PLANNING AND ZONING CASE CHECKLIST

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

P&Z CASE # SP2019-004 **P&Z DATE** 3/12/19 **CC DATE** 3/18/19 **APPROVED/DENIED**

ARCHITECTURAL REVIEW BOARD DATE_____ **HPAB DATE**_____ **PARK BOARD DATE**_____

ZONING APPLICATION
☐ SPECIFIC USE PERMIT
☐ ZONING CHANGE
☐ PD CONCEPT PLAN
☐ PD DEVELOPMENT PLAN

SITE PLAN APPLICATION
☑ SITE PLAN
☐ LANDSCAPE PLAN
☐ TREESCAPE PLAN
☐ PHOTOMETRIC PLAN
☐ BUILDING ELEVATIONS
☐ MATERIAL SAMPLES
☐ COLOR RENDERING

PLATTING APPLICATION
☐ MASTER PLAT
☐ PRELIMINARY PLAT
☐ FINAL PLAT
☐ REPLAT
☐ ADMINISTRATIVE/MINOR PLAT
☐ VACATION PLAT
☐ LANDSCAPE PLAN
☐ TREESCAPE PLAN

- ☐ COPY OF ORDINANCE (ORD.#_____)
- ☑ APPLICATIONS
- ☑ RECIEPT
- ☑ LOCATION MAP
- ☐ HOA MAP
- ☐ PON MAP
- ☐ FLU MAP
- ☐ NEWSPAPTER PUBLIC NOTICE
- ☐ 500-FT. BUFFER PUBLIC NOTICE
- ☐ PROJECT REVIEW
- ☐ STAFF REPORT
- ☐ CORRESPONDENCE
- ☐ COPY-ALL PLANS REQUIRED
- ☐ COPY-MARK-UPS
- ☐ CITY COUNCIL MINUTES-LASERFICHE
- ☐ MINUTES-LASERFICHE
- ☐ PLAT FILED DATE_____
  - ☐ CABINET #_____
  - ☐ SLIDE #_____

NOTES:_____

_____

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ZONING MAP UPDATED_____

DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY
PLANNING & ZONING CASE NO. SP2019-004

NOTE: *THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.*

DIRECTOR OF PLANNING:

CITY ENGINEER:

Please check the appropriate box below to indicate the type of development request (Resolution No. 05-22) [SELECT ONLY ONE BOX]:

Platting Application Fees:
[ ] Master Plat ($100.00 + $15.00 Acre) [1]
[ ] Preliminary Plat ($200.00 + $15.00 Acre) [1]
[ ] Final Plat ($300.00 + $20.00 Acre) [1]
[ ] Replat ($300.00 + $20.00 Acre) [1]
[ ] Amending or Minor Plat ($150.00)
[ ] Plat Reinstatement Request ($100.00)

Site Plan Application Fees:
[✔] Site Plan ($250.00 + $20.00 Acre) [1]
[ ] Amended Site Plan/Elevations/Landscaping Plan ($100.00)

Zoning Application Fees:
[ ] Zoning Change ($200.00 + $15.00 Acre) [1]
[ ] Specific Use Permit ($200.00 + $15.00 Acre) [1]
[ ] PD Development Plans ($200.00 + $15.00 Acre) [1]

Other Application Fees:
[ ] Tree Removal ($75.00)

Notes:
[1]: In determining the fee, please use the exact acreage when multiplying by the per acre amount. For requests on less than one acre, only the "base fee" is required.

PROPERTY INFORMATION [PLEASE PRINT]

Address					
Subdivision		Lot		Block	
General Location	Corner of Airport Road and Industrial Boulevard				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

Current Zoning	Light Industrial (LI) District		Current Use	N/A	
Proposed Zoning	Light Industrial (LI) District		Proposed Use	Office/Warehouse/Manufacturing	
Acreage	11.37	Lots [Current]	1	Lots [Proposed]	1

[✔] ***Required for Plats:*** *By checking the box at the left you agree to waive the statutory time limit for plat approval in accordance with Section 212.009 of the Local Government Code.*

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

[ ] Owner	Alvaplast US, In (SPR Packaging)	[✔] Applicant	Halff Associates
Contact Person	Carolina Molina	Contact Person	Matthew Gardner
Address	1480 Justin Road	Address	1201 North Bowser Road
City, State & Zip	Rockwall, Tx 75087	City, State & Zip	Richardson, Tx 75081
Phone	4694021232	Phone	2143466308
E-Mail	cmolina@sprpackaging.com	E-Mail	mgardner@halff.com

NOTARY VERIFICATION [REQUIRED]

Before me, the undersigned authority, on this day personally appeared Matthew Gardner [*Owner/Applicant Name*] the undersigned, who stated the information on this application to be true and certified the following:

"I hereby certify that I am the owner, or duly authorized agent of the owner, for the purpose of this application; all information submitted herein is true and correct; and the application fee of $ 477.40 *, to cover the cost of this application, has been paid to the City of Rockwall on this the* 18th *day of* January *, 20* 19 *. By signing this application I agree that the City of Rockwall (i.e. "City") is authorized and permitted to provide information contained within this application to the public. The City is also authorized and permitted to reproduce any copyrighted information submitted in conjunction with this application, if such reproduction is associated or in response to a request for public information."*

Given under my hand and seal of office on this the 18th *day of* Jan. *, 20* 19 .

NOTARY PUBLIC STATE OF TEXAS
ADRIA LYNN TISDALE
Notary Public
State of Texas
ID # 12485265-9
My Comm. Expires 03-09-2020

Owner's/Applicant's Signature Matthew Gardner

Notary Public in and for the State of Texas Adria Lynn Tisdale

My Commission Expires 3-9-2020

DEVELOPMENT APPLICATION SUBMITTAL REQUIREMENTS

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

PLATTING APPLICATION SUBMITTAL REQUIREMENTS [ALL PLAT TYPES]

[ ] *PLAT TYPE.*

- [ ] *MINOR/AMENDING PLAT.*
- [ ] *MASTER PLAT.*
- [ ] *PRELIMINARY PLAT.*
- [ ] *FINAL PLAT.*
- [ ] *REPLAT.*
- [ ] *VACATION PLAT.*

Staff requires four (4), 18" x 24" copies be submitted at the time the application is submitted. Each set of plans should be folded into a *Tri-Fold* with the project title or identifier facing out.

[ ] *DIGITAL COPY OF THE PLAT.* The following is required with all plat submittals:

- [ ] *ONE (1) PDF COPY OF THE PLAT*
- [ ] *ONE (1) SURVEY BOUNDARY CLOSURE REPORT.*

** AFTER APPROVAL STAFF WILL REQUIRE ONE (1) AUTOCAD/ESRI (DWG, DXF, OR SHP FILE FORMAT) FILE*

[ ] *TREESCAPE PLAN [IF APPLICABLE].*

[ ] *LANDSCAPE PLAN [IF APPLICABLE].*

[ ] *APPLICATION AND APPLICATION FEE.*

SITE PLAN APPLICATION SUBMITTAL REQUIREMENTS

[X] *PLAN SET.* A plan set is composed of the following items:

- [X] *SITE PLAN.*
- [ ] *LANDSCAPE PLAN.*
- [ ] *TREESCAPE PLAN.*
- [X] *PHOTOMETRIC PLAN.*
- [X] *BUILDING ELEVATIONS.*

Staff requires the submittal of four (4) complete plan sets and one (1) digital copy in .pdf format with a site plan application. All sheets submitted to staff shall be 24" x 36", arranged into sets, and be folded to a 9" x 12" *Tri-Fold* with the project title or identifier facing out.

[X] *BUILDING MATERIAL SAMPLE BOARD.* See the *Material Sample Board Design Guidelines* in this development packet.

[X] *APPLICATION AND APPLICATION FEE.*

ZONING CHANGE APPLICATION SUBMITTAL REQUIREMENTS

[ ] *LEGAL DESCRIPTION.* A legal description consists of written words that delineate a specific piece of real property. A legal description may be a metes and bounds description or, if the property is platted, a copy of the plat may be submitted to verify the lot and block survey system.

[ ] *ZONING EXHIBIT OR CONCEPT PLAN.* A zoning exhibit is generally a survey, plat, concept plan or other visual description of the property [Specific Use Permit (SUP) exhibits can be a site plan or building elevations; check with staff for prior to submitting an application for what is appropriate]. Staff requires four (4), 24" x 36" copies and one digital copy (PDF preferred) be submitted at the time the application is submitted. All submittals should be folded individually so that the project title or identifier is facing out. *In order to reduce the applicant's costs and to conserve paper, staff may accept other sheet sizes for a submittal if an appropriate scale and level of detail is maintained. Check with staff prior to submitting a small or larger drawing size.*

[ ] *LETTER OF EXPLANATION.* A letter from the applicant or property owner explaining the purpose of the zoning application.

[ ] *APPLICATION AND APPLICATION FEE.*

IT IS IMPORTANT TO YOU AS AN APPLICANT TO RETURN A FULLY COMPLETED APPLICATION PACKAGE. WITHOUT A COMPLETE APPLICATION SUBMITTAL, THE CASE MAY NOT BE PROCESSED AND MAY NOT BE PLACED ON A PUBLIC HEARING AGENDA.

CHECKLIST FOR SITE PLAN SUBMITTALS

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

CASE NUMBER: | **REVIEWED BY:**
OVERLAY DISTRICT: | **REVIEW DATE:**

1.1 GENERAL INFORMATION FOR ALL PLANS SUBMITTED

Requirements	✓= OK	N/A	Comments	UDC Reference
Items Necessary for Site Plan Review:				*Per Application*
✓ Site Plan	☒	☐		-
✓ Landscape Plan	☐	☐	To Be Provided by Selected Firm	-
✓ Treescape Plan	☐	☐		-
✓ Photometric Plan	☒	☐		-
✓ Building Elevations	☒	☐		-
Building Material Sample Board and/or Color Rendering of Building Elevations	☒	☐	If required the sample board should detail all building materials, with each material clearly labeled and indicating manufacturer info, color, etc. Check with Planning Staff to see which is appropriate for the submitted project.	-
Submittal Requirements	☒	☐	Four (4) large (24" x 36") **folded** copies and one (1) PDF digital copy of each plan is required at the time of submittal.	-
Is the property properly platted?	☐	☐	Indicate if the property has been properly platted.	-
Title Block (Project Name, Legal Description and/or Address)	☒	☐	The title block is to be located in the lower right hand corner of all sheets and contain the project name, street address, and/or the lot and block designation.	-
Case Number	☒	☐	The case number should be placed in the lower right hand corner below the title block of all sheets.	-
Owners (Name, Address, and Phone Number)	☒	☐	The owners name, address, and phone number are required to be in the lower right hand corner left of the title block.	-
Developer (Name, Address, and Phone Number)	☒	☐	The name, address, and phone number of the person or company that prepared the plans are required in the lower right hand corner left of the title block.	-
North Point	☒	☐	The north point or north arrow must be facing true north (or straight up) on all plans, unless the scale of the drawings or scope of the project requires a different position.	-
Numeric and Graphic Scale	☒	☐	The recommended engineering scales are 1"=20', 1"=40', etc ... with a maximum of 1"=100'.	-
Vicinity Map	☒	☐	The vicinity map should locate the site relative to the nearest major roadways in a one-half mile radius.	-
Date	☒	☐	The date that the plans were prepared is required on all submittals.	-
Proposed Land Use:			Indicate the proposed use for this site. Additionally, indicate the proposed use for all structures.	-
✓Commercial	☐	☐	Land Uses Permitted in the RO, NS, GR, C, DT, RC & Designated Planned Development District Ordinances.	-
✓Industrial	☒	☐	Land Uses Permitted in the RT, LI, HI & Designated Planned Development District Ordinances.	-

2.1 SITE PLAN: MISCELLANEOUS AND DENSITY & DIMENSIONAL INFORMATION

Requirements	✓= OK	N/A	Comments	UDC Reference
Total Lot or Site Area (Acreage and Square Footage)	☒	☐	If the site is part of a larger tract include a key map showing the entire tract of land and the location of the site being planned.	-
Perimeter Dimensions of the Site	☒	☐	Indicate the perimeter dimensions of the site in feet.	-
Buildings (Square Footage)	☒	☐	Indicate the location and total square footage of all existing and planned buildings on the site.	-
Perimeter Dimensions of all Buildings	☒	☐	Indicate the wall lengths of all buildings on the site.	-
Distance Between Buildings	☐	☒	Indicate the distance between all existing and planned buildings located on the site.	-
Distance Between Buildings and Property Lines	☒	☐	Indicate the distance between all property lines and existing and planned buildings located on the site.	-
Indicate all Property Lines	☒	☐	Indicate all existing property lines. If the site plan requires a platting case that will alter the property lines show the proposed changes in a different line weight.	-
Indicate all Building Setbacks	☒	☐	Indicate all building setbacks adjacent to right-of-way.	-
Indicate all Easements	☐	☐	Additionally, indicate all utilities both existing and proposed.	-
Indicate all Drive/Turning Radii	☒	☐		-
Indicate all Drive Widths	☒	☐		-
Indicate all Fire Lanes	☒	☐	Indicate and label the widths of all fire lanes existing and proposed for the site.	-
Indicate location of all Fire Hydrants	☒	☐		-
Indicate all Sidewalks	☒	☐	Indicate and label the widths of all sidewalks existing and proposed for the site.	-
Adjacent Street Right-Of-Way	☐	☐	Reference the City's Master Transportation Plan for right-of-way information.	-
Label all Adjacent Street Name	☒	☐	Label all adjacent existing and proposed street names.	-
Adjacent Street Centerlines	☐	☐	Indicate the street centerline for all existing and proposed streets.	-
Median Breaks in Adjacent Streets	☐	☒		-

2.2 SITE PLAN: PARKING INFORMATION

Requirements	✓= OK	N/A	Comments	UDC Reference
Dimension of a Typical Parking Space	☒	☐	See the comment section in *Adequate Parking and Maneuvering* below.	-
Parking Table	☒	☐	Provide parking table indicating the total number of required parking spaces by use, the total number of required handicapped parking spaces and the total parking provided.	-
Handicap Parking Spaces Shown	☒	☐		Art. VI 5.4
Adequate Parking	☒	☐	*Reference Table 3 of Article VI.*	Art. VI Table 3
Adequate Parking and Maneuvering	☒	☐	All parking spaces and aisle dimensions shall conform to the off-street parking requirements in section 2.19 of the City's Standards of Design and Construction *(Check w/ the Engineering Department)*.	Art. VI 5.3.C
Adequate Loading Area	☒	☐	Loading spaces shall be a minimum of 12 feet in width, 65 feet in length, and 14 feet in height except as may otherwise be approved by the city engineer *(Art. VI 6.5 Loading Requirements)*.	Art. VI 6.4
Adequate Loading Maneuvering	☒	☐		Art. VI 6
Type and Depth of Paving Material	☒	☐	Indicate the type and depth of the paving material and provide a detail or cut-sheet. All required parking and loading areas shall be constructed of concrete, but may have a surface treatment of brick, stone or other similar material.	Art. VI 3.2

2.3 SITE PLAN: SIGNAGE

Requirements	✓= OK	N/A	Comments	UDC Reference
***NOTE:** All signage shall conform to Chapter 32 of the Rockwall Municipal Code of Ordinance, unless otherwise specified in an Overlay District or Planned Development District with specific signage requirements.*				
Proposed or Existing Signage	☐	☐	Indicate the location and type of all proposed and/or existing signage on the site plan. Additionally, provide a detail or cut-sheet showing the elevations, lighting and dimensions of the proposed signage.	-

2.4 SITE PLAN: SCREENING

Requirements	✓= OK	N/A	Comments	UDC Reference
Indicate the Type and Location of any Existing and/or Proposed Fences	☐	☐	Label the height and type of fence proposed or existing. All fencing shall conform to Chapter 10, Article XI of the Code of Ordinances.	Art. V 1.7
Utility Equipment Screening (Pad or Ground Mounted)	☒	☐	Pad mounted utility equipment, and air conditioning units, shall be screened from horizontal view from any adjacent public street and from any adjacent property. Utility equipment and air conditioning units shall be screened utilizing plantings, berms, or walls matching the main structure.	Art. V 1.5.3
Utility Equipment Screening (Roof Mounted)	☒	☐	All buildings must be designed such that no roof mounted mechanical equipment, HVAC, or satellite dishes shall be visible from any direction.	Art. V 1.5.3
Above Ground Storage Tanks	Future ☒	☐	Aboveground storage tanks shall be screened utilizing plantings, berms, or walls matching the main structure.	Art. V 1.5.4
Dumpster Screening	☐	☐	Dumpster storage should be located to the rear of the buildings with proper access. Trash dumpster shall not be located in any required parking space and shall allow proper access by service trucks. The minimum enclosure area shall be 12'x10'. A minimum of 6" bollards will be required at potential impact zones and the pad site shall be paved to city standards.	Art. V 1.5.2
Outside Storage	☐	☐		
Off-Street Loading Dock Screening	☒	☐	Off-street loading docks must be screened from all public streets and any residential district that abuts or is directly across a public street or alley from the lot. The screening must be at least six feet in height and may be provided by using a masonry fence, berms, plantings or a combination of the above.	Art. V 1.5.1
Residential Adjacency Standards	☐	☒	The director may require wing walls, landscape screens, changes in building orientation, and/or other architectural elements to minimize the impact of uses adjacent to residential property within 150 feet (also reference *Art. VIII 5.2*).	Art. V 1.6

3.1 LANDSCAPE PLAN

To be provided by Bella Firma

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Site Data	☐	☐	Provide the same site data information required in Section *2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements* of this checklist.	Art. VIII 4.3
Impervious Area vs. Landscape/Open Space Area Provided and Required (As Per Zoning District)	☐	☐	Indicate the applicable zoning district the percentage of landscaping required and provided, and the impervious area vs. the amount of landscaping and open spaces required and provided.	Art. VIII 5.12
Landscape Table	☐	☐	Provide a landscape table showing plant materials, quantities, size and spacing for existing and proposed landscaping. Complete description of plant materials shown on the plan, including names, locations, qualities, container or caliper sizes at installation, heights, spread, and spacing requirements should also be listed on the plan.	Art. VIII 4.3

Indicate all Landscaping	☐	☐	Indicate the locations of all existing and proposed landscaping.	-
Location of Water Courses and Significant Drainage Features	☐	☐	Indicate the locations of all existing and/or proposed water courses and the location of any existing and/or proposed significant drainage features.	Art. VIII 4.3
Indicate all Landscape Buffers	☐	☐	Indicate the locations and dimensions of the required landscape buffers.	Art. VIII 5.1
Acceptable Landscape Materials:				Art. VIII 5.3
✓ Trees allowed in Street Landscape Buffers	☐	☐	Cedar Elm, Texas Red Oak, Homestead Elm, Lace Bark Elm, Bald Cypress, Chinese Pistachio, October Glory Maple, Pecan, Texas Ash, Live Oak, Chinquapin Oak, and Burr Oak (Understory Trees: Texas Redbud, Mexican Plum, Downy Hawthorn, Wax Myrtle, Yaupon, and Deciduous Yaupon)	Art. VIII 5.3.E
✓ Trees not allowed in Landscape Buffers	☐	☐	Silver Maple, Box Elder, Mimosa, Catalpa, Hackberry, Sugarberry, Honey Locust, Tulip Tree, Chinaberry, Sycamore, Cottonwood, Willows, American Elm, Siberian Elm, Jerusalem Thorn/Petuma, Bois D'Arc, Flowering Crabapple Tree, Ginko Tree, Peach/Plum, Mulberry, Texas Mountain Laurel, Lilac Chaste Tree, and Pine Tree.	Art. VIII 5.3.F
Protected Trees (To Remain On Site)	☐	☐	Indicate the location and provide a description by type and size of all existing protected trees (4" or larger) proposed to be retained. Such trees shall be marked and a drip line of said tress shall be protected prior to and during all construction, including dirt work.	Art. IX 3
Parking Lot Landscaping	☐	☐	Complete description of landscaping and screening to be provided in or near off-street parking and loading areas, including the information as to the amount (in sq. ft.) of landscape area to be provided internal to parking areas, the total square included in the parking area, and the number and location of required off-street parking and loading spaces.	Art. VIII 5.9
Location of all Site Amenities	☐	☐	Identify the size, height, location, and material of proposed seating, lighting, planter's sculptures, water features and landscape paving and other public amenities.	Art. VIII 4.3
Identify Visibility Triangles	☐	☐	Identify visibility triangles on all lots for all driveway intersections and public streets.	
Street Trees	☐	☐	Large trees (a species which normally reaches a height of 30 feet or more upon maturity) shall be provided in the required street landscape buffer in numbers equal to one (1) tree for every 50 feet of street frontage.	Art. VIII 5.7
Tree Locations	☐	☐	Trees must be planted at least five feet from water, sewer and storm sewer lines.	Art. VIII 4.3
Irrigation Requirements Note	☐	☐	Provide note indicating irrigation will meet requirements of UDC.	Art. VIII 5.5

4.1 TREESCAPE PLAN

To be Provided by Bellefirma

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Site Data	☐	☐	Provide the same site data information required in Section *2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements* of this checklist.	-
Buildings	☐	☐	Indicate the location of all existing or proposed structures, and/or the building pads as shown on the grading plan.	-
Indicate all Site Elevations, Grades, Major Contours and the Limits of Construction	☐	☐		Art. IX 3
Protected Trees (To Remain On Site)	☐	☐	Indicate the location and provide a description by type and size of all existing protected trees (4" or larger) proposed to be retained. Such trees shall be marked and a drip line of said tress shall be protected prior to and during all construction, including dirt work.	Art. IX 3

Protected Trees (To be Removed from the Site)	☐	☐	Indicate the location of all protected trees (4" or larger) that are to be removed from the site and the proposed locations of all replacement trees.	Art. IX 3
Treescape Table	☐	☐	Provide a table showing the total inches of trees to be removed and the total inches of trees to be replaced.	Art. IX 3

5.1 PHOTOMETRIC AND LIGHTING PLANS

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Site Data	☒	☐	Provide the same site data information required in Section *2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements* of this checklist.	-
Indicate Lighting Levels (in Foot Candles [FC])	☒	☐	Show lighting levels in foot-candles (FC) measured throughout the site and extended to all property lines of the subject property.	Art. VII 3.4
Adjacent Property with Common Lot Lines:				Art. VII 3.3
✓ Residential Use	☐	☐	The allowable maximum light intensity measured at the property line of a residential property shall be 0.2 of one foot candle.	Art. VII 3.3.B
✓ Commercial Use	☒	☐	The allowable maximum light intensity measured at the property line of a non-residential property shall be 0.2 of one foot candle. *Subject to requirements in Art. VII 3.3.C.*	Art. VII 3.3.C
Under-Canopy Lighting	☐	☐	Under canopy lighting (i.e. fuel stations, drive through lanes and covered parking structures) shall not exceed 0.35 of one foot candle (with the exception below).	Art. VII 3.3.G.1
Lighting for Motor Vehicle Dealerships	☐	☒	Shall not exceed 0.3 of one foot candle within the front yard of the development. The remainder will comply with the 0.2 of one foot candle.	Art. VII 3.3.G.2
Lighting in Parking Areas	☒	☐	Parking areas are not to exceed a maintained average of 1.5 foot candles at ground level, and shall distribute not more than 0.2 of one foot candle of light upon any adjacent property.	Art. VI 3.4.A
Indicate all Exterior Lighting	☒	☐	Indicate the location and type of all exterior lighting, including pole mounted, wall-mounted, signage, etc.	
Indicate the Mounting Height for all Proposed Light Fixtures	☑	☐	No light pole, base or combination thereof shall exceed 30 feet, unless further restricted within an Overlay District.	Art. VII 3.3.D
Indicate the Wattage of all Light Sources	☒	☐		
Proposed Light Fixtures	☒	☐	Provide elevation drawings and/or cut-sheets of proposed light fixtures on/with photometric plan.	-

6.1 BUILDING ELEVATIONS: NON-INDUSTRIAL

Requirements	✓= OK	N/A	Comments	UDC Reference
***NOTE:** Specific Zoning and Overlay Districts may have additional design and material requirements.*				
Provide Exterior Elevations	☒	☐	North South East West (Circle all that apply)	-
Indicate Exterior Elevations Adjacent to Public Right-of-Way	☒	☐	North South East West (Circle all that apply)	-
90% Masonry Requirement	☐	☐	***For Buildings less than 25,000 Sq. Ft.:*** Exterior walls should consist of 90% masonry materials excluding doors and windows. ***For Buildings greater than 25,000 Sq. Ft.:*** 90% of exterior walls shall consist of brick, stone, split faced CMU, plaster, stucco or a combination of.	Art. 4.1.A.1 Art.4.1.D.2
Indicate Amount and Location of the 20% (of the 90%) Stone Requirement.	☐	☐	Applies to facades that are visible from a public right-of-way and/or open space.	Art. 4.1.A.1
Indicate the Surface Area of Each Facade	☒	☐	Indicate the surface area (square feet) of each façade and the percentage and square footage of each material used on that façade.	-
Proposed Building Materials	☒	☐	Specifications and description of all proposed building materials, on all proposed buildings.	-
Indicate the Roofing Materials and Color	☒	☐		-

Indicate Parapet Wall Height (If Applicable)	☐	☐	If applicable indicate the parapet wall by dashing in the top of roof deck.	-
Indicate all Roof Mounted Mechanical Equipment (If Applicable)	☐	☐	If applicable indicate any proposed roof mounted mechanical equipment and indicate how these will be screened from view.	-
Indicate Any Additional Design Elements Proposed (If Applicable)	☐	☐	Indicate any additional design elements for the base, walls, or parapets (such as cornice, arcades, and covered walkways/windows). Be sure to include the location, size, color, and material of any proposed structure.	-
Indicate Building Height(s) [H]	☒	☐	The height of the building shall be measured from the average elevation of the finished grade along the front of the building to the highest point of the roof or parapet of the building if it is a flat, mansard or shed roof; or to the midpoint of the roof if it is gable, hip or gambrel roof.	Art. V 4.1.B.1
Minimum Standards for Articulation:				
Horizontal Articulation of Façades: Projecting Offset = 25% x **(H)** [Min. 5 Ft.] Length of Offset = 25% x **(L)** [Min. 15 Ft.] Distance Between* **(L)** = 3 x **(H)** [Max. 60 Ft.]	☐	☐	...should occur every _____ feet* in between an offset that projects out from the wall at = **(H)** _____ x 25% = _____. The length of the offset is = **(L)** _____ x 25% = _____. (* Minimum distance between projections is 60')	Art. V 4.1.C.1.a
Vertical Articulation of Façades: Height Extension = 25% x **(H)** [Min. 5 Ft.] Length of Extension = 25% x **(L)** [Min. 15 Ft.] Distance Between* **(L)** = 3 x **(H)** [Max. 60 Ft.]	☐	☐	...should occur every _____ feet in between the offset that extends above roof parapet at = **(H)** _____ x 25% = _____. The length of the height extension is = **(L)** _____ x 25% = _____. (* Minimum distance between extensions is 60')	Art. V 4.1.C.1.b

6.2 BUILDING ELEVATIONS: INDUSTRIAL

Requirements	✓= OK	N/A	Comments	UDC Reference
***NOTE:** Industrial buildings are subject to all the elements listed in Section 6.1 Building Elevations: Non-Industrial with the exception of the following standards.*				
Minimum Standards for Articulation:				
Horizontal Articulation of Façades: Projecting Offset = 25% x **(H)** [Min. 5 Ft.] Length of Offset = 25% x **(L)** [Min. 20 Ft.] Distance Between* **(L)** = 4 x **(H)** [Max. 80 Ft.]	☐	☐	...should occur every _____ feet* in between an offset that projects out from the wall at = **(H)** _____ x 25% = _____. The length of the offset is = **(L)** _____ x 25% = _____. (* Minimum distance between projections is 80')	Art. V 5.C.1.a
Vertical Articulation of Façades: Height Extension = 25% x **(H)** [Min. 5 Ft.] Length of Extension = 25% x **(L)** [Min. 20 Ft.] Distance Between* **(L)** = 4 x **(H)** [Max. 80 Ft.]	☐	☐	...should occur every _____ feet in between the offset that extends above roof parapet at = **(H)** _____ x 25% = _____. The length of the height extension is = **(L)** _____ x 25% = _____. (* Minimum distance between extensions is 80')	Art. V 5.C.1.b

☐ **Pre-Development Meeting:**
Date: ____/____/____

☐ **Administrative Site Plan/Public Hearing Site Plan**
1) Is the property located within an Overlay District or a Planned Development District? ☐ YES ☐ NO
2) If yes which Overlay District or Planned Development District? _____
3) Is the applicant requesting appeals? ☐ YES ☐ NO
4) If yes note the appeals:

☐ **Planning & Zoning Work Session (Packet Due ____ /____ /____):**
Date: ____ /____ /____

☐ **DRC Meeting**
Date: ____ /____ /____

☐ **ARB Meeting**
Date: ____ /____ /____

☐ **Planning and Zoning Meeting (Packet Due ____ /____ /____):**
Date: ____ /____ /____
1st _____
2nd _____
Vote: ___ For, ___ Against; ___ Abstaining, ___ Absent (_____).

☐ **City Council Meeting (Packet Due ____ /____ /____):**
Date: ____ /____ /____
1st _____
2nd _____
Vote: ___ For, ___ Against; ___ Abstaining, ___ Absent (_____).

GENERAL NOTES:

RECEIPT

Project Number: SP2019-004
Job Address: INDUSTRIAL
,

Receipt Number: B83775
Printed: 1/29/2019 10:17 am

Fee Description	Account Number	Fee Amount
SITE PLANNING	01-4280	$ 477.40

Total Fees Paid: **$ 477.40**
Date Paid: 1/29/2019 12:00:00AM
Paid By: ALVAPLAST US DEVELOPMENT LLC
Pay Method: CHECK 1035
Received By: LM

DEVELOPMENT REVIEW COMMITTEE (DRC)
CITY OF ROCKWALL, PLANNING & ZONING DEPARTMENT

Phone: (972) 771-7745
Email: Planning@Rockwall.com

External Review:
Wayne Carter, Charter Communications
Jim Friske, Charter Communications
Dinah Wood, Atmos
Randy Voight, Oncor
Phillip Dickerson, Oncor
Brian Duncan, AT&T
Javier Fernandez, RISD
Brenda Callaway, TXDOT
Stephen Geiger, Farmer's Electric
Frank Spataro, Farmer's Electric

Internal Review:
Amy Williams, Engineering
John Shannon, Building Inspections
Ariana Hargrove, Fire
Andy Hesser, Parks
Andy Villarreal, Police

From: Planning & Zoning Department

Date: 1/29/2019

To assist the Planning Department in evaluating the attached request, we are sending it to you for your review and comments. Please return any comments and/or plan mark-ups to us within five (5) days. Internal staff will also be required to have all comments input into CRW no later than Friday, 02/01/2019. Planning staff will assemble all comments received in time for our regularly scheduled DRC meeting on at 2:00 p.m. The Planning and Zoning Commission work session will be held on at 6:00 p.m. You are welcome to attend both meetings. If you have any questions, please contact us at (972) 771-7745.

Project Number: **SP2019-004**

Project Name: **SPR Packaging**

Project Type: **SITE PLAN**

Applicant Name: **HALFF ASSOCIATES**

Owner Name: **ROCKWALL, 12.833 LP**

Project Description:

SPR NORTH PHASE 1 AND 2 SITE PLAN SUBMITTAL
OFFICE / WAREHOUSE / PRODUCTION FACILITY
REQUESTED VARIANCES

On behalf of SPR Packaging, the following is a list of variances to the City of Rockwall Development Codes that we wish to submit to your office, for the Site Plan Submittal.

The original building SPR Packaging is occupying at 1480 Justin Road is the design basis for this new building. It is the Owner's intent to develop a two to three (2-3) building campus as they expand their business on the property to the north. Accordingly, they wish that the new buildings developed to the north, be designed with the same design character and intent as the original building they currently occupy. At the time the original building was developed, we sought and gained approval for modifications to the development code as it relates to materials and articulation. Please see the attached Elevation Concepts, which indicate the appearance of both Phase 1 and Phase 2. Please note that Phase 1 will be initially constructed with Phase 2 to follow later this year.

A. Construction Materials:

1. The Owner wishes to be granted a variance to eliminate 20% stone on the building facades, but wishes to substitute the same stone-like formliner that was previously approved on the original building.

2. As with the original building that has extruder equipment, the Phase 2 building will also be provided with extruder equipment, which we cannot take wall panels to 120' in height. Accordingly, we want the wall panels to match the Phase 1 building in height with pre-finished metal panels above. These panels are typically 18" - 24" wide and will be pre-finished in a bright white to match the existing building previously approved.

B. Maximum Building Height:

1. The Phase 1 building wall panels will be 46' feet in height. There is no problem with the development of the Phase 1 building with these panel heights. However, the Phase 2 will have an Extruder Area that will be a total of 120' tall. We will be submitting a Special Use Permit to receive approval to go to this height. It should be noted that we were granted a Special Use Permit for the height of the Extruder Area for the existing building to 75'.

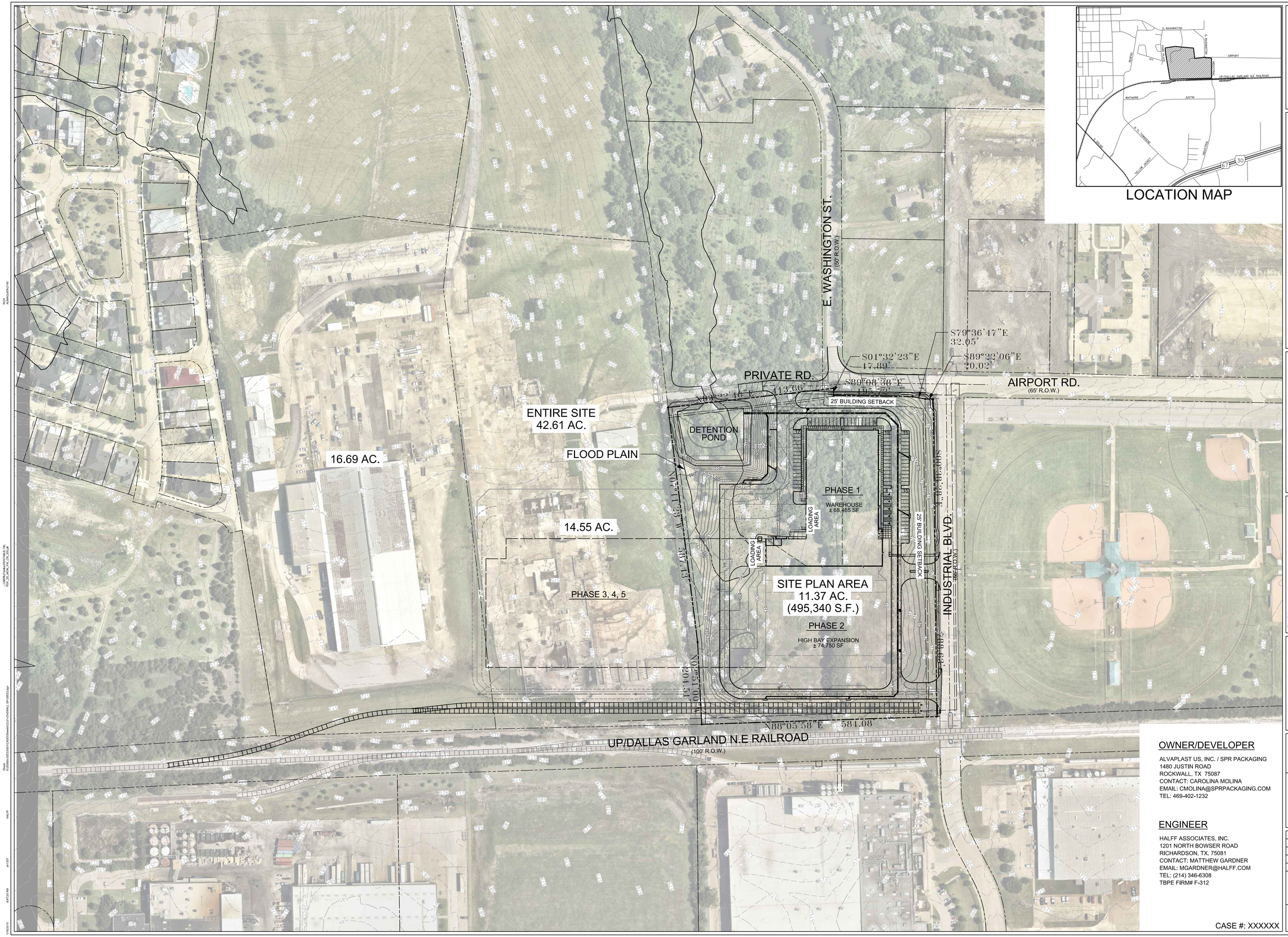
C. Building Articulation:

1. Due to the size of this building and its additional phases, the building will not meet current articulation standards. The tops of the wall panels for the Phase 2 portion of the project will be saw-tooth to match the existing building. There will be a massive entrance on the east side of the project, which will separate Phase 1 and Phase 2, where exterior stone will be utilized. A large glass facade will also accompany this area of the building. The Phase 1 building will have limited off-

sets but will have an aluminum canopy with an entry Storefront and glass windows. The remaining portion of the building will be monolithic in nature, except for the formliner that looks like stone. The Architect will use paint to accent the formliner and the other sections of the building. See Proposed Elevation Study.

D. Landscaping:

1. During the DRC meeting with City Staff, the Owner was requested to provide screening in front of the current existing building to the west to screen the residential development abutting the west side of the property. We would like to request deferral of any landscape screening for this building until the Owner begins the renovation process of that building since we are not modifying this building now, the existing site should be "grandfathered". There may be modifications to paving that may result in loss if new trees are installed to screen Phase 1 and Phase 2 of the project, which now is several hundred feet to the east. The Owner agrees to provide landscape screening on the west side of the project for the existing building, at such time as a permit is submitted for the improvement and renovation of the existing old building on site.



N

0 50 100 150 200

SCALE: 1"=100'

SPR PACKAGING

ROCKWALL, TEXAS

HALFF

1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081
(214) 346-6200

Revision No.	Date	Description

PRELIMINARY

FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY, OR UNDER THE SUPERVISION OF:

MATTHEW J. GARDNER	130786
NAME	P.E. NO.
DATE	1/18/2019
TBPE FIRM # F-312	

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
TEL: 469-402-1232

ENGINEER

HALFF ASSOCIATES, INC.
1201 NORTH BOWSER ROAD
RICHARDSON, TX. 75081
CONTACT: MATTHEW GARDNER
EMAIL: MGARDNER@HALFF.COM
TEL: (214) 346-6308
TBPE FIRM# F-312

CASE #: XXXXXX

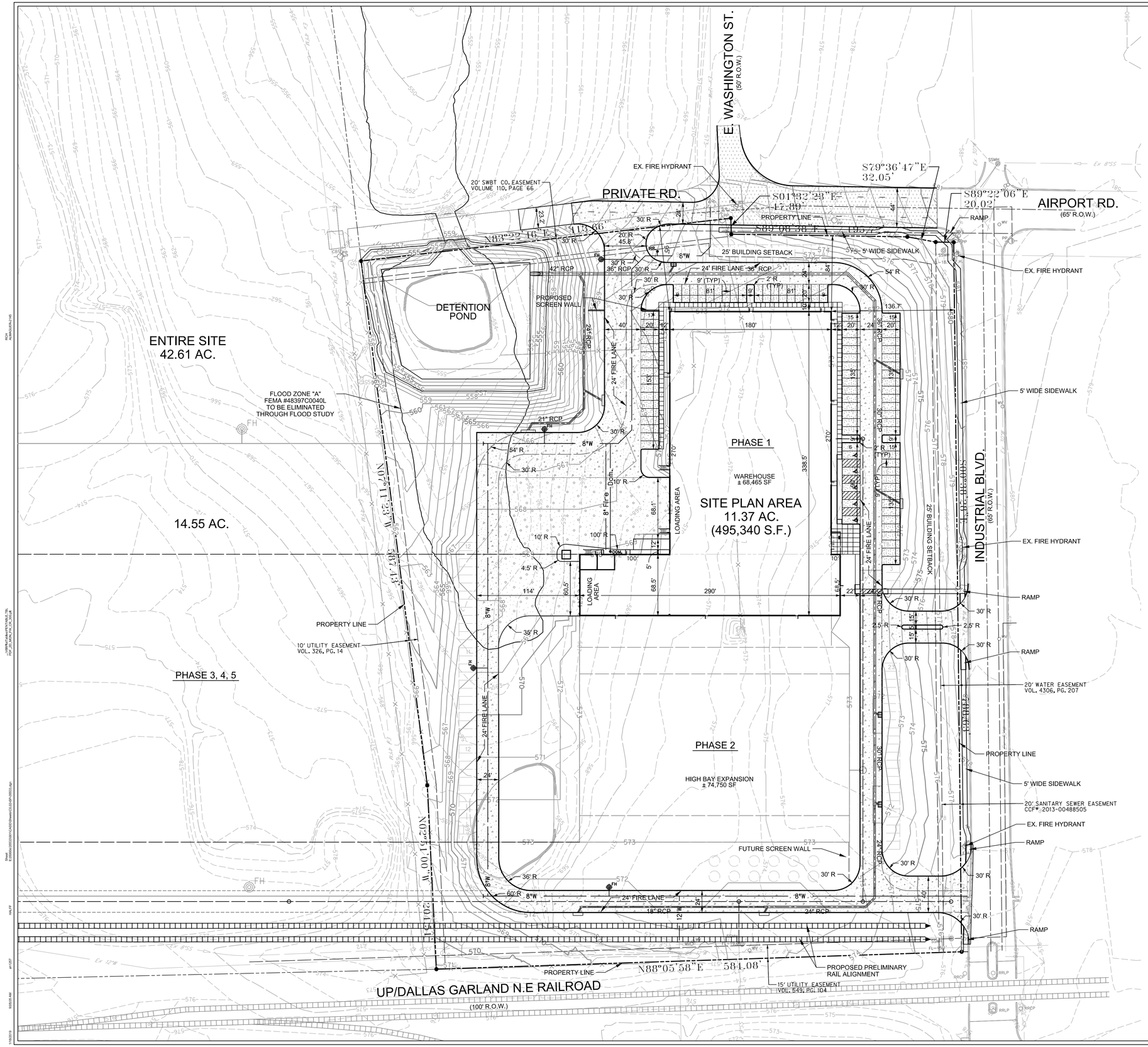
Project No.:	35533
Issued:	JANUARY, 2019
Drawn By:	CAD
Checked By:	MJG
Scale:	AS SHOWN

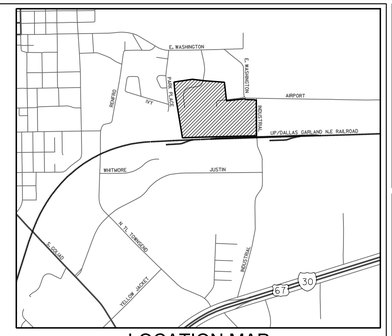
Sheet Title

OVERALL
SITE PLAN

C0.01

Sheet Number





LOCATION MAP

N

0 25 50 75 100

SCALE: 1"=50'

SITE DATA:

CURRENT ZONING:	(LI) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	68,465	SF
FUTURE WAREHOUSE:	74,750	SF
TOTAL:	143,215	SF
PARKING:		
REQUIRED:		
WAREHOUSE (1 SPACE/1000 SF):	68	SPACES
FUTURE WAREHOUSE (1 SPACE/100SF):	75	SPACES
TOTAL REQUIRED:	143	SPACES
PROVIDED:	86	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	165	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

LEGEND

- 5" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 6" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 7" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 8" THICK, 4,200 PSI CONCRETE PAVEMENT WITH #3 BARS AT 24" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS

EXISTING LEGEND

- FENCE
- F.H. FIRE HYDRANT
- WV WATER VALVE
- SSMH SANITARY SEWER MANHOLE
- PP POWER POLE
- GUY WIRE

NOTE:
ALL EXISTING UTILITIES LOCATED WITHIN THE PROPOSED IMPROVEMENTS OF AIRPORT ROAD WILL BE COORDINATED AND RELOCATED IF NECESSARY.

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
TEL: 469-402-1232

ENGINEER

HALFF ASSOCIATES, INC.
1201 NORTH BOWSER ROAD
RICHARDSON, TX. 75081
CONTACT: MATTHEW GARDNER
EMAIL: MGARDNER@HALFF.COM
TEL: (214) 346-6308
TBPE FIRM# F-312

CASE NUMBER: XXXXXX

SPR PACKAGING
ROCKWALL, TEXAS

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081
(214) 346-6200

Revision No.	Date	Description

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MATTHEW J. GARDNER 130786
NAME P.E. NO.
DATE 1/18/2019
TBPE FIRM # F-312

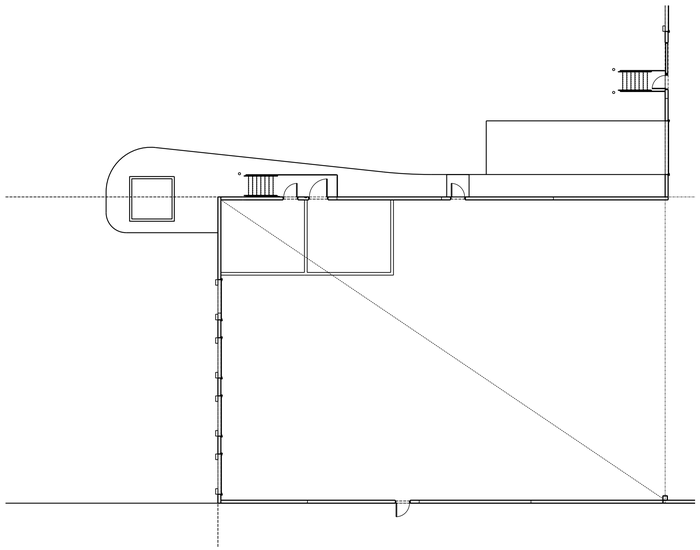
Project No.:	35533
Issued:	JANUARY, 2019
Drawn By:	CAD
Checked By:	MJG
Scale:	AS SHOWN

Sheet Title

DETAILED SITE PLAN

C0.02

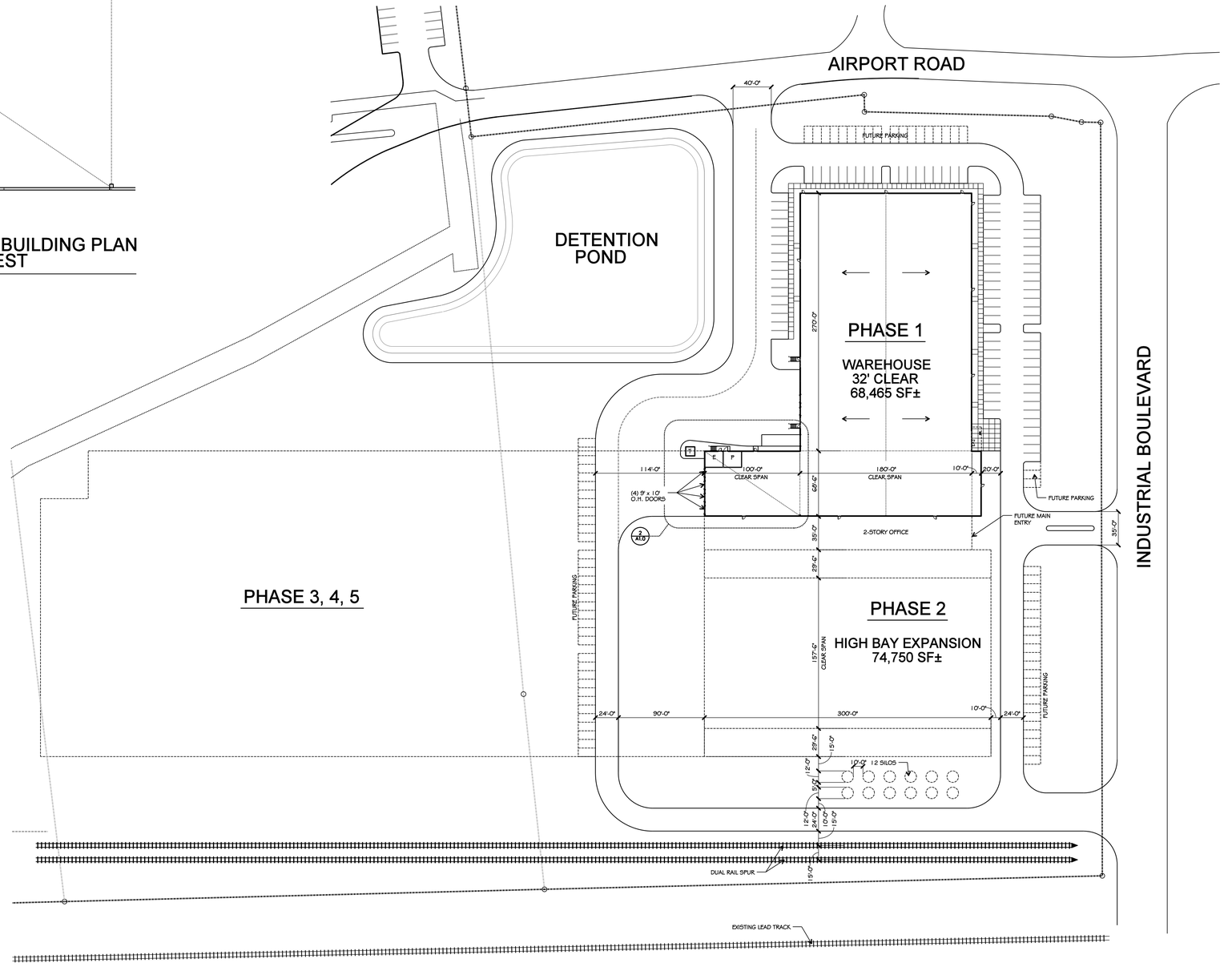
Sheet Number



NORTH

1 ENLARGED BUILDING PLAN DETAIL - WEST

SCALE: 1/8"=1'-0"



NORTH

1 SITE PLAN

SCALE: 1"=60'-0"

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$TIME$
$DATE$
$FILE$

drawn: SF
checked MARK W. PROSS
date: 01/15/2019

#	DATE	DESCRIPTION

REGISTERED ARCHITECT STATE OF TEXAS
EXPIRES: 08/31/2019

pross design group, incorporated
2510 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no 1850
sheet A1.0

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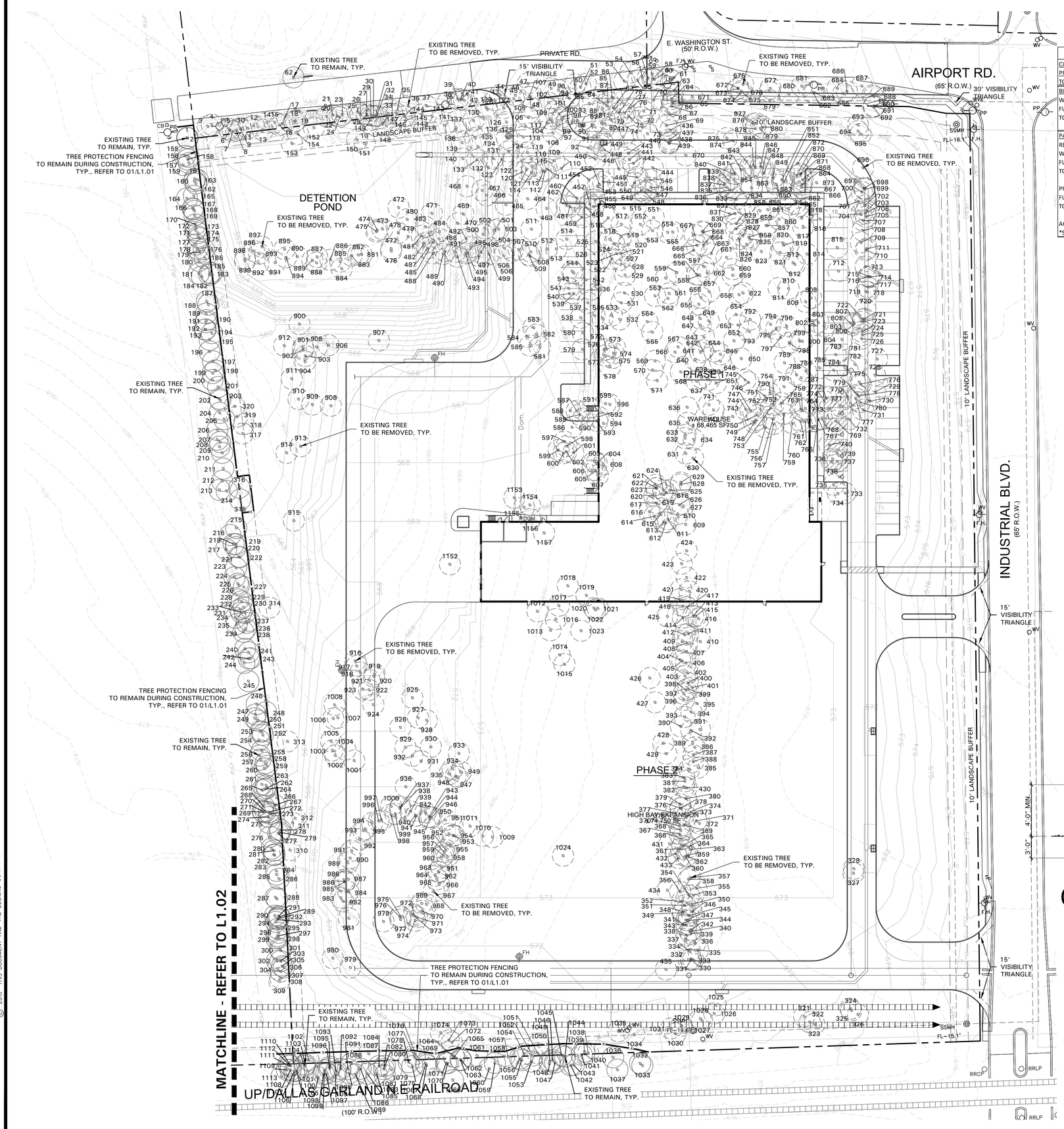

SITE DATA:

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TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
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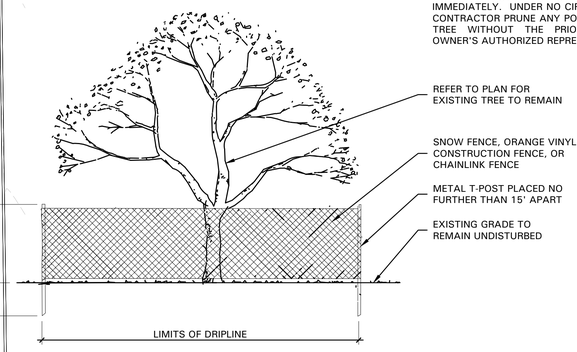
TOTAL PROVIDED:	165	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

EXISTING TREE LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L1.01

TREE PRESERVATION NOTES

1. EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION FROM TREE STRUCTURE DAMAGE AND COMPACTION OF SOIL UNDER AND AROUND DRIP LINE (CANOPY) OF TREE.
2. IF ANY ROOT STRUCTURE IS DAMAGED DURING ADJACENT EXCAVATION / CONSTRUCTION, NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. IT IS RECOMMENDED THAT A LICENSED ARBORIST BE SECURED FOR THE TREATMENT OF ANY POSSIBLE TREE WOUNDS.
3. NO DISTURBANCE OF THE SOIL GREATER THAN 4" SHALL BE LOCATED CLOSER TO THE TREE TRUNK THAN 1/2 THE DISTANCE OF THE DRIP LINE TO THE TREE TRUNK. A MINIMUM OF 75% OF THE DRIP LINE AND ROOT ZONE SHALL BE PRESERVED AT NATURAL GRADE.
4. ANY FINE GRADING DONE WITHIN THE CRITICAL ROOT ZONES OF THE PROTECTED TREES MUST BE DONE WITH LIGHT MACHINERY SUCH AS A BOBCAT OR LIGHT TRACTOR. NO EARTH MOVING EQUIPMENT WITH TRACKS IS ALLOWED WITHIN THE CRITICAL ROOT ZONE OF THE TREES.
5. NO MATERIALS INTENDED FOR USE IN CONSTRUCTION OR WASTE MATERIALS ACCUMULATED DUE TO EXCAVATION OR DEMOLITION SHALL BE PLACED WITHIN THE LIMITS OF THE DRIP LINE OF ANY TREE.
6. NO EQUIPMENT MAY BE CLEANED OR TOXIC SOLUTIONS, OR OTHER LIQUID CHEMICALS, SHALL BE DEPOSITED WITHIN THE LIMITS OF THE DRIP LINE OF A TREE, INCLUDING BUT NOT LIMITED TO: PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR, PRIMERS, ETC.
7. NO SIGNS, WIRES OR OTHER ATTACHMENTS, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
8. NO VEHICULAR / CONSTRUCTION EQUIPMENT TRAFFIC OR PARKING IS ALLOWED WITHIN THE LIMITS OF THE DRIP LINE OF TREES.
9. BORING OF UTILITIES MAY BE PERMITTED UNDER PROTECTED TREES IN CERTAIN CIRCUMSTANCES. THE MINIMUM LENGTH OF THE BORE SHALL BE THE WIDTH OF THE TREE'S CANOPY AND SHALL BE A MINIMUM DEPTH OF FORTY-EIGHT (48") INCHES.
10. IRRIGATION TRENCHING WHICH MUST BE DONE WITHIN THE CRITICAL ROOT ZONE OF A TREE SHALL BE DUG BY HAND AND ENTER THE AREA IN A RADIAL MANNER.
11. ALL TREES TO BE REMOVED FROM THE SITE SHALL BE FLAGGED BY THE CONTRACTOR WITH BRIGHT RED VINYL TAPE (3" WIDTH) WRAPPED AROUND THE MAIN TRUNK AT A HEIGHT OF FOUR (4') FEET ABOVE GRADE. FLAGGING SHALL BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO ANY TREE REMOVAL. CONTRACTOR SHALL CONTACT OWNER'S AUTHORIZED REPRESENTATIVE WITH 72 HOURS NOTICE TO SCHEDULE ON-SITE MEETING.
12. ALL TREES TO REMAIN, AS NOTED ON DRAWINGS, SHALL HAVE PROTECTIVE FENCING LOCATED AT THE TREE'S DRIP LINE. THE PROTECTIVE FENCING MAY BE COMPRISED OF SNOW FENCING, ORANGE VINYL CONSTRUCTION FENCING, CHAIN LINK FENCE OR OTHER SIMILAR FENCING WITH A FOUR (4') FOOT APPROXIMATE HEIGHT. THE PROTECTIVE FENCING SHALL BE LOCATED AS INDICATED ON THE TREE PROTECTION DETAIL.
13. WHEN A LOW HANGING LIMB IS BROKEN DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR PRUNE ANY PORTION OF THE DAMAGED TREE WITHOUT THE PRIOR APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE.



01 TREE PROTECTIVE FENCING
NOT TO SCALE

TREE PRESERVATION PLAN

SCALE: 1" = 40'-0"
0 20 40 80

BELLE FIRMA

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
01/18/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no
sheet L1.01

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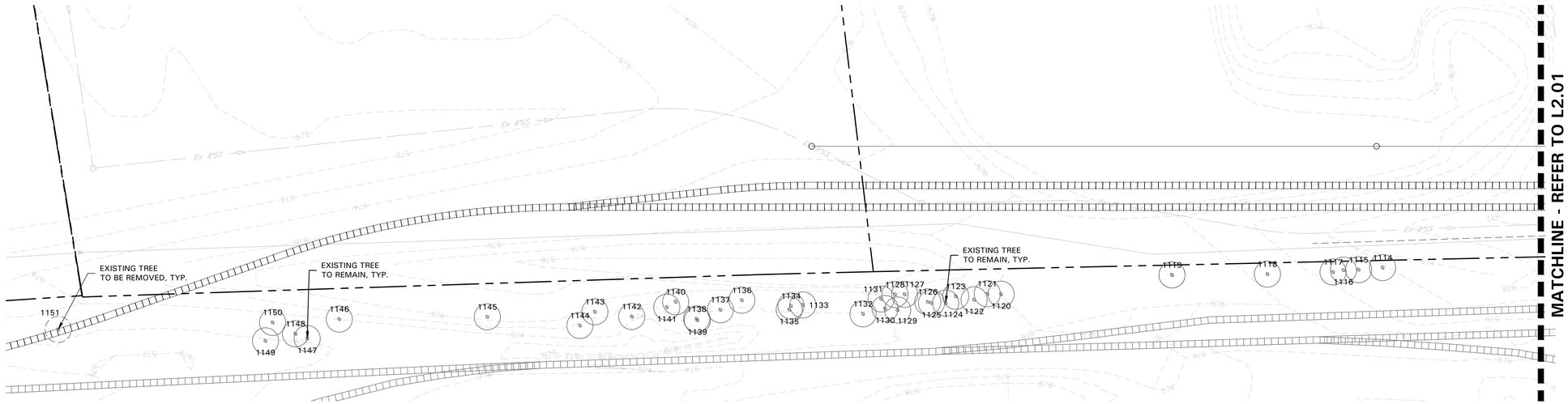

EXISTING TREE LEGEND

EXISTING TREE
TO REMAIN

EXISTING TREE
TO BE REMOVED

TREE PROTECTION FENCING
TO REMAIN DURING CONSTRUCTION
REFER TO 01/L1.01

TREE PRESERVATION PLAN

N

SCALE: 1" = 40'-0"
0 20 40 80

BELLE FIRMA

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION

REGISTERED LANDSCAPE ARCHITECT
BRIAN HAAK
2246
STATE OF TEXAS
01/18/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L1.02

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
2	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
3	5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
4	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
5	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
6	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
7	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
8	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
9	6.5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
10	4	HERCULES CLUB	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
11	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
12	14	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	7
13	5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
14	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
15	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
16	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
17	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
18	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
19	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
20	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
21	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
22	8.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
23	14.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	7.25
24	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
25	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
26	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
27	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
28	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
29	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
30	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
31	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
32	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
33	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
34	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
35	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
36	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
37	8.5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
38	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
39	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
40	13	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	6.5
41	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
42	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
43	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
44	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
45	5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
46	10	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
47	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
48	19	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	9.5
49	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
50	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
51	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
52	8.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
53	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
54	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
55	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
56	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
57	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
58	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
59	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
60	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
61	5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
62	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
63	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
64	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
65	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
66	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
67	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
68	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
69	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
70	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
71	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
72	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
73	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
74	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
75	9	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
76	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
77	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
78	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
79	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
80	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
81	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
82	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
83	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
84	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
85	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
86	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
87	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
88	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
89	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
90	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
91	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
92	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
93	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
94	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
95	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
96	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
97	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
98	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
99	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
100	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
101	6.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
102	10.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
103	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
104	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
105	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
106	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
107	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
108	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
109	18.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.25
110	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
111	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
112	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
113	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
114	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
115	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
116	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
117	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
118	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
119	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
120	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
121	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
122	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
123	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
124	6.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
125	12	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
126	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
127	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
128	5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
129	4.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
130	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
131	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
132	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
133	4	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
134	5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
135	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
136	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
137	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
138	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
139	13.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
140	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
141	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
142	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
143	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
144	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
145	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
146	12.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
147	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
148	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
149	4.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
150	10	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
151	5.5	BRADFORD PEAR	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
152	45.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
153	10	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
154	4.5	AMERICAN ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
155	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
156	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
157	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
158	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
159	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
160	12	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
161	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
162	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
163	8.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
164	12	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
165	8	BOIS D'ARC	TO REMAIN	POOR	OFFSITE	NON-PROTECTED	
166	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
167	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
168	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
169	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
170	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
171	14	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
172	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
173	5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
174	12	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
175	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
176	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
177	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
178	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
179	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
180	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
181	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
182	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
183	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
184	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
185	13.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
186	10	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
187	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
188	17.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
189	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
190	9.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
191	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
192	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
193	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
194	5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
195	9	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
196	9.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
197	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
198	14	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
199	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
200	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
201	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
202	12.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
203	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
204	13	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
205	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
206	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
207	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
208	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
209	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
210	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
211	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
212	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
213	11.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
214	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
215	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
216	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
217	10.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
218	11	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
219	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
220	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
221	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
222	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
223	23	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
224	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
225	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
226	5.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
227	8.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
228	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
229	14.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
230	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
231	8.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
232	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
233	8.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
234	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
235	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
236	7	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
237	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
238	14	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
239	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
240	8.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
241	25	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
242	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
243	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
244	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
245	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
246	8.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
247	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
248	16	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
249	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
250	16	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
251	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
252	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
253	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
254	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
255	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
256	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
257	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
258	6	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
259	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
260	7.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
261	7	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
262	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
263	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
264	15.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
265	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
266	4	HACKBERRY	TO REMAIN	GOOD		NON-PROTECTED	
267	8	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
268	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
269	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
270	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
271	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
272	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
273	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
274	11.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
275	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
276	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
277	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
278	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
279	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
280	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
281	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
282	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
283	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
284	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
285	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
286	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
287	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
288	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
289	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
290	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
291	4.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
292	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
293	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
294	7.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
295	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
296	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
297	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
298	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
299	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
300	10	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
301	9.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
302	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
303	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
304	5.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
305	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
306	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
307	6	HACKBERRY	TO BE REMOV

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
379	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
380	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
381	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
382	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
383	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
384	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
385	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
386	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
387	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
388	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
389	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
390	16.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.25
391	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
392	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
393	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
394	33	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	66
395	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
396	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
397	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
398	19.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.75
399	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
400	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
401	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
402	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
403	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
404	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
405	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
406	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
407	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
408	22	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11
409	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
410	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
411	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
412	23	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11.5
413	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
414	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
415	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
416	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
417	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
418	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
419	27	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	54
420	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
421	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
422	20	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10
423	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
424	30	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	60
425	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
426	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
427	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
428	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
429	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
430	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
431	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
432	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
433	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
434	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
435	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
436	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
437	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
438	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
439	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
440	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
441	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
442	14.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
443	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
444	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
445	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
446	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
447	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
448	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
449	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
450	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
451	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
452	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
453	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
454	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
455	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
456	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
457	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
458	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
459	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
460	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
461	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
462	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
463	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
464	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
465	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
466	11	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
467	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
468	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
469	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
470	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
471	9.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
472	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
473	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
474	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
475	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
476	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
477	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
478	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
479	10	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
480	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
481	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
482	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
483	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
484	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
485	13	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
486	8.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
487	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
488	13.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.75
489	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
490	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
491	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
492	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
493	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
494	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
495	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
496	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
497	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
498	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
499	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
500	8	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
501	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
502	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
503	10	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
504	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
505	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
506	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
507	14.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
508	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
509	17	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.5
510	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
511	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
512	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
513	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
514	16	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
515	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
516	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
517	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
518	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
519	17.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.75
520	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
521	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
522	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
523	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
524	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
525	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
526	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
527	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
528	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
529	19	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.5
530	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
531	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
532	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
533	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
534	34	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	68
535	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
536	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
537	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
538	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
539	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
540	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
541	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
542	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
543	23	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
544	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
545	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
546	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
547	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
548	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
549	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
550	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
551	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
552	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
553	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
554	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
555	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
556	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
557	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
558	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
559	5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
560	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
561	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
562	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
563	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
564	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
565	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
566	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
567	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
568	31.5	BOIS D'ARC	TO BE REMOVED	POOR		NON-PROTECTED	
569	4	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
570	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
571	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
572	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
573	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
574	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
575	19	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.5
576	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
577	21	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.5
578	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
579	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
580	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
581	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
582	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
583	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
584	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
585	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
586	22	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11
587	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
588	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
589	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
590	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
591	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
592	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
593	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
594	21	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.5
595	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
596	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
597	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
598	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
599	17.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.75
600	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
601	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
602	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
603	20.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.25
604	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
605	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
606	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
607	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
608	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
609	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
610	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
611	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
612	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
613	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
614	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
615	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
616	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
617	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
618	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
619	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
620	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
621	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
622	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
623	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
624	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
625	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
626	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
627	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
628	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
629	25	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	12.5
630	31	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	62

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
631	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
632	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
633	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
634	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
635	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
636	26	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	52
637	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
638	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
639	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
640	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
641	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
642	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
643	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
644	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
645	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
646	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
647	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
648	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
649	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
650	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
651	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
652	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
653	20	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10
654	6	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
655	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
656	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
657	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
658	6	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
659	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
660	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
661	8	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	8
662	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
663	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
664	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
665	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
666	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
667	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
668	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
669	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
670	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
671	38	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
672	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
673	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
674	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
675	12	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	6
676	12	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
677	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
678	20	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	SECONDARY PROTECTED	10
679	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
680	23	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
681	6.5	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
682	6	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	6
683	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
684	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
685	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
686	7	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
687	35	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
688	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
689	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
690	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
691	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
692	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
693	9	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
694	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
695	14.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
696	10	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
697	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
698	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
757	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
758	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
759	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
760	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
761	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
762	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
763	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
764	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
765	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
766	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
767	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
768	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
769	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
770	11	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
771	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
772	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
773	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
774	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
775	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
776	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
777	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
778	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
779	15.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.75
780	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
781	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
782	7.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7.5
783	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
784	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
785	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
786	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
787	9	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
788	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
789	6	EASTERN RED CEDAR	TO BE REMOVED	POOR		NON-PROTECTED	
790	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
791	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
792	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
793	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
794	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
795	19.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.75
796	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
797	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
798	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
799	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
800	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
801	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
802	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
803	21	BOXELDER	TO BE REMOVED	GOOD		PRIMARY PROTECTED	21
804	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
805	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
806	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
807	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
808	5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
809	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
810	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
811	6.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
812	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
813	10	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
814	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
815	33	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
816	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
817	5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
818	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
819	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
820	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
821	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
822	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
823	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
824	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
825	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
826	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
827	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
828	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
829	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
830	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
831	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
832	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
833	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
834	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
835	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
836	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
837	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
838	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
839	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
840	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
841	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
842	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
843	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
844	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
845	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
846	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
847	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
848	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
849	6.5	PECAN	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
850	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
851	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
852	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
853	6.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
854	6.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
855	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
856	4.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
857	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
858	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
859	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
860	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
861	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
862	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
863	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
864	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
865	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
866	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
867	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
868	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
869	8.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
870	6.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
871	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
872	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
873	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
874	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
875	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
876	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
877	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
878	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
879	7	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7
880	6	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
881	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
882	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
883	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
884	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
885	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
886	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
887	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
888	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
889	15	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
890	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
891	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
892	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
893	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
894	7	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7
895	25	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
896	9.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
897	9.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
898	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
899	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
900	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
901	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
902	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
903	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
904	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
905	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
906	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
907	9.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
908	9	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
909	12.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
910	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
911	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
912	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
913	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
914	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
915	7	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
916	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
917	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
918	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
919	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
920	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
921	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
922	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
923	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
924	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
925	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
926	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
927	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
928	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
929	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
930	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
931	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
932	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
933	8.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
934	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
935	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
936	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
937	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
938	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
939	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
940	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
941	8.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
942	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
943	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
944	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
945	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
946	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
947	7.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
948	4.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
949	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
950	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
951	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
952	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
953	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
954	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
955	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
956	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
957	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
958	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
959	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
960	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
961	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
962	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
963	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
964	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
965	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
966	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
967	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
968	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
969	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
970	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
971	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
972	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
973	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
974	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
975	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
976	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
977	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
978	10	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
979	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
980	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
981	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
982	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
983	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
984	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
985	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
986	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
987	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
988	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
989	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
990	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
991	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
992	14	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
993	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
994	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
995	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
996	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
997	8.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
998	9.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
999	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1000	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1001	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1002	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1003	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1004	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1005	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1006	4.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1007	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1008	6	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1009	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1010	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1011	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
1012	6.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1013	8.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1014	7	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1015	5.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1016	7.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1017	6.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1018	5.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1019	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1020	7	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1021	4.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
1022	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1023	9	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1024	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1025	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1026	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1027	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1028	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1029	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
1030	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1031	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1032	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1033	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1034	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1035	14	BLACK WILLOW	TO BE REMOVED	POOR		NON-PROTECTED	
1036	9	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1037	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1038	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1039	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
1040	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1041	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1042	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1043	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1044	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1045	15	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1046	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1047	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1048	13.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1049	9	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1050	12	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1051	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1052	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1053	12.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1054	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1055	12.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1056	15.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1057	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1058	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1059	14	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1060	21	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1061	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
1062	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1063	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1064	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1065	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1066	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1067	27	HACKBERRY	TO REMAIN	GOOD	OFFSITE	FEATURE TREE	
1068	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1069	4.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
1070	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1071	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1072	8	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1073	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1074	11	BLACK WILLOW	TO BE REMOVED	POOR		NON-PROTECTED	
1075	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY P

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TREE SURVEY FIELD DATA							
No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1135	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1136	13.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1137	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1138	4	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1139	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1140	6.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1141	4	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1142	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1143	10.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1144	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1145	4.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1146	18.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1147	5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1148	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1149	9.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1150	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1151	16	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
1152	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1153	8	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1154	7	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1155	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1156	11	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1157	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

Total Caliper Inches on Site	**9,344.5**
Total Caliper Inches Removed	**7,220.0**
Total Mitigation Inches Required	**1,525.5**
Total Mitigation Inches Provided (Refer to Landscape Plans)	**336.0**
Total Mitigation Inches Remaining Prior to Tree Preservation Credits	**1,189.5**
Tree Preservation Credits Purchased (20% of total mitigation inches paid at $100/inch)	**237.9**
	$23,790.00
Total Mitigation Inches Remaining after Tree Preservation Credits	**951.6**

NOTE: REQUEST 951.6 REMAINING MITIGATION INCHES TO BE CONSIDERED FOR ALTERNATIVE TREE MITIGATION SETTLEMENT AGREEMENT WITH CITY DUE TO HARDSHIP.

TREE PRESERVATION NOTES

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION

REGISTERED LANDSCAPE ARCHITECT
KRISTIANN HAMILTON
2246
STATE OF TEXAS
01/18/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230, 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L1.06

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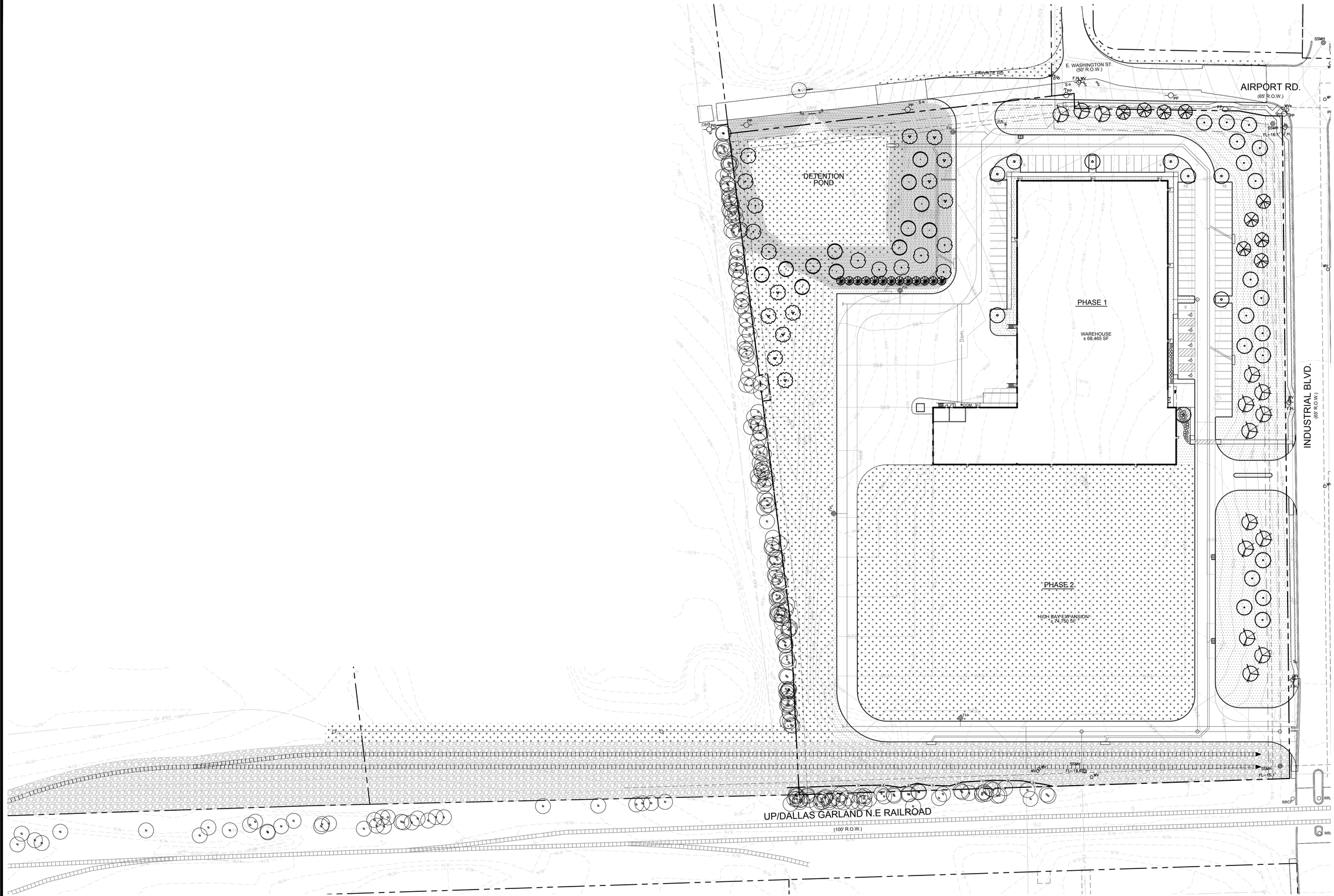


OVERALL LANDSCAPE PLAN

N

SCALE: 1" = 50'-0"

0 25 50 100

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION

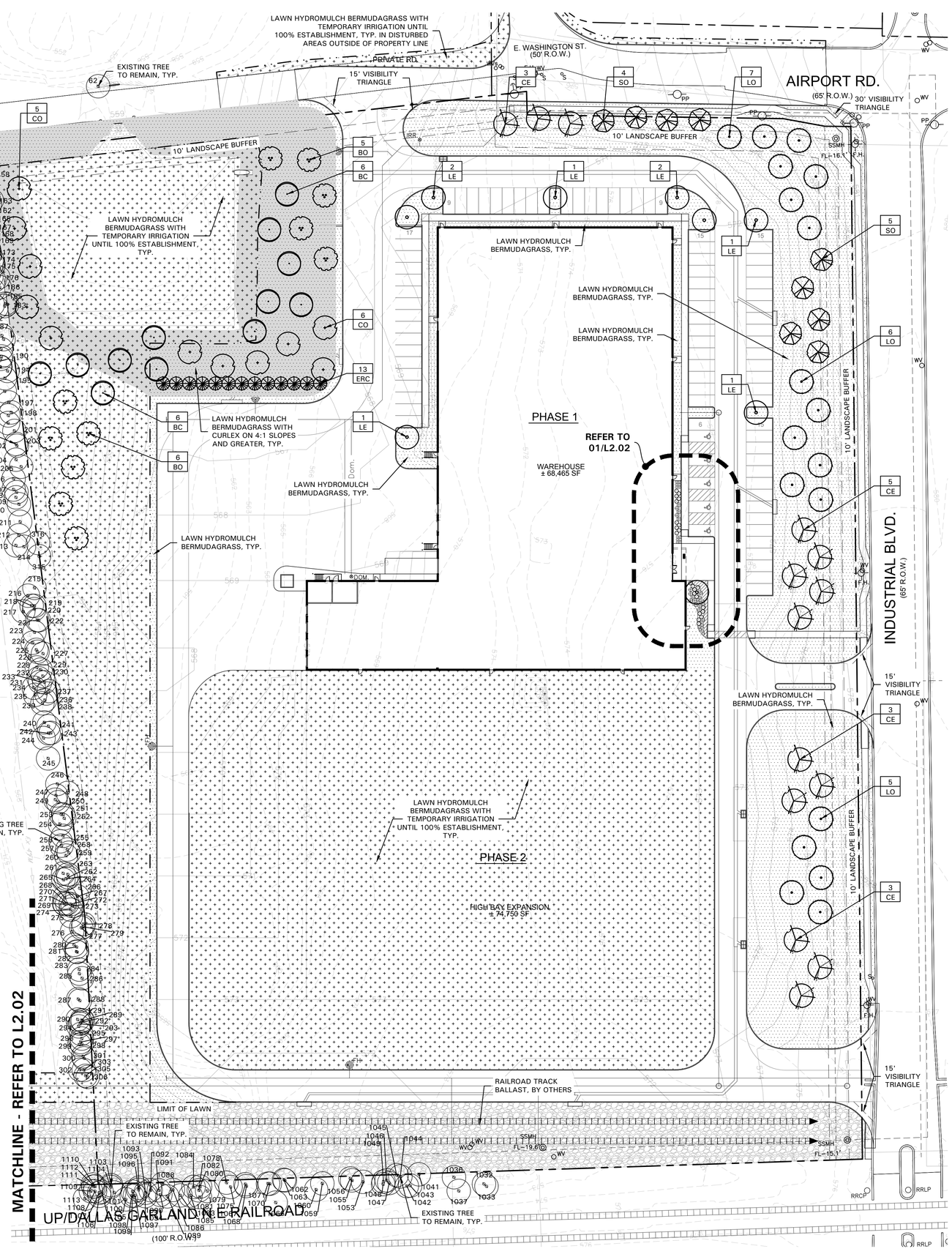
REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
01/18/19

pross design group, incorporated
3510 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L1.00



LANDSCAPE NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED SITE ELEMENTS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.
2. CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND UTILITIES.
3. CONTRACTOR SHALL PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
4. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL 3" BELOW FINAL FINISHED GRADE IN PLANTING AREAS AND 1" BELOW FINAL FINISHED GRADE IN LAWN AREAS.
5. ALL PLANTING BEDS AND LAWN AREAS SHALL BE SEPARATED BY STEEL EDGING. NO STEEL EDGING SHALL BE INSTALLED ADJACENT TO BUILDINGS, WALKS, OR CURBS. CUT STEEL EDGING AT 45 DEGREE ANGLE WHERE IT INTERSECTS WALKS AND CURBS.
6. TOP OF MULCH SHALL BE 1/2" MINIMUM BELOW THE TOP OF WALKS AND CURBS.
7. ALL LAWN AREAS SHALL BE HYDROMULCH BERMUDAGRASS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
8. ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS AND EVAPOTRANSPIRATION (ET) WEATHER-BASED CONTROLLERS AND SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALLED BY A LICENSED IRRIGATOR.
9. CONTRACTOR SHALL PROVIDE BID PROPOSAL LISTING UNIT PRICES FOR ALL MATERIAL PROVIDED.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.

MAINTENANCE NOTES

1. THE OWNER, TENANT AND THEIR AGENT, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE.
2. ALL LANDSCAPE SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS SHALL INCLUDE MOWING, EDGING, PRUNING, FERTILIZING, WATERING, WEEDING AND OTHER SUCH ACTIVITIES COMMON TO LANDSCAPE MAINTENANCE.
3. ALL LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS AND OTHER SUCH MATERIAL OR PLANTS NOT PART OF THIS PLAN.
4. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR.
5. ALL PLANT MATERIAL WHICH DIES SHALL BE REPLACED WITH PLANT MATERIAL OF EQUAL OR BETTER VALUE.
6. CONTRACTOR SHALL PROVIDE SEPARATE BID PROPOSAL FOR ONE YEAR'S MAINTENANCE TO BEGIN AFTER FINAL ACCEPTANCE.

LANDSCAPE TABULATIONS

THE CITY OF ROCKWALL, TEXAS

STREET LANDSCAPING
1. 10' wide landscape buffer with one tree per 50 l.f.

INDUSTRIAL BLVD.: 789 l.f.

Required	Provided
(16) trees, 3" cal.	(16) trees, 4" cal.

AIRPORT RD.: 248 l.f.

Required	Provided
(5) trees, 3" cal.	(5) trees, 4" cal.

PARKING LOT LANDSCAPING
1. 5% of the interior parking lot shall be landscape.
2. One (1) tree for every ten (10) parking spaces.
3. All parking spaces shall be a minimum eighty (80) feet from a tree.

Total interior parking lot area: 38,229 s.f.
Total parking spaces: 86 spaces

Required	Provided
1,912 s.f. (5%)	3,638 s.f. (10%)
(9) trees	(9) trees

SITE LANDSCAPING
1. 10% of the total site shall be landscaped for LIGHT INDUSTRIAL.
2. 100% of the total requirements shall be located in the front of and along side buildings for LIGHT INDUSTRIAL.

Total site: 11.37 AC; 495,440 s.f.

Required	Provided
49,544 s.f. (10%)	279,749 s.f. (57%)
49,544 s.f. (100%)	185,438 s.f.

DETENTION BASIN REQUIREMENTS
1. A minimum of one (1) tree for every 750 s.f. of dry land area.

Dry Land Area: 11,107 s.f.

Required	Provided
(15) trees	(15) trees

GENERAL LAWN NOTES

1. CONTRACTOR SHALL COORDINATE OPERATIONS AND AVAILABILITY OF EXISTING TOPSOIL WITH ON-SITE CONSTRUCTION MANAGER.
2. CONTRACTOR SHALL LEAVE LAWN AREAS 1" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
3. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
4. ALL LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER OR LANDSCAPE ARCHITECT PRIOR TO LAWN INSTALLATION.
5. CONTRACTOR SHALL REMOVE ALL ROCKS 3/4" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
6. CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION.
7. CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.

SOLID SOD NOTES

1. PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY. ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
2. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
3. WATER SOD THOROUGHLY AS SOD OPERATION PROGRESSES.
4. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVER-SEED BERMUDAGRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

HYDROMULCH NOTES

1. CONTRACTOR SHALL SCARIFY, RIP AND LOOSEN ALL AREAS TO BE HYDROMULCHED TO A MINIMUM DEPTH OF 4" PRIOR TO TOPSOIL AND HYDROMULCH INSTALLATION.
2. BERMUDAGRASS SEED SHALL BE EXTRA HULLED AND TREATED LAWN TYPE, SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL MEET STATE LAW REQUIREMENTS.
3. FIBER SHALL BE ONE HUNDRED PERCENT (100%) WOOD CELLULOSE FIBER, DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AS MANUFACTURED BY 'CONWEB' OR EQUAL.
4. FIBER TACK SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL BE 'TERRO-TACK ONE', AS MANUFACTURED BY GROWERS, INC. OR EQUAL.
5. HYDROMULCH WITH BERMUDAGRASS SEED AT A RATE OF TWO (2) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.
6. USE A 4'X8' BATTER BOARD AGAINST ALL BED AREAS.
7. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MAY 1, ALL HYDROMULCH AREAS TO BE WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. CONTRACTOR SHALL BE REQUIRED TO RE-HYDROMULCH WITH BERMUDAGRASS THE FOLLOWING GROWING SEASON AS PART OF THIS CONTRACT.
8. ALL LAWN AREAS TO BE HYDROMULCHED SHALL HAVE ONE HUNDRED PERCENT (100%) COVERAGE PRIOR TO FINAL ACCEPTANCE.

CITY OF ROCKWALL NOTES

1. **NO TREES WITHIN 5'-0" OF ANY UTILITIES**
2. **IRRIGATION SYSTEM WILL MEET REQUIREMENTS IN THE UDC**

PLANT LEGEND

SYMBOL	COMMON NAME
AB	Dwarf Abelia 'Edward Goucher'
AN	Andorra Juniper
BC	Bald Cypress
BO	Bur Oak
CE	Cedar Elm
CO	Chinkapin Oak
ERC	Eastern Redcedar
IH	Indian Hawthorne 'Clara'
LE	Lacebark Elm
LO	Live Oak
MFG	Mexican Feathergrass
SO	Shumard Red Oak

REFER TO L2.02 FOR PLANT LIST

SCALE: 1" = 40'-0"
0 20 40 80

BELLE FIRMA

LANDSCAPE PLAN

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
01/18/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no
sheet
L2.01

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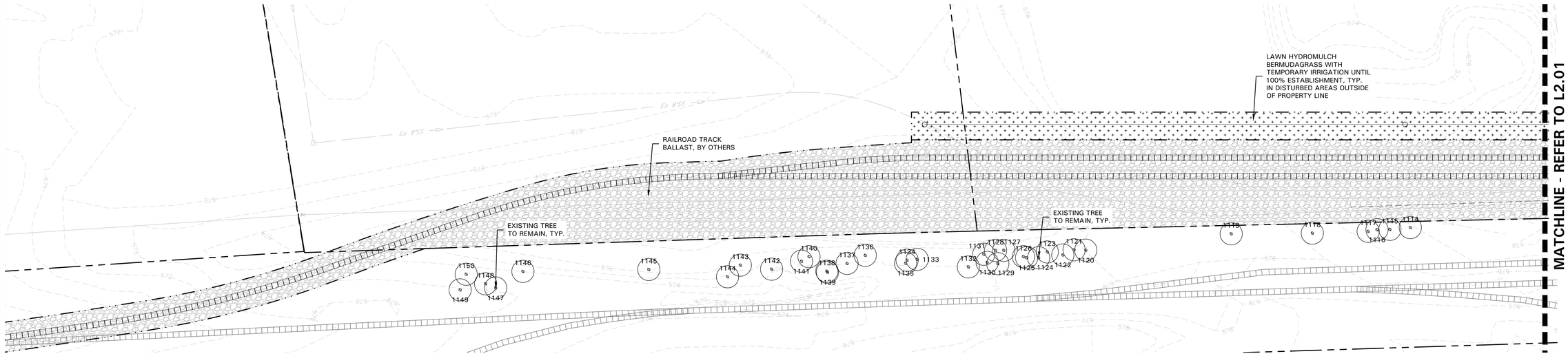

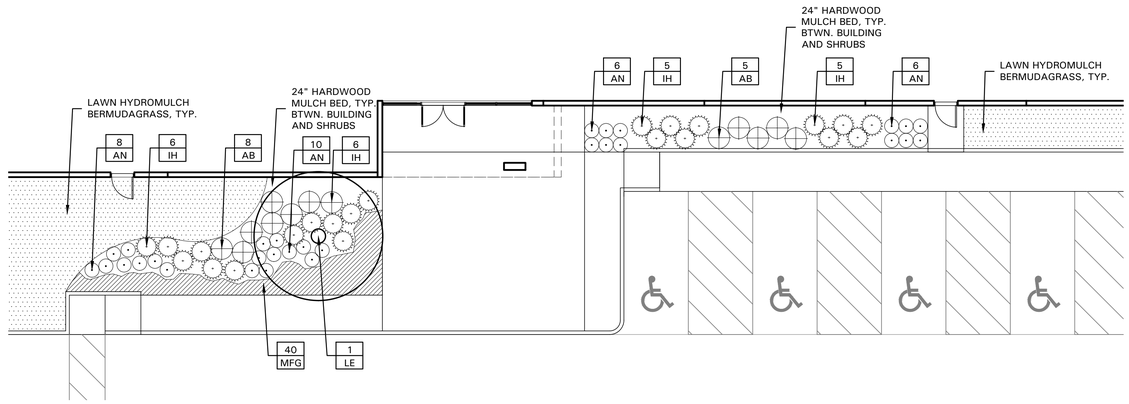

01 SOUTHEAST ENTRANCE
SCALE: 1" = 10'-0"

SITE DATA:		
CURRENT ZONING:	(LI) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	68,465	SF
FUTURE WAREHOUSE:	74,750	SF
TOTAL:	143,215	SF
PARKING:		
REQUIRED:		
WAREHOUSE (1 SPACE/1000 SF):	68	SPACES
FUTURE WAREHOUSE (1 SPACE/100SF):	75	SPACES
TOTAL REQUIRED:	143	SPACES
PROVIDED:	86	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	165	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
	TREES				
BC	*Taxodium distichum*	Bald Cypress	12	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
BO	*Quercus macrocarpa*	Bur Oak	11	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
CE	*Ulmus crassifolia*	Cedar Elm	14	4" cal.	B&B, 15' ht., 5' spread, 5' branching ht., matching
CO	*Quercus muehlenbergii*	Chinkapin Oak	11	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
ERC	*Juniperus virginiana*	Eastern Redcedar	13	6' ht.	B&B or container grown, full to base, 3' spread
LE	*Ulmus parvifolia 'Sempervirens'*	Lacebark Elm	9	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
LO	*Quercus virginiana*	Live Oak	18	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
SO	*Quercus shumardii*	Shumard Red Oak	9	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
	SHRUBS/GROUNDCOVER				
AB	*Abelia grandiflora 'Edward Goucher'*	Dwarf Abelia 'Edward Goucher'	13	5 gal.	container full, 24" spread, 36" o.c.
AN	*Juniperus tobira 'Andorra'*	Andorra Juniper	30	5 gal.	container full, 20" spread, 24" o.c.
IH	*Raphiolepsis indica 'Clara'*	Indian Hawthorne 'Clara'	22	5 gal.	container full, 20" spread, 36" o.c.
MFG	*Nassella tenuissima*	Mexican Feathergrass	40	1 gal.	container full, 24" o.c.
	Cynodon dactylon	Common Bermudagrass			refer to notes

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.
PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.
ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

N

SCALE: 1" = 40'-0"
0 20 40 80

BELLE FIRMA

LANDSCAPE PLAN

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

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drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION

REGISTERED LANDSCAPE ARCHITECT
KRISTOPHER ANN HUMPHREY
2246
STATE OF TEXAS
01/18/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
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SECTION 32 9300 - LANDSCAPE

PART 1 - GENERAL

1.1 REFERENCED DOCUMENTS

A. Refer to Landscape Plans, notes, details, bidding requirements, special provisions, and schedules for additional requirements.

1.2 DESCRIPTION OF WORK

A. Work included: Furnish all supervision, labor, materials, services, equipment and appliances required to complete the work covered in conjunction with the landscaping covered in these specifications and landscaping plans, including:

1. Planting (trees, shrubs and grasses)
2. Bed preparation and fertilization
3. Notification of sources
4. Water and maintenance until final acceptance
5. Guarantee

1.3 REFERENCE STANDARDS

A. American Standard for Nursery Stock published by American Association of Nurserymen: 27 October 1980, Edition; by American National Standards Institute, Inc. (Z60.1) – plant material

B. American Joint Committee on Horticultural Nomenclature: 1942 Edition of Standardized Plant Names.

C. Texas Association of Nurserymen, Grades and Standards

D. Hortis Third, 1976 - Cornell University

1.4 NOTIFICATION OF SOURCES AND SUBMITTALS

A. Samples: Provide representative quantities of sandy loam soil, mulch, bed mix material, gravel, crushed stone, steel edging and tree stakes. Samples shall be approved by Owner's Authorized Representative before use on the project.

1.5 JOB CONDITIONS

A. General Contractor to complete the following punch list: Prior to Landscape Contractor initiating any portion of landscape installation, General Contractor shall leave planting bed areas three (3") inches below final finish grade of sidewalks, drives and curbs as shown on the drawings. All lawn areas to receive solid sod shall be left one (1") inch below the final finish grade of sidewalks, drives and curbs. All construction debris shall be removed prior to Landscape Contractor beginning any work.

B. Storage of materials and equipment at the job site will be at the risk of the Landscape Contractor. The Owner cannot be held responsible for theft or damage.

1.6 MAINTENANCE AND GUARANTEE

A. Maintenance:

1. The Landscape Contractor shall be held responsible for the maintenance of all work from the time of planting until final acceptance by the Owner. No trees, shrubs, groundcover or grass will be accepted unless they show healthy growth and satisfactory foliage conditions.
2. Maintenance shall include watering of trees and plants, cultivation, weeding spraying, edging, pruning of trees, mowing of grass, cleaning up and all other work necessary of maintenance.
3. A written notice requesting final inspection and acceptance should be submitted to the Owner at least seven (7) days prior to completion. An on-site inspection by the Owner's Authorized Representative will be completed prior to written acceptance.

B. Guarantee:

1. Trees, shrubs and groundcover shall be guaranteed for a twelve (12) month period after final acceptance. The Contractor shall replace all dead materials as soon as weather permits and upon notification of the Owner. Plants, including trees, which have partially died so that shape, size, or symmetry have been damaged, shall be considered subject to replacement. In such cases, the opinion of the Owner shall be final.

   a. Plants used for replacement shall be of the same size and kind as those originally planted and shall be planted as originally specified. All work, including materials, labor and equipment used in replacements, shall carry a twelve (12) month guarantee. Any damage, including ruts in lawn or bed areas, incurred as a result of making replacements shall be immediately repaired.

   b. At the direction of the Owner, plants may be replaced at the start of the next year's planting season. In such cases, dead plants shall be removed from the premises immediately.

   c. When plant replacements are made, plants, soil mix, fertilizer and mulch are to be utilized as originally specified and re-inspected for full compliance with the contract requirements. All replacements are to be included under "Work" of this section.

2. The Owner agrees that for the guarantee to be effective, he will water plants at least twice a week during dry periods and cultivate beds once a month after final acceptance.

3. The above guarantee shall not apply where plants die after acceptance because of injury from storms, hail, freeze, insects, diseases, injury by humans, machines or theft.

4. Acceptance for all landscape work shall be given after final inspection by the Owner provided the job is in a complete, undamaged condition and there is a stand of grass in all lawn areas. At that time, the Owner will assume maintenance on the accepted work.

C. Repairs: Any necessary repairs under the Guarantee must be made within ten (10) days after receiving notice, weather permitting. In the event the Landscape Contractor does not make repairs accordingly, the Owner, without further notice to Contractor, may provide materials and men to make such repairs at the expense to the Landscape Contractor.

1.7 QUALITY ASSURANCE

A. General: Comply with applicable federal, state, county and local regulations governing landscape materials and work.

B. Personnel: Employ only experienced personnel who are familiar with the required work. Provide full time supervision by a qualified foreman acceptable to Landscape Architect.

C. Selection of Plant Material:
1. Make contact with suppliers immediately upon obtaining notice of contract acceptance to select and book materials. Develop a program of maintenance (pruning and fertilization) which will ensure the purchased materials will meet and / or exceed project specifications.

2. Substitutions: Do not make plant material substitutions. If the specified landscape material is not obtainable, submit proof of non-availability to Landscape Architect, together with proposal for use of equivalent material. At the time bids are submitted, the Contractor is assumed to have located the materials necessary to complete the job as specified.

3. Landscape Architect will provide a key identifying each tree location on site. Written verification will be required to document material selection, source and delivery schedules to site.

4. Measurements: Measure trees with branches and trunks or canes in their normal position. Do not prune to obtain required sizes. Take caliper measurements six inches above ground for trees up to and including 4" caliper size, and twelve inches above ground for larger sizes. Measure main body of all plant material of height and spread dimensions, do not measure from branch or root tip-to-tip.

5. Owner's Authorized Representative shall inspect all plant material with requirements for genus, species, cultivar / variety size and quality.

6. Owner's Authorized Representative retains the right to further inspect all plant material upon arrival to the site and during installation for size and condition of root balls and root systems, limbs, branching habit, insects, injuries and latent defects.

7. Owner's Authorized Representative may reject unsatisfactory or defective material at any time during the process work. Remove rejected materials immediately from the site and replace with acceptable material at no additional cost to the Owner. Plants damaged in transit or at job site shall be rejected.

1.8 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Preparation:

1. Balled and Burlapped (B&B) Plants: Dig and prepare shipment in a manner that will not damage roots, branches, shape and future development.

2. Container Grown Plants: Deliver plants in rigid container to hold ball shape and protect root mass.

B. Delivery:

1. Deliver packaged materials in sealed containers showing weight, analysis and name of manufacturer. Protect materials from deterioration during delivery and while stored on site.

2. Deliver only plant materials that can be planted in one day unless adequate storage and watering facilities are available on job site.

3. Protect root balls by heeling in with sawdust or other approved moisture retaining material if not planted within 24 hours of delivery.

4. Protect plants during delivery to prevent damage to root balls or desiccation of leaves. Keep plants moist at all times. Cover all materials during transport.

5. Notify Owner's Authorized Representative of delivery schedule 72 hours in advance job site.

6. Remove rejected plant material immediately from job site.

7. To avoid damage or stress, do not lift, move, adjust to plumb, or otherwise manipulate plants by trunk or stems.

PART 2 - PRODUCTS

2.1 PLANTS

A. General: Well-formed No. 1 grade or better nursery grown stock. Listed plant heights are from tops of root balls to nominal tops of plants. Plant spread refers to nominal outer width of the plant, not to the outer leaf tips. Plants will be individually approved by the Owner's Authorized Representative and his decision as to their acceptability shall be final.

B. Quantities: The drawings and specifications are complimentary. Anything called for on one and not the other is as binding as if shown and called for on both. The plant schedule is an aid to bidders only. Confirm all quantities on plan.

C. Quality and size: Plant materials shall conform to the size given on the plan, and shall be healthy, symmetrical, well-shaped, full branched and well rooted. The plants shall be free from injurious insects, diseases, injuries to the bark or roots, broken branches, objectionable disfigurements, insect eggs and larvae, and are to be of specimen quality.

D. Approval: All plants which are found unsuitable in growth, or are in any unhealthy, badly shaped or undersized condition will be rejected by the Owner's Authorized Representative either before or after planting and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plant as specified at no additional cost to the Owner.

E. Trees shall be healthy, full-branched, well-shaped, and shall meet the minimum trunk and diameter requirements of the plant schedule. Balls shall be firm, neat, slightly tapered and well wrapped in burlap. Any tree loose in the ball or with a broken root ball at time of planting will be rejected. Balls shall be ten (10") inches in diameter for each one (1") inch of trunk diameter, measured six (6") inches above ball. (Nomenclature confirms to the customary nursery usage. For clarification, the term "multi-trunk" defines a plant having three (3) or more trunks of nearly equal diameter.)

F. Pruning: All pruning of trees and shrubs, as directed by the Landscape Architect prior to final acceptance, shall be executed by the Landscape Contractor at no additional cost to the Owner.

2.2 SOIL PREPARATION MATERIALS

A. Sandy Loam:

1. Friable, fertile, dark, loamy soil, free of clay lumps, subsoil, stones and other extraneous material and reasonably free of weeds and foreign grasses. Loam containing Dallasgrass or Nutgrass shall be rejected.

2. Physical properties as follows:
   a. Clay – between 7-27 percent
   b. Silt – between 15-25 percent
   c. Sand – less than 52 percent

3. Organic matter shall be 3%-10% of total dry weight.

4. If requested, Landscape Contractor shall provide a certified soil analysis conducted by an approved soil testing laboratory verifying that sandy loam meets the above requirements.

B. Organic Material: Compost with a mixture of 80% vegetative matter and 20% animal waste. Ingredients should be a mix of course and fine textured material.

C. Premixed Bedding Soil as supplied by Vital Earth Resources, Gladewater, Texas; Professional Bedding Soil as supplied by Living Earth Technology, Dallas, Texas or Acid Gro Municipal Mix as supplied by Soil Building Systems, Dallas, Texas or approved equal.

D. Sharp Sand: Sharp sand must be free of seeds, soil particles and weeds.

E. Mulch: Double Shredded Hardwood Mulch, partially decomposed, dark brown. Living Earth Technologies or approved equal.

F. Organic Fertilizer: Fertilaid, Sustane, or Green Sense or equal as recommended for required applications. Fertilizer shall be delivered to the site in original unopened containers, each bearing the manufacturer's guaranteed statement of analysis.

G. Commercial Fertilizer: 10-20-10 or similar analysis. Nitrogen source to be a minimum 50% slow release organic Nitrogen (SCU or UF) with a minimum 8% sulfur and 4% iron, plus micronutrients.

H. Peat: Commercial sphagnum peat moss or partially decomposed shredded pine bark or other approved organic material.

2.3 MISCELLANEOUS MATERIALS

A. Steel Edging: All steel edging shall be 3/16" thick x 4" deep x 16' long with 6 stakes per section, painted black at the factory as manufactured by The J.D. Russell Company and under its trade name DURAEDGE Heavy Duty Steel.

B. Staking Material for Shade Trees: refer to details.

C. Gravel: Washed native pea gravel, graded 1 inch to 1-1/2 inch.

D. Filter Fabric: 'Mirafi Mirascape' by Mirafi Construction Products available at Lone Star Products, Inc., (469) 523-0444 or approved equal.

E. River Rock: 'Colorado' or native river rock, 2" - 4" dia.

F. Decomposed Granite: Base material shall consist of a natural material mix of granite aggregate not to exceed 1/8" diameter in size and shall be composed of various stages of decomposed earth base.

PART 3 - EXECUTION

3.1 BED PREPARATION & FERTILIZATION

A. Landscape Contractor to inspect all existing conditions and report any deficiencies to the Owner.

B. All planting areas shall be conditioned as follows:

1. Prepare new planting beds by scraping away existing grass and weeds as necessary. Till existing soil to a depth of six (6") inches prior to placing compost and fertilizer. Apply fertilizer as per Manufacturer's recommendations. Add six (6") inches of compost and till into a depth of six (6") inches of the topsoil. Apply organic fertilizer such as Sustane or Green Sense at the rate of twenty (20) pounds per one thousand (1,000) square feet.

2. All planting areas shall receive a two (2") inch layer of specified mulch.

3. Backfill for tree pits shall be as follows: Use existing top soil on site (use imported topsoil as needed) free from large clumps, rocks, debris, caliche, subsoils, etc., placed in nine (9") inch layers and watered in thoroughly.

C. Grass Areas:

1. Blocks of sod should be laid joint to joint (staggered joints) after fertilizing the ground first. Roll grass areas to achieve a smooth, even surface. The joints between the blocks of sod should be filled with topsoil where they are evidently gaped open, then watered thoroughly.

3.2 INSTALLATION

A. Maintenance of plant materials shall begin immediately after each plant is delivered to the site and shall continue until all construction has been satisfactorily accomplished.

B. Plant materials shall be delivered to the site only after the beds are prepared and areas are ready for planting. All shipments of nursery materials shall be thoroughly protected from the drying winds during transit. All plants which cannot be planted at once, after delivery to the site, shall be well protected against the possibility of drying by wind and Balls of earth of B & B plants shall be kept covered with soil or other acceptable material. All plants remain the property of the Contractor until final acceptance.

C. Position the trees and shrubs in their intended location as per plan.

D. Notify the Owner's Authorized Representative for inspection and approval of all positioning of plant materials.

E. Excavate pits with vertical sides and horizontal bottom. Tree pits shall be large enough to permit handling and planting without injury to balls of earth or roots and shall be of such depth that,when planted and settled, the crown of the plant shall bear the same relationship to the finish grade as it did to soil surface in original place of growth.

F. Shrub and tree pits shall be no less than twenty-four (24") inches wider than the lateral dimension of the earth ball and six (6") inches deeper than it's vertical dimension. Remove and haul from site all rocks and stones over three-quarter (¾") inch in diameter. Plants should be thoroughly moist before removing containers.

G. Dig a wide, rough sided hole exactly the same depth as the height of the ball, especially at the surface of the ground. The sides of the hole should be rough and jagged, never slick or glazed.

H. Percolation Test: Fill the hole with water. If the water level does not percolate within 24 hours, the tree needs to move to another location or have drainage added. Install a PVC stand pipe per tree planting detail as approved by the Landscape Architect if the percolation test fails.

I. Backfill only with 5 parts existing soil or sandy loam and 1 part bed preparation. When the hole is dug in solid rock, topsoil from the same area should not be used. Carefully settle by watering to prevent air pockets. Remove the burlap from the top ⅓ of the ball, as well as all nylon, plastic string and wire. Container trees will usually be root bound, if so follow standard nursery practice of 'root scoring'.

J. Do not wrap trees.

K. Do not over prune.

L. Mulch the top of the ball. Do not plant grass all the way to the trunk of the tree. Leave the area above the top of the ball and mulch with at least two (2") inches of specified mulch.

M. All plant beds and trees to be mulched with a minimum settled thickness of two (2") inches over the entire bed or pit.

N. Obstruction below ground: In the event that rock, or underground construction work or obstructions are encountered in any plant pit excavation work to be done under this section, alternate locations may be selected by the Owner. Where locations cannot be changed, the obstructions shall be removed to a depth of not less than three (3') feet below grade and no less than six (6") inches below the bottom of ball when plant is properly set at the required grade. The work of this section shall include the removal from the site of such rock or underground obstructions encountered at the cost of the Landscape Contractor.

O. Trees and large shrubs shall be staked as site conditions require. Position stakes to secure trees against seasonal prevailing winds.

P. Pruning and Mulching: Pruning shall be directed by the Landscape Architect and shall be pruned in accordance with standard horticultural practice following Fine Pruning, Class I pruning standards provided by the National Arborist Association.

1. Dead wood, suckers, broken and badly bruised branches shall be removed. General tipping of the branches is not permitted. Do not cut terminal branches.
2. Pruning shall be done with clean, sharp tools.
3. Immediately after planting operations are completed, all tree pits shall be covered with a layer of organic material two (2") inches in depth. This limit of the organic material for trees shall be the diameter of the plant pit.

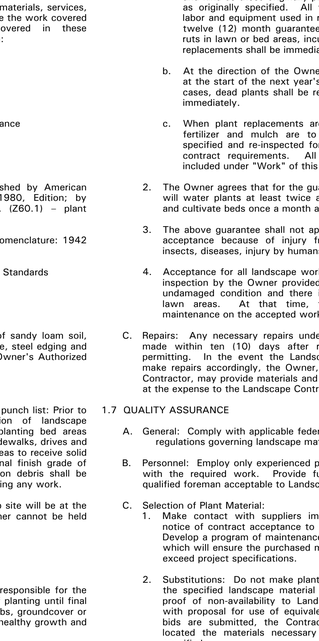
Q. Steel Curbing Installation:

1. Curbing shall be aligned as indicated on plans. Stake out limits of steel curbing and obtain Owners approval prior to installation.
2. All steel curbing shall be free of kinks and abrupt bends.
3. Top of curbing shall be ½" maximum height above final finished grade.
4. Stakes are to be installed on the planting bed side of the curbing, as opposed to the grass side.
5. Do not install steel edging along sidewalks or curbs.
6. Cut steel edging at 45 degree angle where edging meets sidewalks or curbs.

3.3 CLEANUP AND ACCEPTANCE

A. Cleanup: During the work, the premises shall be kept neat and orderly at all times. Storage areas for all materials shall be so organized so that they, too, are neat and orderly. All trash and debris shall be removed from the site as work progresses. Keep paved areas clean by sweeping or hosing them at end of each work day.

END OF SECTION



01 TREE PLANTING DETAIL
NOT TO SCALE

TREE PLANTING DETAIL LEGEND AND NOTES

A. TREE: TREES SHALL CONFORM WITH LATEST AMERICAN STANDARD FOR NURSERY STOCK. www.anla.org

B. TREE PIT: WIDTH TO BE AT LEAST TWO (2) TIMES THE DIAMETER OF THE ROOT BALL CENTER TREE IN HOLE & REST ROOT BALL ON UNDISTURBED NATIVE SOIL.

C. ROOT BALL: REMOVE TOP ⅓ BURLAP AND ANY OTHER FOREIGN OBJECT; CONTAINER GROWN STOCK TO BE INSPECTED FOR GIRDLING ROOTS.

D. ROOT FLARE: ENSURE THAT ROOT FLARE IS EXPOSED, FREE FROM MULCH, AND AT LEAST TWO INCHES ABOVE GRADE. TREES SHALL BE REJECTED WHEN GIRDLING ROOTS ARE PRESENT & ROOT FLARE IS NOT APPARENT.

E. ROOTBALL ANCHOR RING: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. PLACE ROOTBALL ANCHOR RING ON BASE OF ROOTBALL, TRUNK SHOULD BE IN THE CENTER OF THE RING.

F. ROOT ANCHOR BY TREE STAKE SOLUTIONS.

G. NAIL STAKE: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. INSTALL NAIL STAKES WITH HAMMER OR MALLET FIRMLY INTO UNDISTURBED GROUND. DRIVE NAIL STAKES FLUSH WITH "U" BRACKET ADJACENT TO ROOTBALL (DO NOT DISTURB ROOTBALL).

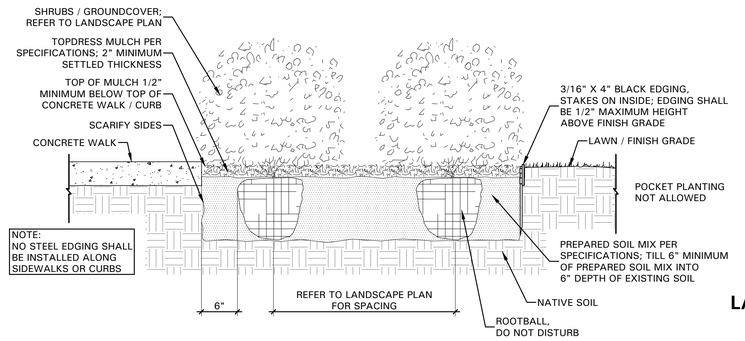
H. BACKFILL: USE EXISTING NATIVE SOIL (no amendments) WATER THOROUGHLY TO ELIMINATE AIR POCKETS.

I. MULCH: DOUBLE SHREDDED HARDWOOD MULCH 2 INCH SETTLED THICKNESS, WITH 2" HT. WATERING RING; ENSURE THAT ROOT FLARE IS EXPOSED. BELOW GROUND STAKE SHOULD NOT BE VISIBLE.

J. TREE STAKES:
TREE STAKE SOLUTIONS 'SAFETY STAKE' BELOW GROUND MODEL AVAILABLE FROM:
Tree Stake Solutions
ATTN: Jeff Tuley
(903) 676-6143
jeff@treestakesolutions.com
www.treestakesolutions.com

OR APPROVED EQUAL. TREES SHALL BE STAKED BELOW GROUND WHERE NECESSARY; ABOVE GROUND STAKING IS EXPRESSLY PROHIBITED.

K. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY OF THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION OF TREE STAKES. CONTRACTOR SHALL ADHERE TO MANUFACTURER'S INSTALLATION GUIDELINES, SPECIFICATIONS, AND OTHER REQUIREMENTS FOR TREE STAKE INSTALLATION.



02 SHRUB / GROUNDCOVER DETAIL
NOT TO SCALE

LANDSCAPE SPECIFICATIONS AND DETAILS

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION

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01/18/19

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SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L2.03

2.3 SITE PLAN: SIGNAGE

Requirements	✓= OK	N/A	Comments	UDC Reference
NOTE: *All signage shall conform to Chapter 32 of the Rockwall Municipal Code of Ordinance, unless otherwise specified in an Overlay District or Planned Development District with specific signage requirements.*				
Proposed or Existing Signage	☐	☐	Indicate the location and type of all proposed and/or existing signage on the site plan. Additionally, provide a detail or cut-sheet showing the elevations, lighting and dimensions of the proposed signage.	-

2.4 SITE PLAN: SCREENING

Requirements	✓= OK	N/A	Comments	UDC Reference
Indicate the Type and Location of any Existing and/or Proposed Fences	☐	☑	Label the height and type of fence proposed or existing. All fencing shall conform to Chapter 10, Article XI of the Code of Ordinances.	Art. V 1.7
Utility Equipment Screening (Pad or Ground Mounted)	☑	☐	Pad mounted utility equipment, and air conditioning units, shall be screened from horizontal view from any adjacent public street and from any adjacent property. Utility equipment and air conditioning units shall be screened utilizing plantings, berms, or walls matching the main structure.	Art. V 1.5.3
Utility Equipment Screening (Roof Mounted)	☑	☐	All buildings must be designed such that no roof mounted mechanical equipment, HVAC, or satellite dishes shall be visible from any direction.	Art. V 1.5.3
Above Ground Storage Tanks	☐	☑	Aboveground storage tanks shall be screened utilizing plantings, berms, or walls matching the main structure.	Art. V 1.5.4
Dumpster Screening	☐	☑	Dumpster storage should be located to the rear of the buildings with proper access. Trash dumpster shall not be located in any required parking space and shall allow proper access by service trucks. The minimum enclosure area shall be 12'x10'. A minimum of 6" bollards will be required at potential impact zones and the pad site shall be paved to city standards.	Art. V 1.5.2
Outside Storage	☑	☐		
Off-Street Loading Dock Screening	☑	☐	Off-street loading docks must be screened from all public streets and any residential district that abuts or is directly across a public street or alley from the lot. The screening must be at least six feet in height and may be provided by using a masonry fence, berms, plantings or a combination of the above.	Art. V 1.5.1
Residential Adjacency Standards	☑	☐	The director may require wing walls, landscape screens, changes in building orientation, and/or other architectural elements to minimize the impact of uses adjacent to residential property within 150 feet (also reference *Art. VIII 5.2*).	Art. V 1.6

3.1 LANDSCAPE PLAN

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Site Data	☑	☐	Provide the same site data information required in Section *2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements* of this checklist.	Art. VIII 4.3
Impervious Area vs. Landscape/Open Space Area Provided and Required (As Per Zoning District)	☑	☐	Indicate the applicable zoning district the percentage of landscaping required and provided, and the impervious area vs. the amount of landscaping and open spaces required and provided.	Art. VIII 5.12
Landscape Table	☑	☐	Provide a landscape table showing plant materials, quantities, size and spacing for existing and proposed landscaping. Complete description of plant materials shown on the plan, including names, locations, qualities, container or caliper sizes at installation, heights, spread, and spacing requirements should also be listed on the plan.	Art. VIII 4.3

Indicate all Landscaping	☑	☐	Indicate the locations of all existing and proposed landscaping.	-
Location of Water Courses and Significant Drainage Features	☑	☐	Indicate the locations of all existing and/or proposed water courses and the location of any existing and/or proposed significant drainage features.	Art. VIII 4.3
Indicate all Landscape Buffers	☑	☐	Indicate the locations and dimensions of the required landscape buffers.	Art. VIII 5.1
Acceptable Landscape Materials:				Art. VIII 5.3
✓ Trees allowed in Street Landscape Buffers	☑	☐	Cedar Elm, Texas Red Oak, Homestead Elm, Lace Bark Elm, Bald Cypress, Chinese Pistachio, October Glory Maple, Pecan, Texas Ash, Live Oak, Chinquapin Oak, and Burr Oak (Understory Trees: Texas Redbud, Mexican Plum, Downy Hawthorn, Wax Myrtle, Yaupon, and Deciduous Yaupon)	Art. VIII 5.3.E
✓ Trees not allowed in Landscape Buffers	☑	☐	Silver Maple, Box Elder, Mimosa, Catalpa, Hackberry, Sugarberry, Honey Locust, Tulip Tree, Chinaberry, Sycamore, Cottonwood, Willows, American Elm, Siberian Elm, Jerusalem Thorn/Petuma, Bois D'Arc, Flowering Crabapple Tree, Ginko Tree, Peach/Plum, Mulberry, Texas Mountain Laurel, Lilac Chaste Tree, and Pine Tree.	Art. VIII 5.3.F
Protected Trees (To Remain On Site)	☑	☐	Indicate the location and provide a description by type and size of all existing protected trees (4" or larger) proposed to be retained. Such trees shall be marked and a drip line of said tress shall be protected prior to and during all construction, including dirt work.	Art. IX 3
Parking Lot Landscaping	☑	☐	Complete description of landscaping and screening to be provided in or near off-street parking and loading areas, including the information as to the amount (in sq. ft.) of landscape area to be provided internal to parking areas, the total square included in the parking area, and the number and location of required off-street parking and loading spaces.	Art. VIII 5.9
Location of all Site Amenities	☐	☑	Identify the size, height, location, and material of proposed seating, lighting, planter's sculptures, water features and landscape paving and other public amenities.	Art. VIII 4.3
Identify Visibility Triangles	☑	☐	Identify visibility triangles on all lots for all driveway intersections and public streets.	
Street Trees	☑	☐	Large trees (a species which normally reaches a height of 30 feet or more upon maturity) shall be provided in the required street landscape buffer in numbers equal to one (1) tree for every 50 feet of street frontage.	Art. VIII 5.7
Tree Locations	☑	☐	Trees must be planted at least five feet from water, sewer and storm sewer lines.	Art. VIII 4.3
Irrigation Requirements Note	☑	☐	Provide note indicating irrigation will meet requirements of UDC.	Art. VIII 5.5

4.1 TREESCAPE PLAN

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Site Data	☑	☐	Provide the same site data information required in Section *2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements* of this checklist.	-
Buildings	☑	☐	Indicate the location of all existing or proposed structures, and/or the building pads as shown on the grading plan.	-
Indicate all Site Elevations, Grades, Major Contours and the Limits of Construction	☑	☐		Art. IX 3
Protected Trees (To Remain On Site)	☑	☐	Indicate the location and provide a description by type and size of all existing protected trees (4" or larger) proposed to be retained. Such trees shall be marked and a drip line of said tress shall be protected prior to and during all construction, including dirt work.	Art. IX 3

Protected Trees (To be Removed from the Site)	☑	☐	Indicate the location of all protected trees (4" or larger) that are to be removed from the site and the proposed locations of all replacement trees.	Art. IX 3
Treescape Table	☑	☐	Provide a table showing the total inches of trees to be removed and the total inches of trees to be replaced.	Art. IX 3

5.1 PHOTOMETRIC AND LIGHTING PLANS

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Site Data	☐	☐	Provide the same site data information required in Section *2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements* of this checklist.	-
Indicate Lighting Levels (in Foot Candles [FC])	☐	☐	Show lighting levels in foot-candles (FC) measured throughout the site and extended to all property lines of the subject property.	Art. VII 3.4
Adjacent Property with Common Lot Lines:				Art. VII 3.3
✓ Residential Use	☐	☐	The allowable maximum light intensity measured at the property line of a residential property shall be 0.2 of one foot candle.	Art. VII 3.3.B
✓ Commercial Use	☐	☐	The allowable maximum light intensity measured at the property line of a non-residential property shall be 0.2 of one foot candle. *Subject to requirements in Art. VII 3.3.C.*	Art. VII 3.3.C
Under-Canopy Lighting	☐	☐	Under canopy lighting (i.e. fuel stations, drive through lanes and covered parking structures) shall not exceed 0.35 of one foot candle (with the exception below).	Art. VII 3.3.G.1
Lighting for Motor Vehicle Dealerships	☐	☐	Shall not exceed 0.3 of one foot candle within the front yard of the development. The remainder will comply with the 0.2 of one foot candle.	Art. VII 3.3.G.2
Lighting in Parking Areas	☐	☐	Parking areas are not to exceed a maintained average of 1.5 foot candles at ground level, and shall distribute not more than 0.2 of one foot candle of light upon any adjacent property.	Art. VI 3.4.A
Indicate all Exterior Lighting	☐	☐	Indicate the location and type of all exterior lighting, including pole mounted, wall-mounted, signage, etc.	
Indicate the Mounting Height for all Proposed Light Fixtures	☐	☐	No light pole, base or combination thereof shall exceed 30 feet, unless further restricted within an Overlay District.	Art. VII 3.3.D
Indicate the Wattage of all Light Sources	☐	☐		
Proposed Light Fixtures	☐	☐	Provide elevation drawings and/or cut-sheets of proposed light fixtures on/with photometric plan.	-

6.1 BUILDING ELEVATIONS: NON-INDUSTRIAL

Requirements	✓= OK	N/A	Comments	UDC Reference
NOTE: *Specific Zoning and Overlay Districts may have additional design and material requirements.*				
Provide Exterior Elevations	☐	☐	North South East West (Circle all that apply)	-
Indicate Exterior Elevations Adjacent to Public Right-of-Way	☐	☐	North South East West (Circle all that apply)	-
90% Masonry Requirement	☐	☐	***For Buildings less than 25,000 Sq. Ft.:*** Exterior walls should consist of 90% masonry materials excluding doors and windows. ***For Buildings greater than 25,000 Sq. Ft.:*** 90% of exterior walls shall consist of brick, stone, split faced CMU, plaster, stucco or a combination of.	Art. 4.1.A.1 Art.4.1.D.2
Indicate Amount and Location of the 20% (of the 90%) Stone Requirement.	☐	☐	Applies to facades that are visible from a public right-of-way and/or open space.	Art. 4.1.A.1
Indicate the Surface Area of Each Facade	☐	☐	Indicate the surface area (square feet) of each façade and the percentage and square footage of each material used on that façade.	-
Proposed Building Materials	☐	☐	Specifications and description of all proposed building materials, on all proposed buildings.	-
Indicate the Roofing Materials and Color	☐	☐		-

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D-Series Size 1
LED Area Luminaire

dsseries

Specifications

EPA:	1.121 ft² (0.09 m²)
Length:	33" (838 mm)
Width:	13" (330 mm)
Height:	7-1/2" (191 mm)
Weight (max):	27 lbs (12.3 kg)

Catalog Number
Notes
Type
Hit Count

Introduction

The D-Series Size 1 Area Luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Size 1 is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

SiteSync® Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromaticity consistency.
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability.
- This luminaire is part of an A+ Certified solution for ROAM® or Xpoint™ Wireless control networks, providing out-of-the-box control-compatibility paired with simple commissioning, when ordered with drivers and control options marked by a shaded background.

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM® node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

A+ Capable options indicated by fifth color background.

Ordering Information EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

DSX1LED

Series	LEDs	Color temperature	Distribution	Voltage	Mounting
DSX1 LED	**Forward optics** P1 P4 P7 P2 P5 P8 P3 P6 P9 **Rotated optics** P10* P12* P11* P13*	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T1S Type 1 Short T2S Type 2 Short T2M Type 2 Medium T3S Type 3 Short T3M Type 3 Medium T4M Type 4 Medium T5W Forward Throw Medium T5VS Type V very short	T5S Type V Short T5M Type V Medium T5W Type V Wide BLC Backlight control[11] LCCO Left corner cutoff[11] RCCO Right corner cutoff[11]	MVOLT[12] 120V[1] 208V[1] 240V[1] 277V[1] 347V[1] 480V[1] **Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adapter[2] RPUMBA Round pole universal mounting adapter[2] **Shipped separately** KMA8 DDBXD U Mast arm mounting bracket adapter (specify finish)[2]

Control options	Other options	Finish (required)
Shipped included NLTAIR2 nLight AIR generation 2 enabled[3] PER NEMA twist-lock receptacle only (controls ordered separate)[13] PER5 Five-wire receptacle only (controls ordered separate)[13,14] PIRT Seven-wire receptacle only (controls ordered separate)[13,14] DMG 0-10V dimming extend out back of housing for external control (leads exit fixture) DS Dual switching[15,16] PIR Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc[15,16,18] PIRH Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc[15,16,18] PIRHN Network, Bi-level motion/ambient sensor[4] PIR1FC3V Bi-level, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc[15,16,18]	PIRH1FC3V Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[15,16,18] BL30 Bi-level switched dimming, 30% ±10%[16] BL50 Bi-level switched dimming, 50% ±10%[16] PNMTDD3 Pole mount, dim 0-10v[17] PNMTDD2 Pole mount, dim 0-10v,[17] 2 fixtures PNMTDD4 Pole mount, dim 0-10v[17] PNMTDD5 Pole mount, dim 0-10v[17] 2 fixtures FAO Field adjustable output[19]	**Shipped included** HS House-side shield[20] SF Single fuse (120, 277, 347V)[21] DF Double fuse (208, 240, 480V)[21] L90 Left rotated optics[22] R90 Right rotated optics[22] **Shipped separately** BS Bird spikes[23] SGS External glare shield[20]	**Shipped included** DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Accessories

Ordered and shipped separately.

DSHIELD Square side shield for use on four sides of luminaire (one required per luminaire)[24]
DSHIELD-L Square side shield for use on two sides of luminaire (one required per luminaire)[24]
DSHIELD-R Right side shield for use on one side of luminaire (one required per luminaire)[24]
DSHIELD-W Wraparound shield for use on three sides of luminaire (one required per luminaire)[24]

NOTES

1. 347, 480V is not available with P6, P9Rt, P9Lft/Dt or P9Rt/Ft/Dt.
2. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
4. Only available with 20C, 700mA or 1000mA. Not available with P8 or P9.
5. Not available with P7, P8, P9, PIR, PIRH, PIR1FC3V, PIRH1FC3V, PIRHN or external glare shield.
6. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
7. Reference Motion Sensor table on page 3.
8. Reference Controls Options table on page 4 for details on nLight AIR and wireless compatibility with control every application. Not available with BWH mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency inside IES files located on product page at www.lithonia.com.
9. Not available with ELCW.
10. Also available as a separate accessory; see Accessories information.

D-Series Size 1
LED Wall Luminaire

dsseries

Specifications

Luminaire

Widths:	13-3/4" (34.9 cm)
Depths:	10" (25.4 cm)
Height:	6-3/8" (16.2 cm)
Weight:	12 lbs (5.4 kg)

Back Box (BBW, ELCW)

Widths:	13-3/8" (34.9 cm)
Depths:	4" (10.2 cm)
Height:	6-3/8" (16.2 cm)
Weight:	BBW 5 lbs (2.3 kg) ELCW 10 lbs (4.5 kg)

Ordering Information EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED

Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine)[1] 20C 20 LEDs (two engines)[1]	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A)[1]	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium T5FTM Forward Throw Medium AFTM Asymmetric diffuse	MVOLT[2] 120V[1] 208V[1] 240V[1] 277V[1] 347V[1] 480V[1]	Shipped included (blank) Surface mounting bracket BBW Surface mounting back box (for conduit entry)[3]	Shipped included PE Photoelectric cell, button type[4] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, <15' mtg ht.[5,6] PIRH 180° motion/ambient light sensor, 15-30' mtg ht.[5,6] PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc[5,6] PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[5,6] ELCW Emergency battery backup (includes external component enclosure), not CEC compliant[7]

Optics (required)	Finish (required)		
Shipped included SF Single fuse (120, 277 or 347V)[1,8] DF Double fuse (208, 240 or 480V)[1,8] HS House-side shield[9] SPD Separate surge protection	**Shipped separately**[10] BSW Bird-deterrent spikes WG Wire guard VG Vandal guard DDL Diffused drop lens	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White	DSSND Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.

DSXW1 U Square side shield for use on four sides of luminaire (one required per luminaire)
DSXW1 L90 Square side shield for use on two sides of luminaire (one required per luminaire)
DSXW1 R90 Right side shield for use on one side of luminaire (one required per luminaire)
DSXW1 W Wraparound shield for use on three sides of luminaire (one required per luminaire)

NOTES

1. 20C 1000 is not available with P4, P9Rt, P9Lft/Dt or P9Rt/Ft/Dt.
2. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
4. Only available with 20C, 700mA or 1000mA. Not available with P8 or P9.
5. Not available with P7, P8, P9, PIR, PIRH, PIR1FC3V, PIRH1FC3V or external glare shield.
6. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
7. Reference Motion Sensor table on page 3.
8. Reference Controls Options table on page 4 for details on nLight AIR and wireless compatibility with control every application. Not available with BWH mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency inside IES files located on product page at www.lithonia.com.
9. Not available with ELCW.
10. Also available as a separate accessory; see Accessories information.

LUMINAIRE SCHEDULE

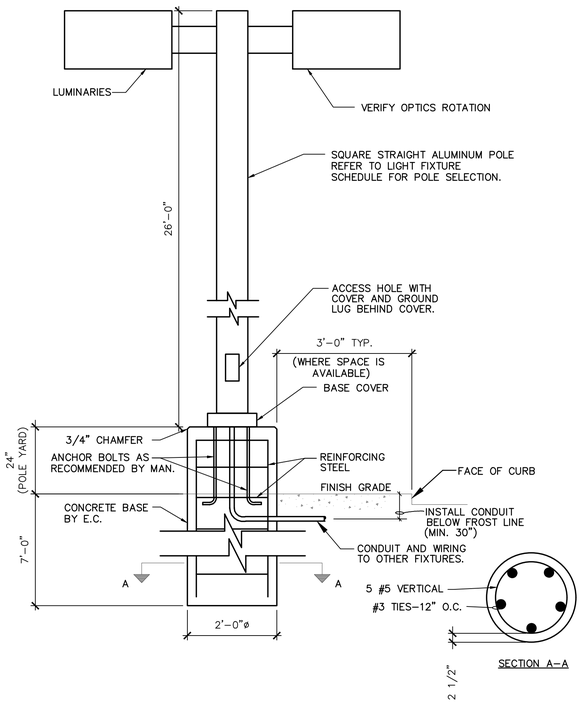
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	SA	17	DSX1 LED P6 50K T4M MVOLT	DSX1 LED P6 50K T4M MVOLT	LED	DSX1_LED_P6_50K_T4M_MVOLT.ies	Absolute	1.00	163
	SAHS	2	DSX1 LED P6 50K T4M MVOLT HS	DSX1 LED P6 50K T4M MVOLT with houseside shield	LED	DSX1_LED_P6_50K_T4M_MVOLT_HS.ies	Absolute	1.00	163
	W1	14	DSXW1 LED 20C 700 50K T2S MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T2S OPTIC, 5000K, @ 700mA.	LED	DSXW1_LED_20C_700_50K_T2S_MVOLT.ies	Absolute	1.00	45.7

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	0.9 fc	4.3 fc	0.0 fc	N / A	N / A

1 SITE PHOTOMETRICS
SCALE: 1" = 60'-0"

NORTH



2 SITE LIGHTING ELEVATION
SCALE: NONE

$TIME$
$DATE$
$FILE$

drawn: JACOB SLUMP
checked: PETER HILGER
date: 01.15.19

Peter A. Hilger, P.E.
1800 East Skelly Drive, Suite 1100
Tulsa, Oklahoma 74135
p: 918.749.3000
f: 918.749.3003

PRECISION ENGINEERING GROUP LLC F-13430

pdg
pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230, 9729759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

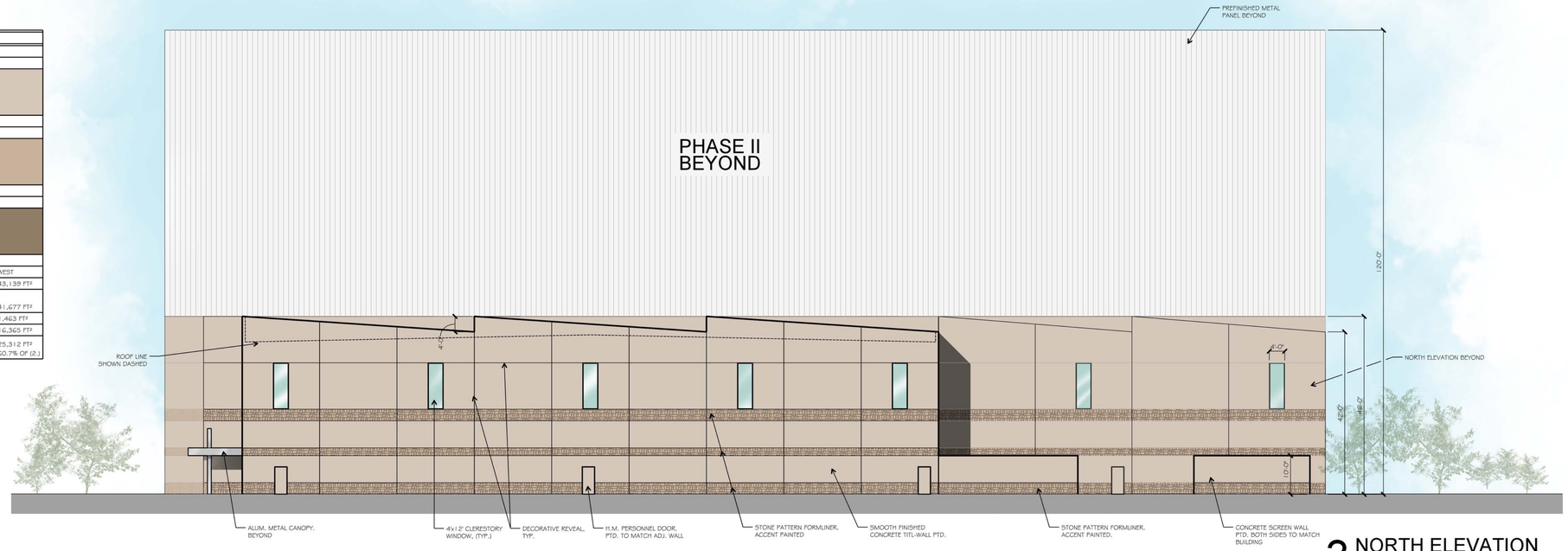
job no

sheet
SE1.1

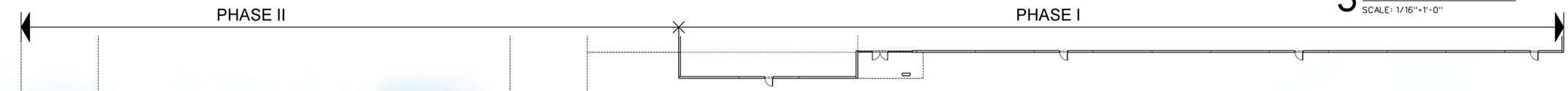
PAINT SCHEME LEGEND
A - BASE COLOR
SHERWIN WILLIAMS - SW9085 TOUCH OF SAND
B - ACCENT COLOR 01
SHERWIN WILLIAMS - SW 7518 BEACH HOUSE
C - ACCENT COLOR 02
SHERWIN WILLIAMS - SW 7550 RESORT TAN

FACADE MATERIAL CALCULATIONS

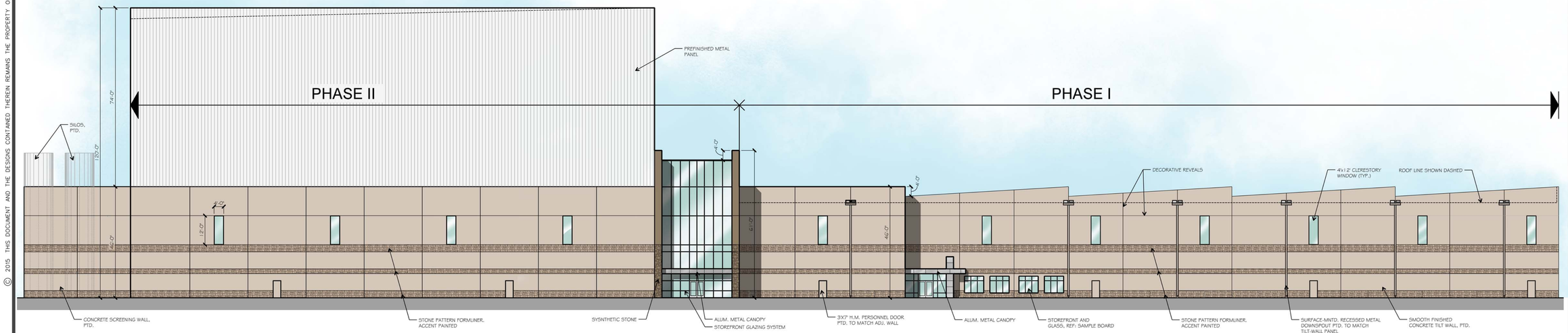
		NORTH	SOUTH	EAST	WEST
1.	TOTAL FACADE SQ. FT.	13,239 FT²	35,004 FT²	45,051 FT²	43,139 FT²
2.	FACADE SQ. FT. EXCLUDING DOORS AND WINDOWS	12,807 FT²	34,644 FT²	42,390 FT²	41,677 FT²
3.	DOORS AND WINDOWS	432 FT²	360 FT²	2,661 FT²	1,463 FT²
4.	METAL	43 FT²	21,417 FT²	16,355 FT²	16,365 FT²
5.	PRIMARY MASONRY TOTALS	12,764 FT² 99.6% OF (2.)	13,227 FT² 61.8% OF (2.)	26,035 FT² 61.4% OF (2.)	25,312 FT² 60.7% OF (2.)



3 NORTH ELEVATION
SCALE: 1/16"=1'-0"



2 PARTIAL FLOOR PLAN
SCALE: 1/20"=1'-0"



1 EAST ELEVATION
SCALE: 1/20"=1'-0"

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$TIME$
$DATE$
$FILE$

drawn: SF
checked MARK W. PROSS
date: 01/04/19

#	DATE	DESCRIPTION

REGISTERED ARCHITECT MARK W. PROSS STATE OF TEXAS
EXPIRES: 08/31/2019

pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no 1850
sheet A3.0

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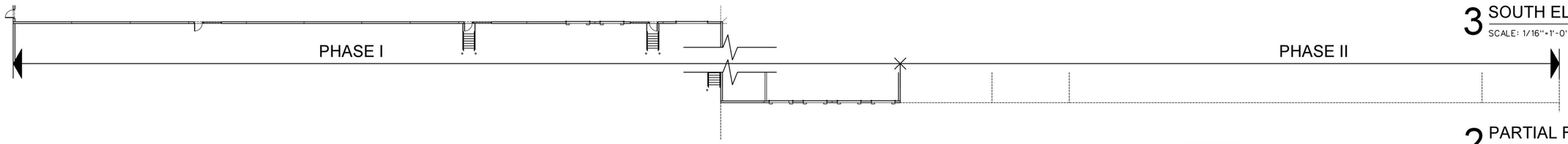
$TIME$
$DATE$
$FILE$

PAINT SCHEME LEGEND
A - BASE COLOR
SHERWIN WILLIAMS - SW9085 TOUCH OF SAND
B - ACCENT COLOR 01
SHERWIN WILLIAMS - SW 7518 BEACH HOUSE
C - ACCENT COLOR 02
SHERWIN WILLIAMS - SW 7550 RESORT TAN

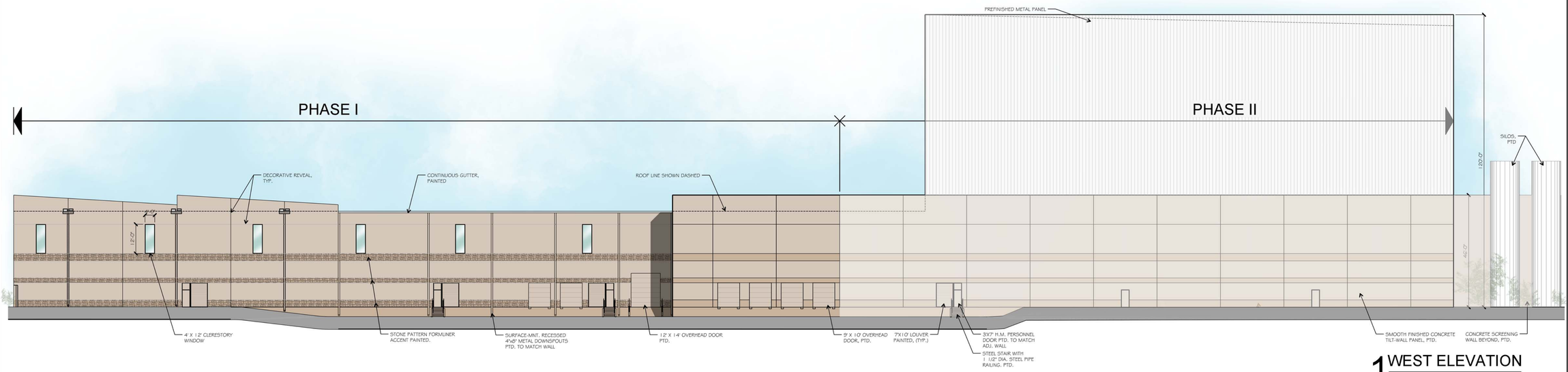
FACADE MATERIAL CALCULATIONS

		NORTH	SOUTH	EAST	WEST
1.	TOTAL FACADE SQ. FT.	13,239 FT²	35,004 FT²	43,032 FT²	43,139 FT²
2.	FACADE SQ. FT. EXCLUDING DOORS AND WINDOWS	12,807 FT²	34,644 FT²	40,371 FT²	41,677 FT²
3.	DOORS AND WINDOWS	432 FT²	360 FT²	2,661 FT²	1,463 FT²
4.	METAL	43 FT²	21,417 FT²	16,355 FT²	16,365 FT²
5.	PRIMARY MASONRY TOTALS	12,764 FT² 99.6% OF (2.)	13,227 FT² 61.8% OF (2.)	24,016 FT² 59.5% OF (2.)	25,312 FT² 60.7% OF (2.)

3 SOUTH ELEVATION
SCALE: 1/16"=1'-0"



2 PARTIAL FLOOR PLAN
SCALE: 1/20"=1'-0"



1 WEST ELEVATION
SCALE: 1/20"=1'-0"

#	DATE	DESCRIPTION

drawn: SF
checked MARK W PROSS
date: 07/04/19

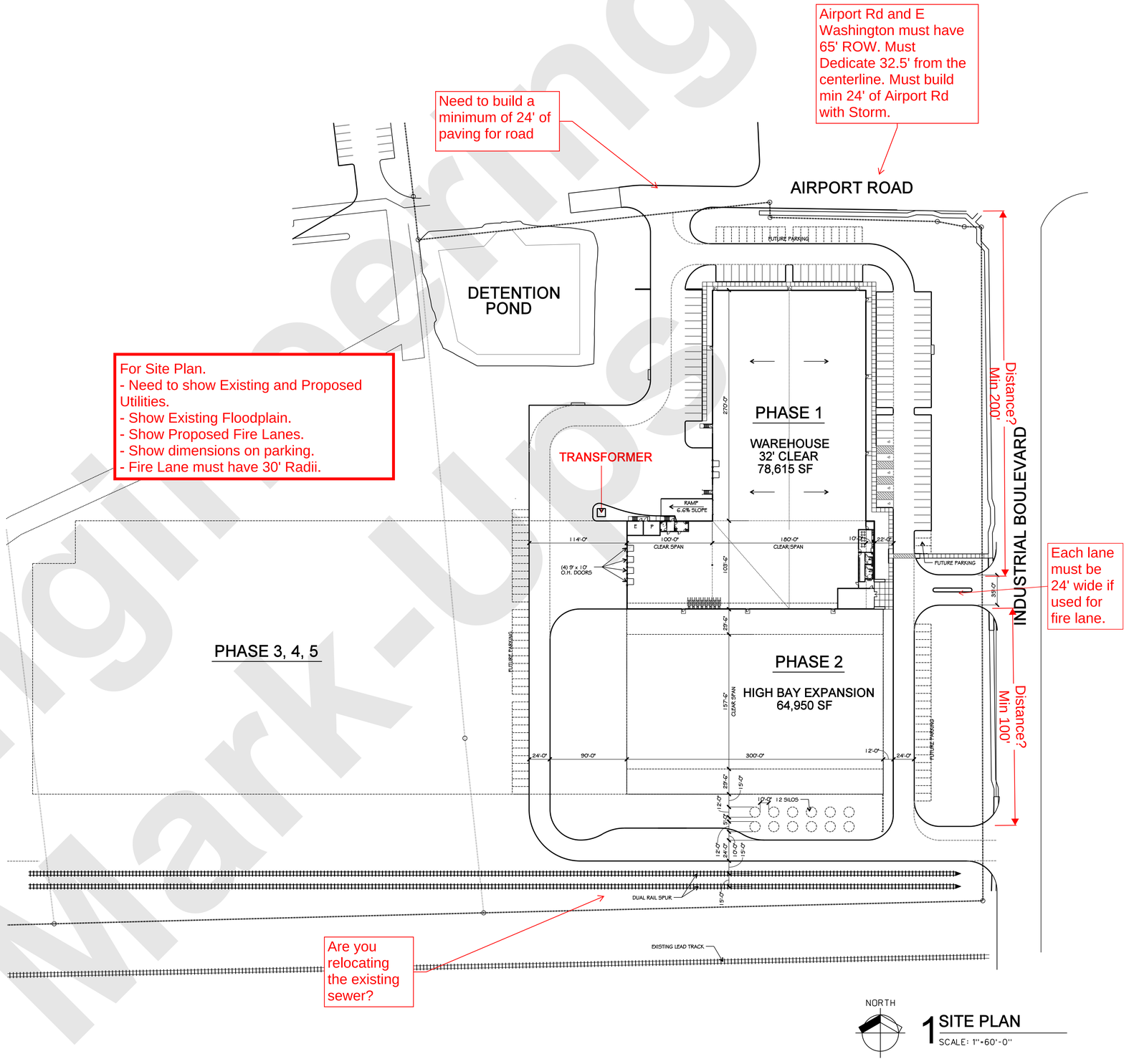
REGISTERED ARCHITECT MARK W. PROSS STATE OF TEXAS
EXPIRES: 08/31/2019

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/759-1400

SPRI PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no 1850
sheet A3.1

- 4% Engineering Inspection Fees
- Impact fees.
- Flood Study is required. LOMR is required during construction.
- WOTUS study is required.
- Min 20' utility easements.
- No structures in easements.
- Fire lane easement to be on plat.
- Fire lane to be 24' wide with 20' radii or larger depending on height of building.
- Parking to be 20'x9'
- No dead-end parking.
- Driveway spacing must be labeled o Site Plan.
- 12" water line available in Airport Rd. Must loop 8" waterline in site.
- 8" sewer available east of property.
- Dumpster area to drain to oil/water separator.
- Must have detention. Manning's "c-value" is per zoning for the entire property. 4:1 max slope...no vertical walls allowed in detention easement
- Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for.
- No trees within 5' of public utilities.
- Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls.
- Must meet all City Engineering Standards.
- Pro-rata due for sewer ($105.18/lf) if you tie sewer along Industrial



1 SITE PLAN
SCALE: 1"=60'-0"

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$TIME$
$DATE$
$FILE$

drawn: SF
checked MARK W. PROSS
date: 01/29/2019

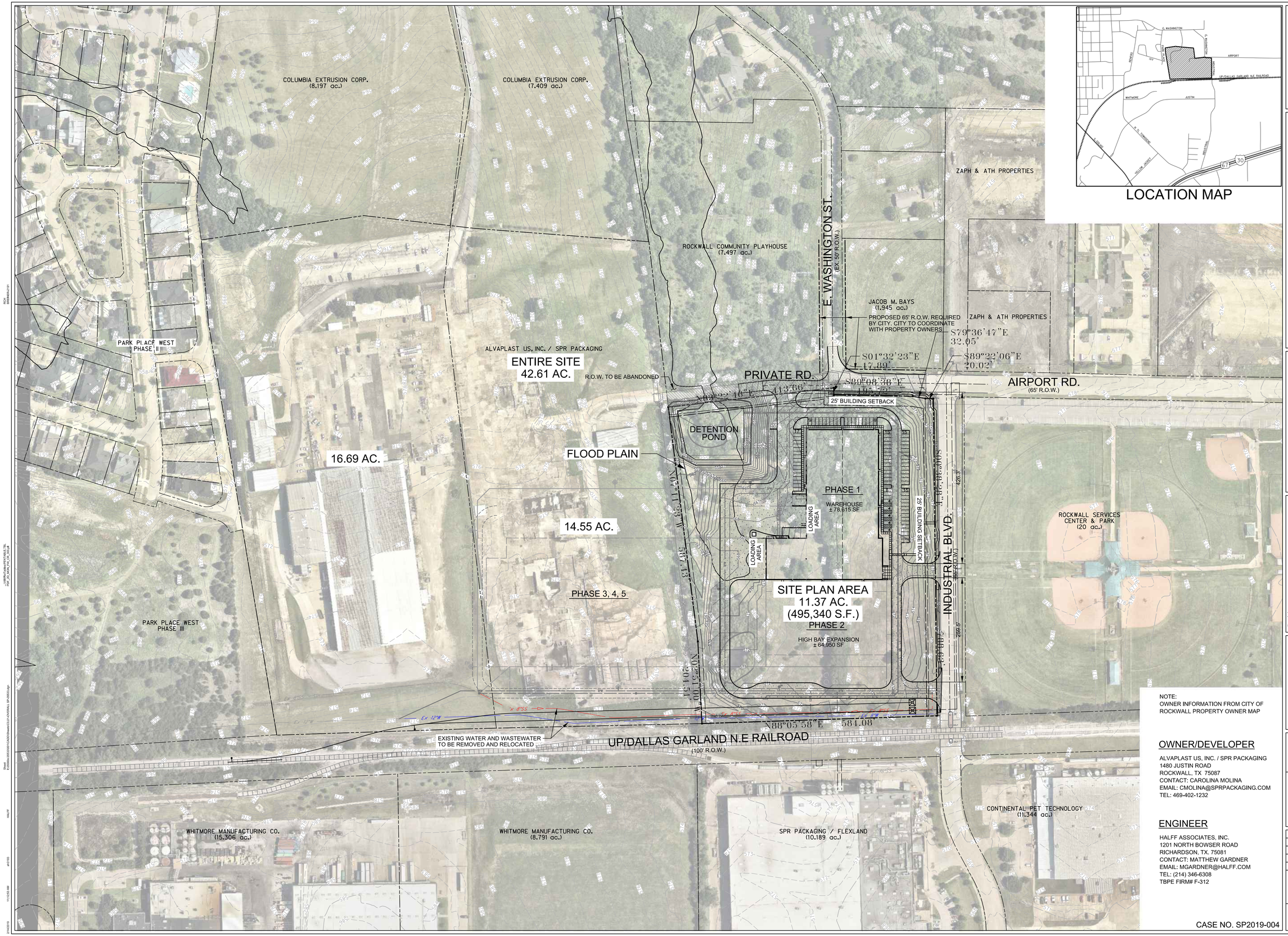
#	DATE	DESCRIPTION

REGISTERED ARCHITECT MARK W. PROSS STATE OF TEXAS EXPIRES: 08/31/2019

pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230. 972/726-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no 1850
sheet A1.0



SPR PACKAGING
ROCKWALL, TEXAS

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081
(214) 346-6200

Revision No.	Date	Description

PRELIMINARY

FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY, OR UNDER THE SUPERVISION OF:

MATTHEW J. GARDNER — 130786
NAME — P.E. NO.
DATE — 2/14/2019
TBPE FIRM # F-312

NOTE:
OWNER INFORMATION FROM CITY OF ROCKWALL PROPERTY OWNER MAP

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
TEL: 469-402-1232

ENGINEER

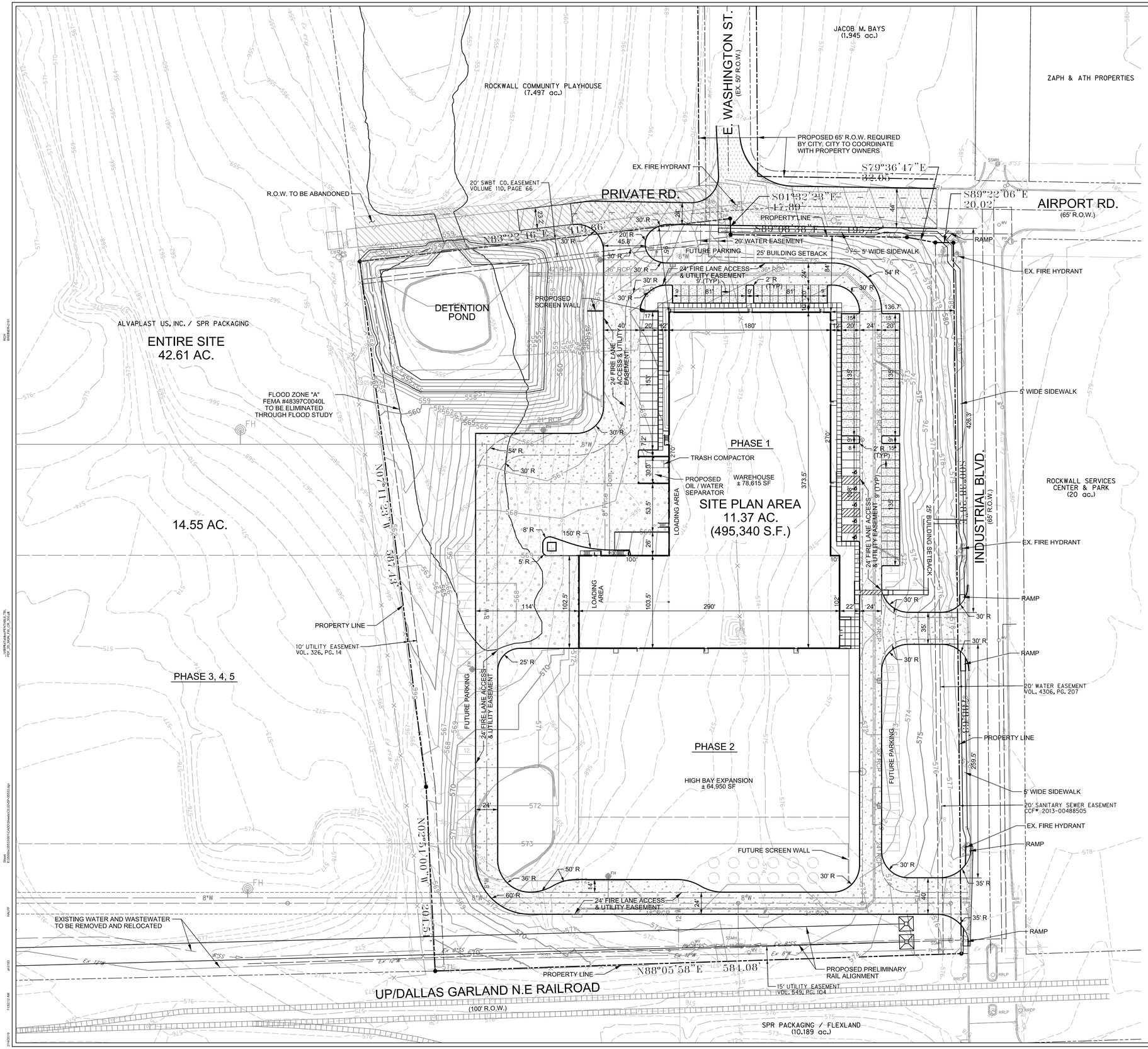
HALFF ASSOCIATES, INC.
1201 NORTH BOWSER ROAD
RICHARDSON, TX. 75081
CONTACT: MATTHEW GARDNER
EMAIL: MGARDNER@HALFF.COM
TEL: (214) 346-6308
TBPE FIRM# F-312

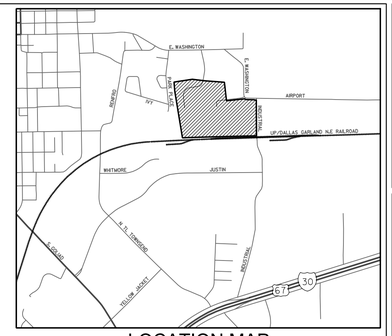
CASE NO. SP2019-004

Project No.:	35533
Issued:	FEBRUARY, 2019
Drawn By:	CAD
Checked By:	MJG
Scale:	AS SHOWN

Sheet Title
OVERALL
SITE PLAN

C0.01
Sheet Number





LOCATION MAP

N

0 25 50 75 100

SCALE: 1"=50'

SITE DATA:

CURRENT ZONING:	(LI) LIGHT INDUSTRIAL
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING
TOTAL SITE AREA:	11.37 AC. (495,340 SF)

BUILDING:		
WAREHOUSE:	78,615	SF
FUTURE WAREHOUSE:	64,950	SF
TOTAL:	143,565	SF

PARKING:		
REQUIRED: 1 SPACE/1000 SF (SEE PARKING LETTER FROM OWNER)		
WAREHOUSE	79	SPACES
FUTURE WAREHOUSE	65	SPACES
TOTAL REQUIRED:	144	SPACES
PROVIDED:	88	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	167	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

LEGEND

- 5" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 6" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 7" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 8" THICK, 4,200 PSI CONCRETE PAVEMENT WITH #3 BARS AT 24" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS

EXISTING LEGEND

- FENCE
- F.H. FIRE HYDRANT
- WV WATER VALVE
- SSMH SANITARY SEWER MANHOLE
- PP POWER POLE
- GUY WIRE

NOTE:
ALL EXISTING UTILITIES LOCATED WITHIN THE PROPOSED IMPROVEMENTS OF AIRPORT ROAD WILL BE COORDINATED AND RELOCATED IF NECESSARY.

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
TEL: 469-402-1232

ENGINEER

HALFF ASSOCIATES, INC.
1201 NORTH BOWSER ROAD
RICHARDSON, TX. 75081
CONTACT: MATTHEW GARDNER
EMAIL: MGARDNER@HALFF.COM
TEL: (214) 346-6308
TBPE FIRM# F-312

CASE NO. SP2019-004

SPR PACKAGING
ROCKWALL, TEXAS

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081
(214) 346-6200

Revision No.	Date	Description

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MATTHEW J. GARDNER	130786
NAME	P.E. NO.
DATE	2/14/2019
TBPE FIRM # F-312	

Project No.:	35533
Issued:	FEBRUARY, 2019
Drawn By:	CAD
Checked By:	MJG
Scale:	AS SHOWN

Sheet Title

DETAILED SITE PLAN

C0.02
Sheet Number

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OVERALL LANDSCAPE PLAN

N

SCALE: 1" = 80'-0"

0 40 80 160

BELLE FIRMA

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTINA ANN HASTINGS
2246
STATE OF TEXAS

02/14/19

pdg

pross design group, incorporated
5510 Harvest Hill Road, Suite 160, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L1.00

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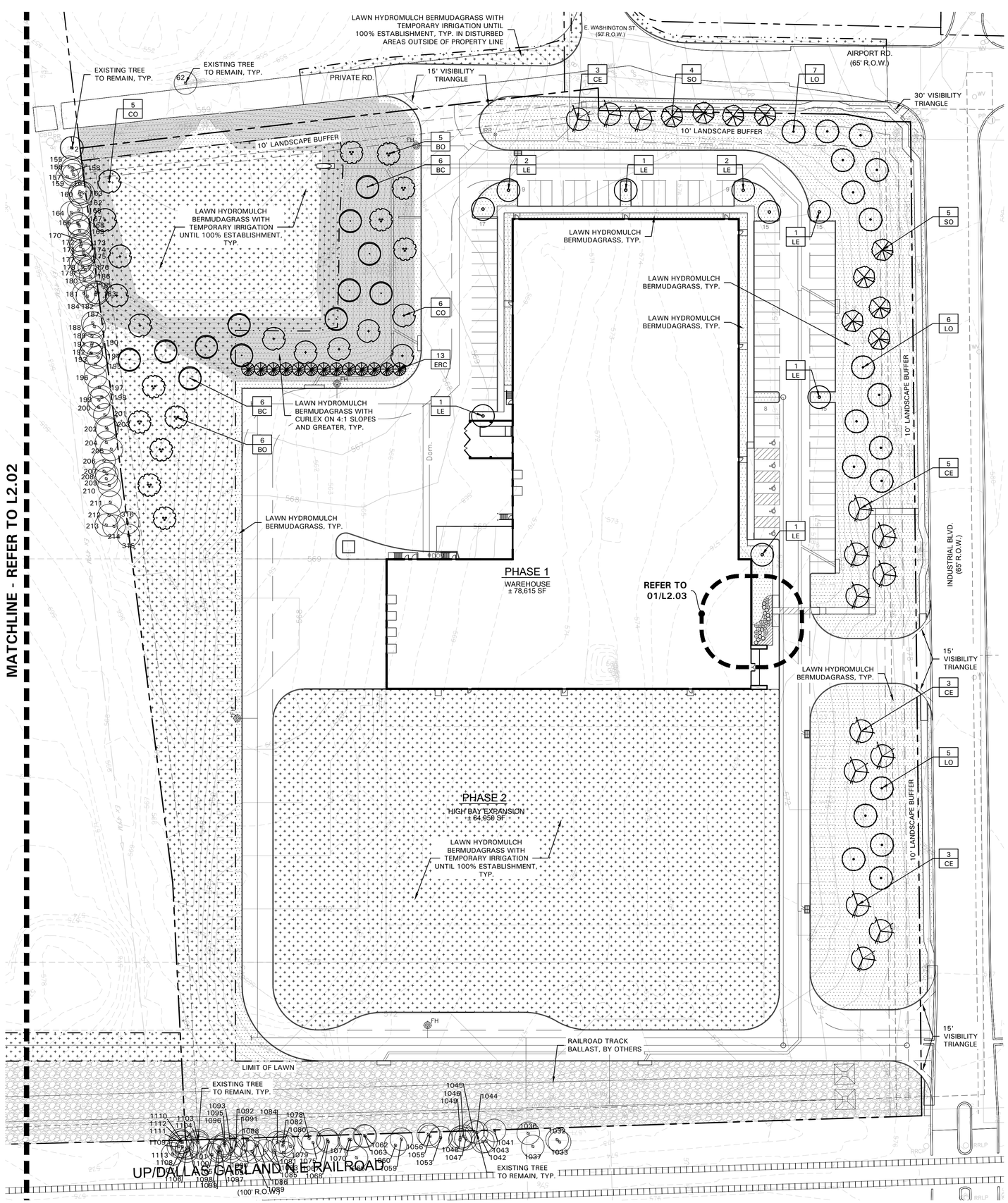

LANDSCAPE NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED SITE ELEMENTS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.
2. CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND UTILITIES.
3. CONTRACTOR SHALL PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
4. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL 3" BELOW FINAL FINISHED GRADE IN PLANTING AREAS AND 1" BELOW FINAL FINISHED GRADE IN LAWN AREAS.
5. ALL PLANTING BEDS AND LAWN AREAS SHALL BE SEPARATED BY STEEL EDGING. NO STEEL EDGING SHALL BE INSTALLED ADJACENT TO BUILDINGS, WALKS, OR CURBS. CUT STEEL EDGING AT 45 DEGREE ANGLE WHERE IT INTERSECTS WALKS AND CURBS.
6. TOP OF MULCH SHALL BE 1/2" MINIMUM BELOW THE TOP OF WALKS AND CURBS.
7. ALL LAWN AREAS SHALL BE HYDROMULCH BERMUDAGRASS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
8. ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS AND EVAPOTRANSPIRATION (ET) WEATHER-BASED CONTROLLERS AND SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALLED BY A LICENSED IRRIGATOR.
9. CONTRACTOR SHALL PROVIDE BID PROPOSAL LISTING UNIT PRICES FOR ALL MATERIAL PROVIDED.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.

MAINTENANCE NOTES

1. THE OWNER, TENANT AND THEIR AGENT, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE.
2. ALL LANDSCAPE SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS SHALL INCLUDE MOWING, EDGING, PRUNING, FERTILIZING, WATERING, WEEDING AND OTHER SUCH ACTIVITIES COMMON TO LANDSCAPE MAINTENANCE.
3. ALL LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS AND OTHER SUCH MATERIAL OR PLANTS NOT PART OF THIS PLAN.
4. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR.
5. ALL PLANT MATERIAL WHICH DIES SHALL BE REPLACED WITH PLANT MATERIAL OF EQUAL OR BETTER VALUE.
6. CONTRACTOR SHALL PROVIDE SEPARATE BID PROPOSAL FOR ONE YEAR'S MAINTENANCE TO BEGIN AFTER FINAL ACCEPTANCE.

LANDSCAPE TABULATIONS

THE CITY OF ROCKWALL, TEXAS

STREET LANDSCAPING

1. 10' wide landscape buffer with one tree per 50 l.f.

INDUSTRIAL BLVD.: 789 l.f.

Required	Provided
(16) trees, 3" cal.	(16) trees, 4" cal.

AIRPORT RD.: 248 l.f.

Required	Provided
(5) trees, 3" cal.	(5) trees, 4" cal.

PARKING LOT LANDSCAPING

1. 5% of the interior parking lot shall be landscape.
2. One (1) tree for every ten (10) parking spaces.
3. All parking spaces shall be a minimum eighty (80) feet from a tree.

Total interior parking lot area: 38,589 s.f.
Total parking spaces: 88 spaces

Required	Provided
1,930 s.f. (5%)	3,164 s.f. (8%)
(9) trees	(9) trees

SITE LANDSCAPING

1. 10% of the total site shall be landscaped for LIGHT INDUSTRIAL.
2. 100% of the total requirements shall be located in the front of and along side buildings for LIGHT INDUSTRIAL.

Total site: 11.37 AC; 495,440 s.f.

Required	Provided
49,544 s.f. (10%)	263,091 s.f. (53%)
49,544 s.f. (100%)	168,824 s.f.

DETENTION BASIN REQUIREMENTS

1. A minimum of one (1) tree for every 750 s.f. of dry land area.

Dry Land Area: 11,107 s.f.

Required	Provided
(15) trees	(15) trees

GENERAL LAWN NOTES

1. CONTRACTOR SHALL COORDINATE OPERATIONS AND AVAILABILITY OF EXISTING TOPSOIL WITH ON-SITE CONSTRUCTION MANAGER.
2. CONTRACTOR SHALL LEAVE LAWN AREAS 1" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
3. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
4. ALL LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER OR LANDSCAPE ARCHITECT PRIOR TO LAWN INSTALLATION.
5. CONTRACTOR SHALL REMOVE ALL ROCKS 3/4" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
6. CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION.
7. CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.

SOLID SOD NOTES

1. PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY. ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
2. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
3. WATER SOD THOROUGHLY AS SOD OPERATION PROGRESSES.
4. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVER-SEED BERMUDAGRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

HYDROMULCH NOTES

1. CONTRACTOR SHALL SCARIFY, RIP AND LOOSEN ALL AREAS TO BE HYDROMULCHED TO A MINIMUM DEPTH OF 4" PRIOR TO TOPSOIL AND HYDROMULCH INSTALLATION.
2. BERMUDAGRASS SEED SHALL BE EXTRA HULLED AND TREATED LAWN TYPE, SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL MEET STATE LAW REQUIREMENTS.
3. FIBER SHALL BE ONE HUNDRED PERCENT (100%) WOOD CELLULOSE FIBER, DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AS MANUFACTURED BY 'CONWEB' OR EQUAL.
4. FIBER TACK SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL BE 'TERRO-TACK ONE', AS MANUFACTURED BY GROWERS, INC. OR EQUAL.
5. HYDROMULCH WITH BERMUDAGRASS SEED AT A RATE OF TWO (2) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.
6. USE A 4'X8' BATTER BOARD AGAINST ALL BED AREAS.
7. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MAY 1, ALL HYDROMULCH AREAS TO BE WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. CONTRACTOR SHALL BE REQUIRED TO RE-HYDROMULCH WITH BERMUDAGRASS THE FOLLOWING GROWING SEASON AS PART OF THIS CONTRACT.
8. ALL LAWN AREAS TO BE HYDROMULCHED SHALL HAVE ONE HUNDRED PERCENT (100%) COVERAGE PRIOR TO FINAL ACCEPTANCE.

CITY OF ROCKWALL NOTES

1. **NO TREES WITHIN 5'-0" OF ANY UTILITIES**
2. **IRRIGATION SYSTEM WILL MEET REQUIREMENTS IN THE UDC**

PLANT LEGEND

SYMBOL	COMMON NAME
AB	Dwarf Abelia 'Edward Goucher'
AN	Andorra Juniper
BC	Bald Cypress
BO	Bur Oak
CE	Cedar Elm
CO	Chinkapin Oak
ERC	Eastern Redcedar
IH	Indian Hawthorne 'Clara'
LE	Lacebark Elm
LO	Live Oak
MFG	Mexican Feathergrass
SO	Shumard Red Oak

REFER TO L2.03 FOR PLANT LIST

SCALE: 1" = 40'-0"
0 20 40 80

LANDSCAPE PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DESCRIPTION	DATE
	CITY COMMENTS	02/14/19

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT KAREN HUDDLESTON 2246 STATE OF TEXAS
02/14/19

pross design group, incorporated
5510 Harwood Hill Road, Suite 160, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no
sheet
L2.01

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AN	Andorra Juniper
BC	Bald Cypress
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ERC	Eastern Redcedar
IH	Indian Hawthorne 'Clara'
LE	Lacebark Elm
LO	Live Oak
MFG	Mexican Feathergrass
SO	Shumard Red Oak

REFER TO L2.03 FOR PLANT LIST

LANDSCAPE PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

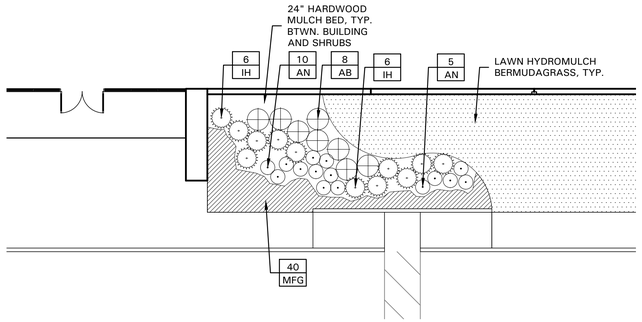
REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5510 Harvest Hill Road, Suite 160, Dallas, Texas 75230. 972/239-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L2.02



01 SOUTHEAST ENTRANCE
SCALE: 1" = 10'-0"

PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
	TREES				
BC	*Taxodium distichum*	Bald Cypress	12	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
BO	*Quercus macrocarpa*	Bur Oak	11	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
CE	*Ulmus crassifolia*	Cedar Elm	14	4" cal.	B&B, 15' ht., 5' spread, 5' branching ht., matching
CO	*Quercus muehlenbergii*	Chinkapin Oak	11	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
ERC	*Juniperus virginiana*	Eastern Redcedar	13	6' ht.	B&B or container grown, full to base, 3' spread
LE	*Ulmus parvifolia 'Sempervirens'*	Lacebark Elm	9	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
LO	*Quercus virginiana*	Live Oak	112	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
SO	*Quercus shumardii*	Shumard Red Oak	9	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
	SHRUBS/GROUNDCOVER				
AB	*Abelia grandiflora 'Edvard Goucher'*	Dwarf Abelia 'Edvard Goucher'	8	5 gal.	container full, 24" spread, 36" o.c.
AN	*Juniperus tobira 'Andorra'*	Andorra Juniper	15	5 gal.	container full, 20" spread, 24" o.c.
IH	*Raphiolepsis indica 'Clara'*	Indian Hawthorne 'Clara'	12	5 gal.	container full, 20" spread, 36" o.c.
MFG	*Nassella tenuissima*	Mexican Feathergrass	40	1 gal.	container full, 24" o.c.
	Cynodon dactylon	Common Bermudagrass			refer to notes

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.
PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.
ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

PLANT LIST BY OTHERS

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
	TREES				
ERC	*Juniperus virginiana*	Eastern Redcedar	105	3" cal.	B&B or container grown, full to base, 3' spread, 7' ht. min.

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.
PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.
ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

SITE DATA:

CURRENT ZONING:	(LI) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	68,465	SF
FUTURE WAREHOUSE:	74,750	SF
TOTAL:	143,215	SF
PARKING:		
REQUIRED:		
WAREHOUSE (1 SPACE/1000 SF):	68	SPACES
FUTURE WAREHOUSE (1 SPACE/100SF):	75	SPACES
TOTAL REQUIRED:	143	SPACES
PROVIDED:	86	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	165	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

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LANDSCAPE ENLARGEMENT PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

REGISTERED LANDSCAPE ARCHITECT
BRIAN HAMM
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L2.03

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SECTION 32 9300 - LANDSCAPE

PART 1 - GENERAL

1.1 REFERENCED DOCUMENTS

A. Refer to Landscape Plans, notes, details, bidding requirements, special provisions, and schedules for additional requirements.

1.2 DESCRIPTION OF WORK

A. Work included: Furnish all supervision, labor, materials, services, equipment and appliances required to complete the work covered in conjunction with the landscaping covered in these specifications and landscaping plans, including:

1. Planting (trees, shrubs and grasses)
2. Bed preparation and fertilization
3. Notification of sources
4. Water and maintenance until final acceptance
5. Guarantee

1.3 REFERENCE STANDARDS

A. American Standard for Nursery Stock published by American Association of Nurserymen: 27 October 1980, Edition; by American National Standards Institute, Inc. (Z60.1) – plant material

B. American Joint Committee on Horticultural Nomenclature: 1942 Edition of Standardized Plant Names.

C. Texas Association of Nurserymen, Grades and Standards

D. Hortis Third, 1976 - Cornell University

1.4 NOTIFICATION OF SOURCES AND SUBMITTALS

A. Samples: Provide representative quantities of sandy loam soil, mulch, bed mix material, gravel, crushed stone, steel edging and tree stakes. Samples shall be approved by Owner's Authorized Representative before use on the project.

1.5 JOB CONDITIONS

A. General Contractor to complete the following punch list: Prior to Landscape Contractor initiating any portion of landscape installation, General Contractor shall leave planting bed areas three (3") inches below final finish grade of sidewalks, drives and curbs as shown on the drawings. All lawn areas to receive solid sod shall be left one (1") inch below the final finish grade of sidewalks, drives and curbs. All construction debris shall be removed prior to Landscape Contractor beginning any work.

B. Storage of materials and equipment at the job site will be at the risk of the Landscape Contractor. The Owner cannot be held responsible for theft or damage.

1.6 MAINTENANCE AND GUARANTEE

A. Maintenance:

1. The Landscape Contractor shall be held responsible for the maintenance of all work from the time of planting until final acceptance by the Owner. No trees, shrubs, groundcover or grass will be accepted unless they show healthy growth and satisfactory foliage conditions.
2. Maintenance shall include watering of trees and plants, cultivation, weeding spraying, edging, pruning of trees, mowing of grass, cleaning up and all other work necessary of maintenance.
3. A written notice requesting final inspection and acceptance should be submitted to the Owner at least seven (7) days prior to completion. An on-site inspection by the Owner's Authorized Representative will be completed prior to written acceptance.

B. Guarantee:

1. Trees, shrubs and groundcover shall be guaranteed for a twelve (12) month period after final acceptance. The Contractor shall replace all dead materials as soon as weather permits and upon notification of the Owner. Plants, including trees, which have partially died so that shape, size, or symmetry have been damaged, shall be considered subject to replacement. In such cases, the opinion of the Owner shall be final.

   a. Plants used for replacement shall be of the same size and kind as those originally planted and shall be planted as originally specified. All work, including materials, labor and equipment used in replacements, shall carry a twelve (12) month guarantee. Any damage, including ruts in lawn or bed areas, incurred as a result of making replacements shall be immediately repaired.

   b. At the direction of the Owner, plants may be replaced at the start of the next year's planting season. In such cases, dead plants shall be removed from the premises immediately.

   c. When plant replacements are made, plants, soil mix, fertilizer and mulch are to be utilized as originally specified and re-inspected for full compliance with the contract requirements. All replacements are to be included under "Work" of this section.

2. The Owner agrees that for the guarantee to be effective, he will water plants at least twice a week during dry periods and cultivate beds once a month after final acceptance.

3. The above guarantee shall not apply where plants die after acceptance because of injury from storms, hail, freeze, insects, diseases, injury by humans, machines or theft.

4. Acceptance for all landscape work shall be given after final inspection by the Owner provided the job is in a complete, undamaged condition and there is a stand of grass in all lawn areas. At that time, the Owner will assume maintenance on the accepted work.

C. Repairs: Any necessary repairs under the Guarantee must be made within ten (10) days after receiving notice, weather permitting. In the event the Landscape Contractor does not make repairs accordingly, the Owner, without further notice to Contractor, may provide materials and men to make such repairs at the expense to the Landscape Contractor.

1.7 QUALITY ASSURANCE

A. General: Comply with applicable federal, state, county and local regulations governing landscape materials and work.

B. Personnel: Employ only experienced personnel who are familiar with the required work. Provide full time supervision by a qualified foreman acceptable to Landscape Architect.

C. Selection of Plant Material:

1. Make contact with suppliers immediately upon obtaining notice of contract acceptance to select and book materials. Develop a program of maintenance (pruning and fertilization) which will ensure the purchased materials will meet and / or exceed project specifications.
2. Substitutions: Do not make plant material substitutions. If the specified landscape material is not obtainable, submit proof of non-availability to Landscape Architect, together with proposal for use of equivalent material. At the time bids are submitted, the Contractor is assumed to have located the materials necessary to complete the job as specified.
3. Landscape Architect will provide a key identifying each tree location on site. Written verification will be required to document material selection, source and delivery schedules to site.
4. Measurements: Measure trees with branches and trunks or canes in their normal position. Do not prune to obtain required sizes. Take caliper measurements six inches above ground for trees up to and including 4" caliper size, and twelve inches above ground for larger sizes. Measure main body of all plant material of height and spread dimensions, do not measure from branch or root tip-to-tip.
5. Owner's Authorized Representative shall inspect all plant material with requirements for genus, species, cultivar / variety size and quality.
6. Owner's Authorized Representative retains the right to further inspect all plant material upon arrival to the site and during installation for size and condition of root balls and root systems, limbs, branching habit, insects, injuries and latent defects.
7. Owner's Authorized Representative may reject unsatisfactory or defective material at any time during the process work. Remove rejected materials immediately from the site and replace with acceptable material at no additional cost to the Owner. Plants damaged in transit or at job site shall be rejected.

1.8 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Preparation:

1. Balled and Burlapped (B&B) Plants: Dig and prepare shipment in a manner that will not damage roots, branches, shape and future development.
2. Container Grown Plants: Deliver plants in rigid container to hold ball shape and protect root mass.

B. Delivery:

1. Deliver packaged materials in sealed containers showing weight, analysis and name of manufacturer. Protect materials from deterioration during delivery and while stored on site.
2. Deliver only plant materials that can be planted in one day unless adequate storage and watering facilities are available on job site.
3. Protect root balls by heeling in with sawdust or other approved moisture retaining material if not planted within 24 hours of delivery.
4. Protect plants during delivery to prevent damage to root balls or desiccation of leaves. Keep plants moist at all times. Cover all materials during transport.
5. Notify Owner's Authorized Representative of delivery schedule 72 hours in advance job site.
6. Remove rejected plant material immediately from job site.
7. To avoid damage or stress, do not lift, move, adjust to plumb, or otherwise manipulate plants by trunk or stems.

PART 2 - PRODUCTS

2.1 PLANTS

A. General: Well-formed No. 1 grade or better nursery grown stock. Listed plant heights are from tops of root balls to nominal tops of plants. Plant spread refers to nominal outer width of the plant, not to the outer leaf tips. Plants will be individually approved by the Owner's Authorized Representative and his decision as to their acceptability shall be final.

B. Quantities: The drawings and specifications are complimentary. Anything called for on one and not the other is as binding as if shown and called for on both. The plant schedule is an aid to bidders only. Confirm all quantities on plan.

C. Quality and size: Plant materials shall conform to the size given on the plan, and shall be healthy, symmetrical, well-shaped, full branched and well rooted. The plants shall be free from injurious insects, diseases, injuries to the bark or roots, broken branches, objectionable disfigurements, insect eggs and larvae, and are to be of specimen quality.

D. Approval: All plants which are found unsuitable in growth, or are in any unhealthy, badly shaped or undersized condition will be rejected by the Owner's Authorized Representative either before or after planting and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plant as specified at no additional cost to the Owner.

E. Trees shall be healthy, full-branched, well-shaped, and shall meet the minimum trunk and diameter requirements of the plant schedule. Balls shall be firm, neat, slightly tapered and well wrapped in burlap. Any tree loose in the ball or with a broken root ball at time of planting will be rejected. Balls shall be ten (10") inches in diameter for each one (1") inch of trunk diameter, measured six (6") inches above ball. (Nomenclature confirms to the customary nursery usage. For clarification, the term "multi-trunk" defines a plant having three (3) or more trunks of nearly equal diameter.)

F. Pruning: All pruning of trees and shrubs, as directed by the Landscape Architect prior to final acceptance, shall be executed by the Landscape Contractor at no additional cost to the Owner.

2.2 SOIL PREPARATION MATERIALS

A. Sandy Loam:

1. Friable, fertile, dark, loamy soil, free of clay lumps, subsoil, stones and other extraneous material and reasonably free of weeds and foreign grasses. Loam containing Dallasgrass or Nutgrass shall be rejected.
2. Physical properties as follows:
   a. Clay – between 7-27 percent
   b. Silt – between 15-25 percent
   c. Sand – less than 52 percent
3. Organic matter shall be 3%-10% of total dry weight.
4. If requested, Landscape Contractor shall provide a certified soil analysis conducted by an approved soil testing laboratory verifying that sandy loam meets the above requirements.

B. Organic Material: Compost with a mixture of 80% vegetative matter and 20% animal waste. Ingredients should be a mix of course and fine textured material.

C. Premixed Bedding Soil as supplied by Vital Earth Resources, Gladewater, Texas; Professional Bedding Soil as supplied by Living Earth Technology, Dallas, Texas or Acid Gro Municipal Mix as supplied by Soil Building Systems, Dallas, Texas or approved equal.

D. Sharp Sand: Sharp sand must be free of seeds, soil particles and weeds.

E. Mulch: Double Shredded Hardwood Mulch, partially decomposed, dark brown. Living Earth Technologies or approved equal.

F. Organic Fertilizer: Fertilaid, Sustane, or Green Sense or equal as recommended for required applications. Fertilizer shall be delivered to the site in original unopened containers, each bearing the manufacturer's guaranteed statement of analysis.

G. Commercial Fertilizer: 10-20-10 or similar analysis. Nitrogen source to be a minimum 50% slow release organic Nitrogen (SCU or UF) with a minimum 8% sulfur and 4% iron, plus micronutrients.

H. Peat: Commercial sphagnum peat moss or partially decomposed shredded pine bark or other approved organic material.

2.3 MISCELLANEOUS MATERIALS

A. Steel Edging: All steel edging shall be 3/16" thick x 4" deep x 16' long with 6 stakes per section, painted black at the factory as manufactured by The J.D. Russell Company and under its trade name DURAEDGE Heavy Duty Steel.

B. Staking Material for Shade Trees: refer to details.

C. Gravel: Washed native pea gravel, graded 1 inch to 1-1/2 inch.

D. Filter Fabric: 'Mirafi Mirascape' by Mirafi Construction Products available at Lone Star Products, Inc., (469) 523-0444 or approved equal.

E. River Rock: 'Colorado' or native river rock, 2" - 4" dia.

F. Decomposed Granite: Base material shall consist of a natural material mix of granite aggregate not to exceed 1/8" diameter in size and shall be composed of various stages of decomposed earth base.

PART 3 - EXECUTION

3.1 BED PREPARATION & FERTILIZATION

A. Landscape Contractor to inspect all existing conditions and report any deficiencies to the Owner.

B. All planting areas shall be conditioned as follows:

1. Prepare new planting beds by scraping away existing grass and weeds as necessary. Till existing soil to a depth of six (6") inches prior to placing compost and fertilizer. Apply fertilizer as per Manufacturer's recommendations. Add six (6") inches of compost and till into a depth of six (6") inches of the topsoil. Apply organic fertilizer such as Sustane or Green Sense at the rate of twenty (20) pounds per one thousand (1,000) square feet.
2. All planting areas shall receive a two (2") inch layer of specified mulch.
3. Backfill for tree pits shall be as follows: Use existing top soil on site (use imported topsoil as needed) free from large clumps, rocks, debris, caliche, subsoils, etc., placed in nine (9") inch layers and watered in thoroughly.

C. Grass Areas:

1. Blocks of sod should be laid joint to joint (staggered joints) after fertilizing the ground first. Roll grass areas to achieve a smooth, even surface. The joints between the blocks of sod should be filled with topsoil where they are evidently gaped open, then watered thoroughly.

3.2 INSTALLATION

A. Maintenance of plant materials shall begin immediately after each plant is delivered to the site and shall continue until all construction has been satisfactorily accomplished.

B. Plant materials shall be delivered to the site only after the beds are prepared and areas are ready for planting. All shipments of nursery materials shall be thoroughly protected from the drying winds during transit. All plants which cannot be planted at once, after delivery to the site, shall be well protected against the possibility of drying by wind and Balls of earth of B & B plants shall be kept covered with soil or other acceptable material. All plants remain the property of the Contractor until final acceptance.

C. Position the trees and shrubs in their intended location as per plan.

D. Notify the Owner's Authorized Representative for inspection and approval of all positioning of plant materials.

E. Excavate pits with vertical sides and horizontal bottom. Tree pits shall be large enough to permit handling and planting without injury to balls of earth or roots and shall be of such depth that,when planted and settled, the crown of the plant shall bear the same relationship to the finish grade as it did to soil surface in original place of growth.

F. Shrub and tree pits shall be no less than twenty-four (24") inches wider than the lateral dimension of the earth ball and six (6") inches deeper than it's vertical dimension. Remove and haul from site all rocks and stones over three-quarter (¾") inch in diameter. Plants should be thoroughly moist before removing containers.

G. Dig a wide, rough sided hole exactly the same depth as the height of the ball, especially at the surface of the ground. The sides of the hole should be rough and jagged, never slick or glazed.

H. Percolation Test: Fill the hole with water. If the water level does not percolate within 24 hours, the tree needs to move to another location or have drainage added. Install a PVC stand pipe per tree planting detail as approved by the Landscape Architect if the percolation test fails.

I. Backfill only with 5 parts existing soil or sandy loam and 1 part bed preparation. When the hole is dug in solid rock, topsoil from the same area should not be used. Carefully settle by watering to prevent air pockets. Remove the burlap from the top ⅓ of the ball, as well as all nylon, plastic string and wire. Container trees will usually be root bound, if so follow standard nursery practice of 'root scoring'.

J. Do not wrap trees.

K. Do not over prune.

L. Mulch the top of the ball. Do not plant grass all the way to the trunk of the tree. Leave the area above the top of the ball and mulch with at least two (2") inches of specified mulch.

M. All plant beds and trees to be mulched with a minimum settled thickness of two (2") inches over the entire bed or pit.

N. Obstruction below ground: In the event that rock, or underground construction work or obstructions are encountered in any plant pit excavation work to be done under this section, alternate locations may be selected by the Owner. Where locations cannot be changed, the obstructions shall be removed to a depth of not less than three (3') feet below grade and no less than six (6") inches below the bottom of ball when plant is properly set at the required grade. The work of this section shall include the removal from the site of such rock or underground obstructions encountered at the cost of the Landscape Contractor.

O. Trees and large shrubs shall be staked as site conditions require. Position stakes to secure trees against seasonal prevailing winds.

P. Pruning and Mulching: Pruning shall be directed by the Landscape Architect and shall be pruned in accordance with standard horticultural practice following Fine Pruning, Class I pruning standards provided by the National Arborist Association.

1. Dead wood, suckers, broken and badly bruised branches shall be removed. General tipping of the branches is not permitted. Do not cut terminal branches.
2. Pruning shall be done with clean, sharp tools.
3. Immediately after planting operations are completed, all tree pits shall be covered with a layer of organic material two (2") inches in depth. This limit of the organic material for trees shall be the diameter of the plant pit.

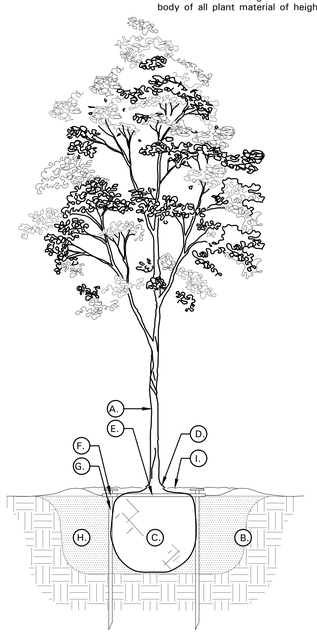
Q. Steel Curbing Installation:

1. Curbing shall be aligned as indicated on plans. Stake out limits of steel curbing and obtain Owners approval prior to installation.
2. All steel curbing shall be free of kinks and abrupt bends.
3. Top of curbing shall be ½" maximum height above final finished grade.
4. Stakes are to be installed on the planting bed side of the curbing, as opposed to the grass side.
5. Do not install steel edging along sidewalks or curbs.
6. Cut steel edging at 45 degree angle where edging meets sidewalks or curbs.

3.3 CLEANUP AND ACCEPTANCE

A. Cleanup: During the work, the premises shall be kept neat and orderly at all times. Storage areas for all materials shall be so organized so that they, too, are neat and orderly. All trash and debris shall be removed from the site as work progresses. Keep paved areas clean by sweeping or hosing them at end of each work day.

END OF SECTION



01 TREE PLANTING DETAIL
NOT TO SCALE

TREE PLANTING DETAIL LEGEND AND NOTES

A. TREE: TREES SHALL CONFORM WITH LATEST AMERICAN STANDARD FOR NURSERY STOCK. www.anla.org

B. TREE PIT: WIDTH TO BE AT LEAST TWO (2) TIMES THE DIAMETER OF THE ROOT BALL CENTER TREE IN HOLE & REST ROOT BALL ON UNDISTURBED NATIVE SOIL.

C. ROOT BALL: REMOVE TOP ⅓ BURLAP AND ANY OTHER FOREIGN OBJECT; CONTAINER GROWN STOCK TO BE INSPECTED FOR GIRDLING ROOTS.

D. ROOT FLARE: ENSURE THAT ROOT FLARE IS EXPOSED, FREE FROM MULCH, AND AT LEAST TWO INCHES ABOVE GRADE. TREES SHALL BE REJECTED WHEN GIRDLING ROOTS ARE PRESENT & ROOT FLARE IS NOT APPARENT.

E. ROOTBALL ANCHOR RING: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. PLACE ROOTBALL ANCHOR RING ON BASE OF ROOTBALL, TRUNK SHOULD BE IN THE CENTER OF THE RING.

F. ROOT ANCHOR BY TREE STAKE SOLUTIONS.

G. NAIL STAKE: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. INSTALL NAIL STAKES WITH HAMMER OR MALLET FIRMLY INTO UNDISTURBED GROUND. DRIVE NAIL STAKES FLUSH WITH "U" BRACKET ADJACENT TO ROOTBALL (DO NOT DISTURB ROOTBALL).

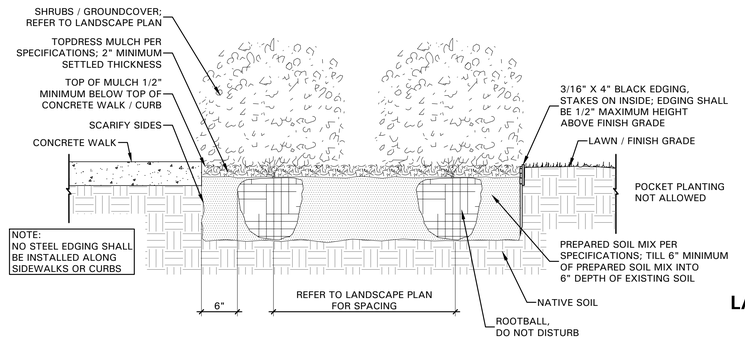
H. BACKFILL: USE EXISTING NATIVE SOIL (no amendments) WATER THOROUGHLY TO ELIMINATE AIR POCKETS.

I. MULCH: DOUBLE SHREDDED HARDWOOD MULCH 2 INCH SETTLED THICKNESS, WITH 2" HT. WATERING RING; ENSURE THAT ROOT FLARE IS EXPOSED. BELOW GROUND STAKE SHOULD NOT BE VISIBLE.

J. TREE STAKES:
TREE STAKE SOLUTIONS 'SAFETY STAKE' BELOW GROUND MODEL AVAILABLE FROM:
Tree Stake Solutions
ATTN: Jeff Tuley
(903) 676-6143
jeff@treestakesolutions.com
www.treestakesolutions.com

OR APPROVED EQUAL. TREES SHALL BE STAKED BELOW GROUND WHERE NECESSARY; ABOVE GROUND STAKING IS EXPRESSLY PROHIBITED.

K. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY OF THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION OF TREE STAKES. CONTRACTOR SHALL ADHERE TO MANUFACTURER'S INSTALLATION GUIDELINES, SPECIFICATIONS, AND OTHER REQUIREMENTS FOR TREE STAKE INSTALLATION.



02 SHRUB / GROUNDCOVER DETAIL
NOT TO SCALE

LANDSCAPE SPECIFICATIONS AND DETAILS

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTIANN HUNT
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5510 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no
sheet
L2.04

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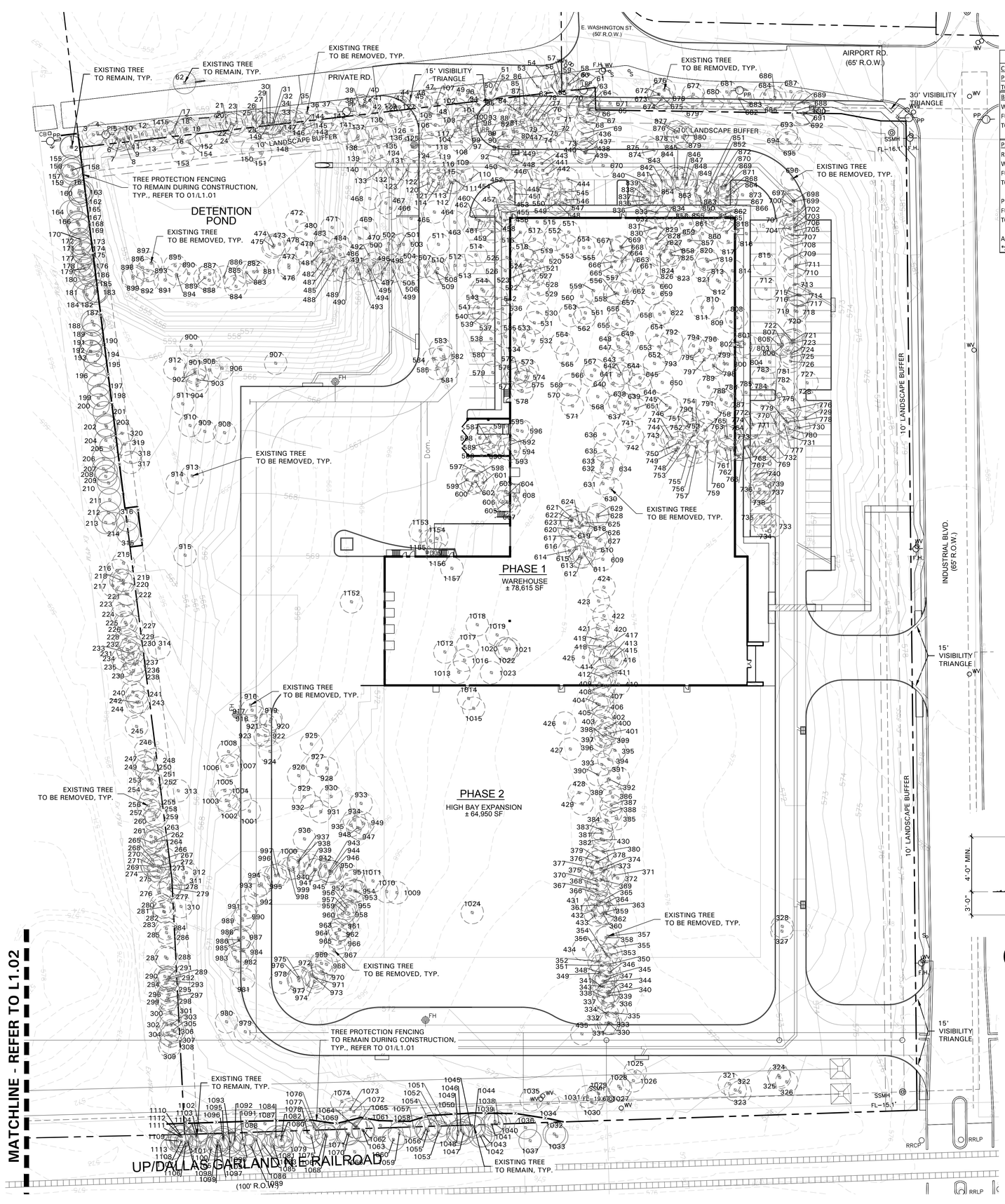


SITE DATA:

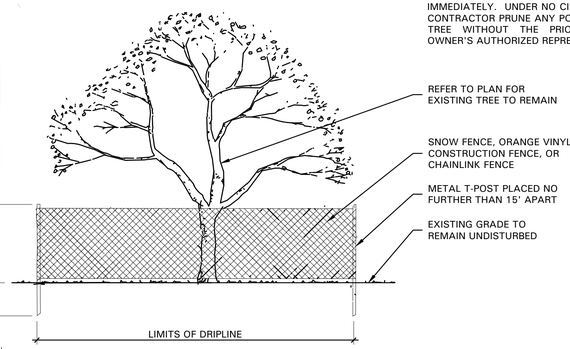
CURRENT ZONING:	(U) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	68,465	SF
FUTURE WAREHOUSE:	74,750	SF
TOTAL:	143,215	SF
PARKING:		
REQUIRED:		
WAREHOUSE (1 SPACE/1000 SF):	68	SPACES
FUTURE WAREHOUSE (1 SPACE/100SF):	75	SPACES
TOTAL REQUIRED:	143	SPACES
PROVIDED:	86	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	165	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

EXISTING TREE LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L1.01

TREE PRESERVATION NOTES

1. EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION FROM TREE STRUCTURE DAMAGE AND COMPACTION OF SOIL UNDER AND AROUND DRIP LINE (CANOPY) OF TREE.
2. IF ANY ROOT STRUCTURE IS DAMAGED DURING ADJACENT EXCAVATION / CONSTRUCTION, NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. IT IS RECOMMENDED THAT A LICENSED ARBORIST BE SECURED FOR THE TREATMENT OF ANY POSSIBLE TREE WOUNDS.
3. NO DISTURBANCE OF THE SOIL GREATER THAN 4" SHALL BE LOCATED CLOSER TO THE TREE TRUNK THAN 1/2 THE DISTANCE OF THE DRIP LINE TO THE TREE TRUNK. A MINIMUM OF 75% OF THE DRIP LINE AND ROOT ZONE SHALL BE PRESERVED AT NATURAL GRADE.
4. ANY FINE GRADING DONE WITHIN THE CRITICAL ROOT ZONES OF THE PROTECTED TREES MUST BE DONE WITH LIGHT MACHINERY SUCH AS A BOBCAT OR LIGHT TRACTOR. NO EARTH MOVING EQUIPMENT WITH TRACKS IS ALLOWED WITHIN THE CRITICAL ROOT ZONE OF THE TREES.
5. NO MATERIALS INTENDED FOR USE IN CONSTRUCTION OR WASTE MATERIALS ACCUMULATED DUE TO EXCAVATION OR DEMOLITION SHALL BE PLACED WITHIN THE LIMITS OF THE DRIP LINE OF ANY TREE.
6. NO EQUIPMENT MAY BE CLEANED OR TOXIC SOLUTIONS, OR OTHER LIQUID CHEMICALS, SHALL BE DEPOSITED WITHIN THE LIMITS OF THE DRIP LINE OF A TREE, INCLUDING BUT NOT LIMITED TO: PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR, PRIMERS, ETC.
7. NO SIGNS, WIRES OR OTHER ATTACHMENTS, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
8. NO VEHICULAR / CONSTRUCTION EQUIPMENT TRAFFIC OR PARKING IS ALLOWED WITHIN THE LIMITS OF THE DRIP LINE OF TREES.
9. BORING OF UTILITIES MAY BE PERMITTED UNDER PROTECTED TREES IN CERTAIN CIRCUMSTANCES. THE MINIMUM LENGTH OF THE BORE SHALL BE THE WIDTH OF THE TREE'S CANOPY AND SHALL BE A MINIMUM DEPTH OF FORTY-EIGHT (48") INCHES.
10. IRRIGATION TRENCHING WHICH MUST BE DONE WITHIN THE CRITICAL ROOT ZONE OF A TREE SHALL BE DUG BY HAND AND ENTER THE AREA IN A RADIAL MANNER.
11. ALL TREES TO BE REMOVED FROM THE SITE SHALL BE FLAGGED BY THE CONTRACTOR WITH BRIGHT RED VINYL TAPE (3" WIDTH) WRAPPED AROUND THE MAIN TRUNK AT A HEIGHT OF FOUR (4') FEET ABOVE GRADE. FLAGGING SHALL BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO ANY TREE REMOVAL. CONTRACTOR SHALL CONTACT OWNER'S AUTHORIZED REPRESENTATIVE WITH 72 HOURS NOTICE TO SCHEDULE ON-SITE MEETING.
12. ALL TREES TO REMAIN, AS NOTED ON DRAWINGS, SHALL HAVE PROTECTIVE FENCING LOCATED AT THE TREE'S DRIP LINE. THE PROTECTIVE FENCING MAY BE COMPRISED OF SNOW FENCING, ORANGE VINYL CONSTRUCTION FENCING, CHAIN LINK FENCE OR OTHER SIMILAR FENCING WITH A FOUR (4') FOOT APPROXIMATE HEIGHT. THE PROTECTIVE FENCING SHALL BE LOCATED AS INDICATED ON THE TREE PROTECTION DETAIL.
13. WHEN A LOW HANGING LIMB IS BROKEN DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR PRUNE ANY PORTION OF THE DAMAGED TREE WITHOUT THE PRIOR APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE.



01 TREE PROTECTIVE FENCING
NOT TO SCALE

SCALE: 1" = 40'-0"
0 20 40 80

TREE PRESERVATION PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
02/14/19

pdg
pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no
sheet L1.01

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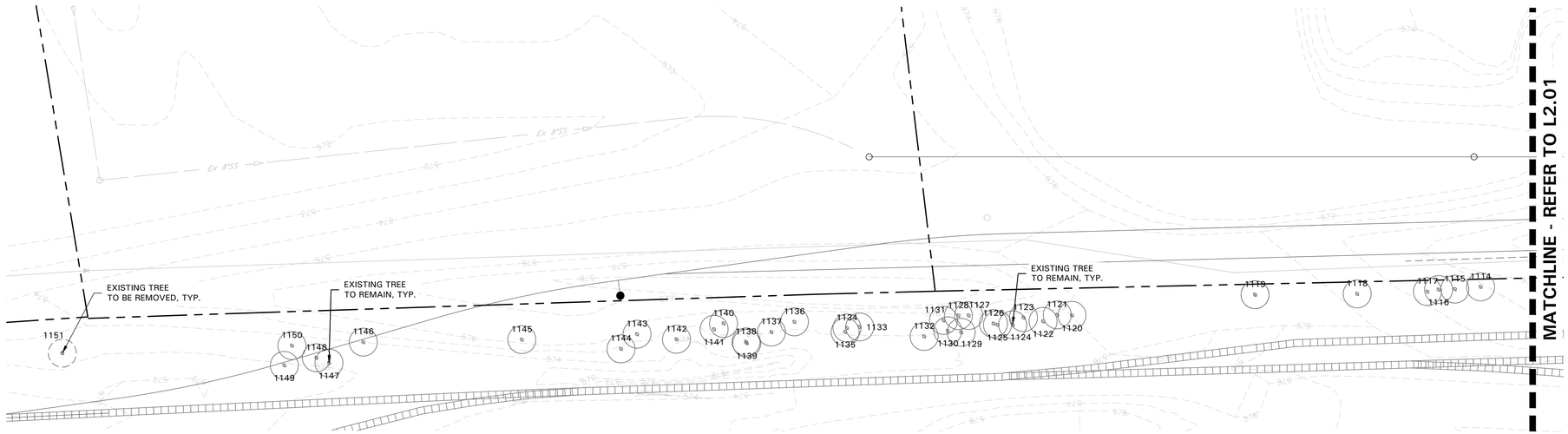

EXISTING TREE LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L1.01

TREE PRESERVATION PLAN

N

SCALE: 1" = 40'-0"

0 20 40 80

BELLE FIRMA

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTOPHER ANN HUMPHREY
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230, 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L1.02

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
2	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
3	5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
4	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
5	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
6	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
7	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
8	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
9	6.5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
10	4	HERCULES CLUB	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
11	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
12	14	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	7
13	5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
14	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
15	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
16	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
17	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
18	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
19	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
20	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
21	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
22	8.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
23	14.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	7.25
24	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
25	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
26	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
27	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
28	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
29	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
30	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
31	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
32	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
33	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
34	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
35	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
36	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
37	8.5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
38	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
39	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
40	13	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	6.5
41	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
42	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
43	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
44	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
45	5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
46	10	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
47	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
48	19	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	9.5
49	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
50	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
51	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
52	8.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
53	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
54	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
55	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
56	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
57	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
58	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
59	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
60	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
61	5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
62	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
63	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
64	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
65	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
66	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
67	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
68	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
69	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
70	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
71	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
72	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
73	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
74	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
75	9	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
76	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
77	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
78	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
79	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
80	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
81	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
82	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
83	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
84	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
85	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
86	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
87	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
88	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
89	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
90	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
91	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
92	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
93	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
94	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
95	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
96	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
97	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
98	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
99	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
100	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
101	6.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
102	10.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
103	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
104	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
105	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
106	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
107	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
108	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
109	18.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.25
110	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
111	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
112	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
113	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
114	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
115	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
116	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
117	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
118	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
119	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
120	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
121	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
122	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
123	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
124	6.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
125	12	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
126	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
127	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
128	5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
129	4.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
130	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
131	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
132	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
133	4	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
134	5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
135	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
136	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
137	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
138	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
139	13.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
140	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
141	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
142	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
143	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
144	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
145	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
146	12.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
147	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
148	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
149	4.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
150	10	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
151	5.5	BRADFORD PEAR	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
152	45.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
153	10	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
154	4.5	AMERICAN ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
155	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
156	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
157	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
158	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
159	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
160	12	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
161	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
162	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
163	8.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
164	12	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
165	8	BOIS D'ARC	TO REMAIN	POOR	OFFSITE	NON-PROTECTED	
166	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
167	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
168	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
169	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
170	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
171	14	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
172	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
173	5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
174	12	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
175	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
176	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
177	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
178	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
179	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
180	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
181	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
182	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
183	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
184	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
185	13.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
186	10	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
187	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
188	17.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
189	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
190	9.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
191	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
192	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
193	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
194	5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
195	9	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
196	9.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
197	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
198	14	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
199	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
200	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
201	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
202	12.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
203	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
204	13	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
205	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
206	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
207	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
208	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
209	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
210	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
211	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
212	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
213	11.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
214	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
215	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
216	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
217	10.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
218	11	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
219	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
220	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
221	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
222	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
223	23	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
224	10	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
225	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
226	5.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
227	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
228	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
229	14.5	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
230	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
231	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
232	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
233	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
234	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
235	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
236	7	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
237	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
238	14	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
239	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
240	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
241	25	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
242	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
243	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
244	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
245	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
246	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
247	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
248	16	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
249	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
250	16	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
251	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
252	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
253	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
254	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
255	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
256	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
257	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
258	6	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
259	11	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.5
260	7.5	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
261	7	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
262	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
263	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
264	15.5	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
265	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
266	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
267	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
268	4.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
269	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
270	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
271	13	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	6.5
272	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
273	8	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
274	11.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.75
275	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
276	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
277	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
278	4.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
279	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
280	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
281	11	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.5
282	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
283	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
284	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
285	11	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.5
286	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
287	8	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
288	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
289	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
290	4.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
291	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
292	10	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
293	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
294	7.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
295	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
296	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
297	9.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
298	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
299	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
300	10	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
301	9.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
302	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
303	4	HACKBERRY	TO BE REMOVED

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
379	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
380	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
381	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
382	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
383	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
384	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
385	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
386	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
387	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
388	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
389	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
390	16.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.25
391	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
392	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
393	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
394	33	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	66
395	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
396	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
397	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
398	19.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.75
399	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
400	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
401	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
402	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
403	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
404	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
405	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
406	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
407	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
408	22	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11
409	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
410	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
411	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
412	23	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11.5
413	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
414	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
415	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
416	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
417	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
418	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
419	27	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	54
420	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
421	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
422	20	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10
423	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
424	30	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	60
425	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
426	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
427	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
428	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
429	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
430	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
431	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
432	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
433	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
434	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
435	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
436	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
437	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
438	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
439	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
440	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
441	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
442	14.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
443	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
444	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
445	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
446	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
447	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
448	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
449	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
450	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
451	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
452	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
453	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
454	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
455	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
456	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
457	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
458	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
459	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
460	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
461	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
462	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
463	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
464	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
465	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
466	11	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
467	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
468	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
469	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
470	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
471	9.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
472	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
473	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
474	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
475	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
476	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
477	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
478	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
479	10	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
480	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
481	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
482	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
483	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
484	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
485	13	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
486	8.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
487	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
488	13.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.75
489	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
490	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
491	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
492	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
493	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
494	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
495	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
496	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
497	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
498	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
499	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
500	8	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
501	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
502	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
503	10	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
504	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
505	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
506	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
507	14.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
508	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
509	17	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.5
510	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
511	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
512	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
513	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
514	16	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
515	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
516	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
517	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
518	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
519	17.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.75
520	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
521	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
522	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
523	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
524	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
525	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
526	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
527	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
528	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
529	19	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.5
530	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
531	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
532	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
533	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
534	34	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	68
535	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
536	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
537	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
538	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
539	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
540	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
541	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
542	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
543	23	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
544	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
545	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
546	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
547	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
548	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
549	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
550	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
551	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
552	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
553	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
554	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
555	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
556	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
557	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
558	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
559	5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
560	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
561	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
562	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
563	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
564	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
565	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
566	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
567	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
568	31.5	BOIS D'ARC	TO BE REMOVED	POOR		NON-PROTECTED	
569	4	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
570	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
571	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
572	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
573	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
574	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
575	19	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.5
576	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
577	21	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.5
578	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
579	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
580	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
581	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
582	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
583	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
584	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
585	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
586	22	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11
587	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
588	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
589	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
590	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
591	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
592	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
593	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
594	21	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.5
595	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
596	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
597	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
598	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
599	17.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.75
600	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
601	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
602	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
603	20.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.25
604	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
605	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
606	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
607	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
608	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
609	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
610	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
611	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
612	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
613	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
614	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
615	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
616	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
617	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
618	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
619	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
620	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
621	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
622	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
623	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
624	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
625	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
626	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
627	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
628	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
629	25	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	12.5
630	31	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	62

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
631	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
632	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
633	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
634	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
635	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
636	26	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	52
637	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
638	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
639	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
640	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
641	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
642	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
643	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
644	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
645	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
646	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
647	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
648	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
649	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
650	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
651	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
652	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
653	20	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10
654	6	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
655	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
656	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
657	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
658	6	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
659	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
660	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
661	8	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	8
662	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
663	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
664	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
665	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
666	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
667	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
668	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
669	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
670	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
671	38	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
672	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
673	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
674	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
675	12	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	6
676	12	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
677	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
678	20	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	10
679	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
680	23	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
681	6.5	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
682	6	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	6
683	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
684	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
685	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
686	7	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
687	35	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
688	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
689	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
690	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
691	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
692	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
693	9	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
694	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
695	14.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
696	10	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
697	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
698	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECT

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
757	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
758	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
759	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
760	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
761	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
762	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
763	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
764	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
765	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
766	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
767	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
768	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
769	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
770	11	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
771	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
772	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
773	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
774	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
775	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
776	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
777	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
778	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
779	15.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.75
780	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
781	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
782	7.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7.5
783	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
784	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
785	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
786	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
787	9	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
788	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
789	6	EASTERN RED CEDAR	TO BE REMOVED	POOR		NON-PROTECTED	
790	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
791	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
792	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
793	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
794	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
795	19.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.75
796	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
797	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
798	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
799	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
800	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
801	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
802	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
803	21	BOXELDER	TO BE REMOVED	GOOD		PRIMARY PROTECTED	21
804	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
805	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
806	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
807	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
808	5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
809	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
810	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
811	6.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
812	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
813	10	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
814	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
815	33	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
816	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
817	5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
818	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
819	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
820	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
821	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
822	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
823	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
824	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
825	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
826	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
827	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
828	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
829	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
830	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
831	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
832	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
833	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
834	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
835	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
836	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
837	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
838	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
839	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
840	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
841	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
842	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
843	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
844	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
845	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
846	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
847	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
848	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
849	6.5	PECAN	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
850	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
851	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
852	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
853	6.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
854	6.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
855	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
856	4.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
857	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
858	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
859	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
860	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
861	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
862	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
863	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
864	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
865	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
866	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
867	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
868	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
869	8.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
870	6.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
871	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
872	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
873	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
874	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
875	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
876	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
877	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
878	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
879	7	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7
880	6	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
881	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
882	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
883	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
884	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
885	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
886	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
887	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
888	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
889	15	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
890	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
891	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
892	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
893	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
894	7	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7
895	25	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
896	9.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
897	9.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
898	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
899	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
900	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
901	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
902	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
903	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
904	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
905	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
906	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
907	9.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
908	9	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
909	12.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
910	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
911	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
912	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
913	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
914	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
915	7	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
916	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
917	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
918	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
919	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
920	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
921	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
922	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
923	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
924	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
925	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
926	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
927	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
928	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
929	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
930	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
931	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
932	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
933	8.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
934	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
935	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
936	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
937	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
938	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
939	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
940	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
941	8.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
942	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
943	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
944	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
945	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
946	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
947	7.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
948	4.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
949	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
950	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
951	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
952	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
953	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
954	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
955	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
956	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
957	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
958	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
959	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
960	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
961	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
962	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
963	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
964	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
965	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
966	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
967	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
968	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
969	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
970	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
971	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
972	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
973	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
974	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
975	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
976	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
977	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
978	10	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
979	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
980	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
981	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
982	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
983	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
984	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
985	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
986	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
987	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
988	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
989	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
990	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
991	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
992	14	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
993	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
994	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
995	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
996	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
997	8.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
998	9.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
999	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1000	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1001	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1002	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1003	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1004	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1005	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1006	4.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1007	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1008	6	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1009	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1010	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1011	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
1012	6.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1013	8.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1014	7	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1015	5.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1016	7.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1017	6.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1018	5.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1019	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1020	7	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1021	4.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
1022	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1023	9	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1024	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1025	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1026	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1027	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1028	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1029	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
1030	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1031	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1032	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1033	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1034	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1035	14	BLACK WILLOW	TO BE REMOVED	POOR		NON-PROTECTED	
1036	9	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1037	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1038	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1039	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
1040	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1041	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1042	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1043	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1044	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1045	15	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1046	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1047	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1048	13.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1049	9	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1050	12	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1051	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1052	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1053	12.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1054	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1055	12.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1056	15.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1057	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1058	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1059	14	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1060	21	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1061	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
1062	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1063	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1064	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1065	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1066	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1067	27	HACKBERRY	TO REMAIN	GOOD	OFFSITE	FEATURE TREE	
1068	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1069	4.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
1070	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1071	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1072	8	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1073	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1074	11	BLACK WILLOW	TO BE REMOVED	POOR		NON-PROTECTED	
1075	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY P

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TREE SURVEY FIELD DATA							
No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1135	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1136	13.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1137	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1138	4	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1139	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1140	6.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1141	4	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1142	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1143	10.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1144	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1145	4.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1146	18.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1147	5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1148	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1149	9.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1150	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1151	16	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.00
1152	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1153	8	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1154	7	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1155	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1156	11	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1157	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

Total Caliper Inches on Site	**9,344.50**
Total Caliper Inches Removed	**7,919.00**
Total Mitigation Inches Required	**1,554.25**
Total Mitigation Inches Provided (Refer to Landscape Plans)	**1,063.00**
Total Mitigation Inches Remaining	**491.25**
Tree Preservation Credits Purchased (100% of total mitigation inches paid at $100/inch)	**491.25**
	$49,125.00

TREE PRESERVATION NOTES

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230, 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L1.06

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$TIME$
$DATE$
$FILE$

D-Series Size 1
LED Area Luminaire

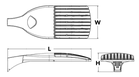
dsxw1 LED

Catalog Number
Notes
Type

Hit the tab key or mouse over this page to see all interactive elements.

Specifications

EPA: 1.07 ft² (0.09 m²)
Length: 33" (83.8cm)
Width: 13" (33cm)
Height: 7-1/2" (19cm)
Weight (max): 27 lbs (12.1kg)



A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency.
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability.
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility and seamless commissioning, when ordered with drivers and control options marked by a shaded background.

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM® node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

A+ Capable options indicated by fifth pink background.

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

DSX1LED									
Series	LEDs	Color temperature	Distribution	Voltage	Mounting	Control options	Other options	Finish
DSX1 LED	**Forward optics** P1 P4 P7 P2 P5 P8 P3 P6 P9 **Rotated optics** P10² P12² P11² P13²	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium T4W Type IV wide T5FT Forward Throw medium T5VS Type V very short	T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control[3] LCCO Left corner cutoff[3] RCCO Right corner cutoff[3]	MVOLT[4,5] 120³ 208[4,5] 240[4,5] 277[4,5] 347[4,5] 480[4,5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately** KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)[7]	**Shipped included** PE Photoelectric cell, button type[8] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, +15' mtg ht.[9] PIR1 180° motion/ambient light sensor, 15-30' mtg ht.[9] PIRH1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc[9] PIR1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[9] ELCW Emergency battery backup (includes external component enclosure), non-CEC compliant[10]	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Control options	Other options	Finish (required)
Shipped included NLTAIR2 nLight AIR generation 2 enabled[11] PER NEMA twist-lock receptacle only (controls ordered separate)[12] PER5 Five-wire receptacle only (controls ordered separate)[12] PER7 Seven-wire receptacle only (controls ordered separate)[12] DMG 0-10V dimming extend out back of housing for external control (leads exit fixture) DS Dual switching[13,14] PIR 180° motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc[13,14,15] PIRH 180° motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[13,14,15] PIR1FC3V 180° motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc[13,14,15]	PIRH1FC3V 180° motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[13,14,15] BL30 Bi-level switched dimming, 30% reduction[13,14,15] BL50 Bi-level switched dimming, 50% reduction[13,14,15] PNMTDD3 Part-night, dim 03 duration[13,14,15] PNMTD2 Part-night, dim 2 hrs[13,14,15] PNMTD5 Part-night, dim 5 hrs[13,14,15] PNMTD7 Part-night, dim 7 hrs[13,14,15] FAO Field adjustable output[16]	**Shipped included** HS Houseside shield[17] SF Single fuse (120, 277, 347V)[18] DF Double fuse (208, 240, 480V)[18] L90 Left-mount optics[19] R90 Right-mounted optics[19] **Shipped separately** BS Bird spikes[20] EGS External glare shield[20]	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

LITHONIA LIGHTING®
One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • www.lithonia.com
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DSXW1 LED
Rev. 01/26/16
Page 1 of 7

D-Series Size 1
LED Wall Luminaire

dsxw1 LED

Catalog Number
Notes
Type

Hit the tab key or mouse over this page to see all interactive elements.

Specifications

Luminaire
Width: 13-3/4" (34.9 cm)
Depth: 4" (10.2 cm)
Height: 6-3/8" (16.2 cm)
Weight: 12 lbs (5.4 kg)

Back Box (BBW, ELCW)
Width: 13-3/4" (34.9 cm)
Depth: 4" (10.2 cm)
Height: 6-3/8" (16.2 cm)
Weight: 5 lbs (2.3 kg)
ELCW Weight: 10 lbs (4.5 kg)

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED									
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options	Other Options	Finish
DSXW1 LED	1C 9LEDs (one engine) 2C 18 LEDs (two engines)[1]	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A)[1]	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium T4FT Forward Throw Medium AFTM Asymmetric diffuse	MVOLT[2] 120[3] 208[3] 240[3] 277[3] 347[3,4] 480[3,4]	**Shipped included** SURF Surface mounting bracket SRM Surface mounting bracket (for conduit entry)[5]	**Shipped included** PE Photoelectric cell, button type[6] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, +15' mtg ht.[7] PIRH 180° motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[7] PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[7] ELCW Emergency battery backup (includes external component enclosure), non-CEC compliant[8]	**Shipped installed** DBL Surface mounting bracket **Shipped separately** BBW Back box (for conduit entry)[9]	DDBTXD Dark bronze DBLBTXD Black DNATXD Natural aluminum DWHXD White DSSTXD Textured dark bronze DBLBTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Optics System	Finish (required)
Shipped installed SF Single fuse (120, 277 or 347V)[10] DF Double fuse (208, 240 or 480V)[10] HS House-side shield.[11] SPD Separate surge protection	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Shipped separately[12]
BSW Bird-deterrent spikes
WG Wire guard
VG Vandal guard
DDL Diffused drop lens

Accessories

Ordered and shipped separately.

DSXW1LL Square side-shield (one per light engine)
DSXW1BW Bird deterrent spikes
DSXW1WG Wire guard accessory
DSXW1VG Vandal guard accessory

NOTES
1. 2AC 1000 is not available with PE, PIRH, PIRH1FC3V or PIRH1FC3V.
2. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
4. Only available with 2AC, 700mA or 1000mA. Not available with PIR or PIRH.
5. Not available with HS. For use with 2 @ 90° arrangements. Must be ordered as a separate accessory.
6. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
7. Reference Motion Sensor table on page 3.
8. Not available with PE, PIR, PIRH. Not compatible with corelink wiring applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com.
9. Not available with ELCW.
10. Also available as a separate accessory see Accessories information.

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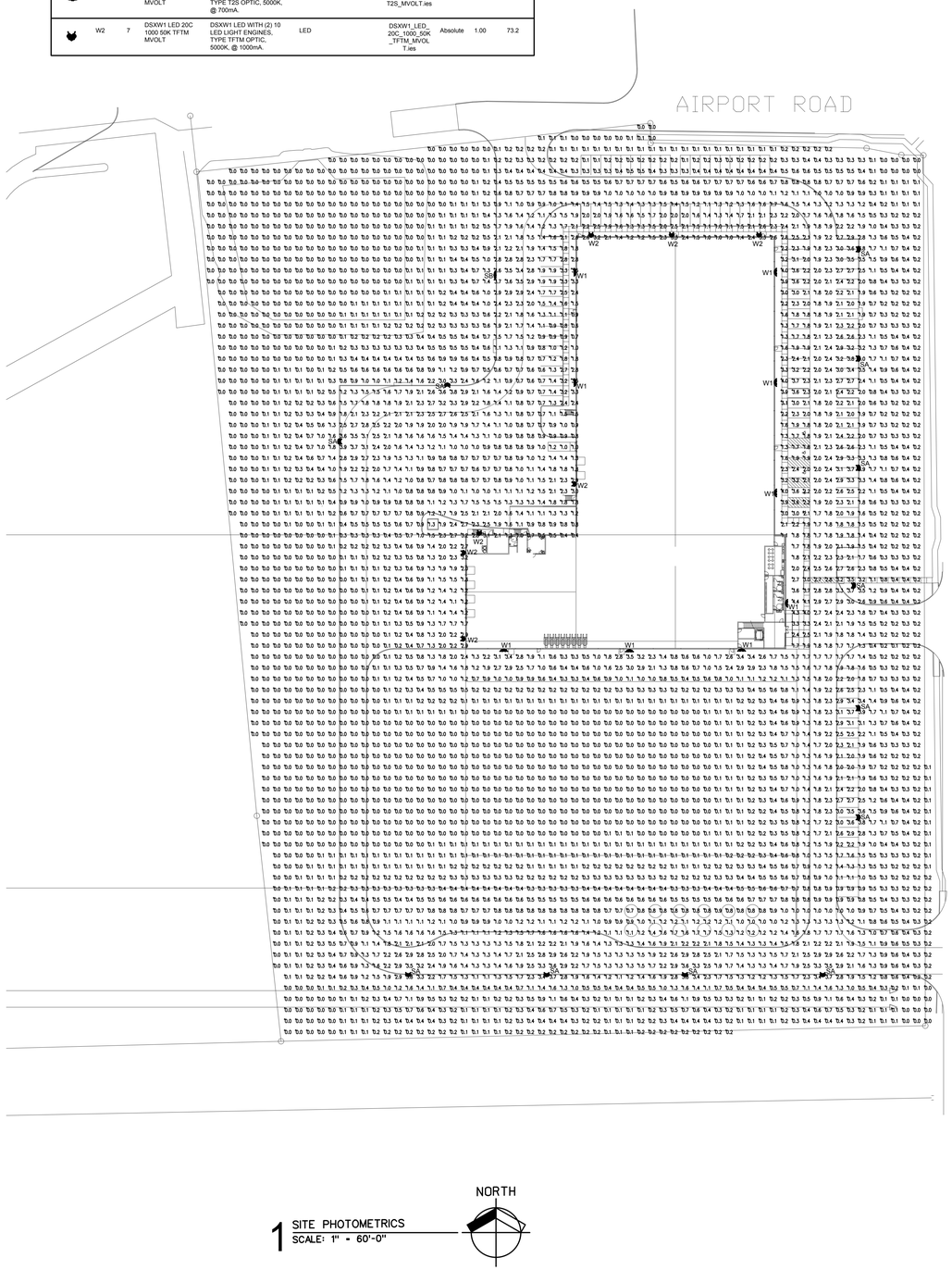
DSXW1 LED
Rev. 10/30/16

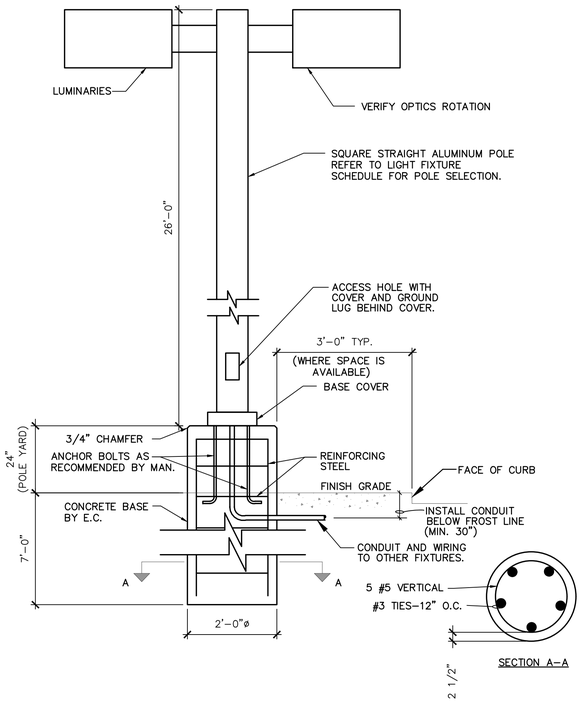
LUMINAIRE SCHEDULE								
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	SA	12	DSX1 LED P6 50K T4M MVOLT	DSX1 LED P6 50K T4M MVOLT	LED	DSX1_LED_P6_50K_T4M_MVOLT.ies	Absolute	1.00	163
	SB	1	DSX1 LED P6 50K T2M MVOLT	DSX1 LED P6 50K T2M MVOLT	LED	DSX1_LED_P6_50K_T2M_MVOLT.ies	Absolute	1.00	163
	W1	9	DSXW1 LED 20C 700 50K T2S MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T2S OPTIC, 5000K, @ 700mA.	LED	DSXW1_LED_20C_700_50K_T2S_MVOLT.ies	Absolute	1.00	45.7
	W2	7	DSXW1 LED 20C 1000 50K TFTM MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE TFTM OPTIC, 5000K, @ 1000mA.	LED	DSXW1_LED_20C_1000_50K_TFTM_MVOLT.ies	Absolute	1.00	73.2

STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #3	+	0.8 fc	4.4 fc	0.0 fc	N / A	N / A



1 SITE PHOTOMETRICS
SCALE: 1" = 60'-0"

NORTH



2 SITE LIGHTING ELEVATION
SCALE: NONE

drawn: JACOB SLIMP
checked PETER HILGER
date: 01.15.19

Peter A. Hilger, P.E.
5800 East Skelly Drive, Suite 1100
Tulsa, Oklahoma 74135
o: 918.749.3000
f: 918.749.3003

PRECISION ENGINEERING GROUP LLC F-13430

STATE OF TEXAS
PETER A. HILGER
103880
PROFESSIONAL ENGINEER

pdg
pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
SE1.1

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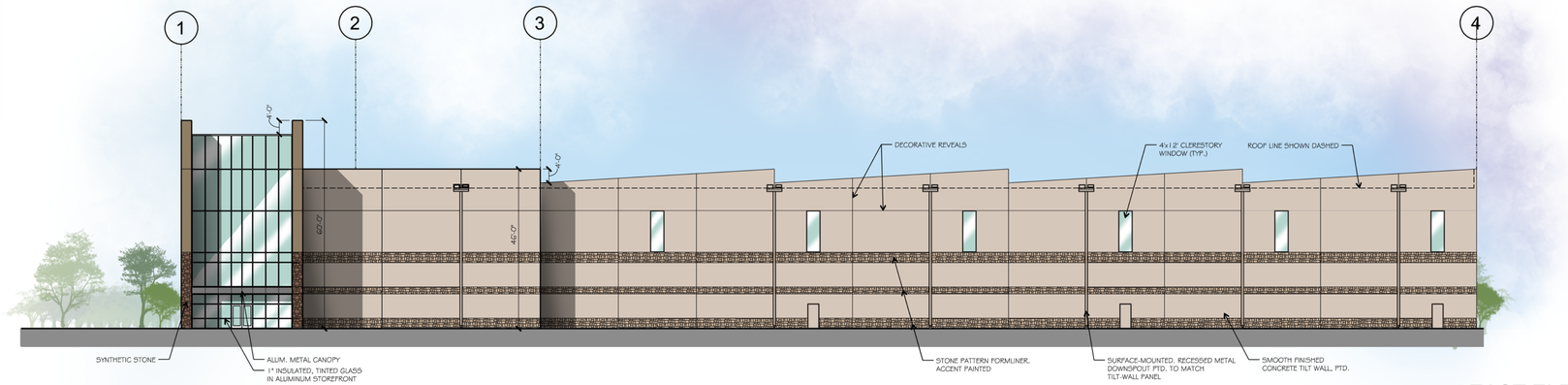
$TIME$
$DATE$
$FILE$

2 NORTH ELEVATION
SCALE: 1/16"=1'-0"

PAINT SCHEME LEGEND
A - BASE COLOR
SHERWIN WILLIAMS - SW9085 TOUCH OF SAND
B - ACCENT COLOR 01
SHERWIN WILLIAMS - SW 7518 BEACH HOUSE
C - ACCENT COLOR 02
SHERWIN WILLIAMS - SW 7550 RESORT TAN

FACADE MATERIAL CALCULATIONS		NORTH	SOUTH	EAST	WEST
1.	TOTAL FACADE SQ. FT.	14,007 FT²	14,217 FT²	17,016 FT²	17,201 FT²
2.	FACADE SQ. FT. EXCLUDING DOORS AND WINDOWS	13,520 FT²	14,145 FT²	15,090 FT²	15,501 FT²
3.	DOORS AND WINDOWS	487 FT²	72 FT²	1,926 FT²	1,700 FT²
4.	METAL	0 FT²	0 FT²	58 FT²	0 FT²
5.	PRIMARY MASONRY TOTALS	13,520 FT² 100% OF (2.)	14,145 FT² 100% OF (2.)	15,032 FT² 99.6% OF (2.)	15,501 FT² 100% OF (2.)



1 EAST ELEVATION
SCALE: 1/20"=1'-0"

drawn: SF
checked MARK W PROSS
date: 02/12/2019

#	DATE	DESCRIPTION

REGISTERED ARCHITECT MARK W. PROSS STATE OF TEXAS
EXPIRES: 08/31/2019

pross design group, incorporated
5510 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/759-1400

SPRI PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no 1850
sheet A3.0

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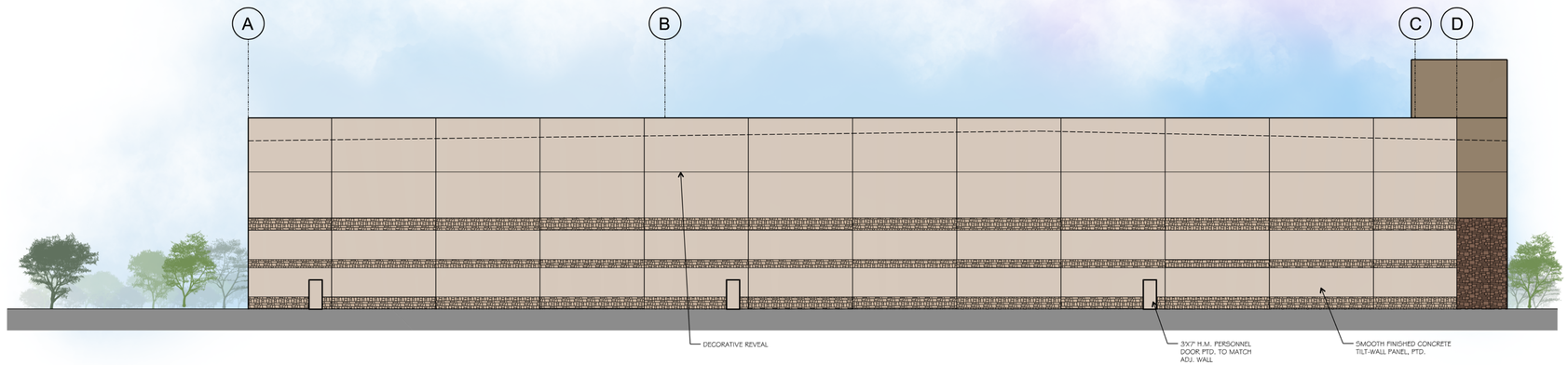
$TIME$
$DATE$
$FILE$



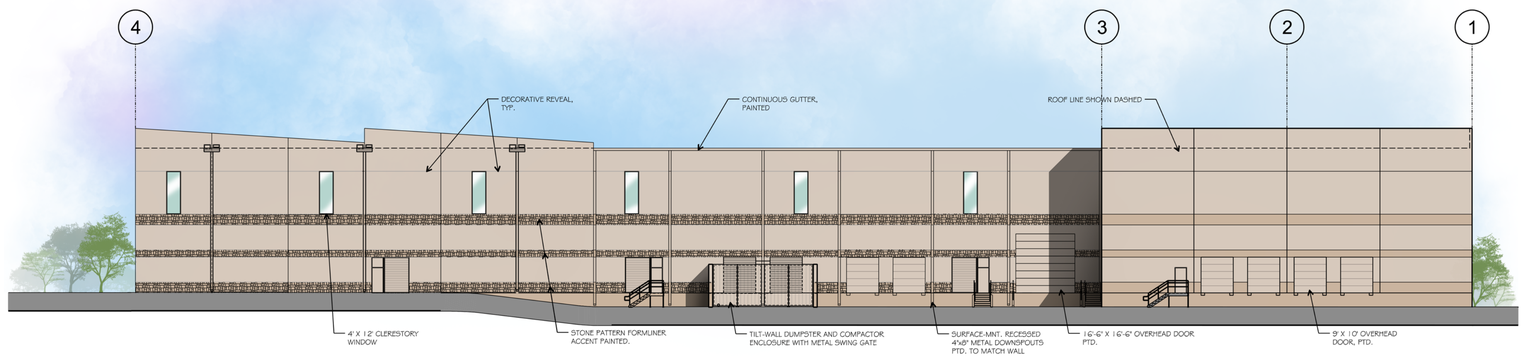
2 SOUTH ELEVATION

SCALE: 1/16"=1'-0"

PAINT SCHEME LEGEND
A - BASE COLOR
SHERWIN WILLIAMS - SW9085 TOUCH OF SAND
B - ACCENT COLOR 01
SHERWIN WILLIAMS - SW 7518 BEACH HOUSE
C - ACCENT COLOR 02
SHERWIN WILLIAMS - SW 7550 RESORT TAN

FACADE MATERIAL CALCULATIONS

		NORTH	SOUTH	EAST	WEST
1.	TOTAL FACADE SQ. FT.	13,239 FT²	35,004 FT²	45,051 FT²	43,139 FT²
2.	FACADE SQ. FT. EXCLUDING DOORS AND WINDOWS	12,807 FT²	34,644 FT²	42,390 FT²	41,677 FT²
3.	DOORS AND WINDOWS	432 FT²	360 FT²	2,661 FT²	1,463 FT²
4.	METAL	43 FT²	21,417 FT²	16,355 FT²	16,365 FT²
5.	PRIMARY MASONRY TOTALS	12,764 FT² 99.6% OF (2.)	13,227 FT² 61.8% OF (2.)	26,035 FT² 61.4% OF (2.)	25,312 FT² 60.7% OF (2.)



1 WEST ELEVATION

SCALE: 1/20"=1'-0"

drawn: SF
checked MARK W PROSS
date: 02/12/2019

#	DATE	DESCRIPTION

REGISTERED ARCHITECT STATE OF TEXAS
EXPIRES: 08/31/2019

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/559-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no 1850
sheet A3.1

Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

MEMORANDUM

TO:	David Gonzales Rockwall Planning & Zoning 385 S. Goliad Street Rockwall, Texas 75087	**DATE:**	2/15/2019
FROM:	Matthew Gardner, P.E.	**AVO:**	35533
EMAIL:	mgardner@halff.com		
SUBJECT:	**Comment Response for SPR Packaging Site Plan (SP2019-004)**		

David-

See below for my response in red to each comment. Let me know if you have any questions.

Thank You

SPR Packaging Site Plan

Building – Russell McDowell
Status: Approved

Engineering – Sarah Hager
Comments:

- Airport Rd and E Washington must have 65' ROW. Must Dedicate 32.5' from the centerline. Must build min 24' of Airport Rd with Storm.
  → Washington proposed R.O.W. shown for planning purposes. We can not dedicate land off our property. City to coordinate with property owners to acquire R.O.W. as needed.
- Each lane must be 24' wide if used for fire lane for the driveway on Industrial.
  → Noted & Updated.
- Need to build a minimum of 24' of paving for road to the north.
  → We understand we're responsible for this, but what do you want to be shown? Would remaining section be built by City at the same time?
- Need to show Existing and Proposed Utilities.
  → Noted.
- Show Existing Floodplain.
  → Noted.
- Show Proposed Fire Lanes.
  → Noted.
- Show dimensions on parking.
  → Noted.
- Fire Lane must have 30' Radii.
  → Noted.
- Label distance to each driveway. (See markup)
  → Updated.

Halff Associates, Inc.
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Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

Do you plan to relocate the existing sewer line?

→ Yes. Existing sewer line to be removed and relocated is shown in red on the Overall Site Plan. Existing water line to be removed and relocated is shown in blue on the Overall Site Plan.

The following items are for your review for engineering design.

- 4% Engineering Inspection Fees
  → Acknowledged.
- Impact fees.
  → Acknowledged.
- Flood Study is required. LOMR is required during construction.
  → Acknowledged.
- WOTUS study is required.
  → Acknowledged.
- Min 20' utility easements.
  → Acknowledged.
- No structures in easements.
  → Acknowledged.
- Fire lane easement to be on plat.
  → Acknowledged.
- Fire lane to be 24' wide with 20' radii or larger depending on height of building.
  → Noted.
- Parking to be 20'x9'
  → Noted.
- No dead-end parking.
  → Acknowledged.
- Driveway spacing must be labeled on Site Plan.
  → Updated.
- 12" water line available in Airport Rd. Must loop 8" waterline in site.
  → Water line is looped from Airport Road to the south side of Industrial Blvd. Proposed water line does not continue onsite parallel to Industrial Blvd. due to existing fire hydrants along Industrial Blvd.
- 8" sewer available east of property.
  → Noted.
- Dumpster area to drain to oil/water separator.
  → Noted & Updated.
- Must have detention. Manning's "c-value" is per zoning for the entire property.4:1max slope...no vertical walls allowed in detention easement
  → Acknowledged.
- Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for.
  → Acknowledged.
- No trees within 5' of public utilities.
  → Acknowledged.
- Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls.
  → Acknowledged.
- Pro-rata due for sewer($105.18/lf) if you tie sewer along Industrial.
  → Since we are removing and relocating the existing sewer, is this fee applicable?
- Must meet all City Engineering Standards.
  → Acknowledged.

Halff Associates, Inc.
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Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

Fire – Ariana Hargrove
Status: Approved

GIS – Lance Singleton
Status:

Planning – David Gonzales
Comments:

- PLANNING AND ZONING 1ST ROUND COMMENTS – PHASE 1 ONLY (02.01.2019):
  The following staff comments (i.e. Phase 1 only) are to be addressed and resubmitted no later than Thursday, February 14, 2019. Please provide three large copies [24"X36"FOLDED] and one PDF version for a subsequent review by staff:

- **Planning Department General Comments & Requirements to address/acknowledge:
  1. Adherence to Engineering and Fire Department standards shall be required.
     → Acknowledged.
  2. Submittal and approval of a Civil Engineering Plans and Final Plat prior to issuance of a Certificate of Occupancy (CO).
     → Acknowledged.
  3. Label all revised site plan documents with "Case No.SP2019-004" at the lower right corner of each plan.
     → Updated.

- Variances and Exceptions for the Planning and Zoning Commission to Consider:
  1. Vertical articulation standards of the UDC for all facades.
  2. Horizontal articulation standards of the UDC for facades.
  3. Minimum 20% stone requirement for all facades that are visible from a public street or open space.
  4. For the use of tilt-up wall construction.

- **Please address the following Planning Comments for each plan and resubmit revised plans by date requested for a subsequent/final review by staff:

  Site Plan:
  1. Provide adjacent property owner information on Overall Site Plan (aerial version).
     → Updated.
  2. Label all 24-ft firelane access easement as "24-ft Firelane, Public Access, Drainage and Utility Easements (as appropriate for each).
     → Updated label to “24’ Fire Lane Access & Utility Easement.”
  3. Provide a hatch to the area indicating to be abandoned (i.e. Aluminum Plant Road). Although indicated on the site plan, this will be accomplished at final plat and purchased--at fair market value--with the approval of the City Council.
     → Updated.
  4. Provide a slightly heavier line for the future parking areas and label as such.
     → Updated.
  5. Use a lighter gray scale for the utility lines layer.
     → Updated.
  6. For the areas labeled as ‘Loading Area’, are these loading docks? If so, provide a minimum14-ft architecturally integrated screening wall
     → See proposed screen walls located at NW corner of building.

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7. Parking space count for manufacturing=1space per500-SF or0.75spaces for each employee on the largest shift, whichever is greater. Provide a letter indicating the number of employees on the largest shift. Parking count may be determined by the Director of Planning.
   → See parking letter from Owner. For Site Plan calculation purposes, we held 1 space / 1000 sf ratio.

Landscape Plan:
1. Applicant requesting an alternative tree mitigation settlement agreement.

Photometric Plan:
1. Lighting levels are not to exceed 0.2-FC at the property lines. The lighting levels along the northern property line exceed this standard. Adjustment required in order to meet the standards of the UDC.
   → See revised photometrics plan.

Building Elevations:
1. All roof-top mechanical equipment requires screening from rights-of-way and adjacent properties. Dash-in RTU's on elevations. Provide detail of screening mechanism to be used if these are not properly screened.
   → Roof top units will be screened by the building's concrete parapets.
2. Requires a recommendation from the Architectural Review Board (ARB). See scheduled meeting below.
   → Ok.
3. Provide a materials sample board for ARB review of the actual materials to be used (other than tilt-up wall).
   → This was provided in the first submission.
4. Provide percentages of exterior material calculations for each elevation (e.g. formliner stone pattern & tilt-up wall).
   → See revised elevations.
5. Will there be any stone on the building? The UDC requires a minimum of20%stone on each elevation that is visible from a public street or open space. If there is no stone, this will require approval of a variance by the Planning and Zoning Commission.
   → The building's facades consist of conc. tilt-wall, stone, and form liner.
6. Approval of an exception to the masonry standards by the Planning and Zoning Commission is required for the use of tilt-up wall construction.

- **The following are scheduled meeting dates that you and/or your representative(s)are required to attend regarding the Site Plan request. If you have any questions regarding this case, please feel free to contact David Gonzales, AICP with the Planning Department at972-771-7745.
  Meeting Dates to Attend:
  1) Architectural Review Board: February26,2019 (5:00p.m.) [Recommendations from ARB]
  2) Planning-Work Session: February26,2019 (6:00p.m.) [Applicant to present/discuss project]
  3) Architectural Review Board: March12,2019 (5:00p.m.) [Subsequent meeting if necessary]
  4) Planning-Action: March12,2019 (6:00p.m.) [P&Z to take action (i.e. approve, approve with conditions, deny)]
  5) **City Council-Action: Monday, March18,2019 (6:00p.m.) [FOR VARIANCE AND EXCEPTION REQUESTS NOT APPROVED BY THE PLANNING AND ZONING COMMISSION] **
     → Noted.

City of Rockwall

Project Plan Review History

Revised Comments to be Addressed are Highlighted

Project Number	SP2019-004	**Owner**	ROCKWALL, 12.833 LP	**Applied**	1/29/2019 LM
Project Name	SPR Packaging	**Applicant**	HALFF ASSOCIATES	**Approved**	
Type	SITE PLAN			**Closed**	
Subtype				**Expired**	
Status	Staff Review			**Status**	

Site Address	**City, State Zip**	**Zoning**
1480 JUSTIN RD	ROCKWALL, TX 75087	

Subdivision	**Tract**	**Block**	**Lot No**	**Parcel No**	**General Plan**
INDALLOY ADDITION	7		7	0020-0000-0007-00-0R	

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks
BUILDING	Russell McDowell	1/29/2019	2/5/2019	1/30/2019	1	APPROVED	
ENGINEERING	Sarah Hager	1/29/2019	2/5/2019	2/6/2019	8	COMMENTS	

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks

(2/6/2019 4:27 PM SH)
- Airport Rd and E Washington must have 65' ROW. Must Dedicate 32.5' from the centerline. Must build min 24' of Airport Rd with Storm.
- Each lane must be 24' wide if used for fire lane for the driveway on Industrial
- Need to build a minimum of 24' of paving for road to the north.
- Need to show Existing and Proposed Utilities.
- Show Existing Floodplain.
- Show Proposed Fire Lanes.
- Show dimensions on parking.
- Fire Lane must have 30' Radii.
- Label distance to each driveway. (See markup)
- Do you plan to relocate the existing sewer line?

The following items are for your review for enginering design
- 4% Engineering Inspection Fees
- Impact fees.
- Flood Study is required. LOMR is required during construction.
- WOTUS study is required.
- Min 20' utility easements.
- No structures in easements.
- Fire lane easement to be on plat.
- Fire lane to be 24' wide with 20' radii or larger depending on height of building.
- Parking to be 20'x9'
- No dead-end parking.
- Driveway spacing must be labeled o Site Plan.
- 12" water line available in Airport Rd. Must loop 8" waterline in site.
- 8" sewer available east of property.
- Dumpster area to drain to oil/water separator.
- Must have detention. Manning's "c-value" is per zoning for the entire property. 4:1 max slope...no vertical walls allowed in detention easement
- Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for.
- No trees within 5' of public utilities.
- Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls.
- Pro-rata due for sewer ($105.18/lf) if you tie sewer along Industrial.
- Must meet all City Engineering Standards.

ENGINEERING	Sarah Hager	2/20/2019	2/27/2019	2/22/2019	2	COMMENTS	Revision 1

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks
(2/22/2019 10:40 AM SH) - Work with Planning Department to get the "Private Road" abandoned. - Need to align with road where no ROW is needed along E Washington - Need to discuss the "Proposed 65' ROW." City doesn't maintain ROW for private developments - What is the line north of Airport Rd. (See markup) - Need pedestrian easemetn at the corner of Airport Rd and Industrial Blvd. - Water line to be centered in 20' Easement. - All public water, sewer, and storm to have 10' spacing and 10' to easement lines. (See markup) - Drive entrances on Industrial Dr to be 9" 4200psi (7.5 Sack) concrete to the ROW line. - Is the sewer line running along the front of the building, the private service? - It is the City's understanding that the water line that runs along the south of the property is 12" not 8" as shown. - Add the sack amount to the concrete specifcations on the right of the page. (2/22/2019 10:40 AM SH) The following items are for your review for enginering design - 4% Engineering Inspection Fees - Impact fees. - Flood Study is required. LOMR is required during construction. - WOTUS study is required. - Min 20' utility easements. - No structures in easements. - Fire lane easement to be on plat. - Fire lane to be 24' wide with 20' radii or larger depending on height of building. - Parking to be 20'x9' - No dead-end parking. - Driveway spacing must be labeled o Site Plan. - 12" water line available in Airport Rd. Must loop 8" waterline in site. - 8" sewer available east of property. - Dumpster area to drain to oil/water separator. - Must have detention. Manning's "c-value" is per zoning for the entire property. 4:1 max slope...no vertical walls allowed in detention easement - Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for. - No trees within 5' of public utilities. - Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smoothconcrete walls. - Pro-rata due for sewer ($105.18/lf) if you tie sewer along Industrial. - Must meet all City Engineering Standards.							
FIRE	Ariana Hargrove	1/29/2019	2/5/2019	2/4/2019	6	APPROVED	
FIRE	Ariana Hargrove	2/20/2019	2/27/2019	2/21/2019	1	APPROVED	Revision 1
GIS	Lance Singleton	1/29/2019	2/5/2019	2/20/2019	22	APPROVED	

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks
PLANNING	David Gonzales	1/29/2019	2/5/2019	2/1/2019	3	COMMENTS	See comments

PLANNING AND ZONING 1ST ROUND COMMENTS - PHASE 1 ONLY (02.01.2019):

The following staff comments (i.e. Phase 1 only) are to be addressed and resubmitted no later than Thurday February 14, 2019. Please provide three large copies [24" X 36" FOLDED] and one PDF version for a subsequent review by staff:

** Planning Department General Comments & Requirements to address/acknowledge:

1. Adherence to Engineering and Fire Department standards shall be required.
2. Submittal and approval of a Civil Engineering Plans and Final Plat prior to issuance of a Certificate of Occupancy (CO).
3. Label all revised site plan documents with "Case No. SP2019-004" at the lower right corner of each plan.

VARIANCES AND EXCEPTIONS FOR THE PLANNING AND ZONING COMMISSION TO CONSIDER:

1. Vertical articulation standards of the UDC for all facades.
2. Horizontal articulation standards of the UDC for facades.
3. Minimum 20% stone requirement for all facades that are visible from a public street or open space.
4. For the use of tilt-up wall construction.

** Please address the following Planning Comments for each plan and resubmit revised plans by date requested for a subsequent/final review by staff:

Site Plan:
1. Provide adjacent property owner infomation on Overall Site Plan (aerial version).
2. Label all 24-ft firelane access easement as "24-ft Firelane, Public Access, Drainage and Utility Easements (as appropriate for each).
3. Provide a hatch to the area indicating to be abandoned (i.e. Aluminum Plant Road). Although indicated on the site plan, this will be accomplished at final plat and purchased -- at fair market value -- with the approval of the City Council.
4. Provide a slightly heavier line for the future parking areas and label as such.
5. Use a lighter gray scale for the utility lines layer.
6. For the areas labled as 'Loading Area', are these loading docks? If so, provide a minimum 14-ft architecturally integrated screening wall.
7. Parkingspace count for manufacturing = 1 space per 500-SF or 0.75 spaces for each employee on the largest shift, whichever is greater. Provide a letter indicating the number of employees on the largest shift. Parking count may be determined by the Director of Planning.

Landscape Plan:
1. Applicant requesting an alternative tree mitigation settlement agreement.

Photometric Plan:
1. Lighting levels are not to exceed 0.2-FC at the property lines. The lighting levels along the northern property line exceed this standard. Adjustment required in order to meet the standards of the UDC.

Building Elevations:
1. All roof-top mechanical equipment requires screening from rights-of-way and adjacent properties. Dash-in RTU's on elevations. Provide detail of screening mechanism to be used if these are not properly sceened.
2. Requires a recommendation from the Architectural Review Board (ARB). See scheduled meeting below.

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks

3. Provide a materials sample board for ARB review of the actual materials to be used(other than tilt-up wall).
4. Provide percentages of exterior material calculations for each elevation(e.g. formliner stone pattern& tilt-up wall).
5. Will there be any stone on the building? The UDC requires a minium of 20% stone on each elevation that is visible from a public street or open space. If there is no stone, this will require approval of a variance by the Planning and Zoning Commission.
6. Approval of an exception to the masonry standards by the Planning and Zoning Commission is required for the use of tilt-up wall construction.

** The following are scheduled meeting dates that you and/or your representative(s) are required to attend regarding the Site Plan request. If you have any questions regarding this case, please feel free to contact David Gonzales, AICP with the Planning Department at 972-771-7745.

Meeting Dates to Attend:

Architectural Review Board: February 26, 2019 (5:00 p.m.) [Recommendations from ARB]

Planning - Work Session: February 26, 2019 (6:00p.m.) [Applicant to present/discuss project]

Architectural Review Board: March 12, 2019 (5:00 p.m.) [Subsequent meeting if necessary]

Planning - Action: March 12, 2019 (6:00p.m.) [P&Z to take action (i.e. approve, approve with conditions, deny)]

** City Council - Action: Monday, March 18, 2019 (6:00 p.m.) [FOR VARIANCE AND EXCEPTION REQUESTS NOT APPROVED BY THE PLANNING AND ZONING COMMISSION] **

PLANNING	David Gonzales	2/20/2019	2/27/2019	2/20/2019		COMMENTS	Revision 1 Comments

Revised comments on next page

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks

Discuss and consider a request by Mark W. Pross of Pross Design Group, Inc. on behalf of Carolina Molina of Alvaplast US (SPR Packaging) for the approval of a site plan for a warehouse/manufacturing facility on a 11.3736-acre tract of land identified as Tract 7 of the N. Butler Survey, Abstract No. 20, City of Rockwall, Rockwall County, Texas, zoned Light Industrial (LI) District, situated at the terminus of Aluminum Plant Road, and take any action necessary.

PLANNING AND ZONING 2nd ROUND COMMENTS - PHASE 1 ONLY (02.20.2019):

The following staff comments (i.e. Phase 1 only) are to be addressed and resubmitted no later than Tuesday, March 5, 2019. Please provide two (2) large copies [24" X 36" FOLDED] and one PDF version for a subsequent/final review by staff:

CITY COUNCIL TO CONSIDER ALTERNATIVE TREE MITIGATION SETTLEMENT AGREEMENT:

1. Alternative tree mitigation settlement agreement in the amount of $49,125.00 (i.e. 491.25 inche mitigation) requires approval of the City Council.

EXCEPTIONS FOR THE PLANNING AND ZONING COMMISSION TO CONSIDER FOR APPROVAL:

1. The use of Tilt-Up Wall construction.
2. For not meeting the minimum 20% stone requirement for each facade.
3. For not meeing the Building Articulation standards of the Unified Devleopment Code (UDC) for: a) Primary building facades and b) Secondary building facades.

** Please address the following Planning Comments for each of the revised plans and resubmit by the date as requested for a subsequent/final review by staff:

Site Plan:
1. Overall Site Plan (aerial version & B&W site plan) - Label as "Future Expansion" on Phase 2 portion and use a lighter gray scale to distinguish Phase 2.
2. Correction needed: label all 24-ft access easement as "24-ft Firelane, Public Access, and Utility Easements".
3. Site Plan Data table: since this approval is for Phase 1 only, please use a lighter gray scale for the future warehose references and label as such
4. Legend: quantities indicated to be approved by the engineering department.
5. As a note, I did not receive the letter for regarding parking; however, this is not required until Phase 2 site plan (if needed).
6. Delineate and label the required minimum 10-ft Landscape Buffer along Industrial Blvd and Airport Road.

Landscape Plan:
1. 10-ft Landscape Buffer along Industrial Blvd and Airport Road to have trees for each 50-ft linear feet of frontage. Move the necessary number of trees into the landscape buffer strip.
2. The use of hydromulch requires the hydromulch to be established at a minimum height of one (1) inch and at a minimum coverage of 75% for disturbed areas prior to the release of a Certificate of Occupancy (CO). Sod is preffered. Change Notes regarding the use of hydromulch to reflect the required standard or use sod

Photometric Plan:
1. Based on the revised plan, it meets the minimum standards per the Unified Development Code.

Building Elevations:
1. Approval of an exception to the masonry standards by the Planning and Zoning Commission is required for the use of tilt-up wall construction and not meeting the minimum stone requriement of 20% per facade.

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks

** The following are scheduled meeting dates that you and/or your representative(s) are required to attend regarding the Site Plan request. If you have any questions regarding this case, please feel free to contact David Gonzales, AICP with the Planning Department at 972-771-7745.

Meeting Dates to Attend:

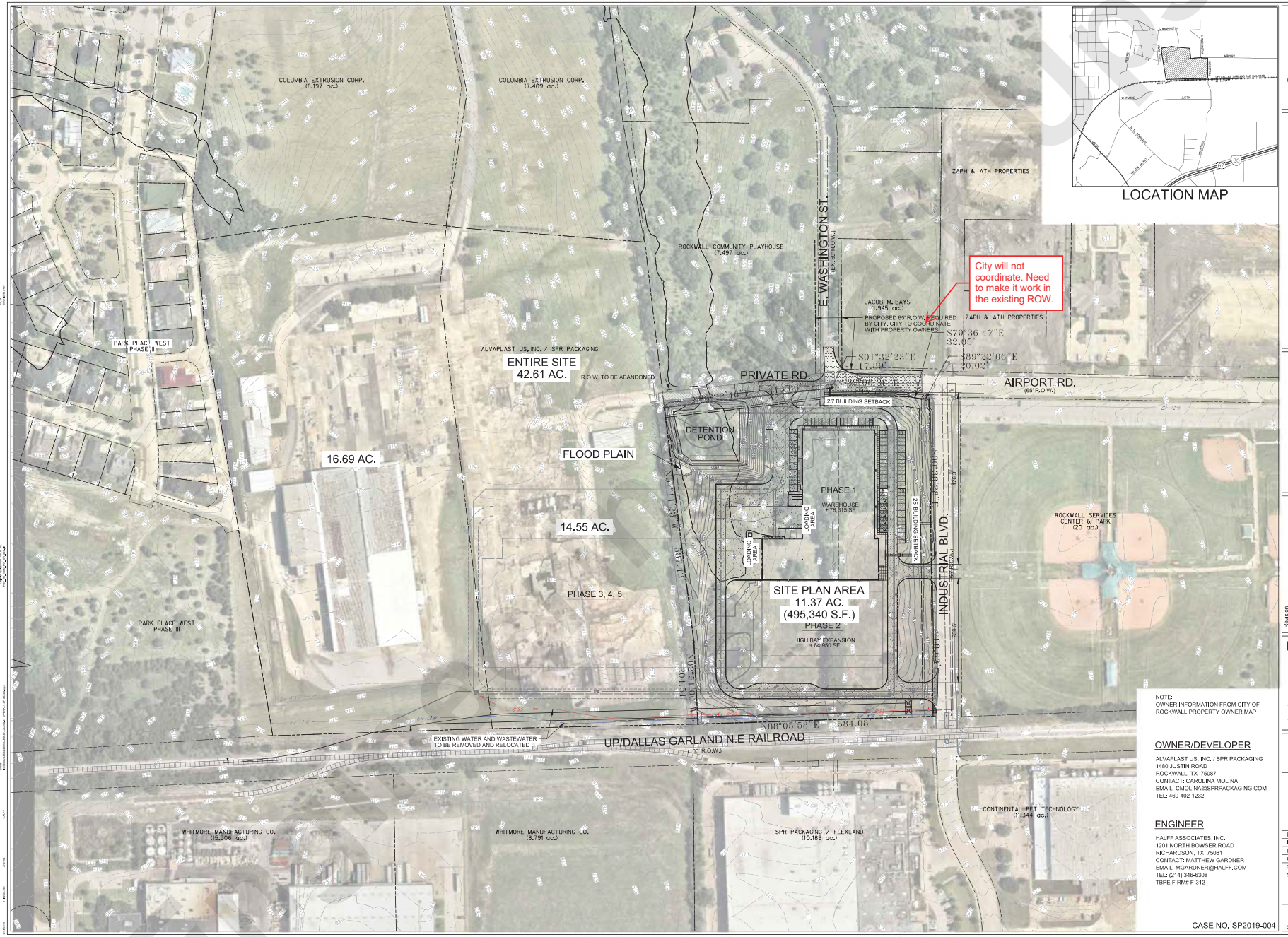
Architectural Review Board: February 26, 2019 (5:00 p.m.) [Recommendations from ARB]

Planning - Work Session: February 26, 2019 (6:00p.m.) [Applicant to present/discuss project]

Architectural Review Board: March 12, 2019 (5:00 p.m.) [Subsequent meeting if necessary]

Planning - Action: March 12, 2019 (6:00p.m.) [P&Z to take action (i.e. approve, approve with conditions, deny)]

** City Council - Action: Monday, March 18, 2019 (6:00 p.m.) [FOR APPROVAL OF THE ALTERNATIVE TREE MITIGATION SETTLEMENT AGREEMENT & FOR VARIANCE AND EXCEPTION REQUESTS THAT ARE NOT APPROVED BY THE PLANNING AND ZONING COMMISSION] **



LOCATION MAP

N

0 50 100 150 200

SCALE: 1"=100'

SPR PACKAGING

ROCKWALL, TEXAS

HALFF

1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081
(214) 346-6200

Revision Nos.	Date	Description

PRELIMINARY

FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY, OR UNDER THE SUPERVISION OF:

MATTHEW J. GARDNER — 130786
NAME — P.E. NO.
DATE — 2/14/2019
TBPE FIRM # F-312

NOTE:
OWNER INFORMATION FROM CITY OF ROCKWALL PROPERTY OWNER MAP

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
TEL: 469-402-1232

ENGINEER

HALFF ASSOCIATES, INC.
1201 NORTH BOWSER ROAD
RICHARDSON, TX. 75081
CONTACT: MATTHEW GARDNER
EMAIL: MGARDNER@HALFF.COM
TEL: (214) 346-6308
TBPE FIRM# F-312

CASE NO. SP2019-004

Project No.:	35533
Issued:	FEBRUARY, 2019
Drawn By:	CAD
Checked By:	MJG
Scale:	AS SHOWN

Sheet Title

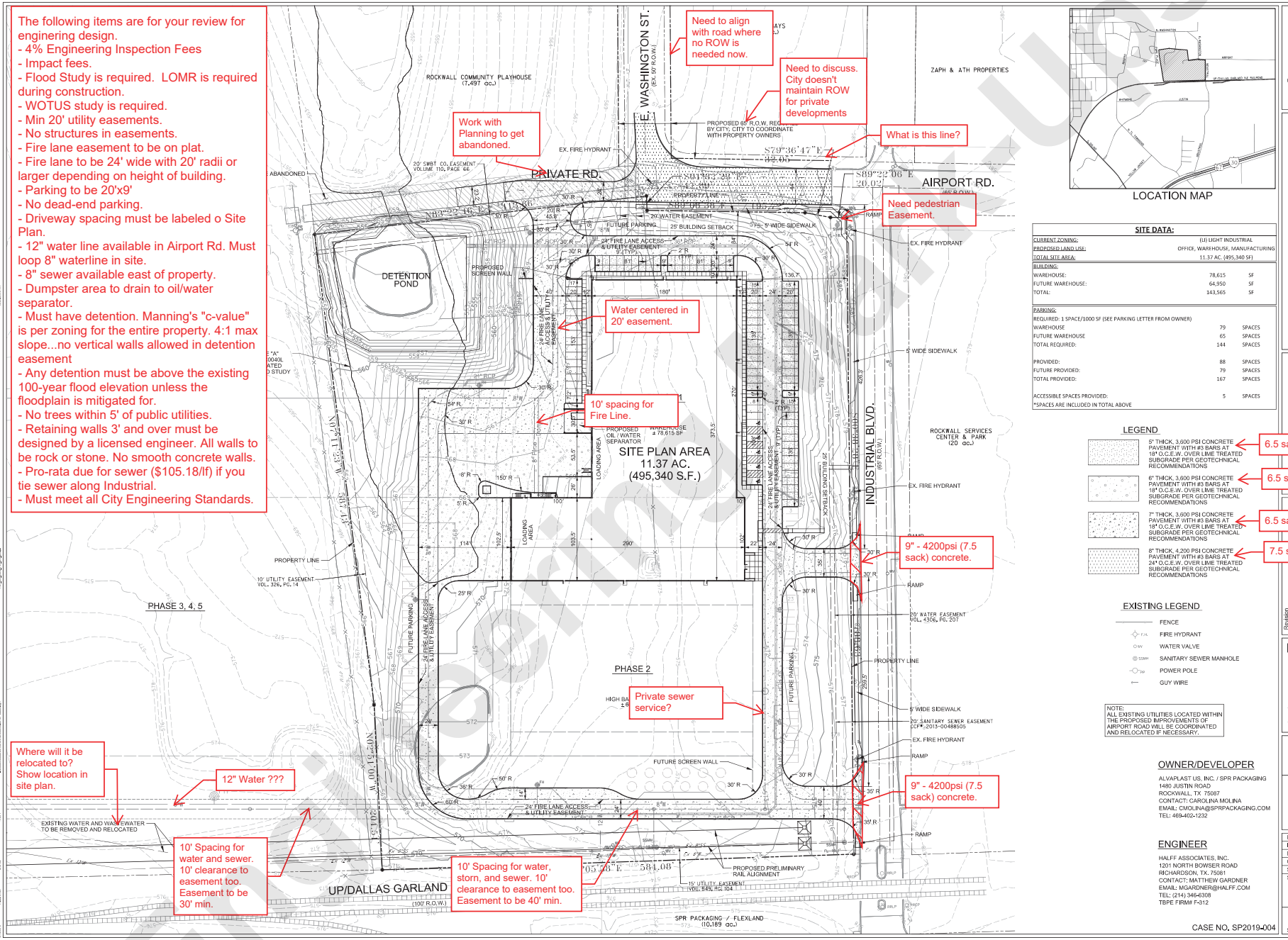
OVERALL SITE PLAN

C0.01

Sheet Number

Engineering Plans

The following items are for your review for enginering design.
- 4% Engineering Inspection Fees
- Impact fees.
- Flood Study is required. LOMR is required during construction.
- WOTUS study is required.
- Min 20' utility easements.
- No structures in easements.
- Fire lane easement to be on plat.
- Fire lane to be 24' wide with 20' radii or larger depending on height of building.
- Parking to be 20'x9'
- No dead-end parking.
- Driveway spacing must be labeled o Site Plan.
- 12" water line available in Airport Rd. Must loop 8" waterline in site.
- 8" sewer available east of property.
- Dumpster area to drain to oil/water separator.
- Must have detention. Manning's "c-value" is per zoning for the entire property. 4:1 max slope...no vertical walls allowed in detention easement
- Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for.
- No trees within 5' of public utilities.
- Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls.
- Pro-rata due for sewer ($105.18/lf) if you tie sewer along Industrial.
- Must meet all City Engineering Standards.



LOCATION MAP

SCALE: 1"=50'

SPR PACKAGING
ROCKWALL, TEXAS

SITE DATA:

CURRENT ZONING:	(LI) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	78,615	SF
FUTURE WAREHOUSE:	64,950	SF
TOTAL:	143,565	SF
PARKING:		
REQUIRED: 1 SPACE/1000 SF (SEE PARKING LETTER FROM OWNER)		
WAREHOUSE	79	SPACES
FUTURE WAREHOUSE	65	SPACES
TOTAL REQUIRED:	144	SPACES
PROVIDED:	88	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	167	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

LEGEND

- 5" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS — 6.5 sack mix
- 6" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS — 6.5 sack mix
- 7" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS — 6.5 sack mix
- 8" THICK, 4,200 PSI CONCRETE PAVEMENT WITH #3 BARS AT 24" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS — 7.5 sack mix

EXISTING LEGEND

- FENCE
- FIRE HYDRANT
- WATER VALVE
- SANITARY SEWER MANHOLE
- POWER POLE
- GUY WIRE

NOTE:
ALL EXISTING UTILITIES LOCATED WITHIN THE PROPOSED IMPROVEMENTS OF AIRPORT ROAD WILL BE COORDINATED AND RELOCATED IF NECESSARY.

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX. 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
TEL: 469-402-1232

ENGINEER

HALFF ASSOCIATES, INC.
1201 NORTH BOWSER ROAD
RICHARDSON, TX. 75081
CONTACT: MATTHEW GARDNER
EMAIL: MGARDNER@HALFF.COM
TEL: (214) 346-6308
TBPE FIRM# F-312

CASE NO. SP2019-004

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TEXAS 75081
(214) 346-6200

Revision No.	Date	Description

PRELIMINARY
FOR INTERIM REVIEW ONLY

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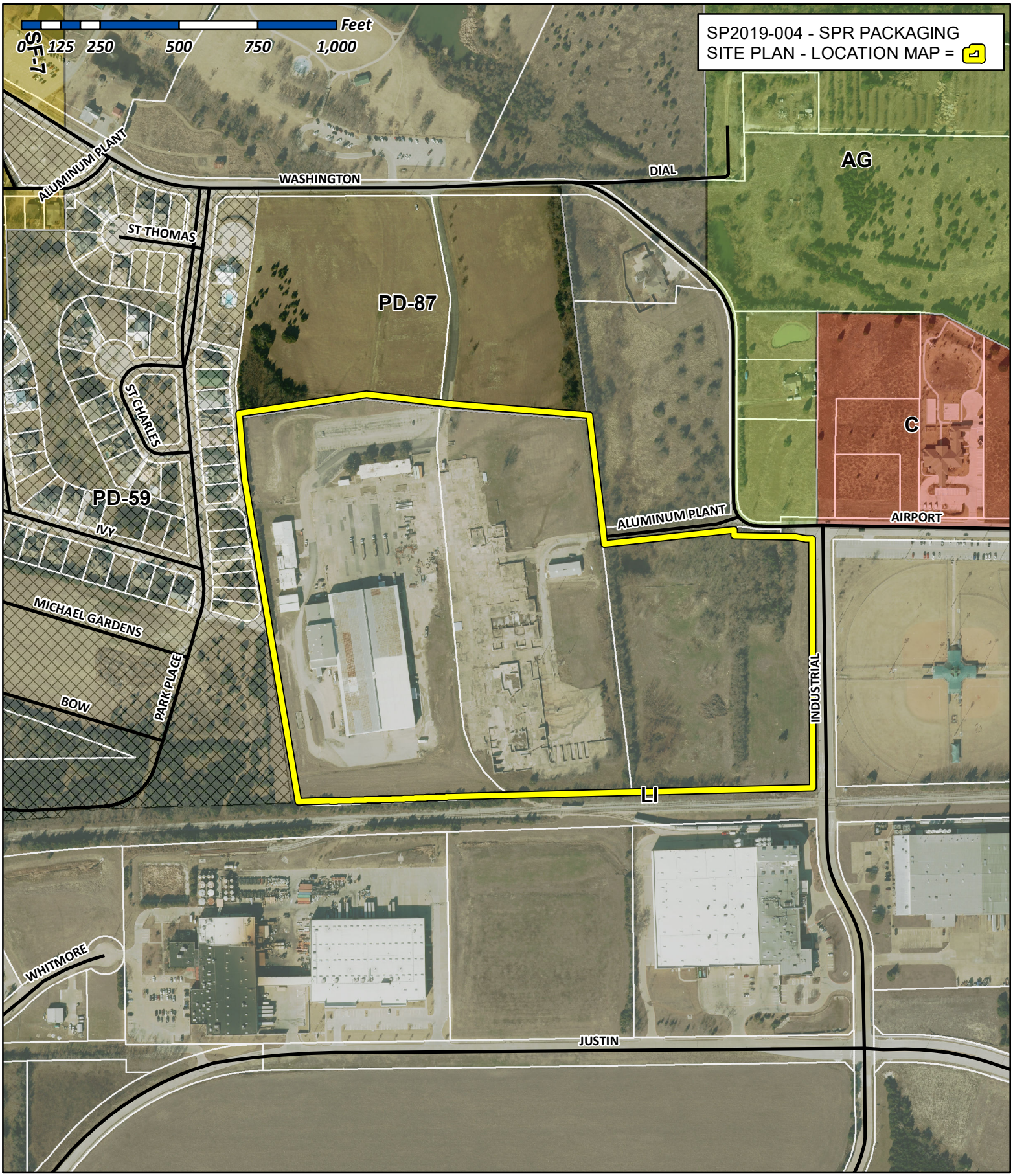
MATTHEW J. GARDNER — 130786
NAME — P.E. NO.
DATE — 2/14/2019
TBPE FIRM # F-312

Project No.:	35533
Issued:	FEBRUARY, 2019
Drawn By:	CAD
Checked By:	MJG
Scale:	AS SHOWN

Sheet Title: DETAILED SITE PLAN

C0.02
Sheet Number

Engineering Plan Review



City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75032
(P): (972) 771-7745
(W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.

Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

MEMORANDUM

TO:	David Gonzales Rockwall Planning & Zoning 385 S. Goliad Street Rockwall, Texas 75087	**DATE:**	2/15/2019
FROM:	Matthew Gardner, P.E.	**AVO:**	35533
EMAIL:	mgardner@halff.com		
SUBJECT:	**Comment Response for SPR Packaging Site Plan (SP2019-004)**		

David-

See below for my response in red to each comment. Let me know if you have any questions.

Thank You

SPR Packaging Site Plan

Building – Russell McDowell
Status: Approved

Engineering – Sarah Hager
Comments:

- Airport Rd and E Washington must have 65' ROW. Must Dedicate 32.5' from the centerline. Must build min 24' of Airport Rd with Storm.
  → Washington proposed R.O.W. shown for planning purposes. We can not dedicate land off our property. City to coordinate with property owners to acquire R.O.W. as needed.
- Each lane must be 24' wide if used for fire lane for the driveway on Industrial.
  → Noted & Updated.
- Need to build a minimum of 24' of paving for road to the north.
  → We understand we're responsible for this, but what do you want to be shown? Would remaining section be built by City at the same time?
- Need to show Existing and Proposed Utilities.
  → Noted.
- Show Existing Floodplain.
  → Noted.
- Show Proposed Fire Lanes.
  → Noted.
- Show dimensions on parking.
  → Noted.
- Fire Lane must have 30' Radii.
  → Noted.
- Label distance to each driveway. (See markup)
  → Updated.

Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

Do you plan to relocate the existing sewer line?

→ Yes. Existing sewer line to be removed and relocated is shown in red on the Overall Site Plan. Existing water line to be removed and relocated is shown in blue on the Overall Site Plan.

The following items are for your review for engineering design.

- 4% Engineering Inspection Fees
  → Acknowledged.
- Impact fees.
  → Acknowledged.
- Flood Study is required. LOMR is required during construction.
  → Acknowledged.
- WOTUS study is required.
  → Acknowledged.
- Min 20' utility easements.
  → Acknowledged.
- No structures in easements.
  → Acknowledged.
- Fire lane easement to be on plat.
  → Acknowledged.
- Fire lane to be 24' wide with 20' radii or larger depending on height of building.
  → Noted.
- Parking to be 20'x9'
  → Noted.
- No dead-end parking.
  → Acknowledged.
- Driveway spacing must be labeled on Site Plan.
  → Updated.
- 12" water line available in Airport Rd. Must loop 8" waterline in site.
  → Water line is looped from Airport Road to the south side of Industrial Blvd. Proposed water line does not continue onsite parallel to Industrial Blvd. due to existing fire hydrants along Industrial Blvd.
- 8" sewer available east of property.
  → Noted.
- Dumpster area to drain to oil/water separator.
  → Noted & Updated.
- Must have detention. Manning's "c-value" is per zoning for the entire property.4:1max slope...no vertical walls allowed in detention easement
  → Acknowledged.
- Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for.
  → Acknowledged.
- No trees within 5' of public utilities.
  → Acknowledged.
- Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls.
  → Acknowledged.
- Pro-rata due for sewer($105.18/lf) if you tie sewer along Industrial.
  → Since we are removing and relocating the existing sewer, is this fee applicable?
- Must meet all City Engineering Standards.
  → Acknowledged.

Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

Fire – Ariana Hargrove
Status: Approved

GIS – Lance Singleton
Status:

Planning – David Gonzales
Comments:

- PLANNING AND ZONING 1ST ROUND COMMENTS – PHASE 1 ONLY (02.01.2019):
  The following staff comments (i.e. Phase 1 only) are to be addressed and resubmitted no later than Thursday, February 14, 2019. Please provide three large copies [24"X36"FOLDED] and one PDF version for a subsequent review by staff:

- **Planning Department General Comments & Requirements to address/acknowledge:
  1. Adherence to Engineering and Fire Department standards shall be required.
     → Acknowledged.
  2. Submittal and approval of a Civil Engineering Plans and Final Plat prior to issuance of a Certificate of Occupancy (CO).
     → Acknowledged.
  3. Label all revised site plan documents with "Case No.SP2019-004" at the lower right corner of each plan.
     → Updated.

- Variances and Exceptions for the Planning and Zoning Commission to Consider:
  1. Vertical articulation standards of the UDC for all facades.
  2. Horizontal articulation standards of the UDC for facades.
  3. Minimum 20% stone requirement for all facades that are visible from a public street or open space.
  4. For the use of tilt-up wall construction.

- **Please address the following Planning Comments for each plan and resubmit revised plans by date requested for a subsequent/final review by staff:

  Site Plan:
  1. Provide adjacent property owner information on Overall Site Plan (aerial version).
     → Updated.
  2. Label all 24-ft firelane access easement as "24-ft Firelane, Public Access, Drainage and Utility Easements (as appropriate for each).
     → Updated label to “24’ Fire Lane Access & Utility Easement.”
  3. Provide a hatch to the area indicating to be abandoned (i.e. Aluminum Plant Road). Although indicated on the site plan, this will be accomplished at final plat and purchased--at fair market value--with the approval of the City Council.
     → Updated.
  4. Provide a slightly heavier line for the future parking areas and label as such.
     → Updated.
  5. Use a lighter gray scale for the utility lines layer.
     → Updated.
  6. For the areas labeled as ‘Loading Area’, are these loading docks? If so, provide a minimum14-ft architecturally integrated screening wall
     → See proposed screen walls located at NW corner of building.

Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

7. Parking space count for manufacturing=1space per500-SF or0.75spaces for each employee on the largest shift, whichever is greater. Provide a letter indicating the number of employees on the largest shift. Parking count may be determined by the Director of Planning.
   → See parking letter from Owner. For Site Plan calculation purposes, we held 1 space / 1000 sf ratio.

Landscape Plan:
1. Applicant requesting an alternative tree mitigation settlement agreement.

Photometric Plan:
1. Lighting levels are not to exceed 0.2-FC at the property lines. The lighting levels along the northern property line exceed this standard. Adjustment required in order to meet the standards of the UDC.
   → See revised photometrics plan.

Building Elevations:
1. All roof-top mechanical equipment requires screening from rights-of-way and adjacent properties. Dash-in RTU's on elevations. Provide detail of screening mechanism to be used if these are not properly screened.
   → Roof top units will be screened by the building's concrete parapets.
2. Requires a recommendation from the Architectural Review Board (ARB). See scheduled meeting below.
   → Ok.
3. Provide a materials sample board for ARB review of the actual materials to be used (other than tilt-up wall).
   → This was provided in the first submission.
4. Provide percentages of exterior material calculations for each elevation (e.g. formliner stone pattern & tilt-up wall).
   → See revised elevations.
5. Will there be any stone on the building? The UDC requires a minimum of20%stone on each elevation that is visible from a public street or open space. If there is no stone, this will require approval of a variance by the Planning and Zoning Commission.
   → The building's facades consist of conc. tilt-wall, stone, and form liner.
6. Approval of an exception to the masonry standards by the Planning and Zoning Commission is required for the use of tilt-up wall construction.

- **The following are scheduled meeting dates that you and/or your representative(s)are required to attend regarding the Site Plan request. If you have any questions regarding this case, please feel free to contact David Gonzales, AICP with the Planning Department at972-771-7745.
  Meeting Dates to Attend:
  1) Architectural Review Board: February26,2019 (5:00p.m.) [Recommendations from ARB]
  2) Planning-Work Session: February26,2019 (6:00p.m.) [Applicant to present/discuss project]
  3) Architectural Review Board: March12,2019 (5:00p.m.) [Subsequent meeting if necessary]
  4) Planning-Action: March12,2019 (6:00p.m.) [P&Z to take action (i.e. approve, approve with conditions, deny)]
  5) **City Council-Action: Monday, March18,2019 (6:00p.m.) [FOR VARIANCE AND EXCEPTION REQUESTS NOT APPROVED BY THE PLANNING AND ZONING COMMISSION] **
     → Noted.

pross design group, incorporated

February 1, 2019

Mr. David Gonzalez, IACP
Planning and Zoning Manager
Planning and Zoning Division
City of Rockwall
385 S. Goliad St.
Rockwall, Texas 75087

RE: SITE PLAN SUBMITTAL, SPR PACKAGING

Dear Mr. Gonzalez,

This letter is to inform you that we wish to proceed with review and comments of the Phase 1 portion of the Site Plan Submittal already sent to your office. I am attaching a copy of the recent Floor Plan Modifications and Elevation Changes, so that you can be aware of the correct configuration of the buildings. Please note that after we receive the comments, we will revise the drawings and remove Phase 2 from the Submittal Documents so that the response comments will be addressing Phase 1 only with the appropriate documentation. Should you have any questions, feel free to give me a call.

Sincerely,

Mark W. Pross
President

MWP/cs

Attachments: Floor Plan Modifications & Elevation Changes

• 5310 Harvest Hill Road, Suite 180 • Dallas, Texas 75230 • 972 / 759-1400 •

SPR NORTH PHASE 1 AND 2 SITE PLAN SUBMITTAL
OFFICE / WAREHOUSE / PRODUCTION FACILITY
REQUESTED VARIANCES

On behalf of SPR Packaging, the following is a list of variances to the City of Rockwall Development Codes that we wish to submit to your office, for the Site Plan Submittal.

The original building SPR Packaging is occupying at 1480 Justin Road is the design basis for this new building. It is the Owner's intent to develop a two to three (2-3) building campus as they expand their business on the property to the north. Accordingly, they wish that the new buildings developed to the north, be designed with the same design character and intent as the original building they currently occupy. At the time the original building was developed, we sought and gained approval for modifications to the development code as it relates to materials and articulation. Please see the attached Elevation Concepts, which indicate the appearance of both Phase 1 and Phase 2. Please note that Phase 1 will be initially constructed with Phase 2 to follow later this year.

A. Construction Materials:

1. The Owner wishes to be granted a variance to eliminate 20% stone on the building facades, but wishes to substitute the same stone-like formliner that was previously approved on the original building.

2. As with the original building that has extruder equipment, the Phase 2 building will also be provided with extruder equipment, which we cannot take wall panels to 120' in height. Accordingly, we want the wall panels to match the Phase 1 building in height with pre-finished metal panels above. These panels are typically 18" - 24" wide and will be pre-finished in a bright white to match the existing building previously approved.

B. Maximum Building Height:

1. The Phase 1 building wall panels will be 46' feet in height. There is no problem with the development of the Phase 1 building with these panel heights. However, the Phase 2 will have an Extruder Area that will be a total of 120' tall. We will be submitting a Special Use Permit to receive approval to go to this height. It should be noted that we were granted a Special Use Permit for the height of the Extruder Area for the existing building to 75'.

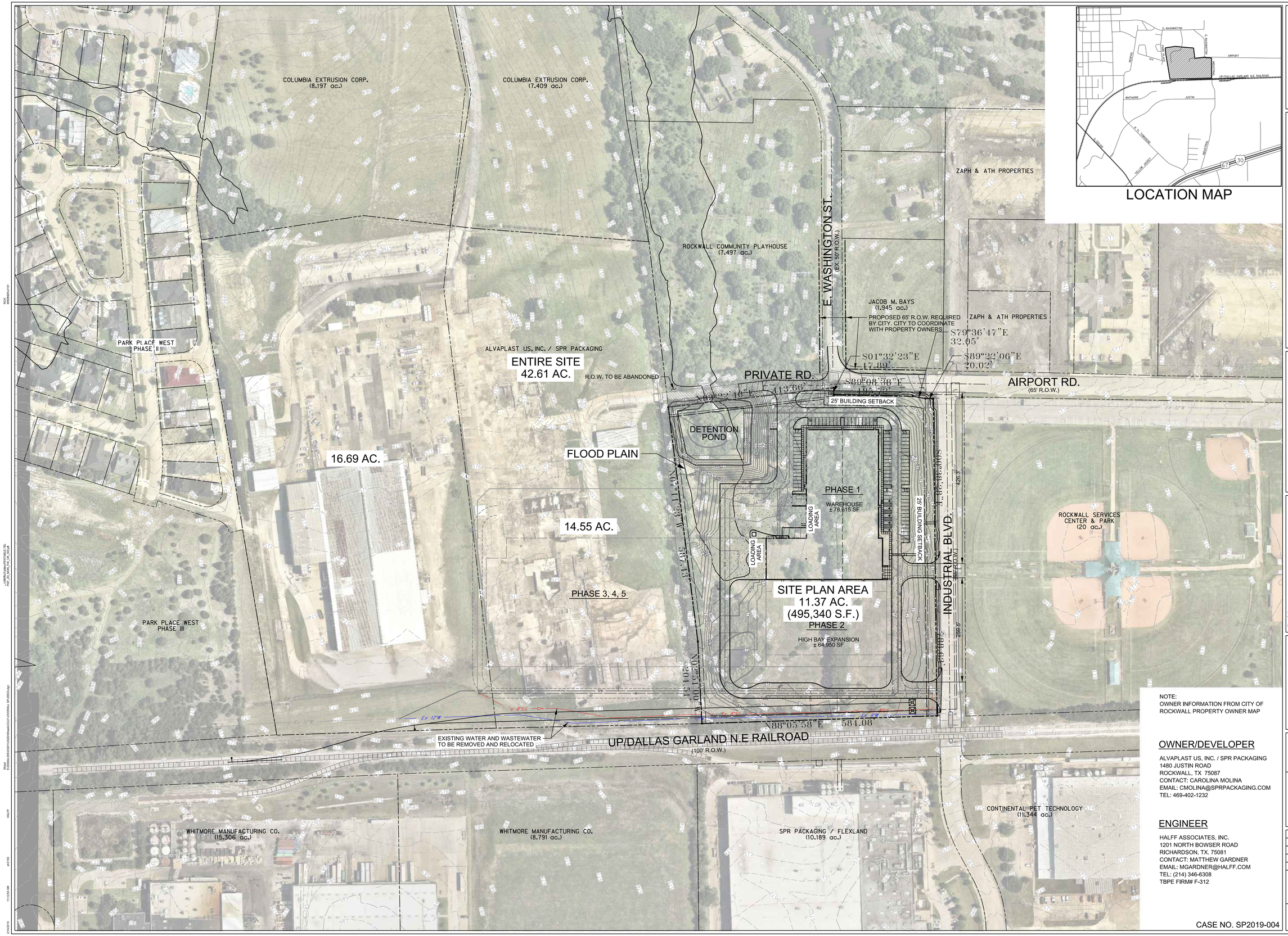
C. Building Articulation:

1. Due to the size of this building and its additional phases, the building will not meet current articulation standards. The tops of the wall panels for the Phase 2 portion of the project will be saw-tooth to match the existing building. There will be a massive entrance on the east side of the project, which will separate Phase 1 and Phase 2, where exterior stone will be utilized. A large glass facade will also accompany this area of the building. The Phase 1 building will have limited off-

sets but will have an aluminum canopy with an entry Storefront and glass windows. The remaining portion of the building will be monolithic in nature, except for the formliner that looks like stone. The Architect will use paint to accent the formliner and the other sections of the building. See Proposed Elevation Study.

D. Landscaping:

1. During the DRC meeting with City Staff, the Owner was requested to provide screening in front of the current existing building to the west to screen the residential development abutting the west side of the property. We would like to request deferral of any landscape screening for this building until the Owner begins the renovation process of that building since we are not modifying this building now, the existing site should be "grandfathered". There may be modifications to paving that may result in loss if new trees are installed to screen Phase 1 and Phase 2 of the project, which now is several hundred feet to the east. The Owner agrees to provide landscape screening on the west side of the project for the existing building, at such time as a permit is submitted for the improvement and renovation of the existing old building on site.



SPR PACKAGING
ROCKWALL, TEXAS

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081
(214) 346-6200

Revision No.	Date	Description

PRELIMINARY

FOR INTERIM REVIEW ONLY

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR REGULATORY APPROVAL, PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY, OR UNDER THE SUPERVISION OF:

MATTHEW J. GARDNER — 130786
NAME — P.E. NO.
DATE — 2/14/2019
TBPE FIRM # F-312

NOTE:
OWNER INFORMATION FROM CITY OF ROCKWALL PROPERTY OWNER MAP

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
TEL: 469-402-1232

ENGINEER

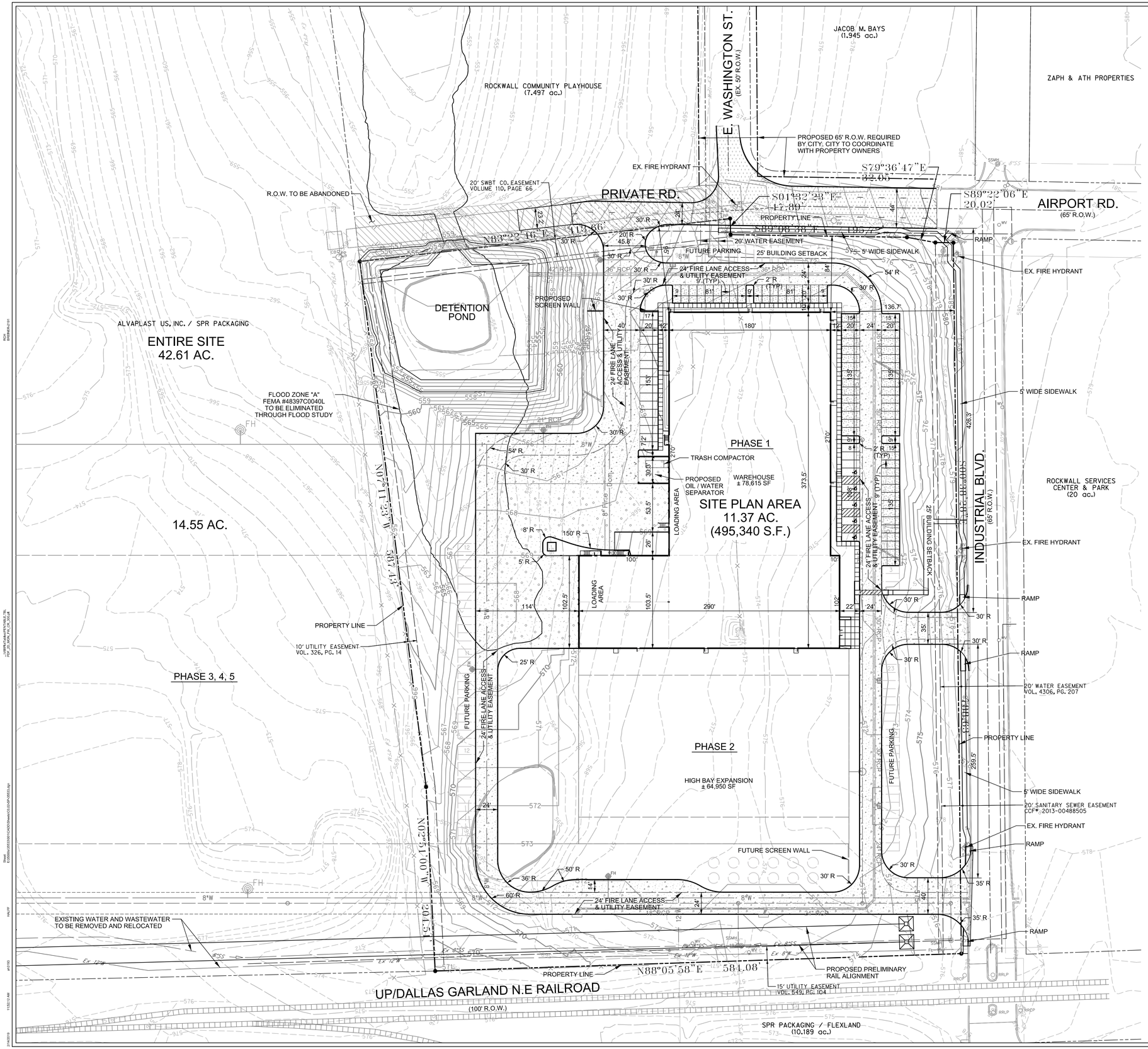
HALFF ASSOCIATES, INC.
1201 NORTH BOWSER ROAD
RICHARDSON, TX. 75081
CONTACT: MATTHEW GARDNER
EMAIL: MGARDNER@HALFF.COM
TEL: (214) 346-6308
TBPE FIRM# F-312

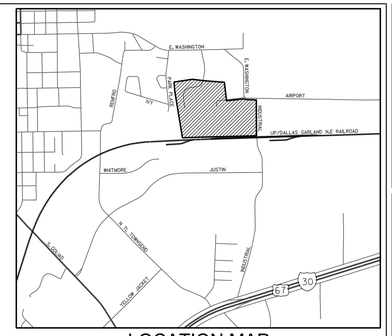
CASE NO. SP2019-004

Project No.:	35533
Issued:	FEBRUARY, 2019
Drawn By:	CAD
Checked By:	MJG
Scale:	AS SHOWN

Sheet Title
OVERALL
SITE PLAN

C0.01
Sheet Number





LOCATION MAP

N

0 25 50 75 100

SCALE: 1"=50'

SITE DATA:

CURRENT ZONING:	(LI) LIGHT INDUSTRIAL
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING
TOTAL SITE AREA:	11.37 AC. (495,340 SF)

BUILDING:		
WAREHOUSE:	78,615	SF
FUTURE WAREHOUSE:	64,950	SF
TOTAL:	143,565	SF

PARKING:		
REQUIRED: 1 SPACE/1000 SF (SEE PARKING LETTER FROM OWNER)		
WAREHOUSE	79	SPACES
FUTURE WAREHOUSE	65	SPACES
TOTAL REQUIRED:	144	SPACES
PROVIDED:	88	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	167	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

LEGEND

- 5" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 6" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 7" THICK, 3,600 PSI CONCRETE PAVEMENT WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 8" THICK, 4,200 PSI CONCRETE PAVEMENT WITH #3 BARS AT 24" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS

EXISTING LEGEND

- FENCE
- F.H. FIRE HYDRANT
- WV WATER VALVE
- SSMH SANITARY SEWER MANHOLE
- PP POWER POLE
- GUY WIRE

NOTE:
ALL EXISTING UTILITIES LOCATED WITHIN THE PROPOSED IMPROVEMENTS OF AIRPORT ROAD WILL BE COORDINATED AND RELOCATED IF NECESSARY.

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
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ENGINEER

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CASE NO. SP2019-004

SPR PACKAGING
ROCKWALL, TEXAS

HALFF
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NAME	P.E. NO.
DATE	2/14/2019
TBPE FIRM # F-312	

Project No.:	35533
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Sheet Title

DETAILED SITE PLAN

C0.02
Sheet Number

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OVERALL LANDSCAPE PLAN

N

SCALE: 1" = 80'-0"

0 40 80 160

BELLE FIRMA

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTINA ANN HASTINGS
2246
STATE OF TEXAS

02/14/19

pdg

pross design group, incorporated
5510 Harvest Hill Road, Suite 160, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L1.00

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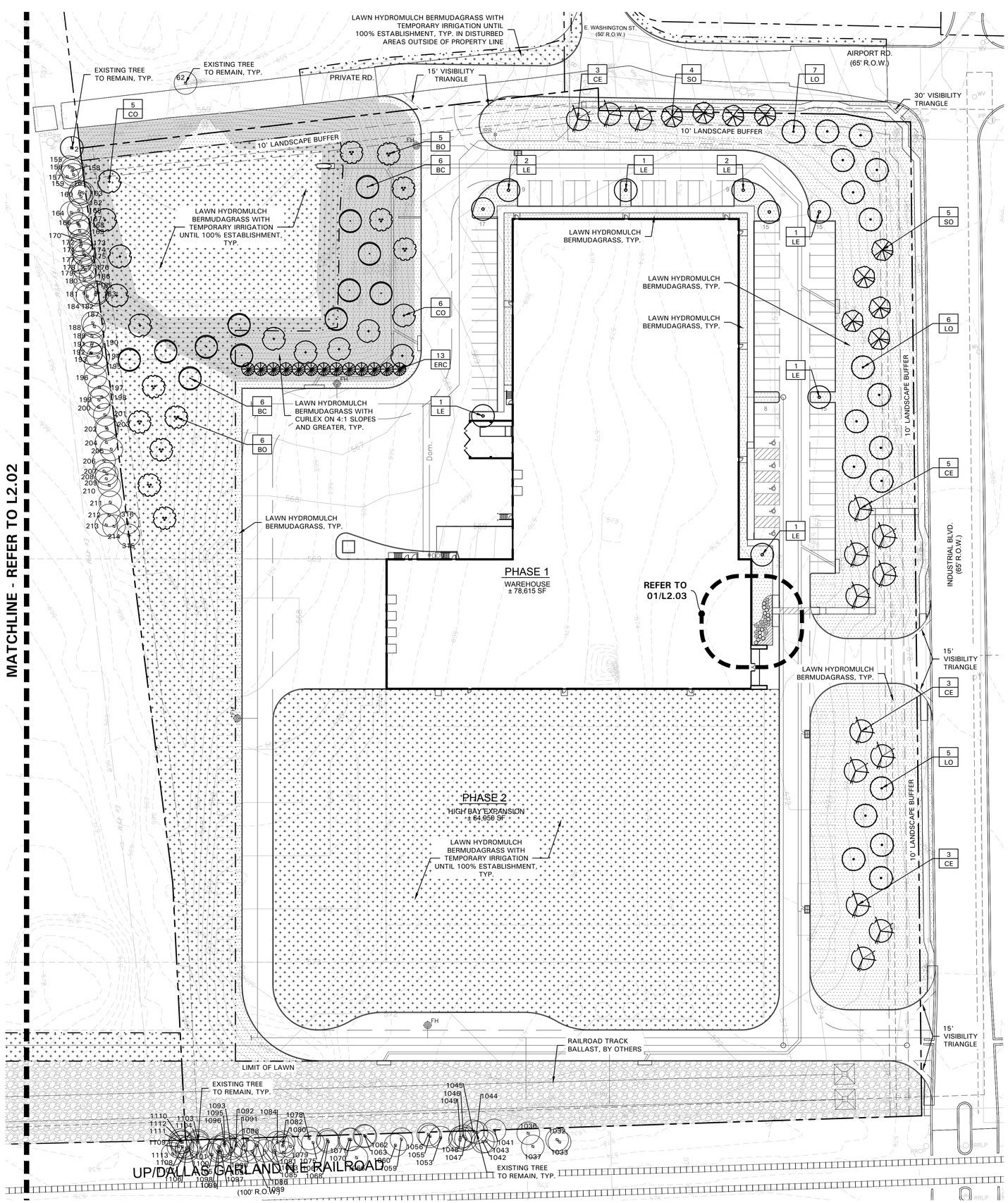

LANDSCAPE NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED SITE ELEMENTS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.
2. CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND UTILITIES.
3. CONTRACTOR SHALL PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
4. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL 3" BELOW FINAL FINISHED GRADE IN PLANTING AREAS AND 1" BELOW FINAL FINISHED GRADE IN LAWN AREAS.
5. ALL PLANTING BEDS AND LAWN AREAS SHALL BE SEPARATED BY STEEL EDGING. NO STEEL EDGING SHALL BE INSTALLED ADJACENT TO BUILDINGS, WALKS, OR CURBS. CUT STEEL EDGING AT 45 DEGREE ANGLE WHERE IT INTERSECTS WALKS AND CURBS.
6. TOP OF MULCH SHALL BE 1/2" MINIMUM BELOW THE TOP OF WALKS AND CURBS.
7. ALL LAWN AREAS SHALL BE HYDROMULCH BERMUDAGRASS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
8. ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS AND EVAPOTRANSPIRATION (ET) WEATHER-BASED CONTROLLERS AND SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALLED BY A LICENSED IRRIGATOR.
9. CONTRACTOR SHALL PROVIDE BID PROPOSAL LISTING UNIT PRICES FOR ALL MATERIAL PROVIDED.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.

MAINTENANCE NOTES

1. THE OWNER, TENANT AND THEIR AGENT, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE.
2. ALL LANDSCAPE SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS SHALL INCLUDE MOWING, EDGING, PRUNING, FERTILIZING, WATERING, WEEDING AND OTHER SUCH ACTIVITIES COMMON TO LANDSCAPE MAINTENANCE.
3. ALL LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS AND OTHER SUCH MATERIAL OR PLANTS NOT PART OF THIS PLAN.
4. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR.
5. ALL PLANT MATERIAL WHICH DIES SHALL BE REPLACED WITH PLANT MATERIAL OF EQUAL OR BETTER VALUE.
6. CONTRACTOR SHALL PROVIDE SEPARATE BID PROPOSAL FOR ONE YEAR'S MAINTENANCE TO BEGIN AFTER FINAL ACCEPTANCE.

LANDSCAPE TABULATIONS

THE CITY OF ROCKWALL, TEXAS

STREET LANDSCAPING

1. 10' wide landscape buffer with one tree per 50 l.f.

INDUSTRIAL BLVD.: 789 l.f.

Required	Provided
(16) trees, 3" cal.	(16) trees, 4" cal.

AIRPORT RD.: 248 l.f.

Required	Provided
(5) trees, 3" cal.	(5) trees, 4" cal.

PARKING LOT LANDSCAPING

1. 5% of the interior parking lot shall be landscape.
2. One (1) tree for every ten (10) parking spaces.
3. All parking spaces shall be a minimum eighty (80) feet from a tree.

Total interior parking lot area: 38,589 s.f.
Total parking spaces: 88 spaces

Required	Provided
1,930 s.f. (5%)	3,164 s.f. (8%)
(9) trees	(9) trees

SITE LANDSCAPING

1. 10% of the total site shall be landscaped for LIGHT INDUSTRIAL.
2. 100% of the total requirements shall be located in the front of and along side buildings for LIGHT INDUSTRIAL.

Total site: 11.37 AC; 495,440 s.f.

Required	Provided
49,544 s.f. (10%)	263,091 s.f. (53%)
49,544 s.f. (100%)	168,824 s.f.

DETENTION BASIN REQUIREMENTS

1. A minimum of one (1) tree for every 750 s.f. of dry land area.

Dry Land Area: 11,107 s.f.

Required	Provided
(15) trees	(15) trees

GENERAL LAWN NOTES

1. CONTRACTOR SHALL COORDINATE OPERATIONS AND AVAILABILITY OF EXISTING TOPSOIL WITH ON-SITE CONSTRUCTION MANAGER.
2. CONTRACTOR SHALL LEAVE LAWN AREAS 1" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
3. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
4. ALL LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER OR LANDSCAPE ARCHITECT PRIOR TO LAWN INSTALLATION.
5. CONTRACTOR SHALL REMOVE ALL ROCKS 3/4" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
6. CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION.
7. CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.

SOLID SOD NOTES

1. PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY. ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
2. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
3. WATER SOD THOROUGHLY AS SOD OPERATION PROGRESSES.
4. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVER-SEED BERMUDAGRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

HYDROMULCH NOTES

1. CONTRACTOR SHALL SCARIFY, RIP AND LOOSEN ALL AREAS TO BE HYDROMULCHED TO A MINIMUM DEPTH OF 4" PRIOR TO TOPSOIL AND HYDROMULCH INSTALLATION.
2. BERMUDAGRASS SEED SHALL BE EXTRA HULLED AND TREATED LAWN TYPE, SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL MEET STATE LAW REQUIREMENTS.
3. FIBER SHALL BE ONE HUNDRED PERCENT (100%) WOOD CELLULOSE FIBER, DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AS MANUFACTURED BY 'CONWEB' OR EQUAL.
4. FIBER TACK SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL BE 'TERRO-TACK ONE', AS MANUFACTURED BY GROWERS, INC. OR EQUAL.
5. HYDROMULCH WITH BERMUDAGRASS SEED AT A RATE OF TWO (2) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.
6. USE A 4'X8' BATTER BOARD AGAINST ALL BED AREAS.
7. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MAY 1, ALL HYDROMULCH AREAS TO BE WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. CONTRACTOR SHALL BE REQUIRED TO RE-HYDROMULCH WITH BERMUDAGRASS THE FOLLOWING GROWING SEASON AS PART OF THIS CONTRACT.
8. ALL LAWN AREAS TO BE HYDROMULCHED SHALL HAVE ONE HUNDRED PERCENT (100%) COVERAGE PRIOR TO FINAL ACCEPTANCE.

CITY OF ROCKWALL NOTES

1. **NO TREES WITHIN 5'-0" OF ANY UTILITIES**
2. **IRRIGATION SYSTEM WILL MEET REQUIREMENTS IN THE UDC**

PLANT LEGEND

SYMBOL	COMMON NAME
AB	Dwarf Abelia 'Edward Goucher'
AN	Andorra Juniper
BC	Bald Cypress
BO	Bur Oak
CE	Cedar Elm
CO	Chinkapin Oak
ERC	Eastern Redcedar
IH	Indian Hawthorne 'Clara'
LE	Lacebark Elm
LO	Live Oak
MFG	Mexican Feathergrass
SO	Shumard Red Oak

REFER TO L2.03 FOR PLANT LIST

SCALE: 1" = 40'-0"
0 20 40 80

LANDSCAPE PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DESCRIPTION	DATE
	CITY COMMENTS	02/14/19

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT KAREN HUDDLESTON 2246 STATE OF TEXAS
02/14/19

pross design group, incorporated
5510 Harwood Hill Road, Suite 160, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no
sheet
L2.01

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ERC	Eastern Redcedar
IH	Indian Hawthorne 'Clara'
LE	Lacebark Elm
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MFG	Mexican Feathergrass
SO	Shumard Red Oak

REFER TO L2.03 FOR PLANT LIST

LANDSCAPE PLAN

BELLE FIRMA
4245 North Central Expy
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Dallas, Texas 75205
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	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

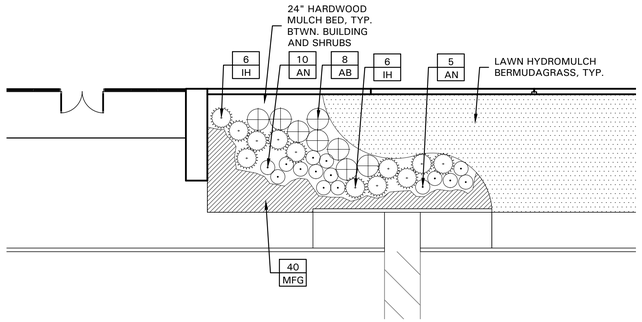
REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5510 Harvest Hill Road, Suite 160, Dallas, Texas 75230. 972/239-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L2.02



01 SOUTHEAST ENTRANCE
SCALE: 1" = 10'-0"

PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
	TREES				
BC	*Taxodium distichum*	Bald Cypress	12	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
BO	*Quercus macrocarpa*	Bur Oak	11	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
CE	*Ulmus crassifolia*	Cedar Elm	14	4" cal.	B&B, 15' ht., 5' spread, 5' branching ht., matching
CO	*Quercus muehlenbergii*	Chinkapin Oak	11	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
ERC	*Juniperus virginiana*	Eastern Redcedar	13	6' ht.	B&B or container grown, full to base, 3' spread
LE	*Ulmus parvifolia 'Sempervirens'*	Lacebark Elm	9	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
LO	*Quercus virginiana*	Live Oak	112	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
SO	*Quercus shumardii*	Shumard Red Oak	9	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
	SHRUBS/GROUNDCOVER				
AB	*Abelia grandiflora 'Edvard Goucher'*	Dwarf Abelia 'Edvard Goucher'	8	5 gal.	container full, 24" spread, 36" o.c.
AN	*Juniperus tobira 'Andorra'*	Andorra Juniper	15	5 gal.	container full, 20" spread, 24" o.c.
IH	*Raphiolepsis indica 'Clara'*	Indian Hawthorne 'Clara'	12	5 gal.	container full, 20" spread, 36" o.c.
MFG	*Nassella tenuissima*	Mexican Feathergrass	40	1 gal.	container full, 24" o.c.
	Cynodon dactylon	Common Bermudagrass			refer to notes

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.
PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.
ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

PLANT LIST BY OTHERS

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
	TREES				
ERC	*Juniperus virginiana*	Eastern Redcedar	105	3" cal.	B&B or container grown, full to base, 3' spread, 7' ht. min.

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.
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ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

SITE DATA:

CURRENT ZONING:	(LI) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	68,465	SF
FUTURE WAREHOUSE:	74,750	SF
TOTAL:	143,215	SF
PARKING:		
REQUIRED:		
WAREHOUSE (1 SPACE/1000 SF):	68	SPACES
FUTURE WAREHOUSE (1 SPACE/100SF):	75	SPACES
TOTAL REQUIRED:	143	SPACES
PROVIDED:	86	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	165	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

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LANDSCAPE ENLARGEMENT PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

REGISTERED LANDSCAPE ARCHITECT
BRIAN HAMM
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L2.03

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SECTION 32 9300 - LANDSCAPE

PART 1 - GENERAL

1.1 REFERENCED DOCUMENTS

A. Refer to Landscape Plans, notes, details, bidding requirements, special provisions, and schedules for additional requirements.

1.2 DESCRIPTION OF WORK

A. Work included: Furnish all supervision, labor, materials, services, equipment and appliances required to complete the work covered in conjunction with the landscaping covered in these specifications and landscaping plans, including:

1. Planting (trees, shrubs and grasses)
2. Bed preparation and fertilization
3. Notification of sources
4. Water and maintenance until final acceptance
5. Guarantee

1.3 REFERENCE STANDARDS

A. American Standard for Nursery Stock published by American Association of Nurserymen: 27 October 1980, Edition; by American National Standards Institute, Inc. (Z60.1) – plant material

B. American Joint Committee on Horticultural Nomenclature: 1942 Edition of Standardized Plant Names.

C. Texas Association of Nurserymen, Grades and Standards

D. Hortis Third, 1976 - Cornell University

1.4 NOTIFICATION OF SOURCES AND SUBMITTALS

A. Samples: Provide representative quantities of sandy loam soil, mulch, bed mix material, gravel, crushed stone, steel edging and tree stakes. Samples shall be approved by Owner's Authorized Representative before use on the project.

1.5 JOB CONDITIONS

A. General Contractor to complete the following punch list: Prior to Landscape Contractor initiating any portion of landscape installation, General Contractor shall leave planting bed areas three (3") inches below final finish grade of sidewalks, drives and curbs as shown on the drawings. All lawn areas to receive solid sod shall be left one (1") inch below the final finish grade of sidewalks, drives and curbs. All construction debris shall be removed prior to Landscape Contractor beginning any work.

B. Storage of materials and equipment at the job site will be at the risk of the Landscape Contractor. The Owner cannot be held responsible for theft or damage.

1.6 MAINTENANCE AND GUARANTEE

A. Maintenance:

1. The Landscape Contractor shall be held responsible for the maintenance of all work from the time of planting until final acceptance by the Owner. No trees, shrubs, groundcover or grass will be accepted unless they show healthy growth and satisfactory foliage conditions.
2. Maintenance shall include watering of trees and plants, cultivation, weeding spraying, edging, pruning of trees, mowing of grass, cleaning up and all other work necessary of maintenance.
3. A written notice requesting final inspection and acceptance should be submitted to the Owner at least seven (7) days prior to completion. An on-site inspection by the Owner's Authorized Representative will be completed prior to written acceptance.

B. Guarantee:

1. Trees, shrubs and groundcover shall be guaranteed for a twelve (12) month period after final acceptance. The Contractor shall replace all dead materials as soon as weather permits and upon notification of the Owner. Plants, including trees, which have partially died so that shape, size, or symmetry have been damaged, shall be considered subject to replacement. In such cases, the opinion of the Owner shall be final.

   a. Plants used for replacement shall be of the same size and kind as those originally planted and shall be planted as originally specified. All work, including materials, labor and equipment used in replacements, shall carry a twelve (12) month guarantee. Any damage, including ruts in lawn or bed areas, incurred as a result of making replacements shall be immediately repaired.

   b. At the direction of the Owner, plants may be replaced at the start of the next year's planting season. In such cases, dead plants shall be removed from the premises immediately.

   c. When plant replacements are made, plants, soil mix, fertilizer and mulch are to be utilized as originally specified and re-inspected for full compliance with the contract requirements. All replacements are to be included under "Work" of this section.

2. The Owner agrees that for the guarantee to be effective, he will water plants at least twice a week during dry periods and cultivate beds once a month after final acceptance.

3. The above guarantee shall not apply where plants die after acceptance because of injury from storms, hail, freeze, insects, diseases, injury by humans, machines or theft.

4. Acceptance for all landscape work shall be given after final inspection by the Owner provided the job is in a complete, undamaged condition and there is a stand of grass in all lawn areas. At that time, the Owner will assume maintenance on the accepted work.

C. Repairs: Any necessary repairs under the Guarantee must be made within ten (10) days after receiving notice, weather permitting. In the event the Landscape Contractor does not make repairs accordingly, the Owner, without further notice to Contractor, may provide materials and men to make such repairs at the expense to the Landscape Contractor.

1.7 QUALITY ASSURANCE

A. General: Comply with applicable federal, state, county and local regulations governing landscape materials and work.

B. Personnel: Employ only experienced personnel who are familiar with the required work. Provide full time supervision by a qualified foreman acceptable to Landscape Architect.

C. Selection of Plant Material:

1. Make contact with suppliers immediately upon obtaining notice of contract acceptance to select and book materials. Develop a program of maintenance (pruning and fertilization) which will ensure the purchased materials will meet and / or exceed project specifications.
2. Substitutions: Do not make plant material substitutions. If the specified landscape material is not obtainable, submit proof of non-availability to Landscape Architect, together with proposal for use of equivalent material. At the time bids are submitted, the Contractor is assumed to have located the materials necessary to complete the job as specified.
3. Landscape Architect will provide a key identifying each tree location on site. Written verification will be required to document material selection, source and delivery schedules to site.
4. Measurements: Measure trees with branches and trunks or canes in their normal position. Do not prune to obtain required sizes. Take caliper measurements six inches above ground for trees up to and including 4" caliper size, and twelve inches above ground for larger sizes. Measure main body of all plant material of height and spread dimensions, do not measure from branch or root tip-to-tip.
5. Owner's Authorized Representative shall inspect all plant material with requirements for genus, species, cultivar / variety size and quality.
6. Owner's Authorized Representative retains the right to further inspect all plant material upon arrival to the site and during installation for size and condition of root balls and root systems, limbs, branching habit, insects, injuries and latent defects.
7. Owner's Authorized Representative may reject unsatisfactory or defective material at any time during the process work. Remove rejected materials immediately from the site and replace with acceptable material at no additional cost to the Owner. Plants damaged in transit or at job site shall be rejected.

1.8 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Preparation:

1. Balled and Burlapped (B&B) Plants: Dig and prepare shipment in a manner that will not damage roots, branches, shape and future development.
2. Container Grown Plants: Deliver plants in rigid container to hold ball shape and protect root mass.

B. Delivery:

1. Deliver packaged materials in sealed containers showing weight, analysis and name of manufacturer. Protect materials from deterioration during delivery and while stored on site.
2. Deliver only plant materials that can be planted in one day unless adequate storage and watering facilities are available on job site.
3. Protect root balls by heeling in with sawdust or other approved moisture retaining material if not planted within 24 hours of delivery.
4. Protect plants during delivery to prevent damage to root balls or desiccation of leaves. Keep plants moist at all times. Cover all materials during transport.
5. Notify Owner's Authorized Representative of delivery schedule 72 hours in advance job site.
6. Remove rejected plant material immediately from job site.
7. To avoid damage or stress, do not lift, move, adjust to plumb, or otherwise manipulate plants by trunk or stems.

PART 2 - PRODUCTS

2.1 PLANTS

A. General: Well-formed No. 1 grade or better nursery grown stock. Listed plant heights are from tops of root balls to nominal tops of plants. Plant spread refers to nominal outer width of the plant, not to the outer leaf tips. Plants will be individually approved by the Owner's Authorized Representative and his decision as to their acceptability shall be final.

B. Quantities: The drawings and specifications are complimentary. Anything called for on one and not the other is as binding as if shown and called for on both. The plant schedule is an aid to bidders only. Confirm all quantities on plan.

C. Quality and size: Plant materials shall conform to the size given on the plan, and shall be healthy, symmetrical, well-shaped, full branched and well rooted. The plants shall be free from injurious insects, diseases, injuries to the bark or roots, broken branches, objectionable disfigurements, insect eggs and larvae, and are to be of specimen quality.

D. Approval: All plants which are found unsuitable in growth, or are in any unhealthy, badly shaped or undersized condition will be rejected by the Owner's Authorized Representative either before or after planting and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plant as specified at no additional cost to the Owner.

E. Trees shall be healthy, full-branched, well-shaped, and shall meet the minimum trunk and diameter requirements of the plant schedule. Balls shall be firm, neat, slightly tapered and well wrapped in burlap. Any tree loose in the ball or with a broken root ball at time of planting will be rejected. Balls shall be ten (10") inches in diameter for each one (1") inch of trunk diameter, measured six (6") inches above ball. (Nomenclature confirms to the customary nursery usage. For clarification, the term "multi-trunk" defines a plant having three (3) or more trunks of nearly equal diameter.)

F. Pruning: All pruning of trees and shrubs, as directed by the Landscape Architect prior to final acceptance, shall be executed by the Landscape Contractor at no additional cost to the Owner.

2.2 SOIL PREPARATION MATERIALS

A. Sandy Loam:

1. Friable, fertile, dark, loamy soil, free of clay lumps, subsoil, stones and other extraneous material and reasonably free of weeds and foreign grasses. Loam containing Dallasgrass or Nutgrass shall be rejected.
2. Physical properties as follows:
   a. Clay – between 7-27 percent
   b. Silt – between 15-25 percent
   c. Sand – less than 52 percent
3. Organic matter shall be 3%-10% of total dry weight.
4. If requested, Landscape Contractor shall provide a certified soil analysis conducted by an approved soil testing laboratory verifying that sandy loam meets the above requirements.

B. Organic Material: Compost with a mixture of 80% vegetative matter and 20% animal waste. Ingredients should be a mix of course and fine textured material.

C. Premixed Bedding Soil as supplied by Vital Earth Resources, Gladewater, Texas; Professional Bedding Soil as supplied by Living Earth Technology, Dallas, Texas or Acid Gro Municipal Mix as supplied by Soil Building Systems, Dallas, Texas or approved equal.

D. Sharp Sand: Sharp sand must be free of seeds, soil particles and weeds.

E. Mulch: Double Shredded Hardwood Mulch, partially decomposed, dark brown. Living Earth Technologies or approved equal.

F. Organic Fertilizer: Fertilaid, Sustane, or Green Sense or equal as recommended for required applications. Fertilizer shall be delivered to the site in original unopened containers, each bearing the manufacturer's guaranteed statement of analysis.

G. Commercial Fertilizer: 10-20-10 or similar analysis. Nitrogen source to be a minimum 50% slow release organic Nitrogen (SCU or UF) with a minimum 8% sulfur and 4% iron, plus micronutrients.

H. Peat: Commercial sphagnum peat moss or partially decomposed shredded pine bark or other approved organic material.

2.3 MISCELLANEOUS MATERIALS

A. Steel Edging: All steel edging shall be 3/16" thick x 4" deep x 16' long with 6 stakes per section, painted black at the factory as manufactured by The J.D. Russell Company and under its trade name DURAEDGE Heavy Duty Steel.

B. Staking Material for Shade Trees: refer to details.

C. Gravel: Washed native pea gravel, graded 1 inch to 1-1/2 inch.

D. Filter Fabric: 'Mirafi Mirascape' by Mirafi Construction Products available at Lone Star Products, Inc., (469) 523-0444 or approved equal.

E. River Rock: 'Colorado' or native river rock, 2" - 4" dia.

F. Decomposed Granite: Base material shall consist of a natural material mix of granite aggregate not to exceed 1/8" diameter in size and shall be composed of various stages of decomposed earth base.

PART 3 - EXECUTION

3.1 BED PREPARATION & FERTILIZATION

A. Landscape Contractor to inspect all existing conditions and report any deficiencies to the Owner.

B. All planting areas shall be conditioned as follows:

1. Prepare new planting beds by scraping away existing grass and weeds as necessary. Till existing soil to a depth of six (6") inches prior to placing compost and fertilizer. Apply fertilizer as per Manufacturer's recommendations. Add six (6") inches of compost and till into a depth of six (6") inches of the topsoil. Apply organic fertilizer such as Sustane or Green Sense at the rate of twenty (20) pounds per one thousand (1,000) square feet.
2. All planting areas shall receive a two (2") inch layer of specified mulch.
3. Backfill for tree pits shall be as follows: Use existing top soil on site (use imported topsoil as needed) free from large clumps, rocks, debris, caliche, subsoils, etc., placed in nine (9") inch layers and watered in thoroughly.

C. Grass Areas:

1. Blocks of sod should be laid joint to joint (staggered joints) after fertilizing the ground first. Roll grass areas to achieve a smooth, even surface. The joints between the blocks of sod should be filled with topsoil where they are evidently gaped open, then watered thoroughly.

3.2 INSTALLATION

A. Maintenance of plant materials shall begin immediately after each plant is delivered to the site and shall continue until all construction has been satisfactorily accomplished.

B. Plant materials shall be delivered to the site only after the beds are prepared and areas are ready for planting. All shipments of nursery materials shall be thoroughly protected from the drying winds during transit. All plants which cannot be planted at once, after delivery to the site, shall be well protected against the possibility of drying by wind and Balls of earth of B & B plants shall be kept covered with soil or other acceptable material. All plants remain the property of the Contractor until final acceptance.

C. Position the trees and shrubs in their intended location as per plan.

D. Notify the Owner's Authorized Representative for inspection and approval of all positioning of plant materials.

E. Excavate pits with vertical sides and horizontal bottom. Tree pits shall be large enough to permit handling and planting without injury to balls of earth or roots and shall be of such depth that,when planted and settled, the crown of the plant shall bear the same relationship to the finish grade as it did to soil surface in original place of growth.

F. Shrub and tree pits shall be no less than twenty-four (24") inches wider than the lateral dimension of the earth ball and six (6") inches deeper than it's vertical dimension. Remove and haul from site all rocks and stones over three-quarter (¾") inch in diameter. Plants should be thoroughly moist before removing containers.

G. Dig a wide, rough sided hole exactly the same depth as the height of the ball, especially at the surface of the ground. The sides of the hole should be rough and jagged, never slick or glazed.

H. Percolation Test: Fill the hole with water. If the water level does not percolate within 24 hours, the tree needs to move to another location or have drainage added. Install a PVC stand pipe per tree planting detail as approved by the Landscape Architect if the percolation test fails.

I. Backfill only with 5 parts existing soil or sandy loam and 1 part bed preparation. When the hole is dug in solid rock, topsoil from the same area should not be used. Carefully settle by watering to prevent air pockets. Remove the burlap from the top ⅓ of the ball, as well as all nylon, plastic string and wire. Container trees will usually be root bound, if so follow standard nursery practice of 'root scoring'.

J. Do not wrap trees.

K. Do not over prune.

L. Mulch the top of the ball. Do not plant grass all the way to the trunk of the tree. Leave the area above the top of the ball and mulch with at least two (2") inches of specified mulch.

M. All plant beds and trees to be mulched with a minimum settled thickness of two (2") inches over the entire bed or pit.

N. Obstruction below ground: In the event that rock, or underground construction work or obstructions are encountered in any plant pit excavation work to be done under this section, alternate locations may be selected by the Owner. Where locations cannot be changed, the obstructions shall be removed to a depth of not less than three (3') feet below grade and no less than six (6") inches below the bottom of ball when plant is properly set at the required grade. The work of this section shall include the removal from the site of such rock or underground obstructions encountered at the cost of the Landscape Contractor.

O. Trees and large shrubs shall be staked as site conditions require. Position stakes to secure trees against seasonal prevailing winds.

P. Pruning and Mulching: Pruning shall be directed by the Landscape Architect and shall be pruned in accordance with standard horticultural practice following Fine Pruning, Class I pruning standards provided by the National Arborist Association.

1. Dead wood, suckers, broken and badly bruised branches shall be removed. General tipping of the branches is not permitted. Do not cut terminal branches.
2. Pruning shall be done with clean, sharp tools.
3. Immediately after planting operations are completed, all tree pits shall be covered with a layer of organic material two (2") inches in depth. This limit of the organic material for trees shall be the diameter of the plant pit.

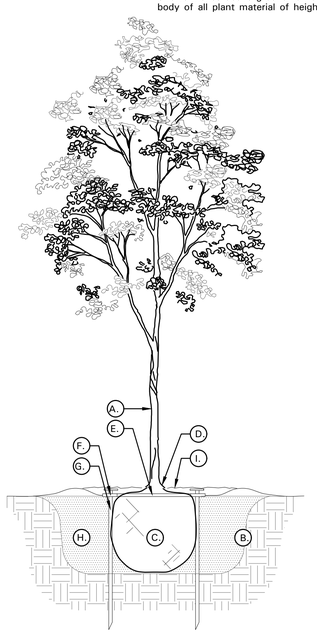
Q. Steel Curbing Installation:

1. Curbing shall be aligned as indicated on plans. Stake out limits of steel curbing and obtain Owners approval prior to installation.
2. All steel curbing shall be free of kinks and abrupt bends.
3. Top of curbing shall be ½" maximum height above final finished grade.
4. Stakes are to be installed on the planting bed side of the curbing, as opposed to the grass side.
5. Do not install steel edging along sidewalks or curbs.
6. Cut steel edging at 45 degree angle where edging meets sidewalks or curbs.

3.3 CLEANUP AND ACCEPTANCE

A. Cleanup: During the work, the premises shall be kept neat and orderly at all times. Storage areas for all materials shall be so organized so that they, too, are neat and orderly. All trash and debris shall be removed from the site as work progresses. Keep paved areas clean by sweeping or hosing them at end of each work day.

END OF SECTION



01 TREE PLANTING DETAIL
NOT TO SCALE

TREE PLANTING DETAIL LEGEND AND NOTES

A. TREE: TREES SHALL CONFORM WITH LATEST AMERICAN STANDARD FOR NURSERY STOCK. www.anla.org

B. TREE PIT: WIDTH TO BE AT LEAST TWO (2) TIMES THE DIAMETER OF THE ROOT BALL CENTER TREE IN HOLE & REST ROOT BALL ON UNDISTURBED NATIVE SOIL.

C. ROOT BALL: REMOVE TOP ⅓ BURLAP AND ANY OTHER FOREIGN OBJECT; CONTAINER GROWN STOCK TO BE INSPECTED FOR GIRDLING ROOTS.

D. ROOT FLARE: ENSURE THAT ROOT FLARE IS EXPOSED, FREE FROM MULCH, AND AT LEAST TWO INCHES ABOVE GRADE. TREES SHALL BE REJECTED WHEN GIRDLING ROOTS ARE PRESENT & ROOT FLARE IS NOT APPARENT.

E. ROOTBALL ANCHOR RING: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. PLACE ROOTBALL ANCHOR RING ON BASE OF ROOTBALL, TRUNK SHOULD BE IN THE CENTER OF THE RING.

F. ROOT ANCHOR BY TREE STAKE SOLUTIONS.

G. NAIL STAKE: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. INSTALL NAIL STAKES WITH HAMMER OR MALLET FIRMLY INTO UNDISTURBED GROUND. DRIVE NAIL STAKES FLUSH WITH "U" BRACKET ADJACENT TO ROOTBALL (DO NOT DISTURB ROOTBALL).

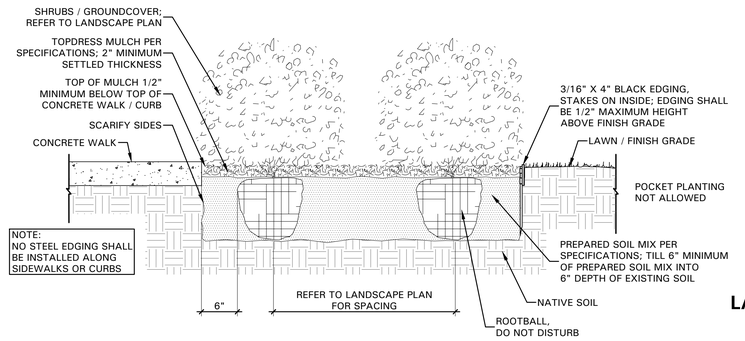
H. BACKFILL: USE EXISTING NATIVE SOIL (no amendments) WATER THOROUGHLY TO ELIMINATE AIR POCKETS.

I. MULCH: DOUBLE SHREDDED HARDWOOD MULCH 2 INCH SETTLED THICKNESS, WITH 2" HT. WATERING RING; ENSURE THAT ROOT FLARE IS EXPOSED. BELOW GROUND STAKE SHOULD NOT BE VISIBLE.

J. TREE STAKES:
TREE STAKE SOLUTIONS 'SAFETY STAKE' BELOW GROUND MODEL AVAILABLE FROM:
Tree Stake Solutions
ATTN: Jeff Tuley
(903) 676-6143
jeff@treestakesolutions.com
www.treestakesolutions.com

OR APPROVED EQUAL. TREES SHALL BE STAKED BELOW GROUND WHERE NECESSARY; ABOVE GROUND STAKING IS EXPRESSLY PROHIBITED.

K. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY OF THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION OF TREE STAKES. CONTRACTOR SHALL ADHERE TO MANUFACTURER'S INSTALLATION GUIDELINES, SPECIFICATIONS, AND OTHER REQUIREMENTS FOR TREE STAKE INSTALLATION.



02 SHRUB / GROUNDCOVER DETAIL
NOT TO SCALE

LANDSCAPE SPECIFICATIONS AND DETAILS

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTIANN HUNT
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5510 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

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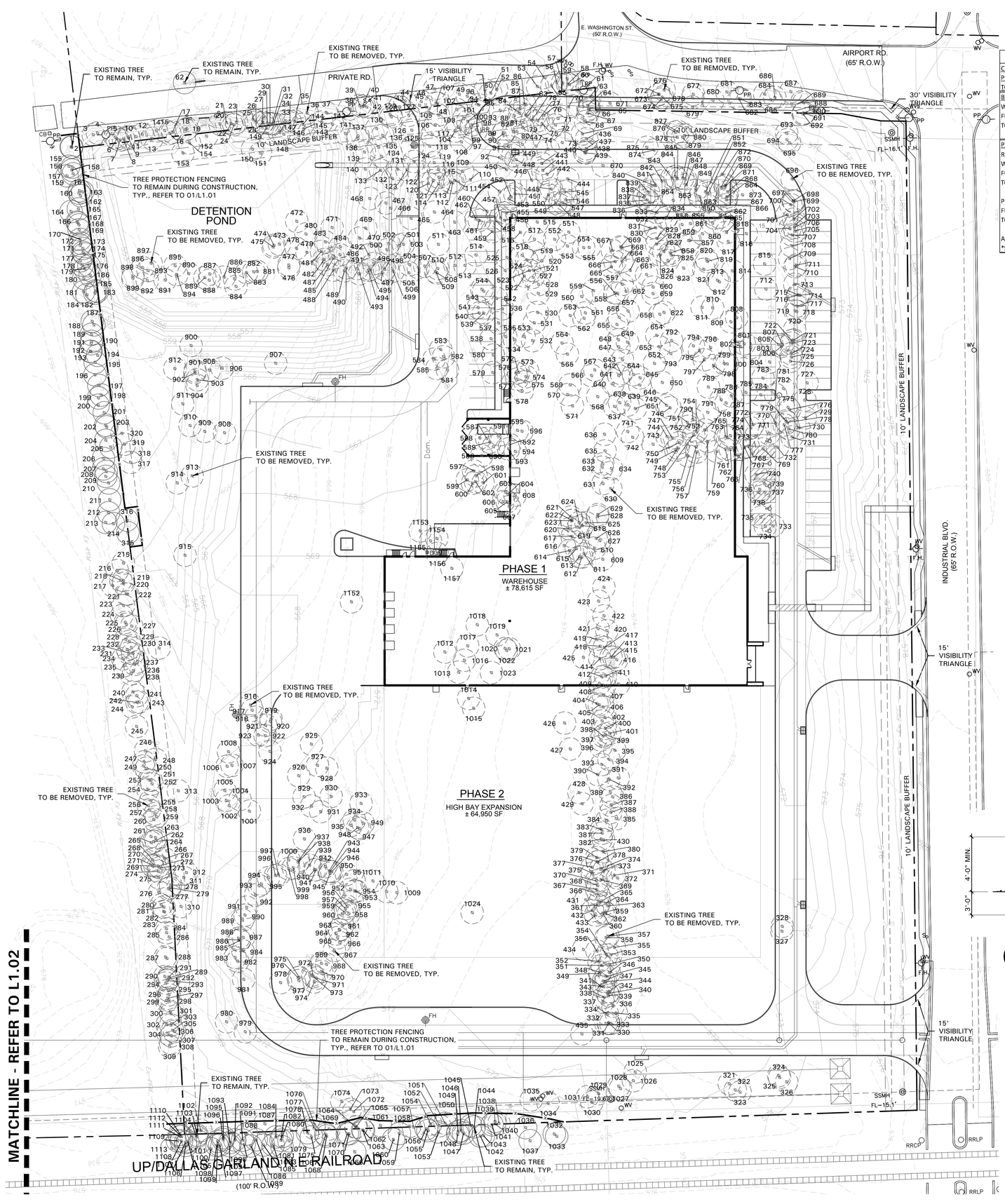


SITE DATA:

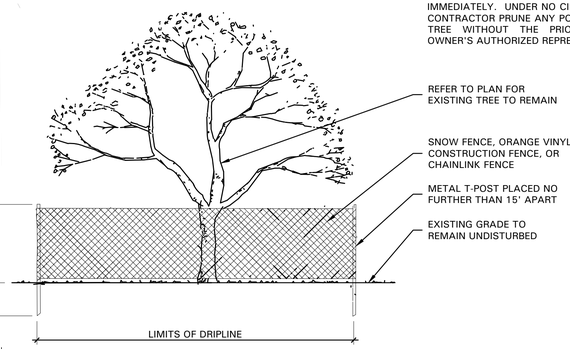
CURRENT ZONING:	(U) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	68,465	SF
FUTURE WAREHOUSE:	74,750	SF
TOTAL:	143,215	SF
PARKING:		
REQUIRED:		
WAREHOUSE (1 SPACE/1000 SF):	68	SPACES
FUTURE WAREHOUSE (1 SPACE/100SF):	75	SPACES
TOTAL REQUIRED:	143	SPACES
PROVIDED:	86	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	165	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

EXISTING TREE LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L1.01

TREE PRESERVATION NOTES

1. EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION FROM TREE STRUCTURE DAMAGE AND COMPACTION OF SOIL UNDER AND AROUND DRIP LINE (CANOPY) OF TREE.
2. IF ANY ROOT STRUCTURE IS DAMAGED DURING ADJACENT EXCAVATION / CONSTRUCTION, NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. IT IS RECOMMENDED THAT A LICENSED ARBORIST BE SECURED FOR THE TREATMENT OF ANY POSSIBLE TREE WOUNDS.
3. NO DISTURBANCE OF THE SOIL GREATER THAN 4" SHALL BE LOCATED CLOSER TO THE TREE TRUNK THAN 1/2 THE DISTANCE OF THE DRIP LINE TO THE TREE TRUNK. A MINIMUM OF 75% OF THE DRIP LINE AND ROOT ZONE SHALL BE PRESERVED AT NATURAL GRADE.
4. ANY FINE GRADING DONE WITHIN THE CRITICAL ROOT ZONES OF THE PROTECTED TREES MUST BE DONE WITH LIGHT MACHINERY SUCH AS A BOBCAT OR LIGHT TRACTOR. NO EARTH MOVING EQUIPMENT WITH TRACKS IS ALLOWED WITHIN THE CRITICAL ROOT ZONE OF THE TREES.
5. NO MATERIALS INTENDED FOR USE IN CONSTRUCTION OR WASTE MATERIALS ACCUMULATED DUE TO EXCAVATION OR DEMOLITION SHALL BE PLACED WITHIN THE LIMITS OF THE DRIP LINE OF ANY TREE.
6. NO EQUIPMENT MAY BE CLEANED OR TOXIC SOLUTIONS, OR OTHER LIQUID CHEMICALS, SHALL BE DEPOSITED WITHIN THE LIMITS OF THE DRIP LINE OF A TREE, INCLUDING BUT NOT LIMITED TO: PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR, PRIMERS, ETC.
7. NO SIGNS, WIRES OR OTHER ATTACHMENTS, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
8. NO VEHICULAR / CONSTRUCTION EQUIPMENT TRAFFIC OR PARKING IS ALLOWED WITHIN THE LIMITS OF THE DRIP LINE OF TREES.
9. BORING OF UTILITIES MAY BE PERMITTED UNDER PROTECTED TREES IN CERTAIN CIRCUMSTANCES. THE MINIMUM LENGTH OF THE BORE SHALL BE THE WIDTH OF THE TREE'S CANOPY AND SHALL BE A MINIMUM DEPTH OF FORTY-EIGHT (48") INCHES.
10. IRRIGATION TRENCHING WHICH MUST BE DONE WITHIN THE CRITICAL ROOT ZONE OF A TREE SHALL BE DUG BY HAND AND ENTER THE AREA IN A RADIAL MANNER.
11. ALL TREES TO BE REMOVED FROM THE SITE SHALL BE FLAGGED BY THE CONTRACTOR WITH BRIGHT RED VINYL TAPE (3" WIDTH) WRAPPED AROUND THE MAIN TRUNK AT A HEIGHT OF FOUR (4') FEET ABOVE GRADE. FLAGGING SHALL BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO ANY TREE REMOVAL. CONTRACTOR SHALL CONTACT OWNER'S AUTHORIZED REPRESENTATIVE WITH 72 HOURS NOTICE TO SCHEDULE ON-SITE MEETING.
12. ALL TREES TO REMAIN, AS NOTED ON DRAWINGS, SHALL HAVE PROTECTIVE FENCING LOCATED AT THE TREE'S DRIP LINE. THE PROTECTIVE FENCING MAY BE COMPRISED OF SNOW FENCING, ORANGE VINYL CONSTRUCTION FENCING, CHAIN LINK FENCE OR OTHER SIMILAR FENCING WITH A FOUR (4') FOOT APPROXIMATE HEIGHT. THE PROTECTIVE FENCING SHALL BE LOCATED AS INDICATED ON THE TREE PROTECTION DETAIL.
13. WHEN A LOW HANGING LIMB IS BROKEN DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR PRUNE ANY PORTION OF THE DAMAGED TREE WITHOUT THE PRIOR APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE.



01 TREE PROTECTIVE FENCING
NOT TO SCALE

SCALE: 1" = 40'-0"
0 20 40 80

TREE PRESERVATION PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
02/14/19

pdg
pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

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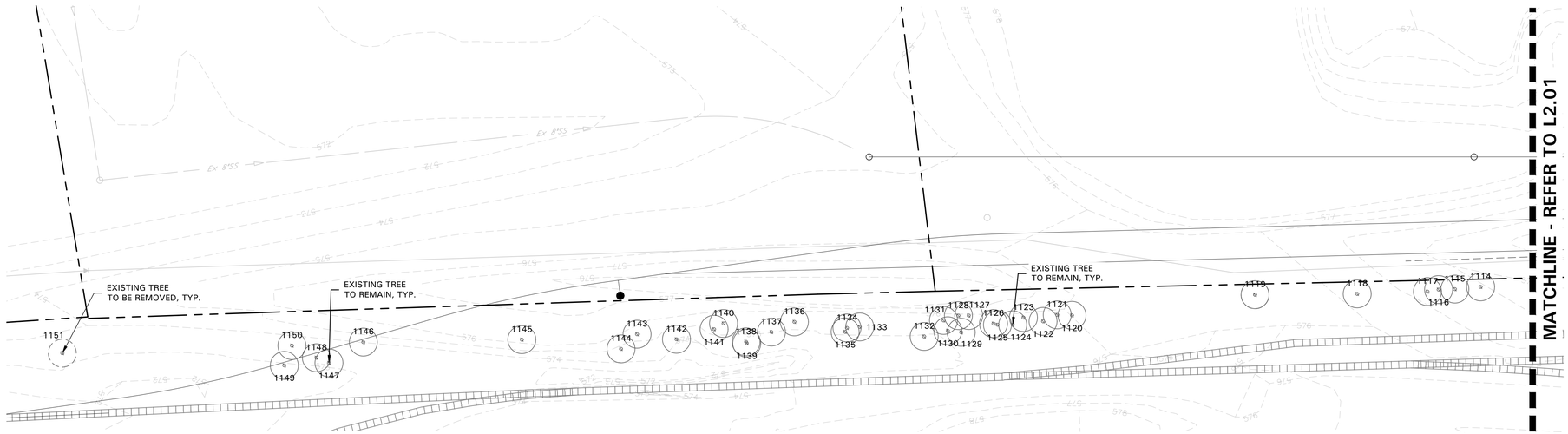

EXISTING TREE LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L1.01

TREE PRESERVATION PLAN

N

SCALE: 1" = 40'-0"

0 20 40 80

BELLE FIRMA

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTOPHER ANN HUMPHREY
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230, 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L1.02

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
2	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
3	5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
4	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
5	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
6	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
7	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
8	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
9	6.5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
10	4	HERCULES CLUB	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
11	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
12	14	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	7
13	5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
14	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
15	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
16	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
17	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
18	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
19	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
20	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
21	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
22	8.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
23	14.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	7.25
24	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
25	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
26	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
27	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
28	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
29	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
30	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
31	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
32	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
33	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
34	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
35	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
36	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
37	8.5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
38	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
39	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
40	13	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	6.5
41	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
42	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
43	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
44	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
45	5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
46	10	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
47	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
48	19	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	9.5
49	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
50	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
51	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
52	8.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
53	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
54	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
55	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
56	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
57	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
58	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
59	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
60	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
61	5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
62	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
63	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
64	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
65	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
66	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
67	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
68	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
69	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
70	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
71	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
72	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
73	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
74	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
75	9	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
76	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
77	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
78	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
79	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
80	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
81	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
82	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
83	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
84	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
85	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
86	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
87	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
88	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
89	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
90	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
91	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
92	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
93	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
94	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
95	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
96	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
97	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
98	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
99	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
100	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
101	6.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
102	10.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
103	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
104	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
105	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
106	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
107	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
108	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
109	18.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.25
110	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
111	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
112	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
113	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
114	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
115	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
116	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
117	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
118	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
119	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
120	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
121	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
122	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
123	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
124	6.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
125	12	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
126	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
127	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
128	5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
129	4.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
130	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
131	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
132	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
133	4	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
134	5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
135	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
136	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
137	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
138	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
139	13.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
140	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
141	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
142	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
143	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
144	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
145	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
146	12.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
147	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
148	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
149	4.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
150	10	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
151	5.5	BRADFORD PEAR	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
152	45.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
153	10	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
154	4.5	AMERICAN ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
155	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
156	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
157	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
158	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
159	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
160	12	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
161	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
162	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
163	8.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
164	12	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
165	8	BOIS D'ARC	TO REMAIN	POOR	OFFSITE	NON-PROTECTED	
166	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
167	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
168	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
169	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
170	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
171	14	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
172	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
173	5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
174	12	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
175	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
176	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
177	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
178	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
179	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
180	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
181	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
182	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
183	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
184	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
185	13.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
186	10	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
187	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
188	17.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
189	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
190	9.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
191	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
192	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
193	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
194	5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
195	9	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
196	9.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
197	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
198	14	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
199	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
200	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
201	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
202	12.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
203	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
204	13	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
205	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
206	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
207	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
208	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
209	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
210	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
211	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
212	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
213	11.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
214	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
215	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
216	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
217	10.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
218	11	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
219	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
220	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
221	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
222	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
223	23	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
224	10	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
225	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
226	5.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
227	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
228	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
229	14.5	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
230	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
231	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
232	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
233	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
234	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
235	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
236	7	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
237	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
238	14	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
239	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
240	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
241	25	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
242	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
243	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
244	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
245	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
246	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
247	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
248	16	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
249	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
250	16	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
251	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
252	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
253	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
254	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
255	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
256	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
257	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
258	6	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
259	11	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.5
260	7.5	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
261	7	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
262	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
263	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
264	15.5	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
265	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
266	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
267	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
268	4.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
269	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
270	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
271	13	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	6.5
272	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
273	8	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
274	11.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.75
275	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
276	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
277	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
278	4.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
279	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
280	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
281	11	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.5
282	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
283	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
284	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
285	11	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.5
286	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
287	8	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
288	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
289	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
290	4.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
291	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
292	10	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
293	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
294	7.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
295	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
296	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
297	9.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
298	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
299	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
300	10	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
301	9.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
302	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
303	4	HACKBERRY	TO BE REMOVED

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
379	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
380	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
381	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
382	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
383	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
384	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
385	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
386	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
387	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
388	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
389	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
390	16.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.25
391	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
392	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
393	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
394	33	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	66
395	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
396	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
397	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
398	19.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.75
399	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
400	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
401	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
402	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
403	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
404	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
405	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
406	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
407	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
408	22	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11
409	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
410	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
411	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
412	23	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11.5
413	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
414	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
415	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
416	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
417	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
418	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
419	27	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	54
420	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
421	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
422	20	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10
423	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
424	30	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	60
425	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
426	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
427	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
428	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
429	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
430	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
431	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
432	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
433	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
434	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
435	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
436	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
437	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
438	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
439	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
440	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
441	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
442	14.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
443	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
444	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
445	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
446	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
447	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
448	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
449	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
450	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
451	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
452	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
453	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
454	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
455	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
456	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
457	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
458	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
459	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
460	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
461	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
462	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
463	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
464	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
465	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
466	11	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
467	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
468	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
469	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
470	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
471	9.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
472	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
473	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
474	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
475	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
476	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
477	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
478	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
479	10	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
480	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
481	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
482	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
483	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
484	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
485	13	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
486	8.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
487	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
488	13.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.75
489	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
490	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
491	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
492	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
493	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
494	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
495	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
496	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
497	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
498	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
499	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
500	8	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
501	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
502	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
503	10	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
504	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
505	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
506	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
507	14.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
508	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
509	17	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.5
510	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
511	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
512	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
513	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
514	16	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
515	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
516	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
517	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
518	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
519	17.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.75
520	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
521	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
522	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
523	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
524	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
525	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
526	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
527	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
528	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
529	19	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.5
530	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
531	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
532	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
533	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
534	34	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	68
535	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
536	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
537	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
538	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
539	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
540	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
541	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
542	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
543	23	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
544	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
545	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
546	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
547	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
548	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
549	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
550	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
551	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
552	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
553	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
554	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
555	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
556	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
557	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
558	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
559	5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
560	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
561	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
562	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
563	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
564	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
565	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
566	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
567	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
568	31.5	BOIS D'ARC	TO BE REMOVED	POOR		NON-PROTECTED	
569	4	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
570	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
571	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
572	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
573	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
574	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
575	19	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.5
576	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
577	21	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.5
578	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
579	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
580	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
581	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
582	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
583	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
584	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
585	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
586	22	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11
587	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
588	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
589	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
590	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
591	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
592	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
593	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
594	21	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.5
595	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
596	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
597	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
598	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
599	17.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.75
600	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
601	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
602	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
603	20.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.25
604	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
605	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
606	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
607	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
608	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
609	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
610	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
611	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
612	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
613	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
614	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
615	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
616	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
617	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
618	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
619	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
620	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
621	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
622	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
623	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
624	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
625	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
626	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
627	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
628	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
629	25	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	12.5
630	31	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	62

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
631	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
632	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
633	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
634	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
635	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
636	26	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	52
637	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
638	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
639	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
640	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
641	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
642	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
643	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
644	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
645	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
646	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
647	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
648	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
649	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
650	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
651	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
652	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
653	20	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10
654	6	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
655	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
656	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
657	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
658	6	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
659	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
660	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
661	8	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	8
662	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
663	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
664	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
665	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
666	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
667	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
668	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
669	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
670	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
671	38	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
672	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
673	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
674	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
675	12	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	6
676	12	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
677	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
678	20	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	10
679	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
680	23	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
681	6.5	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
682	6	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	6
683	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
684	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
685	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
686	7	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
687	35	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
688	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
689	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
690	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
691	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
692	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
693	9	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
694	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
695	14.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
696	10	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
697	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
698	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECT

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
757	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
758	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
759	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
760	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
761	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
762	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
763	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
764	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
765	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
766	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
767	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
768	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
769	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
770	11	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
771	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
772	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
773	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
774	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
775	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
776	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
777	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
778	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
779	15.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.75
780	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
781	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
782	7.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7.5
783	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
784	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
785	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
786	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
787	9	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
788	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
789	6	EASTERN RED CEDAR	TO BE REMOVED	POOR		NON-PROTECTED	
790	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
791	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
792	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
793	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
794	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
795	19.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.75
796	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
797	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
798	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
799	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
800	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
801	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
802	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
803	21	BOXELDER	TO BE REMOVED	GOOD		PRIMARY PROTECTED	21
804	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
805	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
806	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
807	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
808	5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
809	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
810	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
811	6.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
812	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
813	10	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
814	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
815	33	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
816	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
817	5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
818	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
819	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
820	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
821	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
822	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
823	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
824	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
825	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
826	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
827	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
828	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
829	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
830	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
831	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
832	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
833	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
834	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
835	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
836	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
837	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
838	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
839	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
840	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
841	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
842	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
843	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
844	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
845	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
846	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
847	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
848	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
849	6.5	PECAN	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
850	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
851	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
852	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
853	6.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
854	6.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
855	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
856	4.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
857	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
858	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
859	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
860	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
861	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
862	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
863	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
864	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
865	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
866	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
867	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
868	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
869	8.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
870	6.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
871	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
872	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
873	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
874	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
875	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
876	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
877	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
878	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
879	7	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7
880	6	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
881	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
882	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
883	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
884	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
885	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
886	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
887	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
888	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
889	15	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
890	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
891	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
892	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
893	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
894	7	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7
895	25	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
896	9.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
897	9.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
898	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
899	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
900	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
901	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
902	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
903	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
904	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
905	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
906	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
907	9.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
908	9	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
909	12.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
910	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
911	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
912	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
913	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
914	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
915	7	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
916	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
917	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
918	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
919	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
920	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
921	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
922	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
923	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
924	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
925	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
926	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
927	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
928	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
929	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
930	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
931	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
932	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
933	8.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
934	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
935	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
936	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
937	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
938	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
939	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
940	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
941	8.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
942	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
943	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
944	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
945	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
946	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
947	7.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
948	4.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
949	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
950	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
951	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
952	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
953	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
954	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
955	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
956	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
957	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
958	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
959	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
960	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
961	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
962	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
963	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
964	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
965	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
966	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
967	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
968	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
969	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
970	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
971	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
972	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
973	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
974	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
975	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
976	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
977	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
978	10	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
979	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
980	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
981	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
982	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
983	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
984	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
985	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
986	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
987	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
988	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
989	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
990	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
991	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
992	14	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
993	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
994	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
995	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
996	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
997	8.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
998	9.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
999	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1000	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1001	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1002	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1003	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1004	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1005	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1006	4.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1007	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1008	6	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1009	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1010	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1011	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
1012	6.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1013	8.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1014	7	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1015	5.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1016	7.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1017	6.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1018	5.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1019	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1020	7	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1021	4.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
1022	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1023	9	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1024	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1025	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1026	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1027	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1028	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1029	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
1030	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1031	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1032	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1033	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1034	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1035	14	BLACK WILLOW	TO BE REMOVED	POOR		NON-PROTECTED	
1036	9	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1037	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1038	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1039	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
1040	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1041	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1042	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1043	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1044	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1045	15	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1046	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1047	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1048	13.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1049	9	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1050	12	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1051	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1052	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1053	12.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1054	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1055	12.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1056	15.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1057	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1058	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1059	14	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1060	21	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1061	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
1062	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1063	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1064	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1065	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1066	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1067	27	HACKBERRY	TO REMAIN	GOOD	OFFSITE	FEATURE TREE	
1068	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1069	4.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
1070	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1071	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1072	8	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1073	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1074	11	BLACK WILLOW	TO BE REMOVED	POOR		NON-PROTECTED	
1075	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY P

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TREE SURVEY FIELD DATA							
No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1135	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1136	13.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1137	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1138	4	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1139	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1140	6.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1141	4	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1142	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1143	10.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1144	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1145	4.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1146	18.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1147	5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1148	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1149	9.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1150	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1151	16	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.00
1152	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1153	8	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1154	7	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1155	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1156	11	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1157	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

Total Caliper Inches on Site	**9,344.50**
Total Caliper Inches Removed	**7,919.00**
Total Mitigation Inches Required	**1,554.25**
Total Mitigation Inches Provided (Refer to Landscape Plans)	**1,063.00**
Total Mitigation Inches Remaining	**491.25**
Tree Preservation Credits Purchased (100% of total mitigation inches paid at $100/inch)	**491.25**
	$49,125.00

TREE PRESERVATION NOTES

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
02/14/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230, 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
L1.06

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$TIME$
$DATE$
$FILE$

D-Series Size 1
LED Area Luminaire

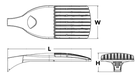
dsxw1 LED

Catalog Number
Notes
Type

Hit the tab key or mouse over this page to see all interactive elements.

Specifications

EPA: 1.07 ft² (0.09 m²)
Length: 33" (83.8cm)
Width: 13" (33cm)
Height: 7-1/2" (19cm)
Weight (max): 27 lbs (12.1kg)



A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency.
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability.
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility and seamless commissioning, when ordered with drivers and control options marked by a shaded background.

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM® node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

A+ Capable options indicated by fifth pink background.

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

DSX1LED									
Series	LEDs	Color temperature	Distribution	Voltage	Mounting	Control options	Other options	Finish
DSX1 LED	**Forward optics** P1 P4 P7 P2 P5 P8 P3 P6 P9 **Rotated optics** P10² P12² P11² P13²	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium T4W Type IV wide T5FT Forward Throw medium T5VS Type V very short	T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control[3] LCCO Left corner cutoff[3] RCCO Right corner cutoff[3]	MVOLT[4,5] 120³ 208[4,5] 240[4,5] 277[4,5] 347[4,5] 480[4,5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately** KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)[7]	**Shipped included** PE Photoelectric cell, button type[8] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, +15' mtg ht.[9] PIR1 180° motion/ambient light sensor, 15-30' mtg ht.[9] PIRH1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc[9] PIR1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[9] ELCW Emergency battery backup (includes external component enclosure), non-CEC compliant[10]	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Control options	Other options	Finish (required)
Shipped included NLTAIR2 nLight AIR generation 2 enabled[11] PER NEMA twist-lock receptacle only (controls ordered separate)[12] PER5 Five-wire receptacle only (controls ordered separate)[12] PER7 Seven-wire receptacle only (controls ordered separate)[12] DMG 0-10V dimming extend out back of housing for external control (leads exit fixture) DS Dual switching[13,14] PIR 180° motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc[13,14,15] PIRH 180° motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[13,14,15] PIR1FC3V 180° motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc[13,14,15]	PIRH1FC3V 180° motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[13,14,15] BL30 Bi-level switched dimming, 30% reduction[13,14,15] BL50 Bi-level switched dimming, 50% reduction[13,14,15] PNMTDD3 Part-night, dim 03 duration[13,14,15] PNMTD2 Part-night, dim 2 hrs[13,14,15] PNMTD5 Part-night, dim 5 hrs[13,14,15] PNMTD7 Part-night, dim 7 hrs[13,14,15] FAO Field adjustable output[16]	**Shipped included** HS Houseside shield[17] SF Single fuse (120, 277, 347V)[18] DF Double fuse (208, 240, 480V)[18] L90 Left-mount optics[19] R90 Right-mounted optics[19] **Shipped separately** BS Bird spikes[20] EGS External glare shield[20]	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

LITHONIA LIGHTING®
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DSXW1 LED
Rev. 01/26/16
Page 1 of 7

D-Series Size 1
LED Wall Luminaire

dsxw1 LED

Catalog Number
Notes
Type

Hit the tab key or mouse over this page to see all interactive elements.

Specifications

Luminaire
Width: 13-3/4" (34.9 cm)
Depth: 4" (10.2 cm)
Height: 6-3/8" (16.2 cm)
Weight: 12 lbs (5.4 kg)

Back Box (BBW, ELCW)
Width: 13-3/4" (34.9 cm)
Depth: 4" (10.2 cm)
Height: 6-3/8" (16.2 cm)
Weight: 5 lbs (2.3 kg)
ELCW Weight: 10 lbs (4.5 kg)

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED									
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options	Other Options	Finish
DSXW1 LED	1C 9LEDs (one engine) 2C 18 LEDs (two engines)[1]	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A)[1]	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium T4FT Forward Throw Medium AFTM Asymmetric diffuse	MVOLT[2] 120[3] 208[3] 240[3] 277[3] 347[3,4] 480[3,4]	**Shipped included** SURF Surface mounting bracket SRM Surface mounting bracket (for conduit entry)[5]	**Shipped included** PE Photoelectric cell, button type[6] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, +15' mtg ht.[7] PIRH 180° motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[7] PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[7] ELCW Emergency battery backup (includes external component enclosure), non-CEC compliant[8]	**Shipped installed** DBL Surface mounting bracket **Shipped separately** BBW Back box (for conduit entry)[9]	DDBTXD Dark bronze DBLBTXD Black DNATXD Natural aluminum DWHXD White DSSTXD Textured dark bronze DBLBTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Optics System	Finish (required)
Shipped installed SF Single fuse (120, 277 or 347V)[10] DF Double fuse (208, 240 or 480V)[10] HS House-side shield.[11] SPD Separate surge protection	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Shipped separately[12]
BSW Bird-deterrent spikes
WG Wire guard
VG Vandal guard
DDL Diffused drop lens

Accessories

Ordered and shipped separately.

DSXW1LL Square side-shield (one per light engine)
DSXW1BW Bird deterrent spikes
DSXW1WG Wire guard accessory
DSXW1VG Vandal guard accessory

NOTES
1. 2AC 1000 is not available with PE, PIRH, PIRH1FC3V or PIRH1FC3V.
2. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
4. Only available with 2AC, 700mA or 1000mA. Not available with PIR or PIRH.
5. Not available with HS. For use with 2 @ 90° arrangements. Must be ordered as a separate accessory.
6. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
7. Reference Motion Sensor table on page 3.
8. Not available with PE, PIR, PIRH. Not compatible with corelink wiring applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com.
9. Not available with ELCW.
10. Also available as a separate accessory see Accessories information.

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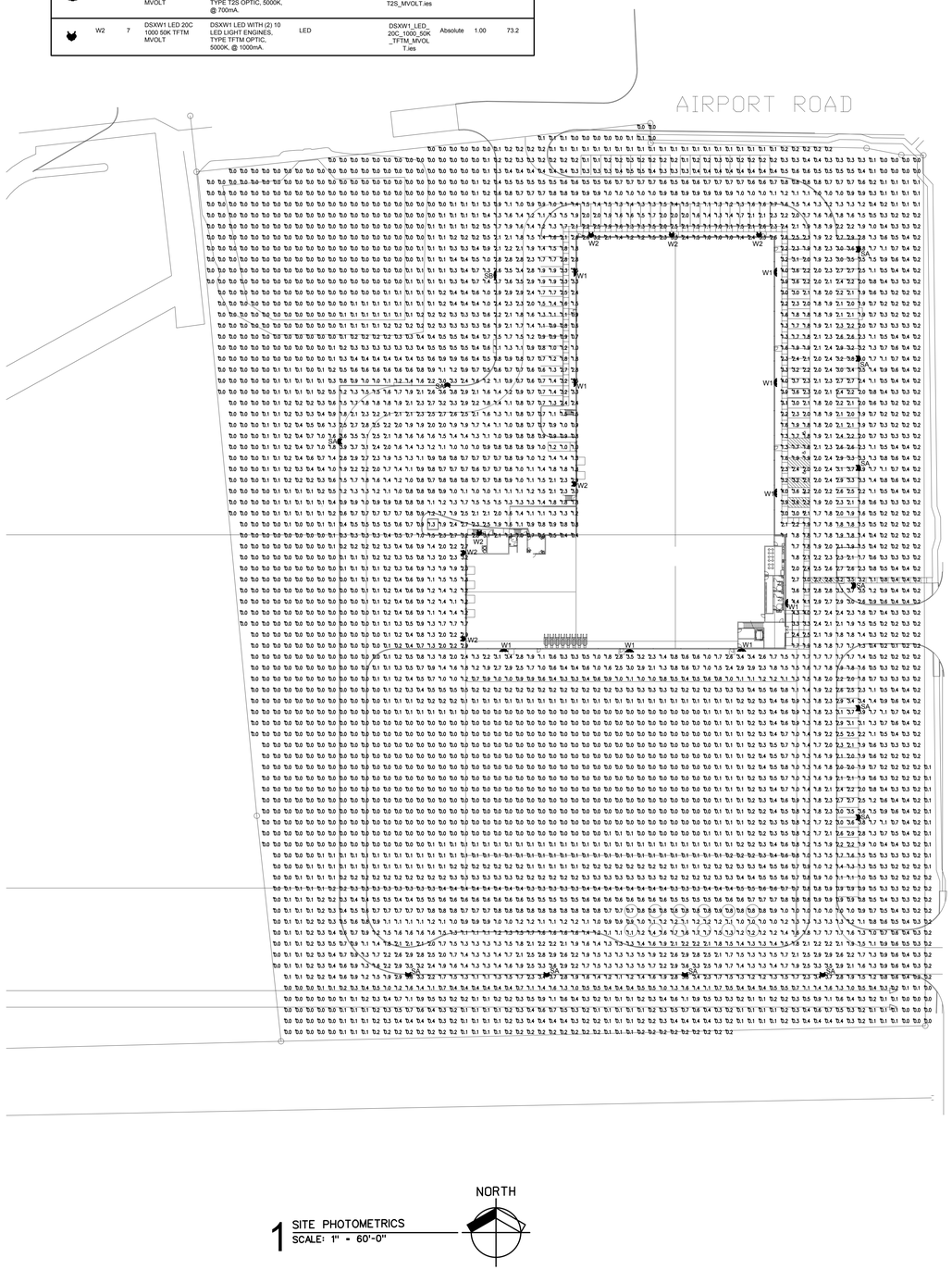
DSXW1 LED
Rev. 10/30/16

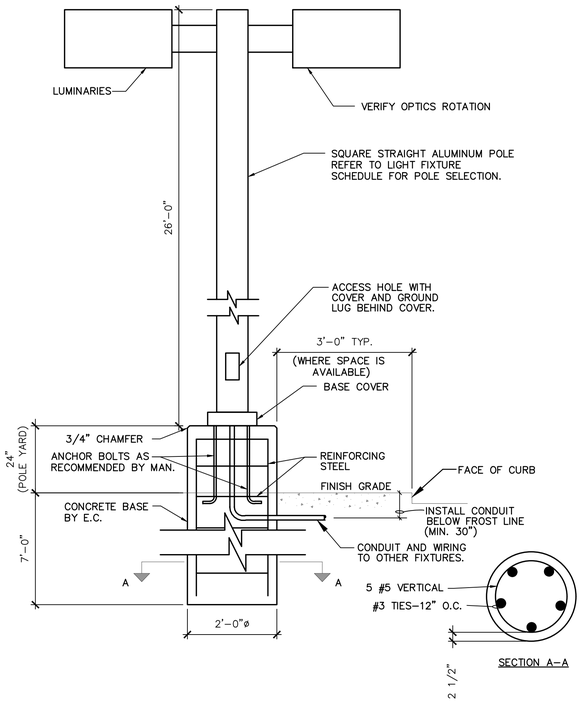
LUMINAIRE SCHEDULE								
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	SA	12	DSX1 LED P6 50K T4M MVOLT	DSX1 LED P6 50K T4M MVOLT	LED	DSX1_LED_P6_50K_T4M_MVOLT.ies	Absolute	1.00	163
	SB	1	DSX1 LED P6 50K T2M MVOLT	DSX1 LED P6 50K T2M MVOLT	LED	DSX1_LED_P6_50K_T2M_MVOLT.ies	Absolute	1.00	163
	W1	9	DSXW1 LED 20C 700 50K T2S MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T2S OPTIC, 5000K, @ 700mA.	LED	DSXW1_LED_20C_700_50K_T2S_MVOLT.ies	Absolute	1.00	45.7
	W2	7	DSXW1 LED 20C 1000 50K TFTM MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE TFTM OPTIC, 5000K, @ 1000mA.	LED	DSXW1_LED_20C_1000_50K_TFTM_MVOLT.ies	Absolute	1.00	73.2

STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #3	+	0.8 fc	4.4 fc	0.0 fc	N / A	N / A



1 SITE PHOTOMETRICS
SCALE: 1" = 60'-0"

NORTH



2 SITE LIGHTING ELEVATION
SCALE: NONE

drawn: JACOB SLIMP
checked PETER HILGER
date: 01.15.19

Peter A. Hilger, P.E.
5800 East Skelly Drive, Suite 1100
Tulsa, Oklahoma 74135
o: 918.749.3000
f: 918.749.3003

PRECISION ENGINEERING GROUP LLC F-13430

STATE OF TEXAS
PETER A. HILGER
103880
PROFESSIONAL ENGINEER

pdg
pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
SE1.1

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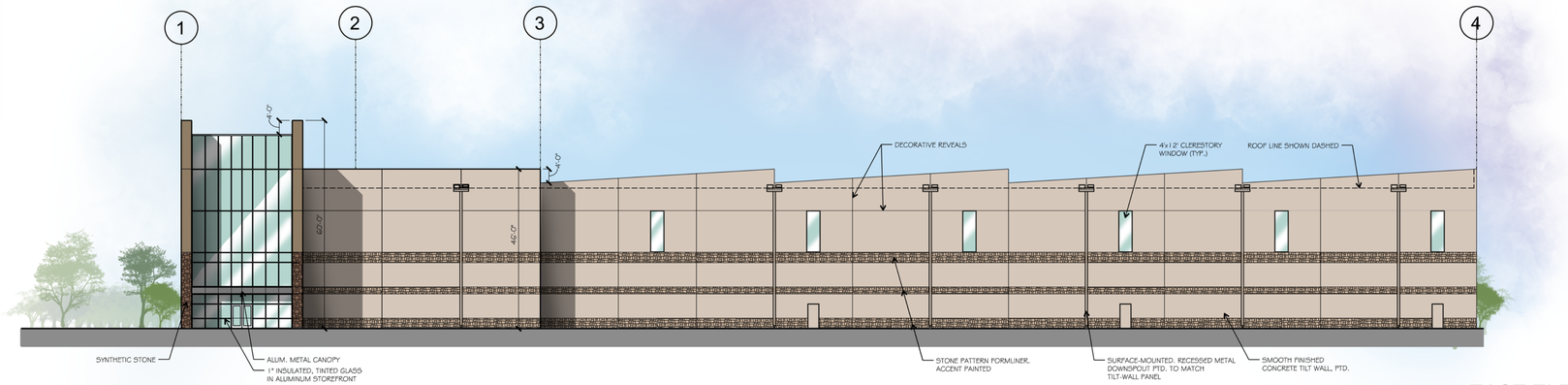
$TIME$
$DATE$
$FILE$

2 NORTH ELEVATION
SCALE: 1/16"=1'-0"

PAINT SCHEME LEGEND
A - BASE COLOR
SHERWIN WILLIAMS - SW9085 TOUCH OF SAND
B - ACCENT COLOR 01
SHERWIN WILLIAMS - SW 7518 BEACH HOUSE
C - ACCENT COLOR 02
SHERWIN WILLIAMS - SW 7550 RESORT TAN

FACADE MATERIAL CALCULATIONS		NORTH	SOUTH	EAST	WEST
1.	TOTAL FACADE SQ. FT.	14,007 FT²	14,217 FT²	17,016 FT²	17,201 FT²
2.	FACADE SQ. FT. EXCLUDING DOORS AND WINDOWS	13,520 FT²	14,145 FT²	15,090 FT²	15,501 FT²
3.	DOORS AND WINDOWS	487 FT²	72 FT²	1,926 FT²	1,700 FT²
4.	METAL	0 FT²	0 FT²	58 FT²	0 FT²
5.	PRIMARY MASONRY TOTALS	13,520 FT² 100% OF (2.)	14,145 FT² 100% OF (2.)	15,032 FT² 99.6% OF (2.)	15,501 FT² 100% OF (2.)



1 EAST ELEVATION
SCALE: 1/20"=1'-0"

drawn: SF
checked MARK W PROSS
date: 02/12/2019

#	DATE	DESCRIPTION

REGISTERED ARCHITECT MARK W. PROSS STATE OF TEXAS
EXPIRES: 08/31/2019

pross design group, incorporated
5510 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/759-1400

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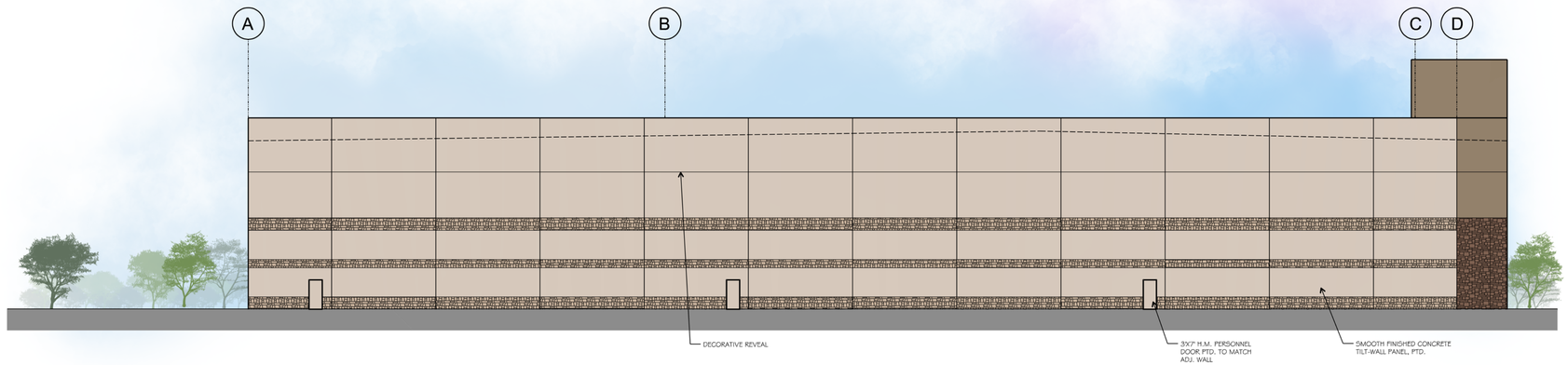


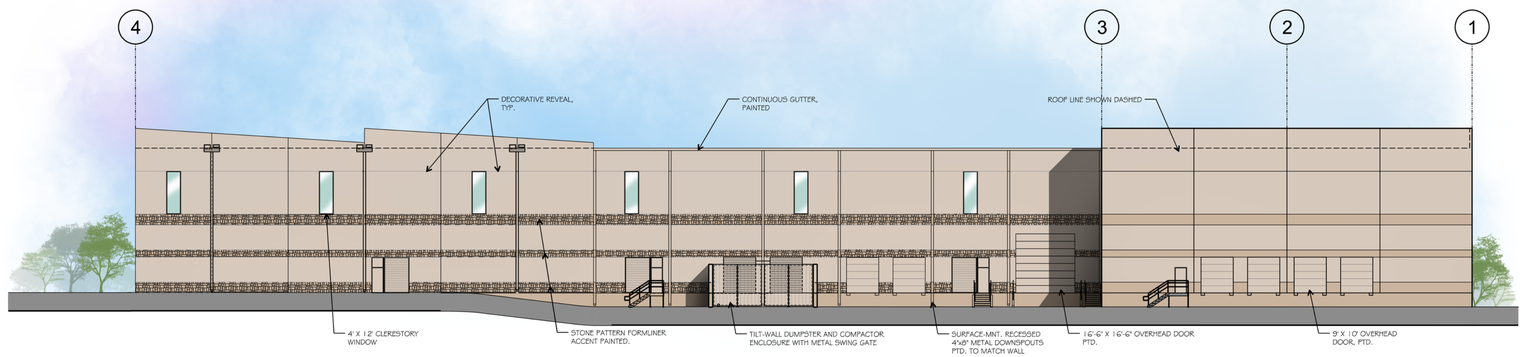
2 SOUTH ELEVATION

SCALE: 1/16"=1'-0"

PAINT SCHEME LEGEND
A - BASE COLOR
SHERWIN WILLIAMS - SW9085 TOUCH OF SAND
B - ACCENT COLOR 01
SHERWIN WILLIAMS - SW 7518 BEACH HOUSE
C - ACCENT COLOR 02
SHERWIN WILLIAMS - SW 7550 RESORT TAN

FACADE MATERIAL CALCULATIONS

		NORTH	SOUTH	EAST	WEST
1.	TOTAL FACADE SQ. FT.	13,239 FT²	35,004 FT²	45,051 FT²	43,139 FT²
2.	FACADE SQ. FT. EXCLUDING DOORS AND WINDOWS	12,807 FT²	34,644 FT²	42,390 FT²	41,677 FT²
3.	DOORS AND WINDOWS	432 FT²	360 FT²	2,661 FT²	1,463 FT²
4.	METAL	43 FT²	21,417 FT²	16,355 FT²	16,365 FT²
5.	PRIMARY MASONRY TOTALS	12,764 FT² 99.6% OF (2.)	13,227 FT² 61.8% OF (2.)	26,035 FT² 61.4% OF (2.)	25,312 FT² 60.7% OF (2.)



1 WEST ELEVATION

SCALE: 1/20"=1'-0"

drawn: SF
checked MARK W PROSS
date: 02/12/2019

#	DATE	DESCRIPTION

REGISTERED ARCHITECT STATE OF TEXAS
EXPIRES: 08/31/2019

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$DATE$
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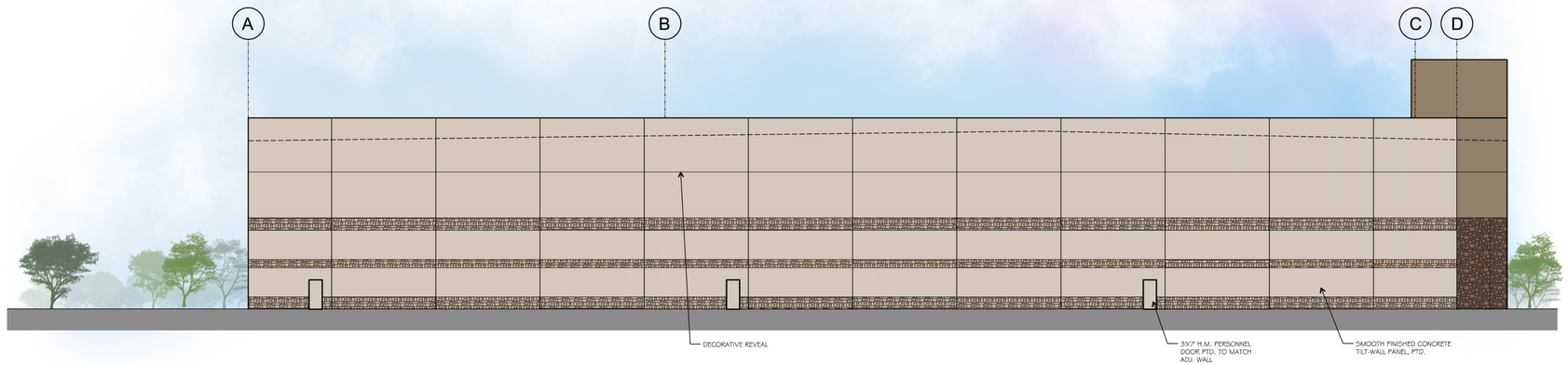

2 SOUTH ELEVATION

SCALE: 1/16"=1'-0"

PAINT SCHEME LEGEND
A - BASE COLOR
SHERWIN WILLIAMS - SW9085 TOUCH OF SAND
B - ACCENT COLOR 01
SHERWIN WILLIAMS - SW 7518 BEACH HOUSE
C - ACCENT COLOR 02
SHERWIN WILLIAMS - SW 7550 RESORT TAN

FACADE MATERIAL CALCULATIONS

		NORTH	SOUTH	EAST	WEST
1.	TOTAL FACADE SQ. FT.	13,239 FT²	35,004 FT²	45,051 FT²	43,139 FT²
2.	FACADE SQ. FT. EXCLUDING DOORS AND WINDOWS	12,807 FT²	34,644 FT²	42,390 FT²	41,677 FT²
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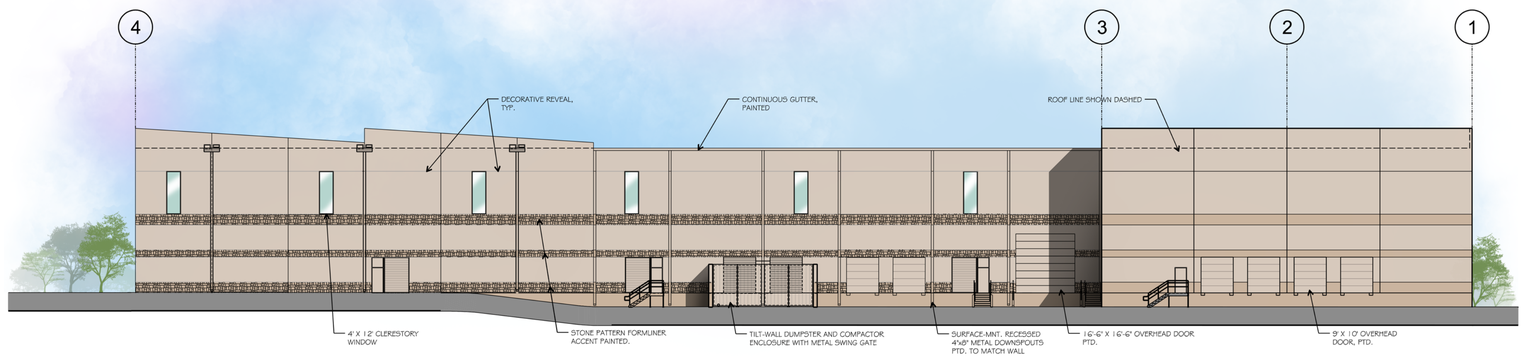

1 WEST ELEVATION

SCALE: 1/20"=1'-0"

drawn: SF
checked MARK W PROSS
date: 02/12/2019

#	DATE	DESCRIPTION

REGISTERED ARCHITECT STATE OF TEXAS
EXPIRES: 08/31/2019

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5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/559-1400

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01

FIELD: SHERWIN WILLIAMS TOUCH OF SAND

02

ACC. 01 : SHERWIN WILLIAMS-BEACH HOUSE

03

ACC. 02: SHERWIN WILLIAMS-RESORT TAN

04

GLAZING: PPG AZURIA AQUA-BLUE, TEMPERED

CONCEPT EXTERIOR RENDERING

05

ALUMINUM COMPOSITE METAL CANOPIES

06

PREMANUFACTURED METAL

07

FITZGERALD FORMLINERS
17008 BRAYMAN DRYSTACK

08

CORONADO STONE
TUSCAN VILLA - ROMANO

$TIME$
$DATE$

■	DATE	DESCRIPTION

drawn: SF
checked MARK W. PROSS
date: 01-09-19

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/788-1400

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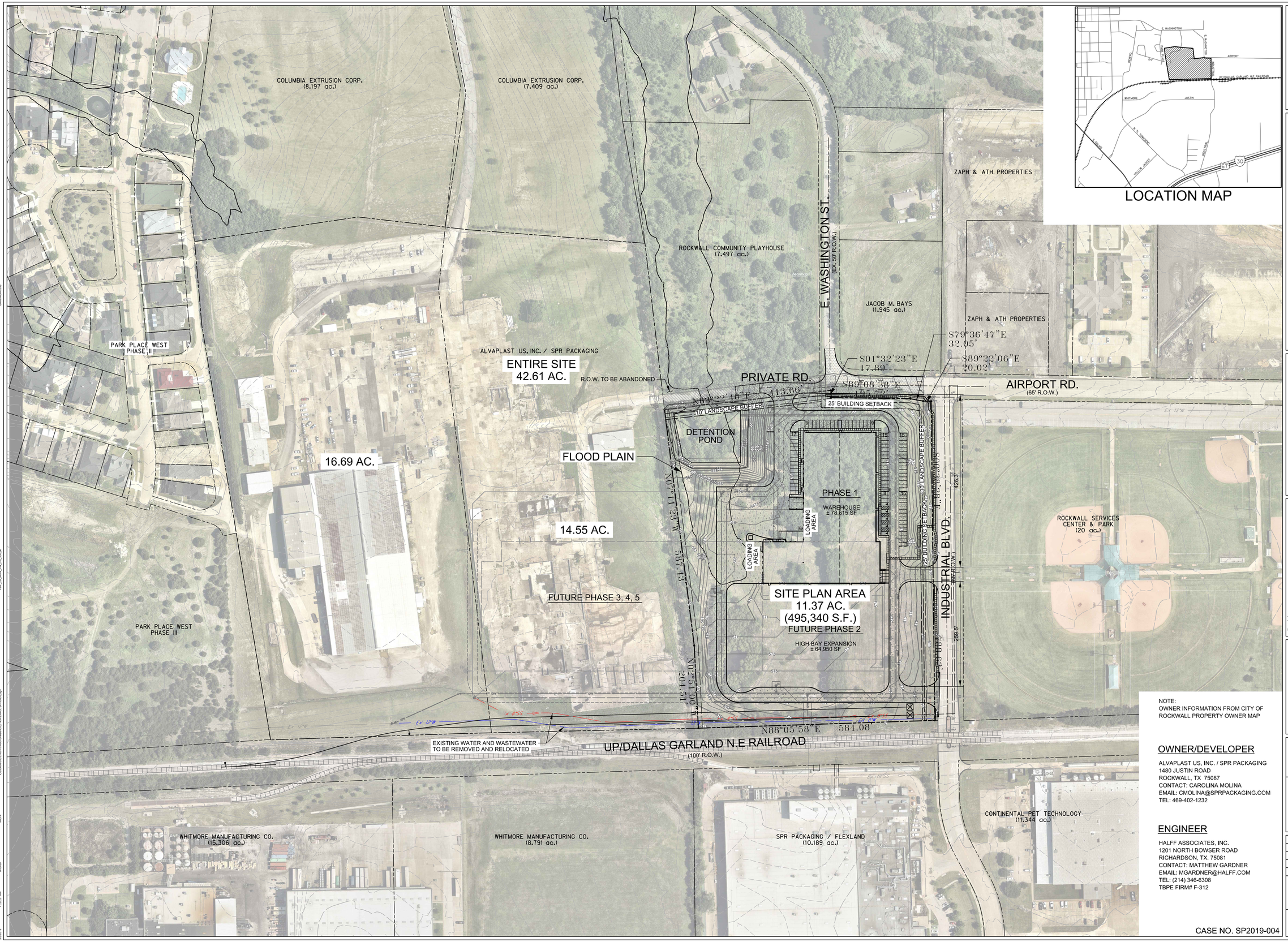
ROCKWALL, TEXAS

job no 1850
sheet SAMPLE BOARD



0 50 100 150 200
SCALE: 1"=100'

SPR PACKAGING
ROCKWALL, TEXAS

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081
(214) 346-6200

Revision No.	Date	Description

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MATTHEW J. GARDNER — 130786
NAME — P.E. NO.
DATE — 3/5/2019
TBPE FIRM # F-312

NOTE:
OWNER INFORMATION FROM CITY OF ROCKWALL PROPERTY OWNER MAP

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
TEL: 469-402-1232

ENGINEER

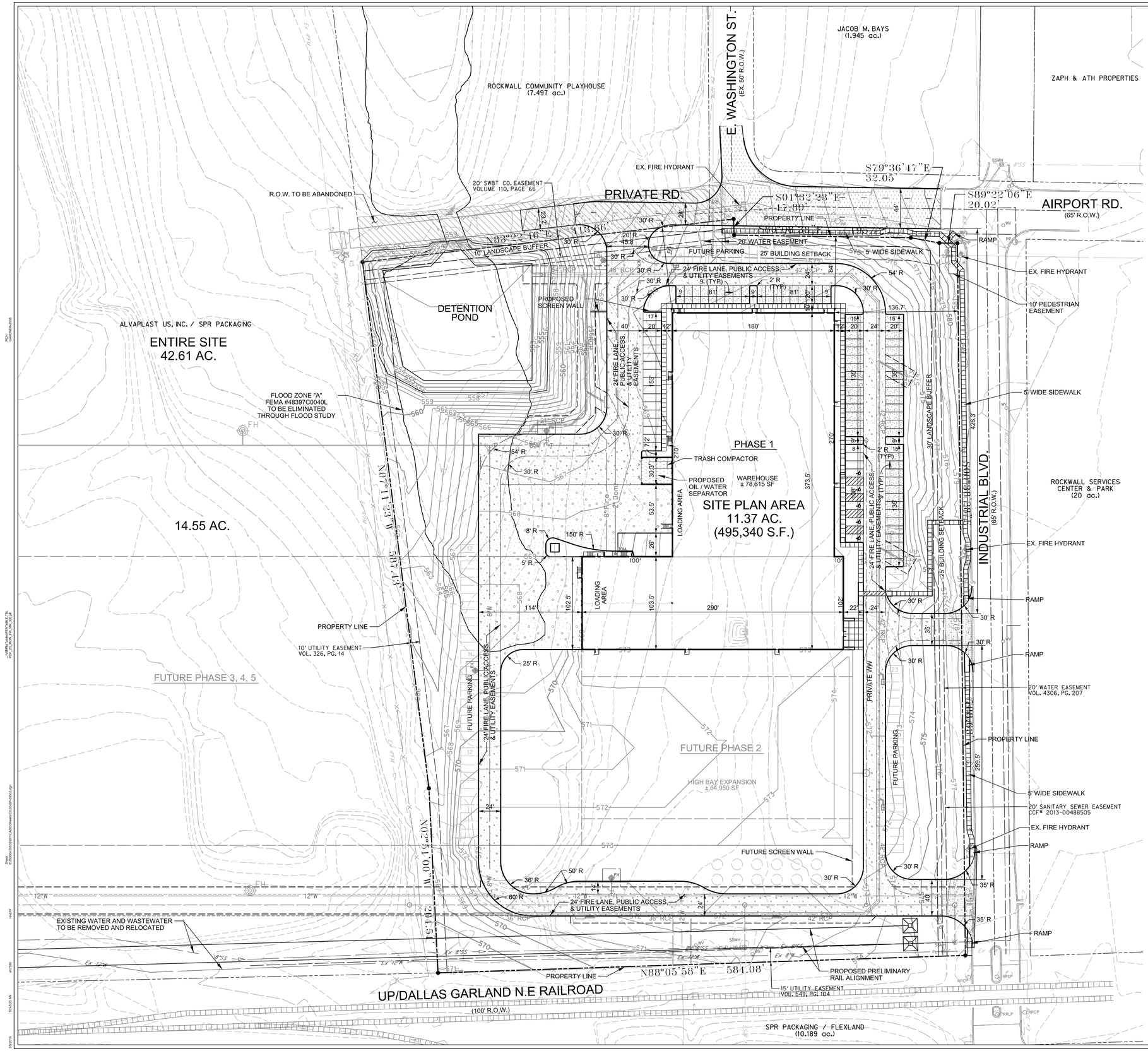
HALFF ASSOCIATES, INC.
1201 NORTH BOWSER ROAD
RICHARDSON, TX. 75081
CONTACT: MATTHEW GARDNER
EMAIL: MGARDNER@HALFF.COM
TEL: (214) 346-6308
TBPE FIRM# F-312

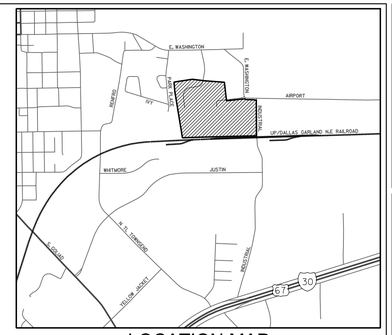
CASE NO. SP2019-004

Project No.:	35533
Issued:	MARCH, 2019
Drawn By:	CAD
Checked By:	MJG
Scale:	AS SHOWN

Sheet Title
OVERALL
SITE PLAN

C0.01
Sheet Number





LOCATION MAP

N

0 25 50 75 100

SCALE: 1"=50'

SITE DATA:

CURRENT ZONING:	(LI) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	78,615	SF
FUTURE WAREHOUSE:	64,950	SF
TOTAL:	143,565	SF
PARKING:		
REQUIRED: 1 SPACE/1000 SF (SEE PARKING LETTER FROM OWNER)		
WAREHOUSE	79	SPACES
FUTURE WAREHOUSE	65	SPACES
TOTAL REQUIRED:	144	SPACES
PROVIDED:	88	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	167	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

LEGEND

- 4" THICK, 3,000 PSI CONCRETE WITH FLAT WELDED WIRE MESH
- 5" THICK, 3,600 PSI CONCRETE PAVEMENT (6.5 SACK MIX) WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 6" THICK, 3,600 PSI CONCRETE PAVEMENT (6.5 SACK MIX) WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 7" THICK, 3,600 PSI CONCRETE PAVEMENT (6.5 SACK MIX) WITH #3 BARS AT 18" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 8" THICK, 4,200 PSI CONCRETE PAVEMENT (7.5 SACK MIX) WITH #3 BARS AT 24" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS
- 9" THICK, 4,200 PSI CONCRETE PAVEMENT (7.5 SACK MIX) WITH #3 BARS AT 24" O.C.E.W. OVER LIME TREATED SUBGRADE PER GEOTECHNICAL RECOMMENDATIONS

EXISTING LEGEND

- FENCE
- F.H. FIRE HYDRANT
- WV WATER VALVE
- SSMH SANITARY SEWER MANHOLE
- PP POWER POLE
- GUY WIRE

OWNER/DEVELOPER

ALVAPLAST US, INC. / SPR PACKAGING
1480 JUSTIN ROAD
ROCKWALL, TX 75087
CONTACT: CAROLINA MOLINA
EMAIL: CMOLINA@SPRPACKAGING.COM
TEL: 469-402-1232

ENGINEER

HALFF ASSOCIATES, INC.
1201 NORTH BOWSER ROAD
RICHARDSON, TX. 75081
CONTACT; MATTHEW GARDNER
EMAIL: MGARDNER@HALFF.COM
TEL: (214) 346-6308
TBPE FIRM# F-312

NOTE:
ALL EXISTING UTILITIES LOCATED WITHIN THE PROPOSED IMPROVEMENTS OF AIRPORT ROAD WILL BE COORDINATED AND RELOCATED IF NECESSARY.

CASE NO. SP2019-004

SPR PACKAGING
ROCKWALL, TEXAS

HALFF
1201 NORTH BOWSER ROAD
RICHARDSON, TX 75081
(214) 346-6200

Revision No.	Date	Description

PRELIMINARY

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MATTHEW J. GARDNER — 130786
NAME — P.E. NO.
DATE — 3/5/2019
TBPE FIRM # F-312

Project No.:	35533
Issued:	MARCH, 2019
Drawn By:	CAD
Checked By:	MJG
Scale:	AS SHOWN

Sheet Title

DETAILED SITE PLAN

C0.02

Sheet Number

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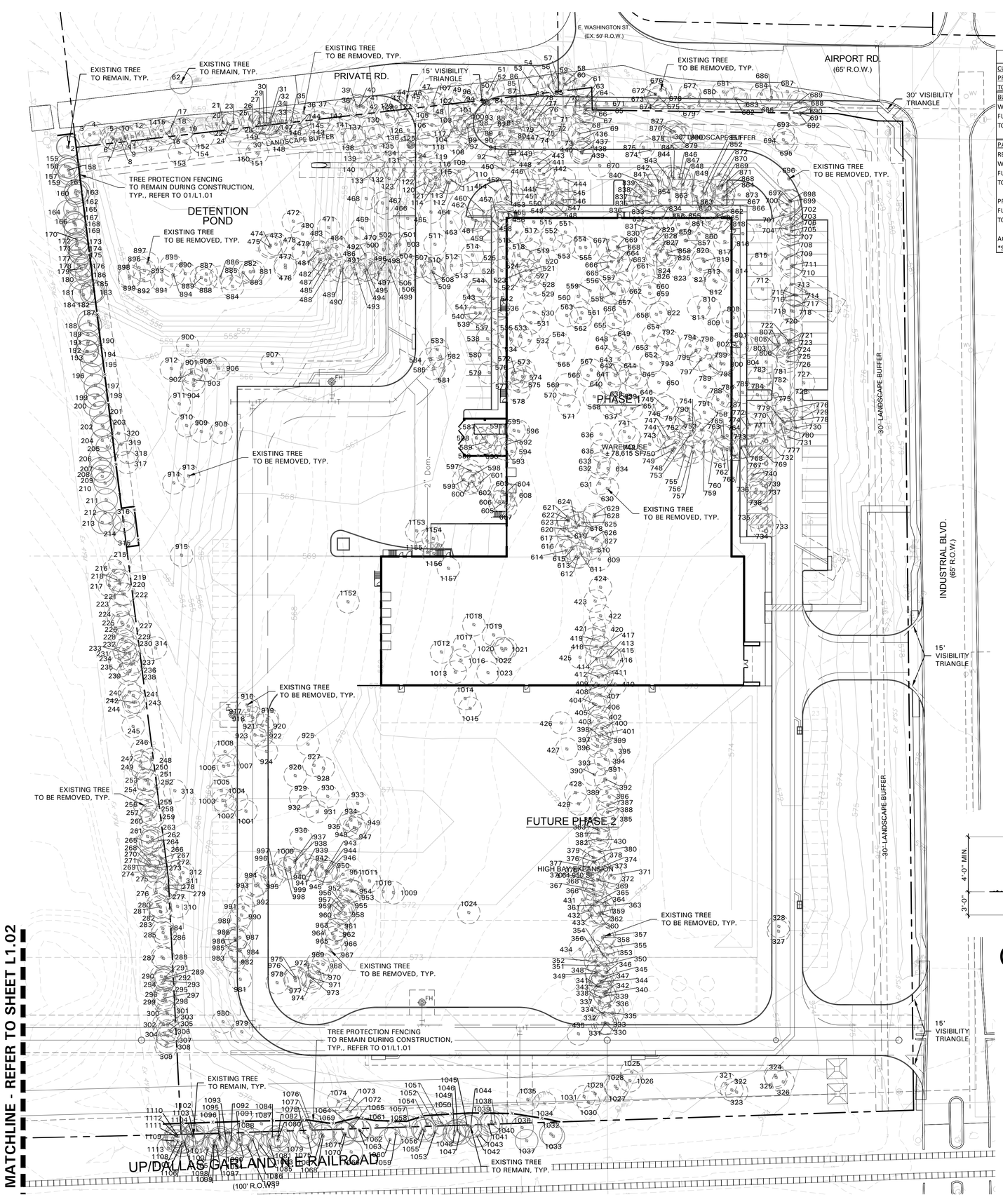


SITE DATA:

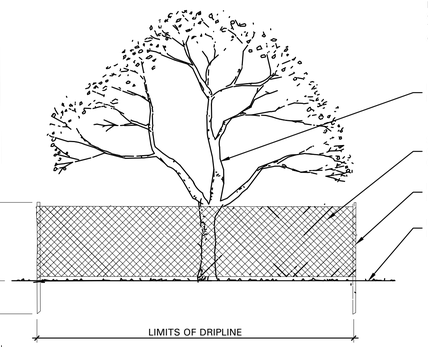
CURRENT ZONING:	(U) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	68,465	SF
FUTURE WAREHOUSE:	74,750	SF
TOTAL:	143,215	SF
PARKING:		
REQUIRED:		
WAREHOUSE (1 SPACE/1000 SF):	68	SPACES
FUTURE WAREHOUSE (1 SPACE/100SF):	75	SPACES
TOTAL REQUIRED:	143	SPACES
PROVIDED:	86	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	165	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

EXISTING TREE LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L1.01

TREE PRESERVATION NOTES

1. EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION FROM TREE STRUCTURE DAMAGE AND COMPACTION OF SOIL UNDER AND AROUND DRIP LINE (CANOPY) OF TREE.
2. IF ANY ROOT STRUCTURE IS DAMAGED DURING ADJACENT EXCAVATION / CONSTRUCTION, NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. IT IS RECOMMENDED THAT A LICENSED ARBORIST BE SECURED FOR THE TREATMENT OF ANY POSSIBLE TREE WOUNDS.
3. NO DISTURBANCE OF THE SOIL GREATER THAN 4" SHALL BE LOCATED CLOSER TO THE TREE TRUNK THAN 1/2 THE DISTANCE OF THE DRIP LINE TO THE TREE TRUNK. A MINIMUM OF 75% OF THE DRIP LINE AND ROOT ZONE SHALL BE PRESERVED AT NATURAL GRADE.
4. ANY FINE GRADING DONE WITHIN THE CRITICAL ROOT ZONES OF THE PROTECTED TREES MUST BE DONE WITH LIGHT MACHINERY SUCH AS A BOBCAT OR LIGHT TRACTOR. NO EARTH MOVING EQUIPMENT WITH TRACKS IS ALLOWED WITHIN THE CRITICAL ROOT ZONE OF THE TREES.
5. NO MATERIALS INTENDED FOR USE IN CONSTRUCTION OR WASTE MATERIALS ACCUMULATED DUE TO EXCAVATION OR DEMOLITION SHALL BE PLACED WITHIN THE LIMITS OF THE DRIP LINE OF ANY TREE.
6. NO EQUIPMENT MAY BE CLEANED OR TOXIC SOLUTIONS, OR OTHER LIQUID CHEMICALS, SHALL BE DEPOSITED WITHIN THE LIMITS OF THE DRIP LINE OF A TREE, INCLUDING BUT NOT LIMITED TO: PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR, PRIMERS, ETC.
7. NO SIGNS, WIRES OR OTHER ATTACHMENTS, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
8. NO VEHICULAR / CONSTRUCTION EQUIPMENT TRAFFIC OR PARKING IS ALLOWED WITHIN THE LIMITS OF THE DRIP LINE OF TREES.
9. BORING OF UTILITIES MAY BE PERMITTED UNDER PROTECTED TREES IN CERTAIN CIRCUMSTANCES. THE MINIMUM LENGTH OF THE BORE SHALL BE THE WIDTH OF THE TREE'S CANOPY AND SHALL BE A MINIMUM DEPTH OF FORTY-EIGHT (48") INCHES.
10. IRRIGATION TRENCHING WHICH MUST BE DONE WITHIN THE CRITICAL ROOT ZONE OF A TREE SHALL BE DUG BY HAND AND ENTER THE AREA IN A RADIAL MANNER.
11. ALL TREES TO BE REMOVED FROM THE SITE SHALL BE FLAGGED BY THE CONTRACTOR WITH BRIGHT RED VINYL TAPE (3" WIDTH) WRAPPED AROUND THE MAIN TRUNK AT A HEIGHT OF FOUR (4') FEET ABOVE GRADE. FLAGGING SHALL BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO ANY TREE REMOVAL. CONTRACTOR SHALL CONTACT OWNER'S AUTHORIZED REPRESENTATIVE WITH 72 HOURS NOTICE TO SCHEDULE ON-SITE MEETING.
12. ALL TREES TO REMAIN, AS NOTED ON DRAWINGS, SHALL HAVE PROTECTIVE FENCING LOCATED AT THE TREE'S DRIP LINE. THE PROTECTIVE FENCING MAY BE COMPRISED OF SNOW FENCING, ORANGE VINYL CONSTRUCTION FENCING, CHAIN LINK FENCE OR OTHER SIMILAR FENCING WITH A FOUR (4') FOOT APPROXIMATE HEIGHT. THE PROTECTIVE FENCING SHALL BE LOCATED AS INDICATED ON THE TREE PROTECTION DETAIL.
13. WHEN A LOW HANGING LIMB IS BROKEN DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR PRUNE ANY PORTION OF THE DAMAGED TREE WITHOUT THE PRIOR APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE.



01 TREE PROTECTIVE FENCING
NOT TO SCALE

KEY MAP
SCALE: 1" = 700'

TREE PRESERVATION PLAN

SCALE: 1" = 40'-0"
0 20 40 80

BELLE FIRMA

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS
	03/04/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
03/04/19

pdg
pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no
sheet
L1.01

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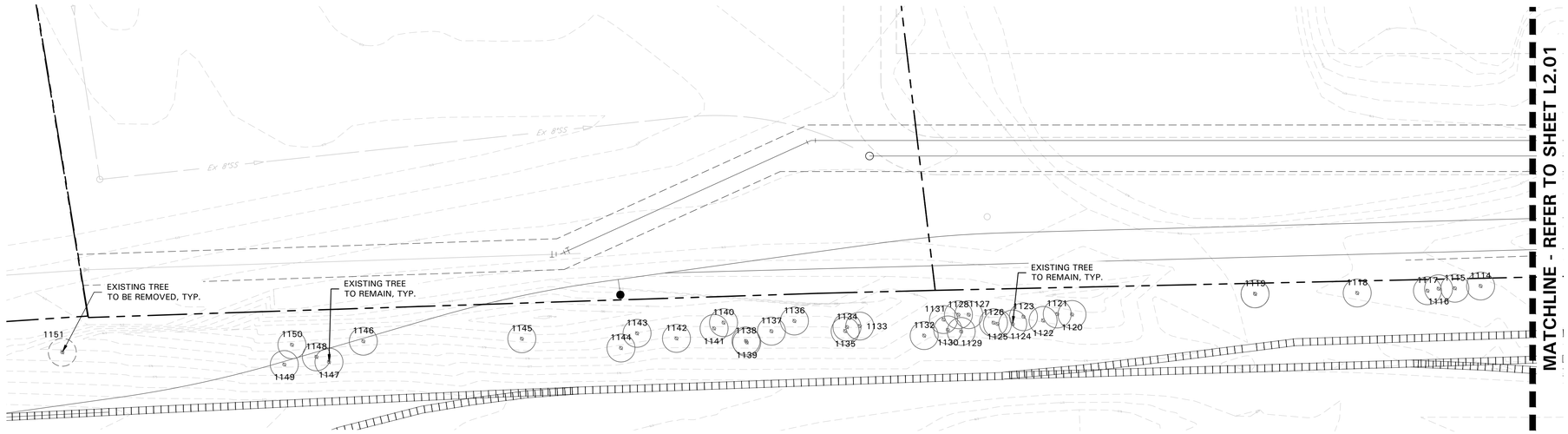

EXISTING TREE LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L1.01

KEY MAP
SCALE: 1" = 700'

TREE PRESERVATION PLAN

N

SCALE: 1" = 40'-0"
0 20 40 80

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#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS
	03/04/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

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2246
STATE OF TEXAS
03/04/19

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SPR NORTH
ROCKWALL, TEXAS

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
2	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
3	5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
4	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
5	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
6	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
7	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
8	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
9	6.5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
10	4	HERCULES CLUB	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
11	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
12	14	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	7
13	5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
14	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
15	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
16	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
17	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
18	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
19	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
20	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
21	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
22	8.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
23	14.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	7.25
24	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
25	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
26	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
27	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
28	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
29	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
30	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
31	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
32	6.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
33	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
34	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
35	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
36	7.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
37	8.5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
38	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
39	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
40	13	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	6.5
41	8	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
42	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
43	9.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
44	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
45	5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
46	10	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
47	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
48	19	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	9.5
49	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
50	9	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
51	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
52	8.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
53	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
54	11	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	5.5
55	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
56	5.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
57	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
58	10	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
59	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
60	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
61	5	HACKBERRY	TO BE REMOVED	POOR	WITHIN R.O.W.	NON-PROTECTED	
62	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
63	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
64	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
65	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
66	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
67	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
68	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
69	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
70	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
71	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
72	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
73	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
74	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
75	9	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
76	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
77	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
78	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
79	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
80	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
81	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
82	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
83	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
84	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
85	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
86	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
87	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
88	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
89	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
90	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
91	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
92	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
93	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
94	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
95	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
96	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
97	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
98	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
99	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
100	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
101	6.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
102	10.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
103	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
104	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
105	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
106	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
107	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
108	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
109	18.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.25
110	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
111	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
112	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
113	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
114	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
115	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
116	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
117	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
118	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
119	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
120	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
121	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
122	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
123	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
124	6.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
125	12	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
126	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
127	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
128	5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
129	4.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
130	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
131	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
132	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
133	4	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
134	5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
135	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
136	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
137	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
138	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
139	13.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
140	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
141	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
142	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
143	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
144	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
145	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
146	12.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
147	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
148	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
149	4.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
150	10	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
151	5.5	BRADFORD PEAR	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
152	45.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
153	10	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
154	4.5	AMERICAN ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
155	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
156	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
157	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
158	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
159	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
160	12	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
161	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
162	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
163	8.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
164	12	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
165	8	BOIS D'ARC	TO REMAIN	POOR	OFFSITE	NON-PROTECTED	
166	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
167	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
168	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
169	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
170	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
171	14	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
172	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
173	5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
174	12	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
175	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
176	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
177	6.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
178	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
179	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
180	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
181	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
182	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
183	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
184	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
185	13.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
186	10	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
187	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
188	17.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
189	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
190	9.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
191	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
192	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
193	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
194	5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
195	9	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
196	9.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
197	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
198	14	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
199	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
200	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
201	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
202	12.5	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
203	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
204	13	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
205	5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
206	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
207	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
208	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
209	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
210	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
211	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
212	7.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
213	11.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
214	10	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
215	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
216	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
217	10.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
218	11	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
219	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
220	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
221	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
222	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
223	23	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
224	10	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
225	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
226	5.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
227	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
228	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
229	14.5	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
230	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
231	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
232	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
233	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
234	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
235	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
236	7	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
237	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
238	14	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
239	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
240	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
241	25	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
242	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
243	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
244	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
245	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
246	8.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
247	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
248	16	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
249	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
250	16	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
251	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
252	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
253	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
254	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
255	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
256	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
257	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
258	6	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
259	11	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.5
260	7.5	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
261	7	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
262	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
263	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
264	15.5	BOIS D'ARC	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
265	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
266	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
267	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
268	4.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
269	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
270	5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
271	13	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	6.5
272	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
273	8	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
274	11.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.75
275	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
276	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
277	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
278	4.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
279	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
280	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
281	11	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.5
282	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
283	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
284	6	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
285	11	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	SECONDARY PROTECTED	5.5
286	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
287	8	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
288	9	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
289	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
290	4.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
291	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
292	10	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
293	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
294	7.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
295	6.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
296	7	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
297	9.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
298	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
299	7.5	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
300	10	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
301	9.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
302	4	HACKBERRY	TO BE REMOVED	GOOD	OFFSITE	NON-PROTECTED	
303	4	HACKBERRY	TO BE REMOVED

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
379	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
380	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
381	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
382	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
383	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
384	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
385	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
386	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
387	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
388	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
389	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
390	16.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.25
391	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
392	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
393	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
394	33	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	66
395	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
396	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
397	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
398	19.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.75
399	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
400	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
401	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
402	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
403	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
404	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
405	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
406	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
407	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
408	22	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11
409	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
410	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
411	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
412	23	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11.5
413	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
414	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
415	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
416	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
417	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
418	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
419	27	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	54
420	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
421	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
422	20	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10
423	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
424	30	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	60
425	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
426	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
427	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
428	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
429	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
430	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
431	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
432	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
433	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
434	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
435	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
436	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
437	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
438	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
439	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
440	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
441	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
442	14.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
443	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
444	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
445	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
446	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
447	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
448	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
449	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
450	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
451	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
452	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
453	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
454	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
455	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
456	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
457	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
458	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
459	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
460	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
461	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
462	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
463	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
464	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
465	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
466	11	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
467	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
468	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
469	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
470	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
471	9.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
472	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
473	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
474	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
475	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
476	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
477	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
478	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
479	10	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
480	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
481	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
482	9	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
483	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
484	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
485	13	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
486	8.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
487	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
488	13.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.75
489	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
490	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
491	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
492	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
493	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
494	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
495	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
496	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
497	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
498	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
499	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
500	8	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
501	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
502	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
503	10	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
504	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
505	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
506	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
507	14.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
508	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
509	17	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.5
510	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
511	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
512	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
513	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
514	16	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
515	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
516	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
517	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
518	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
519	17.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.75
520	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
521	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
522	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
523	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
524	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
525	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
526	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
527	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
528	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
529	19	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.5
530	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
531	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
532	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
533	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
534	34	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	68
535	11	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
536	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
537	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
538	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
539	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
540	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
541	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
542	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
543	23	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
544	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
545	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
546	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
547	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
548	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
549	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
550	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
551	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
552	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
553	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
554	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
555	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
556	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
557	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
558	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
559	5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
560	7	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
561	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
562	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
563	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
564	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
565	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
566	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
567	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
568	31.5	BOIS D'ARC	TO BE REMOVED	POOR		NON-PROTECTED	
569	4	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
570	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
571	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
572	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
573	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
574	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
575	19	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.5
576	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
577	21	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.5
578	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
579	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
580	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
581	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
582	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
583	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
584	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
585	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
586	22	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	11
587	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
588	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
589	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
590	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
591	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
592	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
593	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
594	21	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.5
595	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
596	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
597	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
598	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
599	17.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.75
600	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
601	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
602	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
603	20.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10.25
604	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
605	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
606	18	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9
607	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
608	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
609	16	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8
610	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
611	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
612	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
613	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
614	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
615	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
616	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
617	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
618	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
619	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
620	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
621	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
622	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
623	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
624	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
625	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
626	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
627	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
628	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
629	25	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	12.5
630	31	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	62

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
631	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
632	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
633	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
634	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
635	15	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.5
636	26	HACKBERRY	TO BE REMOVED	GOOD		FEATURE TREE	52
637	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
638	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
639	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
640	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
641	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
642	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
643	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
644	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
645	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
646	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
647	11.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.75
648	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
649	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
650	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
651	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
652	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
653	20	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	10
654	6	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
655	12	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6
656	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
657	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
658	6	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
659	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
660	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
661	8	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	8
662	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
663	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
664	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
665	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
666	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
667	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
668	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
669	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
670	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
671	38	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
672	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
673	4	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
674	4.5	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
675	12	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	6
676	12	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
677	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
678	20	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	SECONDARY PROTECTED	10
679	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
680	23	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
681	6.5	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
682	6	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	6
683	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
684	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
685	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
686	7	EASTERN RED CEDAR	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
687	35	BOIS D'ARC	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
688	4	CEDAR ELM	TO BE REMOVED	GOOD	WITHIN R.O.W.	PRIMARY PROTECTED	4
689	7	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
690	6	HACKBERRY	TO BE REMOVED	GOOD	WITHIN R.O.W.	NON-PROTECTED	
691	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
692	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
693	9	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
694	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
695	14.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.25
696	10	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
697	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
698	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECT

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
757	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
758	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
759	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
760	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
761	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
762	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
763	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
764	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
765	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
766	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
767	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
768	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
769	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
770	11	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	5.5
771	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
772	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
773	13	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.5
774	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
775	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
776	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
777	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
778	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
779	15.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7.75
780	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
781	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
782	7.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7.5
783	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
784	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
785	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
786	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
787	9	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
788	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
789	6	EASTERN RED CEDAR	TO BE REMOVED	POOR		NON-PROTECTED	
790	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
791	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
792	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
793	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
794	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
795	19.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	9.75
796	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
797	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
798	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
799	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
800	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
801	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
802	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
803	21	BOXELDER	TO BE REMOVED	GOOD		PRIMARY PROTECTED	21
804	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
805	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
806	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
807	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
808	5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
809	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
810	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
811	6.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
812	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
813	10	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	10
814	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
815	33	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
816	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
817	5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
818	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
819	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
820	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
821	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
822	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
823	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
824	8.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
825	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
826	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
827	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
828	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
829	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
830	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
831	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
832	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
833	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
834	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
835	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
836	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
837	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
838	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
839	6.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
840	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
841	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
842	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
843	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
844	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
845	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
846	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
847	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
848	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
849	6.5	PECAN	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
850	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
851	5.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
852	4	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
853	6.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
854	6.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6.5
855	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
856	4.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
857	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
858	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
859	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
860	5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
861	5	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5
862	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
863	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
864	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
865	4	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4
866	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
867	6	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
868	5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
869	8.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
870	6.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
871	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
872	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
873	4	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
874	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
875	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
876	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
877	4.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
878	5.5	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	5.5
879	7	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7
880	6	CEDAR ELM	TO BE REMOVED	GOOD		PRIMARY PROTECTED	6
881	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
882	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
883	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
884	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
885	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
886	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
887	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
888	10.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
889	15	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
890	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
891	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
892	14	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	7
893	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
894	7	GREEN ASH	TO BE REMOVED	GOOD		PRIMARY PROTECTED	7
895	25	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
896	9.5	HONEY LOCUST	TO BE REMOVED	GOOD		NON-PROTECTED	
897	9.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
898	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
899	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
900	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
901	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
902	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
903	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
904	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
905	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
906	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
907	9.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
908	9	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
909	12.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
910	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
911	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
912	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
913	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
914	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
915	7	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
916	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
917	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
918	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
919	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
920	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
921	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
922	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
923	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
924	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
925	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
926	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
927	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
928	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
929	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
930	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
931	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
932	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
933	8.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
934	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
935	8	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
936	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
937	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
938	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
939	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
940	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
941	8.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
942	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
943	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
944	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
945	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
946	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
947	7.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
948	4.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
949	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
950	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
951	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
952	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
953	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
954	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
955	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
956	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
957	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
958	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
959	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
960	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
961	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
962	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
963	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
964	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
965	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
966	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
967	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
968	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
969	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
970	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
971	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
972	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
973	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
974	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
975	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
976	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
977	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
978	10	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
979	6	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
980	8	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
981	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
982	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
983	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
984	4.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
985	6.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
986	7.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
987	5.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
988	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
989	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
990	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
991	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
992	14	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
993	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
994	10.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
995	7	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
996	6	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
997	8.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
998	9.5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
999	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1000	5	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1001	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1002	5.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1003	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1004	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1005	5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1006	4.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1007	4	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1008	6	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	

TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1009	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1010	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1011	4	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
1012	6.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1013	8.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1014	7	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1015	5.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1016	7.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1017	6.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1018	5.5	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1019	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1020	7	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1021	4.5	BOIS D'ARC	TO BE REMOVED	GOOD		NON-PROTECTED	
1022	6.5	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1023	9	COTTONWOOD	TO BE REMOVED	GOOD		NON-PROTECTED	
1024	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1025	9	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1026	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1027	7	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1028	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1029	4.5	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
1030	9.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1031	5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1032	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1033	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1034	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1035	14	BLACK WILLOW	TO BE REMOVED	POOR		NON-PROTECTED	
1036	9	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1037	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1038	8	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1039	12.5	HACKBERRY	TO BE REMOVED	GOOD		SECONDARY PROTECTED	6.25
1040	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1041	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1042	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1043	15	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1044	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1045	15	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1046	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1047	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1048	13.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1049	9	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1050	12	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1051	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1052	7.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1053	12.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1054	6	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1055	12.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1056	15.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1057	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1058	10	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1059	14	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1060	21	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1061	8	EASTERN RED CEDAR	TO BE REMOVED	GOOD		NON-PROTECTED	
1062	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1063	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1064	5.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1065	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1066	8	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1067	27	HACKBERRY	TO REMAIN	GOOD	OFFSITE	FEATURE TREE	
1068	9	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1069	4.5	HERCULES CLUB	TO BE REMOVED	GOOD		PRIMARY PROTECTED	4.5
1070	4.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1071	11	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1072	8	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1073	4	BLACK WILLOW	TO BE REMOVED	GOOD		NON-PROTECTED	
1074	11	BLACK WILLOW	TO BE REMOVED	POOR		NON-PROTECTED	
1075	12	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY P

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TREE SURVEY FIELD DATA

No.	Dia. (inches)	Species (common name)	Status	Condition	Remarks	Protection Status	Mitigation Required
1135	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1136	13.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1137	13	HACKBERRY	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1138	4	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1139	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1140	6.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1141	4	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1142	7	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1143	10.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1144	6	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1145	4.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1146	18.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	SECONDARY PROTECTED	
1147	5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1148	6	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1149	9.5	EASTERN RED CEDAR	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1150	4	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED	
1151	16	EASTERN RED CEDAR	TO BE REMOVED	GOOD		SECONDARY PROTECTED	8.00
1152	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1153	8	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1154	7	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1155	4.5	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1156	11	CHINABERRY	TO BE REMOVED	GOOD		NON-PROTECTED	
1157	4	HACKBERRY	TO BE REMOVED	GOOD		NON-PROTECTED	

Total Caliper Inches on Site	**9,344.50**
Total Caliper Inches Removed	**7,919.00**
Total Mitigation Inches Required	**1,554.25**
Total Mitigation Inches Provided (Refer to Landscape Plans)	**1,412.00**
Total Mitigation Inches Remaining	**142.25**
Tree Preservation Credits Purchased (100% of total mitigation inches paid at $100/inch)	**142.25**
	$14,225.00

TREE PRESERVATION NOTES

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS
	03/04/19	CITY COMMENTS

REGISTERED LANDSCAPE ARCHITECT
BRIAN HUSEMANN
2246
STATE OF TEXAS
03/04/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230, 972/759-1400

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SPR NORTH
ROCKWALL, TEXAS

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KEY MAP
SCALE: 1" = 700'

OVERALL LANDSCAPE PLAN

N

SCALE: 1" = 80'-0"
0 40 80 160

BELLE FIRMA

4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

drawn: NAY
checked KAH
date: 01/15/19

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	03/04/19	CITY COMMENTS

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
03/04/19

pdg
pross design group, incorporated
5510 Harvest Hill Road, Suite 160, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

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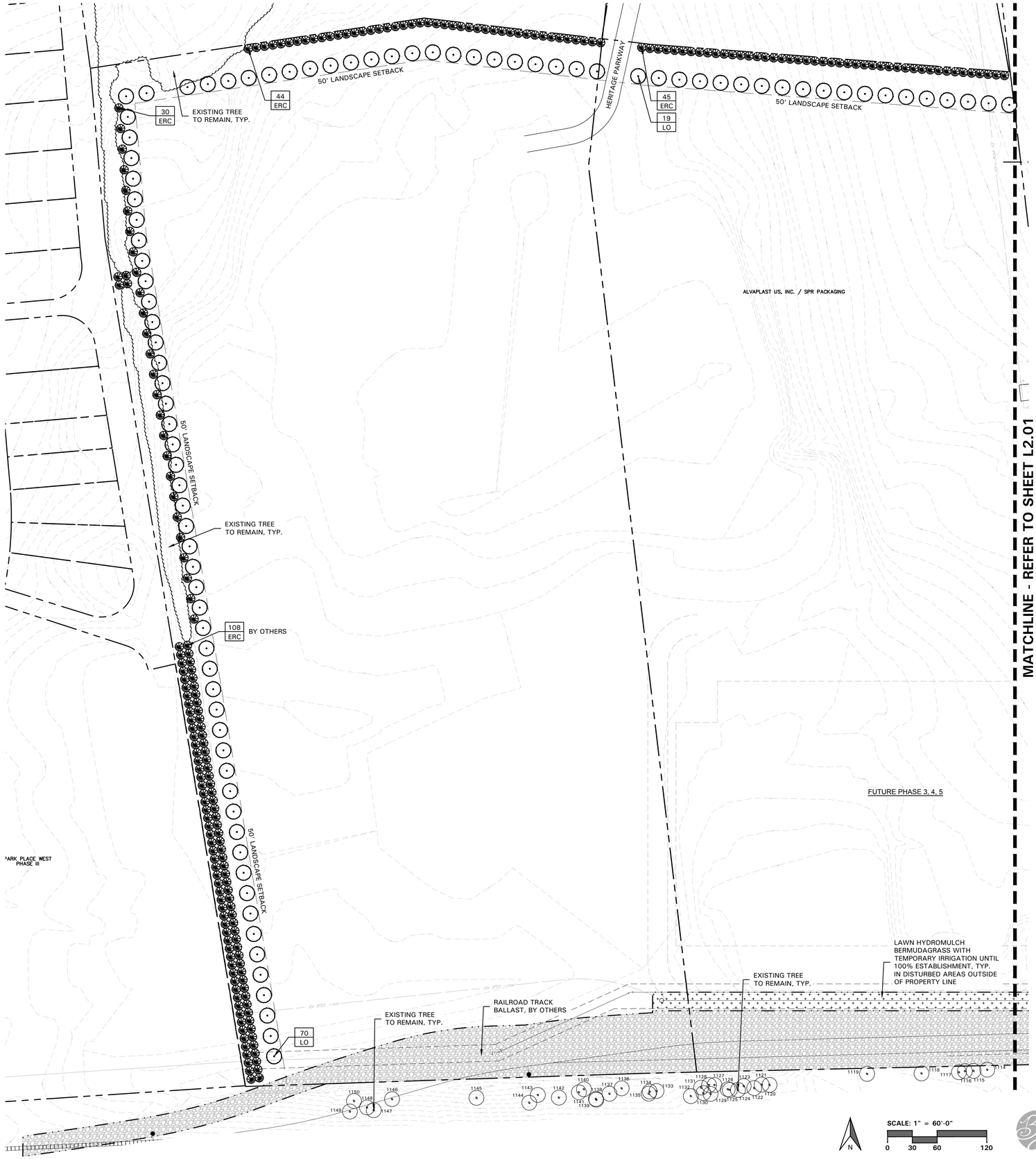

PLANT LEGEND

SYMBOL	COMMON NAME
AB	Dwarf Abelia 'Edward Goucher'
AN	Andorra Juniper
BC	Bald Cypress
BO	Bur Oak
CE	Cedar Elm
CO	Chinkapin Oak
ERC	Eastern Redcedar
IH	Indian Hawthorne 'Clara'
LE	Lacebark Elm
LO	Live Oak
MFG	Mexican Feathergrass
SO	Shumard Red Oak

REFER TO L2.03 FOR PLANT LIST

KEY MAP
SCALE: 1" = 700'

LANDSCAPE PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS
	03/04/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HARRIS
2246
STATE OF TEXAS
03/04/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/759-1400

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SPR NORTH
ROCKWALL, TEXAS

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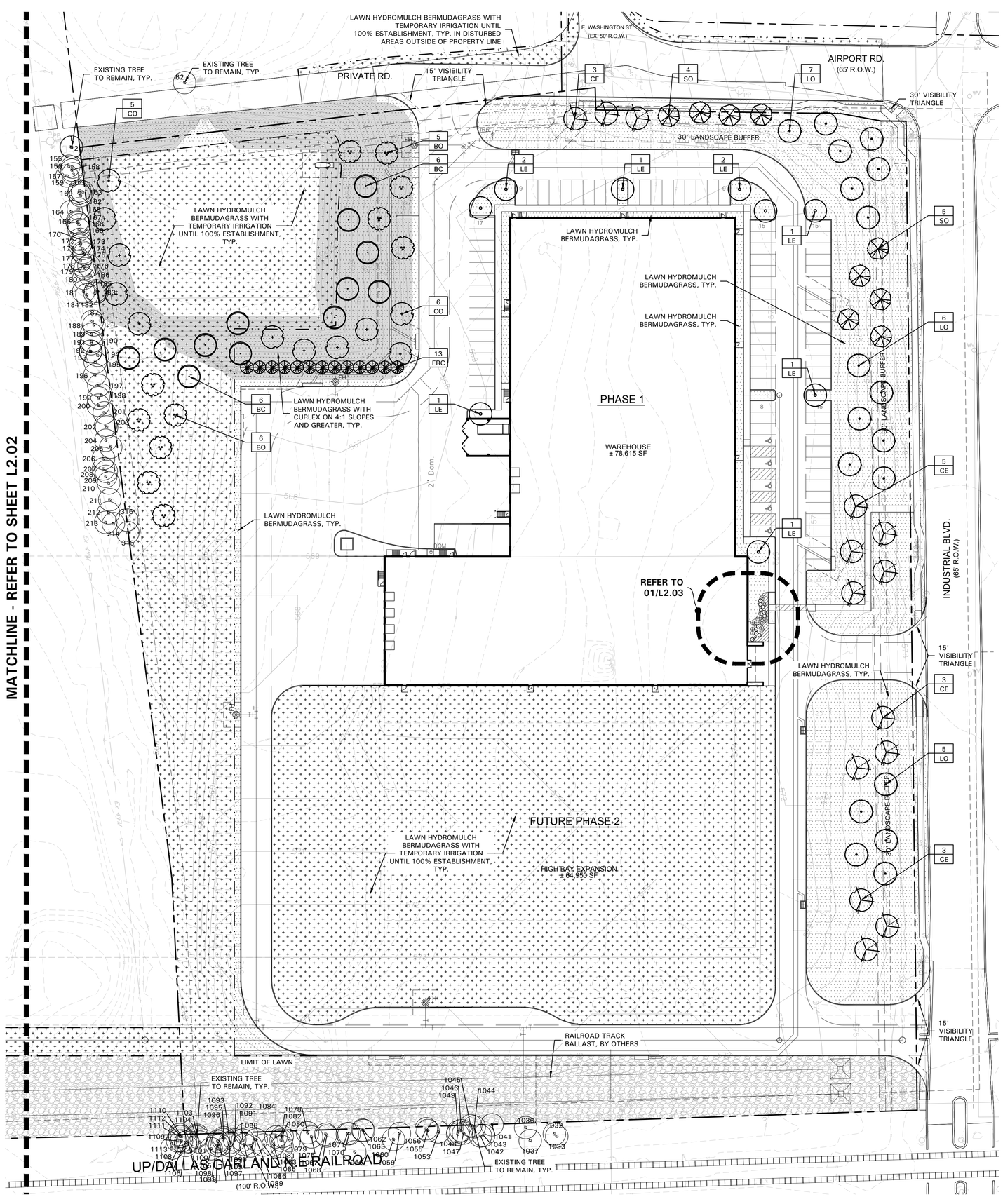

LANDSCAPE NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED SITE ELEMENTS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.
2. CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND UTILITIES.
3. CONTRACTOR SHALL PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
4. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL 3" BELOW FINAL FINISHED GRADE IN PLANTING AREAS AND 1" BELOW FINAL FINISHED GRADE IN LAWN AREAS.
5. ALL PLANTING BEDS AND LAWN AREAS SHALL BE SEPARATED BY STEEL EDGING. NO STEEL EDGING SHALL BE INSTALLED ADJACENT TO BUILDINGS, WALKS, OR CURBS. CUT STEEL EDGING AT 45 DEGREE ANGLE WHERE IT INTERSECTS WALKS AND CURBS.
6. TOP OF MULCH SHALL BE 1/2" MINIMUM BELOW THE TOP OF WALKS AND CURBS.
7. ALL LAWN AREAS SHALL BE HYDROMULCH BERMUDAGRASS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
8. ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS AND EVAPOTRANSPIRATION (ET) WEATHER-BASED CONTROLLERS AND SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALLED BY A LICENSED IRRIGATOR.
9. CONTRACTOR SHALL PROVIDE BID PROPOSAL LISTING UNIT PRICES FOR ALL MATERIAL PROVIDED.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.

MAINTENANCE NOTES

1. THE OWNER, TENANT AND THEIR AGENT, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE.
2. ALL LANDSCAPE SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS SHALL INCLUDE MOWING, EDGING, PRUNING, FERTILIZING, WATERING, WEEDING AND OTHER SUCH ACTIVITIES COMMON TO LANDSCAPE MAINTENANCE.
3. ALL LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS AND OTHER SUCH MATERIAL OR PLANTS NOT PART OF THIS PLAN.
4. ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR.
5. ALL PLANT MATERIAL WHICH DIES SHALL BE REPLACED WITH PLANT MATERIAL OF EQUAL OR BETTER VALUE.
6. CONTRACTOR SHALL PROVIDE SEPARATE BID PROPOSAL FOR ONE YEAR'S MAINTENANCE TO BEGIN AFTER FINAL ACCEPTANCE.

LANDSCAPE TABULATIONS

THE CITY OF ROCKWALL, TEXAS

STREET LANDSCAPING
1. 10' wide landscape buffer with one tree per 50 l.f.

INDUSTRIAL BLVD.: 789 l.f.

Required	Provided
(16) trees, 3" cal.	(16) trees, 4" cal.

AIRPORT RD.: 248 l.f.

Required	Provided
(5) trees, 3" cal.	(5) trees, 4" cal.

PARKING LOT LANDSCAPING
1. 5% of the interior parking lot shall be landscape.
2. One (1) tree for every ten (10) parking spaces.
3. All parking spaces shall be a minimum eighty (80) feet from a tree.

Total interior parking lot area: 38,589 s.f.
Total parking spaces: 88 spaces

Required	Provided
1,930 s.f. (5%)	3,164 s.f. (8%)
(9) trees	(9) trees

SITE LANDSCAPING
1. 10% of the total site shall be landscaped for LIGHT INDUSTRIAL.
2. 100% of the total requirements shall be located in the front of and along side buildings for LIGHT INDUSTRIAL.

Total site: 11.37 AC; 495,340 s.f.

Required	Provided
49,544 s.f. (10%)	263,091 s.f. (53%)
49,544 s.f. (100%)	168,824 s.f.

DETENTION BASIN REQUIREMENTS
1. A minimum of one (1) tree for every 750 s.f. of dry land area.

Dry Land Area: 11,107 s.f.

Required	Provided
(15) trees	(15) trees

PLANT LEGEND

SYMBOL	COMMON NAME
AB	Dwarf Abelia 'Edward Goucher'
AN	Andorra Juniper
BC	Bald Cypress
BO	Bur Oak
CE	Cedar Elm
CO	Chinkapin Oak
ERC	Eastern Redcedar
IH	Indian Hawthorne 'Clara'
LE	Lacebark Elm
LO	Live Oak
MFG	Mexican Feathergrass
SO	Shumard Red Oak

REFER TO L2.03 FOR PLANT LIST

GENERAL LAWN NOTES

1. CONTRACTOR SHALL COORDINATE OPERATIONS AND AVAILABILITY OF EXISTING TOPSOIL WITH ON-SITE CONSTRUCTION MANAGER.
2. CONTRACTOR SHALL LEAVE LAWN AREAS 1" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
3. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
4. ALL LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER OR LANDSCAPE ARCHITECT PRIOR TO LAWN INSTALLATION.
5. CONTRACTOR SHALL REMOVE ALL ROCKS 3/4" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
6. CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION.
7. CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.

SOLID SOD NOTES

1. PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY. ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
2. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
3. WATER SOD THOROUGHLY AS SOD OPERATION PROGRESSES.
4. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVER-SEED BERMUDAGRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

HYDROMULCH NOTES

1. CONTRACTOR SHALL SCARIFY, RIP AND LOOSEN ALL AREAS TO BE HYDROMULCHED TO A MINIMUM DEPTH OF 4" PRIOR TO TOPSOIL AND HYDROMULCH INSTALLATION.
2. BERMUDAGRASS SEED SHALL BE EXTRA HULLED AND TREATED LAWN TYPE, SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL MEET STATE LAW REQUIREMENTS.
3. FIBER SHALL BE ONE HUNDRED PERCENT (100%) WOOD CELLULOSE FIBER, DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AS MANUFACTURED BY 'CONWEB' OR EQUAL.
4. FIBER TACK SHALL BE DELIVERED TO THE SITE IN ITS ORIGINAL UNOPENED CONTAINER AND SHALL BE 'TERRO-TACK ONE', AS MANUFACTURED BY GROWERS, INC. OR EQUAL.
5. HYDROMULCH WITH BERMUDAGRASS SEED AT A RATE OF TWO (2) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.
6. USE A 4'X8' BATTER BOARD AGAINST ALL BED AREAS.
7. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MAY 1, ALL HYDROMULCH AREAS TO BE WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. CONTRACTOR SHALL BE REQUIRED TO RE-HYDROMULCH WITH BERMUDAGRASS THE FOLLOWING GROWING SEASON AS PART OF THIS CONTRACT.
8. ALL LAWN AREAS TO BE HYDROMULCHED SHALL BE ESTABLISHED AT A MINIMUM OF ONE (1) INCH AND AT A MINIMUM COVERAGE OF SEVENTY-FIVE (75%) PERCENT FOR DISTURBED AREAS PRIOR TO THE RELEASE OF A CERTIFICATE OF OCCUPANCY (CO).

CITY OF ROCKWALL NOTES

1. **NO TREES WITHIN 5'-0" OF ANY UTILITIES**
2. **IRRIGATION SYSTEM WILL MEET REQUIREMENTS IN THE UDC**

KEY MAP

SCALE: 1" = 700'

SCALE: 1" = 40'-0"
0 20 40 80

LANDSCAPE PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS
	03/04/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
03/04/19

pross design group, incorporated
5510 Harvest Hill Road, Suite 160, Dallas, Texas 75230. 972/759-1400

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SPR NORTH
ROCKWALL, TEXAS

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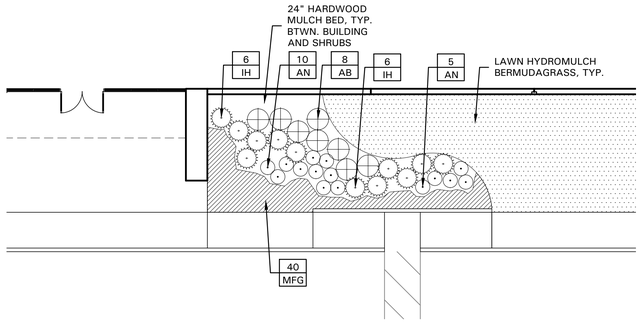

01 SOUTHEAST ENTRANCE
SCALE: 1" = 10'-0"

PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
	TREES				
BC	*Taxodium distichum*	Bald Cypress	12	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
BO	*Quercus macrocarpa*	Bur Oak	11	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
CE	*Ulmus crassifolia*	Cedar Elm	14	4" cal.	B&B, 15' ht., 5' spread, 5' branching ht., matching
CO	*Quercus muehlenbergii*	Chinkapin Oak	11	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
ERC	*Juniperus virginiana*	Eastern Redcedar	132	3" cal.	B&B or container grown, full to base, 3' spread, 7' ht. min.
LE	*Ulmus parvifolia 'Sempervirens'*	Lacebark Elm	9	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
LO	*Quercus virginiana*	Live Oak	107	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
SO	*Quercus shumardii*	Shumard Red Oak	9	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
	SHRUBS/GROUNDCOVER				
AB	*Abelia grandiflora 'Edvard Goucher'*	Dwarf Abelia 'Edvard Goucher'	8	5 gal.	container full, 24" spread, 36" o.c.
AN	*Juniperus tobira 'Andorra'*	Andorra Juniper	15	5 gal.	container full, 20" spread, 24" o.c.
IH	*Raphiolepsis indica 'Clara'*	Indian Hawthorne 'Clara'	12	5 gal.	container full, 20" spread, 36" o.c.
MFG	*Nassella tenuissima*	Mexican Feathergrass	40	1 gal.	container full, 24" o.c.
	Cynodon dactylon	Common Bermudagrass			refer to notes

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.
PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.
ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

PLANT LIST BY OTHERS

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
	TREES				
ERC	*Juniperus virginiana*	Eastern Redcedar	108	3" cal.	B&B or container grown, full to base, 3' spread, 7' ht. min.

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.
PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.
ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

SITE DATA:

CURRENT ZONING:	(LI) LIGHT INDUSTRIAL	
PROPOSED LAND USE:	OFFICE, WAREHOUSE, MANUFACTURING	
TOTAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
WAREHOUSE:	68,465	SF
FUTURE WAREHOUSE:	74,750	SF
TOTAL:	143,215	SF
PARKING:		
REQUIRED:		
WAREHOUSE (1 SPACE/1000 SF):	68	SPACES
FUTURE WAREHOUSE (1 SPACE/100SF):	75	SPACES
TOTAL REQUIRED:	143	SPACES
PROVIDED:	86	SPACES
FUTURE PROVIDED:	79	SPACES
TOTAL PROVIDED:	165	SPACES
ACCESSIBLE SPACES PROVIDED:	5	SPACES
*SPACES ARE INCLUDED IN TOTAL ABOVE		

LANDSCAPE ENLARGEMENT PLAN

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

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drawn: NAY
checked KAH
date: 01/15/19

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS
	03/04/19	CITY COMMENTS

REGISTERED LANDSCAPE ARCHITECT
KRISTI ANN HUNT
2246
STATE OF TEXAS
03/04/19

pross design group, incorporated
5310 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/755-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

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SECTION 32 9300 - LANDSCAPE

PART 1 - GENERAL

1.1 REFERENCED DOCUMENTS

A. Refer to Landscape Plans, notes, details, bidding requirements, special provisions, and schedules for additional requirements.

1.2 DESCRIPTION OF WORK

A. Work included: Furnish all supervision, labor, materials, services, equipment and appliances required to complete the work covered in conjunction with the landscaping covered in these specifications and landscaping plans, including:

1. Planting (trees, shrubs and grasses)
2. Bed preparation and fertilization
3. Notification of sources
4. Water and maintenance until final acceptance
5. Guarantee

1.3 REFERENCE STANDARDS

A. American Standard for Nursery Stock published by American Association of Nurserymen: 27 October 1980, Edition; by American National Standards Institute, Inc. (Z60.1) – plant material

B. American Joint Committee on Horticultural Nomenclature: 1942 Edition of Standardized Plant Names.

C. Texas Association of Nurserymen, Grades and Standards

D. Hortis Third, 1976 - Cornell University

1.4 NOTIFICATION OF SOURCES AND SUBMITTALS

A. Samples: Provide representative quantities of sandy loam soil, mulch, bed mix material, gravel, crushed stone, steel edging and tree stakes. Samples shall be approved by Owner's Authorized Representative before use on the project.

1.5 JOB CONDITIONS

A. General Contractor to complete the following punch list: Prior to Landscape Contractor initiating any portion of landscape installation, General Contractor shall leave planting bed areas three (3") inches below final finish grade of sidewalks, drives and curbs as shown on the drawings. All lawn areas to receive solid sod shall be left one (1") inch below the final finish grade of sidewalks, drives and curbs. All construction debris shall be removed prior to Landscape Contractor beginning any work.

B. Storage of materials and equipment at the job site will be at the risk of the Landscape Contractor. The Owner cannot be held responsible for theft or damage.

1.6 MAINTENANCE AND GUARANTEE

A. Maintenance:

1. The Landscape Contractor shall be held responsible for the maintenance of all work from the time of planting until final acceptance by the Owner. No trees, shrubs, groundcover or grass will be accepted unless they show healthy growth and satisfactory foliage conditions.
2. Maintenance shall include watering of trees and plants, cultivation, weeding spraying, edging, pruning of trees, mowing of grass, cleaning up and all other work necessary of maintenance.
3. A written notice requesting final inspection and acceptance should be submitted to the Owner at least seven (7) days prior to completion. An on-site inspection by the Owner's Authorized Representative will be completed prior to written acceptance.

B. Guarantee:

1. Trees, shrubs and groundcover shall be guaranteed for a twelve (12) month period after final acceptance. The Contractor shall replace all dead materials as soon as weather permits and upon notification of the Owner. Plants, including trees, which have partially died so that shape, size, or symmetry have been damaged, shall be considered subject to replacement. In such cases, the opinion of the Owner shall be final.

   a. Plants used for replacement shall be of the same size and kind as those originally planted and shall be planted as originally specified. All work, including materials, labor and equipment used in replacements, shall carry a twelve (12) month guarantee. Any damage, including ruts in lawn or bed areas, incurred as a result of making replacements shall be immediately repaired.

   b. At the direction of the Owner, plants may be replaced at the start of the next year's planting season. In such cases, dead plants shall be removed from the premises immediately.

   c. When plant replacements are made, plants, soil mix, fertilizer and mulch are to be utilized as originally specified and re-inspected for full compliance with the contract requirements. All replacements are to be included under "Work" of this section.

2. The Owner agrees that for the guarantee to be effective, he will water plants at least twice a week during dry periods and cultivate beds once a month after final acceptance.

3. The above guarantee shall not apply where plants die after acceptance because of injury from storms, hail, freeze, insects, diseases, injury by humans, machines or theft.

4. Acceptance for all landscape work shall be given after final inspection by the Owner provided the job is in a complete, undamaged condition and there is a stand of grass in all lawn areas. At that time, the Owner will assume maintenance on the accepted work.

C. Repairs: Any necessary repairs under the Guarantee must be made within ten (10) days after receiving notice, weather permitting. In the event the Landscape Contractor does not make repairs accordingly, the Owner, without further notice to Contractor, may provide materials and men to make such repairs at the expense to the Landscape Contractor.

1.7 QUALITY ASSURANCE

A. General: Comply with applicable federal, state, county and local regulations governing landscape materials and work.

B. Personnel: Employ only experienced personnel who are familiar with the required work. Provide full time supervision by a qualified foreman acceptable to Landscape Architect.

C. Selection of Plant Material:
1. Make contact with suppliers immediately upon obtaining notice of contract acceptance to select and book materials. Develop a program of maintenance (pruning and fertilization) which will ensure the purchased materials will meet and / or exceed project specifications.

2. Substitutions: Do not make plant material substitutions. If the specified landscape material is not obtainable, submit proof of non-availability to Landscape Architect, together with proposal for use of equivalent material. At the time bids are submitted, the Contractor is assumed to have located the materials necessary to complete the job as specified.

3. Landscape Architect will provide a key identifying each tree location on site. Written verification will be required to document material selection, source and delivery schedules to site.

4. Measurements: Measure trees with branches and trunks or canes in their normal position. Do not prune to obtain required sizes. Take caliper measurements six inches above ground for trees up to and including 4" caliper size, and twelve inches above ground for larger sizes. Measure main body of all plant material of height and spread dimensions, do not measure from branch or root tip-to-tip.

5. Owner's Authorized Representative shall inspect all plant material with requirements for genus, species, cultivar / variety size and quality.

6. Owner's Authorized Representative retains the right to further inspect all plant material upon arrival to the site and during installation for size and condition of root balls and root systems, limbs, branching habit, insects, injuries and latent defects.

7. Owner's Authorized Representative may reject unsatisfactory or defective material at any time during the process work. Remove rejected materials immediately from the site and replace with acceptable material at no additional cost to the Owner. Plants damaged in transit or at job site shall be rejected.

1.8 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Preparation:

1. Balled and Burlapped (B&B) Plants: Dig and prepare shipment in a manner that will not damage roots, branches, shape and future development.

2. Container Grown Plants: Deliver plants in rigid container to hold ball shape and protect root mass.

B. Delivery:

1. Deliver packaged materials in sealed containers showing weight, analysis and name of manufacturer. Protect materials from deterioration during delivery and while stored on site.

2. Deliver only plant materials that can be planted in one day unless adequate storage and watering facilities are available on job site.

3. Protect root balls by heeling in with sawdust or other approved moisture retaining material if not planted within 24 hours of delivery.

4. Protect plants during delivery to prevent damage to root balls or desiccation of leaves. Keep plants moist at all times. Cover all materials during transport.

5. Notify Owner's Authorized Representative of delivery schedule 72 hours in advance job site.

6. Remove rejected plant material immediately from job site.

7. To avoid damage or stress, do not lift, move, adjust to plumb, or otherwise manipulate plants by trunk or stems.

PART 2 - PRODUCTS

2.1 PLANTS

A. General: Well-formed No. 1 grade or better nursery grown stock. Listed plant heights are from tops of root balls to nominal tops of plants. Plant spread refers to nominal outer width of the plant, not to the outer leaf tips. Plants will be individually approved by the Owner's Authorized Representative and his decision as to their acceptability shall be final.

B. Quantities: The drawings and specifications are complimentary. Anything called for on one and not the other is as binding as if shown and called for on both. The plant schedule is an aid to bidders only. Confirm all quantities on plan.

C. Quality and size: Plant materials shall conform to the size given on the plan, and shall be healthy, symmetrical, well-shaped, full branched and well rooted. The plants shall be free from injurious insects, diseases, injuries to the bark or roots, broken branches, objectionable disfigurements, insect eggs and larvae, and are to be of specimen quality.

D. Approval: All plants which are found unsuitable in growth, or are in any unhealthy, badly shaped or undersized condition will be rejected by the Owner's Authorized Representative either before or after planting and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plant as specified at no additional cost to the Owner.

E. Trees shall be healthy, full-branched, well-shaped, and shall meet the minimum trunk and diameter requirements of the plant schedule. Balls shall be firm, neat, slightly tapered and well wrapped in burlap. Any tree loose in the ball or with a broken root ball at time of planting will be rejected. Balls shall be ten (10") inches in diameter for each one (1") inch of trunk diameter, measured six (6") inches above ball. (Nomenclature confirms to the customary nursery usage. For clarification, the term "multi-trunk" defines a plant having three (3) or more trunks of nearly equal diameter.)

F. Pruning: All pruning of trees and shrubs, as directed by the Landscape Architect prior to final acceptance, shall be executed by the Landscape Contractor at no additional cost to the Owner.

2.2 SOIL PREPARATION MATERIALS

A. Sandy Loam:

1. Friable, fertile, dark, loamy soil, free of clay lumps, subsoil, stones and other extraneous material and reasonably free of weeds and foreign grasses. Loam containing Dallasgrass or Nutgrass shall be rejected.

2. Physical properties as follows:
   a. Clay – between 7-27 percent
   b. Silt – between 15-25 percent
   c. Sand – less than 52 percent

3. Organic matter shall be 3%-10% of total dry weight.

4. If requested, Landscape Contractor shall provide a certified soil analysis conducted by an approved soil testing laboratory verifying that sandy loam meets the above requirements.

B. Organic Material: Compost with a mixture of 80% vegetative matter and 20% animal waste. Ingredients should be a mix of course and fine textured material.

C. Premixed Bedding Soil as supplied by Vital Earth Resources, Gladewater, Texas; Professional Bedding Soil as supplied by Living Earth Technology, Dallas, Texas or Acid Gro Municipal Mix as supplied by Soil Building Systems, Dallas, Texas or approved equal.

D. Sharp Sand: Sharp sand must be free of seeds, soil particles and weeds.

E. Mulch: Double Shredded Hardwood Mulch, partially decomposed, dark brown. Living Earth Technologies or approved equal.

F. Organic Fertilizer: Fertilaid, Sustane, or Green Sense or equal as recommended for required applications. Fertilizer shall be delivered to the site in original unopened containers, each bearing the manufacturer's guaranteed statement of analysis.

G. Commercial Fertilizer: 10-20-10 or similar analysis. Nitrogen source to be a minimum 50% slow release organic Nitrogen (SCU or UF) with a minimum 8% sulfur and 4% iron, plus micronutrients.

H. Peat: Commercial sphagnum peat moss or partially decomposed shredded pine bark or other approved organic material.

2.3 MISCELLANEOUS MATERIALS

A. Steel Edging: All steel edging shall be 3/16" thick x 4" deep x 16' long with 6 stakes per section, painted black at the factory as manufactured by The J.D. Russell Company and under its trade name DURAEDGE Heavy Duty Steel.

B. Staking Material for Shade Trees: refer to details.

C. Gravel: Washed native pea gravel, graded 1 inch to 1-1/2 inch.

D. Filter Fabric: 'Mirafi Mirascape' by Mirafi Construction Products available at Lone Star Products, Inc., (469) 523-0444 or approved equal.

E. River Rock: 'Colorado' or native river rock, 2" - 4" dia.

F. Decomposed Granite: Base material shall consist of a natural material mix of granite aggregate not to exceed 1/8" diameter in size and shall be composed of various stages of decomposed earth base.

PART 3 - EXECUTION

3.1 BED PREPARATION & FERTILIZATION

A. Landscape Contractor to inspect all existing conditions and report any deficiencies to the Owner.

B. All planting areas shall be conditioned as follows:

1. Prepare new planting beds by scraping away existing grass and weeds as necessary. Till existing soil to a depth of six (6") inches prior to placing compost and fertilizer. Apply fertilizer as per Manufacturer's recommendations. Add six (6") inches of compost and till into a depth of six (6") inches of the topsoil. Apply organic fertilizer such as Sustane or Green Sense at the rate of twenty (20) pounds per one thousand (1,000) square feet.

2. All planting areas shall receive a two (2") inch layer of specified mulch.

3. Backfill for tree pits shall be as follows: Use existing top soil on site (use imported topsoil as needed) free from large clumps, rocks, debris, caliche, subsoils, etc., placed in nine (9") inch layers and watered in thoroughly.

C. Grass Areas:

1. Blocks of sod should be laid joint to joint (staggered joints) after fertilizing the ground first. Roll grass areas to achieve a smooth, even surface. The joints between the blocks of sod should be filled with topsoil where they are evidently gaped open, then watered thoroughly.

3.2 INSTALLATION

A. Maintenance of plant materials shall begin immediately after each plant is delivered to the site and shall continue until all construction has been satisfactorily accomplished.

B. Plant materials shall be delivered to the site only after the beds are prepared and areas are ready for planting. All shipments of nursery materials shall be thoroughly protected from the drying winds during transit. All plants which cannot be planted at once, after delivery to the site, shall be well protected against the possibility of drying by wind and Balls of earth of B & B plants shall be kept covered with soil or other acceptable material. All plants remain the property of the Contractor until final acceptance.

C. Position the trees and shrubs in their intended location as per plan.

D. Notify the Owner's Authorized Representative for inspection and approval of all positioning of plant materials.

E. Excavate pits with vertical sides and horizontal bottom. Tree pits shall be large enough to permit handling and planting without injury to balls of earth or roots and shall be of such depth that,when planted and settled, the crown of the plant shall bear the same relationship to the finish grade as it did to soil surface in original place of growth.

F. Shrub and tree pits shall be no less than twenty-four (24") inches wider than the lateral dimension of the earth ball and six (6") inches deeper than it's vertical dimension. Remove and haul from site all rocks and stones over three-quarter (¾") inch in diameter. Plants should be thoroughly moist before removing containers.

G. Dig a wide, rough sided hole exactly the same depth as the height of the ball, especially at the surface of the ground. The sides of the hole should be rough and jagged, never slick or glazed.

H. Percolation Test: Fill the hole with water. If the water level does not percolate within 24 hours, the tree needs to move to another location or have drainage added. Install a PVC stand pipe per tree planting detail as approved by the Landscape Architect if the percolation test fails.

I. Backfill only with 5 parts existing soil or sandy loam and 1 part bed preparation. When the hole is dug in solid rock, topsoil from the same area should not be used. Carefully settle by watering to prevent air pockets. Remove the burlap from the top ⅓ of the ball, as well as all nylon, plastic string and wire. Container trees will usually be root bound, if so follow standard nursery practice of 'root scoring'.

J. Do not wrap trees.

K. Do not over prune.

L. Mulch the top of the ball. Do not plant grass all the way to the trunk of the tree. Leave the area above the top of the ball and mulch with at least two (2") inches of specified mulch.

M. All plant beds and trees to be mulched with a minimum settled thickness of two (2") inches over the entire bed or pit.

N. Obstruction below ground: In the event that rock, or underground construction work or obstructions are encountered in any plant pit excavation work to be done under this section, alternate locations may be selected by the Owner. Where locations cannot be changed, the obstructions shall be removed to a depth of not less than three (3') feet below grade and no less than six (6") inches below the bottom of ball when plant is properly set at the required grade. The work of this section shall include the removal from the site of such rock or underground obstructions encountered at the cost of the Landscape Contractor.

O. Trees and large shrubs shall be staked as site conditions require. Position stakes to secure trees against seasonal prevailing winds.

P. Pruning and Mulching: Pruning shall be directed by the Landscape Architect and shall be pruned in accordance with standard horticultural practice following Fine Pruning, Class I pruning standards provided by the National Arborist Association.

1. Dead wood, suckers, broken and badly bruised branches shall be removed. General tipping of the branches is not permitted. Do not cut terminal branches.
2. Pruning shall be done with clean, sharp tools.
3. Immediately after planting operations are completed, all tree pits shall be covered with a layer of organic material two (2") inches in depth. This limit of the organic material for trees shall be the diameter of the plant pit.

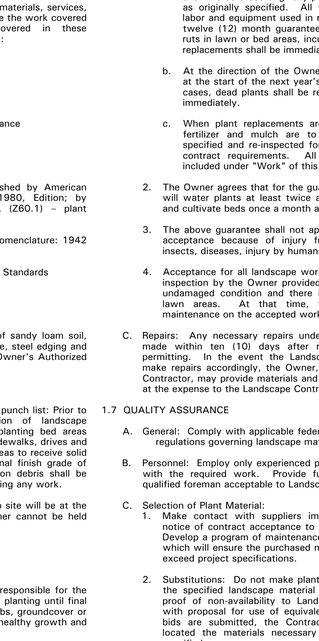
Q. Steel Curbing Installation:

1. Curbing shall be aligned as indicated on plans. Stake out limits of steel curbing and obtain Owners approval prior to installation.
2. All steel curbing shall be free of kinks and abrupt bends.
3. Top of curbing shall be ½" maximum height above final finished grade.
4. Stakes are to be installed on the planting bed side of the curbing, as opposed to the grass side.
5. Do not install steel edging along sidewalks or curbs.
6. Cut steel edging at 45 degree angle where edging meets sidewalks or curbs.

3.3 CLEANUP AND ACCEPTANCE

A. Cleanup: During the work, the premises shall be kept neat and orderly at all times. Storage areas for all materials shall be so organized so that they, too, are neat and orderly. All trash and debris shall be removed from the site as work progresses. Keep paved areas clean by sweeping or hosing them at end of each work day.

END OF SECTION



01 TREE PLANTING DETAIL
NOT TO SCALE

TREE PLANTING DETAIL LEGEND AND NOTES

A. TREE: TREES SHALL CONFORM WITH LATEST AMERICAN STANDARD FOR NURSERY STOCK. www.anla.org

B. TREE PIT: WIDTH TO BE AT LEAST TWO (2) TIMES THE DIAMETER OF THE ROOT BALL CENTER TREE IN HOLE & REST ROOT BALL ON UNDISTURBED NATIVE SOIL.

C. ROOT BALL: REMOVE TOP ⅓ BURLAP AND ANY OTHER FOREIGN OBJECT; CONTAINER GROWN STOCK TO BE INSPECTED FOR GIRDLING ROOTS.

D. ROOT FLARE: ENSURE THAT ROOT FLARE IS EXPOSED, FREE FROM MULCH, AND AT LEAST TWO INCHES ABOVE GRADE. TREES SHALL BE REJECTED WHEN GIRDLING ROOTS ARE PRESENT & ROOT FLARE IS NOT APPARENT.

E. ROOTBALL ANCHOR RING: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. PLACE ROOTBALL ANCHOR RING ON BASE OF ROOTBALL, TRUNK SHOULD BE IN THE CENTER OF THE RING.

F. ROOT ANCHOR BY TREE STAKE SOLUTIONS.

G. NAIL STAKE: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. INSTALL NAIL STAKES WITH HAMMER OR MALLET FIRMLY INTO UNDISTURBED GROUND. DRIVE NAIL STAKES FLUSH WITH "U" BRACKET ADJACENT TO ROOTBALL (DO NOT DISTURB ROOTBALL).

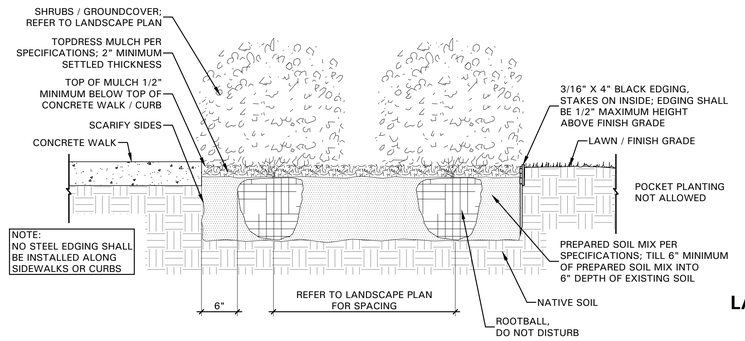
H. BACKFILL: USE EXISTING NATIVE SOIL (no amendments) WATER THOROUGHLY TO ELIMINATE AIR POCKETS.

I. MULCH: DOUBLE SHREDDED HARDWOOD MULCH 2 INCH SETTLED THICKNESS, WITH 2" HT. WATERING RING; ENSURE THAT ROOT FLARE IS EXPOSED. BELOW GROUND STAKE SHOULD NOT BE VISIBLE.

J. TREE STAKES:
TREE STAKE SOLUTIONS 'SAFETY STAKE' BELOW GROUND MODEL AVAILABLE FROM:
Tree Stake Solutions
ATTN: Jeff Tuley
(903) 676-6143
jeff@treestakesolutions.com
www.treestakesolutions.com

OR APPROVED EQUAL. TREES SHALL BE STAKED BELOW GROUND WHERE NECESSARY; ABOVE GROUND STAKING IS EXPRESSLY PROHIBITED.

K. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY OF THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION OF TREE STAKES. CONTRACTOR SHALL ADHERE TO MANUFACTURER'S INSTALLATION GUIDELINES, SPECIFICATIONS, AND OTHER REQUIREMENTS FOR TREE STAKE INSTALLATION.



02 SHRUB / GROUNDCOVER DETAIL
NOT TO SCALE

LANDSCAPE SPECIFICATIONS AND DETAILS

BELLE FIRMA
4245 North Central Expy
Suite 501
Dallas, Texas 75205
214.865.7192 office

#	DATE	DESCRIPTION
	02/14/19	CITY COMMENTS
	03/04/19	CITY COMMENTS

drawn: NAY
checked KAH
date: 01/15/19

REGISTERED LANDSCAPE ARCHITECT
KRISTIANN HUNT
2246
STATE OF TEXAS
03/04/19

pross design group, incorporated
5510 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no
sheet
L2.04

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$TIME$
$DATE$
$FILE$

D-Series Size 1
LED Area Luminaire

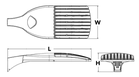
dsxw1 LED

Catalog Number
Notes
Type

Hit the tab key or mouse over this page to see all interactive elements.

Specifications

EPA: 1.07 ft² (0.09 m²)
Length: 33" (83.8cm)
Width: 13" (33cm)
Height: 7-1/2" (19cm)
Weight (max): 27 lbs (12.1kg)



A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency.
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability.
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility and seamless commissioning, when ordered with drivers and control options marked by a shaded background.

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM® node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

A+ Capable options indicated by fifth pink background.

Ordering Information

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA DDBXD

DSX1LED									
Series	LEDs	Color temperature	Distribution	Voltage	Mounting	Control options	Other options	Finish
DSX1 LED	**Forward optics** P1 P4 P7 P2 P5 P8 P3 P6 P9 **Rotated optics** P10² P12² P11² P13²	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium T4W Type IV wide T5FT Forward Throw medium T5VS Type V very short	T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control[3] LCCO Left corner cutoff[3] RCCO Right corner cutoff[3]	MVOLT[4,5] 120³ 208[4,5] 240[4,5] 277[4,5] 347[4,5] 480[4,5]	**Shipped included** SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor[6] RPUMBA Round pole universal mounting adaptor[6] **Shipped separately** KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)[7]	**Shipped included** PE Photoelectric cell, button type[8] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, +15' mtg ht.[9] PIR1 180° motion/ambient light sensor, 15-30' mtg ht.[9] PIRH1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc[9] PIR1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[9] ELCW Emergency battery backup (includes external component enclosure), non-CEC compliant[10]	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Control options	Other options	Finish (required)
Shipped included NLTAIR2 nLight AIR generation 2 enabled[11] PER NEMA twist-lock receptacle only (controls ordered separate)[12] PER5 Five-wire receptacle only (controls ordered separate)[12] PER7 Seven-wire receptacle only (controls ordered separate)[12] DMG 0-10V dimming extend out back of housing for external control (leads exit fixture) DS Dual switching[13,14] PIR 180° motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc[13,14,15] PIRH 180° motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[13,14,15] PIR1FC3V 180° motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 3fc[13,14,15]	PIRH1FC3V 180° motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[13,14,15] BL30 Bi-level switched dimming, 30% reduction[13,14,15] BL50 Bi-level switched dimming, 50% reduction[13,14,15] PNMTDD3 Part-night, dim 03 duration[13,14,15] PNMTD2 Part-night, dim 2 hrs[13,14,15] PNMTD5 Part-night, dim 5 hrs[13,14,15] PNMTD7 Part-night, dim 7 hrs[13,14,15] FAO Field adjustable output[16]	**Shipped included** HS Houseside shield[17] SF Single fuse (120, 277, 347V)[18] DF Double fuse (208, 240, 480V)[18] L90 Left-mount optics[19] R90 Right-mounted optics[19] **Shipped separately** BS Bird spikes[20] EGS External glare shield[20]	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

LITHONIA LIGHTING®
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DSXW1 LED
Rev. 01/26/16
Page 1 of 7

D-Series Size 1
LED Wall Luminaire

dsxw1 LED

Catalog Number
Notes
Type

Hit the tab key or mouse over this page to see all interactive elements.

Specifications

Luminaire
Width: 13-3/4" (34.9 cm)
Depth: 4" (10.2 cm)
Height: 6-3/8" (16.2 cm)
Weight: 12 lbs (5.4 kg)

Back Box (BBW, ELCW)
Width: 13-3/4" (34.9 cm)
Depth: 4" (10.2 cm)
Height: 6-3/8" (16.2 cm)
Weight: 5 lbs (2.3 kg)
ELCW Weight: 10 lbs (4.5 kg)

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED									
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options	Other Options	Finish
DSXW1 LED	1C 9LEDs (one engine) 2C 18 LEDs (two engines)[1]	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A)[1]	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium T4FT Forward Throw Medium AFTM Asymmetric diffuse	MVOLT[2] 120[3] 208[3] 240[3] 277[3] 347[3,4] 480[3,4]	**Shipped included** SURF Surface mounting bracket SRM Surface mounting bracket (for conduit entry)[5]	**Shipped included** PE Photoelectric cell, button type[6] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, +15' mtg ht.[7] PIRH 180° motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[7] PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 3fc[7] ELCW Emergency battery backup (includes external component enclosure), non-CEC compliant[8]	**Shipped installed** DBL Surface mounting bracket **Shipped separately** BBW Back box (for conduit entry)[9]	DDBTXD Dark bronze DBLBTXD Black DNATXD Natural aluminum DWHXD White DSSTXD Textured dark bronze DBLBTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Optics System	Finish (required)
Shipped installed SF Single fuse (120, 277 or 347V)[10] DF Double fuse (208, 240 or 480V)[10] HS House-side shield.[11] SPD Separate surge protection	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone

Shipped separately[12]
BSW Bird-deterrent spikes
WG Wire guard
VG Vandal guard
DDL Diffused drop lens

Accessories

Ordered and shipped separately.

DSXW1LL Square side-shield (one per light engine)
DSXW1BW Bird deterrent spikes
DSXW1WG Wire guard accessory
DSXW1VG Vandal guard accessory

NOTES
1. 2AC 1000 is not available with PE, PIRH, PIRH1FC3V or PIRH1FC3V.
2. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
4. Only available with 2AC, 700mA or 1000mA. Not available with PIR or PIRH.
5. Not available with HS. For use with 2 @ 90° arrangements. Must be ordered as a separate accessory.
6. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
7. Reference Motion Sensor table on page 3.
8. Not available with PE, PIR, PIRH. Not compatible with corelink wiring applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com.
9. Not available with ELCW.
10. Also available as a separate accessory see Accessories information.

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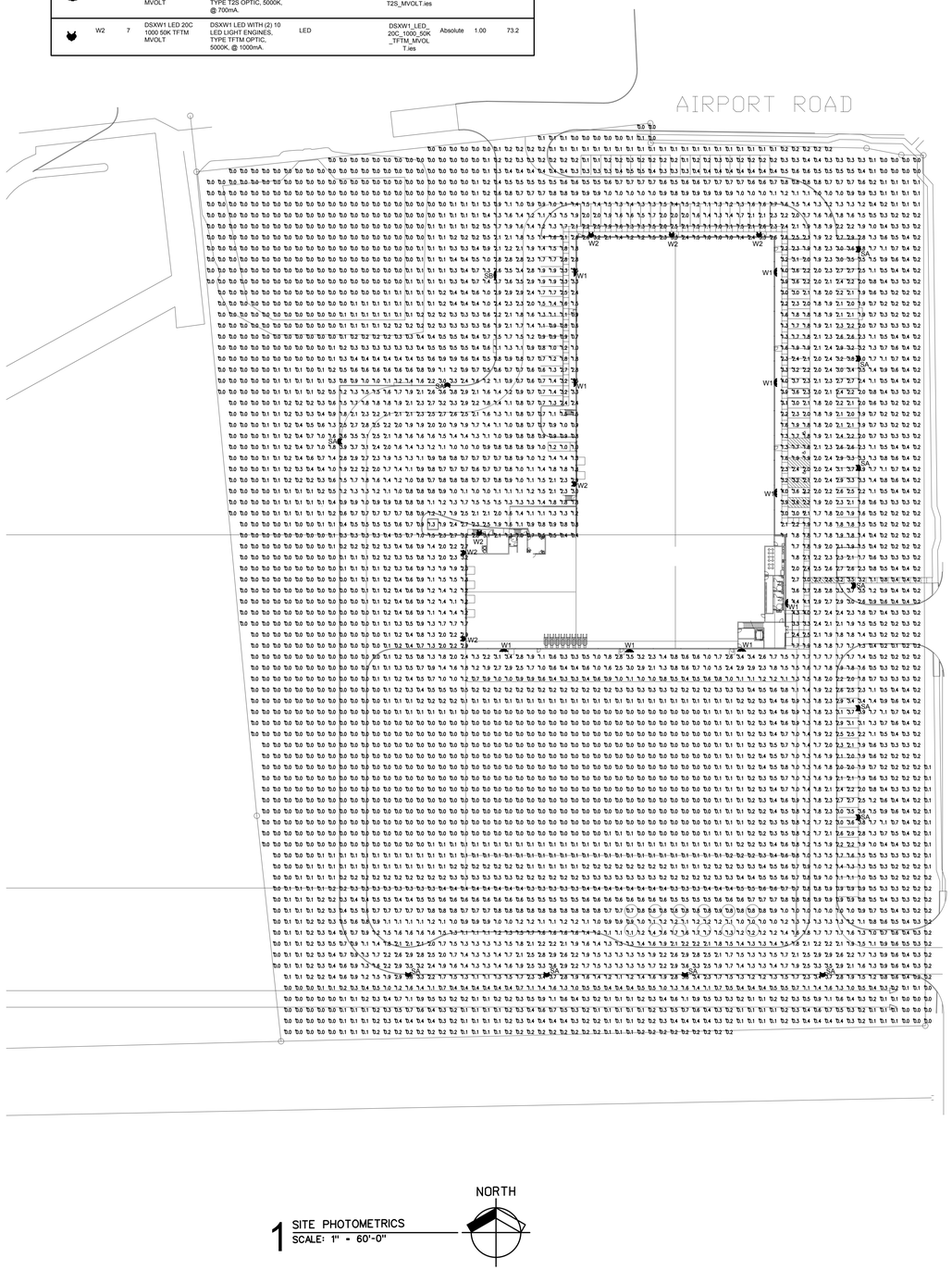
DSXW1 LED
Rev. 10/30/16

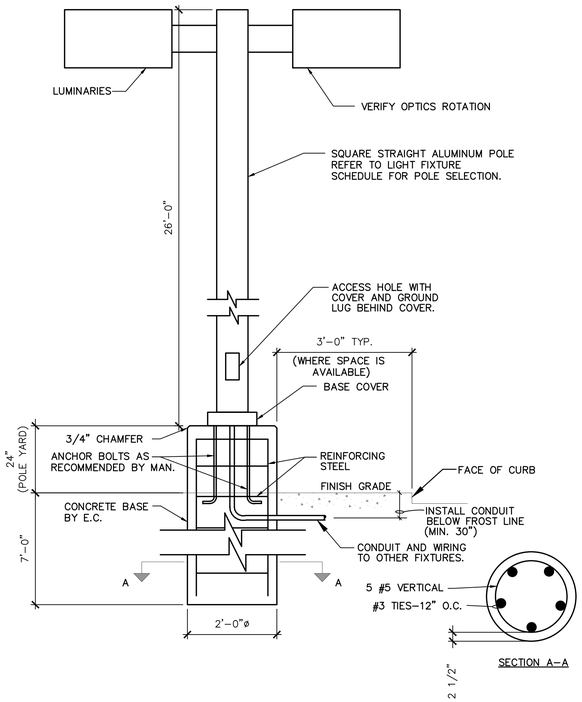
LUMINAIRE SCHEDULE								
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	SA	12	DSX1 LED P6 50K T4M MVOLT	DSX1 LED P6 50K T4M MVOLT	LED	DSX1_LED_P6_50K_T4M_MVOLT.ies	Absolute	1.00	163
	SB	1	DSX1 LED P6 50K T2M MVOLT	DSX1 LED P6 50K T2M MVOLT	LED	DSX1_LED_P6_50K_T2M_MVOLT.ies	Absolute	1.00	163
	W1	9	DSXW1 LED 20C 700 50K T2S MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T2S OPTIC, 5000K, @ 700mA.	LED	DSXW1_LED_20C_700_50K_T2S_MVOLT.ies	Absolute	1.00	45.7
	W2	7	DSXW1 LED 20C 1000 50K TFTM MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE TFTM OPTIC, 5000K, @ 1000mA.	LED	DSXW1_LED_20C_1000_50K_TFTM_MVOLT.ies	Absolute	1.00	73.2

STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #3	+	0.8 fc	4.4 fc	0.0 fc	N / A	N / A



1 SITE PHOTOMETRICS
SCALE: 1" = 60'-0"

NORTH



2 SITE LIGHTING ELEVATION
SCALE: NONE

drawn: JACOB SLIMP
checked PETER HILGER
date: 01.15.19

Peter A. Hilger, P.E.
5800 East Skelly Drive, Suite 1100
Tulsa, Oklahoma 74135
o: 918.749.3000
f: 918.749.3003

PRECISION ENGINEERING GROUP LLC F-13430

STATE OF TEXAS
PETER A. HILGER
103880
PROFESSIONAL ENGINEER

pdg
pross design group, incorporated
5310 Harvest Hill Road, Suite 190, Dallas, Texas 75230 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no

sheet
SE1.1

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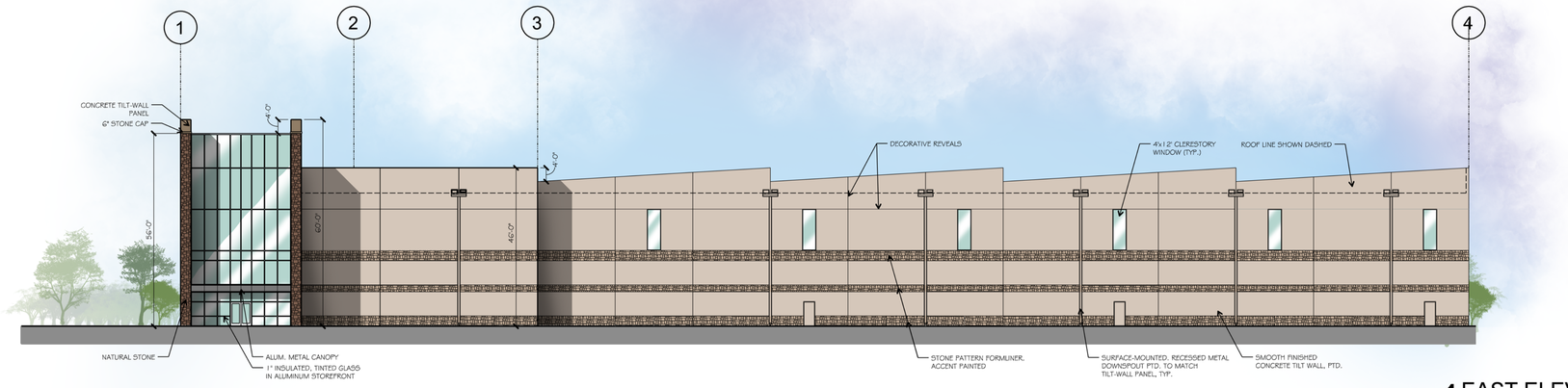
$TIME$
$DATE$
$FILE$

2 NORTH ELEVATION
SCALE: 1/16"=1'-0"

PAINT SCHEME LEGEND
A - BASE COLOR
SHERWIN WILLIAMS - SW9085 TOUCH OF SAND
B - ACCENT COLOR 01
SHERWIN WILLIAMS - SW 7518 BEACH HOUSE
C - ACCENT COLOR 02
SHERWIN WILLIAMS - SW 7550 RESORT TAN

FACADE MATERIAL CALCULATIONS					
		NORTH	SOUTH	EAST	WEST
1.	TOTAL FACADE SQ. FT.	14,007 FT²	14,217 FT²	17,016 FT²	17,201 FT²
2.	FACADE SQ. FT. EXCLUDING DOORS AND WINDOWS	13,520 FT²	14,145 FT²	15,090 FT²	15,442 FT²
3.	DOORS AND WINDOWS	487 FT²	72 FT²	1,926 FT²	1,759 FT²
4.	METAL SOFFIT	0 FT²	0 FT²	58 FT²	0 FT²
5.	PRIMARY MASONRY TOTALS	13,520 FT² 100% OF (2.)	14,145 FT² 100% OF (2.)	15,032 FT² 99.6% OF (2.)	15,442 FT² 100% OF (2.)



1 EAST ELEVATION
SCALE: 1/16"=1'-0"

drawn: SF
checked MARK W PROSS
date: 02/12/2019

#	DATE	DESCRIPTION

REGISTERED ARCHITECT MARK W. PROSS STATE OF TEXAS
EXPIRES: 08/31/2019

pdg
pross design group, incorporated
5510 Harvest Hill Road, Suite 180, Dallas, Texas 75230 972/789-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no 1850
sheet A3.0

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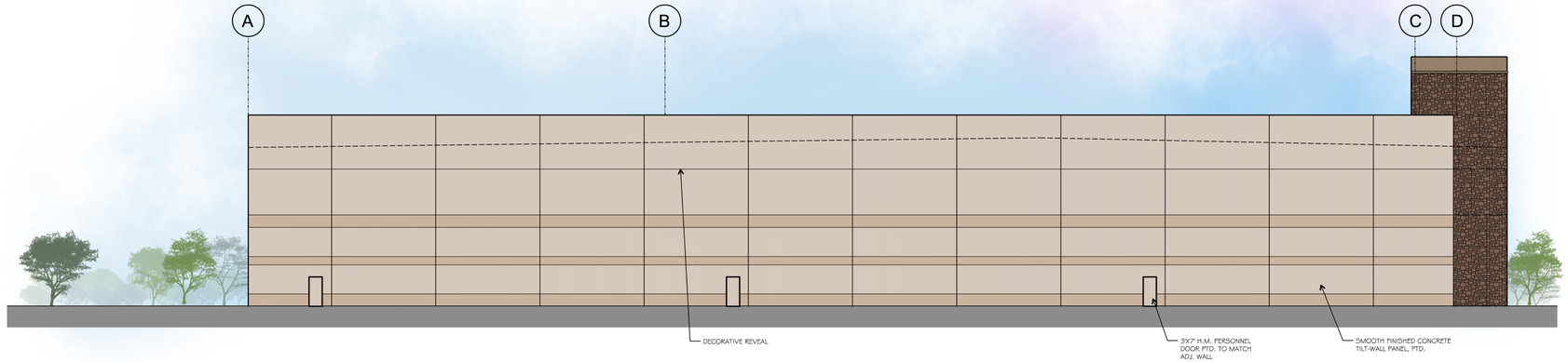
$TIME$
$DATE$
$FILE$



2 SOUTH ELEVATION
SCALE: 1/16"=1'-0"

PAINT SCHEME LEGEND
A - BASE COLOR
SHERWIN WILLIAMS - SW9085 TOUCH OF SAND
B - ACCENT COLOR 01
SHERWIN WILLIAMS - SW 7518 BEACH HOUSE
C - ACCENT COLOR 02
SHERWIN WILLIAMS - SW 7550 RESORT TAN

FACADE MATERIAL CALCULATIONS

		NORTH	SOUTH	EAST	WEST
1.	TOTAL FACADE SQ. FT.	14,007 FT²	14,217 FT²	17,016 FT²	17,201 FT²
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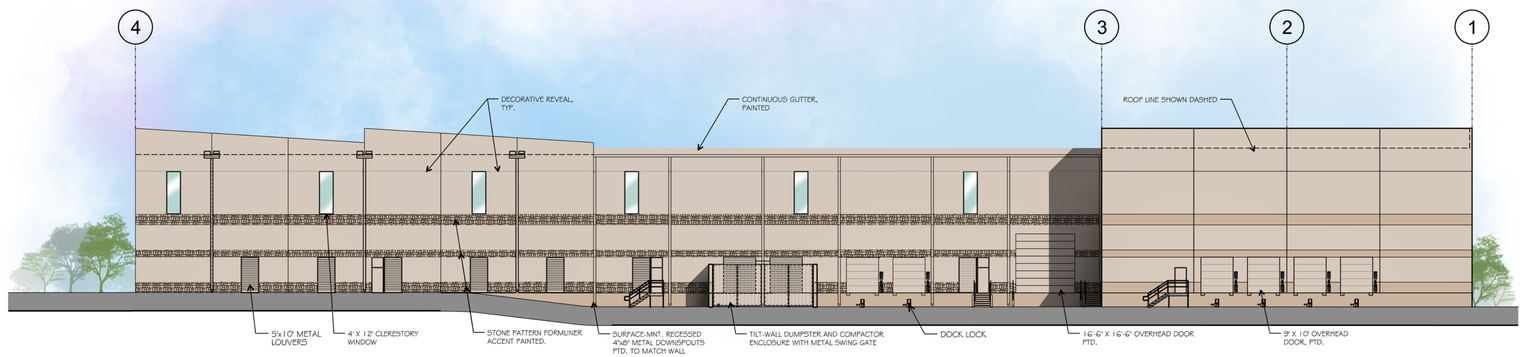
5.	PRIMARY MASONRY TOTALS	13,520 FT² 100% OF (2.)	14,145 FT² 100% OF (2.)	15,032 FT² 99.6% OF (2.)	15,442 FT² 100% OF (2.)



1 WEST ELEVATION
SCALE: 1/20"=1'-0"

#	DATE	DESCRIPTION

drawn: SF
checked MARK W PROSS
date: 02/12/2019

pross design group, incorporated
3510 Harvest Hill Road, Suite 180, Dallas, Texas 75230. 972/759-1400

SPR PACKAGING
SPR NORTH
ROCKWALL, TEXAS

job no 1850
sheet A3.1

Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

MEMORANDUM

TO:	David Gonzales Rockwall Planning & Zoning 385 S. Goliad Street Rockwall, Texas 75087	**DATE:**	3/05/2019
FROM:	Matthew Gardner, P.E.	**AVO:**	35533
EMAIL:	mgardner@halff.com		
SUBJECT:	**Comment Response 2 for SPR Packaging Site Plan (SP2019-004)**		

David-

See below for my response in red to each comment. Let me know if you have any questions.

Thank You

SPR Packaging Site Plan

Building – Russell McDowell
Status: Approved

Engineering – Sarah Hager
Comments:

- Work with Planning Department to get the "Private Road" abandoned.
  → Understood.
- Need to align with road where no ROW is needed along E Washington.
  → Proposed ROW taken away. Road works with existing ROW.
- Need to discuss the "Proposed 65' ROW." City doesn't maintain ROW for private developments.
  → Not what was intended. Note taken off.
- What is the line north of Airport Rd. (See markup)
  → Existing Right of Way line.
- Need pedestrian easement at the corner of Airport Rd and Industrial Blvd.
  → Added 10' Pedestrian Easement.
- Water line to be centered in 20' Easement.
  → Acknowledged and updated.
- All public water, sewer, and storm to have 10' spacing and 10' to easement lines. (See markup)
  → Updated.
- Drive entrances on Industrial Dr to be 9" 4200psi (7.5Sack) concrete to the ROW line.
  → Updated.
- Is the sewer line running along the front of the building, the private service?
  → Yes. Note added to specify.
- It is the City's understanding that the water line that runs along the south of the property is 12" not 8"as shown.
  → Updated plans to show 12" water line being installed.

Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

- Add the sack amount to the concrete specifications on the right of the page.
  → Updated.

The following items are for your review for engineering design.

- 4% Engineering Inspection Fees
  → Acknowledged.
- Impact fees.
  → Acknowledged.
- Flood Study is required. LOMR is required during construction.
  → Acknowledged.
- WOTUS study is required.
  → Acknowledged.
- Min 20' utility easements.
  → Acknowledged.
- No structures in easements.
  → Acknowledged.
- Fire lane easement to be on plat.
  → Acknowledged.
- Fire lane to be 24' wide with 20' radii or larger depending on height of building.
  → Noted.
- Parking to be 20'x9'
  → Noted.
- No dead-end parking.
  → Acknowledged.
- Driveway spacing must be labeled on Site Plan.
  → Updated.
- 12" water line available in Airport Rd. Must loop 8" waterline in site.
  → Water line is looped from Airport Road to the south side of Industrial Blvd. Proposed water line does not continue onsite parallel to Industrial Blvd. due to existing fire hydrants along Industrial Blvd.
- 8" sewer available east of property.
  → Noted.
- Dumpster area to drain to oil/water separator.
  → Noted & Updated.
- Must have detention. Manning's "c-value" is per zoning for the entire property.4:1max slope...no vertical walls allowed in detention easement
  → Acknowledged.
- Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for.
  → Acknowledged.
- No trees within 5' of public utilities.
  → Acknowledged.
- Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls.
  → Acknowledged.
- Pro-rata due for sewer($105.18/lf) if you tie sewer along Industrial.
  → Since we are removing and relocating the existing sewer, is this fee applicable?
- Must meet all City Engineering Standards.
  → Acknowledged.

Fire – Ariana Hargrove
Status: Approved

Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

GIS – Lance Singleton
Status: Approved

Planning – David Gonzales
Comments:

- Discuss and consider a request by Mark W. Pross of Pross Design Group, Inc. on behalf of Carolina Molina of Alvaplast US (SPR Packaging) for the approval of a site plan for a warehouse/manufacturing facility on a 11.3736-acre tract of land identified as Tract7 of the N.Butler Survey, Abstract No.20, City of Rockwall, Rockwall County, Texas, zoned Light Industrial (LI) District, situated at the terminus of Aluminum Plant Road, and take any action necessary.

- PLANNING AND ZONING 2nd ROUND COMMENTS-PHASE1ONLY(02.20.2019):
  The following staff comments(i.e.Phase1only)are to be addressed and resubmitted no later than Tuesday,March5,2019.Please provide two(2)large copies[24" X36"FOLDED]and one PDF version for a subsequent/final review by staff::

- CITY COUNCIL TO CONSIDER ALTERNATIVE TREE MITIGATION SETTLEMENT AGREEMENT
  1. Alternative tree mitigation settlement agreement in the amount of $49,125.00 (i.e.491.25inche mitigation) requires approval of the City Council.

- EXCEPTIONS FOR THE PLANNING AND ZONING COMMISSION TO CONSIDER FOR APPROVAL:
  1. The use of Tilt-Up Wall construction.
  2. For not meeting the minimum 20% stone requirement for each facade.
  3. For not meeting the Building Articulation standards of the Unified Development Code (UDC) for: a) Primary building facades and b) Secondary building facades.

- **Please address the following Planning Comments for each of the revised plans and resubmit by the date as requested for a subsequent/final review by staff:

  Site Plan:
  1. Overall Site Plan(aerial version & B&W site plan) -Label as "Future Expansion" on Phase2 portion and use a lighter gray scale to distinguish Phase2.
     → Updated.
  2. Correction needed: label all 24-ft access easement as "24-ft Firelane, Public Access, and Utility Easements".
     → Updated.
  3. Site Plan Data table: since this approval is for Phase1 only, please use a lighter gray scale for the future warehouse references and label as such.
     → Updated.
  4. Legend: quantities indicated to be approved by the engineering department.
     → Understood.
  5. As a note, I did not receive the letter for regarding parking; however, this is not required until Phase 2 site plan (if needed).
     → Note provided this time.
  6. Delineate and label the required minimum 10-ft Landscape Buffer along Industrial Blvd and Airport Road.
     → Landscape buffer added and called out.

Halff Associates, Inc.
1201 North Bowser Road
Richardson, Texas 75081
(214) 346-6200
Fax (214) 739-0095

Landscape Plan:

1. 10-ft Landscape Buffer along Industrial Blvd and Airport Road to have trees for each 50-ft linear feet of frontage. Move the necessary number of trees into the landscape buffer strip.
   → See Landscape Comment Response.
2. The use of hydromulch requires the hydromulch to be established at a minimum height of one (1) inch and at a minimum coverage of 75% for disturbed areas prior to the release of a Certificate of Occupancy (CO). Sod is preferred. Change Notes regarding the use of hydromulch to reflect the required standard or use sod.
   → See Landscape Comment Response.

Photometric Plan:

1. Based on the revised plan, it meets the minimum standards per the Unified Development Code.

Building Elevations:

1. Approval of an exception to the masonry standards by the Planning and Zoning Commission is required for the use of tilt-up wall construction and not meeting the minimum stone requirement of 20% per facade.

- **The following are scheduled meeting dates that you and/or your representative(s)are required to attend regarding the Site Plan request. If you have any questions regarding this case, please feel free to contact David Gonzales, AICP with the Planning Department at 972-771-7745.
  Meeting Dates to Attend:
  1) Architectural Review Board: February26,2019 (5:00p.m.) [Recommendations from ARB]
  2) Planning-Work Session: February26,2019 (6:00p.m.) [Applicant to present/discuss project]
  3) Architectural Review Board: March12,2019 (5:00p.m.) [Subsequent meeting if necessary]
  4) Planning-Action: March12,2019 (6:00p.m.) [P&Z to take action (i.e. approve, approve with conditions, deny)]
  5) **City Council-Action: Monday, March18,2019 (6:00p.m.) [FOR VARIANCE AND EXCEPTION REQUESTS NOT APPROVED BY THE PLANNING AND ZONING COMMISSION] **
     → Noted.

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March 5, 2019

Mr. David Gonzales
Planner
City of Rockwall
385 South Goliad Street
Rockwall, Texas 75087

Re: **SPR Packaging SP2019-004**

Dear Mr. Gonzales:

Thank you for your comments on the above-mentioned project. In an effort to address your comments concisely and simplify your next review, we have summarized your comments and our responses below.

Tree Mitigation

1. Alternative tree mitigation settlement agreement in the amount of $49,125.00 (i.e. 491.25-inch mitigation) requires approval of the City Council.
   With the additional screening requested, the mitigation cost has been reduced to $14,225.00 or 142.25 inches of mitigation.

Landscape Plan

1. 10-foot Landscape Buffer along Industrial Blvd. and Airport Road to have trees for each 50 linear feet of frontage. Move the necessary number of trees into the landscape buffer strip.
   Per our conversation, the required trees have been moved as close as they can to the 10' Landscape Buffer due to an existing sewer easement that runs the entire length of the street frontage. A 30' landscape buffer has been added to accommodate the required trees along the street frontages.

2. The use of hydromulch requires the hydromulch to be established a minimum height of one (1) inch and at a minimum coverage of 75% for disturbed areas prior to the release of a Certificate of Occupancy (CO). Sod is preferred. Change notes regarding the use of hydromulch to reflect the required standard of use sod.
   Hydromulch note has been updated. Please refer to Landscape Plan L2.01, Hydromulch Note #8.

Please let me know if you have any questions or need anything else.

Sincerely,

Kori Haug, ASLA, CLARB
President
Belle Firma, Inc.

SPR PACKAGING

1480 Justin Road, Rockwall, TX 75087
469 314 1600 Office 469 314 1601 fax

February 5, 2019

Ryan Miller
Director of Planning and Zoning
City of Rockwall
385 S. Goliad Street
Rockwall, TX 75087

Mr. Miller,
Please accept this letter as an indication of the sincere interest in ensuring that, in the Warehouse (SPR North Building, Phase I), it is intended not to exceed the number of 20 people working per shift at the same time.

This number covers the total staff that will use the parking space for 24 hours, seven days a week. Considering that the currently designed parking spaces are more than the minimum required for that amount of people, we assume it will not be any future inconvenience, and we would like to count with your approval on this subject. Thanks for your time and consideration.

Sincerely,

Ignacio Echávarri
President SPR Packaging

SPR PACKAGING armando alvarez GROUP COMPANY

City of Rockwall

Project Plan Review History

Reviosn 2 - Staff Comments Highlighted

Project Number	SP2019-004	**Owner**	ROCKWALL, 12.833 LP	**Applied**	1/29/2019 LM
Project Name	SPR Packaging	**Applicant**	HALFF ASSOCIATES	**Approved**	
Type	SITE PLAN			**Closed**	
Subtype				**Expired**	
Status	Staff Review			**Status**	

Site Address	**City, State Zip**	**Zoning**
1480 JUSTIN RD	ROCKWALL, TX 75087	

Subdivision	**Tract**	**Block**	**Lot No**	**Parcel No**	**General Plan**
INDALLOY ADDITION	7		7	0020-0000-0007-00-0R	

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks
BUILDING	Russell McDowell	1/29/2019	2/5/2019	1/30/2019	1	APPROVED	
ENGINEERING	Sarah Hager	1/29/2019	2/5/2019	2/6/2019	8	COMMENTS	

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks
(2/6/2019 4:27 PM SH) - Airport Rd and E Washington must have 65' ROW. Must Dedicate 32.5' from the centerline. Must build min 24' of Airport Rd with Storm. - Each lane must be 24' wide if used for fire lane for the driveway on Industrial - Need to build a minimum of 24' of paving for road to the north. - Need to show Existing and Proposed Utilities. - Show Existing Floodplain. - Show Proposed Fire Lanes. - Show dimensions on parking. - Fire Lane must have 30' Radii. - Label distance to each driveway. (See markup) - Do you plan to relocate the existing sewer line? The following items are for your review for enginering design - 4% Engineering Inspection Fees - Impact fees. - Flood Study is required. LOMR is required during construction. - WOTUS study is required. - Min 20' utility easements. - No structures in easements. - Fire lane easement to be on plat. - Fire lane to be 24' wide with 20' radii or larger depending on height of building. - Parking to be 20'x9' - No dead-end parking. - Driveway spacing must be labeled o Site Plan. - 12" water line available in Airport Rd. Must loop 8" waterline in site. - 8" sewer available east of property. - Dumpster area to drain to oil/water separator. - Must have detention. Manning's "c-value" is per zoning for the entire property. 4:1 max slope...no vertical walls allowed in detention easement - Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for. - No trees within 5' of public utilities. - Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls. - Pro-rata due for sewer ($105.18/lf) if you tie sewer along Industrial. - Must meet all City Engineering Standards.							
ENGINEERING	Sarah Hager	2/20/2019	2/27/2019	2/22/2019	2	COMMENTS	Revision 1

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks

(2/22/2019 10:40 AM SH)
- Work with Planning Department to get the "Private Road" abandoned.
- Need to align with road where no ROW is needed along E Washington
- Need to discuss the "Proposed 65' ROW." City doesn't maintain ROW for private developments.
- What is the line north of Airport Rd. (See markup)
- Need pedestrian easemetn at the corner of Airport Rd and Industrial Blvd.
- Water line to be centered in 20' Easement.
- All public water, sewer, and storm to have 10' spacing and 10' to easement lines. (See markup)
- Drive entrances on Industrial Dr to be 9" 4200psi (7.5 Sack) concrete to the ROW line.
- Is the sewer line running along the front of the building, the private service?
- It is the City's understanding that the water line that runs along the south of the property is 12" not 8" as shown.
- Add the sack amount to the concrete specifcations on the right of the page.

(2/22/2019 10:40 AM SH)
The following items are for your review for enginering design
- 4% Engineering Inspection Fees
- Impact fees.
- Flood Study is required. LOMR is required during construction.
- WOTUS study is required.
- Min 20' utility easements.
- No structures in easements.
- Fire lane easement to be on plat.
- Fire lane to be 24' wide with 20' radii or larger depending on height of building.
- Parking to be 20'x9'
- No dead-end parking.
- Driveway spacing must be labeled o Site Plan.
- 12" water line available in Airport Rd. Must loop 8" waterline in site.
- 8" sewer available east of property.
- Dumpster area to drain to oil/water separator.
- Must have detention. Manning's "c-value" is per zoning for the entire property. 4:1 max slope...no vertical walls allowed in detention easement
- Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for.
- No trees within 5' of public utilities.
- Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smoothconcrete walls.
- Pro-rata due for sewer ($105.18/lf) if you tie sewer along Industrial.
- Must meet all City Engineering Standards.

ENGINEERING	Sarah Hager	3/6/2019	3/13/2019	3/6/2019		APPROVED	Revision 2

Comments on Next Page

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks
(3/6/2019 2:11 PM SH) Work with the Planning Department on getting the "Private Road" abandoned. The following items are for your review for enginering design - 4% Engineering Inspection Fees - Impact fees. - Flood Study is required. LOMR is required during construction. - WOTUS study is required. - Min 20' utility easements. - No structures in easements. - 8" sewer available east of property. - Dumpster area to drain to oil/water separator. - Must have detention. Manning's "c-value" is per zoning for the entire property. 4:1 max slope...no vertical walls allowed in detention easement - Any detention must be above the existing 100-year flood elevation unless the floodplain is mitigated for. No utilities in detention pond - No trees within 5' of public utilities. - Retaining walls 3' and over must be designed by a licensed engineer. All walls to be rock or stone. No smooth concrete walls. - Pro-rata due for sewer ($105.18/lf) - Must meet all City Engineering Standards.							
FIRE	Ariana Hargrove	1/29/2019	2/5/2019	2/4/2019	6	APPROVED	
FIRE	Ariana Hargrove	2/20/2019	2/27/2019	2/21/2019	1	APPROVED	Revision 1
GIS	Lance Singleton	1/29/2019	2/5/2019	2/20/2019	22	APPROVED	
PLANNING	David Gonzales	1/29/2019	2/5/2019	2/1/2019	3	COMMENTS	See comments

PLANNING AND ZONING 1ST ROUND COMMENTS - PHASE 1 ONLY (02.01.2019):

The following staff comments (i.e. Phase 1 only) are to be addressed and resubmitted no later than Thurday February 14, 2019. Please provide three large copies [24" X 36" FOLDED] and one PDF version for a subsequent review by staff:

** Planning Department General Comments & Requirements to address/acknowledge:

1. Adherence to Engineering and Fire Department standards shall be required.
2. Submittal and approval of a Civil Engineering Plans and Final Plat prior to issuance of a Certificate of Occupancy (CO).
3. Label all revised site plan documents with "Case No. SP2019-004" at the lower right corner of each plan.

VARIANCES AND EXCEPTIONS FOR THE PLANNING AND ZONING COMMISSION TO CONSIDER:

1. Vertical articulation standards of the UDC for all facades
2. Horizontal articulation standards of the UDC for facades.
3. Minimum 20% stone requirement for all facades that are visible from a public street or open space
4. For the use of tilt-up wall construction.

** Please address the following Planning Comments for each plan and resubmit revised plans by date requested for a subsequent/final review by staff:

Site Plan:
1. Provide adjacent property owner infomation on Overall Site Plan (aerial version).
2. Label all 24-ft firelane access easement as "24-ft Firelane, Public Access, Drainage and Utility Easements (as appropriate for each).
3. Provide a hatch to the area indicating to be abandoned (i.e. Aluminum Plant Road). Although indicated on the site plan, this will be accomplished at final plat and purchased -- at fair market value -- with the approval of the City Council.
4. Provide a slightly heavier line for the future parking areas and label as such.
5. Use a lighter gray scale for the utility lines layer.
6. For the areas labled as 'Loading Area', are these loading docks? If so, provide a minimum 14-ft architecturally integrated screening wall
7. Parkingspace count for manufacturing = 1 space per 500-SF or 0.75 spaces for each employee on the largest shift, whichever is greater. Provide a letter indicating the number of employees on the largest shift. Parking count may be determined by the Director of Planning.

Landscape Plan:
1. Applicant requesting an alternative tree mitigation settlement agreement.

Photometric Plan:
1. Lighting levels are not to exceed 0.2-FC at the property lines. The lighting levels along the northern property line exceed this standard. Adjustment required in order to meet the standards of the UDC.

Building Elevations:
1. All roof-top mechanical equipment requires screening from rights-of-way and adjacent properties. Dash-in RTU's on elevations. Provide detail of screening mechanism to be used if these are not properly sceened.
2. Requires a recommendation from the Architectural Review Board (ARB). See scheduled meeting below.

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks

3. Provide a materials sample board for ARB review of the actual materials to be used(other than tilt-up wall).
4. Provide percentages of exterior material calculations for each elevation(e.g. formliner stone pattern& tilt-up wall).
5. Will there be any stone on the building? The UDC requires a minium of 20% stone on each elevation that is visible from a public street or open space. If there is no stone, this will require approval of a variance by the Planning and Zoning Commission.
6. Approval of an exception to the masonry standards by the Planning and Zoning Commission is required for the use of tilt-up wall construction.

** The following are scheduled meeting dates that you and/or your representative(s) are required to attend regarding the Site Plan request. If you have any questions regarding this case, please feel free to contact David Gonzales, AICP with the Planning Department at 972-771-7745.

Meeting Dates to Attend:

Architectural Review Board: February 26, 2019 (5:00 p.m.) [Recommendations from ARB]

Planning - Work Session: February 26, 2019 (6:00p.m.) [Applicant to present/discuss project]

Architectural Review Board: March 12, 2019 (5:00 p.m.) [Subsequent meeting if necessary]

Planning - Action: March 12, 2019 (6:00p.m.) [P&Z to take action (i.e. approve, approve with conditions, deny)]

** City Council - Action: Monday, March 18, 2019 (6:00 p.m.) [FOR VARIANCE AND EXCEPTION REQUESTS NOT APPROVED BY THE PLANNING AND ZONING COMMISSION] **

PLANNING	David Gonzales	2/20/2019	2/27/2019	2/20/2019		COMMENTS	Revision 1 Comments

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks

Discuss and consider a request by Mark W. Pross of Pross Design Group, Inc. on behalf of Carolina Molina of Alvaplast US (SPR Packaging) for the approval of a site plan for a warehouse/manufacturing facility on a 11.3736-acre tract of land identified as Tract 7 of the N. Butler Survey, Abstract No. 20, City of Rockwall, Rockwall County, Texas, zoned Light Industrial (LI) District, situated at the terminus of Aluminum Plant Road, and take any action necessary.

PLANNING AND ZONING 2nd ROUND COMMENTS - PHASE 1 ONLY (02.20.2019):

The following staff comments (i.e. Phase 1 only) are to be addressed and resubmitted no later than Tuesday, March 5, 2019. Please provide two (2) large copies [24" X 36" FOLDED] and one PDF version for a subsequent/final review by staff:

CITY COUNCIL TO CONSIDER ALTERNATIVE TREE MITIGATION SETTLEMENT AGREEMENT:

1. Alternative tree mitigation settlement agreement in the amount of $49,125.00 (i.e. 491.25 inche mitigation) requires approval of the City Council.

EXCEPTIONS FOR THE PLANNING AND ZONING COMMISSION TO CONSIDER FOR APPROVAL:

1. The use of Tilt-Up Wall construction.
2. For not meeting the minimum 20% stone requirement for each facade.
3. For not meeing the Building Articulation standards of the Unified Devleopment Code (UDC) for: a) Primary building facades and b) Secondary building facades.

** Please address the following Planning Comments for each of the revised plans and resubmit by the date as requested for a subsequent/final review by staff:

Site Plan:
1. Overall Site Plan (aerial version & B&W site plan) - Label as "Future Expansion" on Phase 2 portion and use a lighter gray scale to distinguish Phase 2.
2. Correction needed: label all 24-ft access easement as "24-ft Firelane, Public Access, and Utility Easements".
3. Site Plan Data table: since this approval is for Phase 1 only, please use a lighter gray scale for the future warehose references and label as such
4. Legend: quantities indicated to be approved by the engineering department.
5. As a note, I did not receive the letter for regarding parking; however, this is not required until Phase 2 site plan (if needed).
6. Delineate and label the required minimum 10-ft Landscape Buffer along Industrial Blvd and Airport Road.

Landscape Plan:
1. 10-ft Landscape Buffer along Industrial Blvd and Airport Road to have trees for each 50-ft linear feet of frontage. Move the necessary number of trees into the landscape buffer strip.
2. The use of hydromulch requires the hydromulch to be established at a minimum height of one (1) inch and at a minimum coverage of 75% for disturbed areas prior to the release of a Certificate of Occupancy (CO). Sod is preffered. Change Notes regarding the use of hydromulch to reflect the required standard or use sod

Photometric Plan:
1. Based on the revised plan, it meets the minimum standards per the Unified Development Code.

Building Elevations:
1. Approval of an exception to the masonry standards by the Planning and Zoning Commission is required for the use of tilt-up wall construction and not meeting the minimum stone requriement of 20% per facade.

Type of Review / Notes	Contact	Sent	Due	Received	Elapsed	Status	Remarks

** The following are scheduled meeting dates that you and/or your representative(s) are required to attend regarding the Site Plan request. If you have any questions regarding this case, please feel free to contact David Gonzales, AICP with the Planning Department at 972-771-7745.

Meeting Dates to Attend:

Architectural Review Board: February 26, 2019 (5:00 p.m.) [Recommendations from ARB]

Planning - Work Session: February 26, 2019 (6:00p.m.) [Applicant to present/discuss project]

Architectural Review Board: March 12, 2019 (5:00 p.m.) [Subsequent meeting if necessary]

Planning - Action: March 12, 2019 (6:00p.m.) [P&Z to take action (i.e. approve, approve with conditions, deny)]

** City Council - Action: Monday, March 18, 2019 (6:00 p.m.) [FOR APPROVAL OF THE ALTERNATIVE TREE MITIGATION SETTLEMENT AGREEMENT & FOR VARIANCE AND EXCEPTION REQUESTS THAT ARE NOT APPROVED BY THE PLANNING AND ZONING COMMISSION] **

PLANNING	David Gonzales	3/6/2019	3/13/2019	3/6/2019		COMMENTS	Revision 2

PLANNING AND ZONING 3rd ROUND COMMENTS - PHASE 1 ONLY (03.06.2019):

CITY COUNCIL TO CONSIDER ALTERNATIVE TREE MITIGATION SETTLEMENT AGREEMENT:

1. Alternative tree mitigation settlement agreement in the amount of $14,225.00 (i.e. 142.25 inches of mitigation) requires approval of the City Council (see date below)

EXCEPTIONS FOR THE PLANNING AND ZONING COMMISSION TO CONSIDER FOR APPROVAL:

1. The use of Tilt-Up Wall construction.
2. For not meeting the minimum 20% stone requirement for each facade.
3. For not meeing the Building Articulation standards of the Unified Devleopment Code (UDC) for: a) Primary building facades and b) Secondary building facades.

** Please address the following Planning Comments for each of the revised plans and resubmit by the date as requested for a subsequent/final review by staff:

** The following are scheduled meeting dates that you and/or your representative(s) are required to attend regarding the Site Plan request. If you have any questions regarding this case, please feel free to contact David Gonzales, AICP with the Planning Department at 972-771-7745.

Meeting Dates to Attend:

Architectural Review Board: March 12, 2019 (5:00 p.m.) [Subsequent meeting if necessary]

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March 19, 2019

ATTN: MATHEW GARDNER
HALFF ASSOCIATES
1201 NORTH BOWSER ROAD,
Richardson, TX 75081

RE: SITE PLAN (SP2019-004), SPR Packaging

Dear Applicant:

This letter serves to notify you that the above referenced case that you submitted before the City of Rockwall was approved by the City Council on 03/18/2019. The following is a record of all recommendations, voting records and conditions of approval:

PLANNING AND ZONING COMMISSION:

On March 12, 2019, the Planning and Zoning Commission's motion to approve a request for a site plan with staff conditions and ARB recommendationsl passed by a vote of 4 to 0 with Commissioners Lyons, Logan, and Moeller absent. Addtionally, the Planning and Zoning Commission forwarded to the City Counicl a recommendation of approval for the request of an Alternative Tree Mitigation Settlement Agreement by the applicant.

CITY COUNCIL:

On March 18, 2019, the City Council approved a motion to approve an Alternative Tree Mitigation Settlement Agreement as requested by the applicant. The motion was approved by a vote of 6 to 0 with Mayor Pruitt absent.

For information about the procedures and required materials to file a plat, or for any other additional questions on this matter, please contact Planning staff at (972) 771-7745.

Sincerely,

David Gonzales, AICP
Planning Manager
Planning & Zoning Department
City of Rockwall, TX