

PRELIMINARY
FOR INTERIM REVIEW ONLY These documents are for Interim Review and not intended for Construction, Bidding or Permit Purposes. They were prepared by, or under the supervision of: BRIAN M. SATAGAJ 107708 NAME P.E. NO. DATE 3/7/2023
TBPELS Engineering Firm #312









LANDSCAPE ARCHITECT

EMAIL: CMOLINA@SPRPACKAGING.COM

DEVELOPER/OWNER

ALVAPLAST US DEVELOPMENT LLC

1480 JUSTIN ROAD

TEL: 469-402-1232

ROCKWALL, TX 75087

CONTACT: CAROLINA MOLINA

BENCHMARK 1
CENTER OF SANITARY SEWER
MANHOLE LID, LOCATED 100
FEET NORTHEAST OF THE
EASTERN-MOST NORTHEAST

BENCHMARK 2
CENTER OF SANITARY SEWER
MANHOLE LID, LOCATED 18.5
FEET NORTHWEST OF THE SOUTHEAST
PROPERTY CORNER ELEVATION =577.13'

PROPERTY CORNER ELEVATION=580.82'

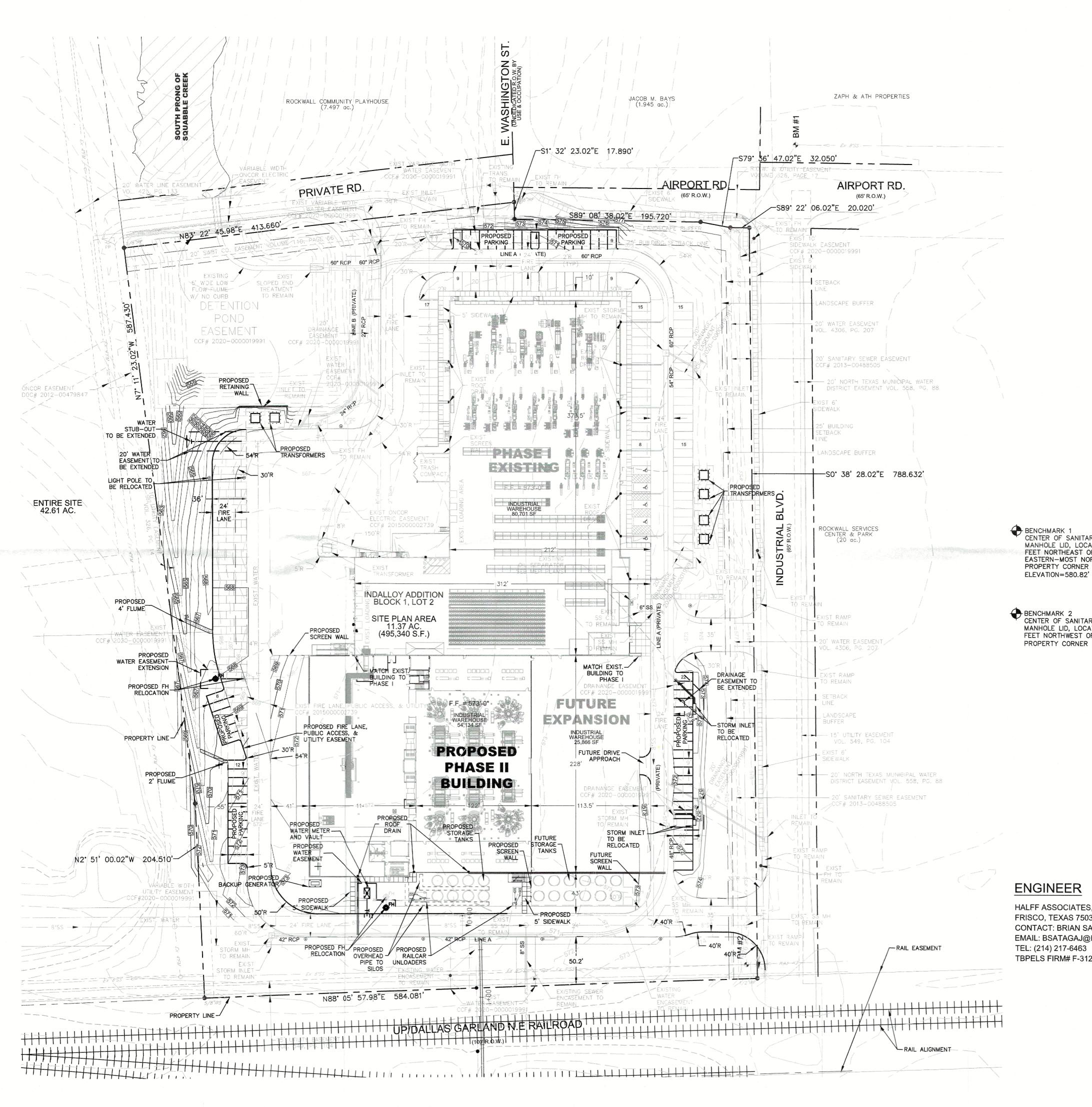
BELLE FIRMA 4245 NORTH CENTRAL EXPY SUITE 501 DALLAS, TX 75205 CONTACT: KORI HAUG EMAIL: KHAUG@BELLEFIRMA.COM TEL: 214-865-7192

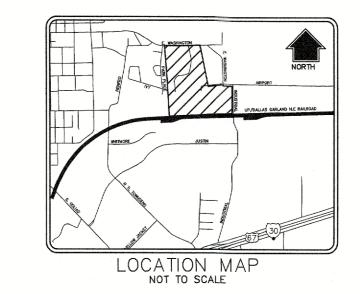
WITNESS OUR HANDS , this May day of Muy , 2003

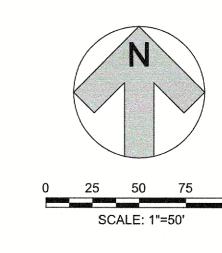
CASE NO. SP2023-009

OVERALL SITE PLA sheet CO.01

job no







SITE	DATA:
CURRENT ZONING:	(LI) LIGHT INDUSTRIAL
PROPOSED LAND USE: TOTAL SITE AREA:	OFFICE. WAREHOUSE, MANUFACTURING 11.37 AC. (495,340 SF)
BUILDING:	11107 7101 (100,010 017
PHASE 1	
1st FLOOR EXISTING 2nd FLOOR EXISTING 2nd FLOOR NEW	78,682 SF 536 SF 1,483 SF 80,701 SF
BULLOS O	80,701 3
PHASE 2 1st FLOOR 2nd FLOOR TOTAL	54,134 SF 34,291 SF 88,425 SF
FUTURE EXPANSION (ESTIMATED) 1st FLOOR	25,866 SF
PARKING:	
NOTE	

NOTE:
REQUIRED PARKING CALCULATED PER OWNER PROVIDED EMPLOYEE & SHIFT DATA
REFERENCE VARIANCE REQUEST SUBMITTED WITH SITE PLAN

EMPLOYEES PER SHIFT = 60 ON 50% STAGGERED/OVERLAPPING SCHEDULE

EMPLOYEE PARKING SPACES REQUIRED = 90 SPACES
VISITOR PARKING SPACES REQUIRED = 20 SPACES
TOTAL PARKING SPACES REQUIRED = 110 SPACES
TOTAL PARKING SPACES PROVIDED = 146 SPACES

ACCESSIBLE SPACES REQUIRED = 5 SPACES ACCESSIBLE SPACES PROVIDED = 5 SPACES *SPACES ARE INCLUDED IN TOTAL ABOVE

BENCHMARK 1 CENTER OF SANITARY SEWER MANHOLE LID, LOCATED 100 FEET NORTHEAST OF THE EASTERN-MOST NORTHEAST PROPERTY CORNER

BENCHMARK 2 CENTER OF SANITARY SEWER
MANHOLE LID, LOCATED 18.5
FEET NORTHWEST OF THE SOUTHEAST PROPERTY CORNER ELEVATION =577.13'

The state of the s	EXISTING	LEGEND
S:	PP	FIRE DEPARTMENT CONNECTION FIRE HYDRANT WATER VALUE SANITARY SEWER MANHOLE POWER POLE STORM MANHOLE WATERLINE SEWER LINE EASEMENT LINE PROPERTY LINE
		CONTOUR LINE

7" THICK, 3600 PSI CONCRETE PAVEMENT
(6.5 SACK MIX) WITH #3 BARS AT 18"
O.C.E.W. OVER LIME TREATED SUBGRADE PER
GEOTECHNICAL RECOMMENDATIONS

SURVEYOR

HALFF ASSOCIATES, INC. RICHARDSON, TEXAS 75081 CONTACT: DREW CHAVCHALOV EMAIL: DCHAVCALOV@HALFF.COM TEL: (214) 217-6461 TBPELS FIRM# F-312

HALFF ASSOCIATES, INC. FRISCO, TEXAS 75034-8640 CONTACT: BRIAN SATAGAJ EMAIL: BSATAGAJ@HALFF.COM TEL: (214) 217-6463 TBPELS FIRM# F-312

ARCHITECT

PROSS DESIGN GROUP, INC. DALLAS, TEXAS 75230-8640 CONTACT: DAVID MORALES EMAIL: DMORALES@PDGARCH.COM TEL: (972) 759-1400

DEVELOPER/OWNER

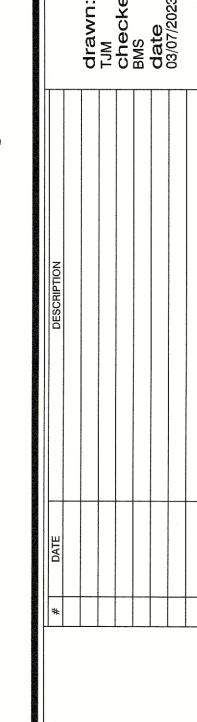
ALVAPLAST US DEVELOPMENT LLC 1480 JUSTIN ROAD ROCKWALL, TX 75087 CONTACT: CAROLINA MOLINA EMAIL: CMOLINA@SPRPACKAGING.COM TEL: 469-402-1232

LANDSCAPE ARCHITECT

BELLE FIRMA 4245 NORTH CENTRAL EXPY SUITE 501 DALLAS, TX 75205 CONTACT: KORI HAUG EMAIL: KHAUG@BELLEFIRMA.COM TEL: 214-865-7192

Planning & Zoning Commission, Chairman

CASE NO. SP2023-009



3/07/2023

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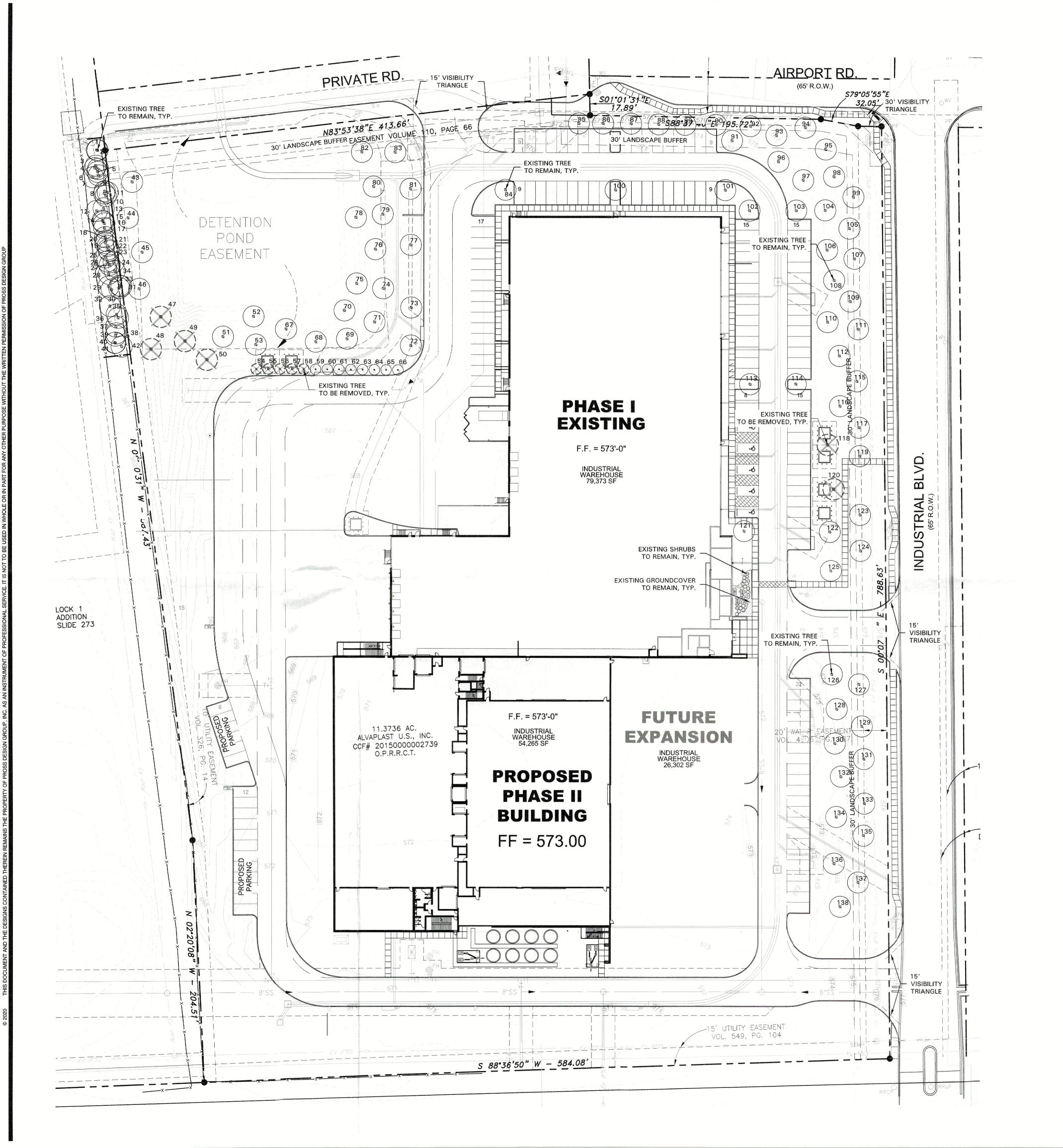






job no DETAIL SITE PLAN sheet

C0.02



EXISTING TREE LEGEND

EXISTING TREE TO REMAIN



EXISTING TREE TO BE REMOVED



EXISTING SHRUBS

TO REMAIN

REFER TO 01/L1.01

TREE PROTECTION FENCING

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 AUTHORIZED OWNER'S 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
- 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,
- 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.

CITY OF ROCKWALL NOTES

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

OWNER:

ALVAPLAST U.S. DEVELOPMENT, LLC PROSS DESIGN GROUP, INC. CONTACT: CAROLINA MOLINA 1480 JUSTIN ROAD ROCKWALL, TX 75087 469. 402. 1232

ARCHITECT:

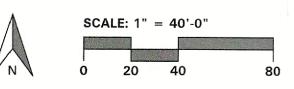
CONTACT: ROBERT PROSS 5310 HARVEST HILL RD., SUITE 180 DALLAS, TX 75230 972. 759. 1400

I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved Commission of the City of Rockwall on the _____ day of _____ day of _____ WITNESS OUR HANDS, this 4 day of March 2023

CASE NO: SP2023-009

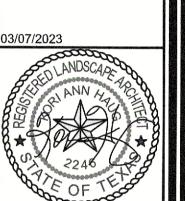
Planning & Zoning Commission, Chairman

TREE PRESERVATION PLAN





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





job no

sheet

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	7.5 12	HACKBERRY BOIS D'ARC	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
9 10	11 12	HACKBERRY HACKBERRY	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	SECONDARY PROTECTED SECONDARY PROTECTED
11 12	8.5 12	HACKBERRY BOIS D'ARC	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
13	8	BOIS D'ARC	TO REMAIN	POOR	OFFSITE	NON-PROTECTED
14 15	7	HACKBERRY EASTERN RED CEDAR	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
16 17	9 10	HACKBERRY HACKBERRY	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
18 19	10 14	HACKBERRY BOIS D'ARC	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
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21 22	5 12	BOIS D'ARC EASTERN RED CEDAR	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED SECONDARY PROTECTED
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28 29	7	HACKBERRY HACKBERRY	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	SECONDARY PROTECTED NON-PROTECTED
30 31	10 7.5	HACKBERRY HACKBERRY	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
32 33	9 13.5	HACKBERRY BOIS D'ARC	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
34	10	BOIS D'ARC	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED
35 36	9.5 17.5	HACKBERRY BOIS D'ARC	TO REMAIN TO REMAIN	GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
37 38	4 9.5	HACKBERRY BOIS D'ARC	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
39	9.5	HACKBERRY	TO REMAIN	GOOD	OFFSITE	NON-PROTECTED
40 41	10	HACKBERRY HACKBERRY	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE OFFSITE	NON-PROTECTED NON-PROTECTED
42 43	5 3	BOIS D'ARC CHINKAPIN OAK	TO REMAIN TO REMAIN	GOOD GOOD	OFFSITE ON-SITE	NON-PROTECTED NON-PROTECTED
44 45	3	CHINKAPIN OAK CHINKAPIN OAK	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
46	3	CHINKAPIN OAK	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
47 48	3	CHINKAPIN OAK BALD CYPRESS	TO BE REMOVED TO BE REMOVED	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
49 50	3	BALD CYPRESS BALD CYPRESS	TO BE REMOVED TO BE REMOVED	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
51 52	3	BALD CYPRESS BALD CYPRESS	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
53	3	BALD CYPRESS	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
54 55	3	EASTERN RED CEDAR EASTERN RED CEDAR	TO BE REMOVED	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
56 57	3	EASTERN RED CEDAR EASTERN RED CEDAR		GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
58 59	3	EASTERN RED CEDAR EASTERN RED CEDAR		GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
60	3	EASTERN RED CEDAR	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
61 62	3	EASTERN RED CEDAR EASTERN RED CEDAR	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
63 64	3	EASTERN RED CEDAR EASTERN RED CEDAR	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
65	3	EASTERN RED CEDAR	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
66 67	3	EASTERN RED CEDAR CHINKAPIN OAK	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
68 69	3	CHINKAPIN OAK CHINKAPIN OAK	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
70 71	3	BALD CYPRESS CHINKAPIN OAK	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
72	3	CHINKAPIN OAK	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
73 74		CHINKAPIN OAK BALD CYPRESS	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
75 76	3	BALD CYPRESS BALD CYPRESS	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
77 78	3	BUR OAK BALD CYPRESS	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
79	3	BUR OAK	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
80 81	3	BALD CYPRESS BUR OAK	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
82 83	3	BUR OAK BUR OAK	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
84 85	3	LACEBARK ELM	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
86	3	CEDAR ELM CEDAR ELM	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
87 88	3	CEDAR ELM SHUMARD OAK	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
89 90	3	SHUMARD OAK	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
91	3	SHUMARD OAK BUR OAK	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
92 93	3	SHUMARD OAK LIVE OAK	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
94 95	3	LIVE OAK LIVE OAK	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
96	3	BUR OAK	TO REMAIN	POOR	ON-SITE	NON-PROTECTED
97 98	3	BUR OAK LIVE OAK	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
99 100	3	LIVE OAK LACEBARK ELM	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
101 102	3	LACEBARK ELM LACEBARK ELM	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
103	3	LACEBARK ELM	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
104 105	3	LIVE OAK LIVE OAK	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
106 107	3	BUR OAK SHUMARD OAK	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
108	3	SHUMARD OAK	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
109 110	3	SHUMARD OAK SHUMARD OAK	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
111 112	3	SHUMARD OAK LIVE OAK	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
113 114	3	LACEBARK ELM LACEBARK ELM	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
115	3	LIVE OAK	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
116 117	3	LIVE OAK LIVE OAK	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
118 119	3	LIVE OAK LIVE OAK	TO BE REMOVED TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
120	3	CEDAR ELM	TO BE REMOVED	GOOD	ON-SITE	NON-PROTECTED
121 122	3	CEDAR ELM	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
123 124	3 3	CEDAR ELM CEDAR ELM	TO REMAIN TO REMAIN	GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
125	3	CEDAR ELM	TO REMAIN	GOOD	ON-SITE	NON-PROTECTED
126 127	3	BUR OAK CEDAR ELM	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
128 129	3	BUR OAK CEDAR ELM	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE ON-SITE	NON-PROTECTED NON-PROTECTED
130 131	3	CEDAR ELM LIVE OAK	TO REMAIN TO REMAIN	GOOD GOOD	ON-SITE	NON-PROTECTED
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135 136 137 138 otal Caliper I otal Caliper I otal Mitigatio	nches on Sinches Remo	CEDAR ELM ved quired pvided (Refer to Landsca		GOOD	UFSITE	663



ARCHITECT:

TREE PRESERVATION NOTES

4245 North Central Expy

Dallas, Texas 75205

• 214.865.7192 office

ALVAPLAST U.S. DEVELOPMENT, LLC
CONTACT: CAROLINA MOLINA
1480 JUSTIN ROAD
ROCKWALL, TX 75087
469. 402. 1232

PROSS DESIGN GROUP, INC.
CONTACT: ROBERT PROSS
5310 HARVEST HILL RD., SUITE 180
DALLAS, TX 75230
972. 759. 1400

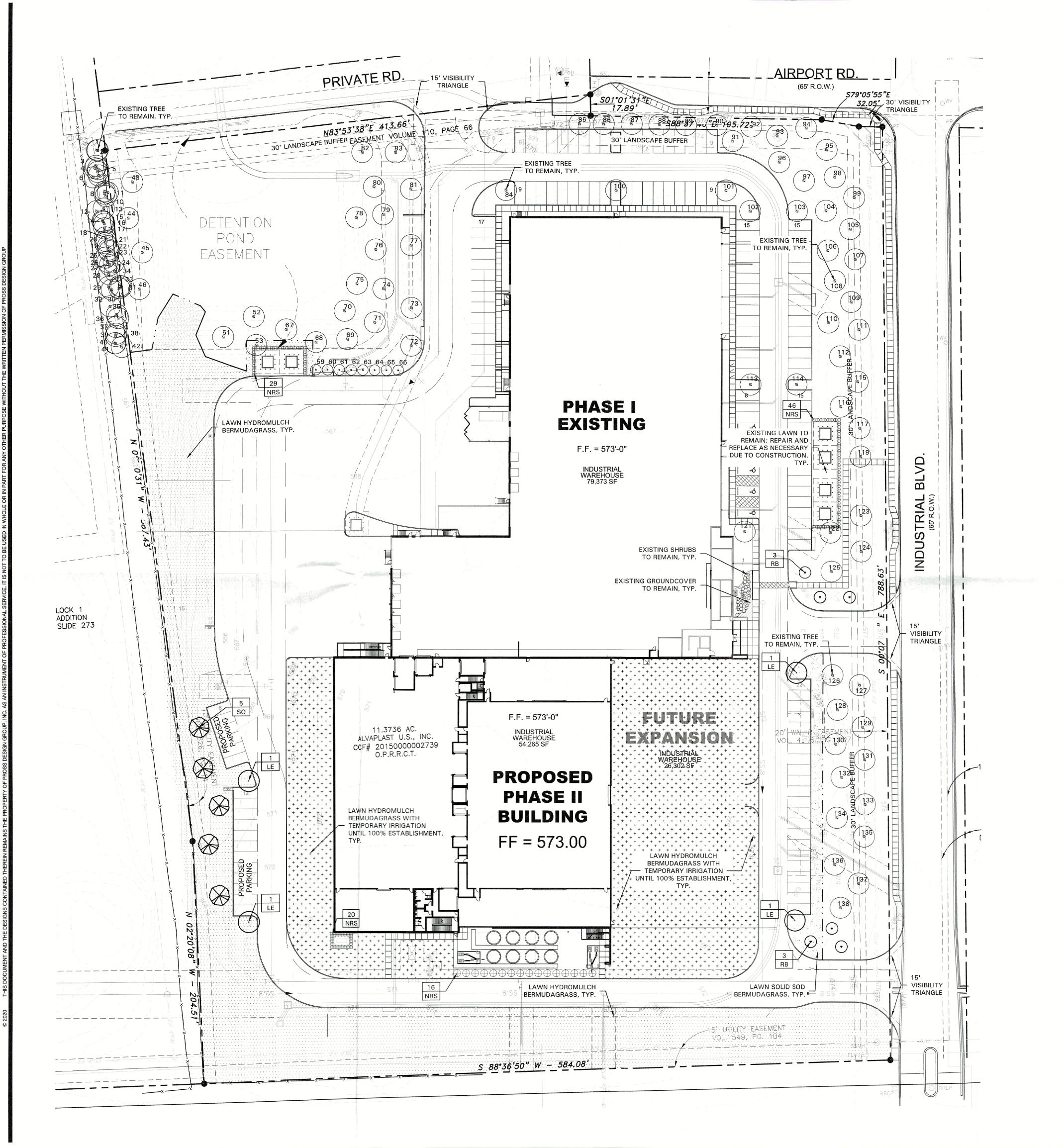
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved Commission of the City of Rockwall on the ______ day of _______, _2c 2 3 _____

job no

WITNESSOUR HANDS , this 4 day of Mary , 2023

CASE NO: SP2023-009

OWNER:



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 SOLID SOD 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.

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.

LANDSCAPE TABULATIONS

THE CITY OF ROCKWALL, TEXAS

STREET LANDSCAPING 1. 30' wide landscape buffer with one tree per 50 l.f.

AIRPORT RD.: 248 l.f.

INDUSTRIAL BLVD.: 789 I.f. Required (16) trees, 3" cal. (16) existing trees, 4" cal. +

Required (5) trees, 3" cal. (5) existing trees, 4" cal. +

All parking spaces shall be a minimum eighty (80) feet

PARKING LOT LANDSCAPING

from a tree.

5% of the interior parking lot shall be landscape. One (1) tree for every ten (10) parking spaces.

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. (16%)

(9) trees (9) existing trees

SITE LANDSCAPING

1. 10% of the total site shall be landscaped for LIGHT INDUSTRIAL.

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.

49,544 s.f. (10%) 49,544 s.f. (100%)

263,051 s.f. (25%) 168,924 s.f.

Provided

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

> Dry Land Area: 17,143 s.f. Required Provided

(23) trees (23) existing trees

INCREASED LANDSCAPING 1. Materials and Masonry Composition

- Above Ground Silo Screening
- Parking
- 1. (5) Additional trees along west parking row.
- (6) Ornamental trees added at existing entry drives. 3. (16) Evergreen screening shrubs provided around silos.

CITY OF ROCKWALL NOTES

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

ARCHITECT:

ALVAPLAST U.S. DEVELOPMENT, CONTACT: CAROLINA MOLINA 1480 JUSTIN ROAD ROCKWALL, TX 75087 469. 402. 1232

OWNER:

LLC PROSS DESIGN GROUP, INC CONTACT: ROBERT PROSS 5310 HARVEST HILL RD., SUITE 180 DALLAS, TX 75230 972. 759. 1400

CASE NO: SP2023-009

LANDSCAPE PLAN

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

job no



Quercus shumardii

Cercis canadensis 'Oklahoma'

Oklahoma Redbud Shumard Red Oak

4 4" cal. container grown, 15' ht., 5' spread, 5' branching ht., matchin 6 30 gal. container grown, 8' ht., 4' spread min. 5 4" cal. container grown, 15' ht., 5' spread, 5' branching ht., matchir

SHRUBS/GROUNDCOVER llex spp. 'Nellie R. Stevens' Cynodon dactylon

Nellie R. Stevens Holly Common Bermudagrass

111 7 gal. container full to base, 36" ht., refer to plan for spacing

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.

-	SITE DA	<u>TA:</u>
	CURRENT ZONING: PROPOSED LAND USE: TOTAL SITE AREA:	(LI) LIGHT INDUSTRIAL OFFICE. WAREHOUSE, MANUFACTURING 11.37 AC. (495,340 SF)
	BUILDING:	
	PHASE 1 1st FLOOR EXISTING 2nd FLOOR EXISTING 2nd FLOOR NEW	78,682 SF 536 SF 1,483 SF 80,701 SF
	PHASE 2 1st FLOOR 2nd FLOOR TOTAL	54,134 SF 34,291 SF 88,425 SF
	FUTURE EXPANSION (ESTIMATED) 1st FLOOR	25,866 SF

NOTE:
REQUIRED PARKING CALCULATED PER OWNER PROVIDED EMPLOYEE & SHIFT DATA
REFERENCE VARIANCE REQUEST SUBMITTED WITH SITE PLAN

EMPLOYEES PER SHIFT = 60 ON 50% STAGGERED/OVERLAPPING SCHEDULE

EMPLOYEE PARKING SPACES REQUIRED = 90 SPACES VISITOR PARKING SPACES REQUIRED = 20 SPACES TOTAL PARKING SPACES REQUIRED = 110 SPACES TOTAL PARKING SPACES PROVIDED = 146 SPACES ACCESSIBLE SPACES REQUIRED = 5 SPACES ACCESSIBLE SPACES PROVIDED = 5 SPACES

*SPACES ARE INCLUDED IN TOTAL ABOVE

OWNER:

ALVAPLAST U.S. DEVELOPMENT, LLC PROSS DESIGN GROUP, INC. CONTACT: CAROLINA MOLINA 1480 JUSTIN ROAD

ROCKWALL, TX 75087 469. 402. 1232

ARCHITECT:

CONTACT: ROBERT PROSS 5310 HARVEST HILL RD., SUITE 180 DALLAS, TX 75230 972. 759. 1400

WITNESS OUR HANDS , this 4 day of March , 2013 Director of Planning and Zoning

CASE NO: SP2023-009

LANDSCAPE NOTES



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

SPR NORTH

job no

L2.02

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
- Notification of sources
- 4. Water and maintenance until final acceptance
- 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
- 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 1.7 QUALITY ASSURANCE 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 1.8 PRODUCT DELIVERY, STORAGE AND HANDLING 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.
- 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.

- 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.
- Selection of Plant Material:
 - 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.

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
- 2. Deliver only plant materials that can be planted in one day unless adequate storage and watering facilities are available
- 3. Protect root balls by heeling in with sawdust or other approved moisture retaining material if not planted within 24
- 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.

4. Protect plants during delivery to prevent damage to root

- 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. 2.3 MISCELLANEOUS MATERIALS 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.

- 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 PART 3 - EXECUTION 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, 3.1 BED PREPARATION & FERTILIZATION 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
- 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 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 3.2 INSTALLATION 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
- D. Sharp Sand: Sharp sand must be free of seeds, soil particles and
- 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
- H. Peat: Commercial sphagnum peat moss or partially decomposed shredded pine bark or other approved organic material.

- 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

- 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:

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.

- 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.
- 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
- D. Notify the Owner's Authorized Representative for inspection and approval of all positioning of plant materials.
- 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 (3/4") inch in diameter. Plants should be thoroughly moist before removing 3.3 CLEANUP AND ACCEPTANCE 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
- 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 END OF SECTION location or have drainage added. Install a PVC stand pipe per

- tree planting detail as approved by the Landscape Architect if the
- 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 1/3 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
- J. Do not wrap trees.
- K. Do not over prune.
- . 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
- 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
- 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.

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.

ARCHITECT:

CONTACT: CAROLINA MOLINA 1480 JUSTIN ROAD ROCKWALL, TX 75087 469, 402, 1232

ALVAPLAST U.S. DEVELOPMENT, LLC PROSS DESIGN GROUP, INC. CONTACT: ROBERT PROSS 5310 HARVEST HILL RD., SUITE 180 DALLAS, TX 75230 972. 759. 1400

OWNER:

I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved Commission of the City of Rockwall on the ____day of ____day of _____

CASE NO: SP2023-009

LANDSCAPE SPECIFICATIONS AND DETAILS



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

job no sheet

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

- C. ROOT BALL: REMOVE TOP 1/3 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

F. ROOT ANCHOR BY TREE STAKE

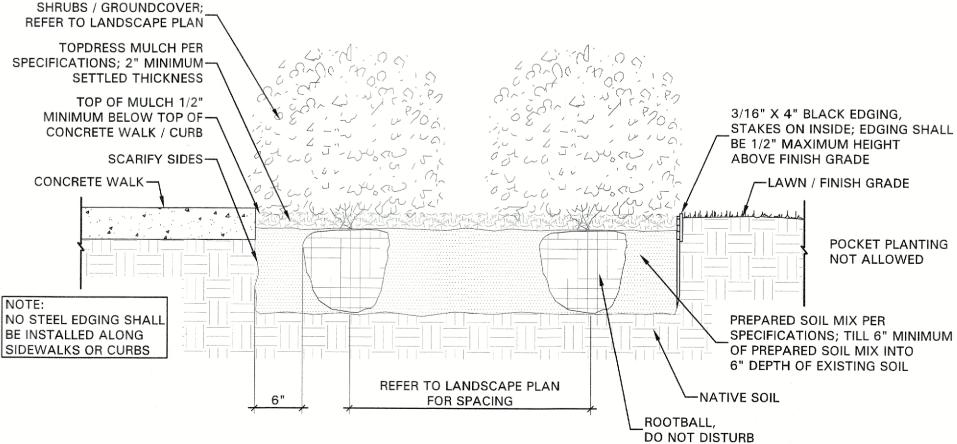
SOLUTIONS. G. NAIL STAKE: REFER MANUFACTURER'S GUIDELINES FOR SIZING. INSTALL NAIL STAKES WITH HAMMER OR MALLET FIRMLY INTO UNDISTURBED GROUND. DRIVE NAIL STAKES FLUSH WITH "U" BRACKET ADJACENT TO ROOTBALL (DO NOT DISTURB ROOTBALL).

- H. BACKFILL: USE EXISTING NATIVE SOIL (no amendments) WATER THOROUGHLY TO ELIMINATE AIR POCKETS.
- MULCH: DOUBLE SHREDDED HARDWOOD MULCH 2 INCH SETTLED THICKNESS, WITH 2" HT. WATERING RING; ENSURE THAT ROOT FLARE IS
- AVAILABLE FROM: Tree Stake Solutions ATTN: Jeff Tuley (903) 676-6143

IS EXPRESSLY PROHIBITED.

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

- EXPOSED. BELOW GROUND STAKE SHOULD NOT BE VISIBLE. TREE STAKES: TREE STAKE SOLUTIONS 'SAFETY STAKE' BELOW GROUND MODEL
 - jeff@treestakesolutions.com www.treestakesolutions.com OR APPROVED EQUAL. TREES SHALL BE STAKED BELOW GROUND WHERE
- INSTALLATION.



SHRUB / GROUNDCOVER DETAIL
NOT TO SCALE

SPECIFICATIONS: 2" MINIMUM-

E1.0



DRAWING E1.0

- MOUNT TOP OF LIGHTING FIXTURE AT 25'-0" TO MATCH EXISTING SITE LIGHTING. MATCH EXISTING SQUARE STRAIGHT STEEL LIGHT POLE. CATALOG NUMBER SSS-25-4C-DM19AS-DDBXD.
- 2 MOUNT FIXTURE ABOVE SECOND FLOOR WINDOWS. COORDINATE WITH OWNER TO VERIFY EXACT MOUNTING HEIGHT.
- 3 MOUNT FIXTURE AT 27'-0" AFF TO MATCH EXISTING SITE LIGHTING HEIGHT.
- 4 MOUNT OVERHEAD FIXTURES +1'-0" ABOVE DOORWAY.

GENERAL NOTES APPLIES TO ALL DRAWINGS OF THIS TRADE

- A FOR GENERAL NOTES, LEGEND AND SYMBOLS SEE DRAWING EO.1.
- B FOR LIGHTING INFORMATION AND LUMINAIRE SCHEDULE SEE DRAWING E7.1.
- C EXIT SIGNS AND EMERGENCY FIXTURES SHALL BE PROVIDED WITH AN UNSWITCHED "HOT" TO PROVIDE CONTINUOUS POWER TO THE FIXTURE EVEN WHEN OFF.
- D PROVIDE ALL MOUNTING HARDWARE FOR LIGHTING FIXTURES INCLUDING CABLING, MOUNTING BRACKETS, ETC. AS REQUIRED.

OPOSED LAND USE: OFFICE, WAREHOUSE, MANUFACTURIN		
TAL SITE AREA:	11.37 AC. (495,340 SF)	
BUILDING:		
PHASE 1		
st FLOOR EXISTING	78,682	SF
2nd FLOOR EXISTING	536	3F
and FLOOR NEW	1,483 SF	
	80,701	SF
PHASE 2	54,134	SF
st FLOOR	34.291	
and FLOOR	88,425	
OTAL		
FUTURE EXPANSION (ESTIMATED)	25,866	SF
st FLOOR		
PARKING:		
NOTE:		
REQUIRED PARKING CALCULATED PER OWNER PROVIDE	D EMPLOYEE & SHIFT DATA	
REFERENCE VARIANCE REQUEST SUBMITTED WITH SITE		
EMPLOYEES PER SHIFT = 60 ON 50% STAGGERED/OVERL	APPING SCHEDULE	

OWNER:

ALVAPLAST U.S. DEVELOPMENT, LLC PROSS DESIGN GROUP, INC. CONTACT: CAROLINA MOLINA 1480 JUSTIN ROAD ROCKWALL, TX 75087 469.402.1232

TOTAL PARKING SPACES PROVIDED = 146 SPACES

ACCESSIBLE SPACES REQUIRED = 5 SPACES ACCESSIBLE SPACES PROVIDED = 5 SPACES *SPACES ARE INCLUDED IN TOTAL ABOVE

ARCHITECT:

CONTACT: ROBERT PROSS 5310 HARVEST HILL RD., SUITE 180 DALLAS, TX 75230 972.759.1400

WITNESS OUR HANDS , this 4 day of May 1015



CASE NO: SP2023-009

*

03/07/2023

ELECTRICAL

job no 13597.030

E1.0

OVERALL PLAN - FIRST FLOOR

SITE DATA (LI) LIGHT INDUSTRIAL CURRENT ZONING: PROPOSED LAND USE: OFFICE, WAREHOUSE, MANUFACTURING 11.37 AC. (495,340 SF) TOTAL SITE AREA: BUILDING: 78,682 SF 1st FLOOR EXISTING 536 SF 2nd FLOOR EXISTING 1,483 SF 2nd FLOOR NEW 80,701 SF 54,134 SF PHASE 2 34,291 SF 1st FLOOR 88,425 SF 2nd FLOOR 25,866 SF FUTURE EXPANSION (ESTIMATED) 1st FLOOR PARKING REQUIRED PARKING CALCULATED PER OWNER PROVIDED EMPLOYEE & SHIFT DATA REFERENCE VARIANCE REQUEST SUBMITTED WITH SITE PLAN EMPLOYEES PER SHIFT = 60 ON 50% STAGGERED/OVERLAPPING SCHEDULE EMPLOYEE PARKING SPACES REQUIRED = 90 SPACES VISITOR PARKING SPACES REQUIRED = 20 SPACES TOTAL PARKING SPACES REQUIRED = 110 SPACES TOTAL PARKING SPACES PROVIDED = 146 SPACES ACCESSIBLE SPACES REQUIRED = 5 SPACES ACCESSIBLE SPACES PROVIDED = 5 SPACES

*SPACES ARE INCLUDED IN TOTAL ABOVE

OWNER:

ALVAPLAST U.S. DEVELOPMENT, LLC CONTACT: CAROLINA MOLINA 1480 JUSTIN ROAD ROCKWALL, TX 75087 469.402.1232

ARCHITECT:

PROSS DESIGN GROUP, INC CONTACT: ROBERT PROSS 5310 HARVEST HILL RD., SUITE 180 DALLAS, TX 75230 972.759.1400

WITNESS OUR HANDS, this 4 day of March 2013

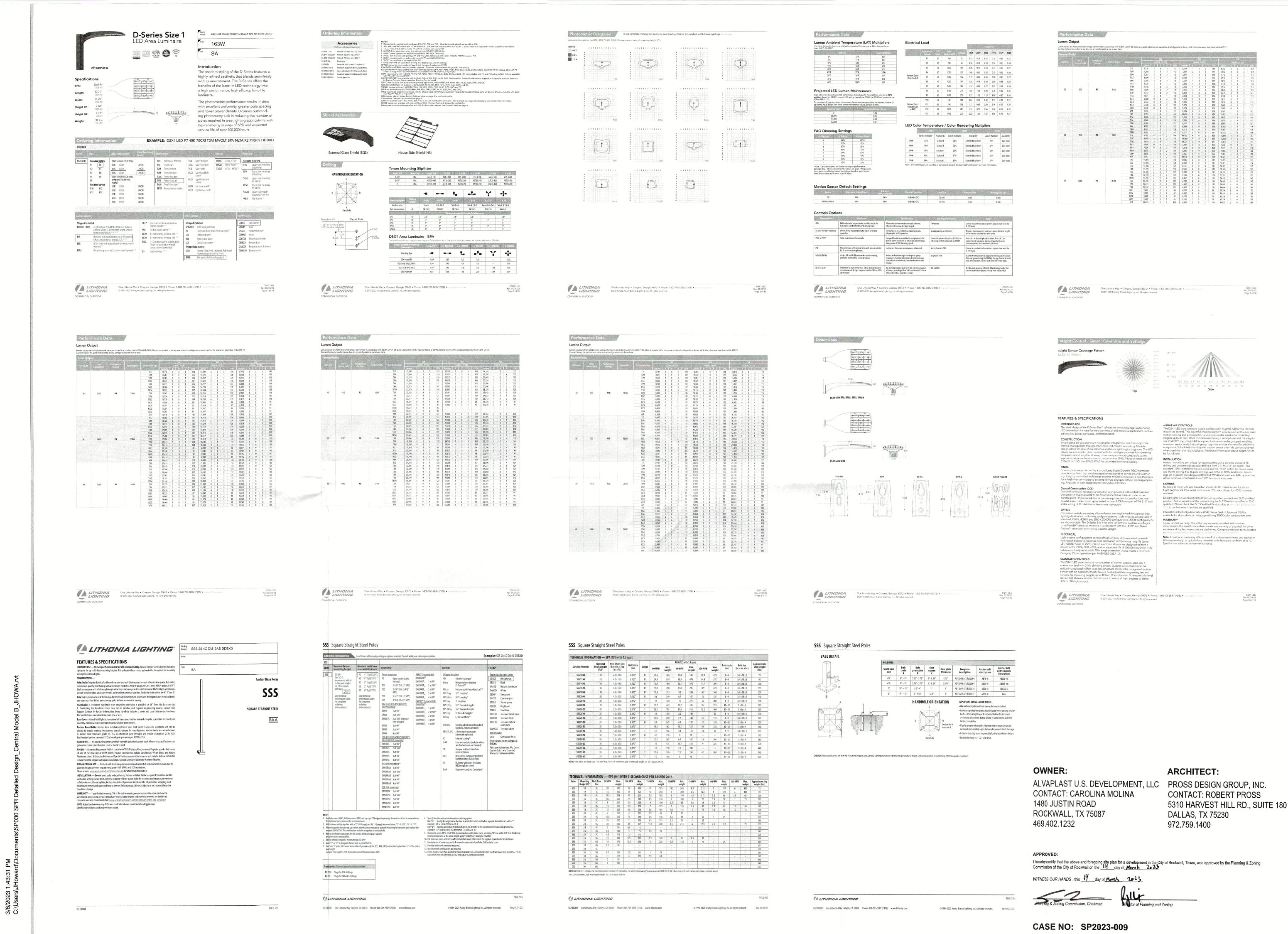
CASE NO: SP2023-009

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03/07/2023

job no 13597.030 ELECTRICAL

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F A C A N A L

job no 13597.030 ELECTRICAL

Compatibility table for suitable uses,
CONSTRUCTION — Compact, low-profile, architectural design with die-cast aluminum housing.
Finishes are texturized proder coat paint for dark bronze, white, black and non-texturized for natural aluminum. Its st witch indicator light and remote enabled are located on the bottom of the housing and are easily accessible and visible from the floor.

OPTICS —LEBs with 170 of 55,000 hours. Delivers 630 lumens in Korn-On and Emergency operation, Optional Field configurable for wide and forward throw distribution (MIS-Patent Pending). Outdoor wide throw distribution: 70 (3) path of egress) at 3.5' mounting height with 1FC Average. 4,000K correlated color temperature (CCT).

ELECTRICAL — UVOLT (120 thm 347V, 50/60hz). Current-limiting charger maximizes battery life and minimizes energy consumption to provide low operating costs. Small battery chargers Certified in the CA Title 20 Appliance Efficiency Database Short-circuit protection — current-limiting charger circuitry protects printed circuit board from shorts.

Regulated charge voltage maintains a stable charge voltage over a wide range of line voltages. requactor tange or the memory and the state of the state Remote units (OELR) are normally off. Emergency only functionality with DC power from an external hartery

SELF-DIAGNOSTICS AND REMOTE TEST (SDR TOPTION): Automatic 24-hour recharge after a 90-minute discharge. Advanced electrical design provides constant light output throughout the entire discharge period for non-CW batteries. (For cold weather and cold temperature applications, the light may diminish though the discharge cycle, florowrout protection is automatically switched to emergency mode when supply voltage drops below approximately 30 percent nominal of 120, 220, 277 or 3-9. Other imput voltages may vary AC/VDV set-stellows battery connection before AC power is applied and prevents battery damage from deep discharge. Self-Diagnostics: Continuously monitors AC functionality. Standard derangement monitoring will indicate disconnected battery, charger failure and displays green flashing indicator light while in emergency mode. Single multi-chromatic LED indicator to display two-state charging, test activation and three-state self-diagnostics.

MOUNTING NSTALLATION — Wall mount: typically meets 7.5' to 14' mounting height from ground or floor. Power supplied by either mounting directly to a 4" square or 4" octagon j-box (wall mount) and accepts rigid or flex conduit.

MOUNTING
All dimensions are Inches (centimeters).
Shipping weight: 3.5 lbs. (1.59 lbgs.) LISTINGS — UL wet location listed standard at 32-122°F (0-50°C). Unit with CW battery(cold weather) listed for -20°E to 122°F (-40°Ls 50°C). Meets or exceeds all applicable requirements for UL 924, NFPA 101 (current Life Safety code), NFPA 70 (NEC), NOM (Norma Oficial Mexicana), California Energy Commission Title 20 section 1605.3 (W)(4), FCC Title 47, Part 15, Subpart B and OSHA. List and labeled to comply with Canadian Standards (22.2 No. 141-10. Meets City of Chicago Code. of Chicago Code.

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(ii) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acutobtanck.com/buy-american for additional information.

WARRANT — S-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acutivbrands.com/support/ustmeri-upport/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All solutes are defended provide status repeasaged in direct behaviors, confidence at 25°C.

† Small Battery Chargers Certified in the CA Title 20 Appliance Efficiency Database:

Specifications subject to change without notice.

All values are design or typical values, measured under laboratory conditions at 25 °C.



without photocell (white)

with photocell (white)

Series Unit Type' Housing Color Voltage Battery Type Automatic Testing Optics Options AFF AFFAIRTY
Premium

PEL Photocell:
Normally-ON
with internal
battery

OEL Normally-OF
With internal
battery

DEL Normally-OF
OEL Normally-OF
Uniformate
DEL Normally-OF
DETAIL NORMAL N **AFFINITY** REMOTE MODELS listed for -40°F to 122°F (-40° to 50°C)

Notes

1 AFF with internal battery is not remote capable. ORDERING INFORMATION For the shortest lead times, configure product using **bolded options**. Example: AFF OELR DWHGXD WT Series Unit Type Housing Color Voltage AFF AFFINITY
Premiturn

OELR Remote fixture, Normally OFF (requires external battery source)

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DETER DDBTXD Dark bronze textured FCT optics ships standard in the WT (wide throw) mode. Upon installation, configuration can be changed to the FCT mode.

RTKIT Remote test kit, up to 40' away (includes goggles, laser and battery)

SELF-POWERED MODELS

AFF SPACING GUIDELINES

Accessories: Order as separate catalog number.

AFF Affinity® Premium Die-Cast Architectural Emergency Light

Example: AFF PEL DWHGXD UVOLT LTP SDRT WT

Maximum Spacing Guidelines - AFF (WT) Mounting lilumination | Single Luminaire | Mouttiple Luminaire | Level | 3 Path of Egress | 5 Egres Mounting Highmination Level 3-Path of Egress Egress Application Notes* 1FC Avg 35' 35' 200' Open Space 80'50/20 reflectances 31' N/A * Also meets the additional illumination requirements of NFPA 101: 1FC minimum and max/min ratio of 40:1. LITHONIA LIGHTING

LISTED US BC ROHS ZO FC BAA

with photocell (dark bronze)

Length: 6 1/2 (16.51) Depth: 3 27/100 (8.30)

D-Series Size 1 LED Wall Luminaire d"series Specifications Back Box (BBW, E20WC) Luminaire

Depth: Height: W H

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

46W

Lumen Output

AFF Affinity® Premium Die-Cast Architectural Emergency Light SPECIFICATIONS Electrical: Primary Circuit Unit Type | Battery Type | Input Voltage(V) | Input Current(A) | Watts(W) *OELR watts data is in addition to the lamp heads on the product Lithium fron Phosphate
 Type
 Voltage
 Typical Life¹
 Maintenance²
 Temperature range^x¹

 STD
 12.89
 1 year
 6-8 years
 none
 32 - 122°F (0 - 50°C)

 CW
 12.89
 1 year
 6-8 years
 none
 -22 - 122°F (30 - 50°C)

A LITHONIA LIGHTING EMBRGENCY: One Lithonia Way, Conyers, 6A 30012 Phone: 800-705-SERV (7378) Techsupport-emergency/sraultybrands.com www.lithonia.com © 2019-2022 Acuity Brands Lighting, Inc. All rights reserved. Perv. 11,706/22

Performance Data

these factors to	determine relative lu	umen output for av	「)Multipliers		Electr	ical Load			(88)		mre A			
torent temperature	es from 0-40°C (32-1		17495-1601		500000	PSHEED STREET	<u>inadalisana</u>	CONTRACTOR OF THE PARTY OF THE	W. State		abido (Editor.		
POT.	2205	Tarrien Molti	1112/00/2		17.36	mh		120V	208V	240V	277¥	347V	480V	
0°ζ	32°F	1.02	-		-arrantati	350	14 W	0.13	0.07	0.06	0.06	A A SOME STATE OF	coesconico.	
10°C	50°F	1.01	amonton appl		105	530	20 W	0.19	0.11	0.09	0.08			
20°C	68°F	1.00	diamentology		10€	700	27 W	0.25	0.14	0.13	0.11			
25℃	77°F	1.00				1000	40 W	0.37	0.21	0.19	0.16			
30℃	86°F	1.00				350	24 W	0.23	0.13	0.12	0.10		Participation of the Control of the	
40°C	104°F	0.98			200	530	36 W	0.33	0.19	0.17	0.14	-		
ata references the atform in a 25°C as	ED Lumen N extrapolated perform mblent, based on 10 per IESNA TM-21-1	mance projections 0.000 hours of LEC	e for the DSXW1 LED 20C 1000 testing (tested per IESNA LM-		200	700	47 W 74 W	0.44	0.25 0.40	0.22	0.19	0.15 0.23	0.17	NAS MASSAGE
calculate LLE use	the lumen maintena	some factor that one	responds to the desired number			Oimmed State	Motio	n Senso tigh Level (20/0/8/19/10/00	It Settin	on waterstream	losell	T Ramoun	Ramo duwn
operating hours b	elow. For other lume	en maintenance va	lues, contact factory.	Option				nigge-e	d)	Opera	01.2	lime		line
	0	25,000	50,000 100,000	PIR or PIRH		3V (37%) Outpo		OV (100%) (Enabled		5 min	3 sec	5 min
				*PIR1FC3V or PIRI	H1FC3V	3V (37%) Outpo	nt 1	OV (100%) (Output	Enabled	@ IFC	5 min	3 sec	5 min
Carren inguistropie Factor	1.0	0.95	0.93 0.88	"For use when motio	on seasor is a	sed as dusk to da	wn control	1						
Property of the State of the St	MANAGEMENT OF THE PARTY OF THE													
1.0 fc	1	TZM	Tour No. 2007/7/2 transit	13M 17 July 100 July		2.5	7	Fest Ho. 2299722 tessection ESSA CA. 79-66.	LLOw TWF2	= 0.95	TWF2: 291W DSXW1 C TWF2 25	ED 20C AG	IX 1000 T3M, 15" Mounting F	OSXW1: 7.4W
Options	and Acce	ssories				>							I	
Т3	M (left)		HS - House-side shields	BSW - Bird-d	leterrent	pikes		VG - Vano	ial guar	d		DDL - Di	ffused drop	lens
The energy savir choice for buildi CONSTRUCTIO Two-piece die-ca through conduct	ngs, long life and ei ng-mounted door NN ist aluminum housir live and convective	nasy-to-install desi way and pathway ng has integral he cooling. Modular	gn of the D-Series Wall Size 1 ma illumination for nearly any facility at sink fins to optimize thermal m design allows for ease of mainter	inagement ance. The LED	uncluc quick brack LISTIF CSA c	et via corrosion NGS entified to U.S AMERICAN A	ellation. (n-resista i. and Ca	Luminaire nt screws madian st	has a sl andards	otted gas	sket wire or -40°C	minimu	attaches to n ambient.	the mounting
FINISH Exterior parts as that provides su	using is completely re protected by a a perior resistance t	r sealed against m zinc-infused Supe to corrosion and	om the light engines for low opers obsture and environmental contain or Durable TGIC thermoset pois weathering. A tightly controlled inish that can withstand extrems	der coat finish	wari Five-y	roduct is asserted and a control of the control of	FAR, DF	ARS and additiona his is the	DOT re I inform only war	gulations ation manty pro	. Please	refer to	ezev ocultyb	nands.com/

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-890-705-SERV (7378) • wow.htt © 2013-2023 Acuity Brands Lighting, Inc. All rights reserved.

Site Lighting Fixture Schedule Type Mark Description Manufacturer Model Voltage | Wattage | Count | EXTERIOR - LED EMERGENCY LITHONIA AFF PEL DDBTXD UVOLT LTP SDRT FCT CW UVOLT 20 W 4 LIGHT LIGHTING EXTERIOR - LED POLE LIGHT | LITHONIA DSX1 LED P6 50K 70CRI T4M MVOLT SPA PIR BSDB MVOLT 163 W 17 LIGHTING DDBXD EXTERIOR - LED WALL PACK | LITHONIA DSXW1 20C 700 50K T2S MVOLT PIRH SF BSW MVOLT | 46 W | 17 LIGHTING DDBXD

OWNER:

ALVAPLAST U.S. DEVELOPMENT, LLC PROSS DESIGN GROUP, INC. CONTACT: CAROLINA MOLINA 1480 JUSTIN ROAD ROCKWALL, TX 75087 469.402.1232

ARCHITECT: CONTACT: ROBERT PROSS

5310 HARVEST HILL RD., SUITE 180 DALLAS, TX 75230 972.759.1400

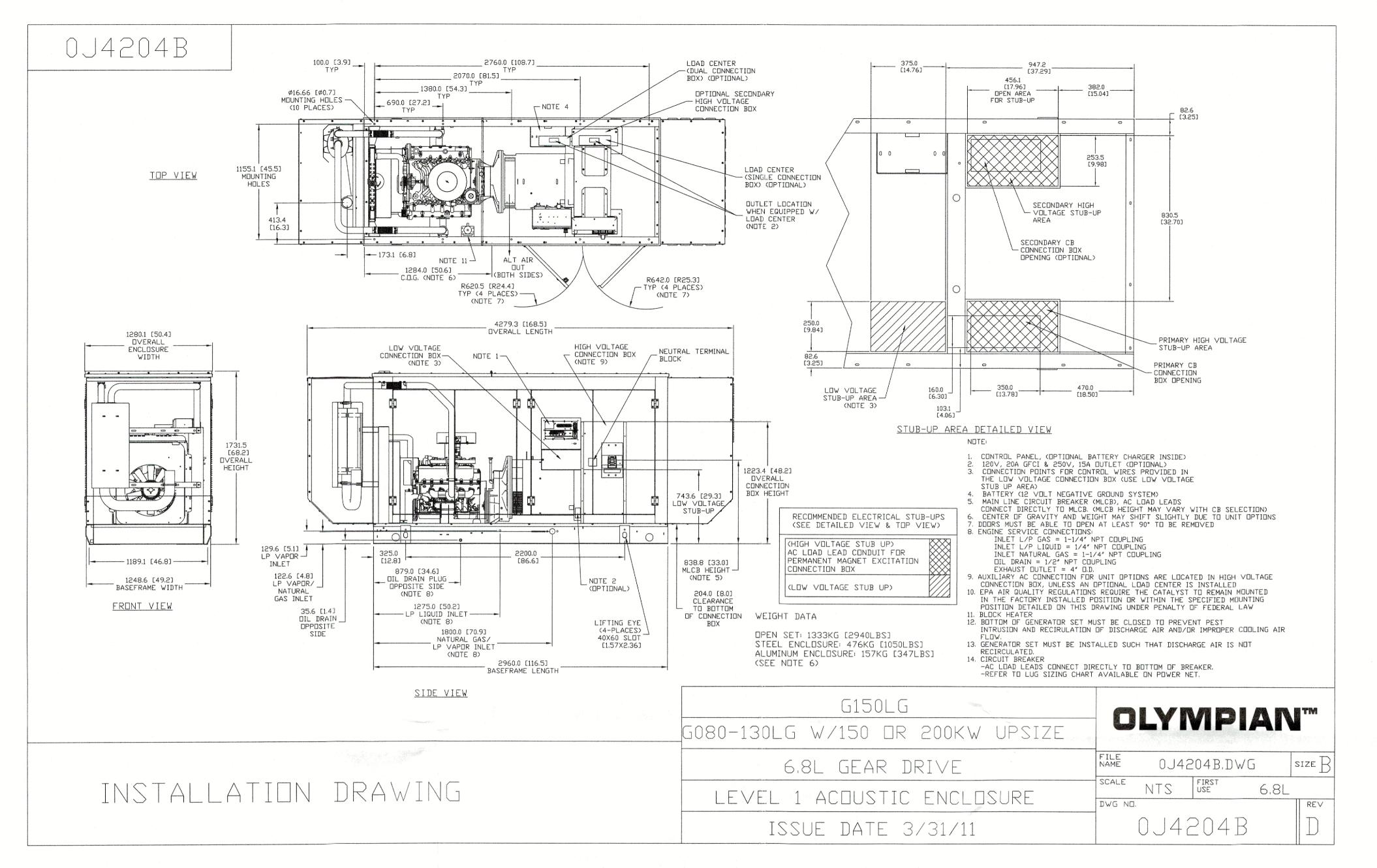
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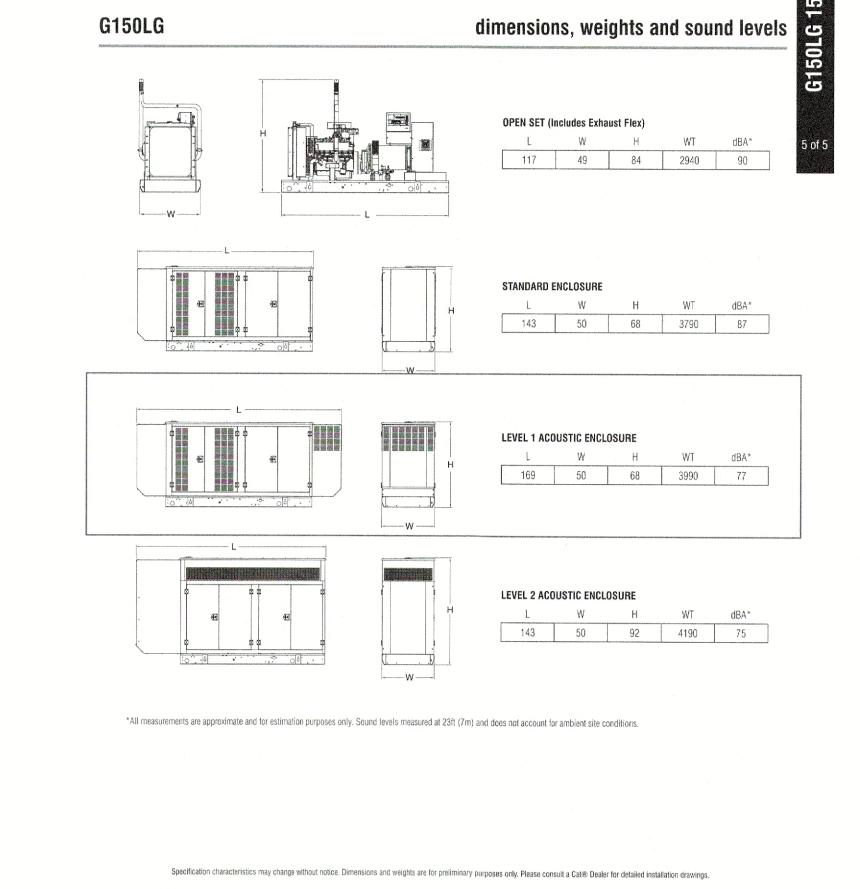
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03/07/2023

job no 13597.030 **ELECTRICAL**

E1.3





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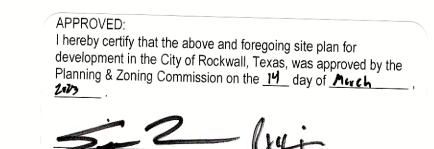
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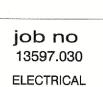
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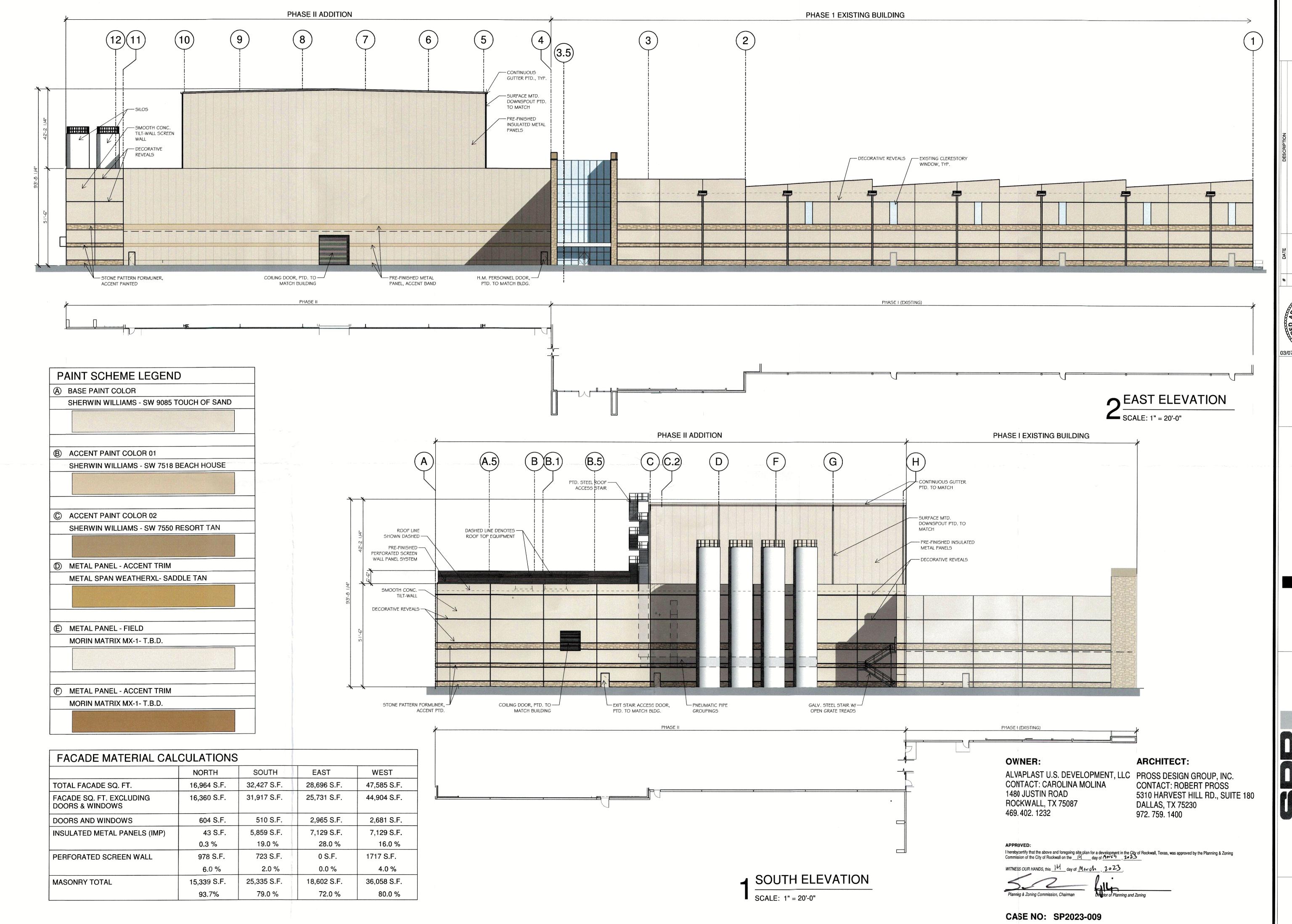
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SPR NORTH ROCKWALL



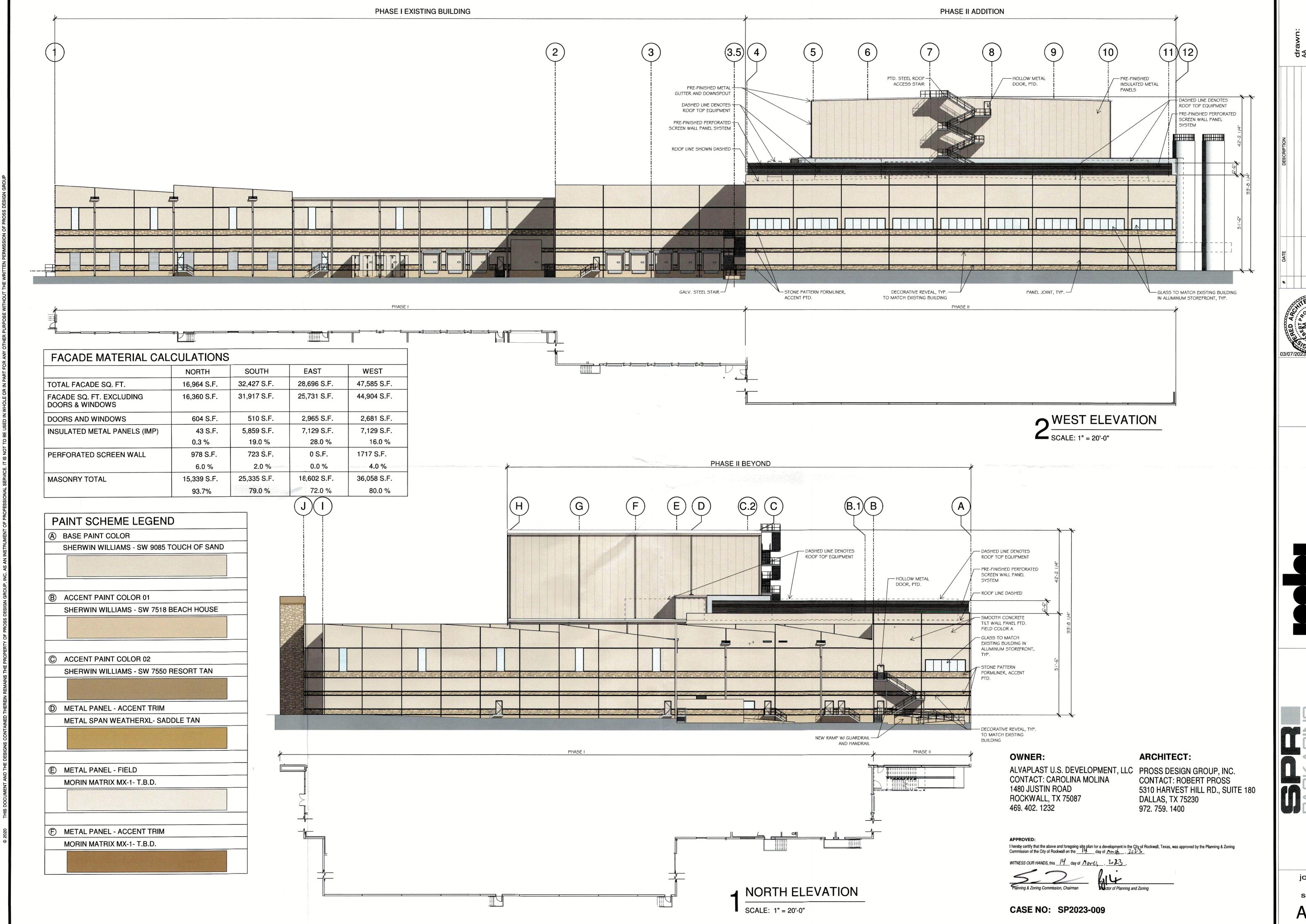
2033 sheet

job no

PHASE

8

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pross design group, incorporated

PACK AGING
PR NORTH - PHASE II

job no ²⁰³³ sheet

A3-1

▲ LINE-OF-SIGHT STUDY SCALE: 1" = 20'-0"

OWNER:

ARCHITECT:

ALVAPLAST U.S. DEVELOPMENT, LLC
CONTACT: CAROLINA MOLINA
1480 JUSTIN ROAD
ROCKWALL, TX 75087
469. 402. 1232

PROSS DESIGN GROUP, INC.
CONTACT: ROBERT PROSS
5310 HARVEST HILL RD., SUITE 180
DALLAS, TX 75230
972. 759. 1400

WITNESS OUR HANDS, this 14 day of March , 2023.





CASE NO: SP2023-009

NORTH SPR

job no 2033 sheet

A3-2