

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

#### **DEVELOPMENT APPLICATION**

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

TAFF	USE	ONLY	_

PLANNING & ZONING CASE NO.

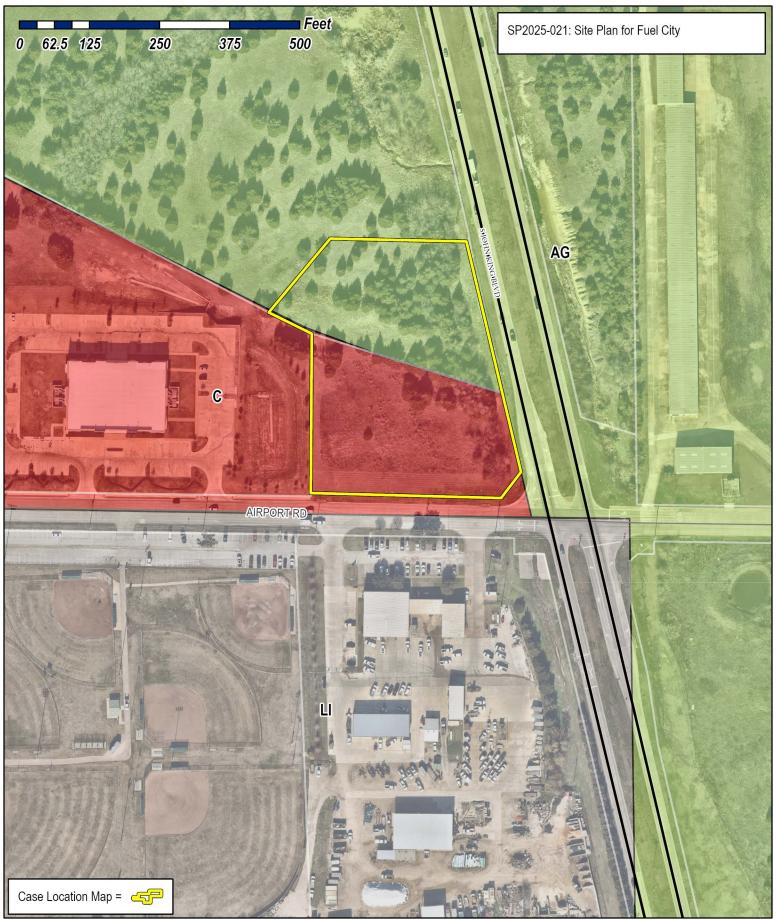
<u>NOTE:</u> THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

Notary 1D 134596025

**DIRECTOR OF PLANNING:** 

CITY ENGINEER:

	CIT ENGINEER.					
PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF D	DEVELOPMENT REQUEST [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)  SPECIFIC USE PERMIT (\$200.00 + \$15.00 ACRE)  PD DEVELOPMENT PLANS (\$200.00 + \$15.00 ACRE)  OTHER APPLICATION FEES: TREE REMOVAL (\$75.00) VARIANCE REQUEST/SPECIAL EXCEPTIONS (\$100.00)  NOTES: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.  A \$1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.					
PROPERTY INFORMATION [PLEASE PRINT]	<u> </u>					
ADDRESS						
SUBDIVISION A0020 N Butler, Tract 4-06	LOT BLOCK					
GENERAL LOCATION Northwest of John Kind Blvd and A	sirport Rd					
ZONING, SITE PLAN AND PLATTING INFORMATION (PLEASE F	·					
current zoning Commercial District (C)	CURRENT USE N/A					
PROPOSED ZONING Commercial District (C)	PROPOSED USE Gas Station/ Car Wash					
ACREAGE 4.34 acres LOTS [CURRENT]	LOTS [PROPOSED]					
SITE PLANS AND PLATS: BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STRESULT IN THE DENIAL OF YOUR CASE.						
OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHEC	CK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]					
□ OWNER Fuel City	□ APPLICANT <b>Kimley-Horn</b>					
CONTACT PERSON Joseph Bickham C	CONTACT PERSON Jared Earney					
ADDRESS	ADDRESS 225 E. John W. Carpenter FWY, Ste	e 1100				
CITY, STATE & ZIP	CITY, STATE & ZIP Irving, TX 75062					
PHONE <b>469-203-0159</b>	PHONE 817-900-8528					
E-MAIL jbickham@fuelcity.com	E-MAIL jared.earney@kimley-horn.com					
NOTARY VERIFICATION [REQUIRED] BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FO	JOSEPH BICKHEIM [OWNER] THE UNDERSIGNI	ED, WHO				
THEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL  TO COVER THE COST OF THIS APPLICATION, HAS I  TO COVER THE COST OF THIS APPLICATION, I AGREE  SUFFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS A  SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCI	BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFO	ON FEE O DAY O O PROVID ORMATION				
GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 15 DAY OF 100 D	GLORIA AGUIRR  Solve State of Comm. Expires 10.09	f Texas				



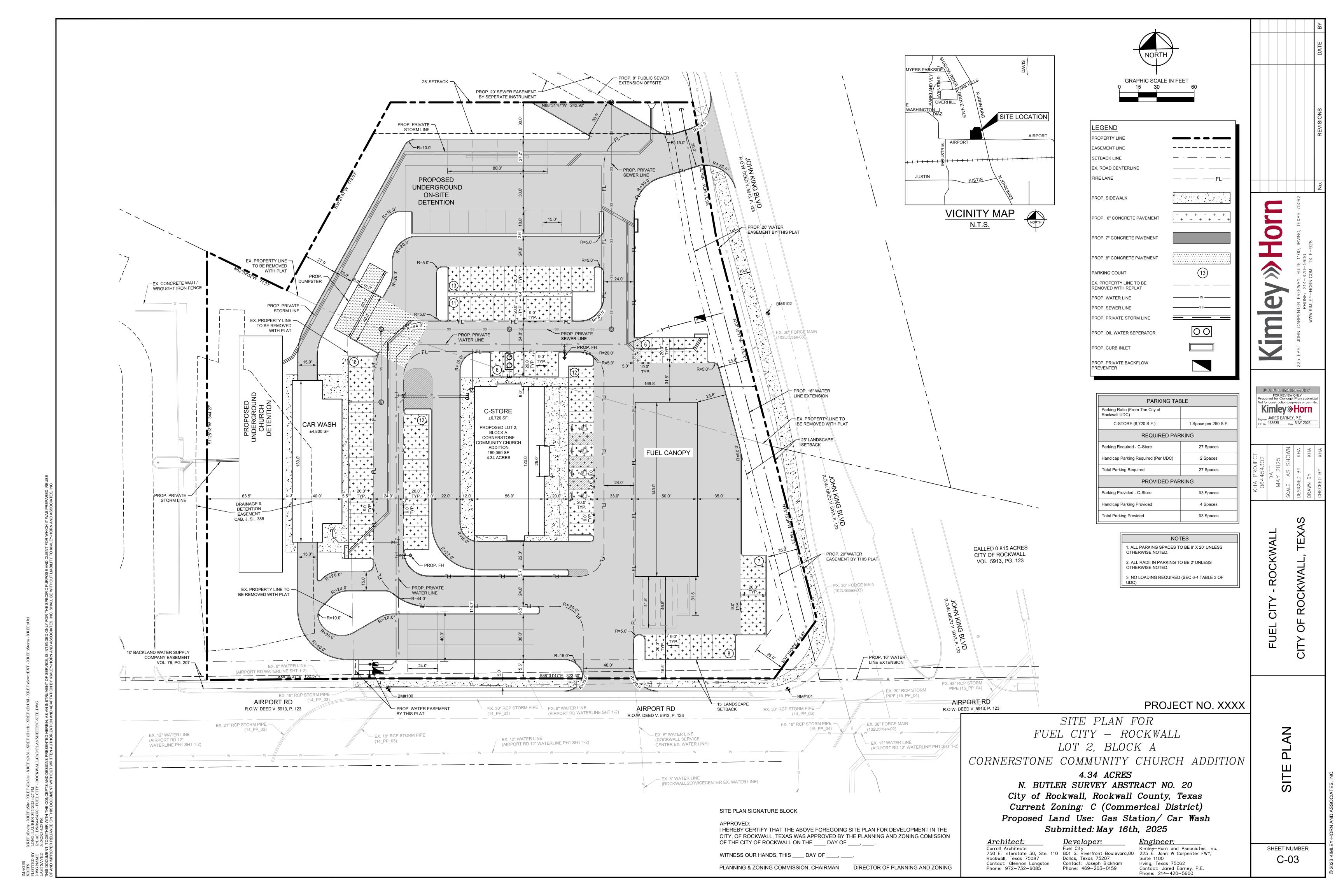


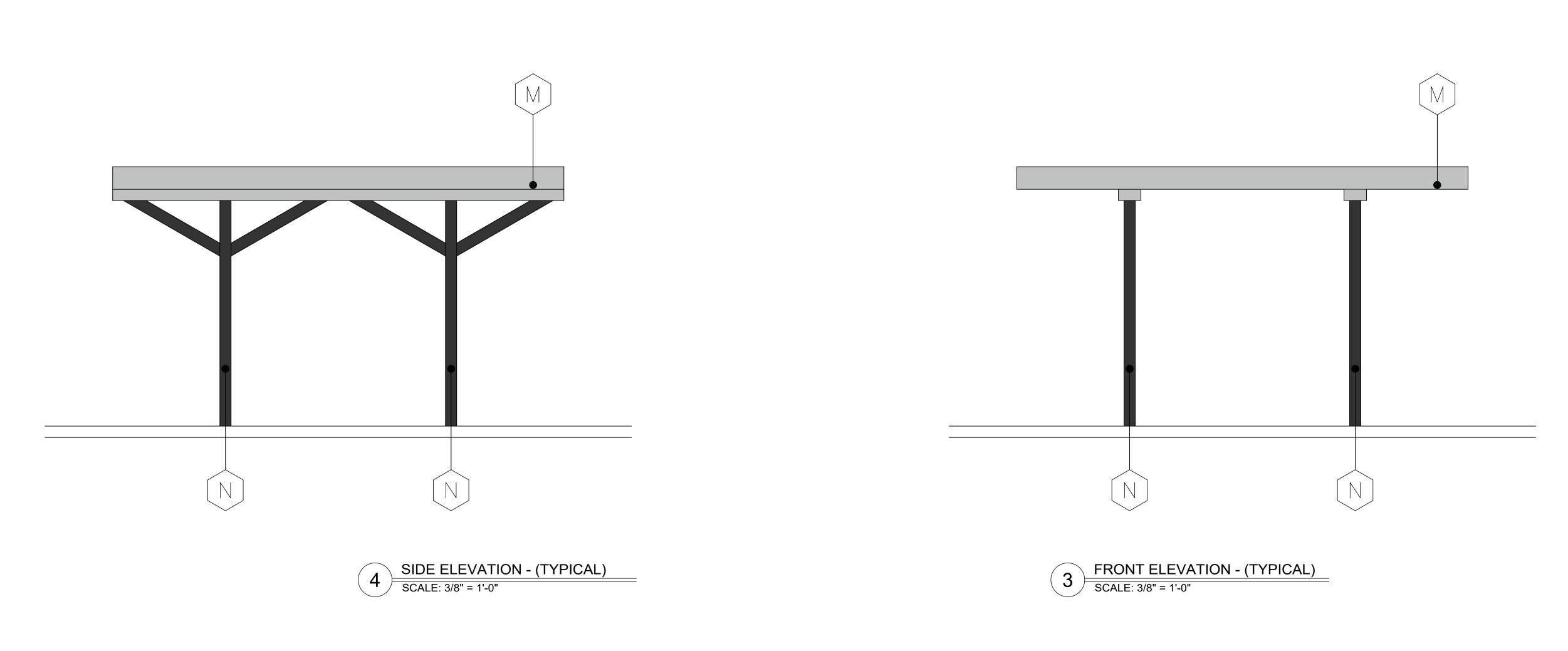
## City of Rockwall Planning & Zoning Department 385 S. Goliad Street Rockwall, Texas 75087

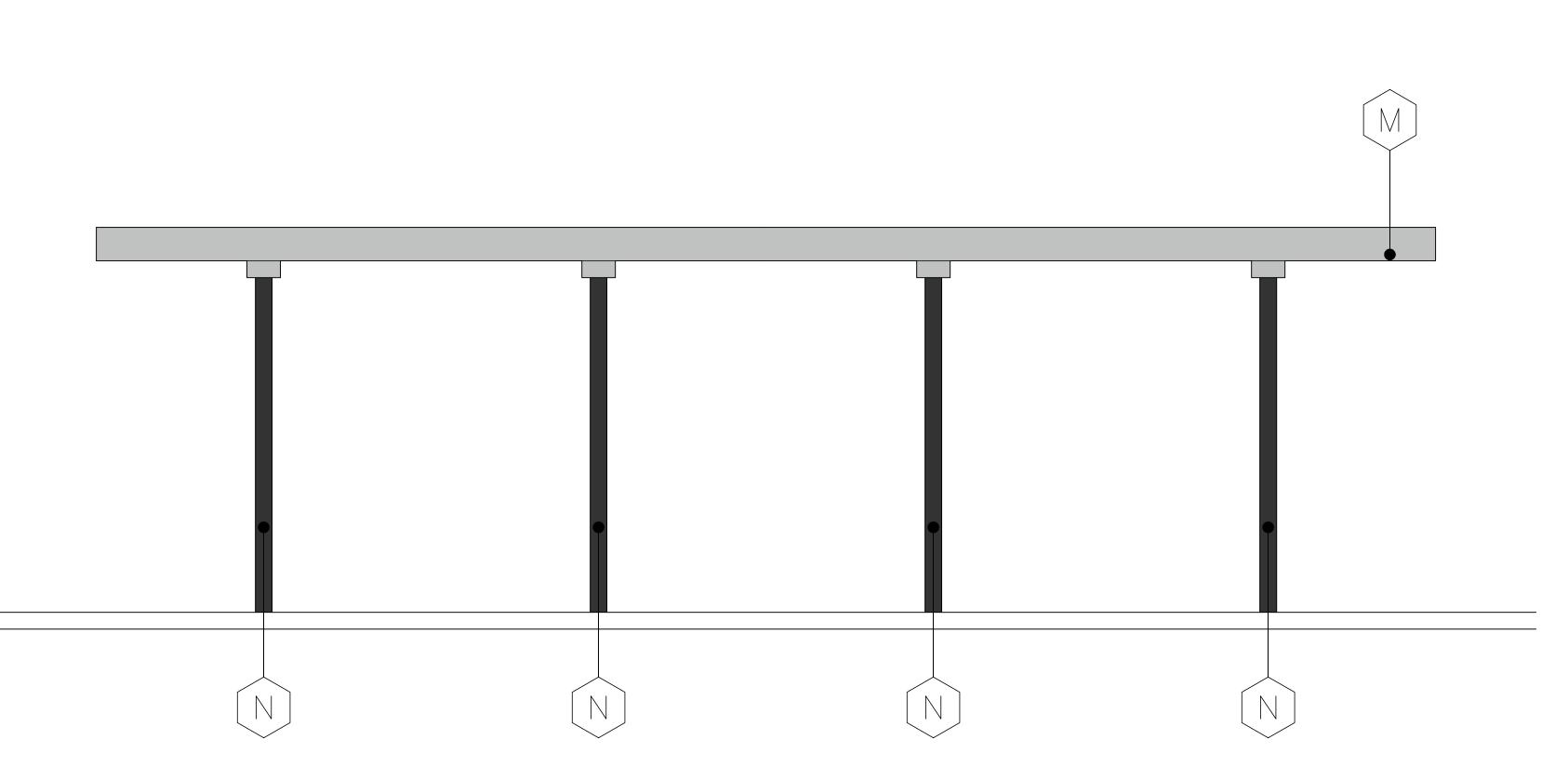
(P): (972) 771-7745 (W): www.rockwall.com

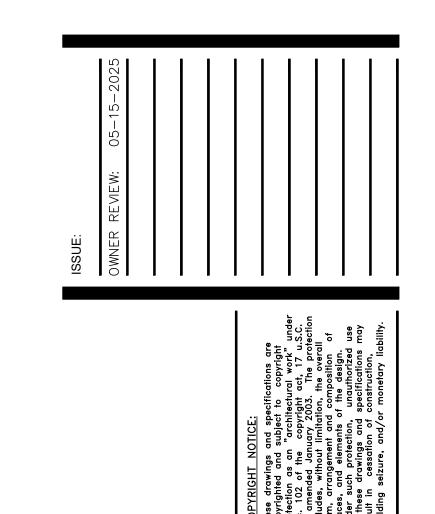
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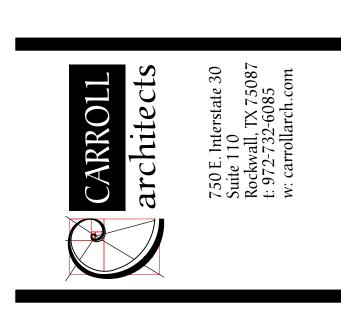








FUEL CITY
Rockwall, Texas 75087



MONUMENT SIGN ELEVATION

DATE: SHEET NO:

MAY 2025

PROJECT NO:

2024074

DRAWN BY:

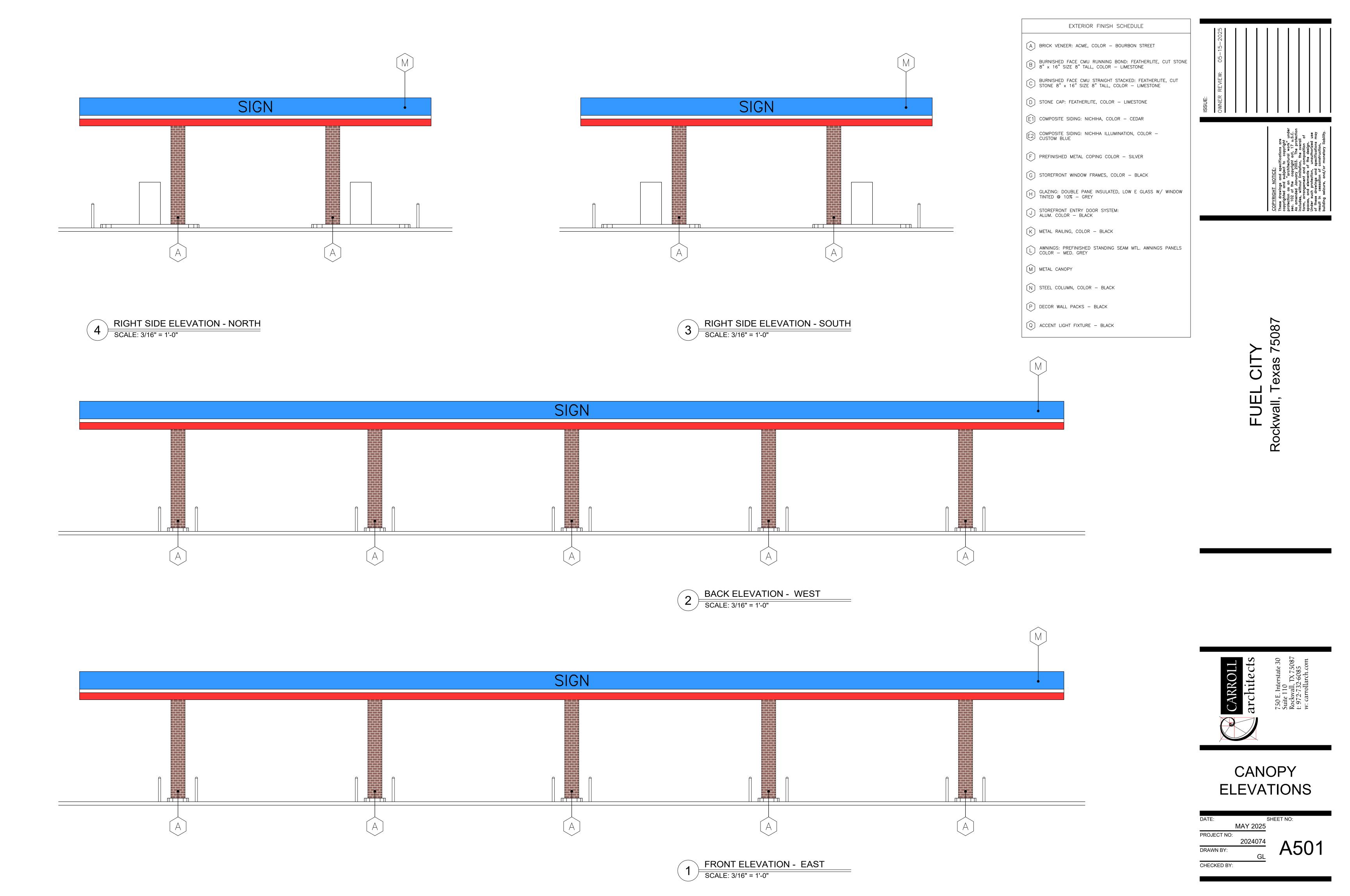
GL

SIDE ELEVATION - (TYPICAL)

SCALE: 3/8" = 1'-0"

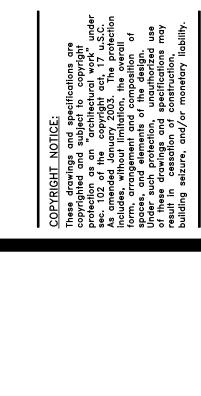
1 FRONT ELEVATION - (TYPICAL)

SCALE: 3/8" = 1'-0"

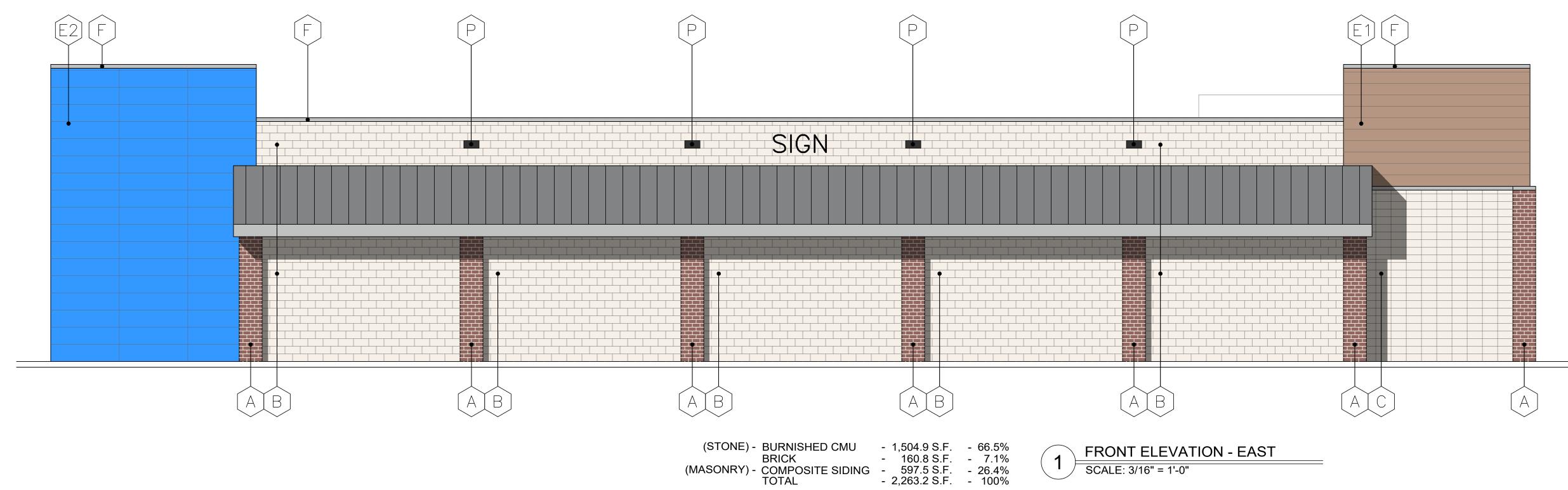


EXTERIOR FINISH SCHEDULE

- (A) BRICK VENEER: ACME, COLOR BOURBON STREET
- B BURNISHED FACE CMU RUNNING BOND: FEATHERLITE, CUT STONE 8" x 16" SIZE 8" TALL, COLOR LIMESTONE
- BURNISHED FACE CMU STRAIGHT STACKED: FEATHERLITE, CUT STONE 8" x 16" SIZE 8" TALL, COLOR LIMESTONE
- (D) STONE CAP: FEATHERLITE, COLOR LIMESTONE
- (E1) COMPOSITE SIDING: NICHIHA, COLOR CEDAR
- COMPOSITE SIDING: NICHIHA ILLUMINATION, COLOR CUSTOM BLUE
- F PREFINISHED METAL COPING COLOR SILVER
- G STOREFRONT WINDOW FRAMES, COLOR BLACK
- H GLAZING: DOUBLE PANE INSULATED, LOW E GLASS W/ WINDOW TINTED @ 10% GREY
- STOREFRONT ENTRY DOOR SYSTEM: ALUM. COLOR BLACK
- K METAL RAILING, COLOR BLACK
- AWNINGS: PREFINISHED STANDING SEAM MTL. AWNINGS PANELS COLOR MED. GREY
- M METAL CANOPY
- (N) STEEL COLUMN, COLOR BLACK
- (P) DECOR WALL PACKS BLACK
- Q ACCENT LIGHT FIXTURE BLACK



75087 5 FUEL Rockwall,



BRICK - 84.6 S.F. - 13.5% (MASONRY) - COMPOSITE SIDING - 237.7 S.F. - 37.8% TOTAL - 628.4 S.F. - 100%

FRONT ELEVATION - EAST

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

(STONE) - BURNISHED CMU - 306.1 S.F. - 48.7%
BRICK - 84.6 S.F. - 13.5%
MASONRY) - COMPOSITE SIDING - 237.7 S.F. - 37.8%
- 628 4 S.F. - 100%

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

CARWASH **ELEVATIONS** 

PROJECT NO:

(STONE) - BURNISHED CMU - 958.1 S.F. - 55.7% BRICK - 326.9 S.F. - 19.0% - 433.8 S.F. - 25.6% TOTAL - 1,718.8 S.F. - 100%



(STONE) - BURNISHED CMU - 1,234.9 S.F. - 50.7%
BRICK - 626.4 S.F. - 25.7%
(MASONRY) - COMPOSITE SIDING - 576.7 S.F. - 23.6%
TOTAL - 2,438.0 S.F. - 100%

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

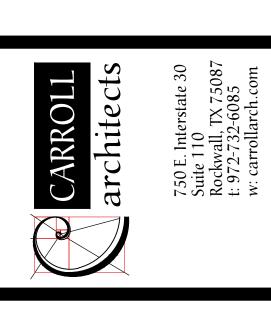
EXTERIOR FINISH SCHEDULE

- A BRICK VENEER: ACME, COLOR BOURBON STREET
- BURNISHED FACE CMU RUNNING BOND: FEATHERLITE, CUT STONE 8" x 16" SIZE 8" TALL, COLOR LIMESTONE
- BURNISHED FACE CMU STRAIGHT STACKED: FEATHERLITE, CUT STONE 8" x 16" SIZE 8" TALL, COLOR LIMESTONE
- D STONE CAP: FEATHERLITE, COLOR LIMESTONE
- (E1) COMPOSITE SIDING: NICHIHA, COLOR CEDAR
- © COMPOSITE SIDING: NICHIHA ILLUMINATION, COLOR CUSTOM BLUE
- F PREFINISHED METAL COPING COLOR SILVER
- G STOREFRONT WINDOW FRAMES, COLOR BLACK
- H GLAZING: DOUBLE PANE INSULATED, LOW E GLASS W/ WINDOW TINTED @ 10% GREY
- STOREFRONT ENTRY DOOR SYSTEM: ALUM. COLOR BLACK
- K METAL RAILING, COLOR BLACK
- AWNINGS: PREFINISHED STANDING SEAM MTL. AWNINGS PANELS COLOR MED. GREY
- M METAL CANOPY
- N STEEL COLUMN, COLOR BLACK
- P DECOR WALL PACKS BLACK
- Q ACCENT LIGHT FIXTURE BLACK

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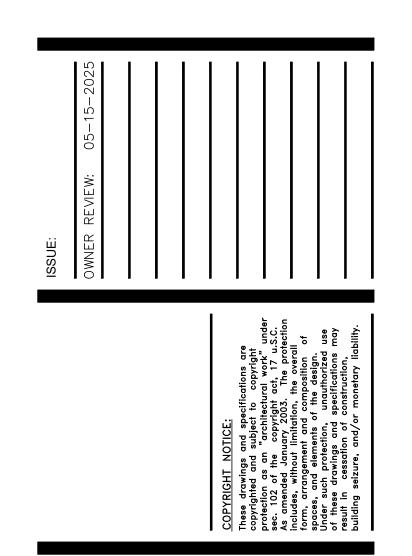
FUEL CITY Rockwall, Texas 75087

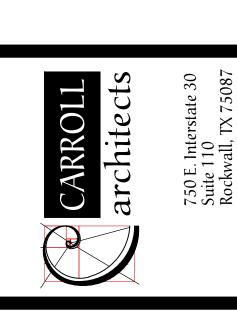


# EXTERIOR ELEVATIONS

DATE:	S	HEET NO:
	MAY 2025	
PROJECT NO:		
	2024074	<b>^ C C</b>
DRAWN BY:		ADU
	GL	, , ,
CHECKED BY:		

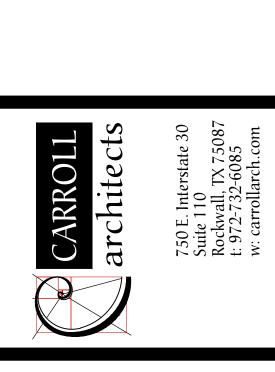






# MONUMENT SIGN ELEVATION

DATE:		SHEET NO:
l	MAY 2025	
PROJECT NO:		
	2024074	Λ <i>Γ</i>
DRAWN BY:		Ab
	GL	, ,
CHECKED BY:		



## VACUUM CANOPY ELEVATIONS

DATE: SHEET NO:

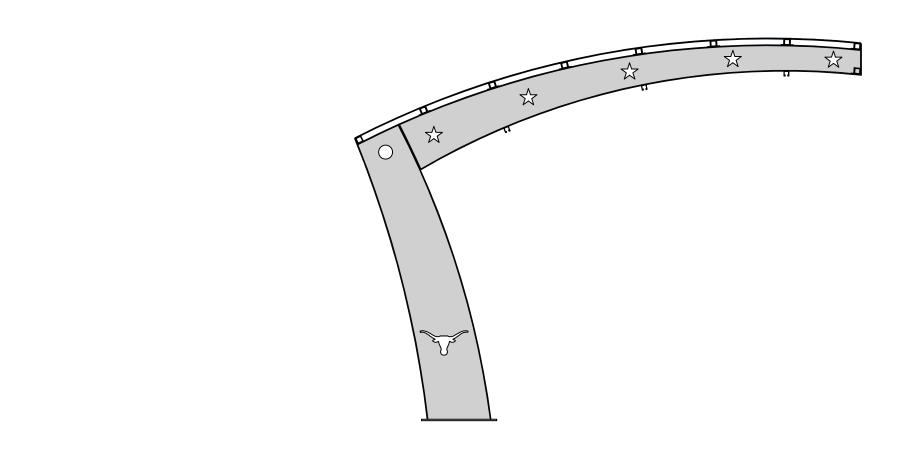
MAY 2025

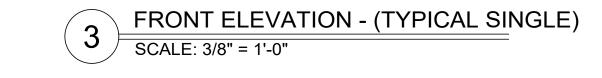
PROJECT NO:

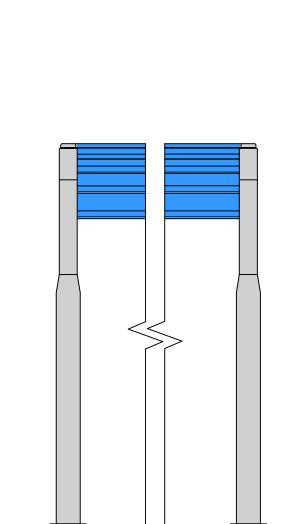
2024074

DRAWN BY:

GL

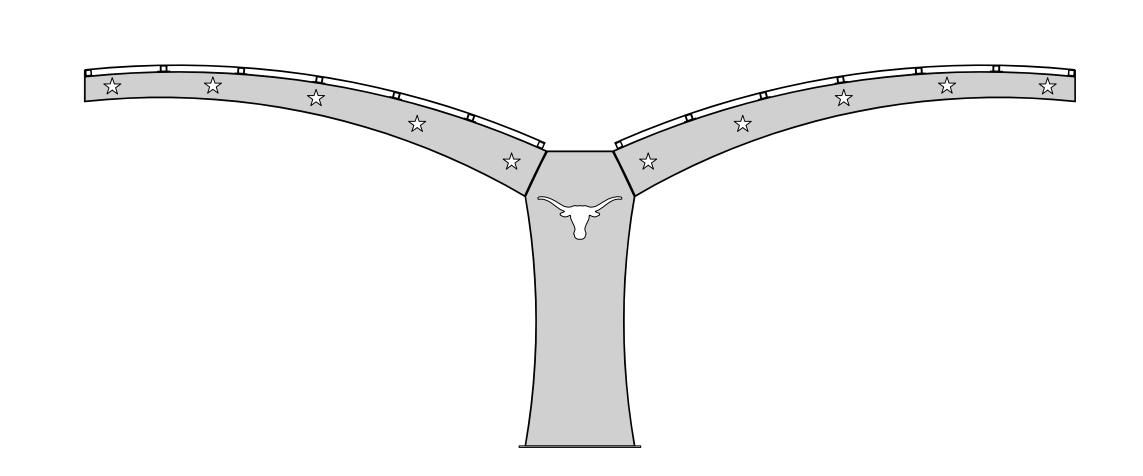






SIDE ELEVATION - (TYPICAL SINGLE)

SCALE: 3/8" = 1'-0"



SIDE ELEVATION - (TYPICAL DOUBLE)

SCALE: 3/8" = 1'-0"

1 FRONT ELEVATION - (TYPICAL DOUBLE)

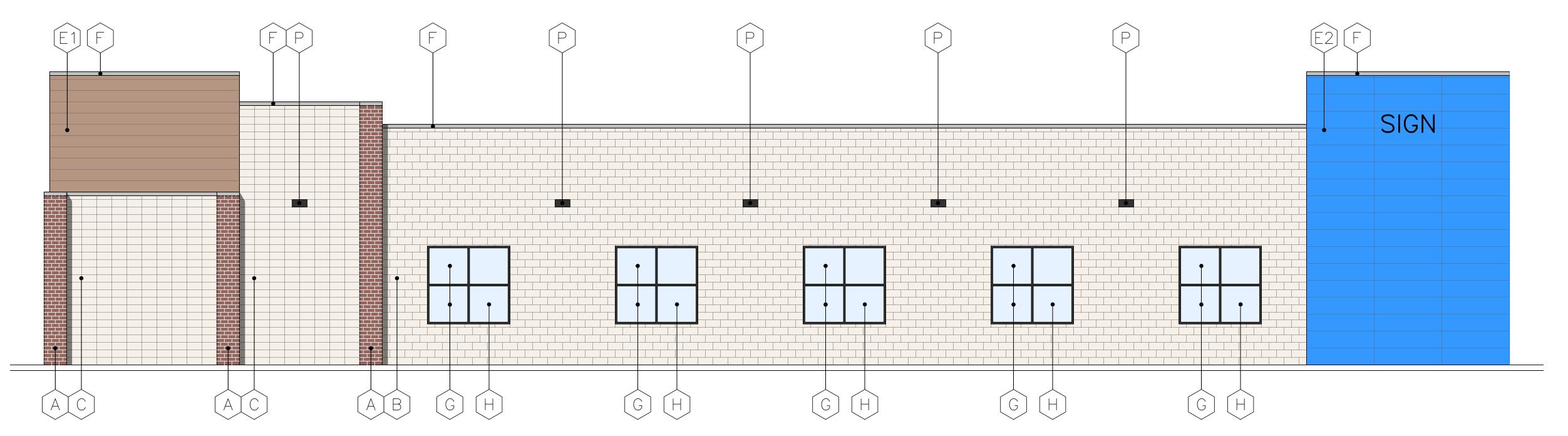
SCALE: 3/8" = 1'-0"



- (A) BRICK VENEER: ACME, COLOR BOURBON STREET
- B BURNISHED FACE CMU RUNNING BOND: FEATHERLITE, CUT STONE 8" x 16" SIZE 8" TALL, COLOR LIMESTONE
- BURNISHED FACE CMU STRAIGHT STACKED: FEATHERLITE, CUT STONE 8" x 16" SIZE 8" TALL, COLOR LIMESTONE
- D STONE CAP: FEATHERLITE, COLOR LIMESTONE
- (E1) COMPOSITE SIDING: NICHIHA, COLOR CEDAR
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- G STOREFRONT WINDOW FRAMES, COLOR BLACK
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- AWNINGS: PREFINISHED STANDING SEAM MTL. AWNINGS PANELS COLOR MED. GREY
- M METAL CANOPY
- (N) STEEL COLUMN, COLOR BLACK
- (P) DECOR WALL PACKS BLACK
- Q ACCENT LIGHT FIXTURE BLACK

75087 5 FUEL Rockwall,

(STONE) - BURNISHED CMU - 153.6 S.F. - 24.3 BRICK - 36.1 S.F. - 5.7% MASONRY) - COMPOSITE SIDING - 443.6 S.F. - 70.0% - 633.3 S.F. - 100%



BRICK - 36.1 S.F. - 5.7% (MASONRY) - COMPOSITE SIDING - 443.6 S.F. - 70.0% TOTAL - 633.3 S.F. - 100%

(STONE) - BURNISHED CMU - 1,932.0 S.F. - 72.3% BRICK - 106.0 S.F. - 4.0% (MASONRY) - COMPOSITE SIDING - 635.9 S.F. - 26.4% TOTAL - 2,673.9 S.F. - 100%

BACK ELEVATION - WEST

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

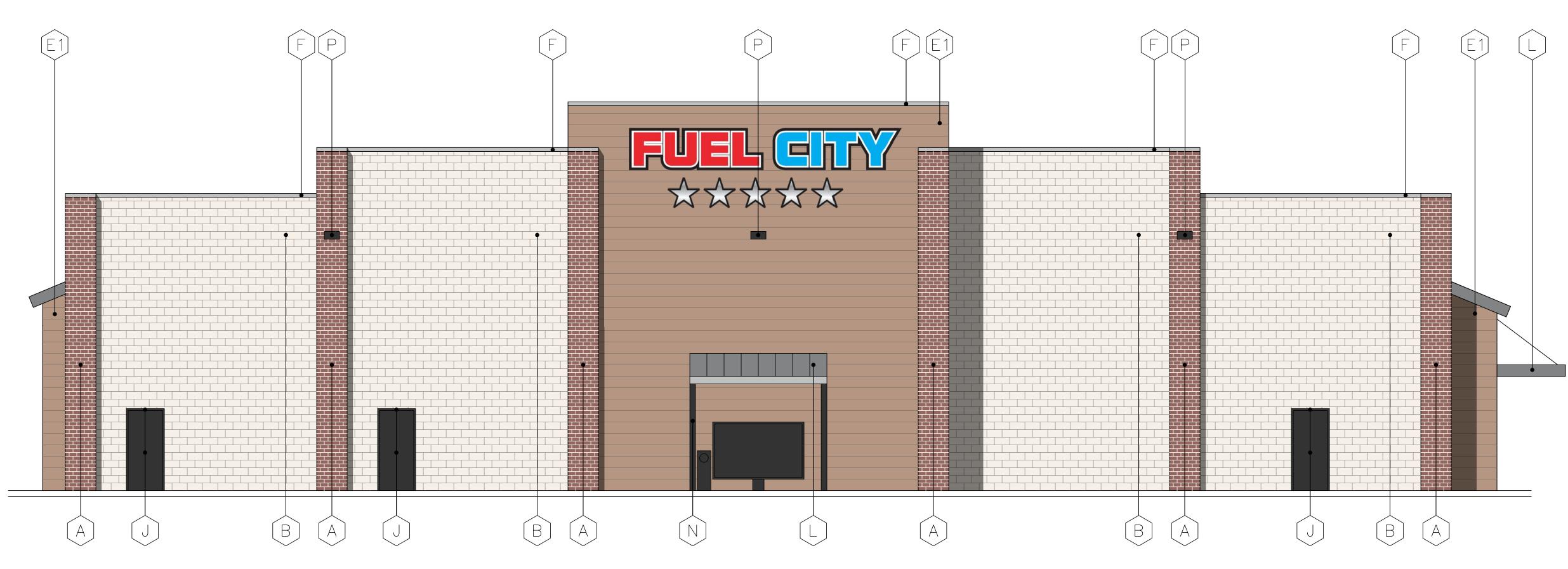
### CARWASH **ELEVATIONS**

PROJECT NO:

EXTERIOR FINISH SCHEDULE

(A) BRICK VENEER: ACME, COLOR - BOURBON STREET

75087 5 FUEL Rockwall,



(STONE) - BURNISHED CMU - 1,984.8 S.F. - 59.3% BRICK - 410.4 S.F. - 12.3% (MASONRY) - COMPOSITE SIDING - 949.1 S.F. - 28.4% TOTAL - 3,344.3 S.F. - 100% BACK ELEVATION - WEST

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

(STONE) - BURNISHED CMU - 883.1 S.F. - 54.8% BRICK - 326.9 S.F. - 20.3% (MASONRY) - COMPOSITE SIDING TOTAL - 1,612.0 S.F. - 100%

## **EXTERIOR ELEVATIONS**

PROJECT NO: 2024074 A502

**AIRPORT ROAD** 

SITE LOCATION AIRPORT VICINITY MAP

#### TREE PRESERVATION LEGEND

EXISTING TREE TO BE REMOVED

L.A. No. 3404 Date 5/15/2025

SHEET NUMBER TP 1.01

### TREE PRESERVATION AND REMOVAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH ISA CERTIFIED ARBORIST AND PROPERTY OWNERS TO VERIFY OBJECTIVES PRIOR TO COMMENCING ANY PRUNING OR TREE REMOVAL ACTIVITIES.

2. ALL CREW MEMBERS SHOULD BE WEARING THE APPROPRIATE SAFETY GEAR: HARD HATS, EYE PROTECTION, APPROVED BOOTS, HEARING PROTECTION, CHAIN SAW CHAPS FOR GROUNDWORK.

3. ANY TREES REMOVED, AND ALL TREE MATERIALS REMOVED SHALL BE REMOVED FROM THE PROPERTY AT THE CONTRACTOR'S EXPENSE

4. ALL TRASH AND DEBRIS FROM ANY CONSTRUCTION RELATED ACTIVITIES SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE, FOLLOWING COMPLETION OF THE PROJECT.

5. ANY DAMAGE TO THE EXISTING LANDSCAPE, PAVEMENT, BUILDING, OR ANY OTHER SITE FEATURES SHALL BE REPLACED BY THE CONTRACTOR AND/OR RESTORED TO PRE-CONSTRUCTION CONDITION.

6. CONTRACTOR SHALL PROVIDE REMOVAL, STORAGE, AND TRANSPLANTING OF EXISTING TREES ON SITE. THE CONTRACTOR SHALL REMOVE EACH EXISTING TREE THROUGH THE USE OF HAND DIGGING, OR WITH THE USE OF AN APPROVED MECHANICAL DEVICE. TREES SHALL BE HARVESTED AS BALLED & BURLAPPED TREE SPECIMENS, PER ANSI Z60 STANDARDS, AND TRANSPORTED TO NEW LOCATION ON SITE, OR AT ALTERNATE SITE AS DIRECTED OR APPROVED BY THE OWNER. CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS NECESSARY TO PROVIDE FOR REMOVAL, PLACEMENT OF BURLAP, PLACEMENT OF WIRE BASKET OR OTHER APPROVED BALL-SUPPORTING DEVICE, TRANSPORT TO TEMPORARY STORAGE AREA, ONGOING MAINTENANCE AND WATERING DURING CONSTRUCTION, AND RE-PLANTING TO BE PERFORMED UPON COMPLETION OF MAJOR SITE WORK. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE GUIDELINES AND RECOMMENDATIONS SET FORTH IN THE AMERICAN STANDARDS FOR NURSERY STOCK.

CONTRACTOR SHALL NOT REMOVE ANY TREE UNTIL A TREE REMOVAL PERMIT HAS BEEN OBTAINED FROM THE APPLICABLE CITY AUTHORITY. A FORMAL TREE REMOVAL PERMIT MUST BE REQUESTED AND APPROVED PRIOR TO ANY TREE DISTURBANCE OR REMOVAL ACTIVITIES. THESE PLANS DO CONSTITUTE AUTHORIZATION FOR TREE REMOVAL, NOR DO THEY IMPLY APPROVAL FOR SUCH ACTION. APPROVAL OF THESE PLANS BY THE CITY IS REQUIRED AS PART OF THE TREE REMOVAL PERMITTING PROCESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL REQUIRED PERMITS ARE SECURED PRIOR TO COMMENCING WORK.

> SITE PLAN FOR FUEL CITY - ROCKWALL LOT 2, BLOCK A CORNERSTONE COMMUNITY CHURCH

4.34 ACRES

N. BUTLER SURVEY ABSTRACT NO. 20 City of Rockwall, Rockwall County, Texas Current Zoning: C (Commerical District) Proposed Land Use: Gas Station/ Car Wash Submitted: May 16th, 2025

Architect:	Developer:
Carroll Architects	Fuel City
750 E. Interstate 30, Ste. 110	801 S. Řiverfront Boulevo
Rockwall, Texas 75087	Dallas, Texas 75207
Contact: Glennon Langston	Contact: Joseph Bickham
Phone: 972-732-6085	Phone: 469-203-0159

Fuel City

801 S. Riverfront Boulevard,00

Kimley-Horn and Associates, Inc. 225 E. John W Carpenter FWY, Dallas, Texas 75207 Contact: Joseph Bickham

Irving, Texas 75062 Contact: Jared Earney, P.E. Phone: 214-420-5600

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<b>TAG# DB</b> i		common name eastern redcedar	Juniperus virginiana	CONDITION Healthy (5)	MULTIPLE-STEMMED Single	PROTECT OR REMOVE Remove	MITIGATION REQUIRED (IN)	8220 5.5 8221 6.8	eastern redcedar eastern redcedar	Juniperus virginiana  Juniperus virginiana	Healthy (5) Healthy (5)	Single Single	Remove Remove	4	8357 6.3 8358 7.6	eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana	, , ,
1553 6.		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8222 24.2	eastern redcedar	Juniperus virginiana	Healthy (5)	Multi	Remove	4	8359 6.8	eastern redcedar	Juniperus virginiana	
1554 13.		eastern redcedar	Juniperus virginiana	Healthy (5)	Multi	Remove	4	8223 5.5	American elm	Ulmus americana	Healthy (5)	Single	Remove	5.5'	8360 6.0	eastern redcedar	Juniperus virginiana	Healthy (5)
1555 8.	3.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8224 24.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4	8361 10.8	hackberry	Celtis laevigata	, , ,
1556 6.		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8225 12.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8362 4.8	eastern redcedar	Juniperus virginiana	, , ,
1557 8.		eastern redeedar	Juniperus virginiana	Healthy (5)	Multi	Remove Remove	4	8226 10.3 8227 5.1	eastern redeedar	Juniperus virginiana	Healthy (5)	Single	Remove Remove	4	8363 7.3 8364 4.8	eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana	<u> </u>
1558 4.5 1559 7.5	1.5 ' n	eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana	Healthy (5) Healthy (5)	Single Single	Remove	4	8228 9.3	eastern redcedar eastern redcedar	Juniperus virginiana  Juniperus virginiana	Healthy (5) Healthy (5)	Single Forked	Remove	<u>4</u>	8365 5.6	eastern redcedar	Juniperus virginiana	
1560 10.	).6	eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4	8229 6.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8366 6.0	eastern redcedar	Juniperus virginiana	Healthy (5)
1561 6.3	3.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8230 5.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8367 7.2	eastern redcedar	Juniperus virginiana	• • • • • • • • • • • • • • • • • • • •
1562 6.	S. 1	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8231 11.2	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8368 6.5	eastern redcedar	Juniperus virginiana	, , ,
1563 6.3	3.2	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8232 4.2	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8369 7.3 8370 4.8	eastern redcedar hackberry	Juniperus virginiana Celtis laevigata	- ' ' '
1564 12.	2.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Multi	Remove	4	8233 6.1	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8371 7.0	eastern redcedar	Juniperus virginiana	, , ,
1565 5. 1566 4.	0.1	eastern redeedar	Juniperus virginiana	Healthy (5) Healthy (5)	Single Single	Remove Remove	4	8234 10.6	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8372 6.1	hackberry	Celtis laevigata	
1567 6.	i. i	eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana	Healthy (5)	Single	Remove	4	8235 12.0 8236 7.3	hackberry eastern redcedar	Celtis laevigata  Juniperus virginiana	Healthy (5) Healthy (5)	Single Single	Remove Remove	4	8373 7.3	hackberry	Celtis laevigata	Healthy (5)
1568 6.:		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8237 5.2	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8374 12.2	hackberry	Celtis laevigata	Declining (1)
1569 5.	5.1	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8238 5.8	American elm	Ulmus americana	Healthy (5)	Single	Remove	5.8	8375 18.6	hackberry	Celtis laevigata	, , ,
1570 6.:	5.2	eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4	8239 5.0	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8376 9.9 8377 5.9	eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana	
1571 6.3		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8240 4.0	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8378 3.6	live oak	Quercus virginiana	, , ,
1572 5.5 1573 8.4		eastern redcedar eastern redcedar	Juniperus virginiana  Juniperus virginiana	Healthy (5) Healthy (5)	Single Single	Remove Remove	4	8241 9.1	hackberry	Celtis laevigata	Healthy (5)	Single	Remove Remove	0	8379 3.1	live oak	Quercus virginiana	
1574 6.		eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4	8242 4.3 8243 22.7	hackberry eastern redcedar	Celtis laevigata  Juniperus virginiana	Healthy (5) Healthy (5)	Single Multi	Remove	4	8380 3.1	live oak	Quercus virginiana	, , ,
1575 7.		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8244 7.1	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8381 3.9	live oak	Quercus virginiana	- ' ' '
1576 5.	5.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8245 14.3	American elm	Ulmus americana	Healthy (5)	Forked	Remove	14.3	8382 4.2 8383 3.3	live oak	Quercus virginiana Quercus virginiana	, , ,
1577 9.5	9.9	eastern redcedar	Juniperus virginiana	Healthy (5)	Multi	Remove	4	8246 9.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8384 4.4	live oak	Quercus virginiana	
1578 14.		eastern redcedar	Juniperus virginiana	Healthy (5)	Multi	Remove	4	8247 7.4	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8385 2.6	live oak	Quercus virginiana	Healthy (5)
1579 7.3 1580 5.4		eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana	Healthy (5) Healthy (5)	Forked Forked	Remove Remove	4 /	8248 6.5 8249 5.4	eastern redcedar hackberry	Juniperus virginiana  Celtis laevigata	Healthy (5) Healthy (5)	Forked Single	Remove Remove	4	8386 3.1	live oak	Quercus virginiana	
1581 6.		eastern redcedar	Juniperus virginiana  Juniperus virginiana	Healthy (5)	Single	Remove	4	8249 5.4 8250 5.0	nackberry hackberry	Celtis laevigata  Celtis laevigata	Healthy (5) Healthy (5)	Single	Remove	0	8387 2.9	live oak	Quercus virginians	, , , ,
1582 10.		eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4	8251 5.3	American elm	Ulmus americana	Healthy (5)	Single	Remove	5.3	8388 3.8 8389 4.2	live oak	Quercus virginiana Quercus virginiana	• • • •
1583 6.	5.5	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8252 5.2	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8390 3.9	live oak	Quercus virginiana	
1584 6.:		eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4	8253 4.1	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8391 4.1	live oak	Quercus virginiana	• • • • • • • • • • • • • • • • • • • •
		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8254 4.4	hackberry	Celtis laevigata	Healthy (5)	Forked	Remove	0	8392 6.2	live oak	Quercus virginiana	, , , ,
· ·		eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana	Healthy (5) Healthy (5)	Multi Single	Remove Remove	4 1	8255 6.2 8256 11.8	hackberry hackberry	Celtis laevigata Celtis laevigata	Healthy (5) Healthy (5)	Multi Multi	Remove Remove	0	8393 4.1	live oak	Quercus virginiana	
1595 6.		eastern redcedar	Juniperus virginiana  Juniperus virginiana	Healthy (5)	Single	Remove	4	8256 11.8 8257 8.8	hackberry hackberry	Celtis laevigata  Celtis laevigata	Healthy (5) Healthy (5)	Single	Remove	0	8394 4.3 8395 5.1	live oak	Quercus virginiana Quercus virginiana	- ' ' '
1597 5.		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8258 6.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8395 5.1 8396 11.3	eastern redcedar	Juniperus virginiana	
1598 11.:	.2	eastern redcedar	Juniperus virginiana	Healthy (5)	Multi	Remove	4	8259 6.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8397 14.6	eastern redcedar	Juniperus virginiana	
1599 7.3		eastern redcedar	Juniperus virginiana	Healthy (5)	Multi	Remove	4	8260 5.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8398 7.6	eastern redcedar	Juniperus virginiana	Healthy (5)
1600 6.		eastern redcedar	Juniperus virginiana	Healthy (5)	Multi	Remove	4	8261 9.8	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8399 8.3	eastern redcedar	Juniperus virginiana	- ' '
1601 5.	b.U	eastern redcedar	Juniperus virginiana	Healthy (5) <b>602-7900 were no</b>	Single	Remove	4	8262 9.5 8263 4.4	hackberry eastern redcedar	Celtis laevigata  Juniperus virginiana	Healthy (5) Healthy (5)	Single Single	Remove Remove	0	8400 7.4	eastern redcedar	Juniperus virginiana	gs 8401-8450 were i
7901 9.3	9.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8264 6.1	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8451 6.4	eastern redcedar	Juniperus virginiana	
<del> </del>		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8265 6.1	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8452 6.1	eastern redcedar	Juniperus virginiana	
7903 7.	'.1	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8266 5.1	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8453 6.5	eastern redcedar	Juniperus virginiana	na Healthy (5)
7904 6.		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8267 6.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8454 7.1	eastern redcedar	Juniperus virginiana	, , ,
7905 10. 7906 14.		eastern redcedar eastern redcedar	Juniperus virginiana	Healthy (5) Healthy (5)	Single Forked	Remove Remove	4	8268 7.5	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8455 6.2 8456 8.3	eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana	, , ,
		eastern redcedar	Juniperus virginiana Juniperus virginiana	Healthy (5)	Single	Remove	4	8269 5.3 8270 8.2	eastern redcedar hackberry	Juniperus virginiana  Celtis laevigata	Healthy (5) Healthy (5)	Single Single	Remove Remove	0	8457 15.3	eastern redcedar	Juniperus virginiana	
7908 14.		eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4	8271 6.3	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8458 11.3	eastern redcedar	Juniperus virginiana	
7909 6.	5.1	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8272 8.6	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0	8459 9.6	eastern redcedar	Juniperus virginiana	a Healthy (5)
7910 7.5	'.9	eastern redcedar	Juniperus virginiana			ſ	4											
			<u> </u>	Healthy (5)	Single	Remove	4	8273 5.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8460 9.8	eastern redcedar	Juniperus virginiana	, , ,
7911 8.		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4	8274 17.2	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	4 0		eastern redcedar d tag series: 1551-1601	, ,	, , ,
7911 8. 7912 5.	5.7	eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana	Healthy (5) Healthy (5)	Single Single	Remove Remove	4 4 4	8274 17.2 8275 10.2	hackberry hackberry	Celtis laevigata Celtis laevigata	Healthy (5) Healthy (5)	Single Single	Remove Remove	0		d tag series: 1551-1601	1, 7901-7950, 8201-84	, , ,
7911 8. 7912 5. 7913 16.	5.7	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4 4 4 4 4	8274 17.2	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	4 0 0 0 0 4	Kimley-Horn re	d tag series: 1551-1601	1, 7901-7950, 8201-84	100, and 8451-8460.
7911 8. 7912 5. 7913 16. 7914 8. 7915 6.	5.7 5.6 3.8 5.7	eastern redcedar eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana	Healthy (5) Healthy (5) Healthy (5) Healthy (5) Healthy (5) Healthy (5)	Single Single Multi Forked Single	Remove Remove Remove Remove Remove	4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8	hackberry hackberry hackberry	Celtis laevigata Celtis laevigata Celtis laevigata	Healthy (5) Healthy (5) Healthy (5)	Single Single Forked	Remove Remove Remove	0	Kimley-Horn red	tag series: 1551-1601  TREE MITIGAT  Required	1, 7901-7950, 8201-84	, , ,
7911 8. 7912 5. 7913 16. 7914 8. 7915 6. 7916 6.	5.7 5.6 3.8 5.7 5.3	eastern redcedar eastern redcedar eastern redcedar eastern redcedar eastern redcedar eastern redcedar	Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single	Remove Remove Remove Remove Remove Remove	4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana	Healthy (5)	Single Single Forked Single Single Single	Remove Remove Remove Remove Remove Remove Remove	0 0 4 4 4	Total Mitigation Total Provided I	d tag series: 1551-1601	1, 7901-7950, 8201-84	100, and 8451-8460.
7911 8. 7912 5. 7913 16. 7914 8. 7915 6. 7916 6. 7917 14.	5.7 5.6 3.8 5.7 5.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi	Remove Remove Remove Remove Remove Remove Remove Remove	4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata	Healthy (5)	Single Single Forked Single Single Single Single Single	Remove Remove Remove Remove Remove Remove Remove Remove	0 0 4 4 4 0	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 4" Cal.	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental	1, 7901-7950, 8201-84	100, and 8451-8460.
7911 8. 7912 5. 7913 16. 7914 8. 7915 6. 7916 6. 7917 14. 7918 8.	5.7 5.6 3.8 5.7 5.3 4.2	eastern redcedar eastern redcedar eastern redcedar eastern redcedar eastern redcedar eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove Remove Remove Remove Remove Remove	4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata	Healthy (5)	Single Single Forked Single Single Single Single Single Single Single	Remove Remove Remove Remove Remove Remove Remove Remove Remove	0 0 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal.	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental	1, 7901-7950, 8201-84	883.5 312
7911 8. 7912 5. 7913 16. 7914 8. 7915 6. 7916 6. 7917 14.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi	Remove	4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata	Healthy (5)	Single Single Forked Single Single Single Single Single	Remove Remove Remove Remove Remove Remove Remove Remove	0 0 4 4 4 0	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental Needed	ΠΟΝ	312 571.5
7911 8. 7912 5. 7913 16. 7914 8. 7915 6. 7916 6. 7917 14. 7918 8. 7919 7.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Multi Single Single	Remove	4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata	Healthy (5)	Single Single Forked Single Single Single Single Single Single Single Single	Remove	0 0 4 4 4 0 0	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal.	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental Needed	ΠΟΝ	883.5 312
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3 5.9 5.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Single Single Single Single Single Single Single	Remove	4 4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata	Healthy (5)	Single Single Forked Single	Remove	0 0 4 4 4 4 0 0 0	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental Needed	ΠΟΝ	312 571.5
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3 5.9 5.8 0.2 2.5	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Single Single Single Single Single Single Single Single Forked	Remove	4 4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata	Healthy (5) Declining (1) Healthy (5) Healthy (5)	Single Single Forked Single	Remove	0 0 4 4 4 4 0 0 0	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental Needed	ΠΟΝ	312 571.5
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.         7924       13.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3 5.9 5.8 0.2 2.5 3.5	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Single Single Single Single Single Single Single Forked Forked	Remove	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2       8287     12.6	hackberry hackberry hackberry eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana	Healthy (5) Declining (1) Healthy (5)	Single Single Forked Single	Remove	0 0 4 4 4 4 0 0 0	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental Needed	TON \$ 114,	883.5 312 571.5 ,300.00
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3 5.9 5.8 0.2 2.5 3.5	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Single Single Single Single Single Single Single Single Forked	Remove	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata	Healthy (5) Declining (1) Healthy (5) Healthy (5)	Single Single Forked Single	Remove	0 0 4 4 4 4 0 0 0	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation Total Mitigation Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost	TON \$ 114,	883.5 312 571.5 ,300.00
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.         7924       13.         7925       8.         7927       7.         7927       7.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3 5.9 5.8 5.2 2.5 3.5 7.6	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Single Single	Remove	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2       8287     12.6       8288     6.7	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar eastern redcedar eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana	Healthy (5) Declining (1) Healthy (5) Healthy (5) Healthy (5) Healthy (5) Healthy (5) Healthy (5)	Single Single Forked Single	Remove	0 0 4 4 4 4 0 0 0	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation Total Mitigation Total Mitigation  NOTE: CONTRACT HAS BEEN	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost	TON \$ 114,  REMOVE ANY T	312 571.5 ,300.00 TREE UNTIL A T
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.         7924       13.         7925       8.         7927       7.         7928       5.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3 5.9 5.8 5.9 5.8 5.7 7.6 7.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Single Single Single	Remove	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2       8287     12.6       8288     6.7       8289     4.9       8290     16.8       8291     11.3	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5) Declining (1) Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation Total Mitigation Total Mitigation Total Mitigation REMOVAL	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental So" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B	REMOVE ANY THE APPLICAL REQUESTED A	571.5 ,300.00  TREE UNTIL A TABLE CITY AUTH
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.         7924       13.         7925       8.         7927       7.         7928       5.         7929       8.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3 5.9 5.8 5.9 5.8 5.7 7.6 7.4 5.8 3.7	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Single Single Single Single	Remove	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2       8287     12.6       8288     6.7       8289     4.9       8290     16.8       8291     11.3       8292     7.4	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5) Declining (1) Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation Total Mitigation Total Mitigation  NOTE: CONTRACT HAS BEEN REMOVAL DISTURBA	TREE MITIGAT Required Inches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental So" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B	REMOVE ANY TO THE APPLICAL ACTIVITIES.	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.         7924       13.         7925       8.         7926       7.         7928       5.         7929       8.         7930       7.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 5.9 5.8 5.9 5.8 5.2 2.5 3.7 7.6 7.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Single Single Single Single Single	Remove	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2       8287     12.6       8288     6.7       8289     4.9       8290     16.8       8291     11.3       8293     12.4	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5) Declining (1) Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation Total Mitigation Total Mitigation Total Mitigation HAS BEEN REMOVAL DISTURBA AUTHORIZ	TREE MITIGAT Required Inches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.         7924       13.         7925       8.         7927       7.         7928       5.         7929       8.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 5.9 5.8 5.9 5.8 5.2 2.5 3.7 7.6 7.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Single Single Single Single	Remove	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2       8287     12.6       8288     6.7       8289     4.9       8290     16.8       8291     11.3       8292     7.4	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5) Declining (1) Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation Total Mitigation Total Mitigation Total Mitigation ANOTE: CONTRACT HAS BEEN REMOVAL DISTURBA AUTHORIZ SUCH ACT	TREE MITIGAT Required Inches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 150" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE	REMOVE ANY TO ALL ACTIVITIES. TERMOVAL, NO OF THESE PLAN	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.         7924       13.         7925       8.         7927       7.         7928       5.         7929       8.         7930       7.         7931       4.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 5.9 5.8 5.9 5.8 5.9 7.6 7.4 5.8 3.7 7.4	eastern redcedar	Juniperus virginiana Sideroxylon lanuginosum	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Forked Single Single Single Single Single Single Single Single Single	Remove		8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2       8287     12.6       8288     6.7       8289     4.9       8290     16.8       8291     11.3       8292     7.4       8293     12.4       8294     8.3	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5) Declining (1) Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation Total Mitigation Total Mitigation Total Mitigation  NOTE: CONTRACT HAS BEEN REMOVAL DISTURBA AUTHORIZ SUCH ACT OF THE TR	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION THE REMOVAL, NO THESE PLANTERMITTING PROSE	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911       8.         7912       5.         7913       16.         7914       8.         7915       6.         7916       6.         7917       14.         7918       8.         7919       7.         7920       5.         7921       6.         7922       10.         7923       12.         7924       13.         7925       8.         7927       7.         7928       5.         7929       8.         7930       7.         7931       4.         7932       7.         7933       9.         7934       14.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3 5.9 5.8 5.9 7.6 7.4 5.8 3.7 7.4 4.2 7.1 5.8 5.7 7.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove		8274       17.2         8275       10.2         8276       13.8         8277       7.8         8278       5.9         8279       5.1         8280       4.2         8281       5.1         8282       4.3         8283       4.7         8284       12.1         8285       5.2         8286       6.2         8287       12.6         8288       6.7         8289       4.9         8290       16.8         8291       11.3         8292       7.4         8293       12.4         8294       8.3         8295       12.2         8296       7.9         8297       4.6	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION THE REMOVAL, NO THESE PLANTERMITTING PROSE	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7933         9.           7934         14.           7935         8.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 5.9 5.8 5.9 5.8 5.9 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.9 6.8 6.7 7.3 6.8 6.7 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Forked Single	Remove		8274       17.2         8275       10.2         8276       13.8         8277       7.8         8278       5.9         8279       5.1         8280       4.2         8281       5.1         8282       4.3         8283       4.7         8284       12.1         8285       5.2         8286       6.2         8287       12.6         8288       6.7         8289       4.9         8290       16.8         8291       11.3         8292       7.4         8293       12.4         8294       8.3         8295       12.2         8296       7.9         8297       4.6         8298       7.1	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5) Declining (1) Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation Total Mitigation Total Mitigation Total Mitigation  NOTE: CONTRACT HAS BEEN REMOVAL DISTURBA AUTHORIZ SUCH ACT OF THE TR	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION THE REMOVAL, NO THESE PLANTERMITTING PROSE	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 7.3 5.9 5.8 5.9 7.6 7.4 5.8 3.7 7.6 7.4 4.2 7.1 5.8 3.7 7.4 4.2 7.1 5.8 5.7 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Single	Remove		8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2       8287     12.6       8288     6.7       8289     4.9       8290     16.8       8291     11.3       8292     7.4       8293     12.4       8294     8.3       8295     12.2       8296     7.9       8297     4.6       8298     7.1       8299     8.8	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7933         9.           7934         14.           7935         8.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 5.9 5.8 5.9 5.8 5.9 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.3 5.8 5.9 5.8 5.7 7.3 5.8 5.8 5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Forked Single	Remove	0 4 4 4 4	8274       17.2         8275       10.2         8276       13.8         8277       7.8         8278       5.9         8279       5.1         8280       4.2         8281       5.1         8282       4.3         8283       4.7         8284       12.1         8285       5.2         8286       6.2         8287       12.6         8288       6.7         8289       4.9         8290       16.8         8291       11.3         8292       7.4         8293       12.4         8294       8.3         8295       12.2         8296       7.9         8297       4.6         8298       7.1         8299       8.8         8300       5.2	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 5.9 5.8 5.9 5.8 5.7 7.6 7.4 4.2 7.1 5.8 5.7 7.4 4.2 7.1 5.8 5.8 5.8	eastern redcedar	Juniperus virginiana Celtis laevigata	Healthy (5)	Single Single Multi Forked Single Single Multi Single Multi Single Single Single Single Single Single Single Single Forked Forked Single	Remove	0 4 4 4 4	8274     17.2       8275     10.2       8276     13.8       8277     7.8       8278     5.9       8279     5.1       8280     4.2       8281     5.1       8282     4.3       8283     4.7       8284     12.1       8285     5.2       8286     6.2       8287     12.6       8288     6.7       8289     4.9       8290     16.8       8291     11.3       8292     7.4       8293     12.4       8294     8.3       8295     12.2       8296     7.9       8297     4.6       8298     7.1       8299     8.8	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7940         6.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 5.9 5.8 5.2 2.5 3.7 7.6 7.4 4.2 7.1 9.8 4.2 3.9 5.8 5.7	eastern redcedar	Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Single	Remove	0 4 4 4 4 0 0 4 4 4	8274       17.2         8275       10.2         8276       13.8         8277       7.8         8278       5.9         8279       5.1         8280       4.2         8281       5.1         8282       4.3         8283       4.7         8284       12.1         8285       5.2         8286       6.2         8287       12.6         8288       6.7         8289       4.9         8290       16.8         8291       11.3         8292       7.4         8293       12.4         8294       8.3         8295       12.2         8296       7.9         8297       4.6         8298       7.1         8299       8.8         8300       5.2         8301       5.9	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7941         8.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 5.9 5.8 5.2 2.5 3.7 7.6 7.4 5.8 3.7 7.4 4.2 7.1 9.8 4.2 3.9 5.8 5.8 5.8 5.7 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	eastern redcedar	Juniperus virginiana Celtis laevigata	Healthy (5)	Single Single Multi Forked Single Single Multi Single Forked Forked Single	Remove	0 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7940         6.           7942         6.           7942         6.	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.3 5.8 5.7 7.4 5.8 5.7 7.3 5.8 5.7 7.4 5.8 5.7 7.3 5.8 5.7 7.4 5.8 6.8 6.7 7.3 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.3 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 0 4 4 4	8274       17.2         8275       10.2         8276       13.8         8277       7.8         8278       5.9         8279       5.1         8280       4.2         8281       5.1         8282       4.3         8283       4.7         8284       12.1         8285       5.2         8286       6.2         8287       12.6         8288       6.7         8289       4.9         8290       16.8         8291       11.3         8292       7.4         8293       12.4         8294       8.3         8295       12.2         8296       7.9         8297       4.6         8298       7.1         8299       8.8         8300       5.2         8301       5.9         8302       5.7         8303       6.0         8304       19.1         8305       7.1	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7941         8.           7942         6.           7943         7.	5.7 5.6 3.8 5.7 5.3 4.2 3.5 5.9 5.8 5.2 2.5 3.7 7.6 7.4 5.8 3.7 7.4 4.2 7.1 9.8 4.2 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 6.8 6.7 7.4 6.8 6.8 7.4 6.8 6.8 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 0 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO</td> <td>312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7940         6.           7942         6.           7942         6.	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.9 5.8 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.3 5.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.7 7.3 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 0 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO</td> <td>312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7941         8.           7942         6.           7943         7.           7944         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 0 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO</td> <td>312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7941         8.           7942         6.           7943         7.           7944         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.9 5.8 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 0 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO</td> <td>312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7943         7.           7945         6.           7946         8.           7947         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.9 5.8 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 0 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO</td> <td>312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7941         8.           7942         6.           7943         7.           7945         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.8 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 6.8 6.7 6.8 6.7 6.8 6.7 6.8 6.8 6.7 6.8 6.8 6.7 6.8 6.8 6.7 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Single Single Single Single Single Single Single Forked Forked Forked Single	Remove	0 4 4 4 4 0 4 4 4 0 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO</td> <td>312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICAL ACTIVITIES. TERMOVAL, NO OF THESE PLANERMITTING PRO	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7943         7.           7945         6.           7946         8.           7947         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.8 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 6.8 6.7 6.8 6.7 6.8 6.7 6.8 6.8 6.7 6.8 6.8 6.7 6.8 6.8 6.7 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 0 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A  BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH ED PERMITS A</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 0 0 0 0 0 0 0 0 0 4 0 4 4 4 4 0 0 0 0 0 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A  BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH ED PERMITS A
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7941         8.           7942         6.           7943         7.           7944         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.9 5.8 5.7 7.4 5.8 5.9 5.8 5.9 5.8 5.7 7.4 5.8 5.8 5.9 5.8 5.8 5.9 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 4 4 4 0 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	312 571.5 ,300.00  TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7941         8.           7942         6.           7943         7.           7946         8.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.8 5.7 7.6 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 4 4 4 0 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A  BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH ED PERMITS A</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A  BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH ED PERMITS A
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7941         8.           7942         6.           7943         7.           7946         8.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.5 5.7 7.6 7.4 5.8 5.7 7.6 7.4 5.8 5.7 7.6 7.4 5.8 5.7 7.6 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 4 4 4 0 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A  BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH ED PERMITS A</td>	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A  BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CIT OCESS. IT IS TH ED PERMITS A
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7943         7.           7945         6.           7946         8.           7950         11.           82	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.5 5.8 5.7 7.6 7.4 5.8 5.7 7.6 7.7 6.8 6.7 7.6 7.7 6.8 6.7 7.6 7.7 6.8 6.7 7.6 7.7 6.8 6.7 7.6 7.7 6.8 6.8 6.7 7.6 6.8 6.7 7.6 6.7 6.8 6.8 6.7 7.6 6.8 6.8 6.7 7.6 6.8 6.8 6.7 7.6 6.8 6.8 6.8 6.7 7.6 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry hackberry eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A THE</td>	hackberry hackberry hackberry eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A THE
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7943         7.           7946         8.           7947         6.           7948         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.8 5.7 7.4 5.8 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.8 5.7 5.8 5.8 5.7 5.8 5.8 5.7 5.8 5.8 5.7 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single   Single   Multi   Forked   Single   Single   Multi   Single   Sin	Remove	0 4 4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CORN N. City</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CORN N. City
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7943         7.           7945         6.           7946         8.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.8 5.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single	Remove	0 4 4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A TOUR AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CUTY CUTY CUTY CUTY CUTY</td>	hackberry hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A TOUR AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CUTY CUTY CUTY CUTY CUTY
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7940         6.           7943         7.           7946         8.           7947         6.           7948         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.8 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.8 5.7 7.4 5.8 5.8 5.7 7.4 5.8 5.8 5.7 7.4 5.8 5.8 5.7 7.4 5.8 5.8 5.7 7.4 5.8 5.8 5.8 5.7 7.4 5.8 5.8 5.8 5.8 5.8 5.7 7.4 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single   Single   Multi   Forked   Single   Single   Multi   Single   Sin	Remove	0 4 4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CORN N. City</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CORN N. City
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7940         6.           7941         8.           7945         6.           7946         8.           7947         6.           7948         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.5 5.7 7.6 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single Single Multi Single Single Single Single Single Single Forked Forked Single	Remove	0 4 4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A TOUR AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CUTY CUTY CUTY CUTY CUTY</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry eastern redcedar hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A TOUR AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CUTY CUTY CUTY CUTY CUTY
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7940         6.           7941         8.           7947         6.           7948         6.           7949         8.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.9 5.8 5.7 7.6 7.4 5.8 5.7 7.6 7.4 5.8 5.7 7.6 7.4 5.8 5.7 7.6 7.4 5.8 5.7 7.6 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.7 7.4 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single	Remove	0 4 4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A TOUR AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CUTY CUTY CUTY CUTY CUTY</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A TOUR AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY OCESS. IT IS THE ED PERMITS A CUTY CUTY CUTY CUTY CUTY
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7939         6.           7941         8.           7945         6.           7946         8.           7947         6.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 2.5 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.7 7.4 5.8 5.9 5.8 5.8 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	0 4 4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Single</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY CESS. IT IS THE ED PERMITS A CITY CORN Architect:  Carroll Architects</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY CESS. IT IS THE ED PERMITS A CITY CORN Architect:  Carroll Architects
7911         8.           7912         5.           7913         16.           7914         8.           7915         6.           7916         6.           7917         14.           7918         8.           7919         7.           7920         5.           7921         6.           7922         10.           7923         12.           7924         13.           7925         8.           7926         7.           7927         7.           7928         5.           7929         8.           7930         7.           7931         4.           7932         7.           7933         9.           7934         14.           7935         8.           7936         16.           7937         7.           7938         5.           7940         6.           7941         8.           7947         6.           7948         6.           7949         8.           794	5.7 5.6 5.8 5.7 5.3 5.9 5.8 5.9 5.8 5.2 5.5 5.7 7.6 7.4 5.8 5.7 7.6 7.4 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.7 5.8 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9	eastern redcedar	Juniperus virginiana	Healthy (5)	Single Single Multi Forked Single	Remove	0 4 4 4 4 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4	8274         17.2           8275         10.2           8276         13.8           8277         7.8           8278         5.9           8279         5.1           8280         4.2           8281         5.1           8282         4.3           8283         4.7           8284         12.1           8285         5.2           8286         6.2           8287         12.6           8288         6.7           8289         4.9           8290         16.8           8291         11.3           8292         7.4           8293         12.4           8294         8.3           8295         12.2           8296         7.9           8297         4.6           8298         7.1           8299         8.8           8300         5.2           8301         5.9           8302         5.7           8303         6.0           8304         19.1           8305         7.1           8306         14.0 <td>hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar eastern redcedar</td> <td>Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana Juniperus virginiana</td> <td>Healthy (5) Healthy (5)</td> <td>Single Single Forked Single Si</td> <td>Remove Remove Remove</td> <td>0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4</td> <td>Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation Total Mitigation</td> <td>TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR</td> <td>REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.</td> <td>TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY CESS. IT IS THE ED PERMITS A Architect:</td>	hackberry hackberry eastern redcedar eastern redcedar eastern redcedar hackberry hackberry hackberry hackberry hackberry hackberry hackberry eastern redcedar	Celtis laevigata Celtis laevigata Celtis laevigata Juniperus virginiana Juniperus virginiana Celtis laevigata Juniperus virginiana Celtis laevigata Juniperus virginiana	Healthy (5)	Single Single Forked Single Si	Remove	0 0 0 4 4 4 4 0 0 0 0 0 0 0 4 4 4 4 4 4	Total Mitigation Total Provided I Trees at 4" Cal. Trees at 3" Cal. Total Mitigation	TREE MITIGAT Required nches 26-Canopy 104", 37 Ornamental 148", 20 Ornamental 50" Needed Cost  TOR SHALL NOT OBTAINED FROM PERMIT MUST B NCE OR REMOVA ATION FOR TREE ION. APPROVAL EE REMOVAL PE BILITY TO ENSUR	REMOVE ANY TO THE APPLICATION THE APPLICATION THE APPLICATION TO THE REMOVAL, NO THESE PLANTERMITTING PROPERTY.	TREE UNTIL A BLE CITY AUTH AND APPROVE THESE PLANS OR DO THEY IM NS BY THE CITY CESS. IT IS THE ED PERMITS A Architect:

8358	7.6	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
359	6.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
)	6.0	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
†	10.8	hackberry	Celtis laevigata	Healthy (5)	Forked	Remove	0
	4.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
ŀ	7.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
+	4.8	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	
+	5.6	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	
ŀ	6.0	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
ł	7.2	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
+			<u> </u>	• ` ` `			
4	6.5	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
4	7.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
_	4.8	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0
	7.0	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
	6.1	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0
4	7.3	hackberry	Celtis laevigata	Healthy (5)	Single	Remove	0
$\perp$	12.2	hackberry	Celtis laevigata	Declining (1)	Single	Remove	0
	18.6	hackberry	Celtis laevigata	Healthy (5)	Forked	Remove	0
	9.9	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
'	5.9	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
	3.6	live oak	Quercus virginiana	Healthy (5)	Single	Remove	3.6
9	3.1	live oak	Quercus virginiana	Healthy (5)	Single	Remove	3.1
	3.1	live oak	Quercus virginiana	Healthy (5)	Single	Remove	3.1
1	3.9	live oak	Quercus virginiana	Healthy (5)	Single	Remove	3.9
	4.2	live oak	Quercus virginiana	Healthy (5)	Single	Remove	4.2
	3.3	live oak	Quercus virginiana	Healthy (5)	Single	Remove	3.3
1	4.4	live oak	Quercus virginiana	Healthy (5)	Single	Remove	4.4
;	2.6	live oak	Quercus virginiana	Healthy (5)	Single	Remove	2.6
†	3.1	live oak	Quercus virginiana	Healthy (5)	Single	Remove	3.1
†	2.9	live oak	Quercus virginiana	Healthy (5)	Single	Remove	2.9
†	3.8	live oak	Quercus virginiana	Healthy (5)	Single	Remove	3.8
t	4.2	live oak	Quercus virginiana	Healthy (5)	Single	Remove	4.2
-	3.9	live oak	Quercus virginiana	Healthy (5)	Single	Remove	3.9
ł	4.1	live oak	Quercus virginiana	Healthy (5)	Single	Remove	4.1
+	6.2		·				6.2
2		live oak	Quercus virginiana	Healthy (5)	Forked	Remove	
$\rightarrow$	4.1	live oak	Quercus virginiana	Healthy (5)	Single	Remove	4.1
4	4.3	live oak	Quercus virginiana	Healthy (5)	Single	Remove	4.3
5	5.1	live oak	Quercus virginiana	Healthy (5)	Forked	Remove	5.1
; ,	11.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4
7	14.6	eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4
8	7.6	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
9	8.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
	7.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
			Tags 84	401-8450 were no			
1	6.4	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
2	6.1	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
3	6.5	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
4	7.1	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
5	6.2	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
6	8.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4
7	15.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
8	11.3	eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
_	9.6	eastern redcedar	Juniperus virginiana	Healthy (5)	Forked	Remove	4
<b>y</b> 1		eastern redcedar	Juniperus virginiana	Healthy (5)	Single	Remove	4
i9 i0	9.8	pasiem rencenar					

Remove

TREE MITIGATIO	ON	
Total Mitigation Required		883.5
Total Provided Inches 26-Canopy		
Trees at 4" Cal. <u>104"</u> , 37 Ornamental		312
Trees at 4" Cal. <u>148"</u> , 20 Ornamental		312
Trees at 3" Cal. 60"		
Total Mitigation Needed		571.5
Total Mitigation Cost	\$	114,300.00

ONTRACTOR SHALL NOT REMOVE ANY TREE UNTIL A TREE REMOVAL PERMIT IAS BEEN OBTAINED FROM THE APPLICABLE CITY AUTHORITY. A FORMAL TREE EMOVAL PERMIT MUST BE REQUESTED AND APPROVED PRIOR TO ANY TREE ISTURBANCE OR REMOVAL ACTIVITIES. THESE PLANS DO CONSTITUTE AUTHORIZATION FOR TREE REMOVAL, NOR DO THEY IMPLY APPROVAL FOR SUCH ACTION. APPROVAL OF THESE PLANS BY THE CITY IS REQUIRED AS PART F THE TREE REMOVAL PERMITTING PROCESS. IT IS THE CONTRACTOR'S ESPONSIBILITY TO ENSURE ALL REQUIRED PERMITS ARE SECURED PRIOR TO OMMENCING WORK.

> SITE PLAN FOR FUEL CITY - ROCKWALL LOT 2, BLOCK A CORNERSTONE COMMUNITY CHURCH

4.34 ACRES

N. BUTLER SURVEY ABSTRACT NO. 20 City of Rockwall, Rockwall County, Texas Current Zoning: C (Commerical District) Proposed Land Use: Gas Station/ Car Wash Submitted: May 16th, 2025

<u> Architect:                                     </u>	<u>De ve</u>
Carroll Architects	Fuel Cit
750 E. Interstate 30, Ste. 110	801 S.
Rockwall, Texas 75087	Dallas,
Contact: Glennon Langston	Contact
Phone: 972-732-6085	Phone:

City Kimley—Horn and Associates, Inc.
S. Riverfront Boulevard,00
s. Texas 75207
Suite 1100

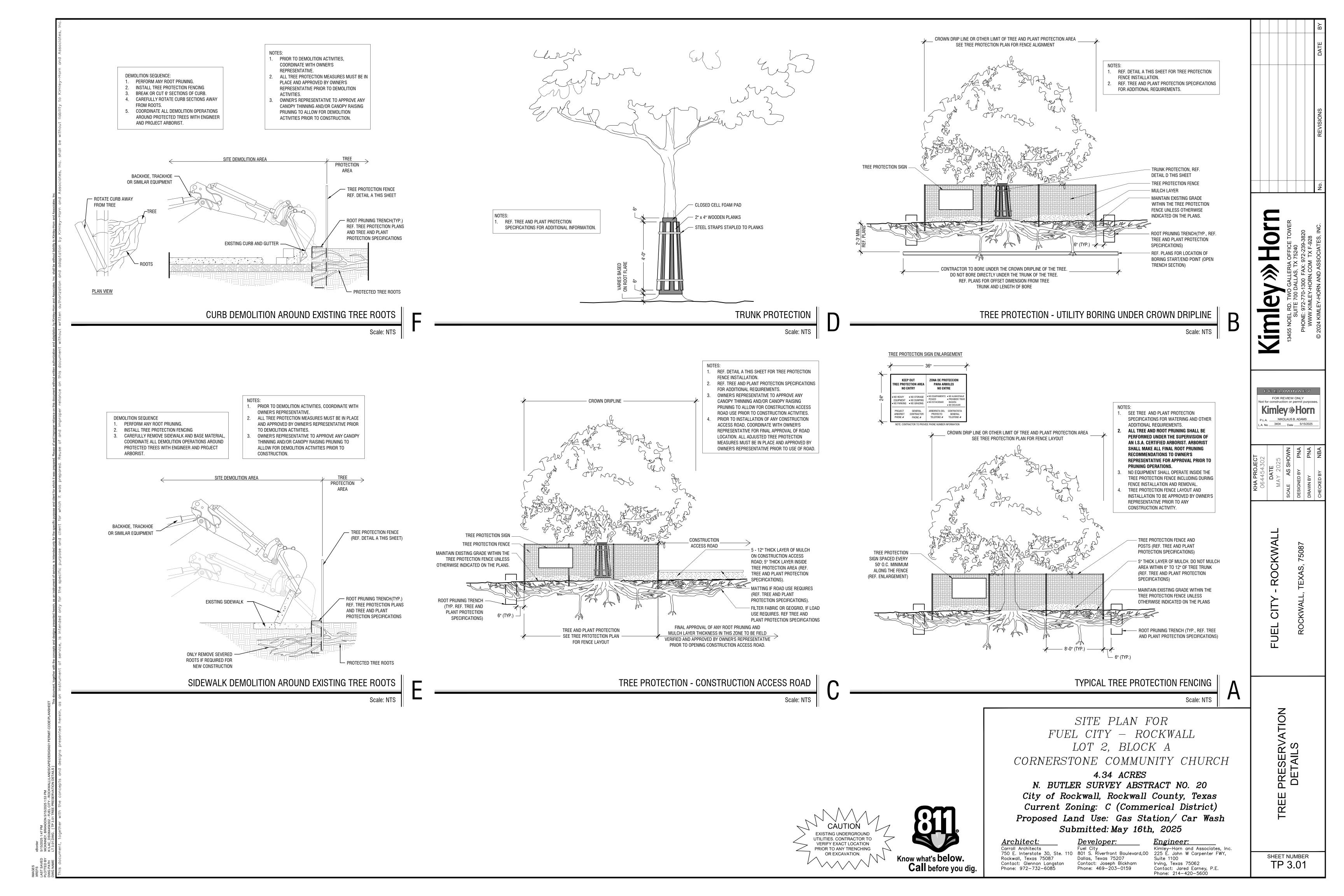
Latin Taylor 75062 Irving, Texas 75062 Contact: Jared Earney, P.E. Phone: 214—420—5600 Contact: Joseph Bickham Phone: 469-203-0159

FOR REVIEW ONLY
Not for construction or permit purpose

**Kimley Horn** 

P.L.A. NIKOLAUS B. ADAMS L.A. No. 3404 Date 5/15/2025

SHEET NUMBER TP 1.02



IT IS THE INTENT OF THIS SECTION THAT THE REQUIREMENTS APPLY TO ALL OTHER SECTIONS OF THE PROJECT SPECIFICATION SUCH THAT ANY SUBCONTRACTOR MUST COMPLY WITH THE RESTRICTIONS ON WORK WITHIN DESIGNATED

DIVISION I SPECIFICATIONS APPLY TO WORK OF THIS SECTION. 2. IRRIGATION SPECIFICATIONS

3. PLANTING SPECIFICATIONS

REFERENCES: THE FOLLOWING SPECIFICATIONS AND STANDARDS OF THE ORGANIZATIONS AND DOCUMENTS LISTED IN 2.2 MATTING SPECIFICATION SECTION, THE REQUIREMENTS OF THIS SPECIFICATION SHALL PREVAIL. IN THE EVENT THAT THE REQUIREMENTS OF ANY OF THE FOLLOWING REFERENCED STANDARDS AND SPECIFICATIONS CONFLICT WITH EACH OTHER, 2.3 GEOGRID THE MORE STRINGENT REQUIREMENT SHALL PREVAIL.

1. ANSI A300 - STANDARD PRACTICES FOR TREE, SHRUB AND OTHER WOODY PLANT MAINTENANCE (9 PARTS), MOST

2. INTERNATIONAL SOCIETY OF ARBORICULTURE BEST MANAGEMENT PRACTICES (ISA BMP) MOST CURRENT EDITIONS. a. TREE PRUNING

b. SOIL MANAGEMENT FOR URBAN TREES

c. Tree Support Systems: Cabling, Bracing, Guying, and Propping

d. TREE LIGHTING PROTECTION SYSTEMS e. MANAGING TREES DURING CONSTRUCTION

f. TREE PLANTING

g. TREE RISK ASSESSMENT

h. TREE INVENTORY INTEGRATED PEST MANAGEMENT

j. TREE INJECTIONS k. Tree and shrub fertilization

3. PRUNING PRACTICES SHALL CONFORM WITH RECOMMENDATIONS "STRUCTURAL PRUNING: A GUIDE FOR THE GREEN INDUSTRY"; PUBLISHED BY URBAN TREE FOUNDATION, VISALIA, CALIFORNIA; MOST CURRENT EDITION. 4. GLOSSARY OF ARBORICULTURAL TERMS, INTERNATIONAL SOCIETY OF ARBORICULTURE, CHAMPAIGN IL, MOST CURRENT EDITION.

ALL SCALED DIMENSIONS ON THE DRAWINGS ARE APPROXIMATE. BEFORE PROCEEDING WITH ANY WORK, THE CONTRACTOR SHALL CAREFULLY CHECK AND VERIFY ALL DIMENSIONS AND QUANTITIES, AND SHALL IMMEDIATELY INFORM 3.3 TREE AND PLANT PROTECTION AREA: THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN THE INFORMATION ON THE DRAWINGS AND THE ACTUAL CONDITIONS, REFRAINING FROM DOING ANY WORK IN SAID AREAS UNTIL GIVEN APPROVAL TO DO SO BY THE

OWNER'S REPRESENTATIVE.

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS RELATED TO THIS SECTION OF THE WORK UNLESS PREVIOUSLY EXCLUDED UNDER PROVISION OF THE CONTRACT OR GENERAL CONDITIONS. THE CONTRACTOR SHALL SPECIFIED. IF THE CONTRACTOR OBSERVES THAT A CONFLICT EXISTS BETWEEN PERMIT REQUIREMENTS AND THE WORK OUTLINED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING INCLUDING A DESCRIPTION OF ANY NECESSARY CHANGES AND CHANGES TO THE CONTRACT PRICE RESULTING FROM CHANGES IN THE WORK.

WHEREVER REFERENCES ARE MADE TO STANDARDS OR CODES IN ACCORDANCE WITH WHICH WORK IS TO BE PERFORMED OR TESTED. THE EDITION OR REVISION OF THE STANDARDS AND CODES CURRENT ON THE EFFECTIVE DATE OF THIS

CONTRACT SHALL APPLY, UNLESS OTHERWISE EXPRESSLY SET FORTH. IN CASE OF CONFLICT AMONG ANY REFERENCED STANDARDS OR CODES OR BETWEEN ANY REFERENCED STANDARDS AND CODES AND THE SPECIFICATIONS, THE MORE RESTRICTIVE STANDARD OR CODE SHALL APPLY OR OWNER'S REPRESENTATIVE SHALL DETERMINE WHICH SHALL GOVERN.

1.6 PROTECTION OF WORK, PROPERTY AND PERSON THE CONTRACTOR SHALL PROTECT THE WORK, ADJACENT PROPERTY, AND THE PUBLIC, AND SHALL BE RESPONSIBLE FOR 3.5 SOIL MOISTURE

ANY DAMAGES OR INJURY DUE TO HIS/HER ACTIONS 1.7 CHANGES IN THE WORK THE OWNER'S REPRESENTATIVE MAY ORDER CHANGES IN THE WORK. AND THE CONTRACT SUM SHOULD BE ADJUSTED ACCORDINGLY. ALL SUCH ORDERS AND ADJUSTMENTS PLUS CLAIMS BY THE CONTRACTOR FOR EXTRA COMPENSATION

MUST BE MADE AND APPROVED IN WRITING BEFORE EXECUTING THE WORK INVOLVED. THE CONTRACTOR SHALL RE-EXECUTE ANY WORK THAT FAILS TO CONFORM TO THE REQUIREMENTS OF THE CONTRACT

AND SHALL REMEDY DEFECTS DUE TO FAULTY MATERIALS OR WORKMANSHIP UPON WRITTEN NOTICE FROM THE OWNER'S REPRESENTATIVE AT THE SOONEST POSSIBLE TIME THAT CAN BE COORDINATED WITH OTHER WORK AND SEASONAL 1.9 DEFINITIONS

ALL TERMS IN THIS SPECIFICATION SHALL BE AS DEFINED IN THE "GLOSSARY OF ARBORICULTURAL TERMS" OR AS MODIFIED BELOW.

1. OWNER'S REPRESENTATIVE: THE PERSON APPOINTED BY THE OWNER TO REPRESENT THEIR INTEREST IN THE REVIEW AND APPROVAL OF THE WORK AND TO SERVE AS THE CONTRACTING AUTHORITY WITH THE CONTRACTOR. THE OWNER'S REPRESENTATIVE MAY APPOINT OTHER PERSONS TO REVIEW AND APPROVE ANY ASPECTS OF THE WORK. 2. REASONABLE AND REASONABLY: WHEN USED IN THIS SPECIFICATION IS INTENDED TO MEAN THAT THE CONDITIONS

CITED WILL NOT AFFECT THE ESTABLISHMENT OR LONG TERM STABILITY, HEALTH OR GROWTH OF THE PLANT. THIS SPECIFICATION RECOGNIZES THAT PLANTS ARE NOT FREE OF DEFECTS, AND THAT PLANT CONDITIONS CHANGE WITH TIME. THIS SPECIFICATION ALSO RECOGNIZES THAT SOME DECISIONS CANNOT BE TOTALLY BASED ON MEASURED FINDINGS AND THAT PROFESSION JUDGMENT IS REQUIRED. IN CASES OF DIFFERING OPINION, THE OWNER'S

REPRESENTATIVE EXPERT SHALL DETERMINE WHEN CONDITIONS WITHIN THE PLANT ARE JUDGED AS REASONABLE.

3. SHRUB: WOODY PLANTS WITH MATURE HEIGHT APPROXIMATELY LESS THAN 25 FEET. 4. TREE AND PLANT PROTECTION AREA: AREA SURROUNDING INDIVIDUAL TREES, GROUPS OF TREES, SHRUBS, OR OTHER THE OWNER'S REPRESENTATIVE. ROOT PRUNING SHALL BE IN CONFORMANCE WITH ANSI A300 VEGETATION TO BE PROTECTED DURING CONSTRUCTION, AND DEFINED BY A CIRCLE CENTERED ON THE TRUNK WITH EDITION.

REPRESENTATIVE OR THE CONSTRUCTION DRAWINGS 5. TREE: SINGLE AND MULTI-STEMMED PLANTS, INCLUDING PALMS WITH ANTICIPATED MATURE HEIGHT APPROXIMATELY GREATER THAN 25 FEET OR ANY PLANT IDENTIFIED ON THE PLANS AS A TREE.

EACH TREE WITH A RADIUS EQUAL TO THE CLOWN DRIPLINE UNLESS OTHERWISE INDICATED BY THE OWNER'S

1.10 SUBMITTALS

ARBORIST REPORT A CONSULTING ARBORIST WHO IS A REGISTERED CONSULTING ARBORIST® (RCA) WITH AMERICAN SOCIETY OF CONSULTING ARBORISTS OR AN ISA BOARD CERTIFIED ARBORIST. WHICH DETAILS THE FOLLOWING INFORMATION FOR ALL TREES TO REMAIN WITHIN THE AREA DESIGNATED ON THE DRAWINGS AS THE TREE AND PLANT PROTECTION AREA. THE REPORT SHALL INCLUDE THE FOLLOWING

a. A DESCRIPTION OF EACH TREE TO REMAIN INDICATING ITS GENUS AND SPECIES, CONDITION INCLUDING ANY VISIBLI DAMAGE TO THE ROOT SYSTEM OR SOIL WITHIN THE ROOT ZONE. TREE DIAMETER AT BREAST HEIGHT (DBH) AND APPROXIMATE HEIGHT AND CANOPY SPREAD, SIZE AND ANY VISIBLE DISEASE, INSECT INFESTATIONS AND OR BRANCH AND TRUNK STRUCTURAL DEFICIENCIES.

b. THE REPORT SHALL NOTE ALL TREES OR PARTS OF TREES, WHICH ARE CONSIDERED A HAZARD OR SIGNIFICANT OR EXTREME RISK LEVEL. INCLUDE THE INTERNATIONAL SOCIETY OF ARBORICULTURE HAZARD EVALUATION SHEET FOR B. EACH TREE, WHICH MAY REASONABLY BE IDENTIFIED AS A POTENTIAL HAZARD TREE.

c. RECOMMENDATIONS AS TO TREATMENT OF ALL INSECT, DISEASE AND STRUCTURAL PROBLEMS ENCOUNTERED. d. RECOMMENDATIONS FOR FERTILIZER TREATMENTS. IF ANY. e. A PLAN OF THE SITE SHOWING THE LOCATION OF ALL TREES INCLUDED IN THE REPORT.

PRODUCT DATA

1. SUBMIT MANUFACTURER PRODUCT DATA AND LITERATURE DESCRIBING ALL PRODUCTS REQUIRED BY THIS SECTION TO THE OWNER'S REPRESENTATIVE FOR APPROVAL. PROVIDE SUBMITTAL BEFORE THE START OF ANY WORK AT THE

QUALIFICATIONS SUBMITTAL 1. FOR EACH APPLICABLE PERSON EXPECTED TO WORK ON THE PROJECT, PROVIDE COPIES OF THE QUALIFICATIONS AND 3.9 GENERAL REQUIREMENTS AND LIMITATIONS FOR OPERATIONS WITHIN THE TREE AND PLANT PROTECTION AREA: EXPERIENCE OF THE CONSULTING ARBORIST, PROOF OF EITHER THE REGISTERED CONSULTING ARBORIST® (RCA)

WITH AMERICAN SOCIETY OF CONSULTING ARBORISTS OR AN ISA BOARD CERTIFIED MASTER ARBORIST, ANY ISA CERTIED ARBORISTS, AND ANY REQUIRED HERBICIDE/PESTICIDE LICENSE TO THE OWNER'S REPRESENTATIVE, FOR REVIEW PRIOR TO THE START OF WORK.

1.11 OBSERVATION OF THE WORK

A. THE OWNER'S REPRESENTATIVE MAY INSPECT THE WORK AT ANY TIME. 1.12 PRF-CONSTRUCTION CONFERENCE SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE OWNER'S REPRESENTATIVE AT LEAST SEVEN (7) DAYS BEFORE

BEGINNING WORK TO REVIEW ANY QUESTIONS THE CONTRACTOR MAY HAVE REGARDING THE WORK, ADMINISTRATIVE PROCEDURES DURING CONSTRUCTION AND PROJECT WORK SCHEDULE.

1. THE FOLLOWING CONTRACTORS SHALL ATTEND THE PRECONSTRUCTION CONFERENCE: a. GENERAL CONTRACTOR.

b. CONSULTING ARBORIST/CERTIFIED ARBORIST c. TREE AND PLANT PROTECTION SUB-CONTRACTOR.

d. EARTHWORK SUB-CONTRACTOR. e. ALL SITE UTILITY SUB-CONTRACTORS THAT MAY BE REQUIRED TO DIG OR TRENCH INTO THE SOIL.

SPECIFICATION FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE.

f. LANDSCAPE SUB-CONTRACTOR.

g. IRRIGATION SUB-CONTRACTOR. h. PRIOR TO THIS MEETING, MARK ALL TREES AND PLANTS TO REMAIN AND OR BE REMOVED AS DESCRIBED IN THIS

1.13 QUALITY ASSURANCE

A. CONTRACTOR QUALIFICATIONS:

1. ALL PRUNING, BRANCH TIE BACK, TREE REMOVAL, ROOT PRUNING, AND FERTILIZING REQUIRED BY THIS SECTION SHALL BE PERFORMED BY OR UNDER THE DIRECT SUPERVISION OF ISA CERTIFIED ARBORIST. SUBMIT

AFOREMENTIONED INDIVIDUAL'S QUALIFICATIONS FOR APPROVAL BY THE OWNER'S REPRESENTATIVE 2. ALL APPLICATIONS OF PESTICIDE OR HERBICIDE SHALL BE PERFORMED BY A PERSON MAINTAINING A CURRENT STATE LICENSE TO APPLY CHEMICAL PESTICIDES VALID IN THE JURISDICTION OF THE PROJECT. SUBMIT COPIES OF ALL REQUIRED STATE LICENSING CERTIFICATES INCLUDING APPLICABLE CHEMICAL APPLICATOR LICENSES.

PART 2 PRODUCTS

1. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND A. HEAVY-DUTY PLASTIC LAMINATED OR CORRUGATED PLASTIC SIGNS, 24 INCHES X 36 INCHES, WHITE COLORED BACKGROUND WITH BLACK 2 INCH HIGH OR LARGER LETTERS BLOCK LETTERS. THE SIGNS SHALL BE STAKED ADJACENT TO EXISTING TREES. THE TREE PROTECTION SIGN SHALL READ "KEEP OUT - TREE AND PLANT PROTECTION AREA" AND OTHER PROJECT INFORMATION AS SHOWN ON DRAWINGS.

THIS PARAGRAPH FORM A PART OF THE SPECIFICATION TO THE EXTENT REQUIRED BY THE REFERENCES THERETO. IN THE A. MATTING FOR VEHICLE AND WORK PROTECTION SHALL BE HEAVY DUTY MATTING DESIGNED FOR VEHICLE LOADING OVER EVENT THAT THE REQUIREMENTS OF THE FOLLOWING REFERENCED STANDARDS AND SPECIFICATION CONFLICT WITH THIS

TREE ROOTS, ALTURNAMATS AS MANUFACTURED BY ALTURNAMATS, INC. FRANKLIN, PA 16323 OR APPROVED EQUAL. B. SUBMIT SUPPLIERS PRODUCT DATA THAT PRODUCT MEETS THE REQUIREMENTS FOR APPROVAL.

GEOGRID SHALL BE WOVEN POLYESTER FABRIC WITH PVC COATING, UNI-AXIAL OR BIAXIAL GEOGRID, INERT TO BIOLOGICAL DEGRADATION, RESISTANT TO NATURALLY OCCURRING CHEMICALS, ALKALIS, ACIDS.

1. GEOGRID SHALL BE MIRAGRID 2XT AS MANUFACTURED BY TEN CATE NICOLON, NORCROSS, GA. HTTP://WWW.TENCATE.COM OR APPROVED EQUAL.

B. SUBMIT SUPPLIERS PRODUCT DATA THAT PRODUCT MEETS THE REQUIREMENTS FOR APPROVAL.

FILTER FABRIC SHALL BE NONWOVEN POLYPROPYLENE FIBERS, INERT TO BIOLOGICAL DEGRADATION AND RESISTANT OF NATURALLY OCCURRING CHEMICALS, ALKALIS AND ACIDS.

1. MIRAFI 135 N AS MANUFACTURED BY TEN CATE NICOLON, NORCROSS, GA. <u>HTTP://www.tencate.com</u> or approved

B. SUBMIT SUPPLIERS PRODUCT DATA THAT PRODUCT MEETS THE REQUIREMENTS FOR APPROVAL. PART 3 EXECUTION

A. EXAMINE THE SITE, TREE, PLANT AND SOIL CONDITIONS. NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING OF ANY CONDITIONS THAT MAY IMPACT THE SUCCESSFUL TREE AND PLANT PROTECTIONS THAT IS THE INTENT OF THIS SECTION. 3.2 COORDINATION WITH PROJECT WORK

THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER WORK THAT MAY IMPACT THE COMPLETION OF THE WORK. PRIOR TO THE START OF WORK, PREPARE A DETAILED SCHEDULE OF THE WORK FOR COORDINATION WITH OTHER TRADES COORDINATE THE RELOCATION OF ANY IRRIGATION LINES CURRENTLY PRESENT ON THE IRRIGATION PLAN, HEADS OR THE CONDUITS OF OTHER UTILITY LINES OR STRUCTURES THAT ARE IN CONFLICT WITH TREE LOCATIONS. TREE ROOTS SHALL NOT BE ALTERED TO FIT AROUND LINES. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY CONFLICTS ENCOUNTERED.

A. THE TREE AND PLANT PROTECTION AREA IS DEFINED AS ALL AREAS INDICATED ON THE TREE PROTECTION PLAN. WHERE NO LIMIT OF THE TREE AND PLANT PROTECTION AREA IS DEFINED ON THE DRAWINGS, THE LIMIT SHALL BE THE DRIP LINE (OUTER EDGE OF THE BRANCH CROWN) OF EACH TREE.

A. PRIOR TO THE PRECONSTRUCTION MEETING, LAYOUT THE LIMITS OF THE TREE AND PLANT PROTECTION AREA AND THEN 3.10 TREE REMOVAL: ALIGNMENTS OF REQUIRED TREE AND PLANT PROTECTION FENCING AND ROOT PRUNING. OBTAIN THE OWNER'S FLAG ALL TREES AND LARGE SHRUBS TO BE REMOVED BY WRAPPING ORANGE PLASTIC RIBBON AROUND THE TRUNK AND

OBTAIN THE OWNER'S REPRESENTATIVE'S APPROVAL OF ALL TREES AND LARGE SHRUBS TO BE REMOVED PRIOR TO THE START OF TREE AND SHRUB REMOVAL. AFTER APPROVAL, MARK ALL TREES AND SHRUBS TO BE REMOVED WITH ORANGE PAINT IN A BAND COMPLETELY AROUND THE BASE OF THE TREE OR LARGE SHRUB 4.5 FEET ABOVE THE GROUND. FLAG ALL TREES AND LARGE SHRUBS TO REMAIN WITH WHITE PLASTIC RIBBON TIED COMPLETELY AROUND THE TRUNK OR EACH TREE AND ON A PROMINENT BRANCH FOR EACH SHRUB. OBTAIN THE OWNER'S REPRESENTATIVE'S APPROVAL OF

ALL TREES AND SHRUBS TO REMAIN PRIOR TO THE START OF TREE AND SHRUB REMOVAL. PRIOR TO ANY CONSTRUCTION ACTIVITY AT THE SITE INCLUDING UTILITY WORK, GRADING, STORAGE OF MATERIALS, OR INSTALLATION OF TEMPORARY CONSTRUCTION FACILITIES, INSTALL ALL TREE PROTECTION FENCING, FILTER FABRIC, SILT FENCE, TREE PROTECTION SIGNS, GEOGRID, MULCH AND OR WOOD CHIPS AS SHOWN ON THE DRAWINGS.

VOLUMETRIC SOIL MOISTURE LEVEL. IN ALL SOILS WITHIN THE TREE AND PLANT PROTECTION AREA SHALL BE MAINTAINED ABOVE PERMANENT WILT POINT TO A DEPTH OF AT LEAST 8 INCHES. NO SOIL WORK OR OTHER ACTIVITY SHALL BE PERMITTED WITHIN THE TREE AND PLANT PROTECTION AREA WHEN THE VOLUMETRIC SOIL MOISTURE IS ABOVE FIELD CAPACITY. THE PERMANENT WILT POINT AND FIFLD CAPACITY FOR EACH TYPE OF SOIL TEXTURE SHALL BE DEFINED AS FOLLOWS (NUMBERS INDICATE PERCENTAGE VOLUMETRIC SOIL MOISTURE):

SOIL TYPE PERMANENT WILT POINT V/V FIELD CAPACITY V/V SAND, LOAMY SAND, SANDY LOAM 12 - 18% 27 - 36% LOAM, SANDY CLAY, SANDY CLAY LOAM 14 - 25% CLAY LOAM, SILT LOAM 11 - 22% 31 - 36% SILTY CLAY, SILTY CLAY LOAM 22 - 27% 38 - 41%

VOLUMETRIC SOIL MOISTURE SHALL BE MEASURED WITH A DIGITAL, ELECTRIC CONDUCTIVITY METER. THE METER SHALL BE THE DIGITAL SOIL MOISTURE METER, DSMM500 BY GENERAL SPECIALTY TOOLS AND INSTRUMENTS, OR APPROVED

THE CONTRACTOR SHALL CONFIRM THE SOIL MOISTURE LEVELS WITH A MOISTURE METER. IF THE MOISTURE IS TOO HIGH, SUSPEND OPERATIONS UNTIL THE SOIL MOISTURE DRAINS TO BELOW FIELD CAPACITY.

FINAL RECOMMENDATIONS ON ANY ROOT PRUNING REQUIREMENTS AND PROCEDURES ARE TO BE DETERMINED THE PROJECT ARBORIST AND PROVIDED IN WRITING TO THE OWNER'S REPRESENTATIVE PRIOR TO ANY ROOT PRUNING. PRIOR TO ANY EXCAVATING INTO THE EXISTING SOIL GRADE WITHIN 25 FEET OF THE LIMIT OF THE TREE AND PLANT PROTECTION AREA OR TREES TO REMAIN, ROOT PRUNE ALL EXISTING TREES TO A DEPTH OF 24 INCHES BELOW EXISTING GRADE IN ALIGNMENTS FOLLOWING THE EDGES OF THE TREE AND PLANT PROTECTION AREA OR AS DIRECTED BY (PART 8) LATEST

1. USING A ROCK SAW, CHAIN TRENCHER OR SIMILAR TRENCHING DEVICE, MAKE A VERTICAL CUT WITHIN 2 FEET OF THE 3.12 WATERING LIMIT OF GRADING. 2. AFTER COMPLETION OF THE CUT, MAKE CLEAN CUTS WITH A LOPPER, SAW OR PRUNER TO REMOVE ALL TORN ROOT ENDS ON THE TREE SIDE OF THE EXCAVATION, AND BACKFILL THE TRENCH IMMEDIATELY WITH EXISTING SOIL, FILLING

3.7 INSTALLATION OF GEOGRIDS, FILTER FABRIC, MATTING, AND OR AGGREGATE 1. PRIOR TO THE START OF CONSTRUCTION, SUBMIT, FOR APPROVAL BY THE OWNER'S REPRESENTATIVE, THE REPORT OF A. INSTALL GEOGRIDS, FILTER FABRIC, MATTING, AND/OR AGGREGATE IN AREAS AND DEPTHS SHOWN ON THE PLANS AND DETAILS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. IN GENERAL IT IS THE INTENT OF THIS SPECIFICATION TO PROVIDE THE FOLLOWING LEVELS OF PROTECTION:

> 1. AREAS WHERE FOOT TRAFFIC OR STORAGE OF LIGHTWEIGHT MATERIALS IS ANTICIPATED TO BE UNAVOIDABLE PROVIDE A LAYER OF FILTER FABRIC UNDER THE 6 INCHES OF MULCH. 2. AREAS WHERE OCCASIONAL LIGHT VEHICLE TRAFFIC IS ANTICIPATED TO BE UNAVOIDABLE PROVIDE A LAYER OF GEOGRIDS UNDER 8 INCHES OF MULCH.

3. AREAS WHERE HEAVY VEHICLE TRAFFIC IS UNAVOIDABLE PROVIDE A LAYER OF GEOGRIDS UNDER 8 - 12 INCHES OF

MATERIALS SUCH AS SOIL, OR AGGREGATE SHALL NEVER BE STORED WITHIN THE TREE AND PLANT PROTECTION AREA.

MULCH AND A LAYER OF MATTING OVER THE MULCH. THE OWNER'S REPRESENTATIVE SHALL APPROVE THE APPROPRIATE LEVEL OF PROTECTION. IN THE ABOVE REQUIREMENTS, LIGHT VEHICLE IS DEFINED AS A TRACK SKID STEER WITH A GROUND PRESSURE OF 4 PSI OR LIGHTER. A HEAVY VEHICLE IS ANY VEHICLE WITH A TIRE OR TRACK PRESSURE OF GREATER THAN 4 PSI. LIGHTWEIGHT 3.15 CLEAN-UP MATERIALS ARE ANY PACKAGED MATERIALS THAT CAN BE PHYSICALLY MOVED BY HAND INTO THE LOCATION. BULK

3.8 PROTECTION: PROTECT THE TREE AND PLANT PROTECTION AREA AT ALL TIMES FROM COMPACTION OF THE SOIL; DAMAGE OF ANY KIND TO TRUNKS, BARK, BRANCHES, LEAVES AND ROOTS OF ALL PLANTS; AND CONTAMINATION OF THE SOIL, BARK OR LEAVES WITH CONSTRUCTION MATERIALS, DEBRIS, SILT, FUELS, OILS, AND ANY CHEMICALS SUBSTANCE. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY SPILLS, COMPACTION OR DAMAGE AND TAKE CORRECTIVE ACTION IMMEDIATELY USING METHODS APPROVED BY THE OWNER'S REPRESENTATIVE.

WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE INCLUDING: OPERATING, MOVING OR STORING EQUIPMENT; BY THE CONTRACTOR. STORING SUPPLIES OR MATERIALS; LOCATING TEMPORARY FACILITIES INCLUDING TRAILERS OR PORTABLE TOILETS AND 3.16 REMOVAL OF TREE AND PLANT PROTECTION SHALL NOT PERMIT EMPLOYEES TO TRAVERSE THE AREA TO ACCESS ADJACENT AREAS OF THE PROJECT OR USE THE A. AT THE END OF THE CONSTRUCTION PERIOD OR WHEN REQUESTED BY THE OWNER'S REPRESENTATIVE REMOVE ALL AREA ANY REASON. PERMITTED ACTIVITY, IF ANY, WITHIN THE TREE AND PLANT PROTECTION AREA MAY BE INDICATED ON

THE DRAWINGS ALONG WITH ANY REQUIRED REMEDIAL ACTIVITY AS LISTED BELOW. IN THE EVENT THAT CONSTRUCTION/VEHICULAR ACTIVITY IS UNAVOIDABLE WITHIN THE TREE AND PLANT PROTECTION

3.17 DAMAGE OR LOSS TO EXISTING PLANTS TO REMAIN AREA, NOTIFY THE OWNER'S REPRESENTATIVE AND SUBMIT A DETAILED WRITTEN PLAN OF ACTION FOR APPROVAL. THE PLAN SHALL INCLUDE: A STATEMENT DETAILING THE REASON FOR THE ACTIVITY INCLUDING WHY OTHER AREAS ARE NOT SUITED; A DESCRIPTION OF THE PROPOSED ACTIVITY; THE TIME PERIOD FOR THE ACTIVITY, AND A LIST OF REMEDIAL ACTIONS THAT WILL REDUCE THE IMPACT ON THE TREE AND PLANT PROTECTION AREA FROM THE ACTIVITY. TREE

PROTECTION FOR THE REMEDIAL ACTIONS SHALL INCLUDE BUT SHALL NOT BE LIMITED TO THE FOLLOWING: 1. IN GENERAL, DEMOLITION AND EXCAVATION WITHIN THE DRIP LINE OF TREES AND SHRUBS SHALL PROCEED WITH EXTREME CARE EITHER BY THE USE OF HAND TOOLS, DIRECTIONAL BORING AND OR AIR KNIFE EXCAVATION WHERE INDICATED OR WITH OTHER LOW IMPACT EQUIPMENT THAT WILL NOT CAUSE DAMAGE TO THE TREE, ROOTS OR SOIL.

2. WHEN ENCOUNTERED, EXPOSED ROOTS, 1 INCHES AND LARGER IN DIAMETER SHALL BE WORKED AROUND IN A MANNER THAT DOES NOT BREAK THE OUTER LAYER OF THE ROOT SURFACE (BARK). THESE ROOTS SHALL BE COVERED IN MULCH AND SHALL BE MAINTAINED ABOVE PERMANENT WILT POINT AT ALL TIMES. ROOTS ONE INCH AND LARGER IN DIAMETER SHALL NOT BE CUT WITHOUT THE APPROVAL OF THE OWNERS REPRESENTATIVE AND PROJECT ARBORIST. EXCAVATION SHALL BE TUNNELED UNDER THESE ROOTS WITHOUT CUTTING THEM. IN THE AREAS WHERE ROOTS ARE ENCOUNTERED, WORK SHALL BE PERFORMED AND SCHEDULED TO CLOSE EXCAVATIONS AS QUICKLY AS POSSIBLE OVER EXPOSED ROOTS.

3. TREE BRANCHES THAT INTERFERE WITH THE CONSTRUCTION MAY BE TIED BACK OR PRUNED TO CLEAR ONLY TO THE POINT NECESSARY TO COMPLETE THE WORK. OTHER BRANCHES SHALL ONLY BE REMOVED WHEN SPECIFICALLY INDICATED BY THE OWNER'S REPRESENTATIVE. TYING BACK OR TRIMMING OF ALL BRANCHES AND THE CUTTING OF ROOTS SHALL BE IN ACCORDANCE WITH ACCEPTED ARBORICULTURAL PRACTICES (ANSI A300, PARTS 1 AND 8) AND BE PERFORMED UNDER SUPERVISION OF THE I.S.A. CERTIFIED ARBORIST

4. MATTING: INSTALL TEMPORARY MATTING OR AN ADDITIONAL 12 INCH MULCH LAYER OVER THE MULCH SPECIFIED HEREFORD WITHIN THESE SPECIFICATIONS TO THE EXTENT INDICATED. DO NOT PERMIT FOOT TRAFFIC, SCAFFOLDING, VEHICULAR TRAFFIC, OR THE STORAGE OF MATERIALS WITHIN THE TREE AND PLANT PROTECTION AREA TO OCCUR OFF

5. TRUNK PROTECTION: PROTECT THE TRUNK OF EACH TREE TO REMAIN BY COVERING IT WITH A CLOSED CELL FOAM PAD AND A RING OF 2" x 4" x 4'-0" PLANKS LOOSELY BANDED ONTO THE TREE WITH 3 STEEL BANDS. STAPLE THE BANDS TO THE PLANKS AS NECESSARY TO HOLD THEM SECURELY IN PLACE. TRUNK PROTECTION MUST BY KEPT IN PLACE NO LONGER THAN 12 MONTHS. IF CONSTRUCTION REQUIRES WORK NEAR A PARTICULAR TREE TO CONTINUE LONGER THAN 12 MONTHS, THE STEEL BANDS SHALL BE INSPECTED EVERY SIX MONTHS AND LOOSENED IF THEY ARE FOUND TO END OF SECTION 015639 HAVE BECOME TIGHT.

6. AIR EXCAVATION TOOL: IF EXCAVATION FOR FOOTINGS OR UTILITIES IS REQUIRED WITHIN THE TREE AND PLANT PROTECTION AREA, AIR EXCAVATION TOOL TECHNIQUES SHALL BE USED WHERE PRACTICAL OR AS DESIGNED ON THE

a. REMOVE THE MULCH FROM AN AREA APPROXIMATELY 18 INCHES BEYOND THE LIMITS OF THE HOLE OR TRENCH TO BE EXCAVATED. COVER THE MULCH FOR A DISTANCE OF NOT LESS THAN 15 FEET AROUND THE LIMIT OF THE EXCAVATION AREA WITH FILTER FABRIC OR PLASTIC SHEETING TO PROTECT THE MULCH FROM SILT. MOUND THE MUI CH SO THAT THE PLASTIC SLOPES TOWARDS THE EXCAVATION.

b. USING A SPRINKLER OR SOAKER HOSE, APPLY WATER SLOWLY TO THE AREA OF THE EXCAVATION FOR A PERIOD OF AT LEAST 4 HOURS, APPROXIMATELY 12 HOURS PRIOR TO THE WORK SO THAT THE GROUND WATER LEVEL IS AT OR NEAR FIELD CAPACITY AT THE BEGINNING OF THE WORK. FOR EXCAVATIONS THAT GO BEYOND THE DAMP SOIL, REWET THE SOIL AS NECESSARY TO KEEP SOIL MOISTURE NEAR FIELD CAPACITY. C. USING AN AIR EXCAVATION TOOL SPECIFICALLY DESIGNED AND MANUFACTURED FOR THE INTENDED PURPOSE, AND

AT PRESSURES RECOMMENDED BY THE MANUFACTURER OF THE EQUIPMENT, FRACTURE THE EXISTING SOIL TO THE SHAPE AND THE DEPTHS REQUIRED. WORK AT RATES AND USING TECHNIQUES THAT DO NOT HARM TREE ROOTS. AIR PRESSURE SHALL BE A MAXIMUM OF 90-100 PSI. 1.) THE AIR EXCAVATION TOOL SHALL BE "AIR-SPADE" AS MANUFACTURED BY CONCEPT ENGINEERING GROUP, INC., VERONA, PA (412) 826-8800, OR AIR KNIFE AS MANUFACTURED BY EASY USE AIR TOOLS, INC. ALLISON PARK, PA

(866) 328-5723 OR APPROVED EQUAL. d. USING A COMMERCIAL, HIGH-POWERED VACUUM TRUCK IF REQUIRED, REMOVE THE SOIL FROM THE EXCAVATION PRODUCED BY THE AIR KNIFE EXCAVATION. THE VACUUM TRUCK SHOULD GENERALLY OPERATE SIMULTANEOUSLY WITH THE HOSE OPERATOR, SUCH THAT THE SOIL PRODUCED IS PICKED UP FROM THE EXCAVATION HOLE, AND THE EXPOSED ROOTS CAN BE OBSERVED AND NOT DAMAGED BY THE ONGOING OPERATION. DO NOT DRIVE THE VACUUM TRUCK INTO THE TREE AND PLANT PROTECTION AREA UNLESS THE AREA IS PROTECTED FROM COMPACTION AS APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE.

e. REMOVE ALL EXCAVATED SOIL AND EXCAVATED MULCH, AND CONTAMINATED SOIL AT THE END OF THE EXCAVATION. f. SCHEDULE THE WORK SO THAT FOUNDATIONS OR UTILITY WORK IS COMPLETED IMMEDIATELY AFTER THE EXCAVATION. DO NOT LET THE ROOTS DRY OUT. MIST THE ROOTS SEVERAL TIMES DURING THE DAY. IF THE EXCAVATED AREA MUST REMAIN OPEN OVER NIGHT, MIST THE ROOTS AND COVER THE EXCAVATION WITH BLACK

g. DISPOSE OF ALL SOIL IN A MANNER THAT MEETS LOCAL LAWS AND REGULATIONS.

h. RESTORE SOIL WITHIN THE TRENCH AS SOON AS THE WORK IS COMPLETED. UTILIZE SOIL OF SIMILAR TEXTURE TO THE REMOVED SOIL AND LIGHTLY COMPACT WITH HAND TOOLS. LEAVE SOIL MOUNDED OVER THE TRENCH TO A HEIGHT OF APPROXIMATELY 10% OF THE TRENCH DEPTH TO ACCOUNT FOR SETTLEMENT.

i. RESTORE ANY GEOGRIDS, FILTER FABRIC, OR MULCH AND OR MATTING THAT WAS PREVIOUSLY REQUIRED FOR THE

REMOVE ALL TREES INDICATED BY THE DRAWINGS AND SPECIFICATIONS. AS REQUIRING REMOVAL, IN A MANNER THA WILL NOT DAMAGE ADJACENT TREES OR STRUCTURES OR COMPACTS THE SOIL. REMOVE TREES THAT ARE ADJACENT TO TREES OR STRUCTURES TO REMAIN, IN SECTIONS, TO LIMIT THE OPPORTUNITY OF DAMAGE TO ADJACENT CROWNS, TRUNKS, GROUND PLANE FLEMENTS AND STRUCTURES DO NOT DROP TREES WITH A SINGLE CUT UNLESS THE TREE WILL FALL IN AN AREA NOT INCLUDED IN THE TREE AND

BE PUSHED OVER OR UP-ROOTED USING A PIECE OF GRADING FQUIPMENT PROTECT ADJACENT PAVING. SOIL. TREES. SHRUBS. GROUND COVER PLANTINGS AND UNDERSTORY PLANTS TO REMAIN FROM DAMAGE DURING ALL TREE REMOVAL OPERATIONS. AND FROM CONSTRUCTION OPERATIONS. PROTECTION SHALL INCLUDE THE ROOT SYSTEM, TRUNK, LIMBS, AND CROWN FROM BREAKAGE OR SCARRING, AND THE SOIL FROM

PLANT PROTECTION AREA. NO TREE TO BE REMOVED WITHIN 50 FEET OF THE TREE AND PLANT PROTECTION AREA SHALL

REMOVE STUMPS AND IMMEDIATE ROOT PLATE FROM EXISTING TREES TO BE REMOVED. GRIND TRUNK BASES AND LARGE BUTTRESS ROOTS TO A DEPTH OF THE LARGEST BUTTRESS ROOT OR AT LEAST 18 INCHES BELOW THE TOP MOST ROOTS WHICH EVER IS LESS AND OVER THE AREA OF THREE TIMES THE DIAMETER OF THE TRUNK (DBH)

1. FOR TREES WHERE THE STUMP WILL FALL UNDER NEW PAVED AREAS, GRIND ROOTS TO A TOTAL DEPTH OF 18 INCHES BELOW THE EXISTING GRADE. IF THE SIDES OF THE STUMP HOLE STILL HAVE GREATER THAN APPROXIMATELY 20% WOOD VISIBLE, CONTINUE GRINDING OPERATION DEEPER AND OR WIDER UNTIL THE RESULTING HOLE HAS LESS THAN 20% WOOD, REMOVE ALL WOOD CHIPS PRODUCED BY THE GRINDING OPERATION AND BACK FILL IN 8 INCH LAYERS WITH CONTROLLED FILL OF A QUALITY ACCEPTABLE TO THE SITE ENGINEER FOR FILL MATERIAL UNDER STRUCTURES COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY STANDARD PROCTOR. THE OWNER'S REPRESENTATIVE SHALL APPROVE EACH HOLE AT THE END OF THE GRINDING OPERATION.

2. IN AREAS WHERE THE TREE LOCATION IS TO BE A PLANTING BED OR LAWN, REMOVE ALL WOODCHIPS AND BACKFILL STUMP HOLES WITH PLANTING SOIL AS DEFINED IN THE SOIL MANAGEMENT SPECIFICATIONS, IN MAXIMUM OF 12 INCH LAYERS AND COMPACT TO 80 - 85% OF THE MAXIMUM DRY DENSITY STANDARD PROCTOR.

WITHIN SIX MONTHS OF THE ESTIMATED DATE OF SUBSTANTIAL COMPLETION, PRUNE ALL DEAD OR HAZARDOUS BRANCHES LARGER THAN 2 INCH IN DIAMETER FROM ALL TREES TO REMAIN. IMPLEMENT ALL PRUNING RECOMMENDATIONS FOUND IN THE ARBORIST REPORT.

PRUNE ANY LOW, HANGING BRANCHES AND VINES FROM EXISTING TREES AND SHRUBS THAT OVERHANG WALKS, STREETS AND DRIVES, OR PARKING AREAS AS FOLLOWS: 1. WALKS - WITHIN 8 FEET VERTICALLY OF THE PROPOSED WALK ELEVATION.

2. PARKING AREAS - WITHIN 12 FEET VERTICALLY OF THE PROPOSED PARKING SURFACE ELEVATION. 3. STREETS AND DRIVES - WITHIN 14 FEET VERTICALLY OF THE PROPOSED DRIVING SURFACE ELEVATION

ALL PRUNING SHALL BE DONE IN ACCORDANCE WITH ANSI A300 (PART 1 - PRUNING), ISA BMP: TREE PRUNING AND THE "STRUCTURAL PRUNING: A GUIDE FOR THE GREEN INDUSTRY. PERFORM OTHER PRUNING TASK AS INDICATED ON THE DRAWINGS OR REQUESTED BY THE OWNER'S REPRESENTATIVE WHERE TREE SPECIFIC DISEASE VECTORS REQUIRE, STERILIZE ALL PRUNING TOOLS BETWEEN THE WORK IN INDIVIDUAL

A. THE CONTRACTOR SHALL NOT ENGAGE IN ANY CONSTRUCTION ACTIVITY WITHIN THE TREE AND PLANT PROTECTION AREA D. REMOVE AND DISPOSE OF ALL EXCESS MULCH, WOOD CHIPS, PACKAGING, AND OTHER MATERIAL BROUGHT TO THE SITE

USING HOSES OR WATER TANKS AS REQUIRED.

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO ENSURE THAT ADEQUATE WATER IS PROVIDED TO ALL PLANTS AND TREES TO BE PRESERVED DURING THE ENTIRE CONSTRUCTION PERIOD. ADEQUATE WATER IS DEFINED TO BE MAINTAINING SOIL MOISTURE ABOVE THE PERMANENT WILT POINT TO A DEPTH OF 8 INCHES OR GREATER. THE CONTRACTOR SHALL ADJUST THE AUTOMATIC IRRIGATION SYSTEM, IF AVAILABLE, AND APPLY ADDITIONAL WATER,

PERIODICALLY TEST THE MOISTURE CONTENT IN THE SOIL WITHIN THE ROOT ZONE TO DETERMINE THE WATER CONTENT

DURING THE CONSTRUCTION PERIOD, CONTROL ANY PLANTS THAT SEED IN AND AROUND THE FENCED TREE AND PLANT PROTECTION AREA AT LEAST THREE TIMES A YEAR. 1. ALL PLANTS THAT ARE NOT SHOWN ON THE PLANTING PLAN OR ON THE TREE AND PLANT PROTECTION PLAN TO

REMAIN SHALL BE CONSIDERED AS WEEDS. AT THE END OF THE CONSTRUCTION PERIOD PROVIDE ONE FINAL WEEDING OF THE TREE AND PLANT PROTECTION AREA MONITOR ALL PLANTS TO REMAIN FOR DISEASE AND INSECT INFESTATIONS DURING THE ENTIRE CONSTRUCTION PERIOD.

PROVIDE ALL DISEASE AND INSECT CONTROL REQUIRED TO KEEP THE PLANTS IN A HEALTHY STATE USING THE PRINCIPLES

OF INTEGRATED PEST MANAGEMENT (IPM). ALL PESTICIDES SHALL BE APPLIED BY A CERTIFIED PESTICIDE APPLICATOR. DURING TREE AND PLANT PROTECTION WORK, KEEP THE SITE FREE OF TRASH, PAVEMENTS REASONABLY CLEAN AND WORK AREA IN AN ORDERLY CONDITION AT THE END OF EACH DAY, REMOVE TRASH AND DEBRIS IN CONTAINERS FROM THE SITE NO LESS THAN ONCE A WEEK.

CONTRACTOR FROM ALL SURFACES WITHIN THE PROJECT OR ON PUBLIC RIGHT OF WAYS AND NEIGHBORING ONCE TREE PROTECTION WORK IS COMPLETE, WASH ALL SOIL FROM PAVEMENTS AND OTHER STRUCTURES. ENSURE THAT MULCH IS CONFINED TO PLANTING BEDS.

MAKE ALL REPAIRS TO GRADES, RUTS, AND DAMAGE TO THE WORK OR OTHER WORK AT THE SITE.

1. IMMEDIATELY CLEAN UP ANY SPILLED OR TRACKED SOIL, FUEL, OIL, TRASH OR DEBRIS DEPOSITED BY THE

FENCING, GEOGRIDS AND FILTER FABRIC, TRUNK PROTECTION AND OR ANY OTHER TREE AND PLANT PROTECTION

ANY TREES OR PLANTS DESIGNATED TO REMAIN AND WHICH ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT THEIR OWN EXPENSE. TREES SHALL BE REPLACED WITH A TREE OF SIMILAR SPECIES AND 3 INCH CALIPER. SHRUBS SHALL BE REPLACED WITH A PLANT OF SIMILAR SPECIES AND EQUAL SIZE OR THE LARGEST SIZE PLANTS REASONABLY AVAILABLE WHICH EVER IS LESS. WHERE REPLACEMENT PLANTS ARE TO BE LESS THAN THE SIZE OF THE PLANT THAT IS DAMAGED, THE OWNER'S REPRESENTATIVE SHALL APPROVE THE SIZE AND QUALITY OF THE

1. ALL TREES AND PLANTS SHALL BE INSTALLED PER THE REQUIREMENTS OF PLANTING SPECIFICATIONS. PLANTS THAT ARE DAMAGED SHALL BE CONSIDERED AS REQUIRING REPLACEMENT OR APPRAISAL IN THE EVENT THAT THE DAMAGE AFFECTS MORE THAN 25% OF THE CROWN, 25% OF THE TRUNK CIRCUMFERENCE, OR ROOT PROTECTION AREA, OR THE TREE IS DAMAGED IN SUCH A MANNER THAT THE TREE COULD DEVELOP INTO A POTENTIAL HAZARD. TREES

AND SHRUBS TO BE REPLACED SHALL BE REMOVED BY THE CONTRACTOR AT HIS OWN EXPENSE. 1. THE OWNER'S REPRESENTATIVE MAY ENGAGE AN INDEPENDENT CONSULTING ARBORIST TO ASSESS ANY TREE OR

PLANT THAT APPEARS TO HAVE BEEN DAMAGED TO DETERMINE THEIR HEALTH OR CONDITION. 2. CONTRACTOR SHALL PAY ALL FINES AND MITIGATION COSTS ASSOCIATED WITH LOSS OF PROTECTED TREES DAMAGED

BY CONTRACTOR'S FORCES. ANY TREE THAT IS DETERMINED TO BE DEAD, DAMAGED OR POTENTIALLY HAZARDOUS BY THE OWNER'S ARBORIST AND UPON THE REQUEST OF THE OWNER'S REPRESENTATIVE SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER. TREE REMOVAL SHALL INCLUDE ALL CLEAN UP OF ALL WOOD PARTS AND GRINDING OF THE STUMP TO A DEPTH SUFFICIENT TO PLANT THE REPLACEMENT TREE OR PLANT, REMOVAL OF ALL CHIPS FROM THE STUMP SITE AND FILLING THE RESULTING HOLE WITH TOPSOIL.

ANY REMEDIAL WORK ON DAMAGED EXISTING PLANTS RECOMMENDED BY THE CONSULTING ARBORIST SHALL BE COMPLETED BY THE CONTRACTOR AT NO COST TO THE OWNER. REMEDIAL WORK SHALL INCLUDE BUT IS NOT LIMITED TO: SOIL COMPACTION REMEDIATION AND VERTICAL MULCHING, PRUNING AND OR CABLING, INSECT AND DISEASE CONTROL INCLUDING INJECTIONS, COMPENSATORY WATERING, ADDITIONAL MULCHING, AND COULD INCLUDE APPLICATION TREE GROWTH REGULATORS (TGR).

REMEDIAL WORK MAY EXTEND UP TO TWO YEARS FOLLOWING THE COMPLETION OF CONSTRUCTION TO ALLOW FOR ANY REQUIREMENTS OF MULTIPLE APPLICATIONS OR THE NEED TO UNDERTAKE APPLICATIONS AT REQUIRED SEASONS OF THE

EXISTING UNDERGROUND

UTILITIES. CONTRACTOR TO

VERIFY EXACT LOCATION

PRIOR TO ANY TRENCHING

OR EXCAVATION.

Know what's **below**.

Call before you dig

P.L.A. NIKOLAUS B. ADAMS L.A. No. 3404 Date 5/15/2025

Submitted: May 16th, 2025 <u> Architect:</u> Carroll Architects 750 E. Interstate 30, Ste. 110 801 S. Riverfront Boulevard,00 225 E. John W Carpenter FWY, Rockwall, Texas 75087 Dallas, Texas 75207 Contact: Joseph Bickham Contact: Glennon Langston Phone: 972-732-6085 Phone: 469-203-0159

SITE PLAN FOR

FUEL CITY - ROCKWALL

LOT 2, BLOCK A

CORNERSTONE COMMUNITY CHURCH

4.34 ACRES

N. BUTLER SURVEY ABSTRACT NO. 20

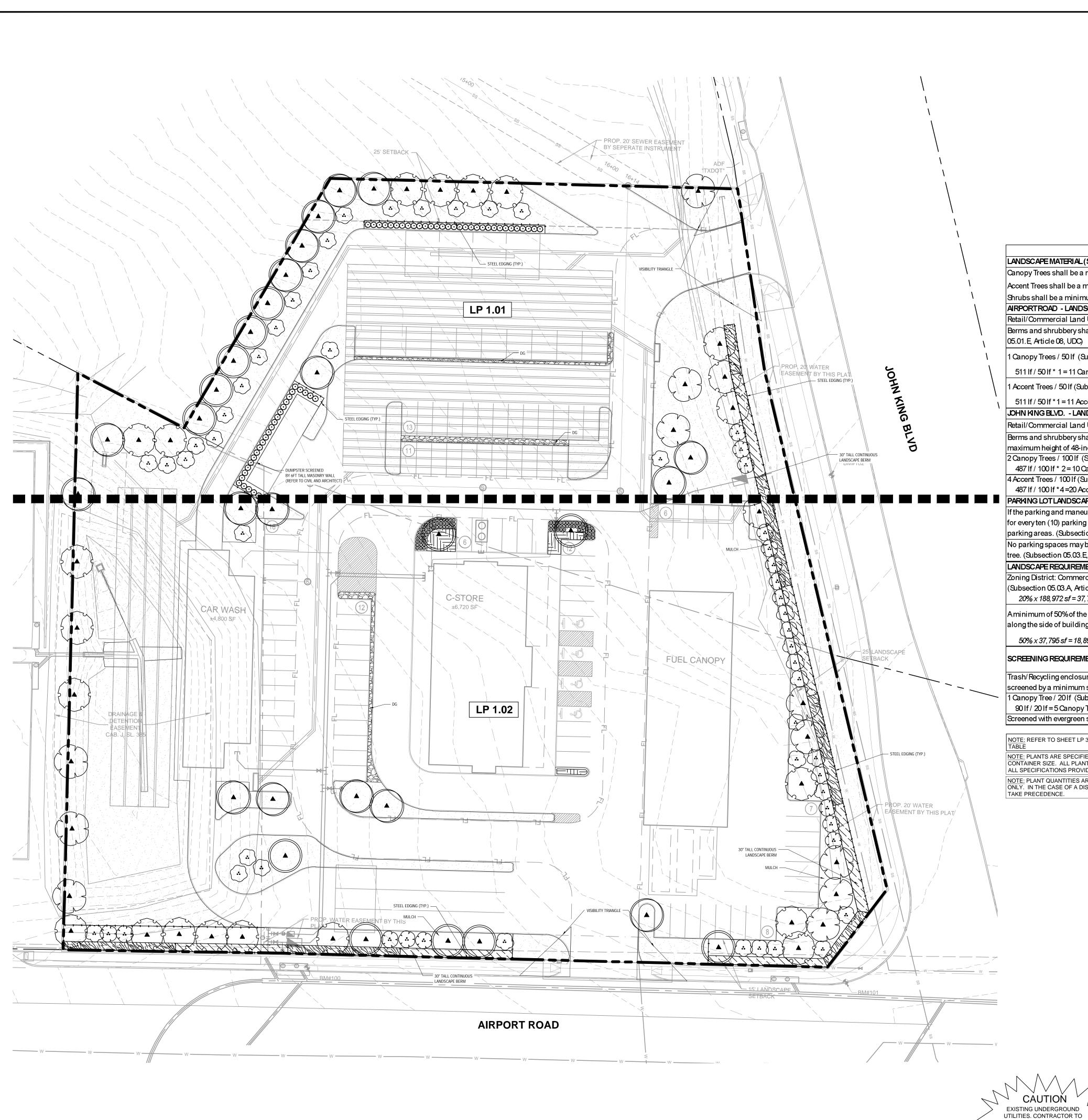
City of Rockwall, Rockwall County, Texas

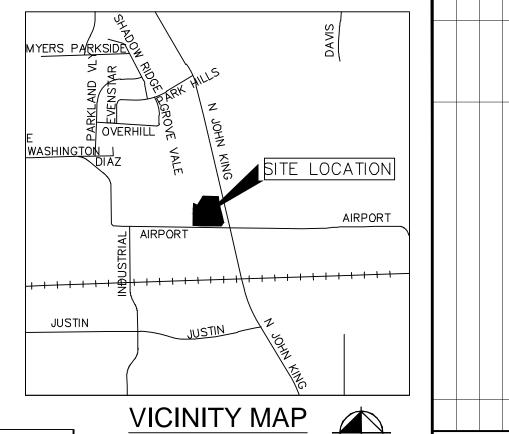
Current Zoning: C (Commerical District)

Proposed Land Use: Gas Station/ Car Wash

Kimley—Horn and Associates, Inc Irving, Texas 75062 Contact: Jared Earney, P.E. Phone: 214-420-5600

SHEET NUMBER TP 3.02

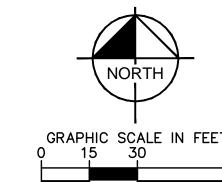




CITY OF ROCKWALL LANDSCAPE REQUIR	EMENTS	
LANDSCAPE MATERIAL (SECTION 4.A.)	REQUIRED	PROVIDED
Canopy Trees shall be a minimum of 4" caliper		
Accent Trees shall be a minimum of 4ft in total height	Yes	Yes
Shrubs shall be a minimum of 3 gallons in size		
AIRPORTROAD - LANDSCAPE BUFFERS	REQUIRED	PROVIDED
Retail/Commercial Land Uses: 15-feet (Subsection 05.01.E, Article 08, UDC)	10 ft	15 ft
Berms and shrubbery shall <u>each</u> have a minimum height of 30-inches. (Subsection 05.01.E, Article 08, UDC)	30 in	30 in
1 Canopy Trees / 50 lf (Subsection 05.01.E, Article 08, UDC)	11 Canopy Trees	11 Canopy Trees
511 lf / 50 lf * 1 = 11 Canopy Trees		
1 Accent Trees / 50 If (Subsection 05.01.E, Article 08, UDC)	11 Accent Trees	11 Accent Trees
511 If / 50 If * 1 = 11 Accent Trees		
JOHN KING BLVD LANDSCAPE BUFFERS	REQUIRED	PROVIDED
Retail/Commercial Land Use: 25 ft (Subsection 06.02.E, Article 05, UDC)	25 ft	25 ft
Berms and shrubbery shall <u>each</u> have a minimum height of 30-inches and a maximum height of 48-inches. (Subsection 06.02.E, Article 05, UDC)	30 in	30 in
2 Canopy Trees / 100 lf (Subsection 06.02.E, Article 05, UDC) 487 lf / 100 lf * 2 = 10 Canopy Trees	10 Canopy Trees	10 Canopy Trees
4 Accent Trees / 100 If (Subsection 06.02.E, Article 05, UDC) 487 If / 100 If *4 = 20 Accent Trees	20 Accent Trees	20 Accent Trees
PARKING LOTLANDSCAPING	REQUIRED	PROVIDED
If the parking and maneuvering space exceeds 20,000 sf, one (1) large canopy tree for every ten (10) parking spaces shallo be required to be planted internal to the parking areas. (Subsection 05.03. E, Article 08, UDC)	1 Canopy Tree per 10 spots	10 Canopy Trees
No parking spaces may be located more than 80-feet from the trunk of a canopy tree. (Subsection 05.03.E, Article 08, UDC)	80 ft	80 ft
LANDSCAPE REQUIREMENTS	REQUIRED	PROVIDED
Zoning District: Commercial (C) District 20 % required landscaping areas. (Subsection 05.03.A, Article 08, UDC) 20% x 188,972 sf = 37,794 sf	37,794 sf (20%)	37,794 sf (20%)
Aminimum of 50% of the required landscaping shall be located in the front of and along the side of buildings with street frontage. (Subsection 05.03.A, Article 08, UDC) $50\% \times 37,795 \text{ sf} = 18,898 \text{ sf}$	18,898 sf (50%)	18,898 sf (50%)
SCREENING REQUIREMENTS	REQUIRED	PROVIDED
Trash/Recycling enclosures shall be four sided. These receptacles shall be screened by a minimum sixfoot, solid masonry dumpster enclosure.	6ft V\all	6ft V\all
1 Canopy Tree / 20 If (Subsection 01.05.E, Article 05, UDC) 90 If / 20 If = 5 Canopy Trees	5 Canopy Trees	5 Canopy Trees
Screened with evergreen shrubs (Subsection 01.05.B, Article 05, UDC)	Yes	Yes
25.75.155. Will of Signature (Cabassalistic 1.55.2), 711010 00, 020	100	100

NOTE: REFER TO SHEET LP 3.03 TO SEE FULL LANDSCAPE NOTE: PLANTS ARE SPECIFIED BY HEIGHT AND SPREAD, NOT CONTAINER SIZE. ALL PLANTINGS ARE EXPECTED TO MEET ALL SPECIFICATIONS PROVIDED. NOTE: PLANT QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. IN THE CASE OF A DISCREPANCY, THE DRAWING SHALL TAKE PRECEDENCE.

Pervious	Impervious
65%	35%
(123,862 sf)	(65,110sf)



SITE PLAN FOR FUEL CITY — ROCKWALL LOT 2, BLOCK A CORNERSTONE COMMUNITY CHURCH

4.34 ACRES N. BUTLER SURVEY ABSTRACT NO. 20 City of Rockwall, Rockwall County, Texas Current Zoning: C (Commerical District) Proposed Land Use: Gas Station/ Car Wash Submitted: May 16th, 2025

Architect:

Carroll Architects
750 E. Interstate 30, Ste. 110
Rockwall, Texas 75087
Contact: Glennon Langston
Phone: 972-732-6085

Developer:
Fuel City
801 S. Riverfront Boulevard,00
Dallas, Texas 75207
Contact: Joseph Bickham
Phone: 469-203-0159

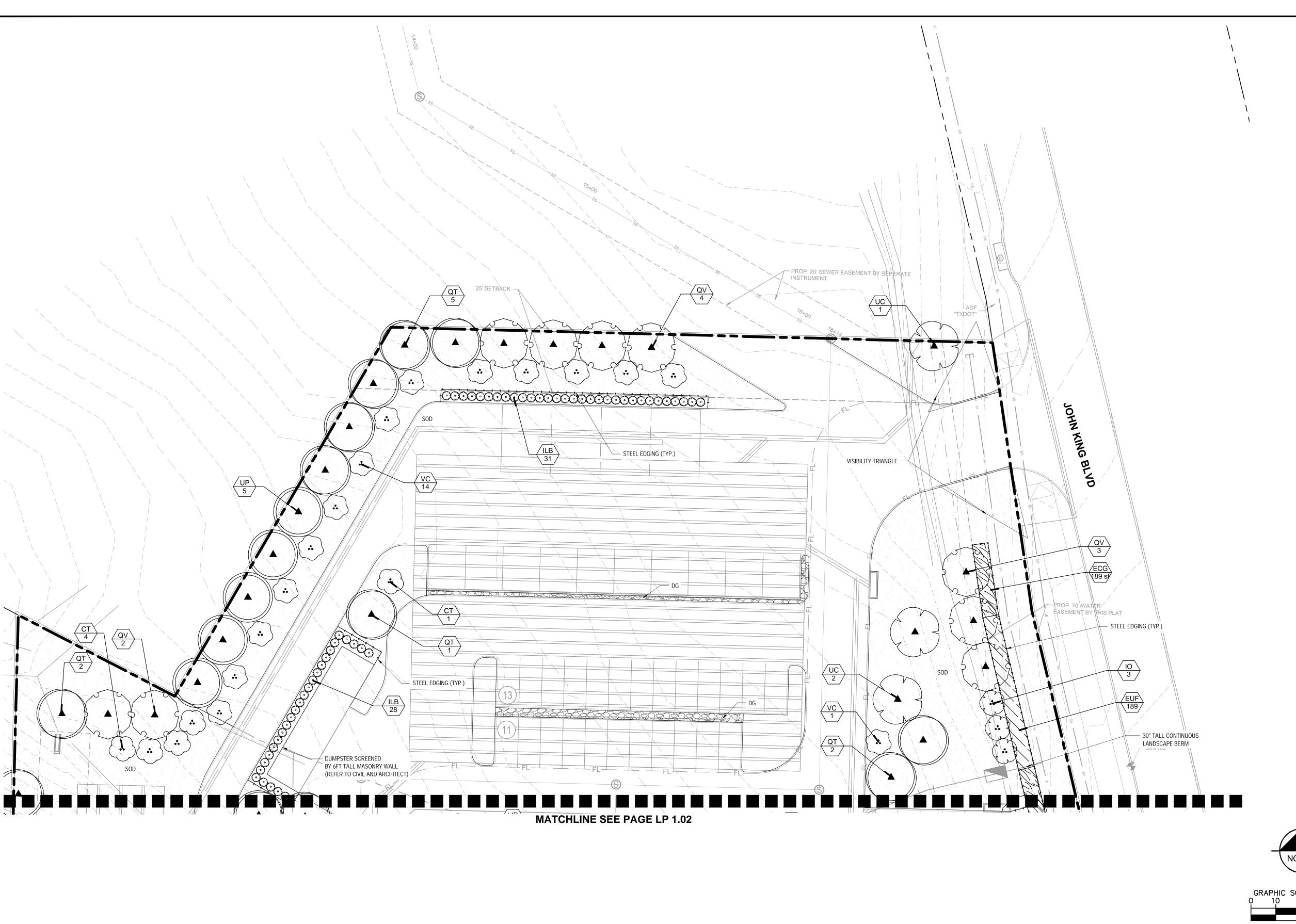
Engineer:
Kimley-Horn and Associates, Inc.
225 E. John W Carpenter FWY,
Suite 1100
Irving, Texas 75062
Contact: Jared Earney, P.E.
Phone: 214-420-5600

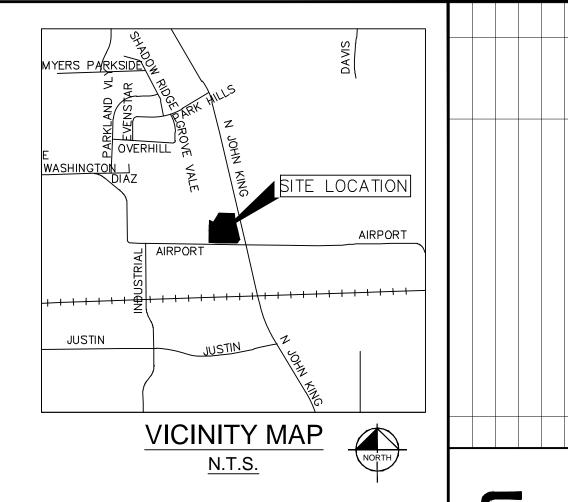
SHEET NUMBER LP 1.00

Kimley»Horn

P.L.A. NIKOLAUS B. ADAMS
L.A. No. 3404 Date 5/15/2025

VERIFY EXACT LOCATION PRIOR TO ANY TRENCHING Know what's **below. Call before you dig.** 





### PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME
TREES		
	QT	Quercus texana / Texas Red Oak
	QV	Quercus virginiana / Southern Live Oak
	UC	Ulmus crassifolia / Cedar Elm
<b>A</b>	UP	Ulmus parvifolia / Lacebark Elm
ORNAMEN	NTAL TRE	:F

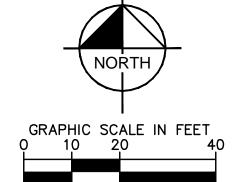
(*)	СТ	Cercis canadensis / Eastern Redbud
	Ю	llex decidua / Possumhaw Holly
•	VC	Vitex agnus-castus / Chaste Tree
SHRUBS	II R	llex cornuta `Burfordii` / Burford Hollv

**GROUND COVERS** 

Eragrostis curvula / Weeping Lovegrass Euonymus fortunei `Coloratus` / Purple-leaf Winter Creeper Liriope muscari / Liriope

Nassella tenuissima / Mexican Feather Grass

Pervious	Impervious
65%	35%
(123,862 sf)	(65,110 sf)



NOTE: IRRIGATION WILL MEET REQUIREMENTS OF UDC. NOTE: REFER TO SHEET LP 3.03 TO SEE FULL LANDSCAPE NOTE: PLANTS ARE SPECIFIED BY HEIGHT AND SPREAD, NOT CONTAINER SIZE. ALL PLANTINGS ARE EXPECTED TO MEET ALL SPECIFICATIONS PROVIDED.

NOTE: PLANT QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. IN THE CASE OF A DISCREPANCY, THE DRAWING SHALL TAKE PRECEDENCE.

SITE PLAN FOR FUEL CITY - ROCKWALL LOT 2, BLOCK A CORNERSTONE COMMUNITY CHURCH

4.34 ACRES

N. BUTLER SURVEY ABSTRACT NO. 20 City of Rockwall, Rockwall County, Texas Current Zoning: C (Commerical District) Proposed Land Use: Gas Station/ Car Wash Submitted: May 16th, 2025

Architect:
Carroll Architects
750 E. Interstate 30, Ste.
Rockwall, Texas 75087
Contact: Glennon Langstor
Dhana 072-732-6085

Engineer: Fuel City

e. 110

801 S. Riverfront Boulevard,00
Dallas, Texas 75207

on
Contact: Joseph Bickham
Phone: 469-203-0159

Fuel City

Kimley-Horn and Associates, Inc.
225 E. John W Carpenter FWY,
Suite 1100
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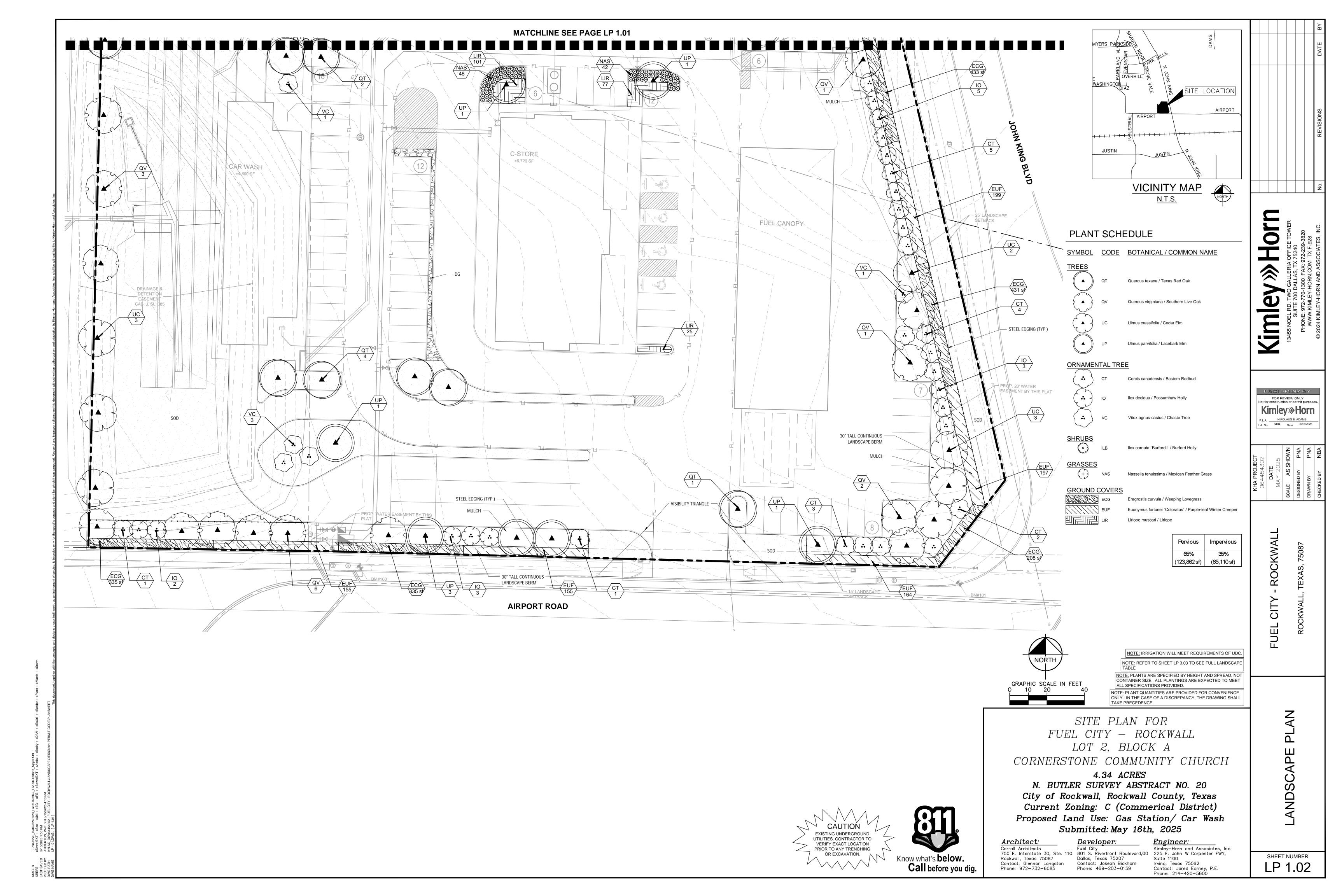
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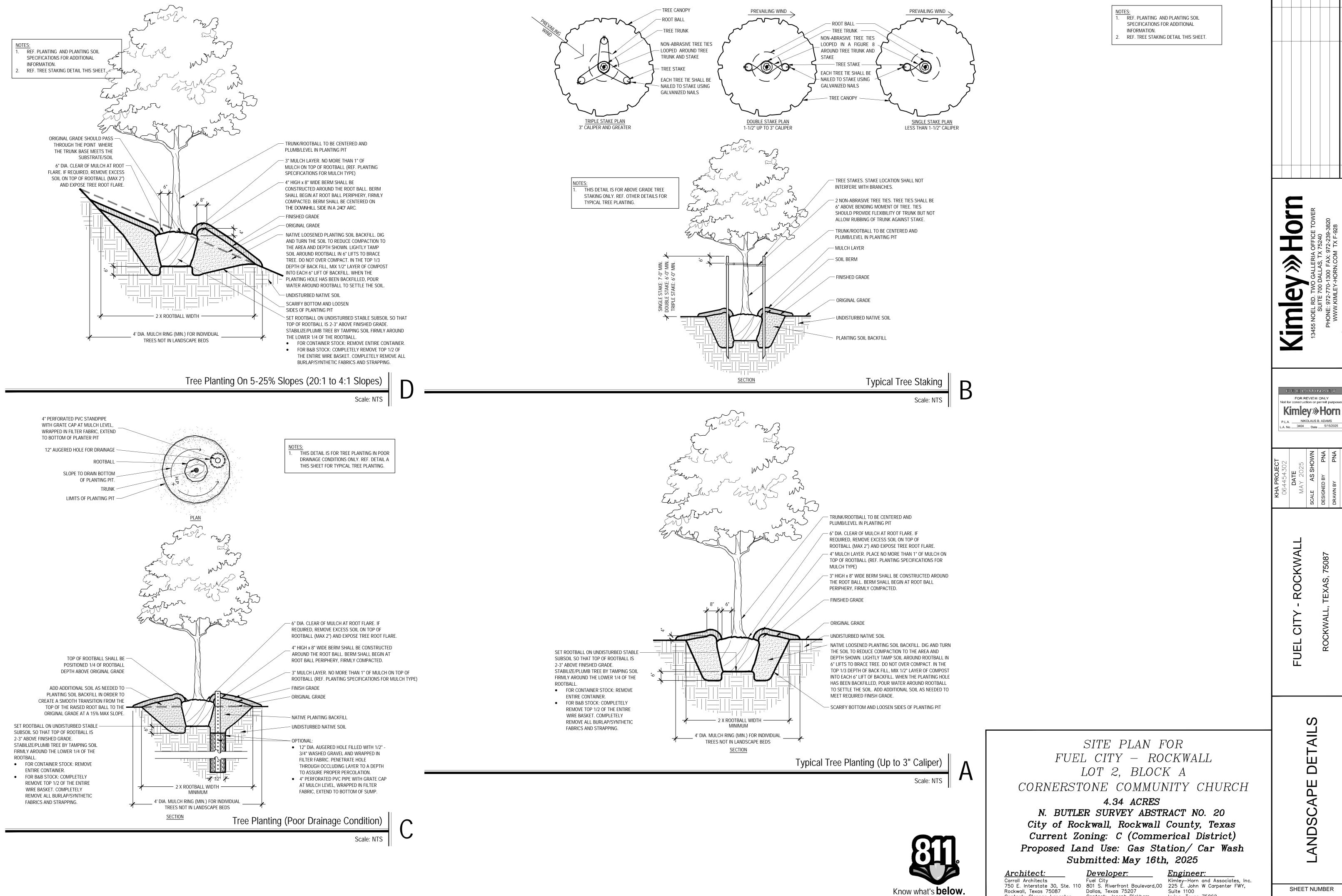
Kimley»Horn

P.L.A. NIKOLAUS B. ADAMS
L.A. No. 3404 Date 5/15/2025

SHEET NUMBER LP 1.01

EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY EXACT LOCATION PRIOR TO ANY TRENCHING Know what's **below. Call before you dig.** 





SHEET NUMBER

LP 3.01

Rockwall, Texas 75087

Phone: 972-732-6085

Call before you dig.

Contact: Glennon Langston

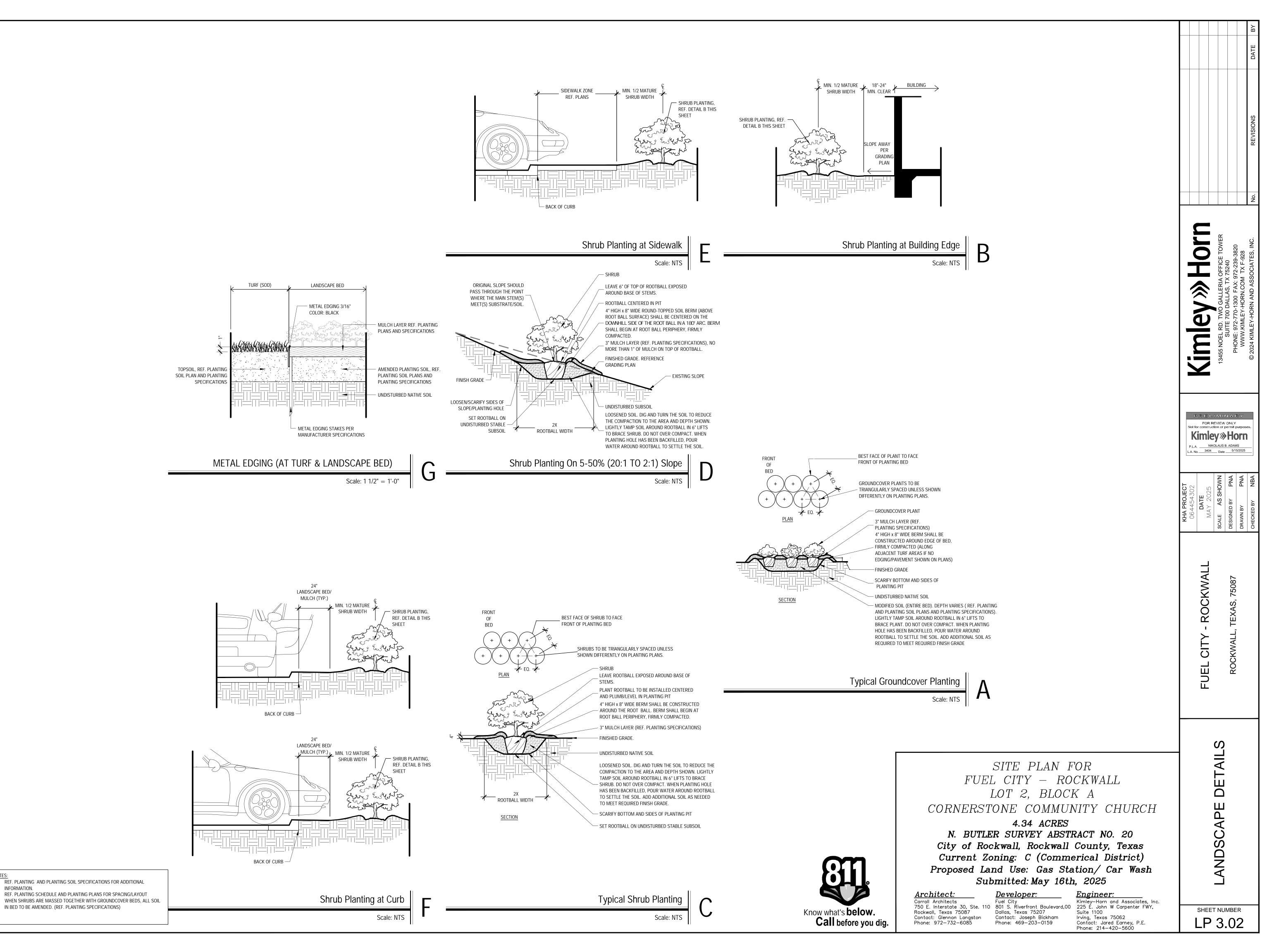
Dallas, Texas 75207

Contact: Joseph Bickham

Phone: 469-203-0159

Irving, Texas 75062

Contact: Jared Earney, P.E. Phone: 214-420-5600



1. THE WORK CONSISTS OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED

2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL PLANTING AREAS OF THIS CONTRACT UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER. B. PROTECTION OF EXISTING STRUCTURES ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, AND OTHER ITEMS OF CONSTRUCTION AND

PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THIS CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.

C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS OPERATION OF EQUIPMENT. STOCKPILING OF MATERIALS, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE HE DRIP-LINE OR THE SPILLING OF OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE THE HEAT WILL DAMAGE ANY PLANT. TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/ OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PER CENT PER INCH OVER FOUR (4 INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER D. MATERIALS

SAMPLES OF MATERIALS AS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON THE SITE OR

AS OTHERWISE DETERMINED BY THE OWNER. UPON APPROVAL OF SAMPLES, DELIVERY OF

MATERIALS SAMPLES MULCH ONE (1) CUBIC FOO TOPSOIL ONE (1) CUBIC YARD

PLANTS ONE (1) OF EACH VARIETY

A. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCI ATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES 1942 EDITION ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS AS STATED IN THE LATEST EDITION OF MERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN. ALL PLANTS SHALL BE FRESHLY DUG, SOUND, HEALTHY, VIGOROUS, WELL-BRANCHED AND FREE OF DISEASE AND INSECTS INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY UPON THE APPROVAL OF THE OWNER.

B. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT

C. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH OR LIPON DELIVERY TO THE SITE AS DETERMINED BY THE OWNER FOR QUALITY SIZE AND VARIETY: SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF BALLS OR ROOTS, ATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

E. TOPSOIL

1. ASTM D5268, NATURAL, FRIABLE, FERTILE, FINE LOAMY SOIL POSSESSING CHARACTERISTICS OF REPRESENTATIVE TOPSOIL IN THE VICINITY THAT PRODUCES HEAVY GROWTH. TOPSOIL SHALL HAVE A PH RANGE OF 5.5 TO 7.4 PERCENT. FREE FROM SUBSOIL, OBJECTIONABLE WEEDS, LITTER, SODS, STIFF CLAY, STONES LARGER THAN 1-INCH IN DIAMETER, STUMPS, ROOTS, TRASH, HERBICIDES, TOXIC SUBSTANCES, OR ANY OTHER MATERIAL WHICH MAY BE HARMFUL TO PLANT GROWTH OR HINDER PLANTING OPERATIONS TOP SOIL SHALL CONTAIN A MINIMUM OF THREE PERCENT ORGANIC MATERIAL

2. SALVAGED OR EXISTING TOPSOIL: REUSE SUITABLE TOPSOIL STOCKPILED ON-SITE OR EXISTING TOPSOIL UNDISTURBED BY GRADING OR EXCAVATION OPERATIONS. CLEAN TOPSOIL OF ROOTS, PLANTS, SOD,

STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH. 3. VERIFY AMOUNT OF SUITABLE TOPSOIL STOCKPILED IF ANY, AND SUPPLY ADDITIONAL IMPORTED TOPSOIL AS NEEDED. FOUR (4) INCHES OF TOPSOIL TO BE PROVIDED FOR ALL TURF AREAS. TWENTY FOUR (24) INCHES OF TOPSOIL TO BE PROVIDED FOR ALL PLANTING AREAS WITHIN INTERIOR LANDSCAPE ISLANDS AND FOUNDATION PLANTINGS. FOR ALL OTHER PLANTING AREAS, TWELVE (12) INCHES OF TOPSOIL MINIMUM TO

4. IMPORTED TOPSOIL: SUPPLEMENT SALVAGED TOPSOIL WITH IMPORTED TOPSOIL FROM OFF-SITE SOURCES

5. OBTAIN TOPSOIL DISPLACED FROM NATURALLY WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT LEAST 6 INCHES DEEP: DO NOT OBTAIN FROM AGRICULTURAL LAND, BOGS, OR MARSHES 6. VERIFY BORROW AND DISPOSAL SITES ARE PERMITTED AS REQUIRED BY STATE AND LOCAL REGULATIONS.

OBTAIN WRITTEN CONFIRMATION THAT PERMITS ARE CURRENT AND ACTIVE 7. OBTAIN PERMITS REQUIRED BY STATE AND LOCAL REGULATIONS FOR TRANSPORTING TOPSOIL. PERMITS SHALL BE CURRENT AND ACTIVE.

8. AMEND EXISTING AND IMPORTED TOPSOIL AS INDICATED BELOW. a. ORGANIC SOIL AMENDMENTS

 MANURE: WELL-ROTTED, UNLEACHED, STABLE OR CATTLE MANURE CONTAINING NOT MORE. THAN 25 PERCENT BY VOLUME OF STRAW SAWDUST OR OTHER BEDDING MATERIALS: FREE OF TOXIC SUBSTANCES, STONES, STICKS, SOIL, WEED SEED, AND MATERIAL HARMFUL TO

3. COMPOST: DECOMPOSED ORGANIC MATERIAL INCLUDING LEAF LITTER, MANURE, SAWDUST, PLANT TRIMMINGS AND/OR HAY, MIXED WITH SOIL.

4. PECAN HULLS: COMPOSTED PECAN HULLS FOR LOCAL SOURCE. 5. BIOSOLIDS: USE GRADE 1 CONTAINING LOWER PATHOGEN LEVELS.

6. WORM CASTINGS: EARTHWORMS.

b. INORGANIC SOIL AMENDMENTS

1. LIME: ASTM C602, CLASS O AGRICULTURAL LIMESTONE CONTAINING A MINIMUM OF 80 PERCENT CALCIUM CARBONATE EQUIVALENT WITH A MINIMUM OF 95 PERCENT PASSING NO. 8 SIEVE AND MINIMUM OF 55 PERCENT PASSING NO. 60 SIEVE.

2. SULFUR: GRANULAR, BIODEGRADABLE, CONTAINING A MINIMUM OF 90 PERCENT SULFUR, /ITH A MINIMUM OF 99 PERCENT PASSING NO. 6 SIEVE AND A MAXIMUM OF 10 PERCENT

3. IRON SULFATE: GRANULATED FERROUS SULFATE CONTAINING A MINIMUM OF 20 PERCENT

4. AGRICULTURAL GYPSUM: FINELY GROUND, CONTAINING A MINIMUM OF 90 PERCENT CALCIUM

5. SAND: CLEAN, WASHED, NATURAL OR MANUFACTURED, FREE OF TOXIC MATERIALS.

c. PLANTING SOIL MIX

1. PLANTING MIX MAY BE PROVIDED BY LIVING EARTH OR MINICK MATERIALS OR APPROVED

2. PLANTING MEDIUM CONTAINING 75 PERCENT SPECIFIED TOPSOIL MIXED WITH 15 PERCENT RGANIC SOIL AMENDMENTS AND 10 PERCENT SHARP WASHED SAND. INSTALL TO DEPTHS PER PLANTING DETAILS (12" MIN.) FINISHED GRADES OF PLANTING BEDS TO BE 2" BELOW FINISHED GRADE OF ADJACENT PAVING OR AS SHOWN ON GRADING PLAN.

2. SOD/SEED AREA TOPSOIL ALL SOD AREAS TO RECEIVE 4" DEPTH (MIN) TOPSOIL PRIOR TO INSTALLATION. TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, WITH 25% (MIN.) ORGANIC MATERIAL, AND FREE OF TRASH, DEBRIS, STONES, WEEDS, AND TWIGS/BRANCHES. THE PARTICLE SIZES SHALL BE SUCH THAT 98.5% OF THE TOPSOIL WILL PASS THROUGH A 1/2 INCH SCREEN, AND 99% MORE SHALL PASS THROUGH A 3/4 INCH SCREEN. TOPSOIL SHALL BE REVIEWED/APPROVED BY OWNER/LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. CONTRACTOR TO SUBMIT SAMPLES IN 1 GAL (MIN.) CONTAINER.

WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE GROWTH OF PLANTS AND SHALL NOT CONTAIN HARMFUL. NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC. IF SUCH WATER IS NOT AVAILABLE AT THE SITE,

THE CONTRACTOR SHALL PROVIDE SUCH SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER. I. COMMERCIAL FERTILIZER

COMMERCIAL FERTILIZER SHALL BE A COMPLETE FORMULA: IT SHALL BE UNIFORM IN COMPOSITION. DRY AND FREE FLOWING. THIS FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED CONTAINERS, EACH BEARING THE MANUFACTURER'S GUARANTEED STATEMENT OF ANALYSIS. FIFTY PERCENT (50%) OF THE NITROGEN SHALL BE DERIVED FROM NATURAL ORGANIC SOURCES. THE FOLLOWING FERTILIZERS SHALL BE USED AND APPLIED AT RATES AS SUGGESTED BY MANUFACTURER'S

1. SHRUBS AND TREES - MILORGANITE, OR APPROVED EQUAL 2. ANNUALS AND GROUNDCOVERS - OSMOCOTE/SIERRA BLEND 14-14-14

3. SOD - 8-8-8 FERTILIZER IN ADDITION TO SURFACE APPLIED FERTILIZERS. ALL CONTAINER GROWN AND FIELD GROWN PLANT MATERIAL SHALL RECEIVE "AGRIFORM" PLANTING TABLETS 24-10-5 FORMULA, 21 GRAM OR EQUAL. THESE TABLETS SHALL BE PLACED AT A DEPTH OF ROOT BALL AT THE RATE AS SPECIFIED BY MANUFACTURER.

MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF 3 INCHES. SEE PLANT LIST FOR TYPE OF MATERIAL

1. PROTECT ROOTS OR BALLS OF PLANTS AT ALL TIMES FROM SUN AND DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT BREAKAGE AND DRYING OUT DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED VITH AN ANTI-TRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.

2. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.

3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS. THE ROOTS SHALL NOT BE CUT WITHIN THE MINIMUM SPREAD SPECIFIED IN THE PLANT LIST. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT IN MOVING AND PRIOR TO PLANTING

4. PROTECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED

5. EXCAVATION OF TREE PITS SHALL BE DONE USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND

M CONTAINER GROWN STOCK 1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE

OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION 2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

3. PLANT ROOTS BOUND IN CONTAINERS SHALL NOT BE ACCEPTABLE. 4. SUBSTITUTION OF NON-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER GROWN WILL NOT BE PERMITTED UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE OWNER

WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED ON THE PLANT LIST SCHEDULE THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF

NURSERY GROWN STOCK OF THE SAME VARIETY. O. NATIVE STOCK PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY

HAVE BEEN SUCCESSFULLY REESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR, QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR WNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE BIDDERS TAKE OFF AND THE PLANT LIST QUANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO THE SUBMISSIONS OF BIDS. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR, UNLESS OTHERWISE NOTED. 2. THE LANDSCAPE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.

3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.

AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.

R. PLANTING PROCEDURES

1 CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN UP WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH. HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT OR OWNER. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER LINES, CABLE AND ELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES.

3. SUBGRADE EXCAVATION: SITE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". SITE CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY SITE CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, LANDSCAPE CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT OR OWNER

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING

5, GENERAL: COMPLY WITH APPLICABLE FEDERAL. STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. PLANTS SHALL BE PROTECTED UPON ARRIVAL AT THE SITE BY BEING THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS SHALL NOT REMAIN UNPROTECTED FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE

METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED. 6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE THE PLANTING WITH THE IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION ITEMS AND PLANTS.

7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL AS SPECIFIED HEREIN BEFORE (SECTION H). TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE PLANTING DETAIL THAT ADDRESSES THIS CONDITION. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW. FULL HOSE STREAM ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURE AND UNDER THE SUPERVISION OF A QUALIFIED PLANTING FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.

8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.

9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION H OF THESE SPECIFICATIONS. IN ADDITION, EACH PLANTING PIT SHALL RECEIVE 21-GRAM "AGRIFORM" PLANTING TABLETS PER MANUFACTURER'S SPECIFICATIONS OR AS FOLLOWS:

TWO (2) TABLETS PER 1 GAL. PLANT

- FOUR (4) TABLETS PER 10 GAL, PLANT - LARGER MATERIAL - TWO (2) TABLETS PER 1/2" OF TRUNK CALIPER

10. TREES AND SHRUBS SHALL BE SET STRAIGHT AND AT SUCH A LEVEL THAT AFTER SETTLEMENT. THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACKFILLED AND THOROUGHLY TAMPED AROUND THE BALL AND SHALL BE SETTLED BY WATER AFTER TAMPING.

11 FILL HOLF WITH SOIL MIXTURE MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES. STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.

12. PRUNING: EACH TREE SHALL BE PRUNED TO PRESERVE THE NATURAL CHARACTER OF THE PLANT AS SHOWN ON THE DRAWINGS. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT.

13. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. TILL INTO TOP 4" THE PLANTING SOIL MIX AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

14. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE LANDSCAPE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE LANDSCAPE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF THEIR INTENTIONS AND AGREE TO HOLD HARMLESS THE LANDSCAPE ARCHITECT IN THE EVENT ANY TREES FALL DOWN AND DAMAGE PERSON OR

15. MULCHING: PROVIDE A THREE (3) INCH MINIMUM LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER AND VINE BED AND TREE PIT 16. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER

S. LAWN SODDING

1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A GRASS LAWN ACCEPTABLE TO THE OWNER.

2 LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS. WEEDS, AND DEBRIS, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE WHOLE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT OF ROLLING SHALL BE FILLED WITH ADDITIONAL SOIL. AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH THAT IS UP TO THE REQUIRED GRADE.

3 SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. APPLY FERTILIZER AT RATE OF TWENTY (20) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. APPLICATION SHALL BE UNIFORM. UTILIZING APPROVED MECHANICAL SPREADERS. MIX FERTILIZER THOROUGHLY WITH THE SOIL TO A PEPTH OF THREE (3) INCHES. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY. 4. SODDING

A. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISI B. THE SOD SHALL BE CERTIFIED TO MEET THE STATE PLANT BOARD SPECIFICATIONS. ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND. C. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A FOUR INCH MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND AS APPROVED BY THE ANDSCAPE ARCHITECT OR OWNER SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN.

D DURING DELIVERY PRIOR TO AND DURING THE PLANTING OF THE LAWN AREAS. THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE

A. PROVIDE FRESH, CLEAN, NEW CROP LAWN SEED MIXTURE. FURNISH TO OWNER DEALERS GUARANTEED STATEMENT OF COMPOSITION OF MIXTURE AND PERCENTAGE OF PURITY AND GERMINATION OF EACH VARIETY.

B. SEED MIXTURE: PROVIDE SEED OF GRASS SPECIES AND VARIETIES, PROPORTIONS BY WEIGHT AND MINIMUM PERCENTAGES OF PURITY, GERMINATION, AND MAXIMUM PERCENTAGE OF WEED SEED. SEED MIXTURES VARY BY REGION AND SEASON AND SHALL COMPLY WITH STATE DO AND LOCAL SOIL CONSERVATION SERVICE STANDARDS FOR LAWN TURE

C. DO NOT PERFORM SEEDING IN WINDY CONDITIONS.

D. SEEDING SHALL BE DISPERSED IN 2 DIRECTIONS AT RIGHT ANGLES TO EACH OTHER.

E. PERMANENTLY SEED AND MULCH CUT AND FILL SLOPES AS CONSTRUCTION PROCEEDS TO EXTENT CONSIDERED DESIRABLE AND PRACTICAL. IN THE EVENT IT IS NOT PRACTICAL TO SEED AREAS. SLOPES SHALI BE STABILIZED WITH STRAW MULCH AND TACKIFIER, BONDED FIBER MATRIX, NETTING, BLANKETS OR OTHER MEANS TO REDUCE THE EROSIVE POTENTIAL OF THE AREA.

E SEED LAWN AREAS BY SOWING EVENLY WITH APPROVED MECHANICAL SEEDER AT RATE OF MINIMUM OF 6 POUNDS PER 1,000 SQUARE FEET, AMOUNT WILL VARY BASED ON VARIETY AND/OR SPECIES, CULTI-PACKER OR APPROVED SIMILAR EQUIPMENT MAY BE USED TO COVER SEED AND TO FORM SEEDBED IN ONE OPERATION. IN AREAS INACCESSIBLE TO CUTI-PACKER, LIGHTLY RAKE SEEDED GROUND WITH FLEXIBLE RAKES AD ROLL WITH WATER BALLAST ROLLER. AFTER ROLLING, MULCH WITH STRAW MULCH AT THE RATE OF 2 TONS PER ACRE.

G. SURFACE LAYER OF SOIL FOR SEEDED AREAS SHALL BE KEPT MOIST DURING GERMINATION PERIOD. WATER SEEDED AREAS TWICE FIRST WEEK TO MINIMUM DEPTH OF 6 INCHES WITH FINE SPRAY AND ONCE PER WEEK THEREAFTER AS NECESSARY TO SUPPLEMENT NATURAL RAIN TO EQUIVALENT OF 6 INCHES DEPTH.

H. CONTRACTOR TO REAPPLY SEED AS NECESSARY IN ORDER TO GET ALL SEEDED AREAS ESTABLISHED AS

6. LAWN MAINTENANCE:

A. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE LANDSCAPE ARCHITECT OR OWNER REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF

B. WATER EVERY DAY FOR TEN (10) SUCCESSIVE DAYS. THEN WATER THREE (3) TIMES PER WEEK (AT EVEN INTERVALS) FOR TWO (2) ADDITIONAL WEEKS. ALL WATERING SHALL BE OF SUFFICIENT QUANTITY D WET OR RESTORE WATER TO DEPTH OF FOUR (4) INCHES. CONTRACTOR TO DETERMINE IF SITE IS IN A

DROUGHT RESTRICTION AREA AND MUST FOLLOW CITY/ COUNTY PROTOCOL IF ANY ARE IN PLACE.

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE. THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALI BE BROOM CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

U. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING. CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE LANDSCAPE ARCHITECT OR OWNER, MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF 90 CALENDAR DAYS COMMENCING AFTER ACCEPTANCE.

/. MAINTENANCE (ALTERNATE BID ITEM 1. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE FOR MAINTENANCE FOLLOWING THE INITIAL 90-DAY MAINTENANCE PERIOD ON A COST PER MONTH BASIS.

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE LANDSCAPE

2. THE LIFE AND SATISFACTORY CONDITION OF ALL OTHER PLANT MATERIAL (INCLUDING SOD) INSTALLED Y THE LANDSCAPE CONTRACTOR SHALL BE GUARANTEED BY THE CONTRACTOR FOR A MINIMUM OF 90 CALENDAR DAYS. COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE LANDSCAPE ARCHITECT OR OWNER.

3. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE GUARANTEE PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER "PLANTING", AT NO ADDITIONAL COST TO THE OWNER. 4 IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND

IRRIGATION) MAINTENANCE. THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTH PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

X. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE GUARANTEE PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIM SHALL BE SUBJECT TO THE SAME ONE (1) YEAR GUARANTEE (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

#### PLANT SCHEDULE

	SYMBOL	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME	SPECIFICATIONS	<u>REMARKS</u>	
	TREES						
		QT	17	Quercus texana / Texas Red Oak	4" cal, 16` ht, 5`-6` spr	Full, Straight, Single Leader	
		QV	22	Quercus virginiana / Southern Live Oak	4" cal, 16` ht, 5`-6` spr	Full, Straight, Single Leader	
		UC	11	Ulmus crassifolia / Cedar Elm	4" cal, 15` ht, 6` spr	Full, Straight, Single Leader	
		UP	12	Ulmus parvifolia / Lacebark Elm	4" cal, 15` ht, 6` spr	Full, Straight, Single Leader	
	ORNAMEN	ITAL TRE	<u>E</u>				
		СТ	21	Cercis canadensis / Eastern Redbud	4" cal, 14` ht, 6` spr	Full, Single Leader	
		Ю	16	Ilex decidua / Possumhaw Holly	4" cal, 12` ht, 4` spr	Full, Multi-Trunk	
	•	VC	20	Vitex agnus-castus / Chaste Tree	8` ht, 5` spr	Full, Multi-Trunk	
	<u>SHRUBS</u>						
	Secretary Secretary	ILB	59	Ilex cornuta `Burfordii` / Burford Holly	36" ht, 30" spr, 42" oc	Full	
	GRASSES (+)	NAS	90	Nassella tenuissima / Mexican Feather Grass	18" ht, 24" oc	Full	
GROUND COVERS							
		ECG	1,931 sf	Eragrostis curvula / Weeping Lovegrass	18" ht, 36" oc	Full	
		EUF	1,059	Euonymus fortunei `Coloratus` / Purple-leaf Winter Creeper	8" ht, 8" spr, 18" oc	Full, 1 gallon min.	
		LIR	203	Liriope muscari / Liriope	12" ht, 12" spr, 18" oc	Full, 1 gallon min.	

NOTE: PLANT QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. IN THE CASE OF A DISCREPANCY, THE DRAWING SHALL TAKE PRECEDENCE.

NOTE: PLANTS ARE SPECIFIED BY HEIGHT AND SPREAD, NOT CONTAINER SIZE. ALL PLANTINGS ARE EXPECTED TO MEET ALL SPECIFICATIONS PROVIDED.

ANY REVISION TO THIS PLAN WILL REQUIRE CITY OF FRISCO APPROVAL AND WILL REQUIRE REVISIONS TO ANY CORRESPONDING PLANS TO AVOID CONFLICTS BETWEEN

PLANTING NOTES

1. ALL PLANT MATERIAL SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES AND SHALL MEET ALL STANDARDS AS STATED IN THE LATEST EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

THE EVENT OF DISCREPANCIES BETWEEN THE DRAWING AND THE PLANT LIST, THE DRAWING SHALL PREVAIL

3. LOCATE ALL UTILITIES PRIOR TO ANY DIGGING OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES INCURRED BY HIS WORK.

4. REFERENCE IRRIGATION PLAN FOR BED IRRIGATION INFORMATION. 5. STAKING AND GUYING ALTERNATIVES: METHODS INDICATED IN DRAWING DETAILS ARE PREFERRED. CONTRACTOR MAY SUGGEST

ALTERNATE METHODS, ASSUMING FULL RESPONSIBILITY FOR THEIR IMPLEMENTATION. CONTRACTOR SHALL REPLACE, PLANT, OR UPRIGHT ANY TREES BLOWN OVER OR DAMAGED DUE TO INADEQUATE STAKING AT NO ADDITIONAL COST TO THE OWNER.

6. PLANTS MASSED IN BEDS SHALL BE ARRANGED USING TRIANGULAR SPACING.

7. PROVIDE A STEEL EDGE OR CONCRETE MOW STRIP BETWEEN ALL PLANTING BEDS AND LAWN AREAS. REFERENCE SITE PLAN.

8. ALL PLANTING BEDS TO BE TOP DRESSED WITH A MINIMUM OF 3" SHREDDED HARDWOOD MULCH. UNLESS OTHERWISE SPECIFIED 9. PROVIDE GRASS SEEDING OR LAY BERMUDA SOD FOR PROPOSED LAWN AREAS TO ALL EDGES OF PAVEMENT AND/OR LIMITS OF

DISTURBANCE OUTSIDE R.O.W. OR PROPOSED LANDSCAPE EASEMENT. PROVIDE IRRIGATION AS NECESSARY 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPING UNTIL FINAL ACCEPTANCE. ALL REQUIRED ANDSCAPING SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THE WORK SHALL INCLUDE, BUT NOT TO BE LIMITED TO, MOWING, EDGING, PRUNING, FERTILIZING, WATERING, WEEDING, AND OTHER SUCH ACTIVITIES COMMON TO THE MAINTENANCE OF

SEASON OF THE YEAR. PLANT MATERIAL THAT DIES SHALL BE REPLACED WITH THE PLANT MATERIAL OF SIMILAR SIZE AND VARIETY. 11. CONTRACTOR SHALL WARRANTY PLANT MATERIAL TO REMAIN ALIVE AND HEALTHY FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE, WARRANTY SHALL NOT INCLUDE DAMAGE FOR LOSS OF PLANT MATERIAL DUE TO NATURAL CAUSES. ACTS OF VANDALISM

LANDSCAPING. ALL PLANT MATERIALS SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE

12. ALL DISTURBED AREAS WITHIN LIMITS OF CONSTRUCTION NOT CALLED TO BE SODDED, SHALL BE REESTABLISHED WITH BERMUDA SOD

13. ALL LANDSCAPE BEDS TO HAVE TOPSOIL/BEDDING MIX THAT MEETS LANDSCAPE SPECIFICATIONS. INSTALL TO DEPTHS, PER PLANTING DETAILS (12" DEPTH MIN.) FINISHED GRADES OF PLANTING BEDS TO BE 2" BELOW FINISHED GRADE OF ADJACENT PAVING OR AS SHOWN ON

14. ALL SOD AREAS TO RECEIVE 4" DEPTH (MIN) TOPSOIL PRIOR TO INSTALLATION. TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, pH RANGE OF 5.5-7.4. AND FREE OF TRASH, DEBRIS, STONES, WEEDS, AND TWIGS/BRANCHES.

15. ALL DISTURBED AREAS IN R.O.W. TO BE RE-ESTABLISHED WITH BERMUDA SEED OR SOD AND IRRIGATED UNLESS OTHERWISE SHOWN ON

16. ALL TREES TO BE PLACED A MINIMUM OF 4' FROM ANY UTILITY.

Know what's **below.** 

Call before you dig.

SITE PLAN FOR FUEL CITY - ROCKWALL LOT 2, BLOCK A CORNERSTONE COMMUNITY CHURCH 4.34 ACRES

N. BUTLER SURVEY ABSTRACT NO. 20 City of Rockwall, Rockwall County, Texas Current Zoning: C (Commerical District) Proposed Land Use: Gas Station / Car Wash Submitted: May 16th, 2025

<u> Architect:</u> Carroll Architects Rockwall, Texas 75087 Contact: Glennon Langston Phone: 972-732-6085

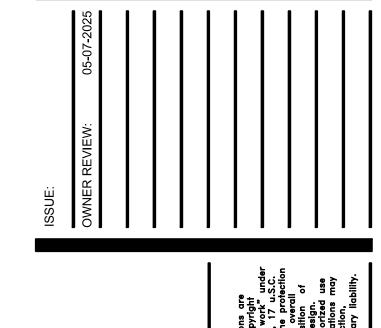
<u>Developer:</u> Dallas, Texas 75207 Contact: Joseph Bickham Phone: 469-203-0159

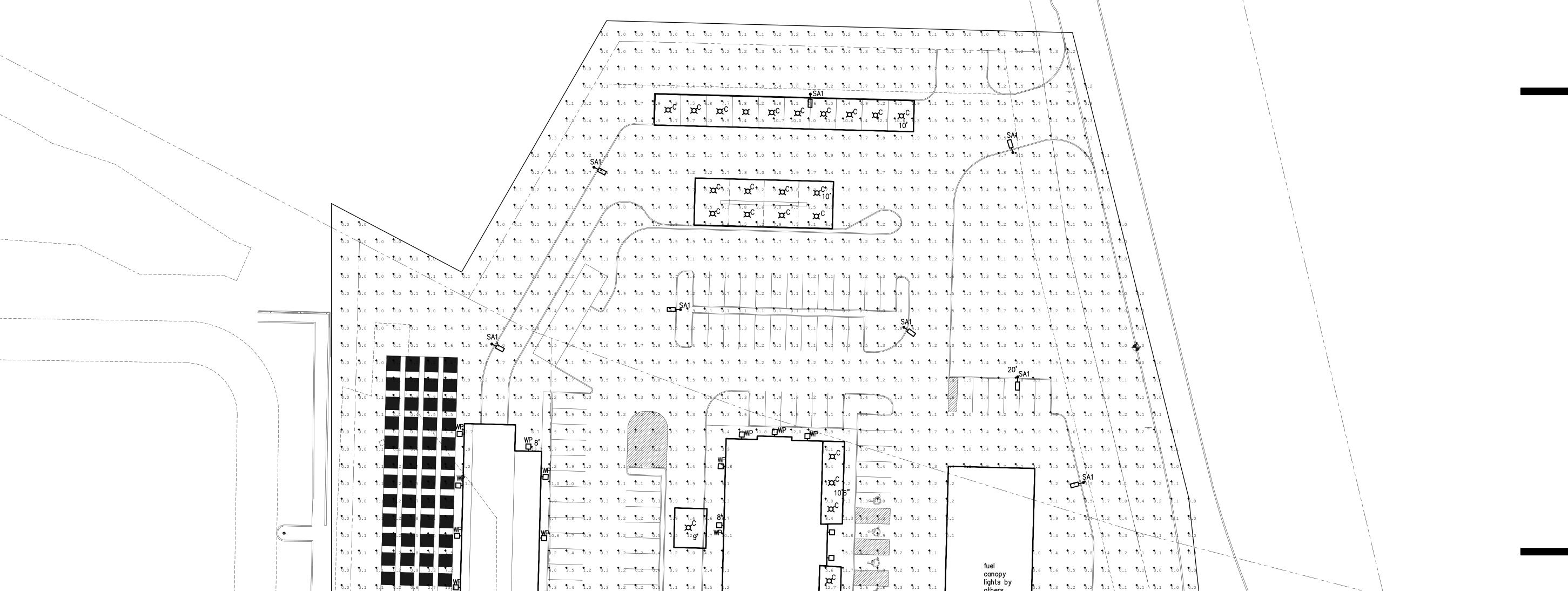
Kimley—Horn and Associates. Inc. 750 E. Interstate 30, Ste. 110 801 S. Riverfront Boulevard,00 225 É. John W Carpenter FWY, Irving, Texas 75062 Contact: Jared Earney, P.E. Phone: 214-420-5600

PRELIMINARY FOR REVIEW ONLY **Kimley** »Horn P.L.A. NIKOLAUS B. ADAMS L.A. No. 3404 Date 5/15/2025

SHEET NUMBER \_P 3.03

Luminaire Luminaire Lumens       Luminaire Watts       Total Watts       Mounting Height         3363       25       750       9, 10, 10.5, 11         12479       86       1118       20         6073       43       903       8				
10.5, 11 12479 86 1118 20				
	3363	25	750	l ' '
6073 43 903 8	12479	86	1118	20
	6073	43	903	8





2.8 1.5 1.1 0.5 0.3 0.3 0.4 0.8 1.8 3.1 4.2 4.1 6.2 7.2 10.1 13.4 11.4 7.2 4.1 1.0 0.3 0.2 0.1 0.1 0.

5.4 2.7 0.7 0.2 0.3 0.7 1.5 2.6 4.6 7

\$.4 \ \( \frac{5}{2.7} \) \( \text{0.7} \) \( \text{0.7} \) \( \text{0.2} \) \( \text{0.3} \) \( \text{0.7} \) \( \text{1.3} \) \( \text{0.5} \) \( \text{0.3} \) \( \text{0.8} \) \( \text{2.0} \) \( \text{3.1} \) \( \text{3.9} \)

7 5.4 1.4 0.5 0.2 0.1 0.1

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0 0.8 0.3 0.1 0.1 0.1



SITE PHOTOMETRIC PLAN

8.2 8.2 8.2 8.4 8.0 18.1 8.1 8.1 8.0 8.0

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				1	MAY 2025	; <u> </u>		
IETE	Engir	es F. Tu neers, L	P.	PROJECT NO:	2024074	E	.0.	.(
	Consulting Engineers 8340 Meadow Rd. Suite 160 Dallas, Texas 75231 TEL. 214-750-2900 Job #: 35920	DRAWN BY:	GL					
	TX REGISTR	Job # ATION # <u>10349</u>	: 33920	CHECKED BY:				