



# DEVELOPMENT APPLICATION

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

STAFF USE ONLY

PLANNING & ZONING CASE NO. \_\_\_\_\_

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

DIRECTOR OF PLANNING: \_\_\_\_\_

CITY ENGINEER: \_\_\_\_\_

Please check the appropriate box below to indicate the type of development request [SELECT ONLY ONE BOX]:

### Platting Application Fees:

- Master Plat (\$100.00 + \$15.00 Acre)<sup>1</sup>
- Preliminary Plat (\$200.00 + \$15.00 Acre)<sup>1</sup>
- Final Plat (\$300.00 + \$20.00 Acre)<sup>1</sup>
- Replat (\$300.00 + \$20.00 Acre)<sup>1</sup>
- Amending or Minor Plat (\$150.00)
- Plat Reinstatement Request (\$100.00)

### Site Plan Application Fees:

- Site Plan (\$250.00 + \$20.00 Acre)<sup>1</sup>
- Amended Site Plan/Elevations/Landscaping Plan (\$100.00)

### Zoning Application Fees:

- Zoning Change (\$200.00 + \$15.00 Acre)<sup>1</sup>
- Specific Use Permit (\$200.00 + \$15.00 Acre)<sup>1</sup>
- PD Development Plans (\$200.00 + \$15.00 Acre)<sup>1</sup>

### Other Application Fees:

- Tree Removal (\$75.00)
- Variance Request (\$100.00)

### Notes:

<sup>1</sup>: 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.

## PROPERTY INFORMATION [PLEASE PRINT]

Address \_\_\_\_\_

Subdivision Stone Creek Retail Addition

Lot 8 Block A

General Location North East Corner of N. Goliad St and Bordeaux Dr.

## ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

Current Zoning PD-070

Current Use Undeveloped

Proposed Zoning PD-070

Proposed Use Mixed-Retail/Rest//Office/Daycare

Acreage 8.00

Lots [Current] 1

Lots [Proposed] 2

**SITE PLANS AND PLATS:** By checking this box you acknowledge that due to the passage of HB3167 the City no longer has flexibility with regard to its approval process, and failure to address any of staff's comments by the date provided on the Development Calendar will result in the denial of your case.

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

Owner Metroplex Acquisition Fund, LP

Applicant ClayMoore Engineering

Contact Person Grey Stogner

Contact Person Clay Cristy

Address 1717 Woodstead Ct.  
Ste. 207

Address 1903 Central Dr.  
Ste. 406

City, State & Zip The Woodlands, TX 77380

City, State & Zip Bedford, Texas 76021

Phone 214.343.4477

Phone 817.281.0572

E-Mail gstogner@crestviewcompanies.com

E-Mail Clay@claymooreeng.com

## NOTARY VERIFICATION [REQUIRED]

Before me, the undersigned authority, on this day personally appeared Grey Stogner [Owner] the undersigned, who stated the information on this application to be true and certified the following:

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

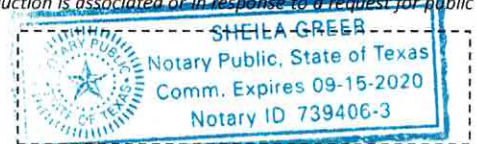
Given under my hand and seal of office on this the 20<sup>th</sup> day of February, 20 20.

Owner's Signature

*Grey Stogner*

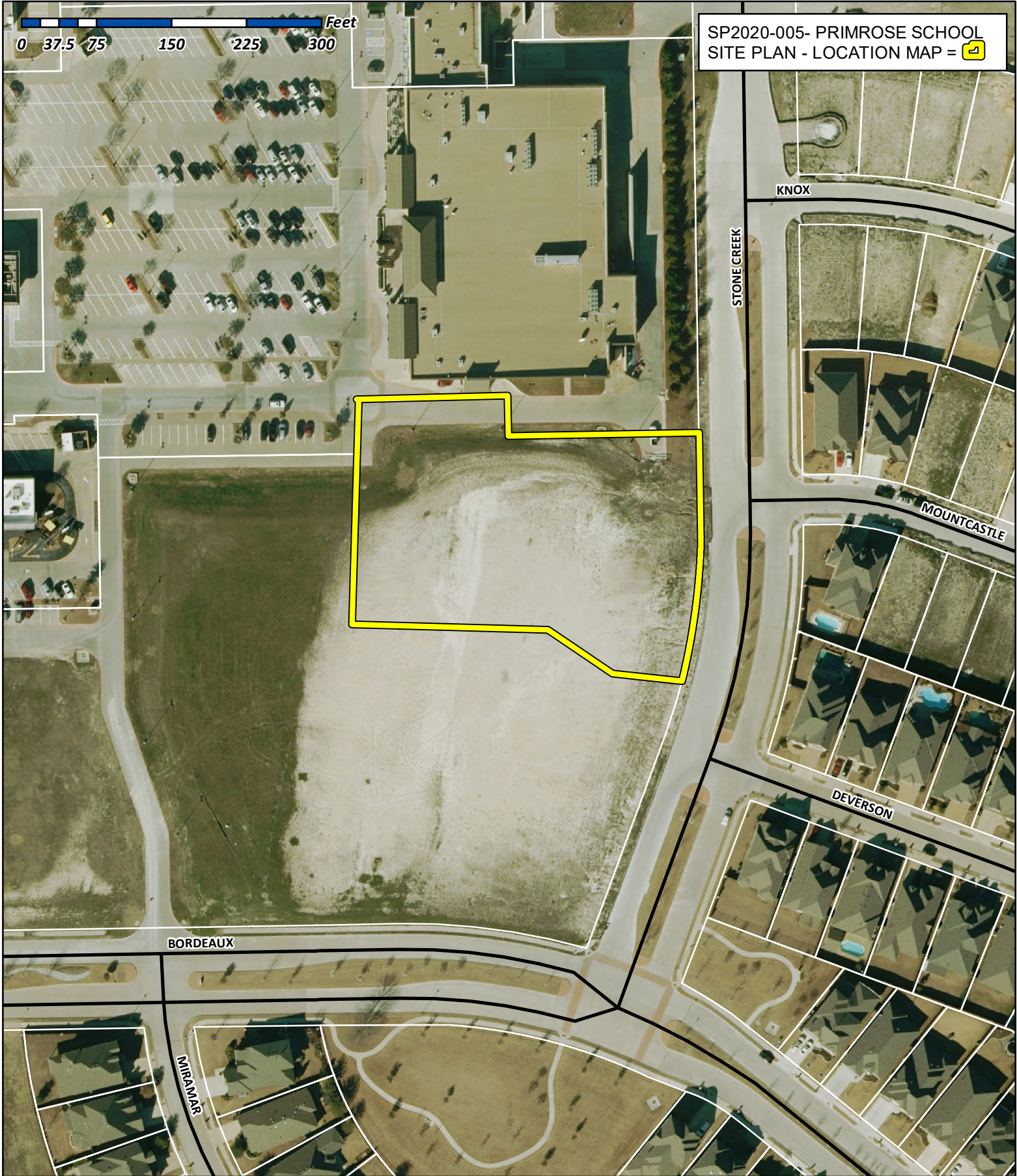
Notary Public in and for the State of Texas

*Sheila Greer*



My Commission Expires

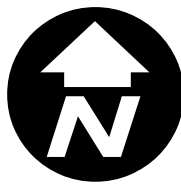
9-15-2020



# City of Rockwall

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

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



PARKING TABLE PHASE 1 (PRIMROSE)	
PARKING REQUIREMENTS	1/300 SF DAYCARE
PARKING REQUIRED	42 SPACES
PARKING PROVIDED	54 SPACES (3 ADA)

SITE DATA TABLE PHASE 1 (PRIMROSE)	
SITE AREA	2.03 AC 88,560 SF
ZONING	PD-70
PROPOSED USE	EARLY CHILDHOOD SCHOOL
BUILDING SIZE	12,400 SF
LOT COVERAGE	14.0 %
FLOOR TO AREA RATIO	0.14 : 1
BUILDING HEIGHT	1 STORY

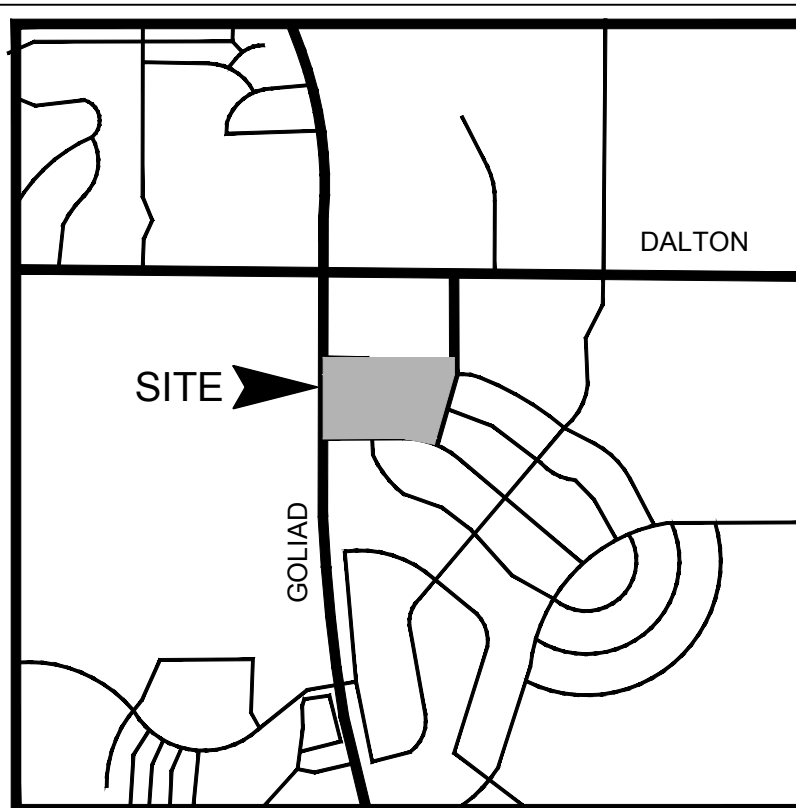
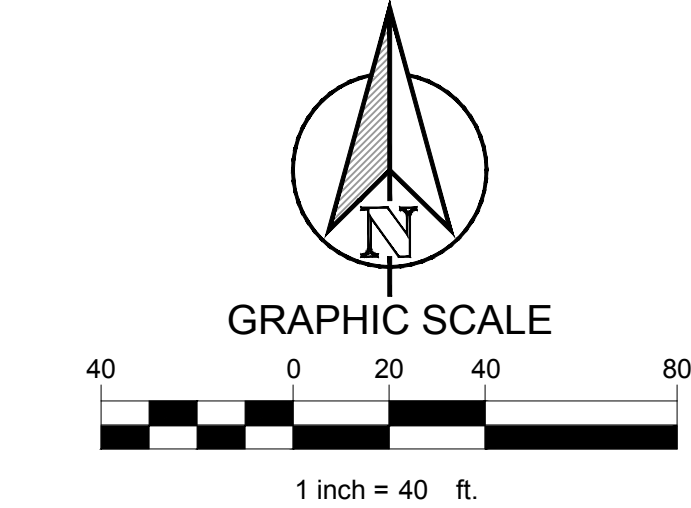
PARKING TABLE PHASE 2 (OFFICE)	
PARKING REQUIREMENTS	1/300 SF (18,000 SF)
PARKING REQUIRED	60 SPACES
PARKING PROVIDED	85 SPACES (8 ADA)

SITE DATA TABLE PHASE 2 (MIXED USE)	
SITE AREA	5.97 AC 260,192 SF
ZONING	PD-70
PROPOSED USE	MIXED USE
BUILDING SIZE	4,200SF (X3) RETAIL 5,400 SF RETAIL 7,200 RESTAURANT
LOT COVERAGE	9.7 %
FLOOR TO AREA RATIO	0.097 : 1
BUILDING HEIGHT	1 STORY

PARKING TABLE PHASE 2 (RESTAURANT)	
PARKING REQUIREMENTS	1/100 SF (7,200 SF)
PARKING REQUIRED	72 SPACES
PARKING PROVIDED	94 SPACES (4 ADA)

CONSTRUCTION SCHEDULE	
	5' STANDARD DUTY CONCRETE
	FIRE LANE PAVEMENT (6" CONCRETE)
	HEAVY DUTY PAVEMENT (6" CONCRETE)
	PROPOSED CONCRETE SIDEWALK
	EXISTING PAVEMENT
	PROPOSED CONCRETE CURB AND GUTTER
	PROPOSED FIRE LANE
	PARKING COUNT

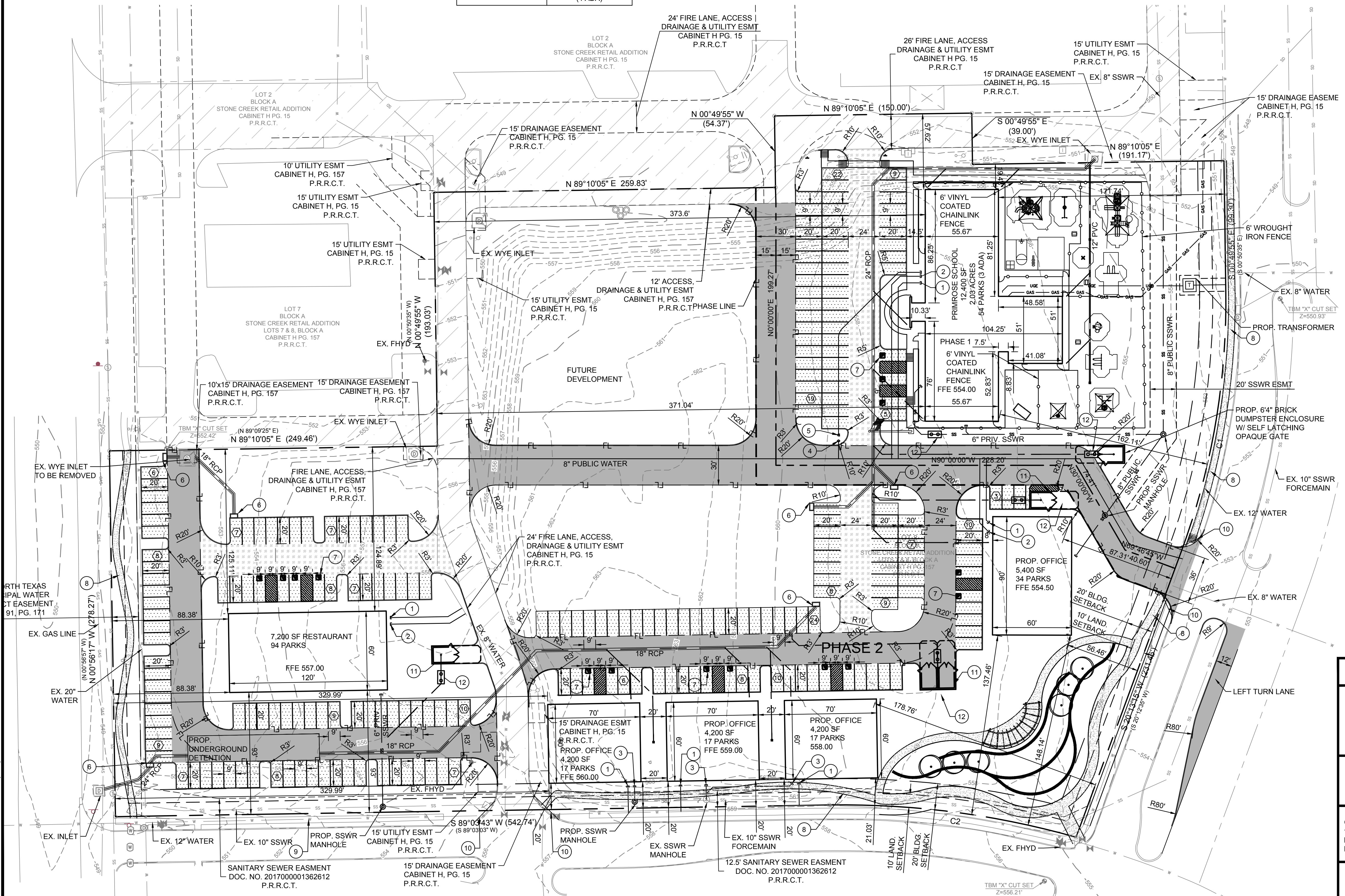
CONSTRUCTION SCHEDULE	
	PROPOSED WATER LINE
	EXISTING WATER LINE
	PROPOSED SANITARY SEWER
	EXISTING SANITARY SEWER
	PROPOSED STORM LINE
	EXISTING STORM LINE
	PROPOSED ELECTRIC SERVICE
	PROPOSED GAS LINE



VICINITY MAP  
N.T.S.

CONSTRUCTION SCHEDULE	
1	2" DOM. WATER
2	6" FIRE LINE
3	6" SANITARY SEWER
4	PROP. FIRE HYDRANT
5	PROP. FDC
6	PROP. CURB INLET
7	HANDICAP SYMBOL (TYP)
8	PROP. SIDEWALK
9	EX. SIDEWALK
10	15' VISIBILITY TRIANGLE
11	PROPOSED DUMPSTER ENCLOSURE TO MATCH BUILDING FACADE
12	OIL/WATER SEPARATOR

- NOTES:
1. A SEPARATE SIGNAGE PERMIT IS REQUIRED BY THE CITY OF ROCKWALL.
  2. ALL WALLS 3' IN HEIGHT OR GREATER SHALL BE DESIGNED BY AN ENGINEER, LICENSED IN THE STATE OF TEXAS.
  3. ALL WALLS MUST BE ROCK OR STONE FACE. NO WALLS SHALL BE SMOOTH CONCRETE.
  4. NO TREES SHALL BE PLANTED WITHIN 10' OF NON-STEEL ENCASED PUBLIC UTILITIES.
  5. SOD MUST BE LAID WITHIN ALL DISTURBED R.O.W. BEFORE ACCEPTANCE OF PROJECT.



**PRIMROSE SCHOOL  
ROCKWALL, TX 75087**

LEGAL DESCRIPTION AND/OR ADDRESS:  
STONE CREEK RETAIL ADDITION  
LOT 8, BLOCK A  
8.0064 ACRES (REPLAT 2012)

OWNER:  
METROPLEX ACQUISITION FUND, LP  
1717 WOODSTEAD CT  
STE 207  
THE WOODLANDS, TX 77380

APPLICANT:  
CLAYMOORE ENGINEERING, INC.  
1903 CENTRAL DRIVE, SUITE #406  
BEDFORD, TX 76021  
PH: 817.281.0572

CASE NUMBER  
SP2020-XX

TEXAS REGISTRATION #14199  
**CLAYMOORE ENGINEERING**  
1903 CENTRAL DRIVE, SUITE #406  
BEDFORD, TX 76021  
PHONE: 817.281.0572  
WWW.CLAYMOORE.COM

**PRELIMINARY**  
FOR REVIEW ONLY  
Not for construction purposes.  
**CLAYMOORE ENGINEERING**  
ENGINEERING AND PLANNING  
CONSULTANTS  
Engineer: CLAY CRISTY  
P.E. No. 109800 Date: 03/20/2020

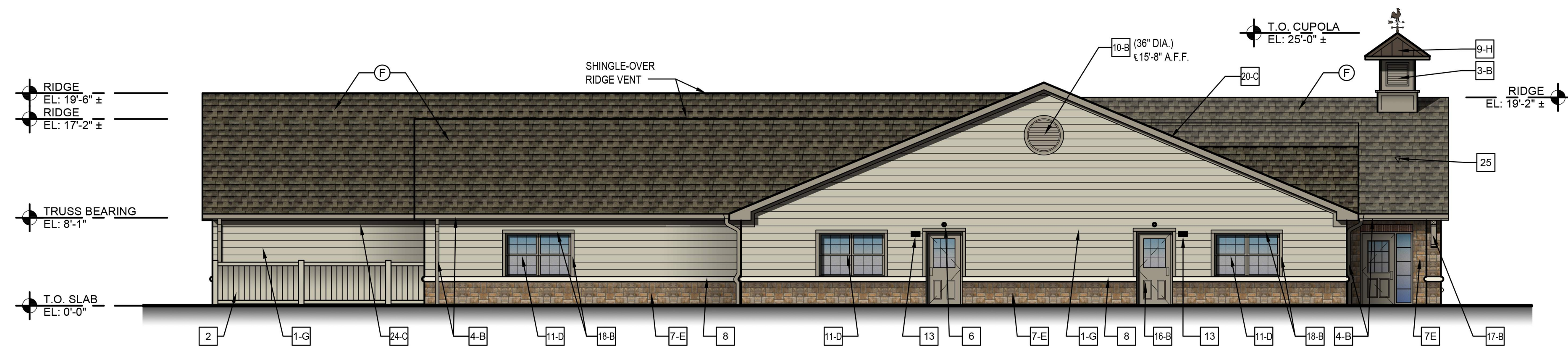
**PRIMROSE SCHOOL OF  
NORTH ROCKWALL  
ROCKWALL, TX 75087**

NO.	DATE	REVISION	BY

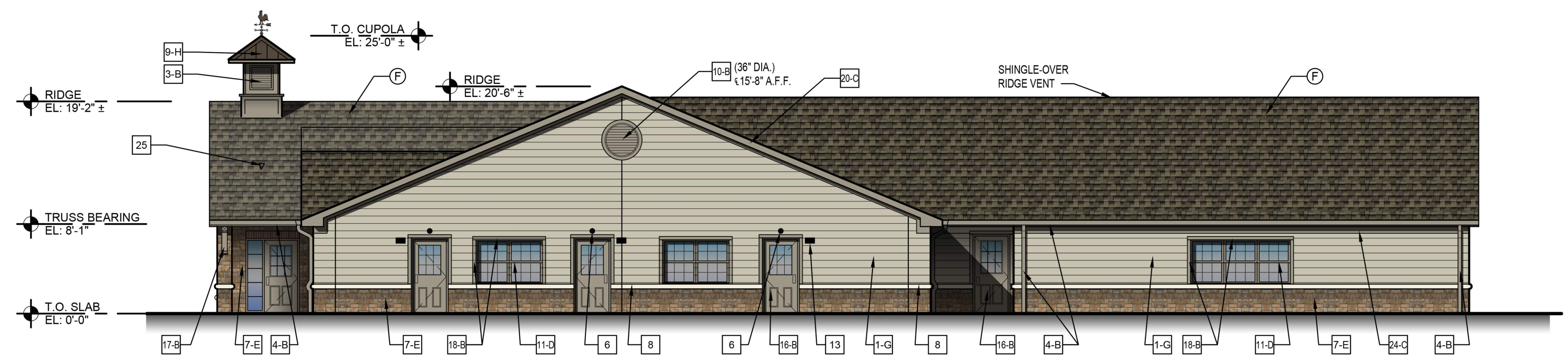
**CITY SITE PLAN**

DESIGN: LRR  
DRAWN: LRR  
CHECKED: CLC  
DATE: 03/20/2020  
SHEET  
**SP-1**  
File No. 2020-021

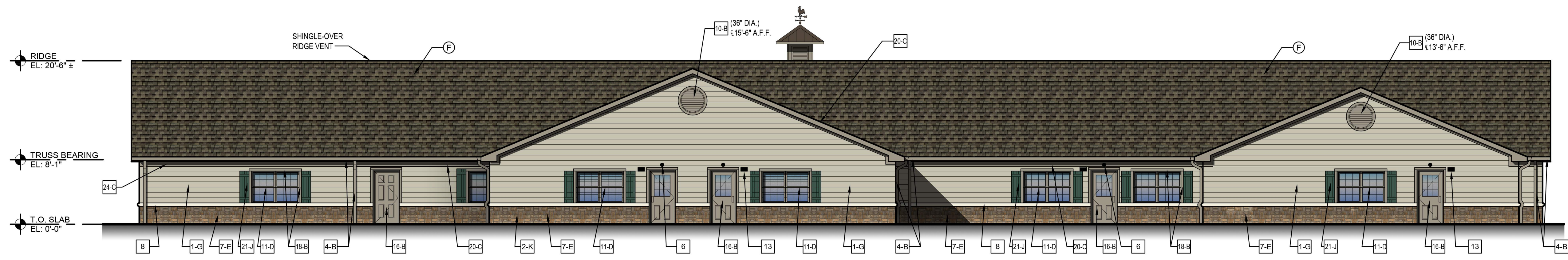
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NORTH ELEVATION



SOUTH ELEVATION

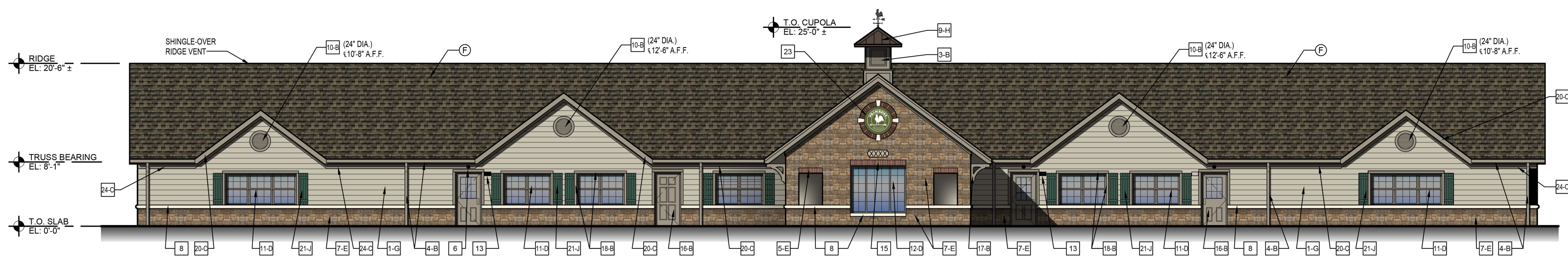


EAST ELEVATION



PROPOSED BUILDING FOR:  
 PRIMROSE SCHOOL  
 FRANCHISING COMPANY  
 3200 WINDY HILL ROAD, SUITE 1200E  
 ATLANTA, GEORGIA 30339-5640

**COLORED ELEVATIONS**  
**PRIMROSE SCHOOL**  
 BORDEAUX DRIVE & STONE CREEK DRIVE  
 NORTH ROCKWALL, TX  
 03/18/2020



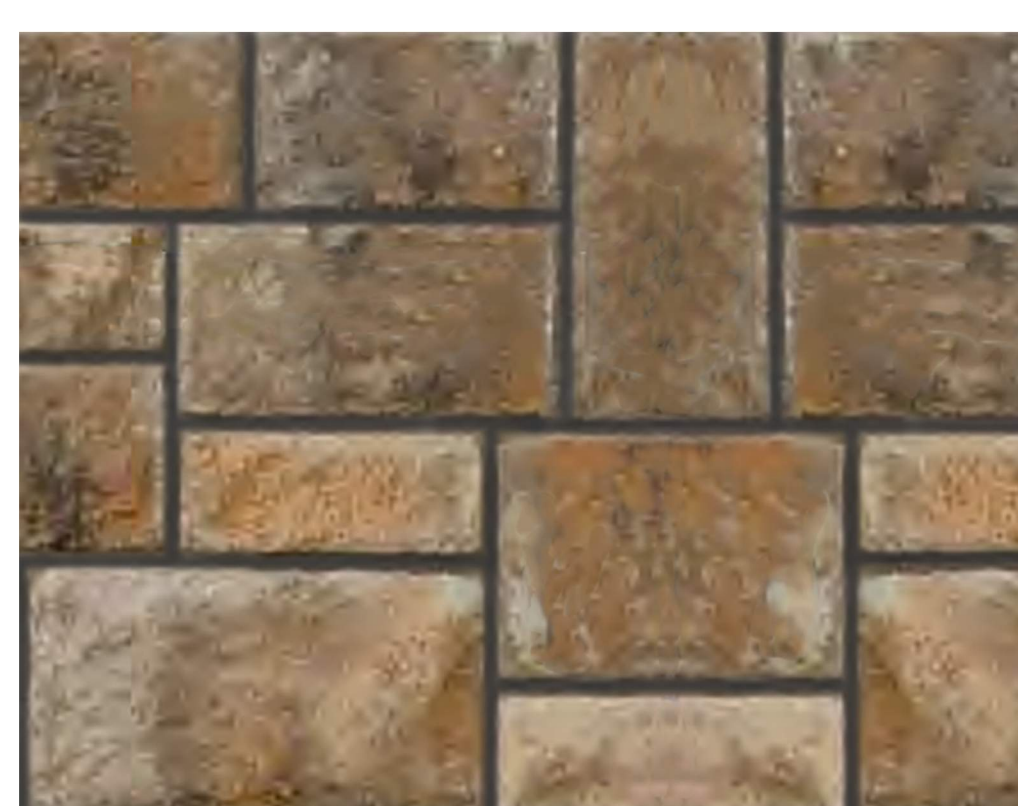
WEST ELEVATION

KEYED NOTES:

- 1 HARDIE PLANK LAP SIDING.
- 2 SOLID VINYL FENCE SCREEN FOR HVAC UNITS, COLOR SANDSTONE
- 3 CUPOLA WITH WEATHER VANE, SEE SPECIFICATIONS SECTION OF DRAWINGS. PAINT CUPOLA WALLS AND LOUVERS PER EXTERIOR FINISH SCHEDULE. DARK BRONZE STANDING SEAM ROOF. (EPOXY ROOSTER)
- 4 EXTRUDED ALUMINUM 5" WIDE GUTTERS WITH SPIKE AND FERRULE AT 36" O.C. OGEE PROFILE. CONNECT 4" DIA. DOWNSPOUTS TO UNDER GROUND STORM SYSTEM.
- 5 SOLDIER COURSE
- 6 WALL MOUNTED EMERGENCY LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS.
- 7 STONE: SEE EXTERIOR COLOR SCHEDULE FOR MANUFACTURER.
- 8 PRECAST BULLNOSE SILL - NATURAL WHITE COLOR
- 9 STANDING SEAM ROOF.
- 10 24" OR 36" DIAMETER VENT LOUVERS. PROVIDE PAINTABLE UNIT AND PAINT PER SCHEDULE. SIZE AND HEIGHT AS SHOWN ON ELEVATIONS. SEE 6/A6.2.
- 11 VINYL SINGLE HUNG WINDOWS WITH CLEAR GLASS (SEE WINDOW ELEVATIONS SHEET A2.1)
- 12 FIXED WINDOW WITH CLEAR GLASS. (SEE WINDOW ELEVATIONS SHEET A2.1)
- 13 WALL MOUNTED LIGHT FIXTURE, TYP. AT EACH EXTERIOR DOOR. SEE LIGHT FIXTURE SCHEDULE. MOUNT 82 1/2" A.F.G. TO CENTER OF FIXTURE
- 14 NOT USED
- 15 BEIGE ALUMINUM PLAQUE w/ 6" REFLECTIVE BLACK VINYL NUMBERS. PROVIDED BY 1 HOUR SIGN.
- 16 H.M. INSUL. EXTERIOR DOOR AND FRAME - SEE DOOR SCHEDULE
- 17 "FYPON" PVC BRACKET, MODEL NO. BKT31X30X5. PAINTED.
- 18 1X4 TRIM BOARD, PAINT
- 19 NOT USED
- 20 1X8 TRIM BOARD, PAINT
- 21 VINYL SHUTTERS
- 22 NOT USED
- 23 42" ROUND LED LIGHTED SIGN (INTERNALLY LIT)
- 24 PREFINISHED TRIM AND FRIEZE BOARDS
- 25 CUPOLA LIGHT FIXTURE. MOUNT AT MID POINT BETWEEN EAVE & BASE OF CUPOLA. LIGHT CENTERED ON CUPOLA. SEE LIGHT FIXTURE SCHEDULE ON E2.0.



HARDIE PLANK LAP SIDING



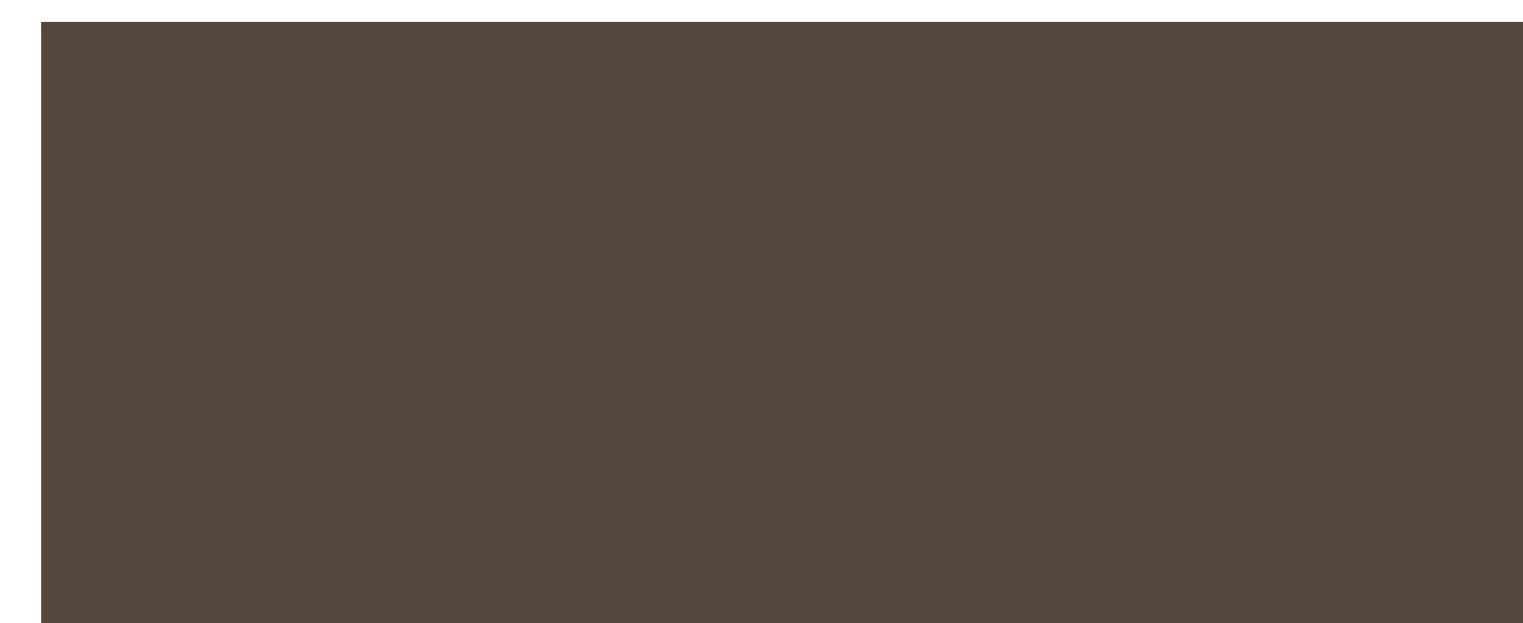
STONE



SHINGLES



MONTEREY TAUPE



STANDING SEAM ROOF

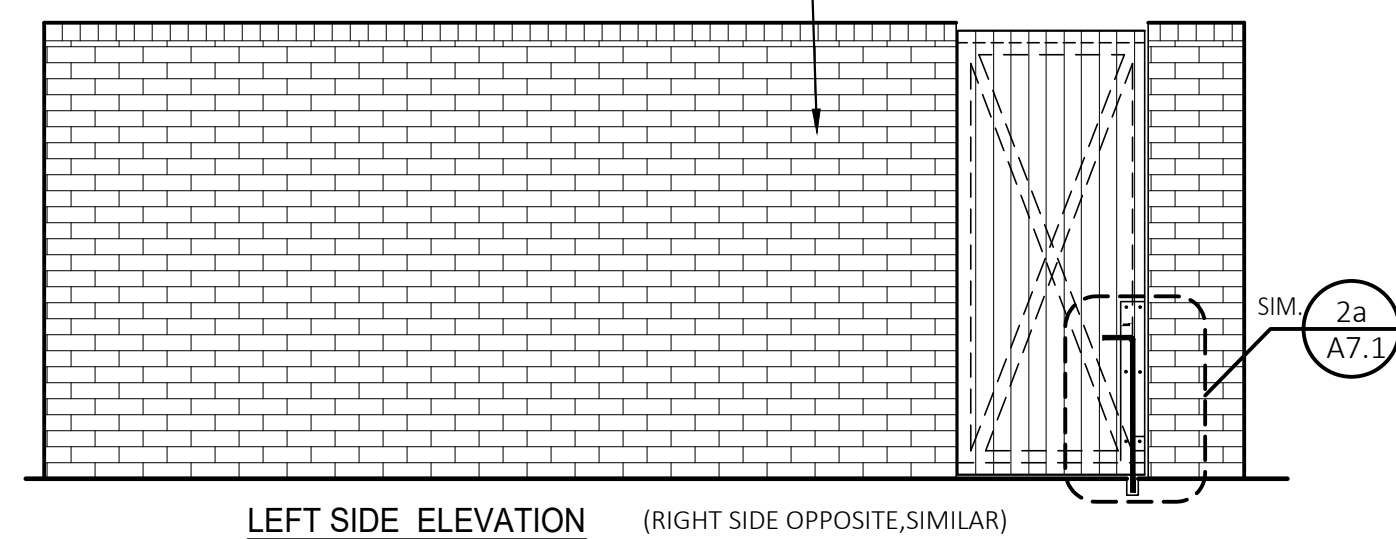
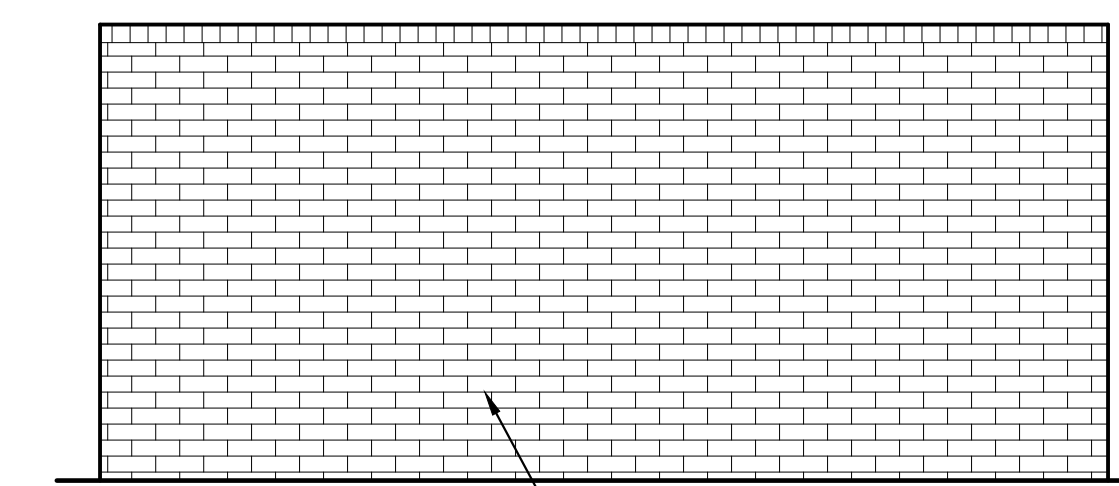
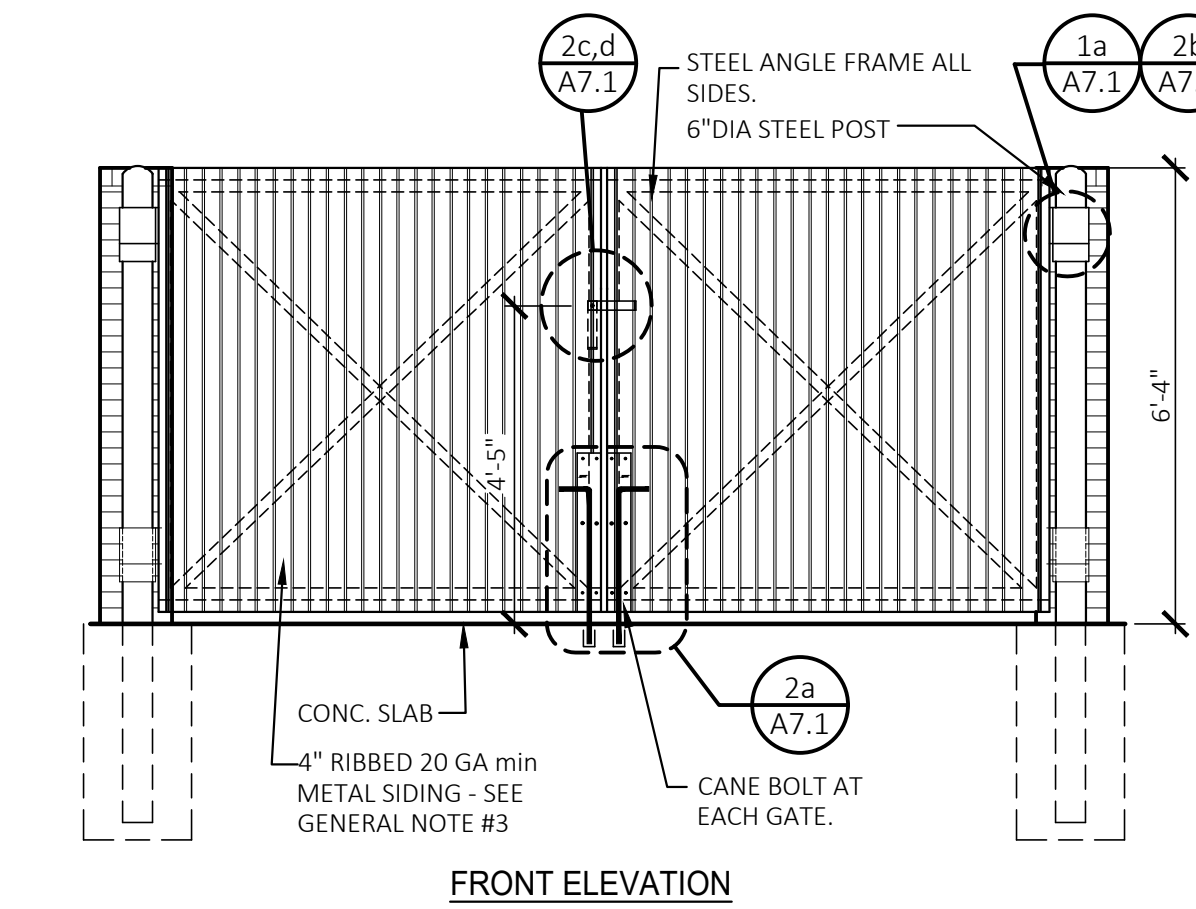
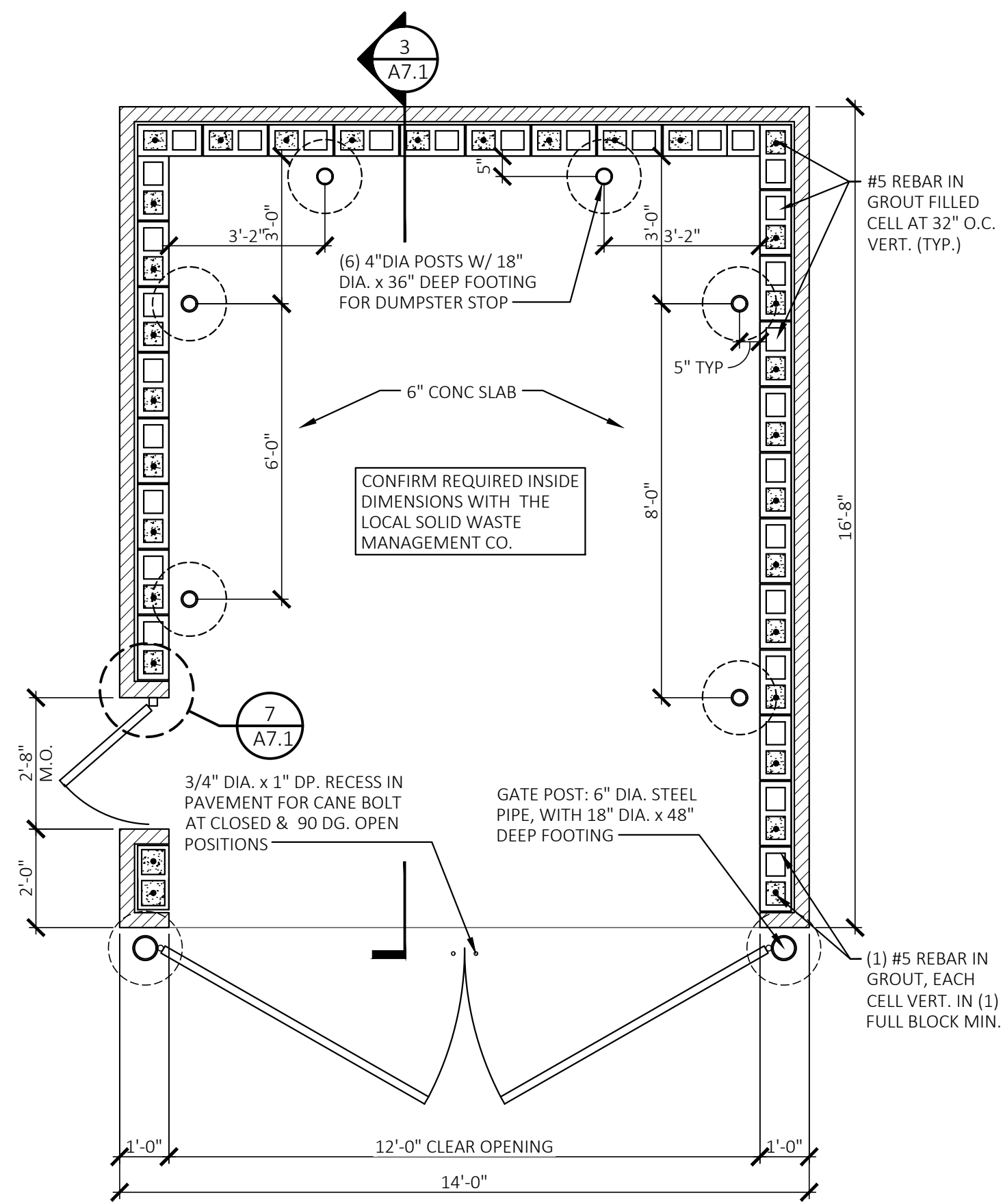
EXTERIOR COLOR SCHEDULE

<ul style="list-style-type: none"> <li>(A) TRASH ENCLOSURE GATES (POST &amp; HINGES)</li> <li>(B) EXTERIOR WD. TRIM, EXTERIOR DOORS, FRAMES, LOUVERS, CUPOLA WALLS, GUTTERS AND AND DOWNSPOUTS, SOFFITS, BRACKETS.</li> <li>(C) EXTERIOR FASCIA, FRIEZE</li> <li>(D) WINDOWS</li> <li>(E) STONE:</li> <li>(F) FIBERGLASS ASPHALT SHINGLES:</li> <li>(G) HARDIE PLANK LAP SIDING:</li> <li>(H) STANDING SEAM ROOF:</li> <li>(J) VINYL SHUTTERS</li> </ul>	<p>#BM HC 112 TATE OLIVE (INDUSTRIAL ENAMEL, EXTERIOR APPLICATION)</p> <p>JAMES HARDIE - "MONTEREY TAUPE"</p> <p>JAMES HARDIE - "MONTEREY TAUPE"</p> <p>COLOR - "ALMOND"</p> <p>LONESTAR STONE - LIBERTY CLASSIC - AUTUMN                  GROUT: LIGHT BUFF COLORED MORTAR</p> <p>MANUFACTURER: GAF OR (CERTAINTED) STYLE: TIMBERLINE HD OR (LANDMARK) COLOR: WEATHERED WOOD LIFETIME WARRANTY</p> <p>COBBLESTONE JH40-10</p> <p>AEP-SPAN SNAPSEAM - 12" COLOR: DARK BRONZE</p> <p>architecturaldepot.com - 14" JOINED SHUTTERS WINSTALL SCREWS WIDE STANDARD SIZE FOUR BOARD PREFINISHED #028 FOREST GREEN</p>
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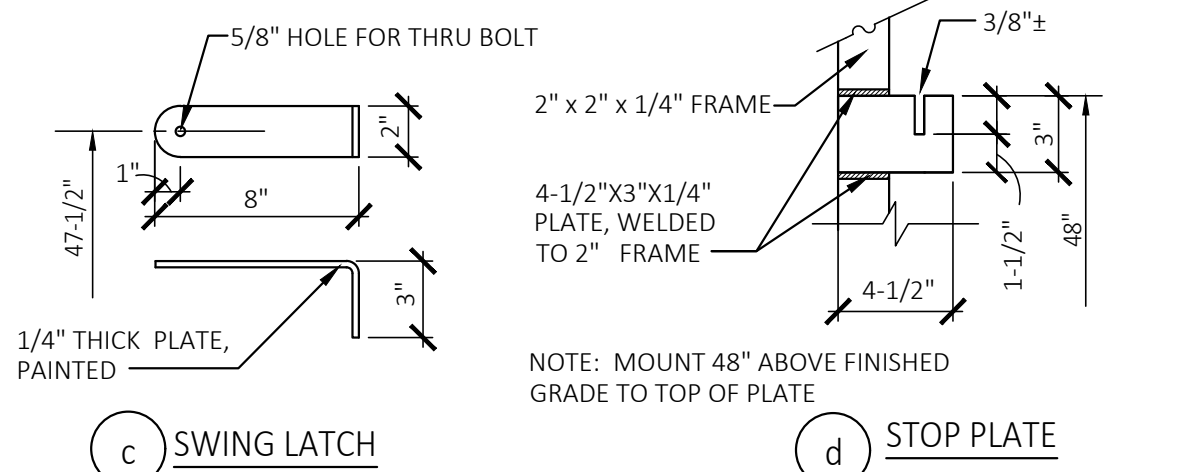
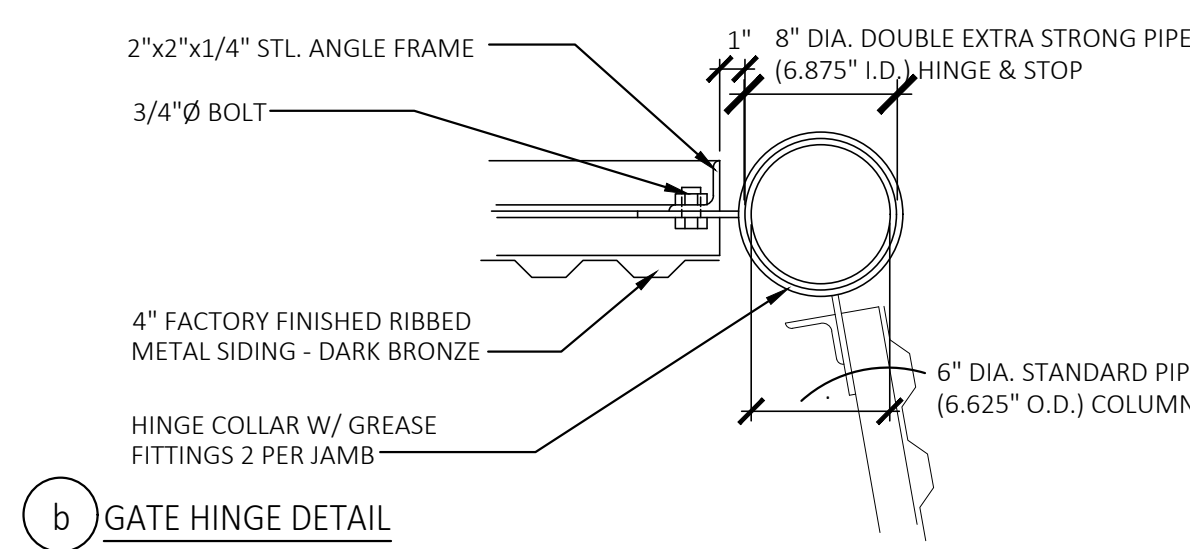
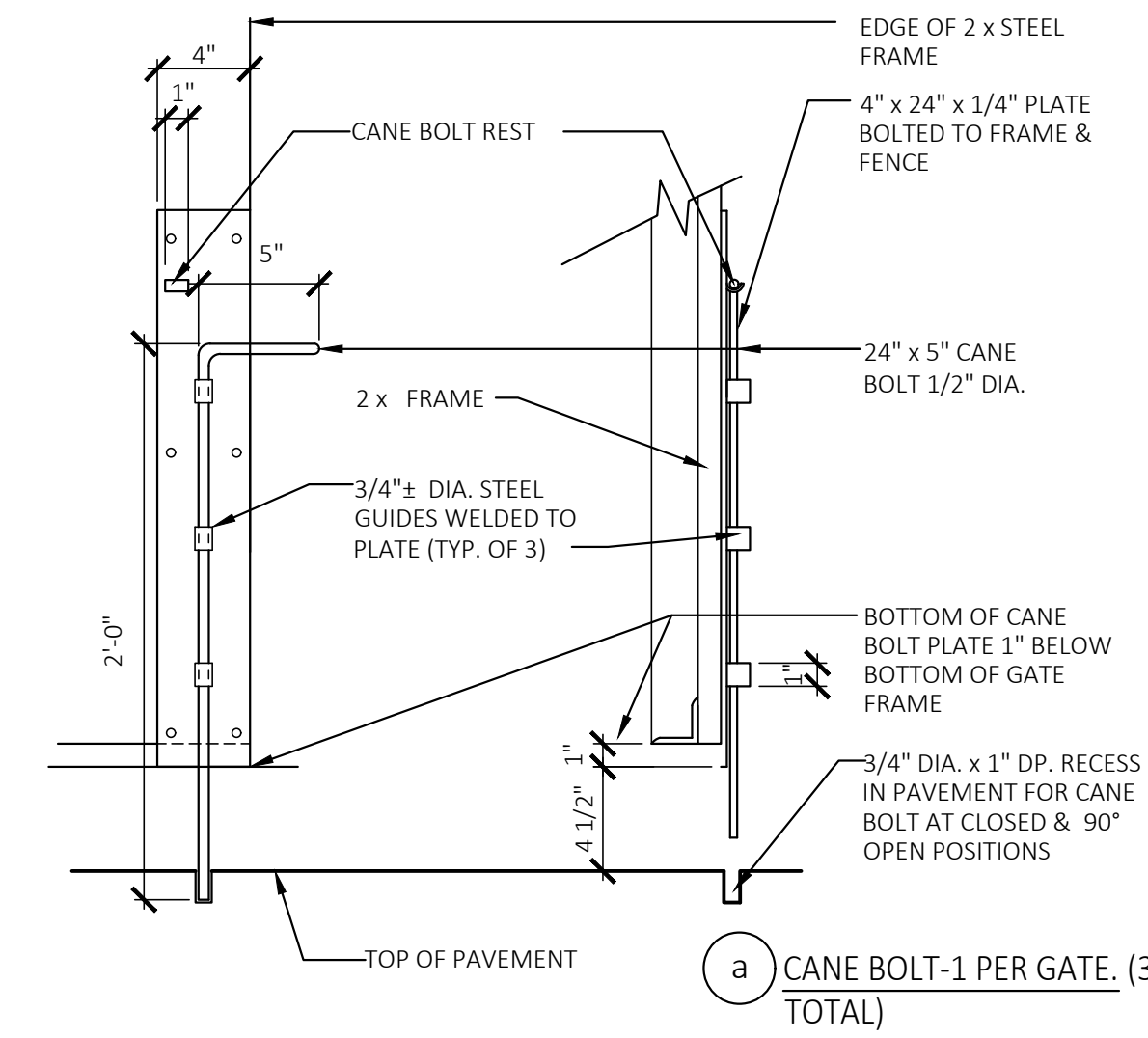


PROPOSED BUILDING FOR:  
**PRIMROSE SCHOOL**  
**FRANCHISING COMPANY**  
 3200 WINDY HILL ROAD, SUITE 1200E  
 ATLANTA, GEORGIA 30339-5640

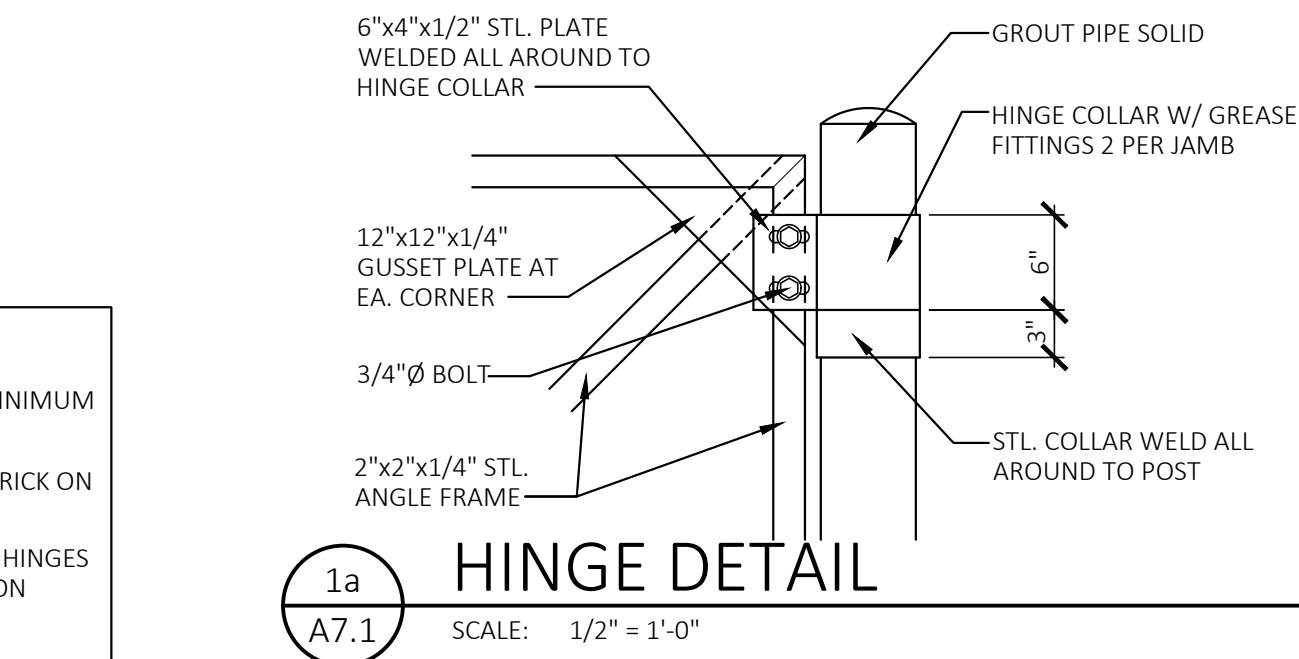
**MATERIAL BOARD AND COLORED ELEVATION**  
**PRIMROSE SCHOOL**  
 BORDEAUX DRIVE & STONE CREEK DRIVE  
 NORTH ROCKWALL, TX  
 03/18/2020



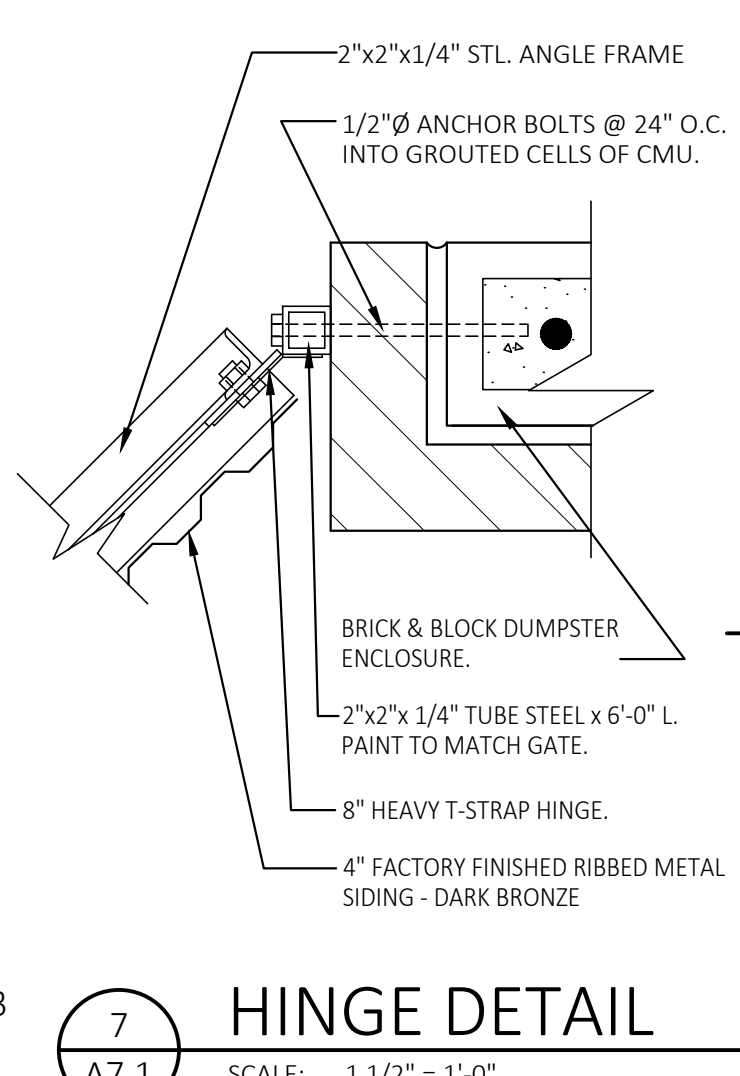
**1**  
A7.1 DUMPSTER PLAN & ELEVATIONS  
SCALE: 3/8" = 1'-0"



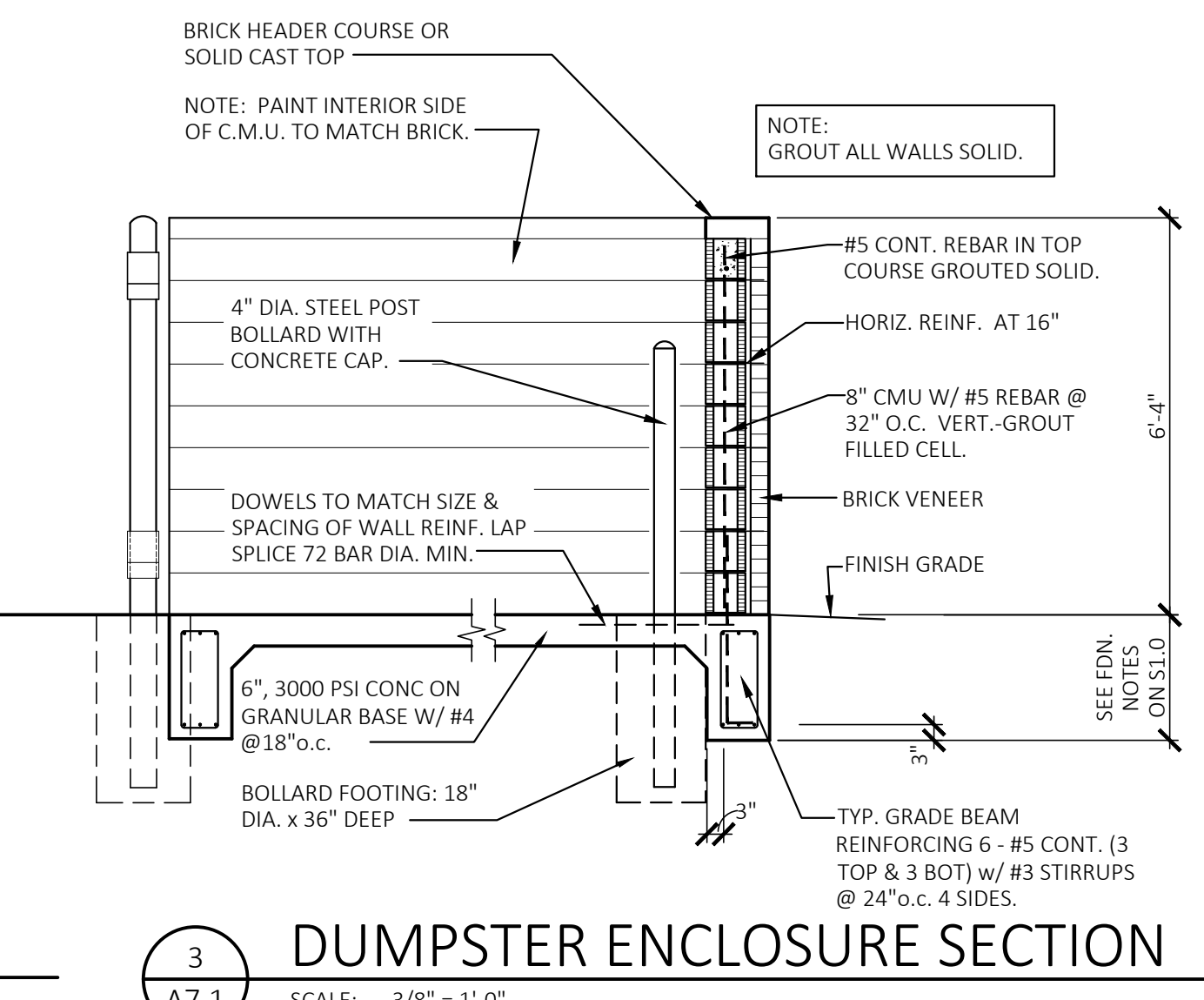
**2**  
A7.1 HARDWARE DETAILS  
SCALE: 1 1/2" = 1'-0"



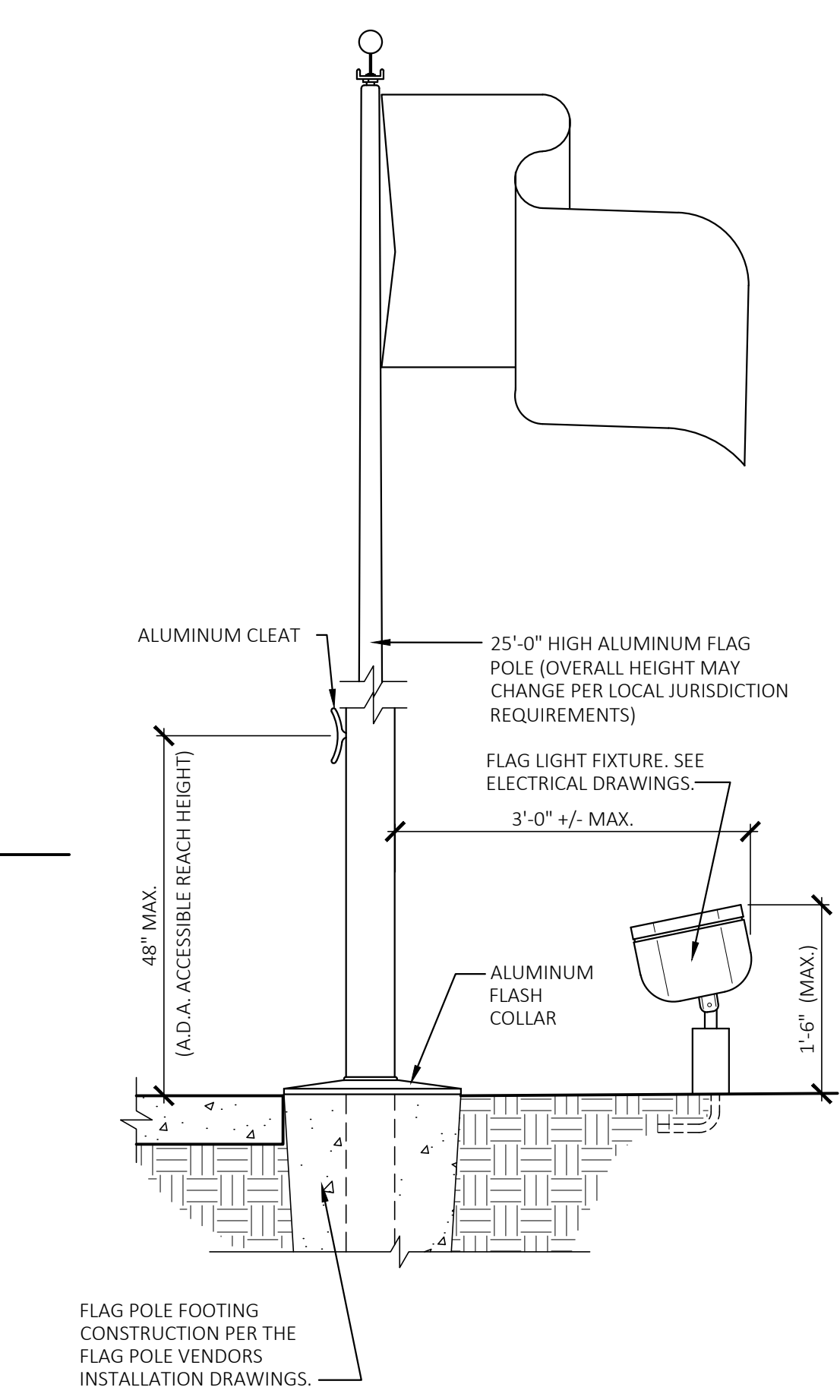
**1a**  
A7.1 HINGE DETAIL  
SCALE: 1/2" = 1'-0"



**7**  
A7.1 HINGE DETAIL  
SCALE: 1 1/2" = 1'-0"

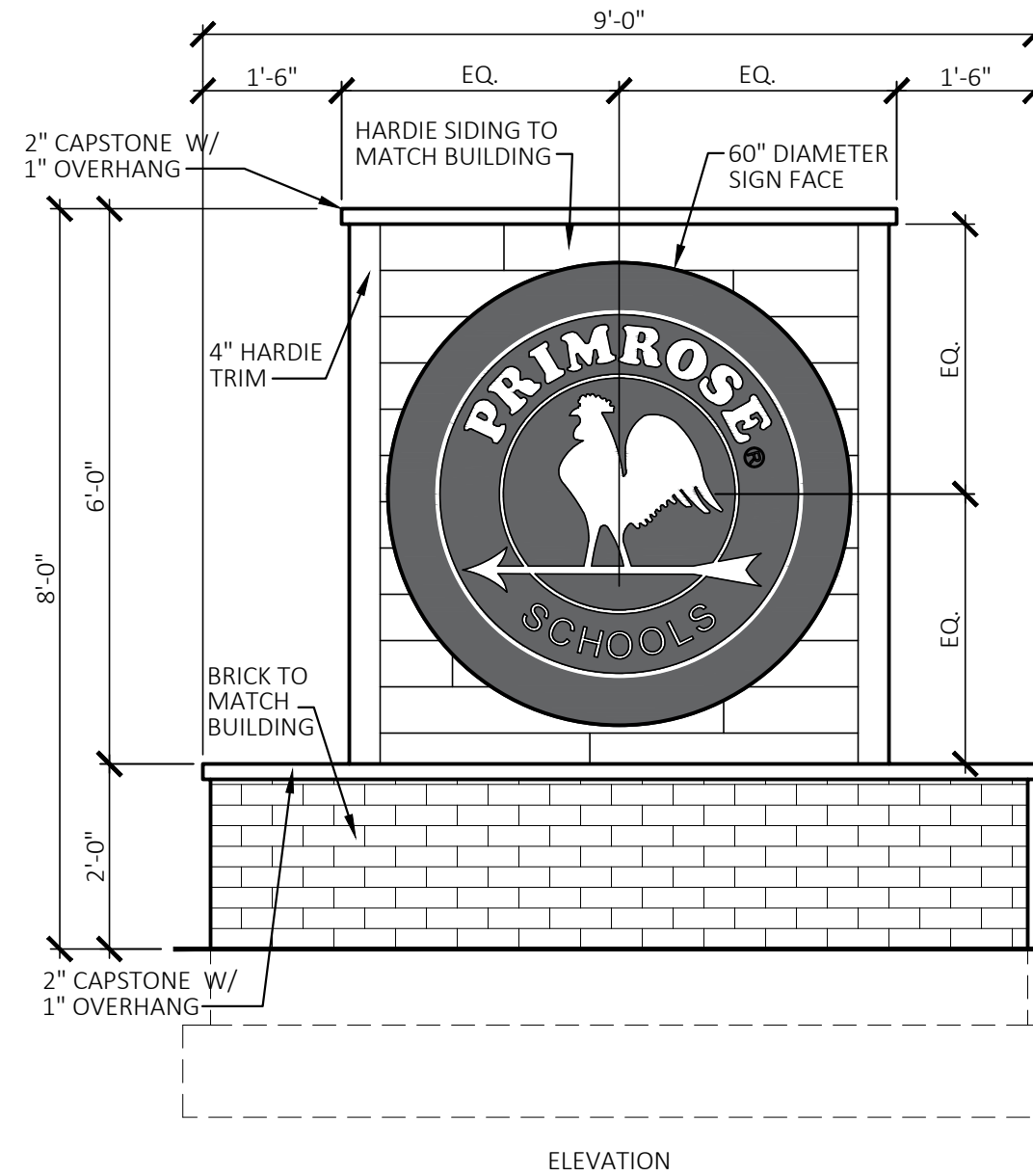


**3**  
A7.1 DUMPSTER ENCLOSURE SECTION  
SCALE: 3/8" = 1'-0"

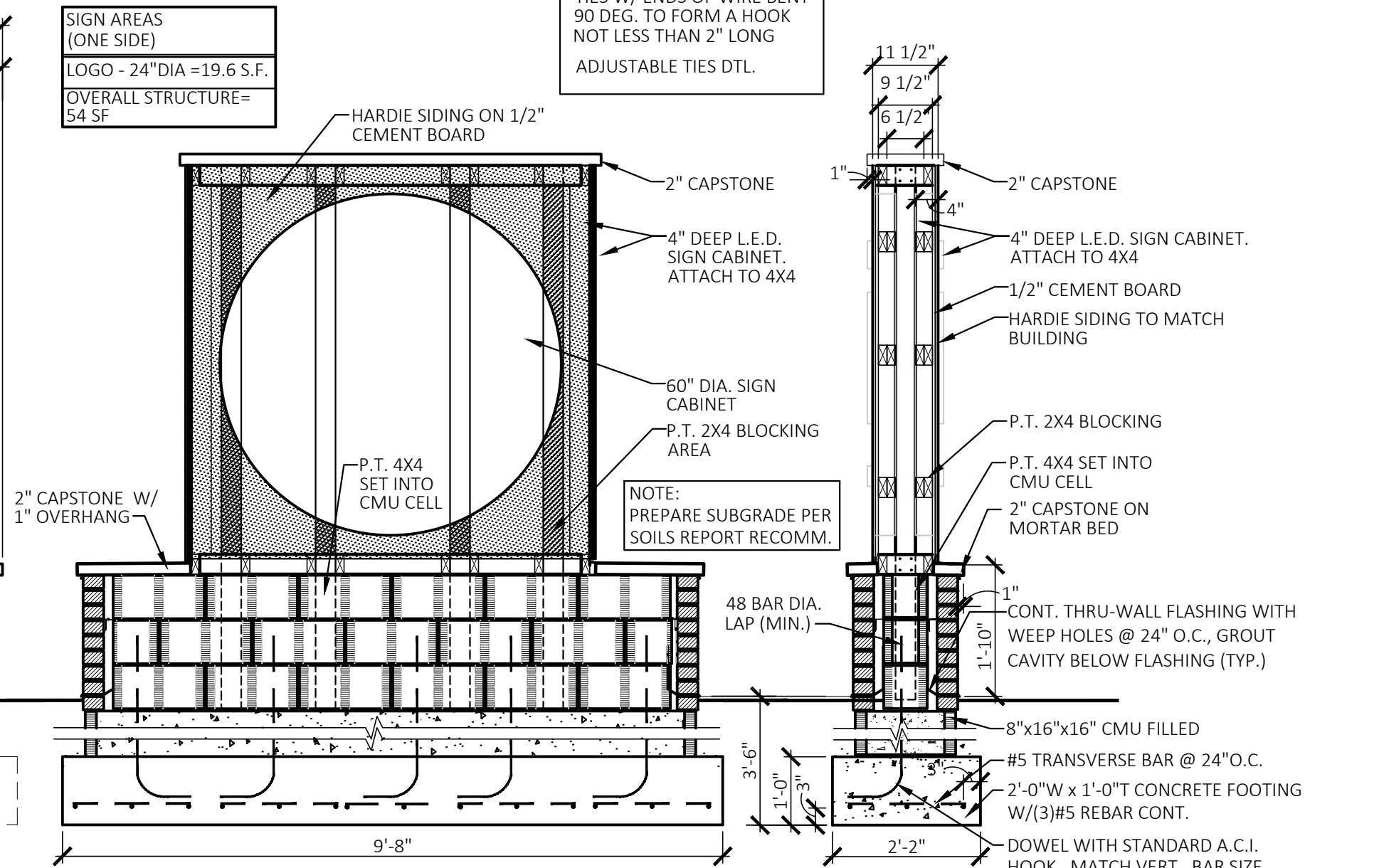


**5**  
A7.1 DETAIL @ FLAG POLE  
SCALE: 1" = 1'-0"

**GEN. NOTES**  
1. STEEL POSTS SHALL BE SET A MINIMUM OF 36" INTO CONCRETE.  
2. BRICK COLOR TO MATCH THE BRICK ON THE BUILDING, U.N.O.  
3. PAINT DUMPSTER GATE, POST, HINGES AND ACCESSORIES AS SPECIFIED ON "EXTERIOR FINISH SCHEDULE".



**8**  
A7.1 MONUMENT SIGN ELEVATION  
SCALE: 1/2" = 1'-0"



**SECTION 1**  
**SECTION 2**

No.	Description	Date

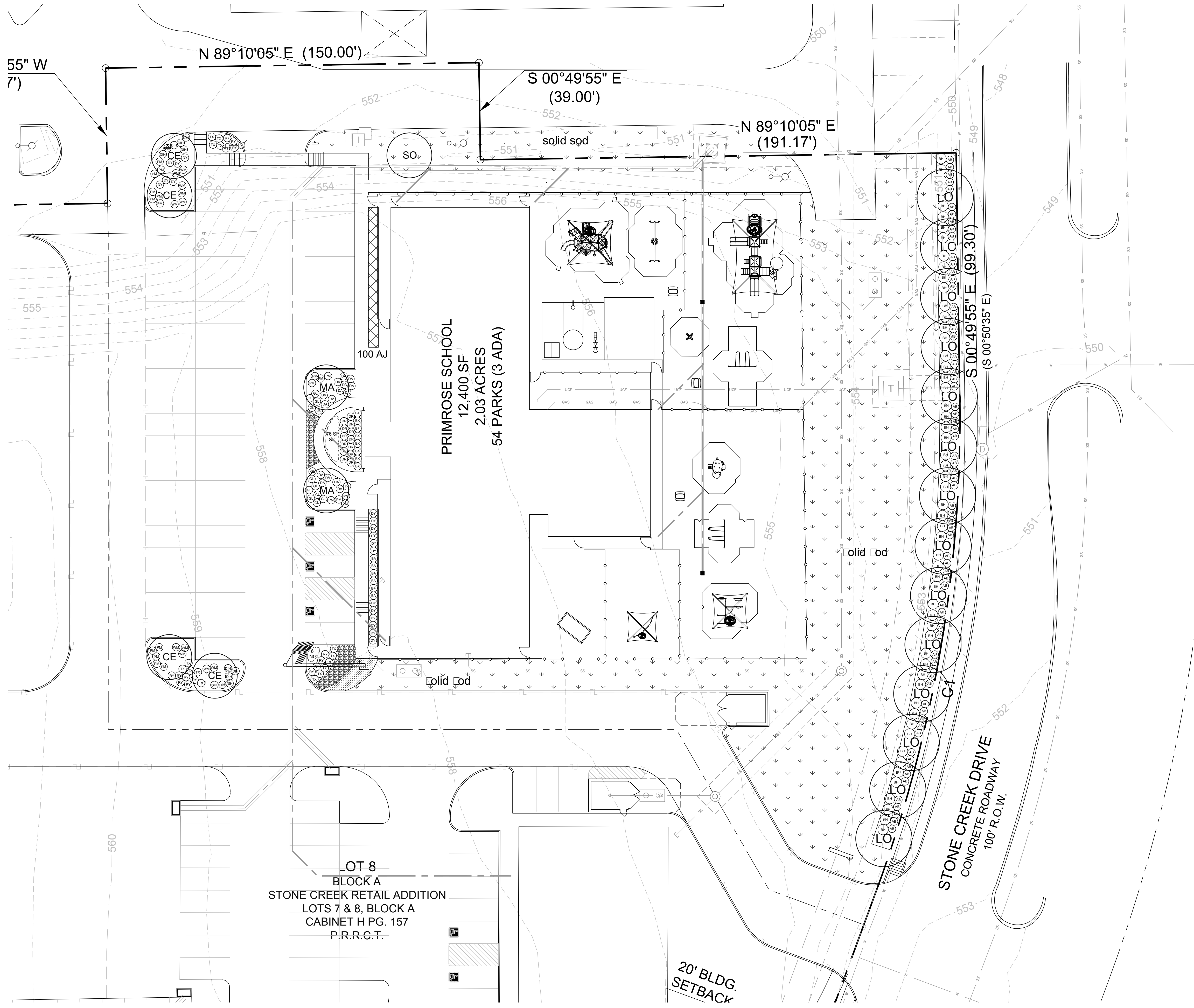
Drawn By/Checked By: DSC/KMM  
Project Number: 919566  
For Construction: XX-XX-XX  
Bid Date: XX-XX-XX  
Permit Date: XX-XX-XX

SITE DETAILS

**A7.1**  
2/20/20

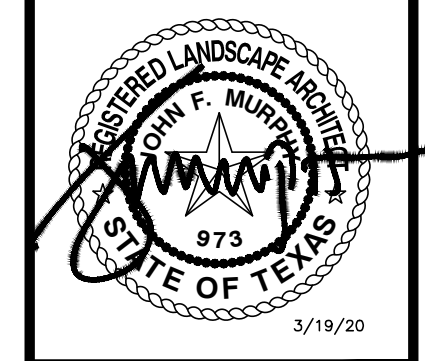


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 LAST SAVED: 3/19/2020 8:49 AM




**site integration studio**  
 Landscape Architecture - Sustainable Site Planning - Natural Resource Design  
**John F. Murphy, ASLA**  
 7529 Cross Gate Way  
 Tyler, TX 75703  
 512.589.9584 - Austin  
 john@siteint.com  
 scott@siteint.com  
 512.632.3822 - Tyler  
 512.589.9584 - Austin  
 www.siteint.com

TEXAS REGISTRATION #14189  
  
**CLAY MOORE ENGINEERING**  
 1903 CENTRAL DR. SUITE 408  
 ROCKWALL, TX 75087  
 PHONE: 972.261.0972  
 WWW.CLAYMOORE.COM



**PRIMROSE SCHOOL OF  
 NORTH ROCKWALL  
 ROCKWALL, TX 75087**

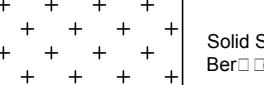

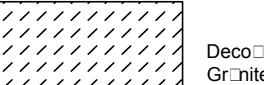
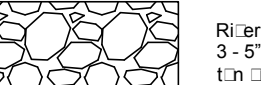
**TREE LEGEND**

LO	Live Oak	SO	Shoestring Acacia
CE	Cedar Elm	MA	Shoestring Maple

**SHRUB LEGEND**

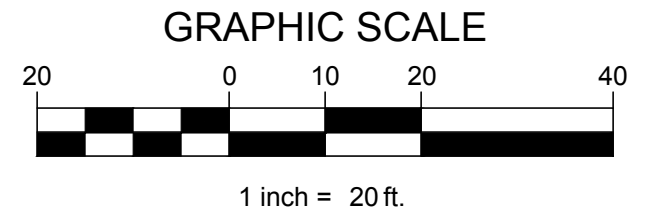
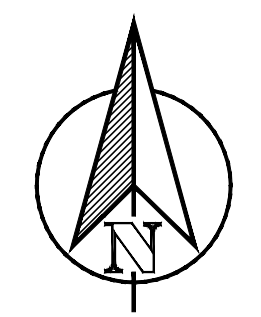
DY	Drift Yucca	GL	Glenn Linolea
DA	Drift Azelea	AB	Azelea
WM	Drift Wax Mistle	BH	Drift Birdfoot Holly
RY	Red Yucca	BX	Drift Boxwood
NGL	Ne. Gold Lantana	DR	Pin. Drift Rose
DH	Drift Indian Hawthorne	AJ	Asian Jasmine
TX	Tex. Scaevola	SC	Section Color
PM	Pin. Manzanita		

**HATCH LEGEND**

	Solid Sod		Asian Jasmine
	Decorated Grinle		River Rock 3 - 5" stone 1.5" and 3.0"

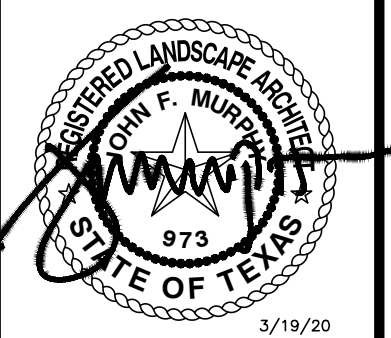
**LANDSCAPE NOTES**

- The project will have an underground irrigation system to water the planting.
- Install 4" layer of shredded hardwood mulch to all planting beds.
- Install 4" steel edging between all shrub beds and tree beds.
- Shrub beds to have 8 inch layer of shredded mulch (75% cortecool, 15% colored wood chips, 10% shredded bark).
- Shredded hardwood mulch will contain long fibers with double shredded finer material obtained from local source.
- Install 4 inch layer of clean topsoil in all areas of the site. Topsoil shall be free from debris and rocks larger than 2 inches in diameter and have an organic matter level of 3 percent. Provide topsoil with pH between 5.5 and 7.4 percent. Provide soil test analysis from soil testing laboratory to determine organic percentage.
- Solid sod will be installed in construction activities that are on site.



**LANDSCAPE PLAN**

DESIGN:	LRR
DRAWN:	LRR
CHECKED:	CLC
DATE:	03/19/2020
SHEET	
<b>L-1</b>	
File No.	2020-021



**PRIMROSE SCHOOL OF  
 NORTH ROCKWALL  
 ROCKWALL, TX 75087**

**PLANT LIST**

CANOPY TREES			
1	SO	Shoebird Oak	Quercus chrysolepis
2	MA	Shoebird Maple	Acer truncatum
14	LO	Lime Oak	Quercus prinus
4	CE	Cedar Elm	Ulmus crinitifolius

SHRUBS & GROUNDCOVERS			
24	DY	Dwarf Yucca	Ilex coccinea
16	DA	Dwarf Aster	Aster multiflorus 'Ed. Goucher'
11	WM	Dwarf Wax Myrtle	Mycopygium
14	RY	Red Yucca	Hebe x exoniiflora
6	NGL	Neon Gold Lantana	Lantana 'Neon Gold'
12	DIH	Dwarf Indian Hawthorne	Rhododendricarpus
15	TX	Texas Sage	Leucosiphon frutescens 'Silverado'
20	PM	Pinelander	Muhlenbergia ciliata
13	GL	Glenn Liriodendron	Liriodendron
70	AB	Aster	Aster multiflorus
56	BH	Dwarf Bradford Holly	Ilex cornuta 'Bradford'
8	BX	Dwarf Boxwood	Buxus sempervirens 'Fructicos'
13	DR	Pinelander	Rosa 'Meibop'
100	AJ	African Jasmine	Trachelium
76	SC	Seaboard Color	To be selected at time of planting

City of Rockwall, Texas  
**LANDSCAPE CALCULATIONS**

Total Lot Area	88,583 SF	Required	Provided
Landscaped Area 15%		13,287 SF	24,445 SF (47.5%)

Street Buffer Tree	1 Shade tree 3" cal. per 50 LF of frontage	Required	Provided
Stone Creeper Drive	315 LF	7	14

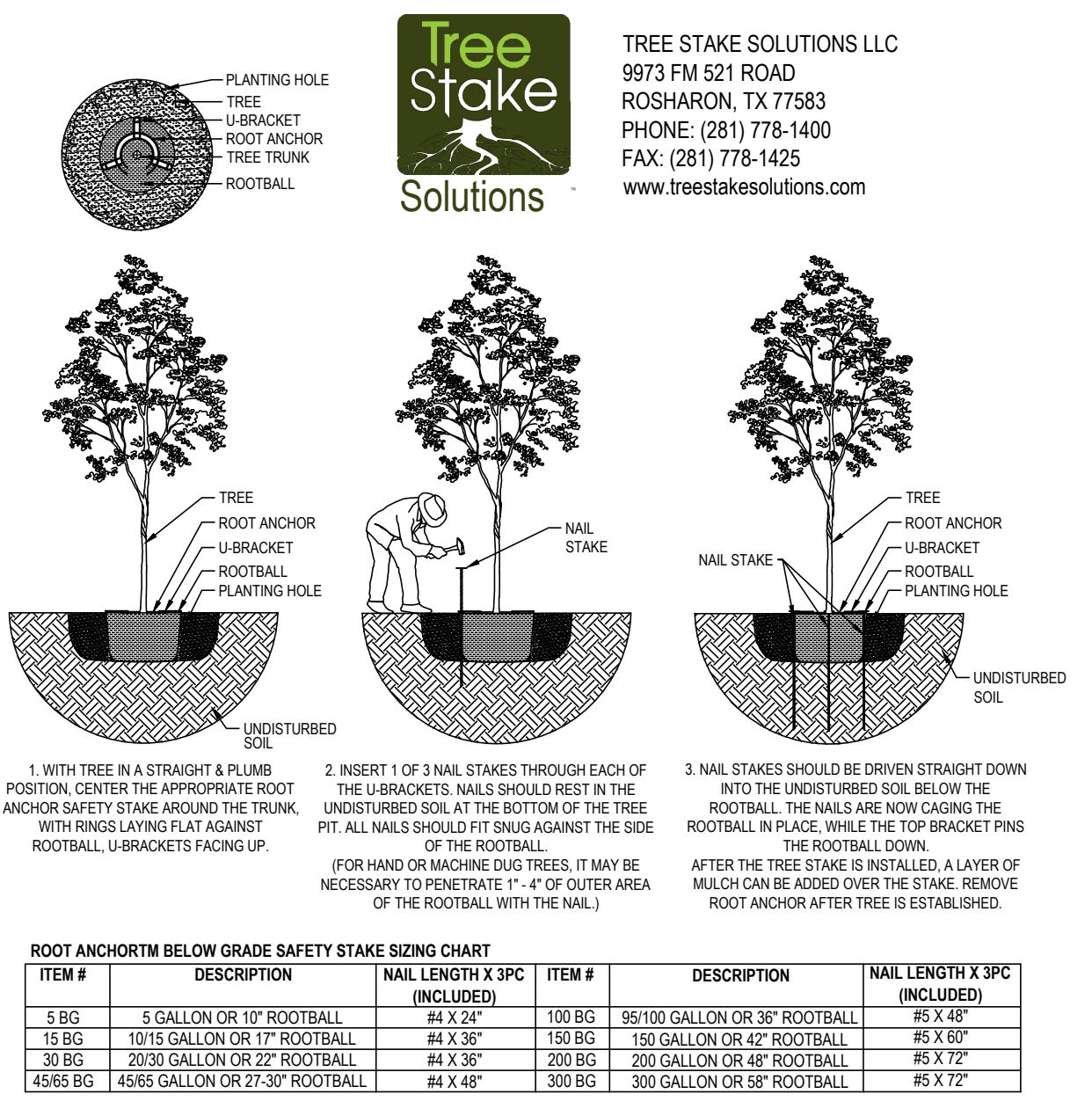
  

Perennial Lot Landscaping		Required	Provided
Perennial Spacing	55	6	6
1 tree per 10' spacing			

Tree Mitigation

No tree on site



**1 CANOPY TREE PLANTING**  
 SCALE: NONE

**2 MULTI-TRUNK PLANTING**  
 SCALE: NONE

**3 SHRUB PLANTING**  
 SCALE: NONE

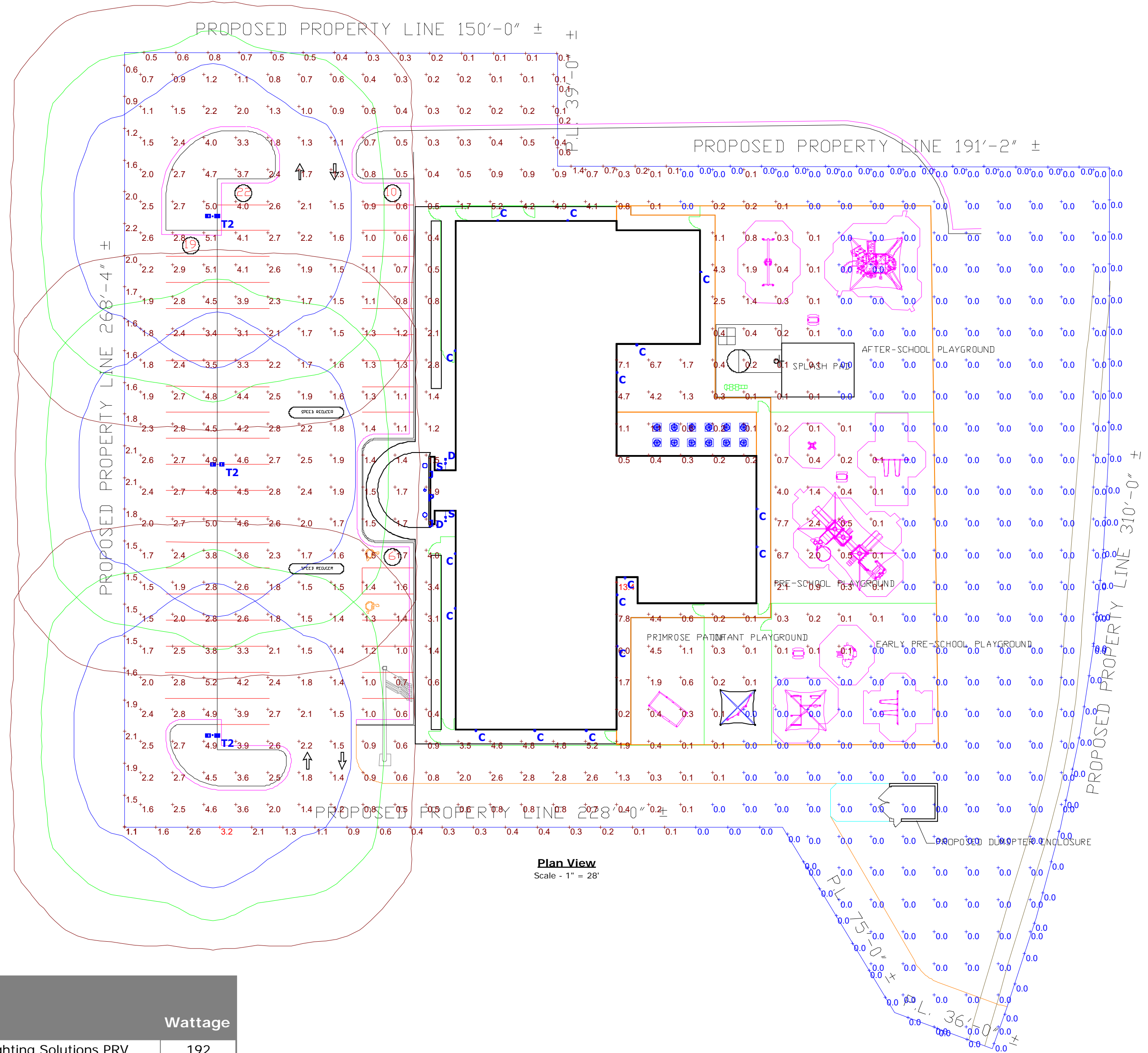
**4 GROUNDCOVER PLANTING**  
 SCALE: NONE

**LANDSCAPE DETAILS**

DESIGN:	LRR
DRAWN:	LRR
CHECKED:	CLC
DATE:	03/19/2020
SHEET	
<b>L-2</b>	
File No.	2020-021

PLOTTED BY: SCOTT FULWILER  
 PLOT DATE: 3/19/2020 8:50 AM  
 LOCATION: C:\USERS\SCOTT FULWILER\DOCUMENTS\AUTOCAD\_LRD\PRIMROSE\_SCHOOL\PRIMROSE\_SCHOOL\PRIMROSE\_SCHOOL\PRIMROSE\_SCHOOL.LSDWG  
 LAST SAVED: 3/19/2020 8:49 AM





Schedule					
Symbol	Label	Qty	Catalog Number	Description	Wattage
	T2	3	PFPRV-1-C25-T4-20-0	Double Head D180 Cooper Lighting Solutions PRV Prevail Series Pole & Fixture Combo LED Area Unit w/Type 4ME Distribution (20ft. Pole w/2ft. Base)	192
	C	16	XTOR3B	Cooper Lighting Solutions Lumark XTOR3 Series Wall Mounted Wallpack Unit (7ft. Fixture Mounting Height)	25.5
	D	2	H7ICT / RL560WH9930	Eaton Halo Brand H7ICT Series Insulated Ceiling Recessed Housing w/ TCP LED14 Series Downlight Module Unit	13.5
	J	2	P5966-84 / LED11DAV3/827W	Progress Decorative Wall Mount Outdoor Sconce Unit w/GE A19 LED Lamp	9.4
	P	1	H-18110-119/HL-A-119/13/LED2/40/D/BC M-M	Hi-Lite H-18110 Series Wall Mount Angled Reflector LED Unit	11.9
	S	2	FFLED18	Rab Lighting FFLED Series Building Mounted LED Flood Unit	22.1

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Property Line Light Levels	+	0.6 fc	3.2 fc	0.0 fc	N/A	N/A
Site Light Levels	+	1.1 fc	13.4 fc	0.0 fc	N/A	N/A

## DESCRIPTION

The patented Lumark Crosstour™ LED Wall Pack Series of luminaires provides an architectural style with super bright, energy efficient LEDs. The low-profile, rugged die-cast aluminum construction, universal back box, stainless steel hardware along with a sealed and gasketed optical compartment make the Crosstour impervious to contaminants. The Crosstour wall luminaire is ideal for wall/surface, inverted mount for façade/canopy illumination, post/bollard, site lighting, floodlight and low level pathway illumination including stairs. Typical applications include building entrances, multi-use facilities, apartment buildings, institutions, schools, stairways and loading docks test.

## SPECIFICATION FEATURES

### Construction

Slim, low-profile LED design with rugged one-piece, die-cast aluminum hinged removable door and back box. Matching housing styles incorporate both a small and medium design. The small housing is available in 12W, 18W and 26W. The medium housing is available in the 38W model. Patented secure lock hinge feature allows for safe and easy tool-less electrical connections with the supplied push-in connectors. Back box includes three half-inch, NPT threaded conduit entry points. The universal back box supports both the small and medium forms and mounts to standard 3-1/2" to 4" round and octagonal, 4" square, single gang and masonry junction boxes. Key hole gasket allows for adaptation to junction box or wall. External fin design extracts heat from the fixture surface. One-piece silicone gasket seals door and back box. Minimum 5" wide pole for site lighting application. Not recommended for car wash applications.

### Optical

Silicone sealed optical LED chamber incorporates a custom engineered mirrored anodized reflector providing high-efficiency illumination. Optical assembly includes impact-resistant tempered glass and meets IESNA requirements for full cutoff compliance. Available in seven lumen packages; 5000K, 4000K and 3000K CCT.

### Electrical

LED driver is mounted to the die-cast housing for optimal heat sinking. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from the LED source. 12W, 18W, 26W and 38W series operate in -40°C to 40°C [-40°F to 104°F]. High ambient 50°C models available. Crosstour luminaires maintain greater than 89% of initial light output after 72,000 hours of operation. Three half-inch NPT threaded conduit entry points allow for thru-branch wiring. Back box is an authorized

Catalog #		Type	
Project	Primrose School		C
Comments		Date	
Prepared by			

electrical wiring compartment.

Integral LED electronic driver incorporates surge protection. 120-277V 50/60Hz or 347V 60Hz models.

### Finish

Crosstour is protected with a Super durable TGIC carbon bronze or summit white polyester powder coat paint. Super durable TGIC powder coat paint finishes withstand extreme climate conditions while providing optimal color and gloss retention of the installed life.

### Warranty

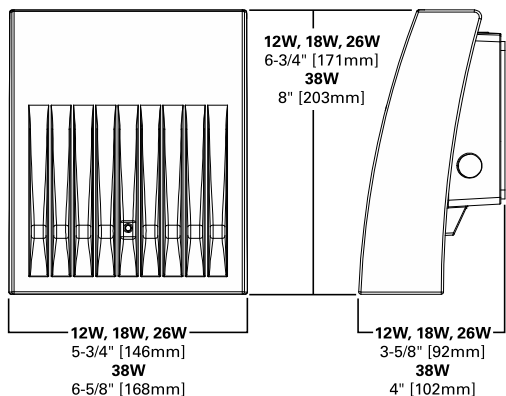
Five-year warranty.



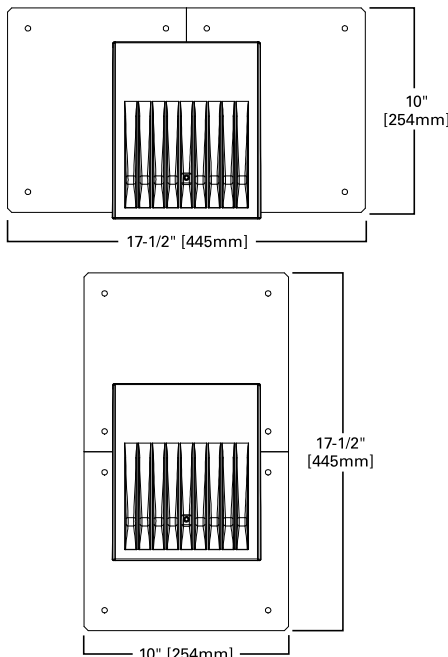
## XTOR CROSTOUR LED

**APPLICATIONS:**  
WALL / SURFACE  
POST / BOLLARD  
LOW LEVEL  
FLOODLIGHT  
INVERTED  
SITE LIGHTING

## DIMENSIONS



## ESCUTCHEON PLATES



## CERTIFICATION DATA

UL/cUL Wet Location Listed  
LM79 / LM80 Compliant  
ROHS Compliant  
ADA Compliant  
NOM Compliant Models  
IP66 Ingressed Protection Rated  
Title 24 Compliant  
DesignLights Consortium® Qualified\*

## TECHNICAL DATA

40°C Maximum Ambient Temperature  
External Supply Wiring 90°C Minimum

## EPA

Effective Projected Area (Sq. Ft.):  
XTOR1B, XTOR2B, XTOR3B=0.34  
XTOR4B=0.45

## SHIPPING DATA:

Approximate Net Weight:  
3.7 – 5.25 lbs. [1.7 – 2.4 kgs.]

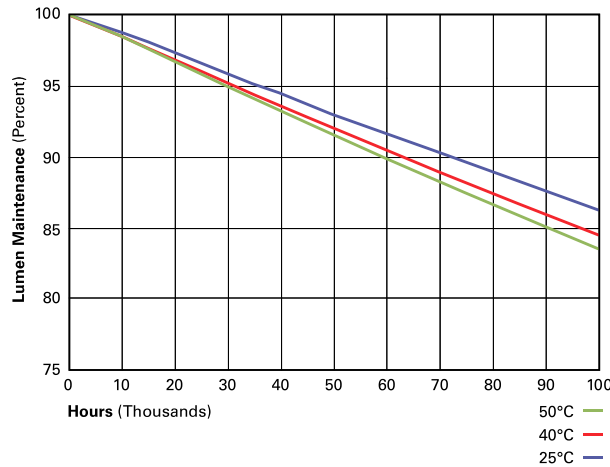
**POWER AND LUMENS BY FIXTURE MODEL**

LED Information	XTOR1B	XTOR1B-W	XTOR1B-Y	XTOR2B	XTOR2B-W	XTOR2B-Y	XTOR3B	XTOR3B-W	XTOR3B-Y	XTOR4B	XTOR4B-W	XTOR4B-Y
Delivered Lumens (Wall Mount)	1,418	1,396	1,327	2,135	2,103	1,997	2,751	2,710	2,575	4,269	4,205	3,995
Delivered Lumens (With Flood Accessory Kit) <sup>1</sup>	1,005	990	940	1,495	1,472	1,399	2,099	2,068	1,965	3,168	3,121	2,965
B.U.G. Rating <sup>2</sup>	B1-U0-G0	B1-U0-G0	B1-U0-G0	B1-U0-G0	B1-U0-G0	B1-U0-G0	B1-U0-G0	B1-U0-G0	B1-U0-G0	B2-U0-G0	B2-U0-G0	B2-U0-G0
CCT (Kelvin)	5,000	4,000	3,000	5,000	4,000	3,000	5,000	4,000	3,000	5,000	4,000	3,000
CRI (Color Rendering Index)	70	70	70	70	70	70	70	70	70	70	70	70
Power Consumption (Watts)	12W	12W	12W	18W	18W	18W	26W	26W	26W	38W	38W	38W

NOTES: 1 Includes shield and visor. 2 B.U.G. Rating does not apply to floodlighting.

**LUMEN MAINTENANCE**

Ambient Temperature	TM-21 Lumen Maintenance (72,000 Hours)	Theoretical L70 (Hours)
<b>XTOR1B Model</b>		
25°C	> 90%	255,000
40°C	> 89%	234,000
50°C	> 88%	215,000
<b>XTOR2B Model</b>		
25°C	> 89%	240,000
40°C	> 88%	212,000
50°C	> 87%	196,000
<b>XTOR3B Model</b>		
25°C	> 89%	240,000
40°C	> 88%	212,000
50°C	> 87%	196,000
<b>XTOR4B Model</b>		
25°C	> 89%	222,000
40°C	> 87%	198,000
50°C	> 87%	184,000



**CURRENT DRAW**

Voltage	Model Series			
	XTOR1B	XTOR2B	XTOR3B	XTOR4B
120V	0.103A	0.15A	0.22A	0.34A
208V	0.060A	0.09A	0.13A	0.17A
240V	0.053A	0.08A	0.11A	0.17A
277V	0.048A	0.07A	0.10A	0.15A
347V	0.039A	0.06A	0.082A	0.12A

**ORDERING INFORMATION**

Sample Number: XTOR2B-W-WT-PC1

Series <sup>1</sup>	LED Kelvin Color	Housing Color	Options (Add as Suffix)	Accessories (Order Separately)
<b>XTOR1B</b> =Small Door, 12W <b>XTOR2B</b> =Small Door, 18W <b>XTOR3B</b> =Small Door, 26W <b>XTOR4B</b> =Medium Door, 38W	<b>[Blank]</b> =Bright White (Standard), 5000K <b>W</b> =Neutral White, 4000K <b>Y</b> =Warm White, 3000K	<b>[Blank]</b> =Carbon Bronze (Standard) <b>WT</b> =Summit White <b>BK</b> =Black <b>BZ</b> =Bronze <b>AP</b> =Grey <b>GM</b> =Graphite Metallic <b>DP</b> =Dark Platinum	<b>PC1</b> =Photocontrol 120V <sup>2</sup> <b>PC2</b> =Photocontrol 208-277V <sup>2,3</sup> <b>347V</b> =347V <sup>4</sup> <b>HA</b> =50°C High Ambient <sup>4</sup>	<b>WG/XTOR</b> =Wire Guard <sup>5</sup> <b>XTORFLD-KNC</b> =Knuckle Floodlight Kit <sup>6</sup> <b>XTORFLD-TRN</b> =Trunnion Floodlight Kit <sup>6</sup> <b>XTORFLD-KNC-WT</b> =Knuckle Floodlight Kit, Summit White <sup>6</sup> <b>XTORFLD-TRN-WT</b> =Trunnion Floodlight Kit, Summit White <sup>6</sup> <b>EWP/XTOR</b> =Escutcheon Wall Plate, Carbon Bronze <b>EWP/XTOR-WT</b> =Escutcheon Wall Plate, Summit White

**NOTES:**

1. DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to [www.designlights.org](http://www.designlights.org) for details.
2. Photocontrols are factory installed.
3. Order PC2 for 347V models.
4. Thru-branch wiring not available with HA option or with 347V. XTOR3B not available with HA and 347V or 120V combination.
5. Wire guard for wall/surface mount. Not for use with floodlight kit accessory.
6. Floodlight kit accessory supplied with knuckle (KNC) or trunnion (TRN) base, small and large top visors and small and large impact shields.

**STOCK ORDERING INFORMATION**

12W Series	18W Series	26W Series	38W Series
<b>XTOR1B</b> =12W, 5000K, Carbon Bronze	<b>XTOR2B</b> =18W, 5000K, Carbon Bronze	<b>XTOR3B</b> =26W, 5000K, Carbon Bronze	<b>XTOR4B</b> =38W, 5000K, Carbon Bronze
<b>XTOR1B-WT</b> =12W, 5000K, Summit White	<b>XTOR2B-W</b> =18W, 4000K, Carbon Bronze	<b>XTOR3B-W</b> =26W, 4000K, Carbon Bronze	<b>XTOR4B-W</b> =38W, 4000K, Carbon Bronze
<b>XTOR1B-PC1</b> =12W, 5000K, 120V PC, Carbon Bronze	<b>XTOR2B-WT</b> =18W, 5000K, Summit White	<b>XTOR3B-WT</b> =26W, 5000K, Summit White	<b>XTOR4B-WT</b> =38W, 5000K, Summit White
<b>XTOR1B-W</b> =12W, 4000K, Carbon Bronze	<b>XTOR2B-PC1</b> =18W, 5000K, 120V PC, Carbon Bronze	<b>XTOR3B-PC1</b> =26W, 5000K, 120V PC, Carbon Bronze	<b>XTOR4B-PC1</b> =38W, 5000K, 120V PC, Carbon Bronze
	<b>XTOR2B-W-PC1</b> =18W, 4000K, 120V PC, Carbon Bronze	<b>XTOR3B-W-PC1</b> =26W, 4000K, 120V PC, Carbon Bronze	<b>XTOR4B-W-PC1</b> =38W, 4000K, 120V PC, Carbon Bronze
	<b>XTOR2B-347V</b> =18W, 5000K, Carbon Bronze, 347V	<b>XTOR3B-347V</b> =26W, 5000K, Carbon Bronze, 347V	<b>XTOR4B-347V</b> =38W, 5000K, Carbon Bronze, 347V
	<b>XTOR2B-WT-PC1</b> =18W, 5000K, 120V PC, Summit White	<b>XTOR3B-PC2</b> =26W, 5000K, 208-277V PC, Carbon Bronze	

**DESCRIPTION**

The H7 recessed housing is the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. H7ICT is for installations where the housing will be in direct contact with insulation.

**JOB: PRIMROSE SCHOOL**  
**TYPE: D**

**DESIGN FEATURES**

**Housings**

Aluminum construction for greater heat dissipation.

**Socket Plate**

Rigid socket plate adjusts and locks without tools for various lamp sizes.

**Plaster Frame**

Housing adjusts in plaster frame to accommodate up to 1-3/4" ceiling thickness. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame Galvanized steel construction. The housing can be removed from plaster frame to provide access to the junction box.

**Junction Box**

Junction box features include:

- Listed for through branch circuit wiring
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ connectors allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wider range of non-metallic sheathed cable – the standard cable types used in lighting for both U.S. and Canada.

- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made
- accommodates the following standard non-metallic sheathed cable types: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2

**GOT NAIL! Pass -N-Thru™ Bar Hangers**

Bar Hanger Features include:

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary.
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails
- Housing can be positioned at any point within 24" joist span
- Score lines allow "toolless" shortening for 12" joists
- Bar hangers may be repositioned 90°
- Bar hangers do not need to be removed from frame for shortening
- Integral T-bar clips snaps onto T-bars - no additional clips required

**Socket**

Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.

**Thermal Protector**

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

**Labels**

- UL/cUL Listed
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Direct Contact with insulation and combustible material\*



**H7ICT**

**6" Insulated Ceiling Recessed Housing**

**6" TRIMS**

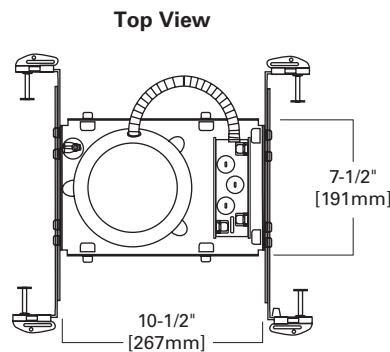
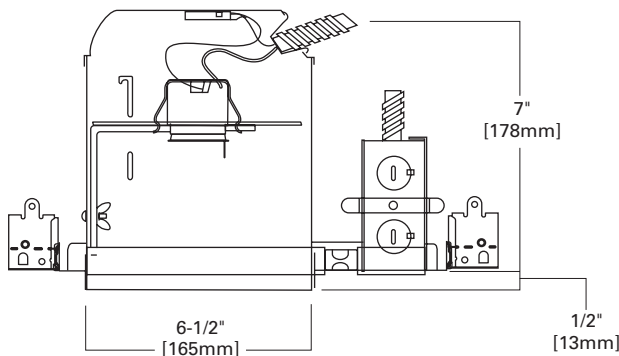
**FOR USE IN INSULATED CEILINGS**

**FOR DIRECT CONTACT WITH INSULATION\***

This housing is Air-Tite™ when used with the following trims:

- 170PS
- 171PS
- 173PS
- 78PAT
- 30 (All Styles)
- 430 (All Styles)
- ERT712 (All Styles)
- ERT713 (All Styles)
- ERT721
- ERT723
- ERT725 (All Styles)

\* Not to be used in direct contact with spray foam insulation.



**ORDERING INFORMATION**

**SAMPLE NUMBER:** H7ICT - 426RG  
Order housing, trim and accessories separately.

Housing	6" Trims	
<p><b>H7ICT</b> = 6" insulated ceiling housing</p>	<p><b>30 Super Trim™ Air-Tite™ Reflector (60W A19, 65W BR30, 65W PAR38, 75W PAR30, 75W R30, 75W PAR30L, 90W BR40)</b> 30CAT = White trim, specular clear reflector 30HAT = White trim, haze reflector 30RGAT = White trim, residential gold reflector OD: 7-1/4" [184mm]</p> <p><b>30SBAT Super Trim™ Air-Tite™ Reflector (40W A19, 50W PAR30, 50W PAR38, 65W BR30, 75W PAR30L, 75W R30)</b> 30SBAT = Specular black reflector, Air-Tite™ OD: 7-1/4" [184mm]</p> <p><b>404 Specular Reflector (60W A19)</b> 404C = White trim, specular clear reflector 404H = White trim, haze reflector 404RG = White trim, residential gold reflector 404SN = Satin nickel trim, satin nickel reflector 404TBZ = Tuscan bronze trim &amp; reflector OD: 7-1/4" [184mm]</p> <p><b>426 Reflector Cone (50W PAR30, 75W R30, 65W BR30, 75W PAR30L)</b> 426 = White trim, specular clear reflector 426H = White trim, haze reflector 426RG = White trim, residential gold reflector 426CG = White trim, champagne gold reflector 426MB = White trim, specular black reflector 426SN = Satin nickel trim &amp; reflector 426TBZ = Tuscan bronze trim &amp; reflector OD: 7-1/4" [184mm]</p> <p><b>429 Dayform White Cone (50W PAR30, 75W R30, 65W BR30, 75W PAR30L)</b> 429P = White cone OD: 7-1/4" [184mm]</p> <p><b>430 Wall Wash with Baffle and Full Reflector, Air-Tite™ (40W A19)</b> 430P = White trim, black baffle 430W = White trim, white baffle OD: 7-1/4" (184mm)</p> <p><b>4041 Self Flanged Reflector (60W A19)</b> 4041P = White self flanged reflector OD: 7-1/4" [165mm]</p> <p><b>4261 Self Flanged Reflector Cone (45W PAR38, 50W PAR30, 75W R30, 75W PAR30L)</b> 4261P = White self flanged reflector cone OD: 7-1/4" [184mm]</p> <p><b>312 Coilex® Baffle (50W PAR30, 65W BR30, 75W PAR30L, 75W R30)</b> 312P = White trim, black baffle 312W = White trim, white baffle OD: 7-1/4" (184mm)</p> <p><b>30 Super Trim™ Air-Tite™ Baffle (40W A19, 65W BR30, 75W R30, 75W PAR30, 75W PAR30L, 65W PAR38, 90W BR40)</b> 30PAT = White trim, black baffle, clear reflector 30SNAT = Satin nickel trim, baffle &amp; reflector 30TBZAT = Tuscan bronze trim, baffle &amp; reflector 30WAT = White trim, baffle &amp; reflector 30WATH = White trim &amp; baffle, clear reflector OD: 7-1/4" [184mm]</p> <p><b>310 Coilex® Baffle (45W PAR38, 50W PAR30, 65W BR30, 75W R30, 75W PAR30L)</b> 310P = White trim, black baffle 310PG = Wide white trim, black baffle 310W = White trim, white baffle 310WG = Wide white trim, white baffle 310SN = Satin nickel trim, black baffle 310TBZ = Tuscan bronze trim, black baffle 310W, P, SN, TBZ - OD: 7 1/4" [184mm], 310WG, PG - OD 8" [203mm]</p> <p><b>353 Metal Baffle (50W PAR30, 65W BR30, 75W PAR30L, 75W R30)</b> 353SN = Satin nickel trim &amp; baffle 353TBZ = Tuscan bronze trim &amp; baffle OD: 7-1/4" [184mm]</p>	<p><b>376 Adjustable Gimbal - 30° Tilt (50W PAR30, 50W PAR30L)</b> 376P = White trim, clear specular splay 376W = White trim &amp; splay OD: 7-1/4" [184mm]</p> <p><b>378 Adjustable with Splay - 25° Tilt (35W PAR30L)</b> 378 = White trim, clear specular splay 378P = White trim &amp; splay OD: 7-1/4" [184mm]</p> <p><b>420 Regressed Eyeball - 30° Tilt (50W PAR30L, 50W PAR30, 60W BR30)</b> 420P = White trim &amp; eyeball, black baffle 420W = White trim &amp; eyeball, white baffle OD: 7-1/4" [184mm]</p> <p><b>478 Adjustable with Splay - 25° Tilt (45W PAR38)</b> 478 = White trim, clear specular splay 478P = White trim &amp; splay OD: 7-1/4" [184mm]</p> <p><b>74 Eyeball - 30° Tilt (75W PAR30)</b> 74P = White trim &amp; eyeball OD: 8" [203mm]</p> <p><b>76 Adjustable Gimbal - 30° Tilt, Screw Base Lamp (45W PAR38)</b> 76P = White trim with gimbal ring OD: 8" [203mm]</p> <p><b>77 Adjustable Eyeball - 30° Tilt (50W PAR20, 75W R20)</b> 77P = White trim &amp; eyeball OD: 8" [203mm]</p> <p><b>78 Eyeball - 30° Tilt (65W BR30, 75W R30, 75W PAR30L, 85W BR40)</b> 78P = White trim &amp; eyeball 78PAT = White trim &amp; eyeball, Air-Tite™ 78SN = Satin nickel trim &amp; eyeball 78TBZ = Tuscan bronze &amp; eyeball OD 8" [203mm]</p> <p><b>90 Double Bubble Adjustable - 60° Tilt (150W PAR38)</b> 90P = White trim &amp; eyeball OD: 8" (203mm)</p> <p><b>170 Albalite Lens &amp; Reflector (40W A19)</b> 170P = White trim, frosted albalite glass lens 170PS = White trim, frosted albalite glass lens, wet location listed &amp; Air-tite™ OD 8" [203mm]</p> <p><b>171 Drop Opal Lens with Reflector (40W A19)</b> 171P = White trim with drop opal lens 171PS = White trim with drop opal lens, wet location listed &amp; Air-Tite™ OD 8" [203mm]</p> <p><b>172 Dome Lens with Reflector, Wet Location Listed, Air-Tite™ (50W PAR30, 60W A19)</b> 172PS = White trim with frosted glass dome 172SNS = Satin nickel trim with frosted glass dome 172TBZS = Tuscan bronze trim with frosted glass dome OD: 7-3/4" [197mm]</p> <p><b>173 Fresnel Lens with Reflector (40W A19)</b> 173P = White trim with glass fresnel lens 173PS = White trim with glass fresnel lens, wet location listed &amp; Air-Tite™ OD 8" [203mm]</p> <p><b>300 Open Trim with Socket Report (65W BR30, 75W PAR30, 75W PAR30L)</b> 300P = White trim ring 300SN = Satin nickel trim ring 300TBZ = Tuscan bronze trim ring OD: 7-1/4" [184mm]</p> <p><b>327 White Splay Trim (65W BR30, 75W PAR30, 75W PAR30L)</b> 327P = White splay trim with socket support &amp; torsion springs OD: 8" (203mm)</p> <p><b>328 White Splay Trim (65W BR30, 75W PAR30, 75W PAR30L)</b> 90P = White trim &amp; eyeball OD: 8" (203mm)</p> <p><b>ERT712 White Reflector, Air-Tite™ (40W A19, 65W BR30, 75W PAR30, 75W PAR30L, 75W R30, 90W BR40)</b> ERT712TS = High gloss appliance white trim with white reflector, torsion springs ERT712 = High gloss appliance white trim with white reflector OD: 7-1/4" [184mm]</p> <p><b>ERT713 Black Metal Baffle, Air-Tite™ (40W A19, 65W BR30, 75W PAR30, 75W PAR30L, 90W BR40)</b> ERT713 = High gloss appliance white trim with black baffle ERT713TS = High gloss white trim with black baffle, torsion spring OD: 7-1/4" [184mm]</p> <p><b>ERT713L Black Metal Baffle, Air-Tite™ (75W BR40, 65W BR30, 75 PAR30L)</b> ERT713L = High gloss appliance white trim with black baffle ERT713LTS = High gloss white trim with black baffle, torsion spring OD: 7-1/4" [184mm]</p> <p><b>ERT713WHT White Metal Baffle, Air-Tite™ (40W A19, 65W BR30, 75W R30, 75W PAR30, 75W PAR30L, 90W BR30)</b> ERT713WHT = High gloss appliance white trim with white baffle ERT713WHTTS = High gloss white trim with white baffle, torsion spring OD: 7-1/4" [184mm]</p> <p><b>ERT721 Showerlight with Frosted Lens and Reflector, Air-Tite™ (40W A19)</b> ERT721 = High gloss appliance white trim with frosted glass lens OD: 8" [203mm]</p> <p><b>ERT723 Showerlight with Fresnel Lens Reflector, Air-Tite™ (40W A19)</b> ERT723 = High gloss appliance white trim with fresnel glass lens OD: 8" [203mm]</p> <p><b>ERT725 Metal Baffle/Splay, Air-Tite™ (50W PAR30L, 65W BR30, ERTWHT also 40W A19, 75W PAR30L)</b> ERT725 = High gloss appliance white trim with black baffle ERT725TS = High gloss white trim with black baffle, torsion spring ERT725WHT = High gloss appliance white trim with white baffle ERT725WHTTS = High gloss appliance white trim with white baffle, torsion spring OD: 7-1/4" [184mm]</p>
<b>Accessories</b>		
<p><b>Designer Trim Ring</b> See accessories section in the PSG for compatible trims TRM6C = Chrome TRM6MB = Black Metal TRM6P = White Metal TRM6SN = Satin Nickel TRM6TBZ = Tuscan Bronze TRM6MB = Black Plastic</p> <p><b>Oversize Trim Ring</b> For use when ceiling opening is cut too large. See accessories section in PSG for compatible trims. OT400P = 6" I.D. x 9 1/4" O.D. Oversized White Metal Trim Ring OT403P = 6" I.D. x 8" O.D. Oversized White Plastic Trim Ring</p> <p><b>R/PAR Aiming Mechanism 30° Tilt, 358° Rotation</b> Accessory for 310 and 426 Trims (Allows 30° tilt and 358° rotation. 50W PAR30) H930 = R/PAR Lamp Aiming</p>		



JOB: PRIMROSE SCHOOL  
TYPE: D

# LED Dimmable Recessed Retrofits

TCP's Dimmable Retrofit Kits are the perfect choice for new construction, and retrofit opportunities when a sleek, integrated look is preferred.

## Limitless options for the following applications:

- Dimmable 6", 5" & 4" downlight applications.

## Great features and benefits:

- 85W BR30/BR40, 65W BR30/BR40, and 50W R20 downlight replacement options.
- ENERGY STAR® rated.
- Smooth, uniform dimming from 100% - 0.5%.
- Highly efficient LEDs and Driver.
- Long Life: 35,000 hours.
- Consistent color within 3 MacAdam ellipse tolerance.
- Easy installation—pigtail and spring clips.



4" Dimmable Recessed Retrofit

5" & 6" Dimmable Recessed Retrofits



LED  
we know light.™



# LED Dimmable Recessed Retrofits Specifications

<b>LED</b>	35,000 Hours average rated life, 120Volts
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### Applications:

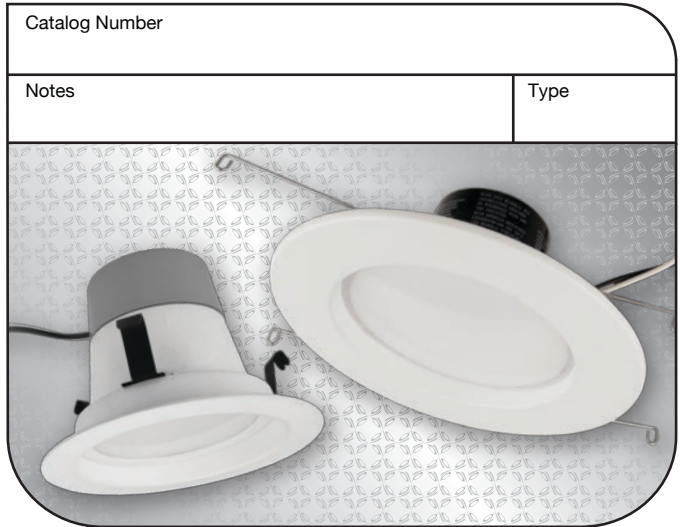
Ideal for dimmable 6", 5" & 4" downlight applications



Perfect for retrofit or new construction recessed downlight applications

### Features and Benefits

- Ideal for replacing dimmable 65W and 85W incandescent alternatives in 5" and 6" recessed cans.
- 4" unit ideal for replacing 50W incandescent alternatives in a 4" recessed can.
- Exceeds all industry standards – ENERGY STAR® rated.
- Smooth, uniform dimming.
- Highly efficient LEDs and Driver.
- Long Life: 35,000 hours.
- Consistent color within 3 MacAdam ellipse tolerance.
- UL approved for damp locations.
- Easy installation and integrated trim.
- Shatter Resistant



### Specifications


	<b>14W</b>	<b>12W</b>	<b>10W</b>
Recessed Downlight Size:	5", 6"	5", 6"	4"
Input Line Voltage:	120 VAC	120 VAC	120 VAC
Input Power	14 W	12 W	10 W
Input Line Frequency	50/60HZ	50/60HZ	50/60HZ
Lamp Life (Rated)	35,000 hrs	35,000 hrs	35,000 hrs
Minimum Starting Temp	-20°C	-20°C	-20°C
Maximum Operating Temp	40°C	40°C	40°C



LED10DR427K  
LED10DR430K  
LED10DR441K  
LED10DR450K



LED12DR5627K LED14DR5627K  
LED12DR5630K LED14DR5630K  
LED12DR5641K LED14DR5641K  
LED12DR5650K LED14DR5650K

Warranties and Certifications:	Item #	Description	Life	Replacement	Voltage	Wattage	Lumens	LPW	CCT	CRI	Case Qty	
  <b>5 YEAR WARRANTY</b> <small>*Based on 12 hours usage per day</small>	<b>Downlight Retrofits compatible with 5" &amp; 6" recessed cans.</b>											
	LED12DR5627K	LED 12W 5"/6" Recessed Downlight - 2700K	35,000	65	120	12	650	54.2	2700K	82	6	
	LED14DR5627K	LED 14W 5"/6" Recessed Downlight - 2700K	35,000	85	120	14	800	57.1	2700K	82	6	
	LED12DR5630K	LED 12W 5"/6" Recessed Downlight - 3000K	35,000	65	120	12	670	55.8	3000K	82	6	
	LED14DR5630K	LED 14W 5"/6" Recessed Downlight - 3000K	35,000	85	120	14	820	58.6	3000K	82	6	
	LED12DR5641K	LED 12W 5"/6" Recessed Downlight - 4100K	35,000	65	120	12	670	55.8	4100K	82	6	
	LED14DR5641K	LED 14W 5"/6" Recessed Downlight - 4100K	35,000	85	120	14	820	58.6	4100K	82	6	
	LED12DR5650K	LED 12W 5"/6" Recessed Downlight - 5000K	35,000	65	120	12	670	55.8	5000K	82	6	
	LED14DR5650K	LED 14W 5"/6" Recessed Downlight - 5000K	35,000	85	120	14	820	58.6	5000K	82	6	
	<b>Downlight Retrofits compatible with 4" recessed cans.</b>											
	LED10DR427K	LED 10W 4" Recessed Downlight - 2700K	35,000	60	120	10	600	60.0	2700K	82	6	
	LED10DR430K	LED 10W 4" Recessed Downlight - 3000K	35,000	60	120	10	620	62.0	3000K	82	6	
	LED10DR441K	LED 10W 4" Recessed Downlight - 4100K	35,000	60	120	10	620	62.0	4100K	82	6	
	LED10DR450K	LED 10W 4" Recessed Downlight - 5000K	35,000	60	120	10	620	62.0	5000K	82	6	

For the most up-to-date specs, please visit [www.tcpi.com](http://www.tcpi.com)



## DESCRIPTION

The Prevail™ LED pole and fixture combination makes selection and installation of poles and fixtures simple. Included is the die-cast Prevail area, site and roadway luminaire with standard mounting arm, square straight steel pole, anchor bolts, base cover, template and hardware. Stock configurations are available in single and dual fixture combinations. The Prevail luminaire delivers a new level of versatility and value in patent pending, architectural design that delivers energy savings greater than 85% and replaces 150-450W metal halide fixtures. The Prevail fixture and pole combo is ideal for general area/site lighting applications.

## SPECIFICATION FEATURES

### Construction

Construction is comprised of a heavy-duty, single-piece die-cast aluminum housing in dark bronze polyester powder paint. The die-cast aluminum door is tethered to provide easy access to the driver if replacement is required. The optics is mounted on a versatile, aluminum plate that dissipates heat from the LEDs resulting in longer life of the fixture. The fixture is IP66 and 3G vibration rated (ANSI C136.31).

### Optics

Available in Type III and IV distributions with lumen packages ranging from 7,000 to 20,000 nominal lumens. Light engine configurations consist of 1 or 2 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/50,000 hours at 25°C) per IESNA TM-21. For the ultimate level of spill light control, an optional house side shield accessory can be field or factory installed.

### Electrical

Available in 120-277V 50/60Hz. 10kV/10kA surge protection standard. 0-10V dimming driver is standard with leads external to the fixture to accommodate controls capability such as dimming and occupancy. Suitable for ambient temperatures from -40°C to 40°C.

### Mounting

The versatile, patent pending, standard mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the standard mounting arm enables wiring of the fixture without having to access the driver compartment. A knock-out on the standard mounting arm enables round pole mounting.

Catalog #		Type	
Project	Primrose School		T
Comments		Date	
Prepared by			

### Pole

Shaft is one-piece construction ASTM A500 grade "B" steel, shot blasted and finished in dark bronze polyester powder coat. Anchor base is fabricated from ASTM grade steel. ASTM A366 steel full base cover is provided to enclose base plate and anchor bolts. Anchor bolts are per ASTM A576 with two nuts, two flat washers, and one lock washer. Hardware and threaded portion of bolt are hot dip galvanized. 3" hook for 3/4" bolt. 4" hook for 1" bolt.

### Finish

Housing and cast parts finished in five-stage super TGIC polyester bronze powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear.

### Warranty

Five-year warranty.

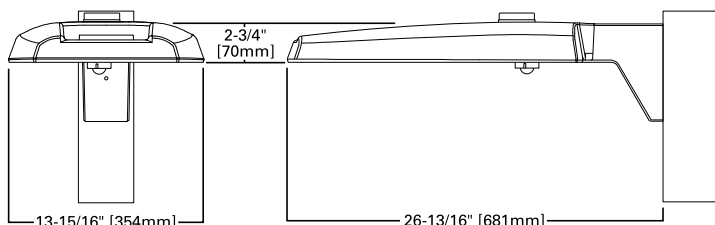


## PFPRV PREVAIL POLE AND FIXTURE COMBO

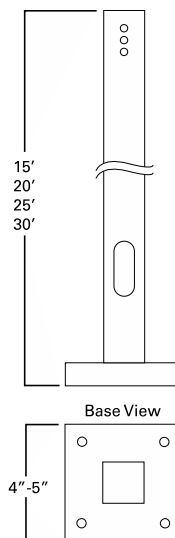
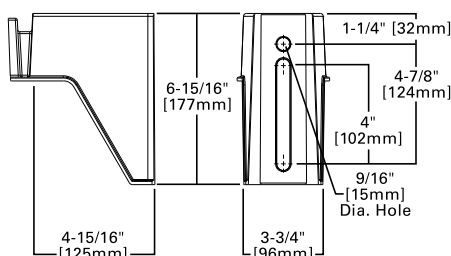
LED

POLE AND FIXTURE COMBO

## DIMENSIONS



## POLE MOUNT ARM



## CERTIFICATION DATA

UL and cUL Wet Location Listed  
IP66-Rated  
3G Vibration Rated  
ISO 9001

## ENERGY DATA

Electronic LED Driver  
0.9 Power Factor  
<20% Total Harmonic Distortion  
120-277V/50 and 60Hz,  
347V/60Hz, 480V/60Hz  
-40°C Minimum Temperature Rating  
+40°C Ambient Temperature Rating

## EPA

Effective Projected Area (Sq. Ft.): 0.75  
(1 fixture)

## SHIPPING DATA

Approximate Net Weight:  
20lbs. [9.09 kgs.] (1 fixture)

**CONTROL OPTIONS**

**0-10V (D)**

This fixture is offered standard with 0-10V dimming wire leads for use with a lighting control panel or other control method.

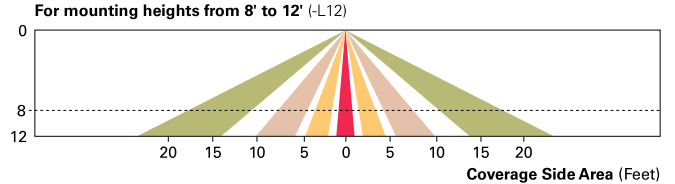
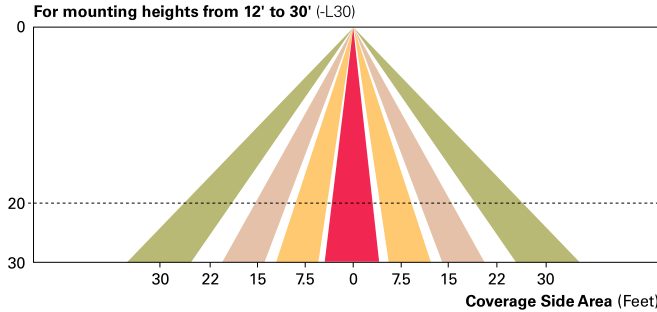
**Photocontrol (PER and PER7)**

Photocontrol receptacles provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PER7 receptacle.

**Dimming Occupancy Sensor (MSP/DIM-LXX)**

These sensors are factory installed in the luminaire housing. When a sensor for dimming operation (/DIM) is selected, the luminaire will dim down to approximately 50 percent power after five minutes of no activity detected. When activity is detected, the luminaire returns to full light output.

These occupancy sensors include an integral photocell that can be activated or inactivated with the programming remote / configuration tool for "dusk-to-dawn" control or "daylight harvesting". Note: For MSP sensors, the factory preset is ON (Enabled). The programming remote / tool is a wireless tool that can be utilized to change the dimming level, time delay, sensitivity and other parameters. A variety of sensor lenses are available to optimized the coverage pattern for mounting heights from 8'-30'.



**POWER AND LUMENS**

Light Engine		C15	C25	C40	C60
Nominal Power (Watts)		57W	87W	143W	163W
Input Current @ 120V (A)		0.43	0.80	1.09	1.32
Input Current @ 277V (A)		0.19	0.35	0.48	0.57
Type III	Lumens	7,111	13,183	17,144	20,050
	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4
Type IV	Lumens	7,088	13,140	17,087	19,984
	BUG Rating	B1-U0-G3	B2-U0-G4	B2-U0-G4	B3-U0-G5

**LUMEN MAINTENANCE**

Ambient Temperature	TM-21 Lumen Maintenance (50,000 Hours)	Theoretical L70 (Hours)
25°C	> 91.30%	> 194,000
40°C	> 87.59%	> 134,000

**LUMEN MULTIPLIER**

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99

**ORDERING INFORMATION**

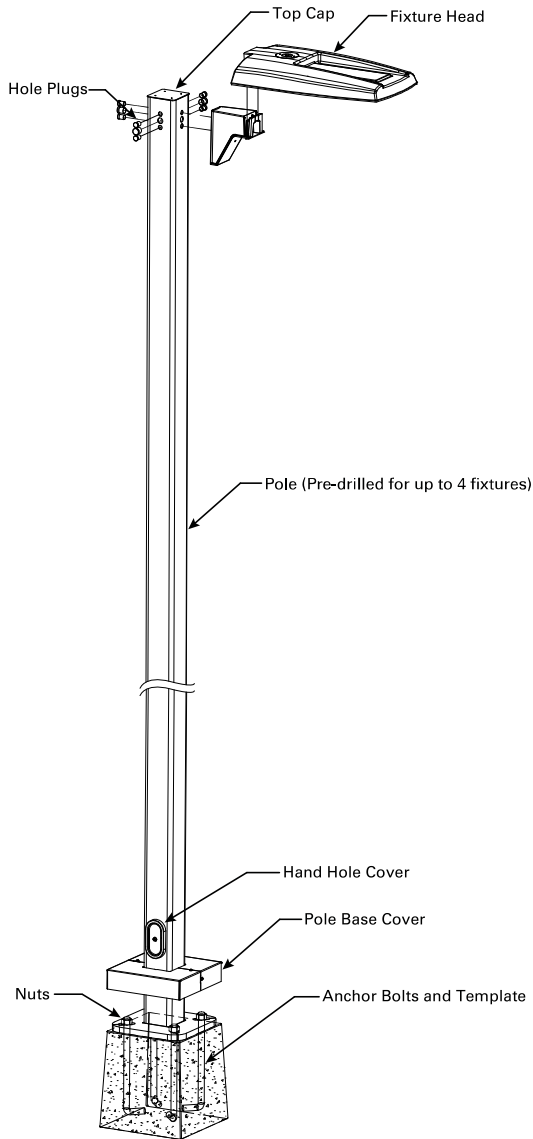
Sample Number: PFP RV-1-C25-T3-15-N/AB

Series <sup>1,2</sup>	Number of Fixtures	Light Engine	Distribution	Pole Height	Maximum Wind Zone (MPH)	Options (Add as Suffix)	Accessories (Order Separately)
PFP RV=Prevail Pole and Fixture Combo	1=1 2=2 3=3 4=4	C15=(1 LED) 7,100 Nominal Lumens C25=(2 LED) 13,100 Nominal Lumens C40=(2 LED) 17,100 Nominal Lumens C60=(2 LED) 20,000 Nominal Lumens	T3=Type III T4=Type IV	15=15' 20=20' 25=25' 30=30'	Blank=80 9=90 0=100	N/AB=No Anchor Bolts (Used when ordered separately) HSS=House Side Shield <sup>3</sup> MSP/DIM-L12=Integrated Sensor for Dimming Operation, 8' - 12' Mounting Height MSP/DIM-L30=Integrated Sensor for Dimming Operation, 12' - 30' Mounting Height PER=NEMA 3PIN Twistlock Photocontrol Receptacle <sup>4</sup> PER7=NEMA 7PIN Twistlock Photocontrol Receptacle <sup>4</sup>	HS/VERD=House Side Shield <sup>3</sup>


NOTES: 1 4000K CCT, standard bronze, 120-277V, 0-10V dimming. 2 Standard mount arm included with fixture. Supplied with straight steel shaft, anchor bolts, template, base cover and hardware. 3 HSS not available with C60 lumen package. Ordered as an option, it will come factory-installed. Ordered as a field-installable accessory, must order quantity one per optic/LED. 4 Not available with MSP options.

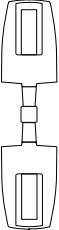
**Combo can be ordered single, double, triple and quad. Type III and IV distributions available.**

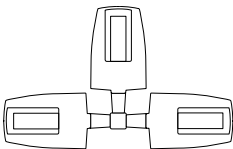
**PREVAIL POLE AND FIXTURE COMBO**

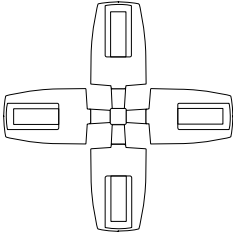


**INCLUDED POLE REFERENCE TABLES**

1 Fixture (EPA= 0.75)		Wind Zone (MPH)		
	Pole Height (Feet)	80	90	100
	15	SSS4A15SFM4 <sup>1</sup>		
	20	SSS4A20SFM4 <sup>1</sup>		
	25	SSS4A25SFM4 <sup>1</sup>	SSS5A25SFM4 <sup>2</sup>	
	30	SSS5A30SFM4 <sup>2</sup>	SSS5M30SFM4 <sup>2</sup>	

2 Fixtures (EPA= 1.50)		Wind Zone (MPH)		
	Pole Height (Feet)	80	90	100
	15	SSS4A15SFM4 <sup>1</sup>		
	20	SSS4A20SFM4 <sup>1</sup>		
	25	SSS4A25SFM4 <sup>1</sup>	SSS5A25SFM4 <sup>2</sup>	
	30	SSS5A30SFM4 <sup>2</sup>	SSS5M30SFM4 <sup>2</sup>	

3 Fixtures (EPA= 2.25)		Wind Zone (MPH)		
	Pole Height (Feet)	80	90	100
	15	SSS4A15SFM4 <sup>1</sup>		
	20	SSS4A20SFM4 <sup>1</sup>		
	25	SSS4A25SFM4 <sup>1</sup>	SSS5A25SFM4 <sup>2</sup>	
	30	SSS5A30SFM4 <sup>2</sup>	SSS5M30SFM4 <sup>2</sup>	

4 Fixtures (EPA= 3.00)		Wind Zone (MPH)		
	Pole Height (Feet)	80	90	100
	15	SSS4A15SFM4 <sup>1</sup>		
	20	SSS4A20SFM4 <sup>1</sup>		
	25	SSS4A25SFM4 <sup>1</sup>	SSS5A25SFM4 <sup>2</sup>	
	30	SSS5A30SFM4 <sup>2</sup>	SSS5M30SFM4 <sup>2</sup>	

- NOTES:**  
 1. Uses hardware kit POLSSHDWC4FCHHP.  
 2. Uses hardware kit POLSSHDWC5FCHHP.



Rectangular shaped LED floodlight designed to replace 150W Metal Halide. patent-pending "Air-Flow" technology ensures long LED and driver lifespan. Use for building façades lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze

Weight: 12.8 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type	Constant Current
120V	0.35A
208V	0.23A
240V	0.20A
277V	0.16A
Input Watts	40.60W

### LED Info

Watts	39W
Color Temp	5000K (Cool)
Color Accuracy	75 CRI
L70 Lifespan	100,000
Lumens	5,753
Efficacy	141.7 LPW

## Technical Specifications

### Listings

#### UL Listed:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. DLC Product Code: P00001709

### LED Characteristics

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### LEDs:

Long-life, high-efficacy, surface-mount LEDs

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### Color Stability:

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

#### Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

### Electrical

#### Driver:

Constant Current, Class 2, 120-277V, 50-60Hz, 120V: 0.35A, 208V: 0.23A, 240V: 0.13A, 277V: 0.11A

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

#### THD:

10.18% at 120V, 18.18% at 277V

#### Power Factor:

99% at 120V, 91.4% at 277V

#### Note:

All values are typical (tolerance +/- 10%)

### Construction

#### Lens:

Soda lime silica clear glass

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

### Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screw

### IP Rating:

Ingress Protection rating of IP66 for dust and water

### Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

### Effective Projected Area:

EPA = 0.65

### Green Technology:

Mercury and UV free. RoHS-compliant components.

## Technical Specifications (continued)

### Construction

#### Finish:

Formulated for high durability and long-lasting color

#### Other

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

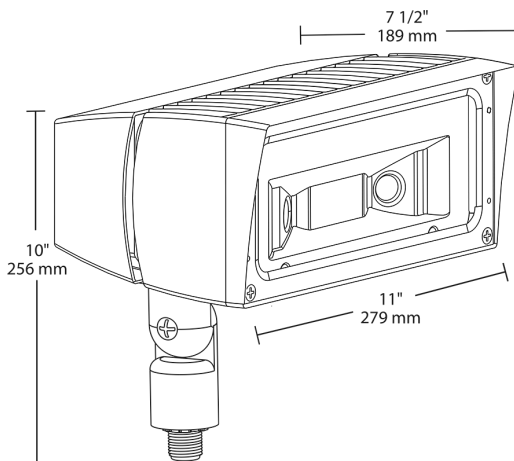
#### Patents:

The FFLED design is protected by U.S. Pat. D643,147, Canada Pat. 140798, China Pat. ZL201130171304.1, Mexico Pat. 36757 and pending patent in Taiwan.

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## Dimensions



## Features

- Ultra-efficient LED and optical design
- Replaces 150W MH floodlights
- 100,000-hour life based on LM-80 results and TM-21 calculations
- "Air-Flow" technology heatsink
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver	Options	Other Options
FFLED	39							
	18 = 18W 26 = 26W 39 = 39W 52 = 52W 80 = 80W	Blank = Swivel Arm SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = 7H x 6V B55 = 5H x 5V B44 = 4H x 4V	Blank = Bronze W = White	/D10 = 0-10V Dimming /480 = 480V On/Off <sup>2</sup> /E = 120-277V Battery Backup /EC = Cold Start Battery Backup Blank = On/Off <sup>1</sup>	Blank = No Option /PC = 120V Photocell /PC2 = 277V Photocell /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell /PCU = 120-277V Button Photocell /MS = Mini Sensor /STL3 = Stealth Sensor	Blank = Standard USA = BAA Compliant

<sup>1</sup> Dimming Driver for 18W, 26W & 39W models only  
<sup>2</sup> Not available for 80W models