
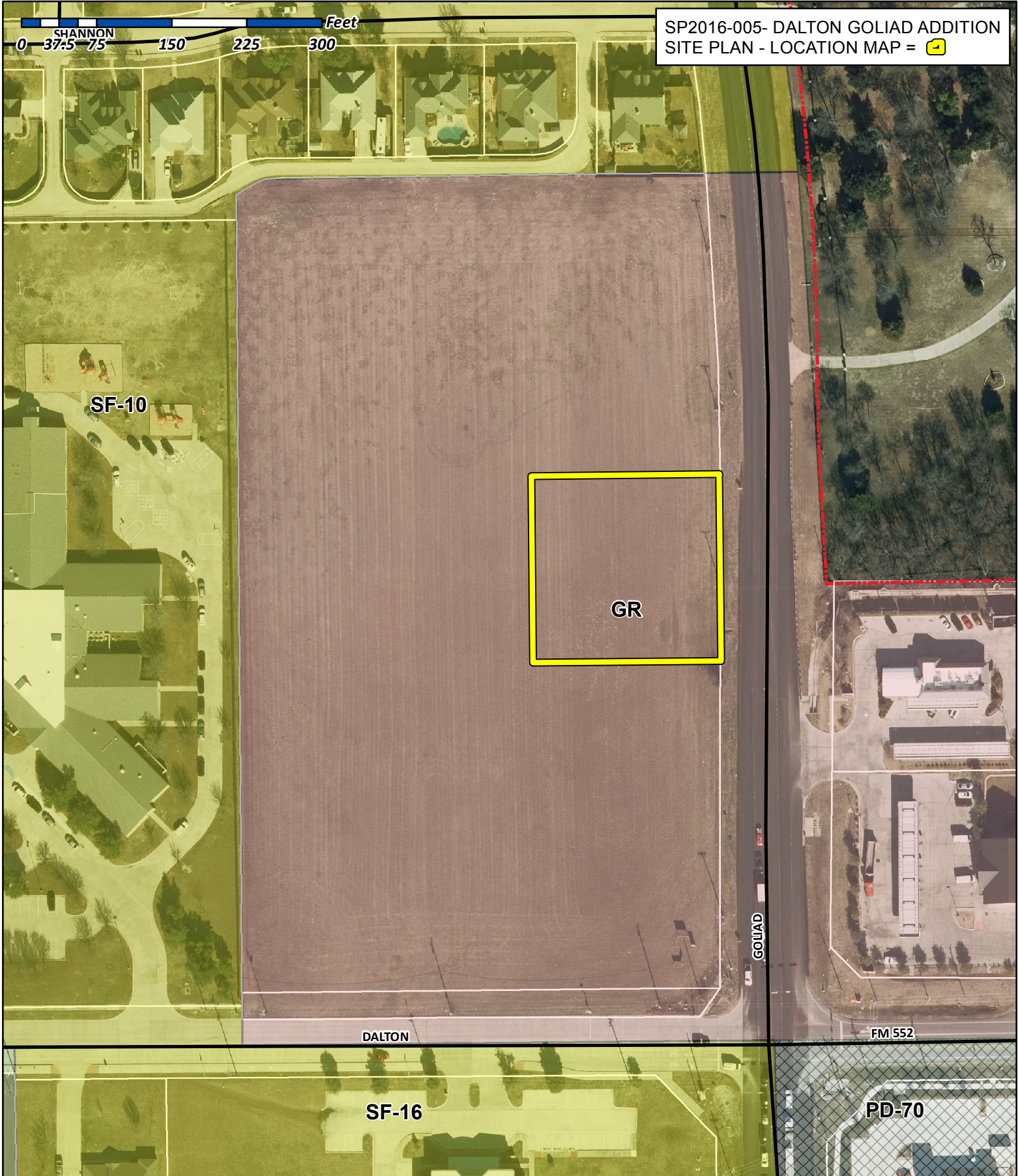




SP2016-005- DALTON GOLIAD ADDITION  
SITE PLAN - LOCATION MAP = 

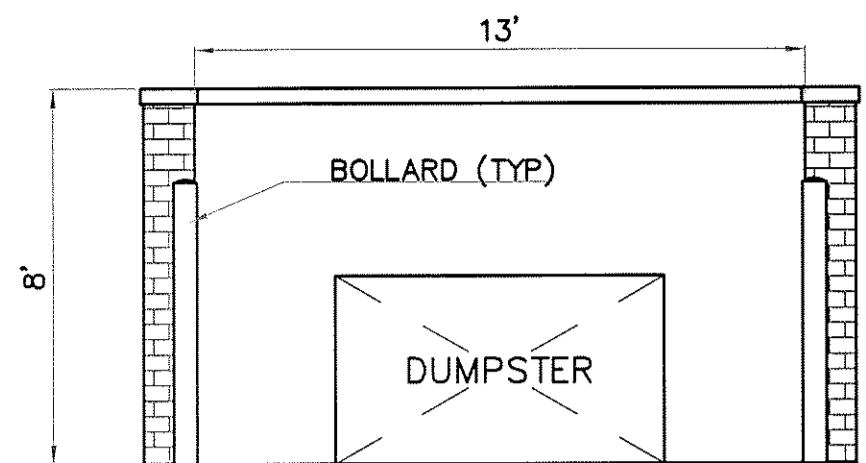


# City of Rockwall

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

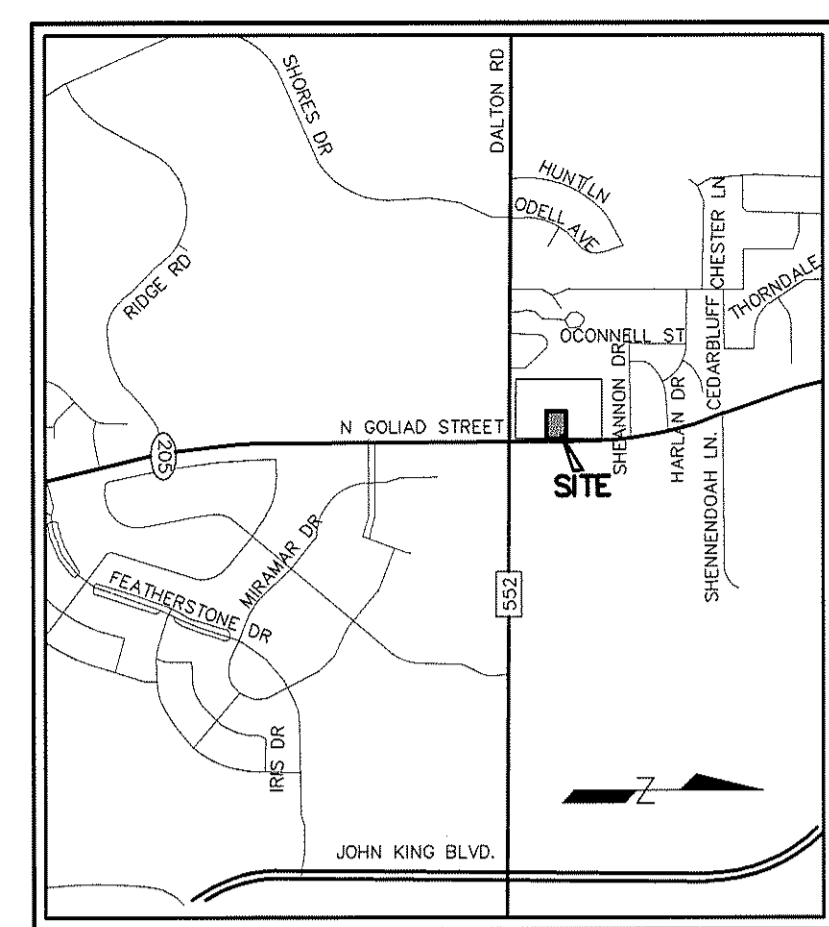
The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and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



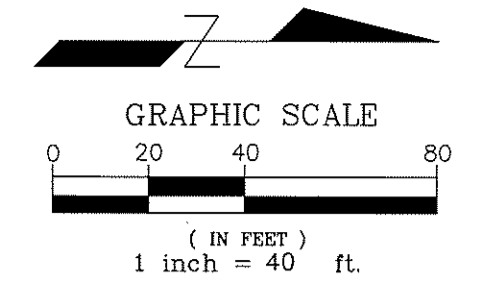


DUMPSTER ELEVATION  
SCALE: 1/4"=1'

NOTE: SEE ARCH PLANS FOR DETAILS AND MATERIALS



LOCATION MAP  
N.T.S.

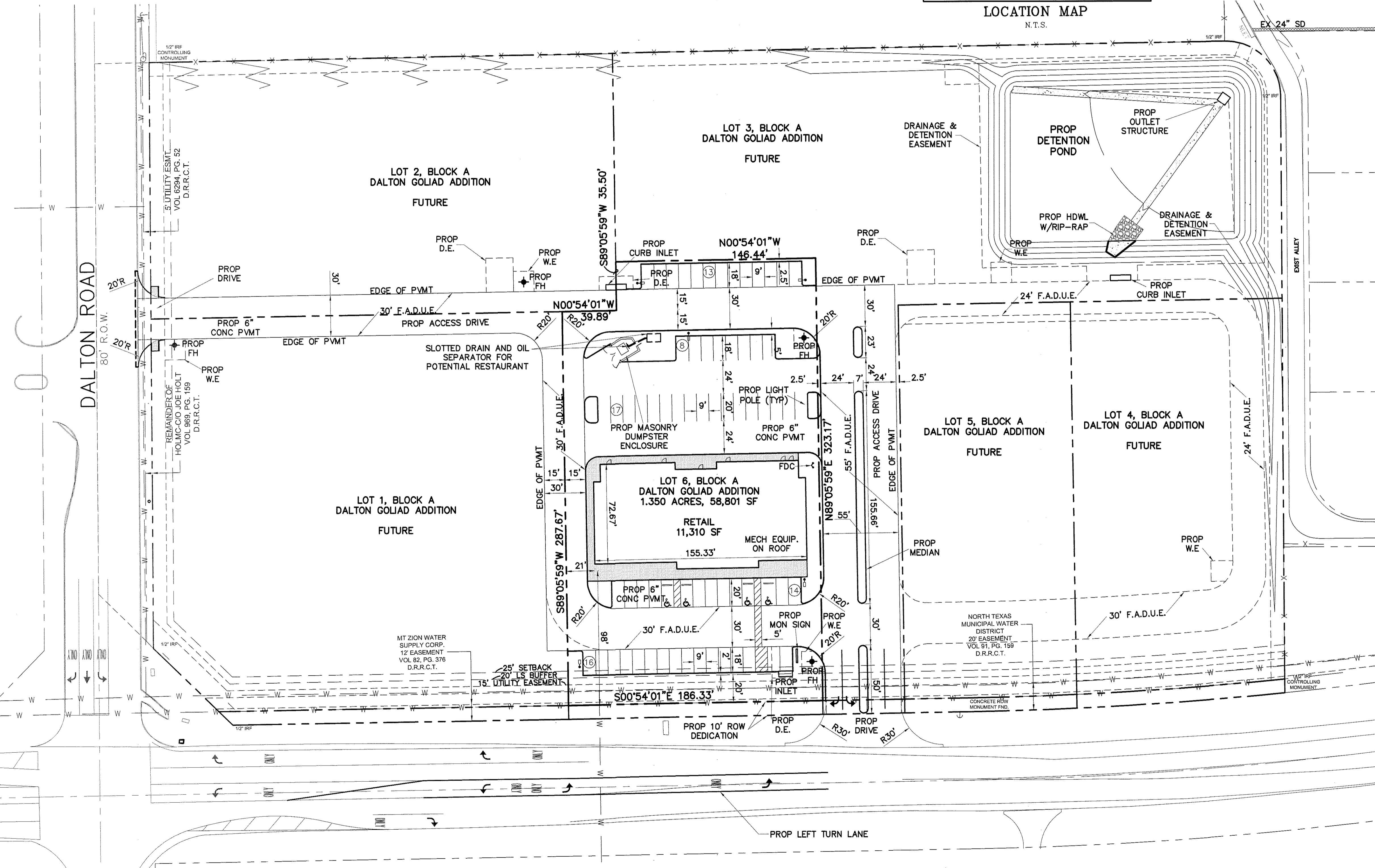


EXISTING	LEGEND	PROPOSED
---	PROPERTY LINE	---
---	PAVEMENT	---
---	SIDEWALK	---
---	LIGHT POLE	---
---	FIRE LANE, PUBLIC ACCESS, DRAINAGE & UTILITY EASEMENT	F.A.D.U.E.

BENCHMARK:  
MONUMENT 179.7' WEST OF WEST EDGE OF SH 205 PAVEMENT AND 6.8' NORTH OF BACK OF CURB DALTON ROAD. ELEVATION = 541.57'

- NOTES:
- EXISTING TOPOGRAPHY BASED ON SURVEY PREPARED BY PEISER & MANKIN SURVEYING, LLC DATED 1/14/2016.
  - SEE LANDSCAPE PLAN FOR SITE LANDSCAPING.

SITE SUMMARY TABLE	
County	ROCKWALL
Project Name	GOLIAD RETAIL
Zoning District	GR N. SH 205 OVERLAY DISTRICT
Proposed use	RETAIL STORE
Site Area:	1.350 Acres 58,801 S.F.
Building Area	11,310 S.F. (TOTAL)
Building Height:	26'2" - 1 STORY
Lot Coverage:	11,310/56,726 = 19.9%
Floor Area Ratio:	11,310/56,726 = 1:19.9
Parking Required:	2,822 SF (REST)/100 SF/SPC = 29 SPACES
	2,600 SF (DENTAL)/200SF/SPC = 13 SPACES
	5,888 SF (RTL)/250 SF/SPC = 24 SPACES
	Total = 66 SPACES
Parking Provided:	Regular = 64 SPACES
	Handicap = 4 SPACES
	Total = 68 SPACES
Impervious Area:	49,980 / 58,801 SF = 85%
Pervious Area:	8,913 / 58,801 SF = 15%



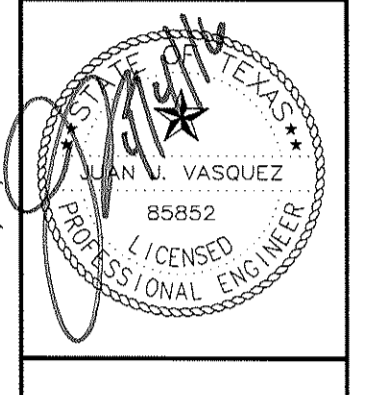
SH 205 (GOLIAD ROAD)  
VARIABLE-WIDTH ROW

ENGINEER:  
VASQUEZ ENGINEERING, L.L.C.  
1919 S. SHILOH ROAD, SUITE 440  
GARLAND, TEXAS 75042  
PHONE: 972-272-4610  
CONTACT: JUAN J. VASQUEZ, P.E.

OWNER/DEVELOPER:  
ROCKWALL 205-552, LLC  
1408 QUORUM DRIVE, SUITE 160  
DALLAS, TEXAS 75254  
PHONE: 214-402-8702  
CONTACT: JAY HOLMAN

SITE PLAN  
GOLIAD RETAIL  
LOT 6, BLOCK A  
DALTON GOLIAD ADDITION  
1.350 ACRES  
ROCKWALL, ROCKWALL COUNTY, TEXAS  
MARCH 28, 2016  
CASE #SP2016-005

VASQUEZ ENGINEERING, L.L.C.  
1919 S. Shiloh Road  
Suite 440, LB 44  
Garland, Texas 75042  
Ph: 972-272-2948  
TX Registration # F-12286

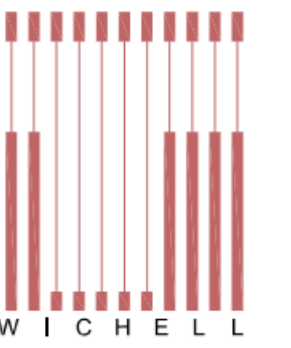


DEVELOPER:  
ROCKWALL 205-552, LLC  
1408 QUORUM DRIVE  
SUITE 160  
Dallas, TX 75254

SITE PLAN  
LOT 6, BLOCK A  
DALTON GOLIAD ADDITION  
CITY OF ROCKWALL, TEXAS

Scale: 1" = 40'  
Designed by: JUV  
Drawn by: JUV  
Checked by: JUV  
888-dwpr-retail.dwg  
Date: 04/05/2016

SHEET  
SP1

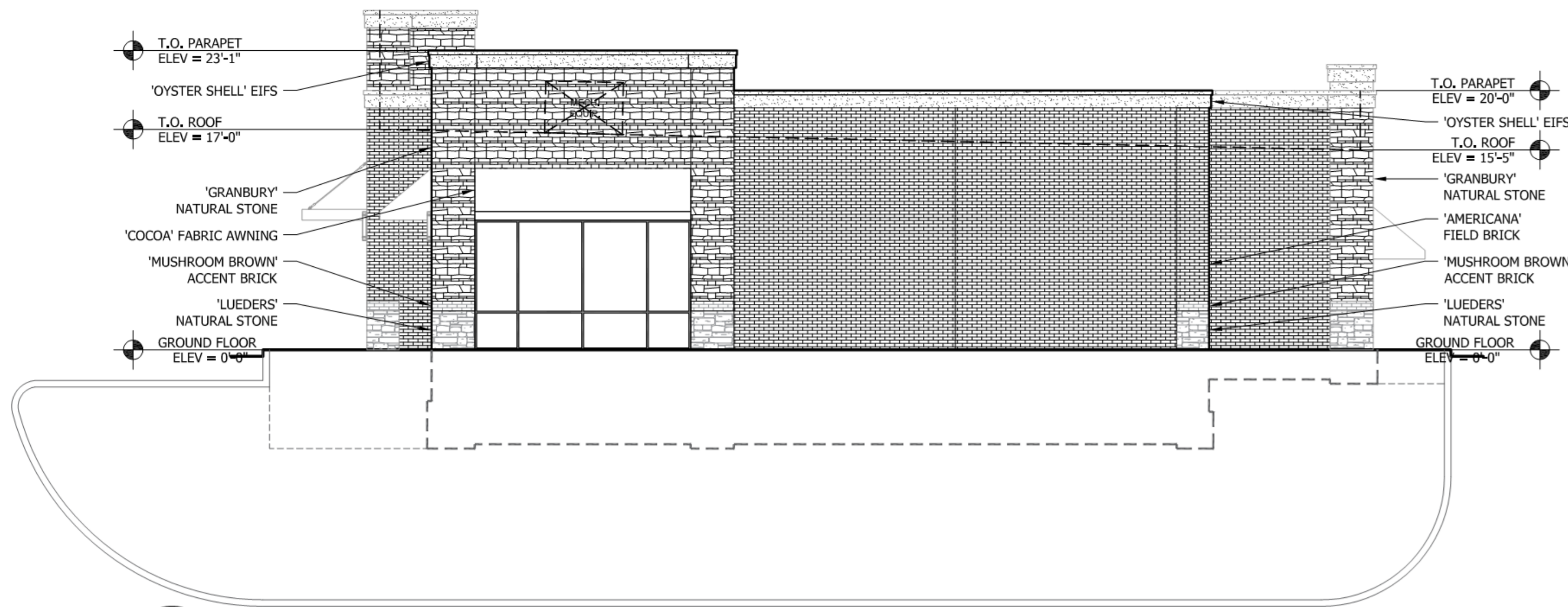


ARCHITECTURE  
PLANNING  
CONSTRUCTION  
INTERIORS

MICHAEL F. TWICHELL, L.P.

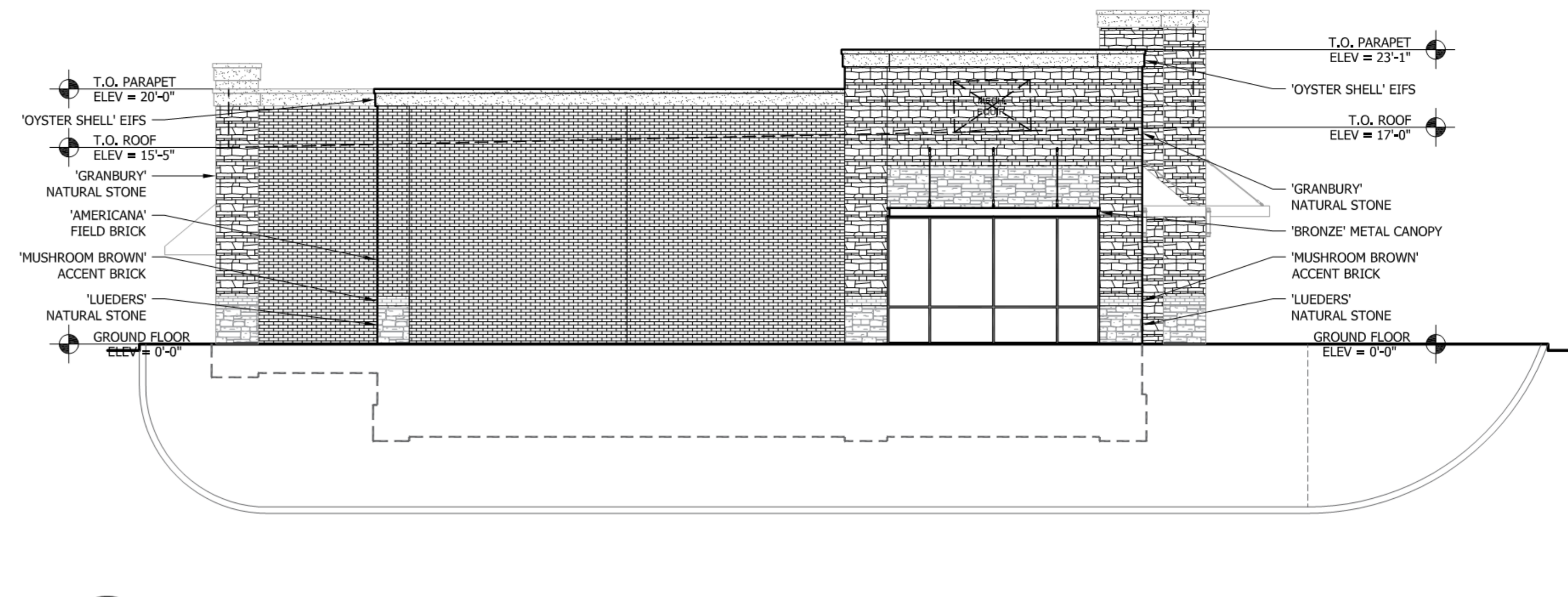
3624 OAK LAWN AVENUE, SUITE 320  
DALLAS, TEXAS 75219

OFFICE: 214-521-3066  
FAX: 214-599-0583



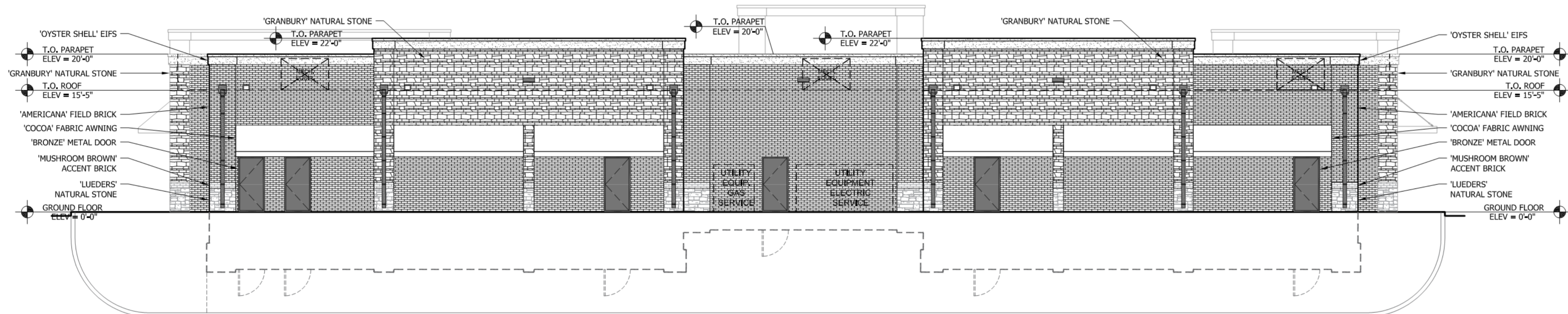
04 NORTH ELEVATION

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



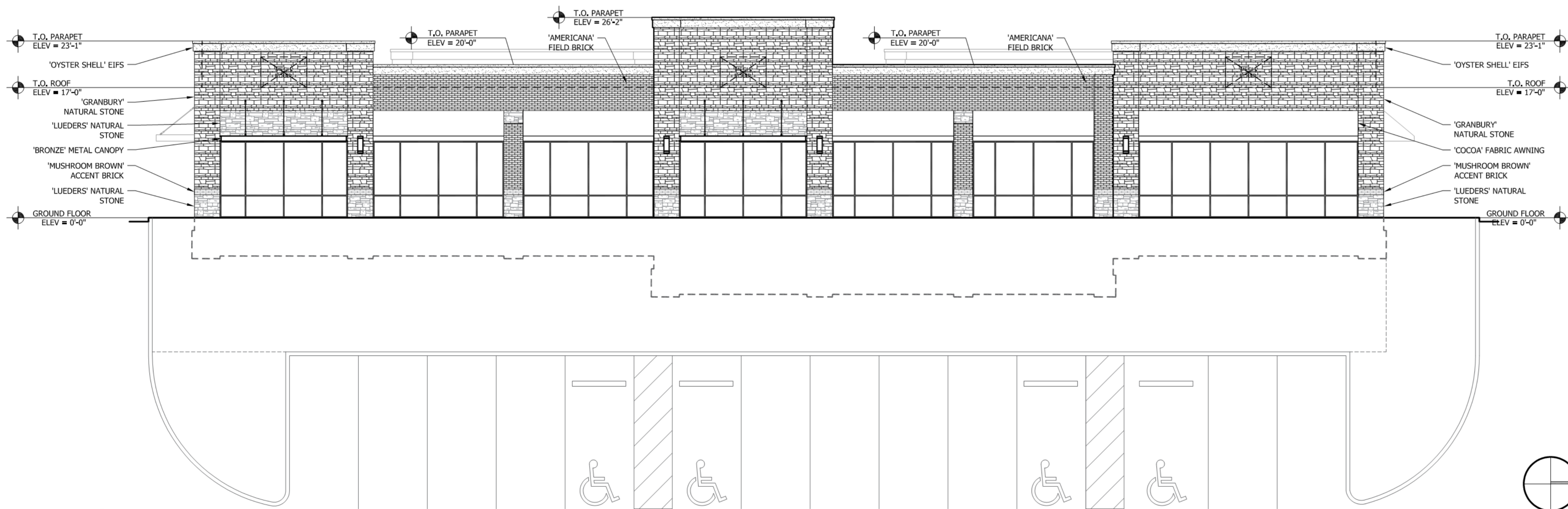
03 SOUTH ELEVATION

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



02 WEST ELEVATION

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



01 EAST ELEVATION

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

**NOTES:**  
1. ALL ROOF MOUNTED MECHANICAL EQUIPMENT WILL BE SCREEN FROM VIEW BY THE BUILDING'S PARAPETS.

**NORTH ELEVATION TABULATIONS**

MATERIAL	AREA	PERCENT
STONE	439 SF.	26.3 %
BRICK	955 SF.	57.0 %
EIFS	114 SF.	6.8 %
GLAZING	166 SF.	9.9 %
<b>TOTAL</b>	<b>1,674 SF.</b>	<b>100 %</b>

**SOUTH ELEVATION TABULATIONS**

MATERIAL	AREA	PERCENT
STONE	531 SF.	31.7 %
BRICK	863 SF.	51.6 %
EIFS	114 SF.	6.8 %
GLAZING	166 SF.	9.9 %
<b>TOTAL</b>	<b>1,674 SF.</b>	<b>100 %</b>

**WEST ELEVATION TABULATIONS**

MATERIAL	AREA	PERCENT
STONE	974 SF.	29.8 %
BRICK	1,936 SF.	59.3 %
EIFS	208 SF.	6.4 %
METAL	146 SF.	4.5 %
<b>TOTAL</b>	<b>3,264 SF.</b>	<b>100 %</b>

**EAST ELEVATION TABULATIONS**

MATERIAL	AREA	PERCENT
STONE	1,252 SF.	36.5 %
BRICK	694 SF.	20.2 %
EIFS	208 SF.	6.1 %
GLAZING	1,278 SF.	37.2 %
<b>TOTAL</b>	<b>3,432 SF.</b>	<b>100 %</b>

**BUILDING MATERIALS:**

FIELD BRICK	'AMERICANA'
ACCENT BRICK	'BROWN MUSHROOM'
NATURAL STONE	'LUEEDERS'
NATURAL STONE	'GRANBURY'
EIFS PARAPET CAP & CORNICE	'OYSTER SHELL'
FABRIC AWNING	'COCOA'

**ADDITIONAL DESIGN ELEMENTS:**

- METAL CANOPIES AND FABRIC AWNINGS
- RECESSES WALLS AND PROJECTED PILASTERS
- ARTICULATED NATURAL STONE GROUND BASE
- ARTICULATED EIFS CORNICE LINE
- VARIED ROOF HEIGHTS

**GOLIAD  
RETAIL**  
ROCKWALL, TX

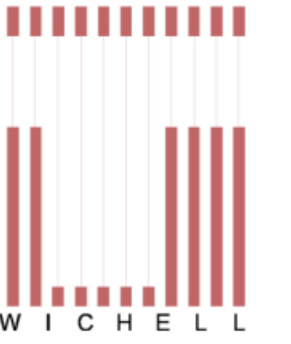
**BUILDING  
ELEVATIONS**  
SCALE: 1/8" = 1'-0"

REV. DATE DESCRIPTION

REV.	DATE	DESCRIPTION

PROJECT: 15190  
SHEET

SP2016-005



ARCHITECTURE  
PLANNING  
CONSTRUCTION  
INTERIORS

MICHAEL F. TWICHELL, L.P.

3624 OAK LAWN AVENUE, SUITE 320  
DALLAS, TEXAS 75219

OFFICE: 214-521-3066  
FAX: 214-599-0583

**GOLIAD  
RETAIL**  
ROCKWALL, TX

### BUILDING ELEVATIONS

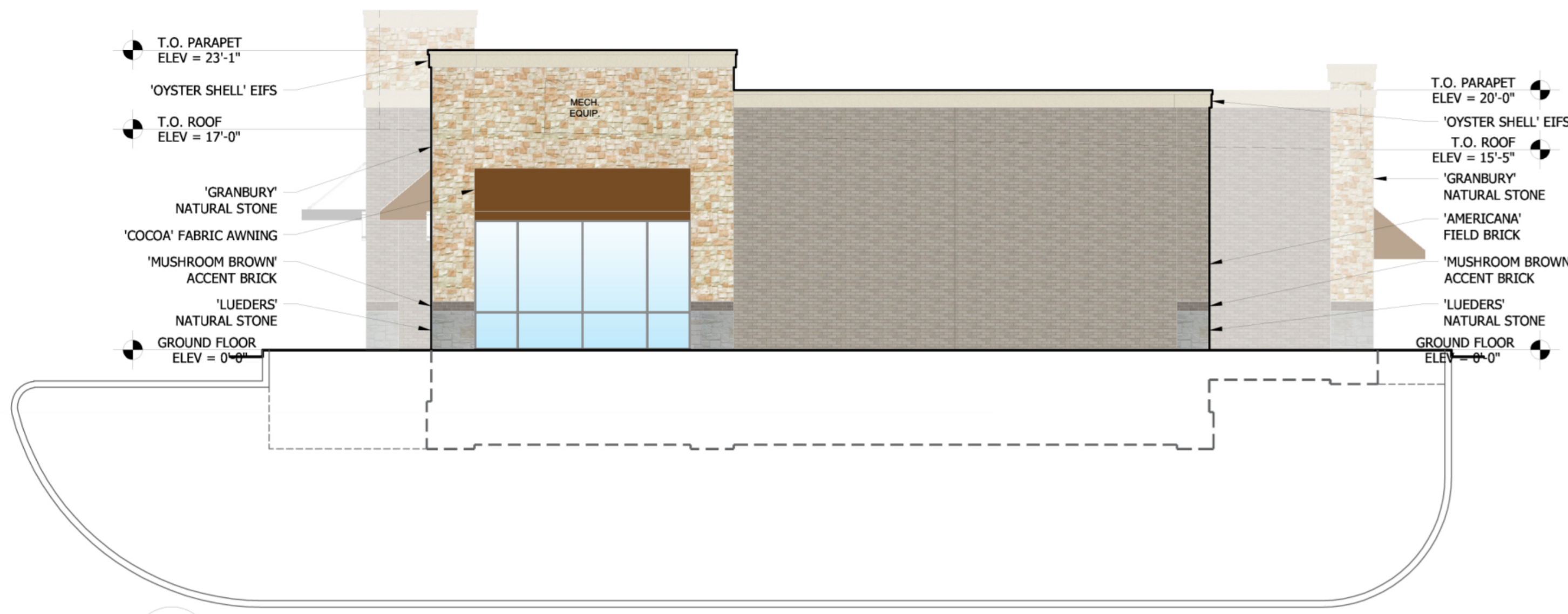
SCALE: 1/8" = 1'-0"

REV. DATE DESCRIPTION

PROJECT: 15190

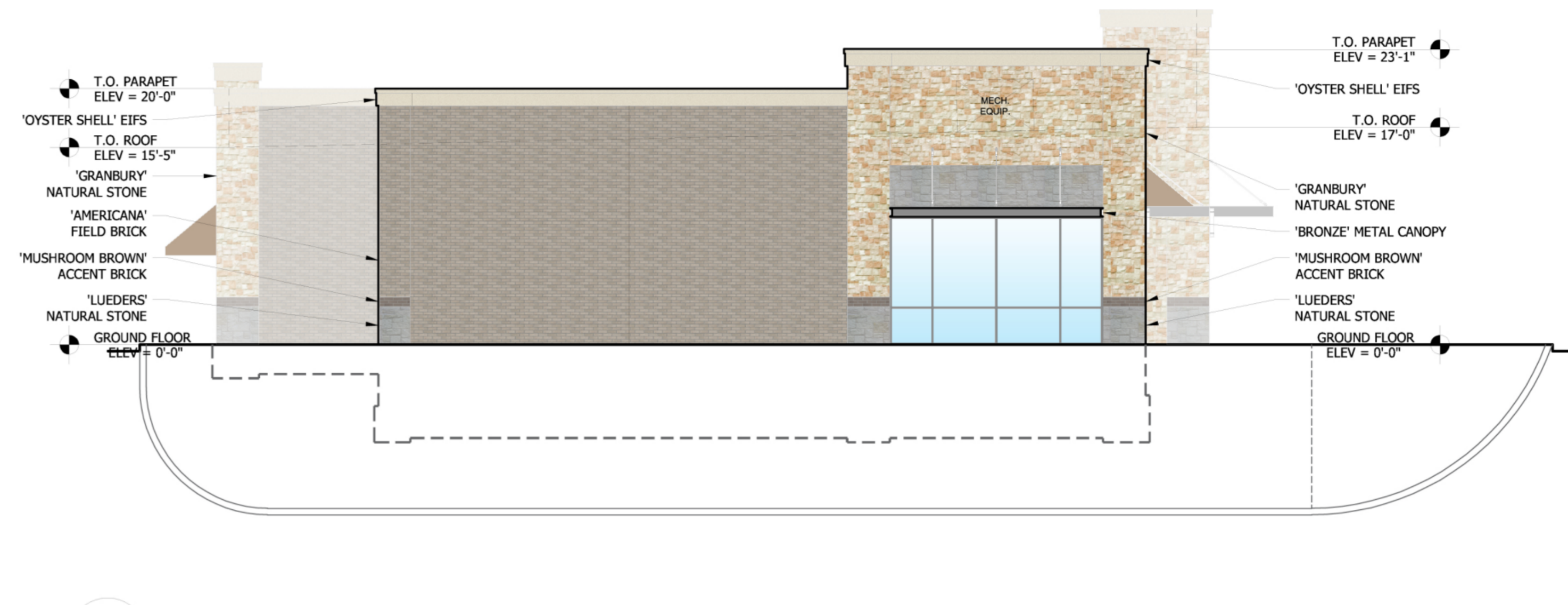
SHEET

SP2016-005



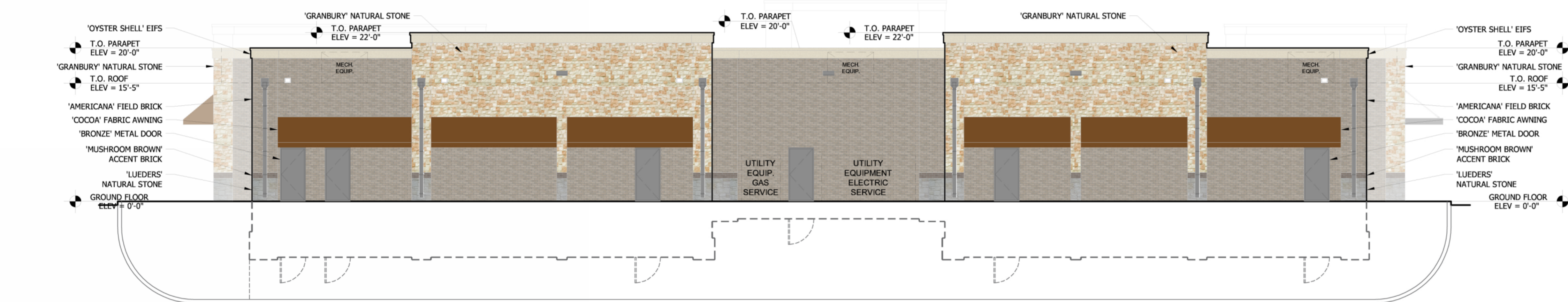
04 NORTH ELEVATION

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



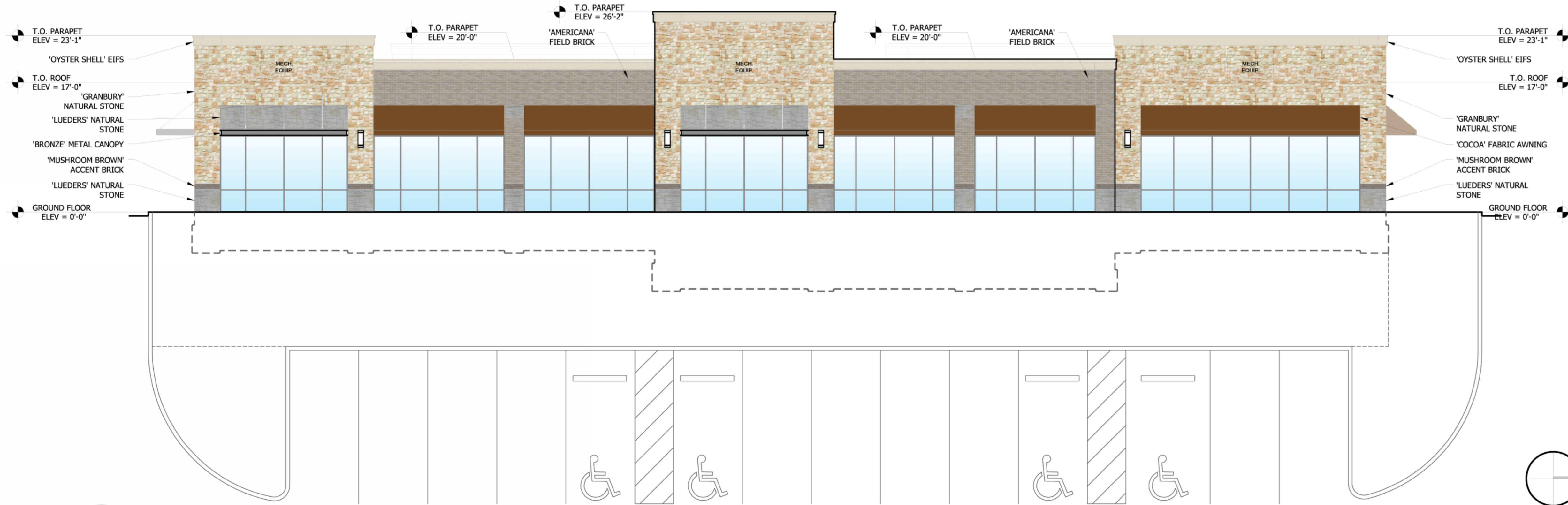
03 SOUTH ELEVATION

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



02 WEST ELEVATION

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



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



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**EAST ELEVATION TABULATIONS**

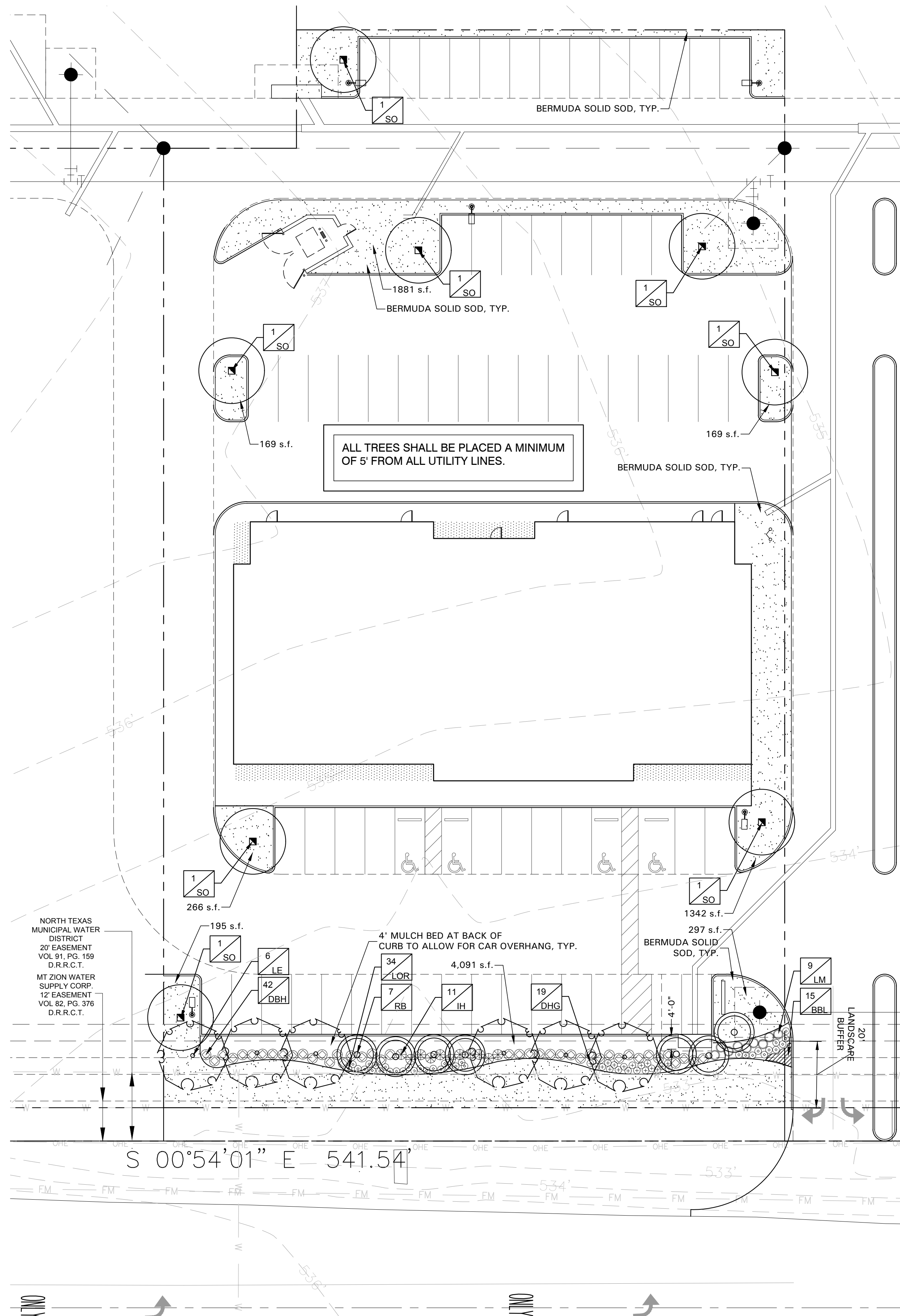
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**BUILDING MATERIALS:**

FIELD BRICK	'AMERICANA' FIELD BRICK
ACCENT BRICK	'BROWN MUSHROOM' ACCENT BRICK
NATURAL STONE	'LUEDELS' NATURAL STONE
NATURAL STONE	'GRANBURY' NATURAL STONE
EIFS PARAPET CAP & CORNICE	'OYSTER SHELL' EIFS
STOREFRONT, CANOPY, DOOR FABRIC AWNING	'BRONZE' METAL CANOPY

**ADDITIONAL DESIGN ELEMENTS:**

- METAL CANOPIES AND FABRIC AWNINGS
- RECESSED WALLS AND PROJECTED PILASTERS
- ARTICULATED NATURAL STONE GROUND BASE
- ARTICULATED EIFS CORNICE LINE
- VARIED ROOF HEIGHTS



**GENERAL LAWN NOTES**

EROSION CONTROL AND SOIL PREPARATION: THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TOP SOIL AT THE CORRECT GRADES. CONTRACTOR TO FINE GRADE AREAS TO REACH FINAL CONTOURS AS SPECIFIED PER CIVIL PLANS. ALL CONTOURS SHOULD ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES. WATER SHOULD NOT BE ABLE TO POOL IN ANY AREAS UNLESS SPECIFIED OTHERWISE. EROSION FABRIC SUCH AS JUTE MATTING OR OPEN WEAVE TO BE USED WHERE NECESSARY TO PREVENT SOIL EROSION.

ANY LOSS OF TOPSOIL OR GRASS DUE TO EROSION IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL IT IS 100% ESTABLISHED.

CONTRACTOR TO REMOVE ANY ROCKS 3/4" AND LARGER, STICKS AND DEBRIS PRIOR TO INSTALLATION OF TOPSOIL AND SOD.

FOUR (4) OF TOPSOIL SHALL BE APPLIED TO AREAS DISTURBED BY CONSTRUCTION RECEIVING SOD. IF TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL AS APPROVED BY THE OWNER OR OWNERS REPRESENTATIVE.

TOPSOIL SHALL BE FRABLE, NATURAL LOAM, FREE OF ROCKS, WEEDS, BUSH, CLAY LUMPS, ROOTS, TWIGS, LITTER AND ENVIRONMENTAL CONTAMINANTS.

CONTRACTOR SHALL BE RESPONSIBLE FOR SOD UNTIL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOVING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION. SOD SHALL BE REPLACED IF NECESSARY.

**SOLID SOD:** SOLID SOD SHALL BE PLACED ALONG ALL IMPERVIOUS EDGES, AT A MINIMUM. THIS SHALL INCLUDE CURBS, WALKS, INLETS, MANHOLES AND PLANTING BED AREAS. SOD SHALL COVER OTHER AREAS COMPLETELY AS INDICATED BY PLAN.

SOD SHALL BE STRONGLY ROOTED DROUGHT RESISTANT SOD, NOT LESS THAN 2 YEARS OLD, FREE OF WEEDS AND UNDESIRABLE NATIVE GRASS AND MACHINE CUT TO PAD THICKNESS OF 3/4" (+/- 1/4"), EXCLUDING TOP GROWTH AND THATCH. PROVIDE ONLY SOD CAPABLE OF VIGOROUS GROWTH AND DEVELOPMENT WHEN PLANTED.

DO NOT INSTALL SOD IF IT IS DORMANT OR GROUND IS FROZEN. LAY SOD WITH TIGHTLY FITTING JOINTS, NO OVERLAPS WITH STAGGERED STRIPS TO OFFSET JOINTS.

SOD SHALL BE ROLLED TO CREATE A SMOOTH EVEN SURFACE. SOD SHOULD BE WATERED THOROUGHLY DURING INSTALLATION PROCESS.

SHOULD INSTALLATION OCCUR BETWEEN OCTOBER 1ST AND MARCH 1ST, SOD SHALL INCLUDE AN OVER-SEED OF ANNUAL RYE OR WINTER RYEGRASS AT A RATE OF FOUR POUNDS PER ONE THOUSAND SQUARE FEET FOR A GROWN IN APPEARANCE. CONTRACTOR SHALL ENSURE CONFORMANCE TO §15.0 D OF TITLE 7, PART XXIX, HORTICULTURE COMMISSION CHAPTER 1.

**LANDSCAPE NOTES**

REFERENCE SITEWORK AND SPECIFICATIONS FOR INFORMATION NEEDED FOR LANDSCAPE WORK.

CONTRACTOR TO VERIFY AND LOCATE ALL PROPOSED AND EXISTING STRUCTURES. NOTIFY LANDSCAPE ARCHITECT OR DESIGNATED REPRESENTATIVE FOR ANY LAYOUT DISCREPANCIES OR ANY CONDITION THAT WOULD PROHIBIT THE INSTALLATION AS SHOWN.

CONTRACTOR SHALL CALL 811 TO VERIFY AND LOCATE ANY AND ALL UTILITIES ON SITE PRIOR TO COMMENCING WORK. LANDSCAPE ARCHITECT SHOULD BE NOTIFIED OF ANY CONFLICTS.

A MINIMUM OF 2% SLOPE SHALL BE PROVIDED AWAY FROM ALL STRUCTURES. LANDSCAPE ISLANDS SHALL BE CROWNED, AND UNIFORM THROUGHOUT THE SITE.

ALL PLANTING AREAS SHALL BE GRADED SMOOTH TO ACHIEVE FINAL CONTOURS AS INDICATED ON PLAN WITH 3" OF TOPSOIL AND 3" OF COMPOST AND CONSISTENTLY BLENDED TO A DEPTH OF 8". ALL BEDS SHALL BE CROWNED TO ANTICIPATE SETTLEMENT AND ENSURE PROPER DRAINAGE.

PLANTING AREAS AND SOD TO BE SEPARATED BY STEEL EDGING. EDGING TO BE GREEN IN COLOR AND A MINIMUM OF 3/16" THICK. EDGING SHALL BE STAKED FROM THE INSIDE OF BED. EDGING NOT TO BE MORE THAN 1/2" ABOVE FINISHED GRADE.

MULCH SHALL BE INSTALLED AT 1/2" BELOW THE TOPS OF SIDEWALKS AND CURBING.

QUANTITIES ON THESE PLANS ARE FOR REFERENCE ONLY. THE SPACING OF PLANTS SHOULD BE AS INDICATED ON PLANS OR OTHERWISE NOTED. ALL TREES AND SHRUBS SHALL BE PLANTED PER DETAILS.

CONTAINER GROWN PLANT MATERIAL IS PREFERRED HOWEVER BALL AND BURLAP PLANT MATERIAL CAN BE SUBSTITUTED IF NEEDED BE AND IS APPROPRIATE TO THE SIZE AND QUALITY INDICATED ON THE PLANT MATERIAL LIST.

TREES SHALL BE PLANTED AT A MINIMUM OF 5' FROM ANY UTILITY LINE, SIDEWALK OR CURB. TREES SHALL ALSO BE 10' CLEAR FROM FIRE HYDRANTS.

4" OF SHREDDED HARDWOOD MULCH (2" SETTLED THICKNESS) SHALL BE PLACED OVER 4.1 OZ WOVEN WEED BARRIER FABRIC OR APPROVED EQUAL WEED BARRIER FABRIC SHALL BE USED IN PLANT BEDS AND AROUND ALL TREES AND SHALL BE DE WITT WEED BARRIER OR APPROVED EQUAL. MULCH SHALL BE SHREDDED BARK OR RUBBER LANDSCAPE MULCH, PINE STRAW MULCH IS PROHIBITED.

CONTRACTOR TO PROVIDE UNIT PRICING OF LANDSCAPE MATERIALS AND BE RESPONSIBLE FOR OBTAINING ALL LANDSCAPE AND IRRIGATION PERMITS.

**IRRIGATION:** IN THE ABSENCE OF AN IRRIGATION SYSTEM OR AREAS BEYOND THE COVERAGE LIMITS OF A PERMANENT IRRIGATION SYSTEM, CONTRACTOR SHALL WATER SOD TEMPORARILY BY ANY MEANS AVAILABLE TO DEVELOP ADEQUATE GROWTH. TURF SHALL BE IN 100% ESTABLISHMENT AT THE TIME OF ACCEPTANCE.

ALL PLANTING BEDS SHALL HAVE AN AUTOMATIC IRRIGATION SYSTEM WITH A FREEZE-RAIN SENSOR. SYSTEM SHALL ALSO HAVE AN ET WEATHER BASED CONTROLLER AND BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATOR.

**MAINTENANCE REQUIREMENTS:** VEGETATION SHOULD BE INSPECTED REGULARLY TO ENSURE THAT PLANT MATERIAL IS ESTABLISHING PROPERLY AND REMAINS IN A HEALTHY GROWING CONDITION APPROPRIATE FOR THE SEASON. IF DAMAGED OR REMOVED, PLANTS MUST BE REPLACED BY A SIMILAR VARIETY AND SIZE.

MOWING, TRIMMING, EDGING AND SUPERVISION OF WATER APPLICATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE OWNER OR OWNERS REPRESENTATIVE ACCEPTS AND ASSUMES REGULAR MAINTENANCE.

ALL LANDSCAPE AREAS SHOULD BE CLEANED AND KEPT FREE OF TRASH, DEBRIS, WEEDS AND OTHER MATERIAL.

**MISCELLANEOUS MATERIALS:** STEEL EDGING SHALL BE 3/16" X 4 X 16" DARK GREEN DURAEDEGE STEEL LANDSCAPE EDGING.

SITE SUMMARY TABLE	
County	ROCKWALL
Project Name	GOLIAD RETAIL
Zoning District	GR N. SH 205 OVERLAY DISTRICT
Proposed use	RETAIL STORE
Site Area:	1,350 Acres 58,801 S.F.
Building Area	11,310 S.F. (TOTAL)
Building Height:	26'2" - 1 STORY
Lot Coverage:	11,310/56,726 = 19.9%
Floor Area Ratio:	11,310/56,726 = 1.19.9
Parking Required:	2,822 SF (REST)/100 SF/SPC = 29 SPACES
	2,600 SF (DENTAL)/200SF/SPC = 13 SPACES
	5,888 SF (RTL)/250 SF/SPC = 24 SPACES
	Total = 66 SPACES
Parking Provided:	Regular = 64 SPACES
	Handicap = 4 SPACES
	Total = 68 SPACES
Impervious Area:	49,980 / 58,801 SF = 85%
Pervious Area:	8,913 / 58,801 SF = 15%

LANDSCAPE TABULATIONS	
ROCKWALL, TEXAS - SH205 Overlay GENERAL	
1. Minimum of 15% of the lot area shall be landscaped (per GR zoning)	
2. No less than 50% of the required landscape shall be located in the front or side yard.	
Site Area: 58,801	PROVIDED
REQUIRED	PROVIDED
8,820 s.f. (15%)	9,220 s.f. (15.7%)
4,410 s.f. (50%)	6,192 s.f.

BUFFER STRIPS / STREET	
1. Buffer strips shall be a minimum of 20' wide and include a berm or shrubbery or a combination of both along the entire length of the property's frontage along the SH-205 r.o.w. The minimum required height is 30' and shall not exceed a maximum height of 48'.	
2. Three canopy trees along with four accent trees are required per 100 feet of the SH-205 r.o.w.	
Goliad Road (SH205) = 186 I.F.	
REQUIRED	PROVIDED
20' wide buffer	20' wide buffer
berm and/or shrubs	shrubs 36" ht.
6 canopy trees, 4" cal.	6 canopy trees, 4" cal.
7 accent trees, 4' ht.	7 accent trees, 4' ht.

PARKING LOT LANDSCAPE	
1. Surface parking shall be screened from all adjacent public streets and neighboring sites. The screen must extend along all edges and be a min. 3' in height, 80% opaque.	
2. There shall be a landscape island every 10 parking spaces. One shade tree shall be provided for every 10 cars. (68 parking spaces)	
3. A minimum of 5% of the parking area shall be landscaped.	
Parking area: 33,422 s.f.	
REQUIRED	PROVIDED
36" screen	36" screen
7 canopy trees, 4" cal.	7 canopy trees, 4" cal.
1,671 s.f. (5%)	3,801 s.f. (11.3%)

**HYDROMULCH:** SCARIFY SURFACE TO A MINIMUM OF 2" DEPTH PRIOR TO THE IMPORT TOPSOIL APPLICATION. TOP SOIL SHALL BE PLACED 2" IN DEPTH IN ALL AREAS TO BE SEED. CONTRACTOR TO SUPPLY HIGH QUALITY IMPORTED TOPSOIL HIGH IN HUMUS AND ORGANIC CONTENT FROM A LOCAL SUPPLY. IMPORTED TOPSOIL SHALL BE REASONABLY FREE OF CLAY LUMPS, COARSE SANDS, STONES, ROOTS AND OTHER FOREIGN DEBRIS.

IF INADEQUATE MOISTURE IS PRESENT IN SOIL, APPLY WATER AS NECESSARY FOR OPTIMUM MOISTURE FOR SEED APPLICATION.

ALL SEED SHALL BE HIGH QUALITY, TREATED LAWN TYPE SEED AND IS FREE OF NOXIOUS GRASS SEEDS. THE SEED APPLICATION SHALL BE UNIFORMLY DISTRIBUTED ON THE AREAS INDICATED ON PLANS.

HYDROMULCH WITH BERMUDA GRASS SEED AT A RATE OF TWO POUNDS PER ONE THOUSAND SQUARE FEET.

IF INSTALLATION OCCURS BETWEEN OCTOBER 1ST AND APRIL 1ST, ALL HYDROMULCH AREAS SHALL BE OVER-SEED WITH ANNUAL RYE GRASS AT A RATE OF FOUR POUNDS PER ONE THOUSAND SQUARE FEET. CONTRACTOR TO RE-HYDROMULCH WITH BERMUDA GRASS AT THE END OF THE ANNUAL RYE GROWING SEASON.

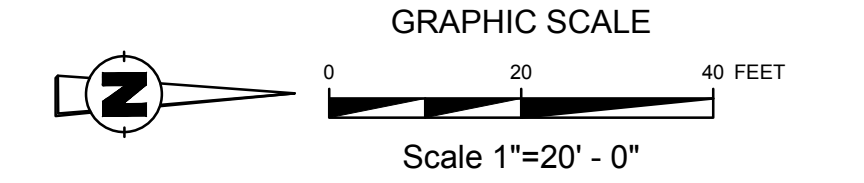
AFTER APPLICATION, NO EQUIPMENT SHALL OPERATE OVER APPLIED AREAS. WATER SEEDED AREAS IMMEDIATELY AFTER INSTALLATION TO SATURATION.

ALL LAWN AREAS TO BE HYDROMULCHED SHALL ACHIEVE 100% COVERAGE PRIOR TO FINAL ACCEPTANCE.

IRRIGATION WILL MEET THE REQUIREMENTS OF THE ROCKWALL UDC.

PLANT SCHEDULE					
QTY LABEL	COMMON NAME	SCIENTIFIC NAME	SIZE	NOTES	
<b>SHADE TREES</b>					
6 LE	Lacebark Elm	<i>Ulmus parvifolia 'Sempervirens'</i>	4" cal.	12' ht., 4' spread	
7 SO	Shumard Oak	<i>Quercus shumardii</i>	4" cal.	12' ht., 5' spread	
<b>ORNAMENTAL TREES</b>					
7 RB	Oklahoma Redbud	<i>Cercis reniformis 'Oklahoma'</i>	30 gal.	8' ht., 4' spread, 3 trunk min.	
<b>SHRUBS</b>					
42 DBH	Dwarf Burford Holly	<i>Ilex cornuta 'Burford Nana'</i>	5 gal.	full, 24" spread, 30" ht., 36" o.c.	
19 DHG	Dwarf Hamlin Grass	<i>Pennisetum alopecuroides 'Hameln'</i>	5 gal.	full, 18" sprd, 20" ht., 24" o.c.	
11 IH	Indian Hawthorne 'Minor'	<i>Raphiolepis indica 'Minor'</i>	5 gal.	full, 24" spread, 30" ht., 36" o.c.	
9 LM	Lindheimer Muhly Grass	<i>Muhlenbergia lindheimeri</i>	5 gal.	full, 24" spread, 36" o.c.	
34 LOR	Loropetalum 'Purple Pixie'	<i>Loropetalum chinensis 'Purple Pixie'</i>	5 gal.	full, 18" sprd, 20" ht., 24" o.c.	
<b>GROUND COVER/VINES/GRASS</b>					
15 BBL	Big Blue Liriope	<i>Liriope muscari 'Big Blue'</i>	1 gal.	full, 18" o.c.	

Plant list is an aid to bidders only. Contractor shall verify all quantities on plan. All heights and spreads are minimums. Trees shall have a strong central leader and be of matching specimens. All plant material shall meet or exceed remarks as indicated.



LANDSCAPE ARCHITECT:  
**AWR**  
 AWR Designs, LLC  
 10321 Bradshaw Drive  
 Fort Worth, Texas 76108  
 awr.designs@gmail.com  
 c. 512.517.5389

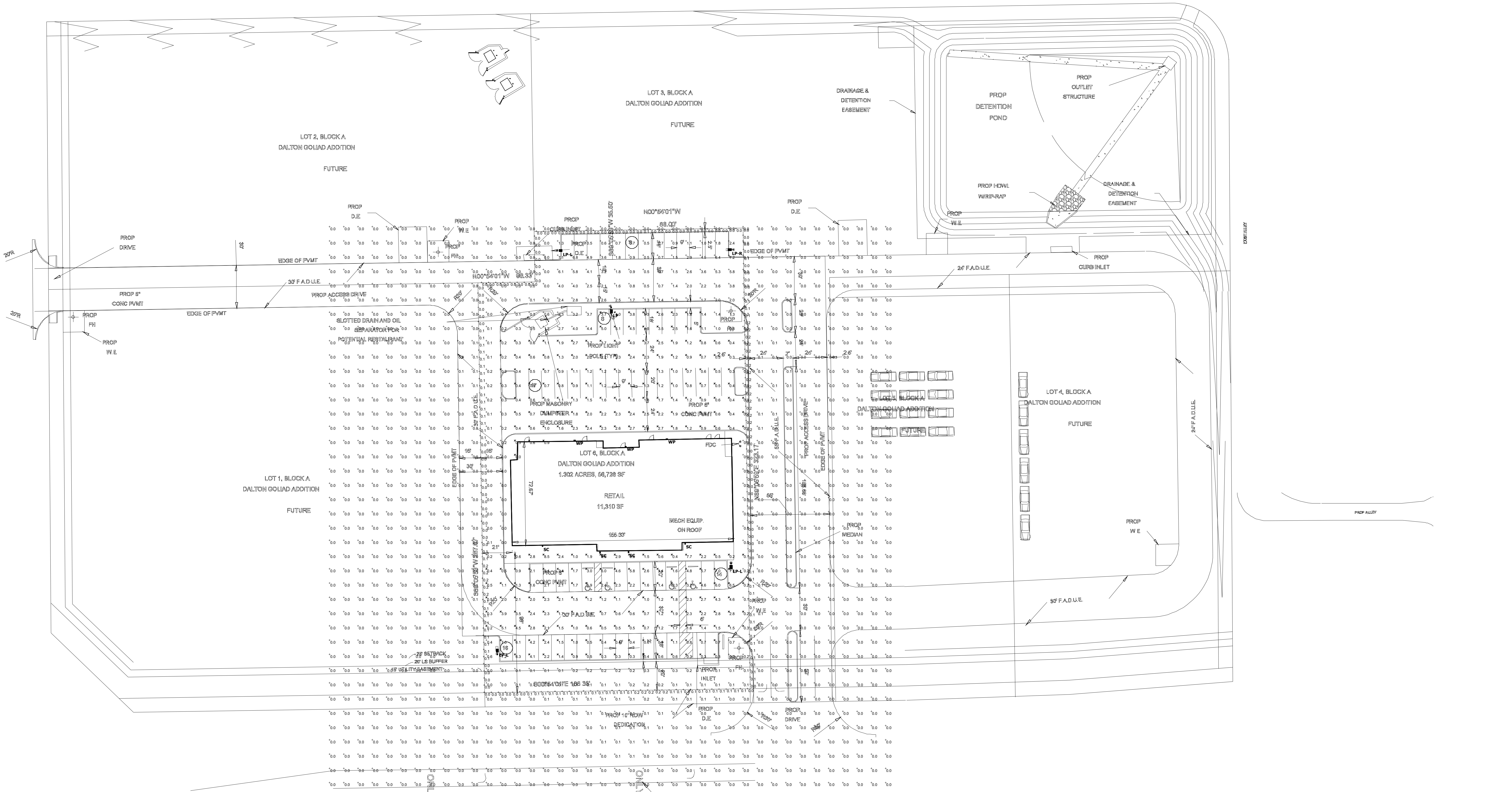
ENGINEER:  
 VASQUEZ ENGINEERING, L.L.C.  
 1919 S. SHILOH ROAD, SUITE 440  
 GARLAND, TEXAS 75042  
 PHONE: 972-272-4610  
 CONTACT: JUAN J. VASQUEZ, P.E.

OWNER/DEVELOPER:  
 ROCKWALL 205-552, LLC  
 1408 QUORUM DRIVE, SUITE 160  
 DALLAS, TEXAS 75254  
 PHONE: 214-402-8702  
 CONTACT: JAY HOLMAN

LANDSCAPE PLAN  
 GOLIAD RETAIL  
 LOT 6, BLOCK A  
 DALTON GOLIAD ADDITION  
 1.350 ACRES  
 ROCKWALL, ROCKWALL COUNTY, TEXAS  
 MARCH 11, 2016  
 CASE #SP2016-005

Scale: 1" = 40'	Designed by: JUV	Drawn by: JUV	Checked by: JUV	Date: 03/11/2016
<p>LANDSCAPE PLAN</p> <p>LOT 6, BLOCK A DALTON GOLIAD ADDITION CITY OF ROCKWALL, TEXAS</p>				
<p>DEVELOPER:          ROCKWALL 205-552, LLC          1408 QUORUM DRIVE          SUITE 160          DALLAS, TX 75254</p>				
<p>SHEET  <b>LP1</b></p>				

VASQUEZ ENGINEERING, L.L.C.  
 1919 S. Shiloh Road  
 Suite 440, LB 44  
 Garland, Texas 75042  
 Ph: 972-272-2948  
 TX Registration # F-12286



Plan View  
Scale - 1" = 30'

Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
□	LP	1	DSX0 LED-40C 1000 50K BLC MVOLT 20ft Pole & 2.5ft Base Total Mounting height - 22.5f	DSX0 LED WITH 40 Leds @1000 mA, 5000K, BACKLIGHT CONTROL OPTIC	LED	1	11156	0.95	138
□	LP-L	3	DSX0 LED-40C 1000 50K LCCO MVOLT 20ft Pole & 2.5ft Base Total Mounting height - 22.5f	DSX0 LED WITH 40 Leds @1000 mA, 5000K, LEFT CORNER CUTOFF OPTIC	LED	1	10838	0.95	138
□	LP-R	1	DSX0 LED-40C 1000 50K RCCO MVOLT 20ft Pole & 2.5ft Base Total Mounting height - 22.5f	DSX0 LED WITH 40 Leds @1000 mA, 5000K, RIGHT CORNER CUTOFF OPTIC	LED	1	10838	0.95	138
—	WP	3	DSXW1 LED 20C 700 50K T4M MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T4M OPTIC, 5000K, @ 700mA.	LED	1	5376	0.95	45.7
□	SC	4	EVOL23-W-44-90LED	EVOLUTION WALL SERIES, ALUMINUM HOUSING, FORMED WHITE HR ACRYLIC LENS	(8) ALTA PN1108-11" LED BOARDS	1	8100	0.95	90

Statistics						
Description	Symbol	Avg	Max	Min	Avg/Min	Avg/Max/Min
All Points	+	0.5 fc	8.5 fc	0.0 fc	N/A	0.1:1
Inside Parking	X	1.8 fc	8.5 fc	0.0 fc	N/A	0.2:1
On Property Line	+	0.1 fc	0.2 fc	0.0 fc	N/A	0.5:1



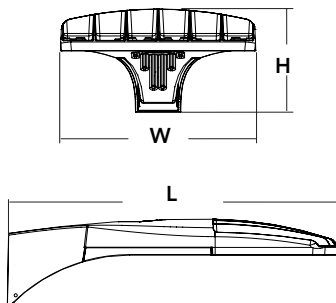
# D-Series Size 0 LED Area Luminaire



d#series

## Specifications

<b>EPA:</b>	0.95 ft <sup>2</sup> (.09 m <sup>2</sup> )
<b>Length:</b>	26" (66.0 cm)
<b>Width:</b>	13" (33.0 cm)
<b>Height:</b>	7" (17.8 cm)
<b>Weight (max):</b>	16 lbs (7.25 kg)



Catalog Number
Notes
Type

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

## Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 65% and expected service life of over 100,000 hours.

## Ordering Information

**EXAMPLE: DSX0 LED 40C 1000 40K T3M MVOLT SPA DDBXD**

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting
DSX0 LED	<b>Forward optics</b> 20C 20 LEDs (one engine) 40C 40 LEDs (two engines) <b>Rotated optics<sup>1</sup></b> 30C 30 LEDs (one engine)	530 530 mA 700 700 mA 1000 1000 mA (1 A) <sup>2</sup>	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted <sup>3</sup>	T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control <sup>2</sup> LCCO Left corner cutoff <sup>2</sup> RCCO Right corner cutoff <sup>2</sup>	MVOLT <sup>4</sup> 120 <sup>4</sup> 208 <sup>4</sup> 240 <sup>4</sup> 277 <sup>4</sup> 347 <sup>5</sup> 480 <sup>5</sup>	<b>Shipped included</b> SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor <sup>6</sup> RPUMBA Round pole universal mounting adaptor <sup>6</sup> <b>Shipped separately<sup>7</sup></b> KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)

Control options	Other options	Finish (required)
<b>Shipped installed</b> PER NEMA twist-lock receptacle only (no controls) <sup>8</sup> PER5 Five-wire receptacle only (no controls) <sup>8,9</sup> PER7 Seven-wire receptacle only (no controls) <sup>8,9</sup> DMG 0-10V dimming driver (no controls) <sup>10</sup> DCR Dimmable and controllable via ROAM® (no controls) <sup>11</sup> PIR Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc <sup>12</sup> PIRH Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc <sup>12</sup>	<b>Shipped installed</b> HS House-side shield <sup>16</sup> SF Single fuse (120, 277, 347V) <sup>17</sup> DF Double fuse (208, 240, 480V) <sup>17</sup> L90 Left rotated optics <sup>1</sup> R90 Right rotated optics <sup>1</sup> DDL Diffused drop lens <sup>16</sup>	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

### Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) <sup>18</sup>
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) <sup>18</sup>
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) <sup>18</sup>
SC U	Shorting cap <sup>18</sup>
DSX0HS 20C U	House-side shield for 20 LED unit <sup>16</sup>
DSX0HS 30C U	House-side shield for 30 LED unit <sup>16</sup>
DSX0HS 40C U	House-side shield for 40 LED unit <sup>16</sup>
DSX0DDL U	Diffused drop lens (polycarbonate) <sup>16</sup>
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) <sup>7</sup>
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) <sup>7</sup>

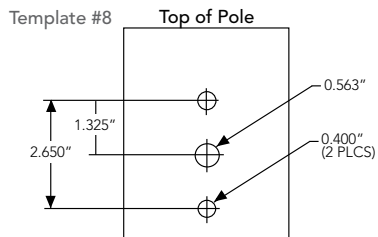
For more control options, visit [DTL](#) and [ROAM](#) online.

- ### NOTES
- 30 LEDs (30C option) and rotated options (L90 or R90) only available together.
  - Not available with AMBPC.
  - AMBPC only available with 530mA or 700mA.
  - MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120V, 208V, 240V or 277V options only when ordering with fusing (SF, DF options).
  - Not available with single board, 530mA product (20C 530 or 30C 530). Not available with BL30, BL50 or PNMT options.
  - Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
  - Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
  - Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
  - If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Not available with DCR.
  - DMG option for 347V or 480V requires 1000mA.

- Specifies a ROAM® enabled luminaire with 0-10V dimming capability; PER option required. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: [sales@roamservices.net](mailto:sales@roamservices.net). N/A with PIR options PER5, PER7, BL30, BL50 or PNMT options.
- PIR and PIR1FC3V specify the [SensorSwitch SBGR-10-ODP](#) control; PIRH and PIRH1FC3V specify the [SensorSwitch SBGR-6-ODP](#) control; see [Motion Sensor Guide](#) for details. Dimming driver standard. Not available with PER5 or PER7. Ambient sensor disabled when ordered with DCR. Separate on/off required.
- Requires an additional switched circuit.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, PER5, PER7 or PNMT options.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, DCR, PER5, PER7, BL30 or BL50.
- Also available as a separate accessory; see Accessories information.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.



## Drilling



DSXO shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

<b>DM19AS</b>	Single unit	<b>DM29AS</b>	2 at 90° *
<b>DM28AS</b>	2 at 180°	<b>DM39AS</b>	3 at 90° *
<b>DM49AS</b>	4 at 90° *	<b>DM32AS</b>	3 at 120° **

**Example:** SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's [POLES CENTRAL](#) to see our wide selection of poles, accessories and educational tools.

\*Round pole top must be 3.25" O.D. minimum.

\*\*For round pole mounting (RPA) only.

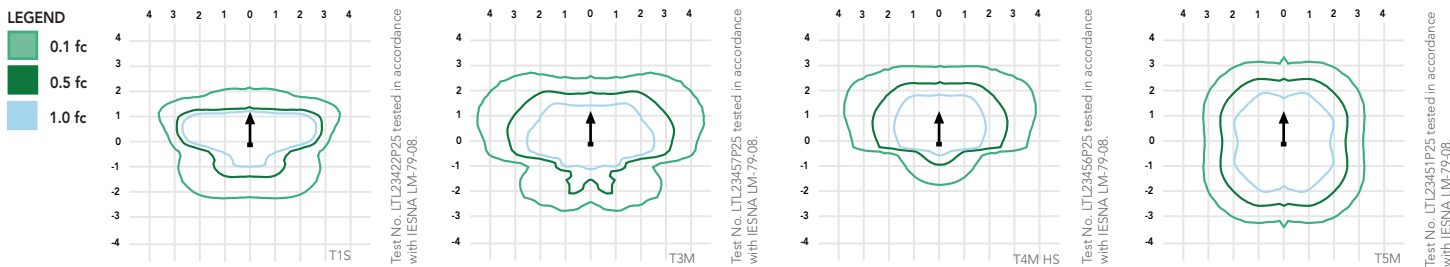
## Tenon Mounting Slipfitter\*\*

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit [Lithonia Lighting's D-Series Area homepage](#).

Isofootcandle plots for the DSXO LED 40C 1000 40K. Distances are in units of mounting height (20').



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C / 32°F	1.02
10°C / 50°F	1.01
20°C / 68°F	1.00
<b>25°C / 77°F</b>	<b>1.00</b>
30°C / 86°F	1.00
40°C / 104°F	0.99

### Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
20C	530	35	0.34	0.22	0.21	0.20	--	--
	700	45	0.47	0.28	0.24	0.22	0.18	0.14
	1000	72	0.76	0.45	0.39	0.36	0.36	0.26
30C	530	52	0.51	0.31	0.28	0.25	--	--
	700	70	0.72	0.43	0.37	0.34	0.25	0.19
	1000	104	1.11	0.64	0.56	0.49	0.47	0.34
40C	530	68	0.71	0.41	0.36	0.33	0.25	0.19
	700	91	0.94	0.55	0.48	0.42	0.33	0.24
	1000	138	1.45	0.84	0.73	0.64	0.69	0.50

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSXO LED 20C 1000			
	1	0.98	0.96	0.93
	DSXO LED 40C 1000			
	1	0.98	0.95	0.90
	DSXO LED 40C 700			
	1	0.99	0.99	0.99



# Performance Data

## Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																							
LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)				40K (4000 K, 70 CRI)				50K (5000 K, 70 CRI)				AMBPC (Amber Phosphor Converted)							
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
20C (20 LEDs)	530 mA	35 W	T1S	4,079	1	0	1	117	4,380	1	0	1	125	4,408	1	0	1	126	2,541	1	0	1	73
			T2S	4,206	1	0	1	120	4,516	1	0	1	129	4,544	1	0	1	130	2,589	1	0	1	74
			T2M	4,109	1	0	1	117	4,413	1	0	1	126	4,440	1	0	1	127	2,539	1	0	1	73
			T3S	4,104	1	0	1	117	4,407	1	0	1	126	4,435	1	0	1	127	2,558	1	0	1	73
			T3M	4,142	1	0	1	118	4,447	1	0	1	127	4,475	1	0	1	128	2,583	1	0	1	74
			T4M	4,198	1	0	1	120	4,508	1	0	1	129	4,536	1	0	1	130	2,570	1	0	1	73
			FTM	4,135	1	0	1	118	4,440	1	0	2	127	4,468	1	0	2	128	2,540	1	0	1	73
			TSVS	4,368	2	0	0	125	4,691	2	0	0	134	4,720	2	0	0	135	2,650	1	0	0	76
			T5S	4,401	2	0	2	126	4,725	2	0	0	135	4,755	2	0	0	136	2,690	1	0	0	77
			T5M	4,408	2	0	1	126	4,734	3	0	1	135	4,763	3	0	1	136	2,658	2	0	0	76
			TSW	4,344	3	0	1	124	4,664	3	0	1	133	4,693	3	0	1	134	2,663	2	0	1	76
			BLC	3,071	1	0	1	88	3,297	1	0	1	94	3,318	1	0	1	95					
	LCCO	2,983	1	0	1	85	3,204	1	0	1	92	3,224	1	0	1	92							
	RCCO	2,983	1	0	1	85	3,204	1	0	1	92	3,224	1	0	1	92							
	T1S	5,181	1	0	1	115	5,563	1	0	1	124	5,598	1	0	1	124	3,144	1	0	1	70		
	T2S	5,342	1	0	1	119	5,736	1	0	1	127	5,772	1	0	1	128	3,203	1	0	1	71		
	T2M	5,219	1	0	1	116	5,605	1	0	1	125	5,640	1	0	1	125	3,141	1	0	1	70		
	T3S	5,213	1	0	1	116	5,598	1	0	1	124	5,633	1	0	1	125	3,165	1	0	1	70		
	T3M	5,260	1	0	1	117	5,649	1	0	2	126	5,684	1	0	2	126	3,196	1	0	1	71		
	T4M	5,332	1	0	1	118	5,725	1	0	2	127	5,761	1	0	2	128	3,179	1	0	1	71		
	FTM	5,252	1	0	2	117	5,640	1	0	2	125	5,675	1	0	2	126	3,143	1	0	1	70		
	TSVS	5,548	2	0	0	123	5,958	2	0	0	132	5,995	2	0	0	133	3,278	2	0	0	73		
	T5S	5,589	2	0	0	124	6,002	2	0	0	133	6,039	2	0	0	134	3,328	2	0	0	74		
	T5M	5,599	3	0	1	124	6,012	3	0	1	134	6,050	3	0	1	134	3,288	2	0	1	73		
	TSW	5,517	3	0	1	123	5,924	3	0	1	132	5,961	3	0	1	132	3,295	2	0	1	73		
	BLC	3,909	1	0	1	87	4,198	1	0	1	93	4,224	1	0	1	94							
	LCCO	3,798	1	0	1	84	4,078	1	0	1	91	4,104	1	0	1	91							
	RCCO	3,798	1	0	1	84	4,078	1	0	1	91	4,104	1	0	1	91							
	T1S	7,085	1	0	1	98	7,608	2	0	2	106	7,656	2	0	2	106							
	T2S	7,305	1	0	1	101	7,845	2	0	2	109	7,894	2	0	2	110							
	T2M	7,138	1	0	2	99	7,665	2	0	2	106	7,713	2	0	2	107							
	T3S	7,129	1	0	1	99	7,656	2	0	2	106	7,704	2	0	2	107							
	T3M	7,194	1	0	2	100	7,725	2	0	2	107	7,773	2	0	2	108							
	T4M	7,292	1	0	2	101	7,830	2	0	2	109	7,879	2	0	2	109							
	FTM	7,183	1	0	2	100	7,713	1	0	2	107	7,761	1	0	2	108							
	TSVS	7,588	2	0	0	105	8,148	3	0	0	113	8,199	3	0	0	114							
T5S	7,644	2	0	0	106	8,208	2	0	0	114	8,259	2	0	0	115								
T5M	7,657	3	0	1	106	8,222	3	0	1	114	8,274	3	0	1	115								
TSW	7,545	3	0	1	105	8,102	3	0	2	113	8,153	3	0	2	113								
BLC	5,162	1	0	1	72	5,543	1	0	2	77	5,578	1	0	1	77								
LCCO	5,015	1	0	2	70	5,386	1	0	2	75	5,419	1	0	2	75								
RCCO	5,015	1	0	2	70	5,386	1	0	2	75	5,419	1	0	2	75								

# Performance Data

## Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Forward Optics																							
LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
40C (40 LEDs)	530 mA	68 W	T1S	7,926	2	0	2	117	8,511	2	0	2	125	8,564	2	0	2	126	4,878	1	0	1	72
			T2S	8,172	2	0	2	120	8,775	2	0	2	129	8,830	2	0	2	130	4,969	1	0	1	73
			T2M	7,985	2	0	2	117	8,574	2	0	2	126	8,628	2	0	2	127	4,874	1	0	1	72
			T3S	7,975	1	0	2	117	8,564	2	0	2	126	8,617	2	0	2	127	4,910	1	0	1	72
			T3M	8,047	2	0	2	118	8,642	2	0	2	127	8,696	2	0	2	128	4,958	1	0	2	73
			T4M	8,157	1	0	2	120	8,759	2	0	2	129	8,813	2	0	2	130	4,932	1	0	2	73
			TFTM	8,035	1	0	2	118	8,628	2	0	2	127	8,682	2	0	2	128	4,876	1	0	2	72
			TSVS	8,488	2	0	0	125	9,115	3	0	0	134	9,172	3	0	0	135	5,086	2	0	0	75
			T5S	8,550	2	0	0	126	9,182	3	0	1	135	9,239	3	0	1	136	5,163	2	0	0	76
			T5M	8,565	3	0	1	126	9,198	3	0	2	135	9,255	3	0	2	136	5,102	3	0	1	75
			T5W	8,440	3	0	2	124	9,063	3	0	2	133	9,120	3	0	2	134	5,112	3	0	1	75
			BLC	6,142	1	0	2	90	6,595	1	0	2	97	6,636	1	0	2	98					
	LCCO	5,967	1	0	2	88	6,407	1	0	2	94	6,447	1	0	2	95							
	RCCO	5,967	1	0	2	88	6,407	1	0	2	94	6,447	1	0	2	95							
	T1S	10,066	2	0	2	111	10,810	2	0	2	119	10,877	2	0	2	120	6,206	2	0	2	68		
	T2S	10,379	2	0	2	114	11,145	2	0	2	122	11,215	2	0	2	123	6,322	2	0	2	69		
	T2M	10,141	2	0	2	111	10,890	2	0	2	120	10,958	2	0	2	120	6,201	2	0	2	68		
	T3S	10,129	2	0	2	111	10,877	2	0	2	120	10,945	2	0	2	120	6,247	1	0	2	69		
	T3M	10,221	2	0	2	112	10,975	2	0	2	121	11,044	2	0	2	121	6,308	2	0	2	69		
	T4M	10,359	2	0	2	114	11,124	2	0	2	122	11,194	2	0	2	123	6,275	1	0	2	69		
	TFTM	10,205	2	0	2	112	10,958	2	0	3	120	11,027	2	0	3	121	6,203	1	0	2	68		
	TSVS	10,781	3	0	0	118	11,576	3	0	1	127	11,649	3	0	1	128	6,569	2	0	0	72		
	T5S	10,860	3	0	1	119	11,662	3	0	1	128	11,734	3	0	1	129	6,569	2	0	0	72		
	T5M	10,879	3	0	2	120	11,682	3	0	2	128	11,755	3	0	2	129	6,491	3	0	1	71		
	T5W	10,719	3	0	2	118	11,511	4	0	2	126	11,583	4	0	2	127	6,504	3	0	2	71		
	BLC	7,819	1	0	2	86	8,396	1	0	2	92	8,448	1	0	2	93							
	LCCO	7,596	1	0	2	83	8,157	1	0	2	90	8,208	1	0	2	90							
	RCCO	7,596	1	0	2	83	8,157	1	0	2	90	8,208	1	0	2	90							
	T1S	13,767	2	0	2	100	14,783	3	0	3	107	14,876	3	0	3	108							
	T2S	14,194	2	0	2	103	15,242	3	0	3	110	15,338	3	0	3	111							
	T2M	13,869	2	0	2	101	14,893	3	0	3	108	14,986	3	0	3	109							
	T3S	13,852	2	0	2	100	14,875	2	0	2	108	14,968	2	0	2	108							
	T3M	13,978	2	0	2	101	15,010	3	0	3	109	15,104	3	0	3	109							
	T4M	14,168	2	0	2	103	15,214	3	0	3	110	15,309	3	0	3	111							
	TFTM	13,956	2	0	3	101	14,987	2	0	3	109	15,080	2	0	3	109							
	TSVS	14,744	3	0	1	107	15,832	3	0	1	115	15,931	4	0	1	115							
T5S	14,852	3	0	1	108	15,948	3	0	1	116	16,048	3	0	1	116								
T5M	14,878	4	0	2	108	15,976	4	0	2	116	16,076	4	0	2	116								
T5W	14,660	4	0	2	106	15,742	4	0	2	114	15,840	4	0	2	115								
BLC	10,325	1	0	2	75	11,087	1	0	2	80	11,156	1	0	2	81								
LCCO	10,031	2	0	2	73	10,771	2	0	3	78	10,839	2	0	3	79								
RCCO	10,031	2	0	2	73	10,771	2	0	3	78	10,839	2	0	3	79								
	1000 mA	138 W																					

# Performance Data

## L90 and R90 Rotated Optics

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
30C (30 LEDs)	530 mA	52 W	T1S	6,130	2	0	2	118	6,583	2	0	2	127	6,624	2	0	2	127	3,841	2	0	2	74
			T2S	6,321	2	0	2	122	6,787	2	0	2	131	6,830	3	0	3	131	3,912	2	0	2	75
			T2M	6,176	2	0	2	119	6,632	3	0	3	128	6,673	3	0	3	128	3,837	2	0	2	74
			T3S	6,168	2	0	2	119	6,624	3	0	3	127	6,665	3	0	3	128	3,866	2	0	2	74
			T3M	6,224	3	0	3	120	6,684	3	0	3	129	6,726	3	0	3	129	3,904	2	0	2	75
			T4M	6,309	3	0	3	121	6,775	3	0	3	130	6,817	3	0	3	131	3,884	2	0	2	75
			TFTM	6,215	3	0	3	120	6,673	3	0	3	128	6,715	3	0	3	129	3,839	2	0	2	74
			TSVS	6,565	2	0	0	126	7,050	2	0	0	136	7,094	2	0	0	136	4,005	2	0	0	77
			T5S	6,613	2	0	0	127	7,102	2	0	0	137	7,146	2	0	0	137	4,065	2	0	0	78
			T5M	6,625	3	0	1	127	7,114	3	0	1	137	7,159	3	0	1	138	4,017	2	0	1	77
			TSW	6,528	3	0	1	126	7,010	3	0	2	135	7,054	3	0	2	136	4,025	3	0	1	77
			BLC	4,747	2	0	2	91	5,098	2	0	2	98	5,130	2	0	2	99					
			LCCO	4,612	1	0	2	89	4,953	1	0	2	95	4,984	1	0	2	96					
			RCCO	4,612	1	0	2	89	4,953	1	0	2	95	4,984	1	0	2	96					
			T1S	7,786	2	0	2	111	8,361	3	0	3	119	8,413	3	0	3	120	4,783	2	0	2	68
			T2S	8,028	2	0	2	115	8,620	3	0	3	123	8,674	3	0	3	124	4,873	2	0	2	70
			T2M	7,844	3	0	3	112	8,423	3	0	3	120	8,476	3	0	3	121	4,779	2	0	2	68
			T3S	7,834	3	0	3	112	8,413	3	0	3	120	8,465	3	0	3	121	4,815	2	0	2	69
	T3M	7,905	3	0	3	113	8,489	3	0	3	121	8,542	3	0	3	122	4,862	3	0	3	69		
	T4M	8,013	3	0	3	114	8,604	3	0	3	123	8,658	3	0	3	124	4,837	3	0	3	69		
	TFTM	7,893	3	0	3	113	8,476	3	0	3	121	8,529	3	0	3	122	4,781	3	0	3	68		
	TSVS	8,338	2	0	0	119	8,954	3	0	0	128	9,010	3	0	0	129	4,988	2	0	0	71		
	T5S	8,400	2	0	0	120	9,020	3	0	1	129	9,076	3	0	1	130	5,063	2	0	0	72		
	T5M	8,414	3	0	1	120	9,036	3	0	2	129	9,092	3	0	2	130	5,003	3	0	1	71		
	TSW	8,291	3	0	2	118	8,903	3	0	2	127	8,959	3	0	2	128	5,013	3	0	1	72		
	BLC	6,044	2	0	2	86	6,490	3	0	3	93	6,530	3	0	3	93							
	LCCO	5,872	1	0	2	84	6,305	1	0	2	90	6,345	1	0	2	91							
	RCCO	5,872	1	0	2	84	6,305	1	0	2	90	6,345	1	0	2	91							
	T1S	10,648	3	0	3	102	11,434	3	0	3	110	11,506	3	0	3	111							
	T2S	10,979	3	0	3	106	11,789	3	0	3	113	11,863	3	0	3	114							
	T2M	10,727	3	0	3	103	11,519	3	0	3	111	11,591	3	0	3	111							
	T3S	10,714	3	0	3	103	11,505	3	0	3	111	11,577	3	0	3	111							
	T3M	10,812	3	0	3	104	11,610	4	0	4	112	11,682	4	0	4	112							
	T4M	10,958	3	0	3	105	11,767	3	0	3	113	11,841	3	0	3	114							
	TFTM	10,795	3	0	3	104	11,592	3	0	3	111	11,664	4	0	4	112							
	TSVS	11,404	3	0	0	110	12,245	3	0	1	118	12,322	3	0	1	118							
T5S	11,487	3	0	1	110	12,336	3	0	1	119	12,413	3	0	1	119								
T5M	11,508	3	0	2	111	12,357	4	0	2	119	12,434	4	0	2	120								
TSW	11,339	4	0	2	109	12,176	4	0	2	117	12,252	4	0	2	118								
BLC	7,981	3	0	3	77	8,570	3	0	3	82	8,624	3	0	3	83								
LCCO	7754	1	0	2	75	8326	2	0	2	80	8378	2	0	2	81								
RCCO	7754	1	0	2	75	8326	2	0	2	80	8378	2	0	2	81								

## FEATURES & SPECIFICATIONS

### INTENDED USE

The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

### CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (0.8 ft<sup>2</sup>) for optimized pole wind loading.

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

### OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 4000 K (70 minimum CRI) or optional 3000 K (70 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 0 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

### ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of

100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

### INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

### LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### WARRANTY

5-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



**DESCRIPTION**

Evolution 23 Series Exterior Wall Sconce features a Vacuum Formed Premium Quality White Acrylic diffuser, Aluminum round bar decorative 2 bar trim on the top and bottom, ADA Compliant, introducing LED Technology.

Catalog #		Type
Project		
Comments		Date
Prepared By		

**EVERGREEN LIGHTING LED**

**SPECIFICATION FEATURES**

**Material**

Aluminum round bar decorative 2 bar trim on the top and bottom combined with 16 gage aluminum sheet backpan with mounting fireplate, standard powdercoat finish baked at 400 degrees, Premium Quality 100% virgin white acrylic vacuum formed half cylinder lens with high impact DR additive, .125 thick, with formed top and bottom lens with no seams.

**Installation**

Supplied with 1/4" thick black neoprene gasket sealing the fixture to the wall. Also supplied with standard mounting hardware to mount to a 4" J-box.

**Power Supply**

Integral LED Power Supply for 120/277 volt, High Power Factor, AC/DC to 12 volt, constant voltage, constant current, Class 2, -40 degree C starting temperature, cold weather start

**Optics**

Contact Evergreen Lighting for IES files

**LED**

- 22":**  
LED Board  
(1)6W- 900 Lumen  
(2)6W - 1800 Lumen  
(1)15W- 2250 Lumen  
(2)15W - 4500 Lumen
- 27":**  
LED Board  
(1) 15 watt - 2250 Lumen  
(1) 24 watt - 3600 Lumen  
(2) 15 watt - 4500 Lumen  
(2) 24 watt - 7200 Lumen
- 32":**  
LED Board  
(2) 6 watt - 1800 Lumen  
(4) 6 watt - 3600 Lumen  
(2) 15 watt - 4500 Lumen  
(4) 15 watt - 9000 Lumen
- 44":**  
LED Board  
(3) 6 watt - 2700 Lumen  
(3) 15 watt - 6750 Lumen  
(9) 15 watt - 13,500 Lumen



- 22"H X 8 1/2"W X 4"D
- 27"H X 9"W X 5"D
- 32"H X 9"W X 5"D
- 44"H X 9"W X 5"D

**Evolution 23 Series LED**

Labels  
ETL for US and  
Canada for Wet  
Location

**ORDERING INFORMATION**

Sample Number: EVOL23-W-27-224LED-GV-WDA

EVOL23	W	27	224LED	BA	WDA	
<b>Series</b> EVOL23	<b>Style</b> Wall	<b>Size</b> 22" 27" 32" 44"	<b>Lamp</b> 22" (1)6W LED (2)6W LED (1)15W LED (2)15W LED  27" (1)15W LED (1)24W LED (2)15W LED (2)24W LED  32" (2)6W LED (4)6W LED (2)15W LED (4)15W LED  44" (3)6W LED (3)15W LED (6)15W LED	<b>Finish</b> Architectural Bronze (AB) Textured Bronze (TBR) Matte Black (MBK) Semi Gloss Black (GBK) Textured Black (TBK) Textured Rust (TR) Matte White (MW) Textured White (TW) Gloss White (GW) Metallic Grey (MG) Textured Gold (TG) Metallic Nickel (MN) Textured Verde Patina (TVP) Satin Brass (SB) Copper Vein (CV) Gold Vein (GV) Silver Vein (SV) Brushed Aluminum (BA) Adder Polished Brass (PB) Adder	<b>Acrylic Lens</b> White Acrylic (WDA) Clear Frosted (CF) White Alabaster (WA) Honey Onyx (HO) Natural Horn (NH) Beige Alabaster (BA)	<b>Options</b> EMR, 650 Lumen EMR, 900 Lumen Mark X Dimming Ballast Design Modifications Larger size in ADA Wet Location is Standard



# D-Series Size 1 LED Wall Luminaire



Catalog  
Number

Notes

Type

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

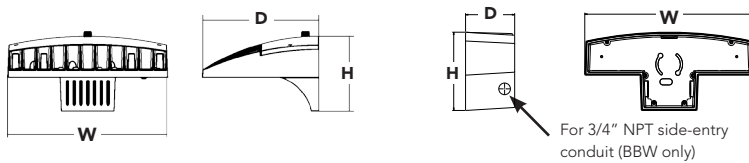
d#series

## Specifications Luminaire

<b>Width:</b>	13-3/4" (34.9 cm)	<b>Weight:</b>	12 lbs (5.4 kg)
<b>Depth:</b>	10" (25.4 cm)		
<b>Height:</b>	6-3/8" (16.2 cm)		

## Back Box (BBW, ELCW)

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



## Introduction

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

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

## Ordering Information

**EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DBTDX**

Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine) 20C 20 LEDs (two engines)	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A)	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium ASYDF Asymmetric diffuse	MVOLT <sup>1</sup> 120 <sup>1</sup> 208 <sup>1</sup> 240 <sup>1</sup> 277 <sup>1</sup> 347 <sup>2</sup> 480 <sup>2</sup>	<b>Shipped included</b> (blank) Surface mounting bracket <b>BBW</b> Surface-mounted back box (for conduit entry) <sup>3</sup>	<b>Shipped installed</b> <b>PE</b> Photoelectric cell, button type <sup>4</sup> <b>DMG</b> 0-10V dimming driver (no controls) <b>PIR</b> 180° motion/ambient light sensor, <15' mtg ht <sup>5</sup> <b>PIRH</b> 180° motion/ambient light sensor, 15-30' mtg ht <sup>5</sup> <b>PIR1FC3V</b> Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>2</sup> <b>PIRH1FC3V</b> Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>2</sup> <b>ELCW</b> Emergency battery backup (includes external component enclosure) <sup>6</sup>

### Other Options

### Finish (required)

<b>Shipped installed</b>	<b>Shipped separately<sup>8</sup></b>	<b>DDBXD</b> Dark bronze	<b>DSSXD</b> Sandstone	<b>DWHGXD</b> Textured white
<b>SF</b> Single fuse (120, 277 or 347V) <sup>7</sup>	<b>BSW</b> Bird-deterrent spikes	<b>DBLXD</b> Black	<b>DBTDX</b> Textured dark bronze	<b>DSSTXD</b> Textured sandstone
<b>DF</b> Double fuse (208, 240 or 480V) <sup>7</sup>	<b>WG</b> Wire guard	<b>DNAXD</b> Natural aluminum	<b>DBLBXD</b> Textured black	
<b>HS</b> House-side shield <sup>8</sup>	<b>VG</b> Vandal guard	<b>DWHXD</b> White	<b>DNATXD</b> Textured natural aluminum	
<b>SPD</b> Separate surge protection <sup>9</sup>	<b>DDL</b> Diffused drop lens			

### NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- PIR and PIR1FC3V specifies the **Sensor Switch SBGR-10-ODP** control; PIRH specifies the **Sensor Switch SBGR-6-ODP** control; see **Motion Sensor Guide** for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with 20 LED/1000 mA configuration (DSXW1 LED 20C 1000).
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at [www.lithonia.com](http://www.lithonia.com)
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option. Not available with ELCW.
- Also available as a separate accessory; see Accessories information.
- See the electrical section on page 3 for more details.

## Accessories

Ordered and shipped separately.

DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW1WG U	Wire guard accessory
DSXW1VG U	Vandal guard accessory



# Performance Data

## Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K					40K					50K					AMBER				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
(10 LEDs)	350mA	14W	T2S	1,415	0	0	1	101	1,520	0	0	1	109	1,529	0	0	1	109	894	0	0	1	64
			T2M	1,349	0	0	1	96	1,449	0	0	1	104	1,458	0	0	1	104	852	0	0	1	61
			T3S	1,400	0	0	1	100	1,503	0	0	1	107	1,512	0	0	1	108	884	0	0	1	63
			T3M	1,386	0	0	1	99	1,488	0	0	1	106	1,497	0	0	1	107	876	0	0	1	63
			T4M	1,358	0	0	1	97	1,458	0	0	1	104	1,467	0	0	1	105	858	0	0	1	61
			TFTM	1,411	0	0	1	101	1,515	0	0	1	108	1,525	0	0	1	109	892	0	0	1	64
	ASDF	1,262	0	0	1	90	1,355	1	0	1	97	1,363	1	0	1	97	797	0	0	1	57		
	530 mA	20W	T2S	2,054	1	0	1	103	2,205	1	0	1	110	2,219	1	0	1	111	1,264	0	0	1	63
			T2M	1,957	1	0	1	98	2,102	1	0	1	105	2,115	1	0	1	106	1,205	0	0	1	60
			T3S	2,031	0	0	1	102	2,181	0	0	1	109	2,195	0	0	1	110	1,250	0	0	1	63
			T3M	2,010	1	0	1	101	2,159	1	0	1	108	2,172	1	0	1	109	1,237	0	0	1	62
			T4M	1,970	1	0	1	99	2,115	1	0	1	106	2,128	0	0	1	106	1,212	0	0	1	61
			TFTM	2,047	0	0	1	102	2,198	0	0	1	110	2,212	0	0	1	111	1,260	0	0	1	63
	ASDF	1,830	1	0	1	92	1,966	1	0	1	98	1,978	1	0	1	99	1,127	0	0	1	56		
	700 mA	27W	T2S	2,623	1	0	1	97	2,816	1	0	1	104	2,834	1	0	1	105	1,544	0	0	1	57
			T2M	2,499	1	0	1	93	2,684	1	0	1	99	2,701	1	0	1	100	1,472	0	0	1	55
			T3S	2,593	1	0	1	96	2,785	1	0	1	103	2,802	1	0	1	104	1,527	0	0	1	57
			T3M	2,567	1	0	1	95	2,757	1	0	1	102	2,774	1	0	1	103	1,512	0	0	1	56
			T4M	2,515	1	0	1	93	2,701	1	0	1	100	2,718	1	0	1	101	1,481	0	0	1	55
			TFTM	2,614	1	0	1	97	2,807	1	0	1	104	2,825	1	0	1	105	1,539	0	0	1	57
	ASDF	2,337	1	0	1	87	2,510	1	0	1	93	2,526	1	0	1	94	1,376	0	0	1	51		
	1000 mA	40W	T2S	3,685	1	0	1	92	3,957	1	0	1	99	3,982	1	0	1	100	2,235	1	0	1	58
			T2M	3,512	1	0	1	88	3,771	1	0	1	94	3,795	1	0	1	95	2,130	1	0	2	55
			T3S	3,644	1	0	1	91	3,913	1	0	1	98	3,938	1	0	1	98	2,210	1	0	2	57
T3M			3,607	1	0	1	90	3,874	1	0	1	97	3,898	1	0	1	97	2,187	1	0	2	56	
T4M			3,534	1	0	1	88	3,795	1	0	1	95	3,819	1	0	1	95	2,143	1	0	2	55	
TFTM			3,674	1	0	1	92	3,945	1	0	1	99	3,969	1	0	1	99	2,228	1	0	2	57	
ASDF	3,284	1	0	1	82	3,527	1	0	1	88	3,549	1	0	1	89	1,991	1	0	2	51			
(20 LEDs)	350mA	24W	T2S	2,820	1	0	1	118	3,028	1	0	1	126	3,047	1	0	1	127	1,777	1	0	1	74
			T2M	2,688	1	0	1	112	2,886	1	0	1	120	2,904	1	0	1	121	1,693	1	0	1	71
			T3S	2,789	1	0	1	116	2,995	1	0	2	125	3,013	1	0	2	126	1,757	0	0	1	73
			T3M	2,761	1	0	1	115	2,964	1	0	2	124	2,983	1	0	2	124	1,739	1	0	1	72
			T4M	2,705	1	0	1	113	2,904	1	0	2	121	2,922	1	0	2	122	1,704	1	0	1	71
			TFTM	2,811	1	0	1	117	3,019	1	0	2	126	3,038	1	0	2	127	1,771	0	0	1	74
	ASDF	2,513	1	0	1	105	2,699	1	0	2	112	2,716	1	0	2	113	1,584	1	0	1	66		
	530 mA	36W	T2S	4,079	1	0	1	113	4,380	1	0	1	122	4,408	1	0	1	122	2,504	1	0	1	70
			T2M	3,887	1	0	1	108	4,174	1	0	1	116	4,200	1	0	1	117	2,387	1	0	1	66
			T3S	4,034	1	0	1	112	4,332	1	0	1	120	4,359	1	0	1	121	2,477	1	0	1	69
			T3M	3,993	1	0	1	111	4,288	1	0	1	119	4,315	1	0	1	120	2,451	1	0	2	68
			T4M	3,912	1	0	2	109	4,201	1	0	2	117	4,227	1	0	1	117	2,402	1	0	1	67
			TFTM	4,066	1	0	1	113	4,367	1	0	1	121	4,394	1	0	1	122	2,496	1	0	1	69
	ASDF	3,635	1	0	2	101	3,904	1	0	2	108	3,928	1	0	2	109	2,232	1	0	1	62		
	700 mA	47W	T2S	5,188	1	0	1	110	5,571	1	0	1	119	5,606	1	0	1	119	3,065	1	0	1	65
			T2M	4,945	1	0	1	105	5,310	1	0	1	113	5,343	1	0	1	114	2,921	1	0	1	62
			T3S	5,131	1	0	1	109	5,510	1	0	2	117	5,544	1	0	2	118	3,031	1	0	1	64
			T3M	5,079	1	0	2	108	5,454	1	0	2	116	5,488	1	0	2	117	3,000	1	0	1	64
			T4M	4,976	1	0	2	106	5,343	1	0	2	114	5,377	1	0	2	114	2,939	1	0	1	63
			TFTM	5,172	1	0	2	110	5,554	1	0	2	118	5,589	1	0	2	119	3,055	1	0	1	65
	ASDF	4,624	1	0	2	98	4,966	1	0	2	106	4,997	1	0	2	106	2,732	1	0	1	58		
	1000 mA	74W	T2S	7,205	1	0	1	97	7,736	1	0	1	105	7,785	1	0	1	105	4,429	1	0	1	61
			T2M	6,866	1	0	2	93	7,373	1	0	2	100	7,419	1	0	2	100	4,221	1	0	2	58
			T3S	7,124	1	0	2	96	7,650	1	0	2	103	7,698	1	0	2	104	4,380	1	0	2	60
T3M			7,052	1	0	2	95	7,736	1	0	2	105	7,620	1	0	2	103	4,335	1	0	2	59	
T4M			6,910	1	0	2	93	7,420	1	0	2	100	7,466	1	0	2	101	4,248	1	0	2	58	
TFTM			7,182	1	0	2	97	7,712	1	0	2	104	7,760	1	0	2	105	4,415	1	0	2	60	
ASDF	6,421	1	0	2	87	6,895	2	0	2	93	6,938	2	0	2	94	3,947	1	0	2	54			

## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.98

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the DSXW1 LED 20C 1000 platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.95	0.93	0.88

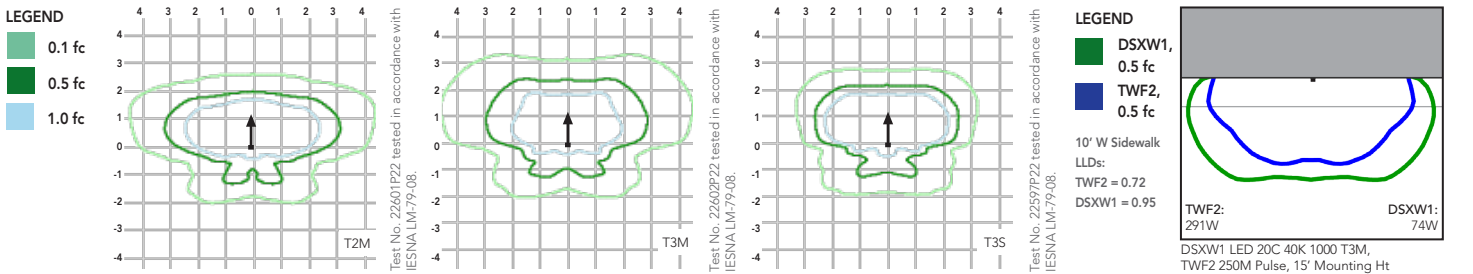
### Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	350	14 W	0.13	0.07	0.06	0.06	-	-
	530	20 W	0.19	0.11	0.09	0.08	-	-
	700	27 W	0.25	0.14	0.13	0.11	-	-
	1000	40 W	0.37	0.21	0.19	0.16	-	-
20C	350	24 W	0.23	0.13	0.12	0.10	-	-
	530	36 W	0.33	0.19	0.17	0.14	-	-
	700	47 W	0.44	0.25	0.22	0.19	0.15	0.11
	1000	74 W	0.69	0.40	0.35	0.30	0.23	0.17

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Wall Size 1 homepage](#).

Isfootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



## Options and Accessories



T3M (left), ASYDF (right) lenses



HS - House-side shields



BSW - Bird-deterrent spikes



WG - Wire guard



VG - Vandal guard



DDL - Diffused drop lens

## FEATURES & SPECIFICATIONS

### INTENDED USE

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

### CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

### OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000 K (80 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 CRI) configurations.

### ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L88/100,000 hrs at 25°C). Class 1 electronic drivers have a

power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

### INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

### LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### WARRANTY

Five-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

