PLANNING AND ZONING CASE CHECKLIST

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

P&Z CASE # SP2021-006 P&Z DATE 04/13/21 CC DATE _____ APPROVED/DENIED

ARCHITECTURAL REVIEW BOARD DATE _____ HPAB DATE _____ PARK BOARD DATE _____

ZONING APPLICATION

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

SITE PLAN APPLICATION

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

PLATTING APPLICATION

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

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

NOTES:_____

_____

_____

_____

_____

_____

ZONING MAP UPDATED_____

DEVELOPMENT APPLICATION

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

STAFF USE ONLY

PLANNING & ZONING CASE NO. SP2021-006

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

DIRECTOR OF PLANNING:

CITY ENGINEER:

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

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

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

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

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

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

PROPERTY INFORMATION [PLEASE PRINT]

Address	1200 E Yellow Jacket Ln, Rockwall, TX 75087				
Subdivision	First United Methodist Church	Lot	7	Block	1
General Location	West corner of E Yellow Jacket Road and Townsend Drive				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

Current Zoning	Commercial	Current Use	Church
Proposed Zoning	Commercial	Proposed Use	Church
Acreage	8.49	Lots [Current]	Lots [Proposed]

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

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

[✓] Owner	First United Methodist Rockwall	[✓] Applicant	Pacheco Koch Consulting Engineers Inc.
Contact Person	Gary Hancock	Contact Person	Quadri Akamo
Address	1200 E. Yellow Jacket Lane	Address	7557 Rambler Rd #1400
City, State & Zip	Rockwall, TX 75087	City, State & Zip	Dallas, TX 75231
Phone	9728391222	Phone	9722353031
E-Mail	ghancock@fumcrockwall.com	E-Mail	qakamo@pkce.com

NOTARY VERIFICATION [REQUIRED]

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

"I hereby certify that I am the owner, or duly authorized agent of the owner, for the purpose of this application; all information submitted herein is true and correct; and the application fee of $ 419.80 *, to cover the cost of this application, has been paid to the City of Rockwall on this the* 11 *day of* MARCH *, 20* 21 *. 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 11TH *day of* MARCH *, 20* 21 *.*

Owner's/Applicant's Signature

Notary Public in and for the State of Texas

CHERYL ANN BOYANTON
My Notary ID # 125520088
Expires December 9, 2021

My Commission Expires

DEVELOPMENT APPLICATION

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

STAFF USE ONLY

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City, State & Zip	Rockwall, TX 75087	City, State & Zip	Dallas, TX 75231
Phone	9728391222	Phone	9722353031
E-Mail	ghancock@fumcrockwall.com	E-Mail	qakamo@pkce.com

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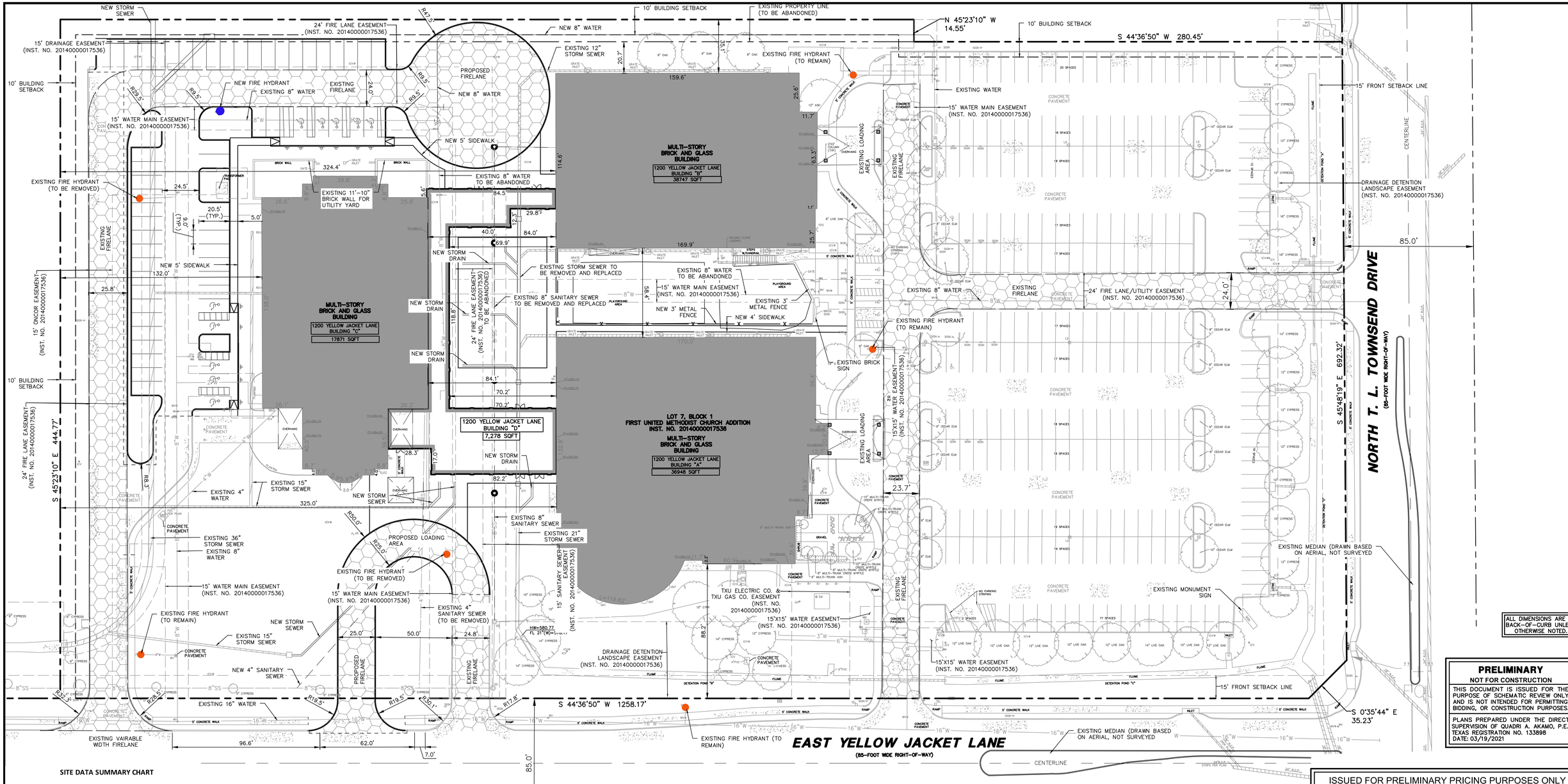
My Commission Expires



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.



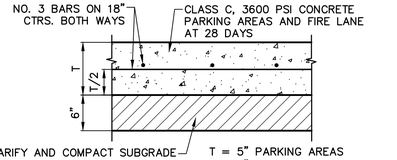
PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT IS ISSUED FOR THE PURPOSE OF SCHEMATIC REVIEW ONLY AND IS NOT INTENDED FOR PERMITTING, BIDDING, OR CONSTRUCTION PURPOSES.

PLANS PREPARED UNDER THE DIRECT SUPERVISION OF QUADRI A. AKAMO, P.E.
TEXAS REGISTRATION NO. 133898
DATE: 03/19/2021

SITE DATA SUMMARY CHART

TOTAL LOT AREA	369,609 sf = 8.485 ACRES
BUILDING AREA	
BUILDING A (EXISTING)	36,948 sf
BUILDING B (EXISTING)	38,747 sf
BUILDING C (EXISTING)	17,871 sf
BUILDING D (NEW)	7,278 sf
REQUIRED PARKING	
1 SPACE PER 4 SEATS	
NUMBER OF SEATS	1076
REQUIRED PARKING SPACES	269
REQUIRED ACCESSIBLE SPACES	8
VAN ACCESSIBLE SPACES	1 (1 PER 8 ACCESSIBLE SPACES)
NUMBER OF SPACES PROVIDED	
EXISTING STANDARD SPACES	253
NEW STANDARD SPACES	50
TOTAL STANDARD SPACES	303
EXISTING ACCESSIBLE SPACES	13
NEW ACCESSIBLE SPACE	9
EXISTING VAN SPACE	1
NEW VAN SPACE	1
TOTAL ACCESSIBLE & VAN SPACES	24
TOTAL PROVIDED SPACES	327
ROOF MECHANICAL SCREEN HEIGHT (MEASURED FROM PARAPET)	
BUILDING A (EXISTING)	6'-0"
BUILDING B (EXISTING)	8'-0"
BUILDING C (EXISTING)	N/A
BUILDING D (NEW)	3'-11 3/8"



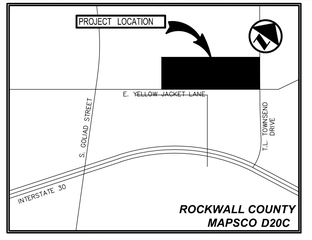
NOTE: REFER TO GEOTECH REPORT FOR FURTHER INFORMATION

1 CONCRETE PAVEMENT SECTION
NOT TO SCALE

LEGEND

B	BOLLARD	SIGN	TRAFFIC SIGN
EM	ELECTRIC METER	IRS (C.M.)	1/2-INCH IRON ROD W/"PACHECO KOCH" CAP SET CONTROLLING MONUMENT
PP	POWER POLE		PROPERTY LINE
LS	LIGHT STANDARD	x	FENCE
WM	WATER METER	#	COORDINATE DESIGNATION
WV	WATER VALVE	x	PROPOSED FENCE
ICV	IRRIGATION CONTROL VALVE		FIRE LANE
FH	FIRE HYDRANT		GRADE BREAKS
CO	CLEANOUT		SWALES
MH	MANHOLE		FIRE LANE
TSC	TRAFFIC SIGNAL CONTROL		
TSP	TRAFFIC SIGNAL POLE		FIRE HYDRANT
TELE	TELEPHONE BOX		
FL	FLOOD LIGHT		
FP	FLAG POLE		

0 15 30 60 90
GRAPHIC SCALE IN FEET



VICINITY MAP
(NOT TO SCALE)

APPROVED:
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE [DAY] DAY OF [MONTH], [YEAR].

WITNESS OUR HANDS, THIS [DAY] DAY OF [MONTH], [YEAR].

PLANNING & ZONING COMMISSION, CHAIRMAN

DIRECTOR OF PLANNING AND ZONING

CASE NUMBER:

ISSUED FOR PRELIMINARY PRICING PURPOSES ONLY
(SUBJECT TO REVISION PRIOR TO CONSTRUCTION)

THESE DOCUMENTS HAVE BEEN PREPARED BY THE ENGINEER WITH THE INTENT OF COMPLYING WITH ALL CITY STANDARD REQUIREMENTS. THESE DOCUMENTS HAVE **NOT** BEEN APPROVED AND RELEASED FOR CONSTRUCTION BY THE CITY AS OF THIS DATE AND, THEREFORE, REVISIONS MAY BE REQUIRED PRIOR TO CONSTRUCTION. BY ANY USE OF THESE DOCUMENTS, THE USER AFFIRMS THEIR UNDERSTANDING OF THE PRELIMINARY STATUS OF THE PLANS AND THE POTENTIAL FOR REVISION PRIOR TO ANY CONSTRUCTION.

NO.	DATE	REVISION

Pacheco Koch
7557 RAMBLER ROAD, SUITE 1400
DALLAS, TX 75231 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008000

SITE PLAN
FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

OWNER:
DR. JOE POOL
FIRST UNITED METHODIST ROCKWALL
1200 EAST YELLOW JACKET LANE
ROCKWALL, TEXAS 75087

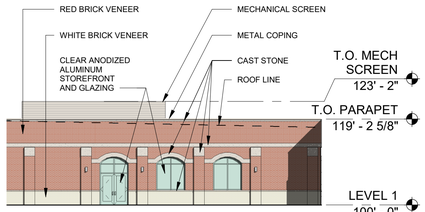
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
QA	GAC	MARCH 2021	1"=30'			C0.2

LAND USE: CHURCH

PK-2199-18.283 SITE PLAN.DWG PK FILE: 2199-18.283

GCOLLINS
3/19/2021 7:40 AM
M:\DWG-21\2199-18.283\DWG\CIVIL C3D 2016\2199-18.283 SITE PLAN.DWG

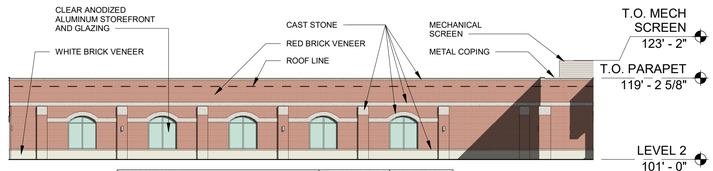
FIRST UNITED METHODIST CHURCH



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	194	13
RED BRICK VENEER	827	56
CAST STONE VENEER	167	11
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	157	11
METAL COPING	23	2
MECHANICAL SCREEN	111	8
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	1479	

07 A-1 ELEVATION - NORTH

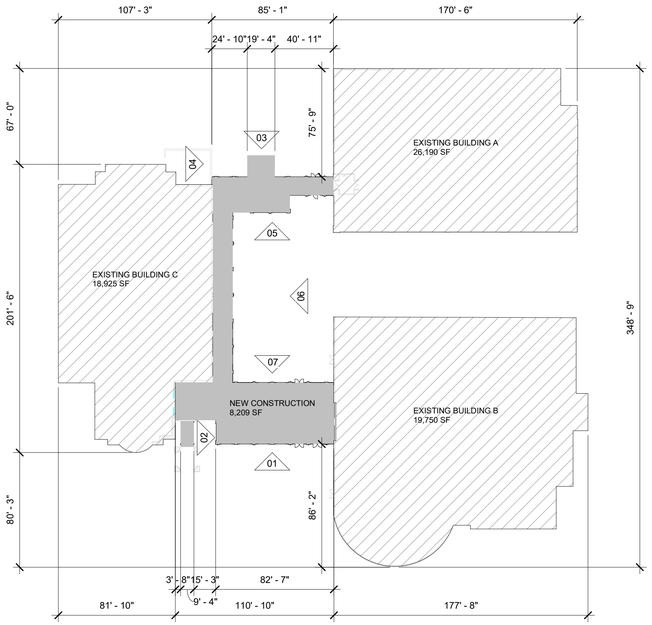
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	266	11
RED BRICK VENEER	1559	64
CAST STONE VENEER	316	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	226	9
METAL COPING	42	2
MECHANICAL SCREEN	30	1
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	2439	

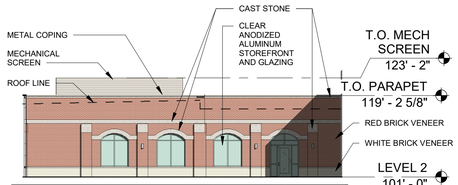
06 A-1 ELEVATION - EAST

1/16" = 1'-0"



KEY PLAN

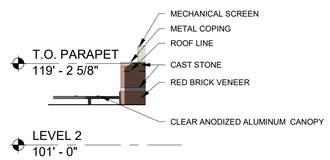
1" = 50'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	130	9
RED BRICK VENEER	777	54
CAST STONE VENEER	171	12
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	241	17
METAL COPING	23	2
MECHANICAL SCREEN	109	8
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	1451	

05 A-1 ELEVATION - SOUTH

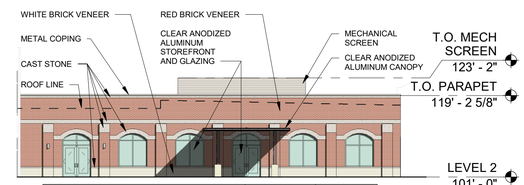
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	0	0
RED BRICK VENEER	44	64
CAST STONE VENEER	8	12
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	0	0
METAL COPING	2	3
MECHANICAL SCREEN	6	9
CLEAR ANODIZED ALUMINUM CANOPY	9	13
TOTAL FACADE	69	

04 A-1 ELEVATION - WEST

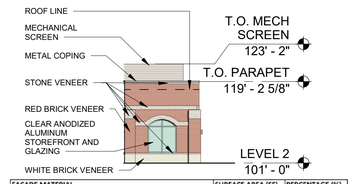
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	148	9
RED BRICK VENEER	868	51
CAST STONE VENEER	229	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	301	18
METAL COPING	27	2
MECHANICAL SCREEN	107	6
CLEAR ANODIZED ALUMINUM CANOPY	21	1
TOTAL FACADE	1701	

03 A-1 ELEVATION - NORTH

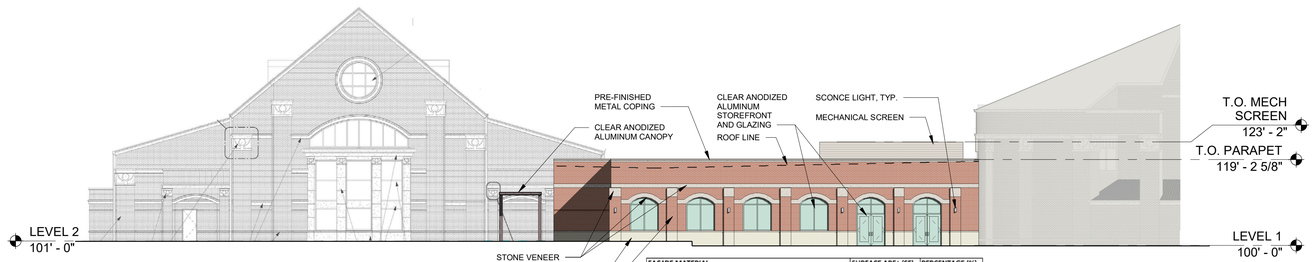
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	35	10
RED BRICK VENEER	178	50
CAST STONE VENEER	48	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	45	13
METAL COPING	5	1
MECHANICAL SCREEN	46	13
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	357	

02 A-1 ELEVATION - WEST

1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	223	13
RED BRICK VENEER	838	47
CAST STONE VENEER	237	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	314	18
METAL COPING	30	2
MECHANICAL SCREEN	111	6
CLEAR ANODIZED ALUMINUM CANOPY	19	1
TOTAL FACADE	1772	

01 A-1 ELEVATION - SOUTH

1/16" = 1'-0"

GENERAL NOTES

- ALL SIGNAGE SUBJECT TO BUILDING INSPECTION DEPARTMENT APPROVAL
- MECHANICAL UNITS SHALL BE SCREENED IN ACCORDANCE WITH THE ZONING ORDINANCE.
- UTILITY BOXES AND CONDUIT SHALL BE PAINTED TO MATCH BUILDING COLOR
- COLOR OF IMAGES BELOW IS APPROXIMATE AND MAY LOOK DIFFERENT WHEN VIEWED ON DIFFERENT ELECTRONIC DEVICES.
- ROOF ACCESS SHALL BE PROVIDED INTERNALLY, UNLESS OTHERWISE PERMITTED BY THE CHIEF BUILDING OFFICIAL

GENERAL EXTERIOR MATERIALS LIST - ALL EXTERIOR MATERIALS TO MATCH EXISTING ON SITE

1. EXTERIOR WALLS:
   - CAST STONE, COLOR TO MATCH CAST STONE ON EXISTING BUILDINGS ON CAMPUS
   - RED BRICK MASONRY, COLOR TO MATCH RED BRICK MASONRY ON EXISTING BUILDINGS ON CAMPUS
   - YELLOW BRICK MASONRY, COLOR TO MATCH YELLOW BRICK MASONRY ON EXISTING BUILDINGS ON CAMPUS
   - INSULATED GLAZING SET IN ALUMINUM STOREFRONT, GLAZING TO HAVE A MAXIMUM EXTERIOR VISIBLE REFLECTANCE OF 20%
2. ROOFING:
   - ROOFS TO BE THERMOPLASTIC-POLYOLEFIN (TPO).
   - MECHANICAL ROOF SCREEN TO BE PRE-FINISHED METAL - MATCH ROOF SCREENS ON EXISTING BUILDINGS A AND B
   - PRE-FINISHED METAL ROOF EDGE TRIM TO MATCH CAST STONE COLOR

MECHANICAL SCREEN / COPING

FABRAL, SANDSTONE

CAST STONE

NATURAL LIMESTONE

RED BRICK BLEND

1/3 ACME BRICK, GARNET

1/3 ACME BRICK, AMARETTO

1/3 ACME BRICK, CRIMSON

WHITE BRICK

ACME BRICK, RUSTIC WHITE

CLEAR ANODIZED ALUMINUM

STOREFRONT AND CANOPIES

GLAZING

LOW-E, GRAY TINT, TO MEET CURRENT ENERGY CODE

gff ARCHITECTS
Dallas | Fort Worth | Austin

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL

1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

GFF Drawn By

Approver Reviewed

THIS DOCUMENT IS NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION.

ARCHITECT/INTERIOR DESIGNER'S NAME. 03/19/2021

FACADE PLAN

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

Project No. 18079

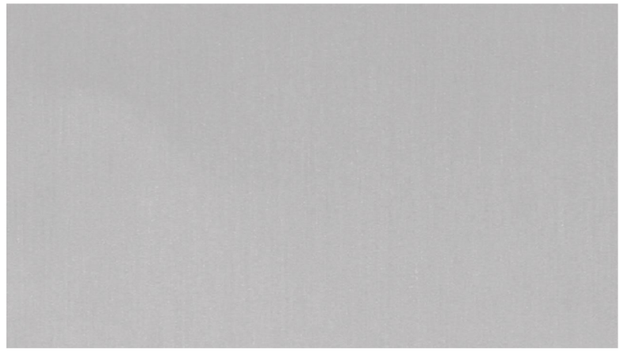
Date 03/19/21

A-1

© Copyright 2019

ALL EXTERIOR MATERIALS TO MATCH EXISTING ON SITE.

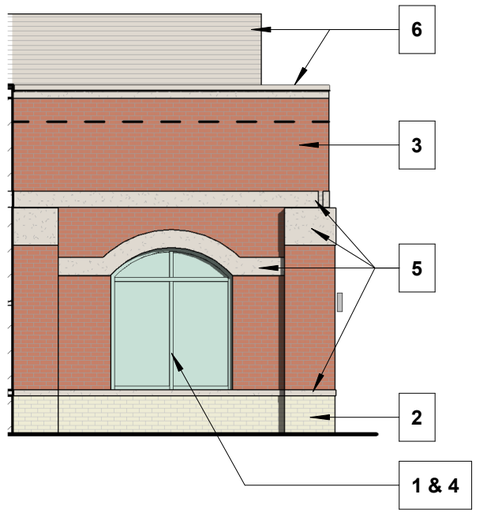
1. CLEAR ANODIZED ALUMINUM



STOREFRONT AND CANOPIES

4. GLAZING

LOW-E, GRAY TINT, TO MEET CURRENT ENERGY CODE



2. WHITE BRICK



ACME BRICK, RUSTIC WHITE

5. CAST STONE

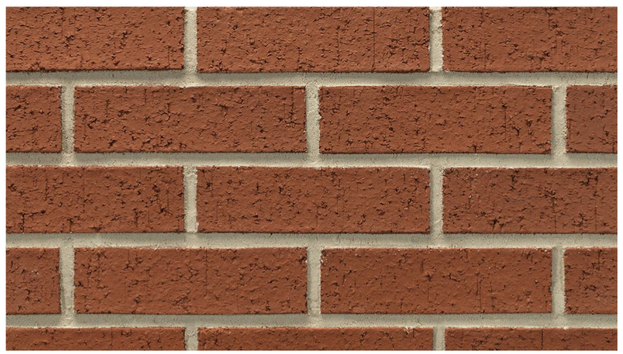


NATURAL LIMESTONE

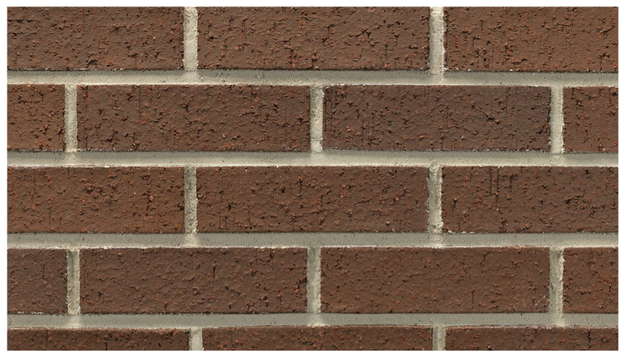
6. MECHANICAL SCREEN / COPING

FABRAL, SANDSTONE

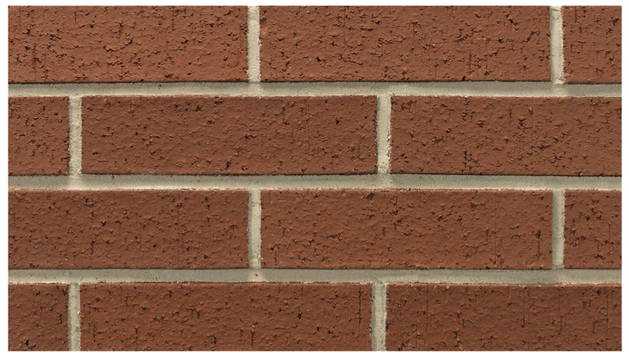
3. RED BRICK BLEND



1/3 ACME BRICK, GARNET



1/3 ACME BRICK, AMARETTO



1/3 ACME BRICK, CRIMSON

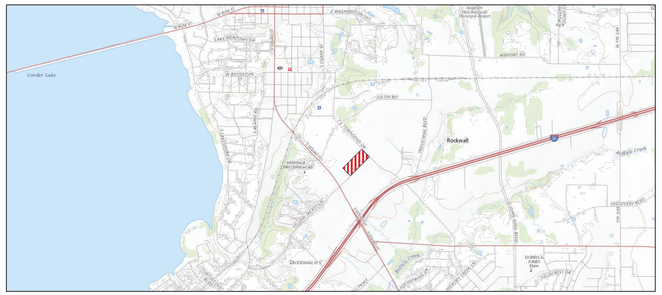
APPLICANT INFORMATION
QUADRI AKAMO
PACHECO KOCH CONSULTING ENGINEERS INC.
7557 RAMBLER RD, #1440, DALLAS, TX 75231
972-235-3031
QAKAMO@PKCE.COM

OWNER INFORMATION
GARY HANCOCK
FIRST UNITED METHODIST ROCKWALL
1200 E. YELLOW JACKET LANE, ROCKWALL, TX 75087
972-839-1222
GHANCOCK@FUMCROCKWALL.COM

FIRST UNITED METHODIST ROCKWALL
CASE NUMBER

gff ARCHITECTS
Dallas | Fort Worth | Austin

LOCATION MAP


Lake Ray Hubbard
Forney
Rockwall
Garland
Dallas
Mesquite
Sunnyvale
Lavon Lake
Lake Ray Roberts
Lake Lavon
Lake Tawakoni
Lake Fork
Lake Texoma
Corder Lake
Ralph Hall Dam
John Wesley Dobbs Dam
Lavon Dam
Lake Ray Roberts Dam
Lake Tawakoni Dam
Lake Fork Dam
Lake Texoma Dam
Lake Ray Hubbard Dam
Lake Lavon Dam
Lake Corder

TREE PRESERVATION NOTES

A. ALL TREES SHALL REMAIN UNLESS NOTED ON THE PLANS.

B. NO SITE PREPARATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED.

C. ALL EXISTING TREES DENOTED TO REMAIN SHALL BE PROTECTED AT THE ROOT PROTECTION ZONE(RPZ). THE RPZ SHALL BE DETERMINED BY TREE SIZE (RECOMMENDED 12" RADIUS FROM TRUNK FOR EVERY 1" IN DIAMETER OF TRUNK AT 4.5' FROM GROUND) WITH A MINIMUM 5' DIAMETER FROM THE TRUNK.

D. A CHAIN LINK FENCE BARRIER DELINEATING THE RPZ SHALL BE ERECTED AND MAINTAINED BY THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETED.

E. RPZ SHALL BE SUSTAINED IN A NATURAL STATE AND SHALL BE FREE FROM VEHICULAR OR MECHANICAL TRAFFIC.

F. THE RPZ SHALL BE COVERED WITH MULCH AND BE MAINTAINED BY GENERAL CONTRACTOR DURING CONSTRUCTION PHASE TO REDUCE MOISTURE STRESS.

G. DURING CONSTRUCTION, NO EXCESS SOIL, ADDITIONAL FILL MATERIAL, EQUIPMENT, LIQUIDS, OR CONSTRUCTION DEBRIS SHALL BE PLACED INSIDE THE PROTECTION BARRIER, NOR SHALL ANY SOIL BE REMOVED FROM WITHIN THE BARRIER.

H. ANY DAMAGE DONE TO EXISTING TREE CROWNS OR ROOT SYSTEMS SHALL BE CUT CLEANLY IMMEDIATELY AFTER INJURY. ALL WOUNDS TO LIVE OAKS SHALL BE PAINTED WITH PRUNING PAINT WITHIN 30 MINUTES AFTER DAMAGE. ROOTS EXPOSED DURING CONSTRUCTION OPERATIONS WILL BE CUT CLEANLY.

I. THE PROPOSED FINISH GRADE AND ELEVATION OF LAND WITHIN THE RPZ OF ANY TREE TO BE PRESERVED SHALL NOT BE RAISED OR LOWERED MORE THAN THREE INCHES. WELLING AND RETAINING METHODS ARE ALLOWED OUTSIDE THE RPZ.

J. THE RPZ SHALL REMAIN PERVIOUS, I.E. GROUNDCOVER OR TURF AT COMPLETION OF LANDSCAPE INSTALLATION.

K. THE ASSOCIATED TREE PROTECTION DETAIL COMPLIES WITH THE MINIMUM TREE PROTECTION GUIDELINES FROM THE CITY OF ROCKWALL.

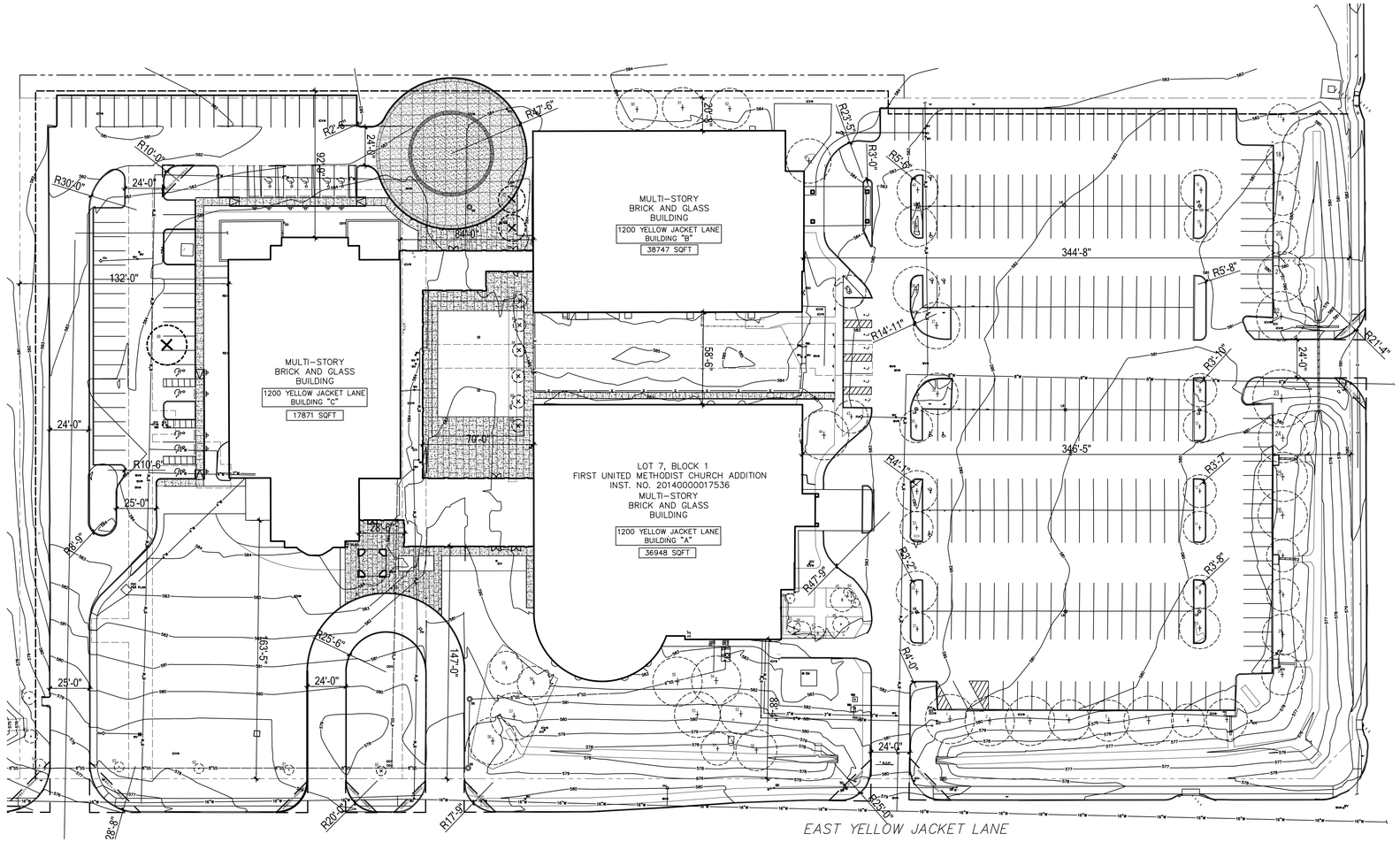
L. WHERE POSSIBLE, PROVIDE FENCE TO TREE DRIP LINE OR GROUP TREES IN FENCE PERIMETER TO PROVIDE INCREASED PROTECTION.

M. NO WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.

N. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED PER THE GOVERNING JURISDICTION THE PROJECT IS LOCATED WITHIN.

0. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE BUT IS NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.

P. ROOTS SHALL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.



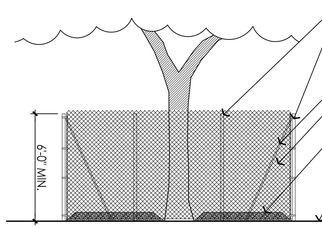
TREE PRES. LEGEND

- PROPERTY LINE
- EASEMENT LINE
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- 2x4 TREE PROTECTION
- TREE PROTECTION FENCE

Scale: 1" = 40'-0"
0 20 40 80 Feet

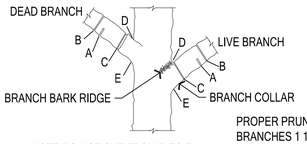
PLAN NORTH TRUE NORTH

Tree #	Species	Retained DBH Inches	Removed DBH Inches
1	Live Oak *(quercus virginiana)*	12	
2	Live Oak *(quercus virginiana)*	12	
3	Live Oak *(quercus virginiana)*	12	
4	Live Oak *(quercus virginiana)*	10	
5	Live Oak *(quercus virginiana)*	12	
6	Live Oak *(quercus virginiana)*	14	
7	Live Oak *(quercus virginiana)*	10	
8	Live Oak *(quercus virginiana)*	12	
9	Cedar Elm *(ulmus crassifolia)*	1	
10	Cedar Elm *(ulmus crassifolia)*	8	
11	Cedar Elm *(ulmus crassifolia)*	11	
12	Cedar Elm *(ulmus crassifolia)*	8	
13	Cedar Elm *(ulmus crassifolia)*	8	
14	Cedar Elm *(ulmus crassifolia)*	8	
15	Cedar Elm *(ulmus crassifolia)*	6	
16	Cedar Elm *(ulmus crassifolia)*	10	
17	Bald Cyprus *(taxodium distichum)*	17	
18	Bald Cyprus *(taxodium distichum)*	11	
19	Bald Cyprus *(taxodium distichum)*	12	
20	Bald Cyprus *(taxodium distichum)*	12	
21	Bald Cyprus *(taxodium distichum)*	16	
22	Bald Cyprus *(taxodium distichum)*	18	
23	Bald Cyprus *(taxodium distichum)*	14	
24	Bald Cyprus *(taxodium distichum)*	12	
25	Bald Cyprus *(taxodium distichum)*	12	
26	Bald Cyprus *(taxodium distichum)*	12	
27	Bald Cyprus *(taxodium distichum)*	12	
28	Bald Cyprus *(taxodium distichum)*	12	
29	Bald Cyprus *(taxodium distichum)*	12	
30	Bald Cyprus *(taxodium distichum)*	12	
31	Cedar Elm *(ulmus crassifolia)*	8	
32	Cedar Elm *(ulmus crassifolia)*	9	
33	Cedar Elm *(ulmus crassifolia)*	7	
34	Cedar Elm *(ulmus crassifolia)*	9	
35	Cedar Elm *(ulmus crassifolia)*	8	
36	Cedar Elm *(ulmus crassifolia)*	9	
37	Cedar Elm *(ulmus crassifolia)*	9	
38	Cedar Elm *(ulmus crassifolia)*	8	
39	Cedar Elm *(ulmus crassifolia)*	8	
40	Cedar Elm *(ulmus crassifolia)*	8	
41	Ash	12	
42	Live Oak *(quercus virginiana)*	8	
43	Texas Red Oak *(quercus buckleyi)*	8	
44	Texas Red Oak *(quercus buckleyi)*	14	
45	Crepe Myrtle *(lagerstroemia)*	5	
46	Crepe Myrtle *(lagerstroemia)*	5	
47	Crepe Myrtle *(lagerstroemia)*	5	
48	Crepe Myrtle *(lagerstroemia)*	5	
49	Crepe Myrtle *(lagerstroemia)*	5	
50	Bald Cyprus *(taxodium distichum)*	14	
51	Bald Cyprus *(taxodium distichum)*	12	
52	Bald Cyprus *(taxodium distichum)*	12	
53	Bald Cyprus *(taxodium distichum)*	14	
54	Bald Cyprus *(taxodium distichum)*	15	
55	Bald Cyprus *(taxodium distichum)*	15	
56	Bald Cyprus *(taxodium distichum)*	14	
57	Bald Cyprus *(taxodium distichum)*	14	
58	Bald Cyprus *(taxodium distichum)*	10	
59	Bald Cyprus *(taxodium distichum)*	10	
60	Bald Cyprus *(taxodium distichum)*		5
61	Bald Cyprus *(taxodium distichum)*	5	
62	Bald Cyprus *(taxodium distichum)*	5	
63	Bald Cyprus *(taxodium distichum)*	5	
64	Bald Cyprus *(taxodium distichum)*	6	
65	Bald Cyprus *(taxodium distichum)*	5	
66	Bald Cyprus *(taxodium distichum)*	6	
67	Bald Cyprus *(taxodium distichum)*	-	
68	Bald Cyprus *(taxodium distichum)*	6	
69	Bald Cyprus *(taxodium distichum)*	4	
70	Bald Cyprus *(taxodium distichum)*	5	
71	Bald Cyprus *(taxodium distichum)*	5	
72	Bald Cyprus *(taxodium distichum)*	5	
73	Bald Cyprus *(taxodium distichum)*	5	
74	Bald Cyprus *(taxodium distichum)*	6	
75	Bald Cyprus *(taxodium distichum)*	5	
76	Bald Cyprus *(taxodium distichum)*	6	
77	Bald Cyprus *(taxodium distichum)*	4	
78	Bald Cyprus *(taxodium distichum)*	6	
79	Bald Cyprus *(taxodium distichum)*	6	
80	Bald Cyprus *(taxodium distichum)*	6	
81	Texas Red Oak *(quercus buckleyi)*		8
82	Yaupon Holly *(ilex vomitoria)*		-
83	Yaupon Holly *(ilex vomitoria)*		-
84	Crepe Myrtle *(lagerstroemia)*		5
85	Crepe Myrtle *(lagerstroemia)*		5
86	Crepe Myrtle *(lagerstroemia)*		5
87	Crepe Myrtle *(lagerstroemia)*		5
88	Crepe Myrtle *(lagerstroemia)*		5
89	Crepe Myrtle *(lagerstroemia)*		5
90	Texas Red Oak *(quercus buckleyi)*	9	
91	Texas Red Oak *(quercus buckleyi)*	9	
92	Texas Red Oak *(quercus buckleyi)*	8	
93	Ash	6	
94	Crepe Myrtle *(lagerstroemia)*	6	
		Planted	Retained	Removed
Total Inches		64	743	43



03-DETAIL: TREE FENCE PROTECTION

SCALE: 1/4"= 1'-0"



PROPER PRUNING FOR BRANCHES 1 1/2" OR GREATER DIA.

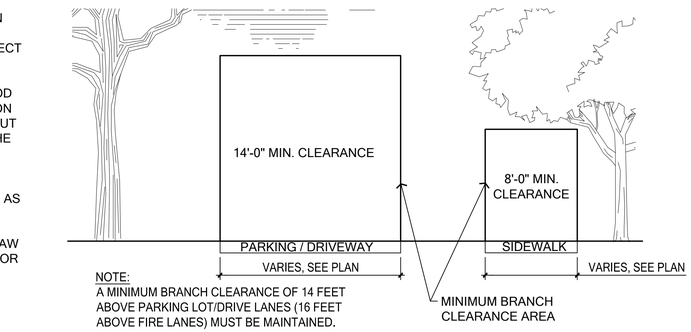
NOTE:DO NOT CUT FROM D TO E

A. FIRST CUT- TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
B. SECOND CUT- TO REDUCE THE WEIGHT OF BRANCH.
C. FINAL CUT- ALLOW FOR HEALING COLLAR BUT NO STUBS.
D. BRANCH RIDGES- INDENT PROPERLY BRANCH RIDGES WHICH ARE SITE FOR DECAY.

FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING SPRAY WITHIN 20 MINUTES TO PREVENT SPREAD OF OAK WILT

01-DETAIL: TREE PRUNING

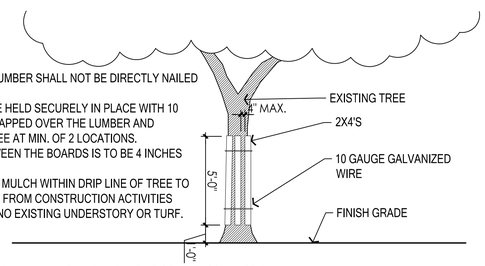
SCALE: 1/4"= 1'-0"



NOTE:
A MINIMUM BRANCH CLEARANCE OF 14 FEET ABOVE PARKING LOT/DRIVE LANES (16 FEET ABOVE FIRE LANES) MUST BE MAINTAINED.

04-DETAIL: TREE BRANCH CLEARANCE

SCALE: 1/4"= 1'-0"



NOTES:
1. PROTECTIVE LUMBER SHALL NOT BE DIRECTLY NAILED TO THE TREE
2. 2X4'S SHALL BE HELD SECURELY IN PLACE WITH 10 GAUGE WIRE WRAPPED OVER THE LUMBER AND AROUND THE TREE AT MIN. OF 2 LOCATIONS.
3. THE GAP BETWEEN THE BOARDS IS TO BE 4 INCHES OR LESS.
4. PROVIDE 6" OF MULCH WITHIN DRIP LINE OF TREE TO PROTECT ROOTS FROM CONSTRUCTION ACTIVITIES WHEN THERE IS NO EXISTING UNDERSTORY OR TURF.

02-DETAIL: TRUNK PROTECTION

SCALE: 1/4"= 1'-0"

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

gff ARCHITECTS
Dallas | Fort Worth | Austin

FIRST UNITED METHODIST CHURCH ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

SITE PLAN SUBMISSION

No.	Date	Revision

MC Drawn By
MSB Reviewed

REGISTERED LANDSCAPE ARCHITECT MARK STEPHEN BOWLES 2761 STATE OF TEXAS
05/15/2020

TREESCAPE PLAN

Project No. 18079.00
Date 03.19.2021

LS-100

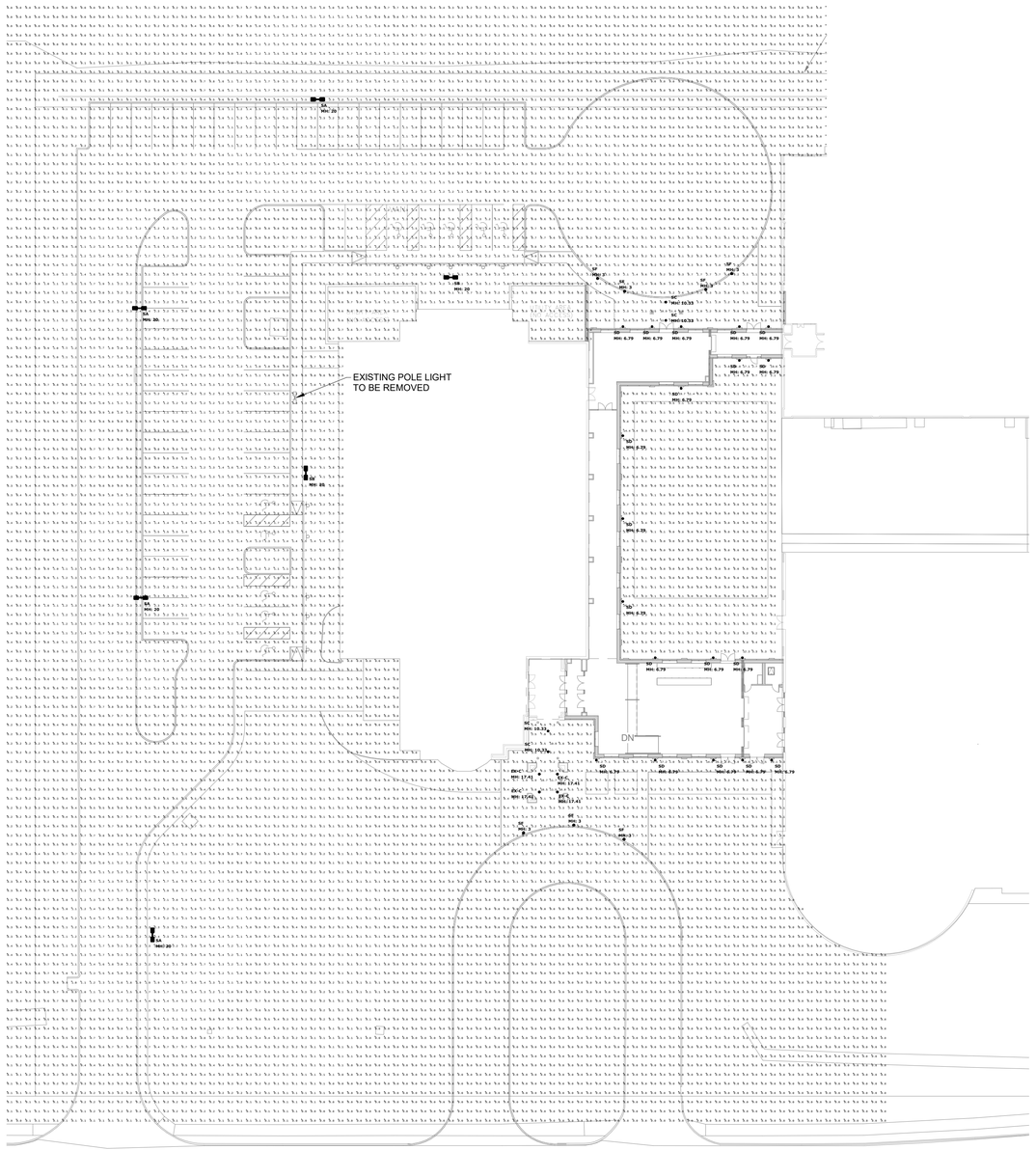
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SITE LIGHTING FIXTURE SCHEDULE

SCHEDULE NOTES:

1. PROVIDE ALL REQUIRED MOUNTING HARDWARE AND ACCESSORIES REQUIRED FOR MOUNTING NECESSARY

TYPE	DESCRIPTION	MANUFACTURER	MODEL#	VOLT	COLOR	LUMENS	VA
EX-C	EXISTING DOWNLIGHT			208 V	3500	1168	15 VA
SA	LED SITE POLE LIGHT	LITHONIA	RSX1-LED-P2-40K-R5-MVOLT-SPA-DDBXD	208 V	4000K	20000	72 VA
SB	LED SITE POLE LIGHT	LITHONIA	RSX1-LED-P1-40K-R4-MVOLT-SPA-DDBXD	208 V	4000K	13000	51 VA
SC	LED 4" CYLINDER	GOTHAM	EVO4SC-35/15-AR-WD-LD-MVOLT-JBXCC	208 V	3500	1500	14 VA
SD	EXTERIOR WALL SCONCE	GOTHAM	IO04WC-40/15-AR-LD-50D-MVOLT-EZ10-JBX-DN-WL	208 V	4000	1500	15 VA
SF	LED SITE BOLLARD	BEGA	99 570-79 817	208 V	4000	1091	14 VA



1 / E101 PHOTOMETRIC SITE PLAN

1" = 30'-0"

0 30 60 120 Feet

PLAN NORTH

gff ARCHITECTS
Dallas | Fort Worth | Austin

DESIGN DEVELOPMENT

FIRST UNITED METHODIST CHURCH ROCKWALL

1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

Author
Drawn By

Approver
Reviewed

STATE OF TEXAS
3/19/2021
JAMES S. RUSE
102703
LICENSED
PROFESSIONAL ENGINEER
05/15/2020

PHOTOMETRIC SITE PLAN

Project No. 18079
Date 03/18/21

E101

© Copyright 2019

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 (Resolution No. 05-22) [SELECT ONLY ONE BOX]:

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

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

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

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

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

PROPERTY INFORMATION [PLEASE PRINT]

Address	1200 E Yellow Jacket Ln, Rockwall, TX 75087				
Subdivision	First United Methodist Church	Lot	7	Block	1
General Location	West corner of E Yellow Jacket Road and Townsend Drive				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

Current Zoning	Commercial	Current Use	Church
Proposed Zoning	Commercial	Proposed Use	Church
Acreage	8.49	Lots [Current]	Lots [Proposed]

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

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

[✓] Owner	First United Methodist Rockwall	[✓] Applicant	Pacheco Koch Consulting Engineers Inc.
Contact Person	Gary Hancock	Contact Person	Quadri Akamo
Address	1200 E. Yellow Jacket Lane	Address	7557 Rambler Rd #1400
City, State & Zip	Rockwall, TX 75087	City, State & Zip	Dallas, TX 75231
Phone	9728391222	Phone	9722353031
E-Mail	ghancock@fumcrockwall.com	E-Mail	qakamo@pkce.com

NOTARY VERIFICATION [REQUIRED]

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

"I hereby certify that I am the owner, or duly authorized agent of the owner, for the purpose of this application; all information submitted herein is true and correct; and the application fee of $ 419.80 , to cover the cost of this application, has been paid to the City of Rockwall on this the 11 day of MARCH , 20 21 . 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 11TH day of MARCH , 20 21 .

Owner's/Applicant's Signature

Notary Public in and for the State of Texas

CHERYL ANN BOYANTON
My Notary ID # 125520088
Expires December 9, 2021

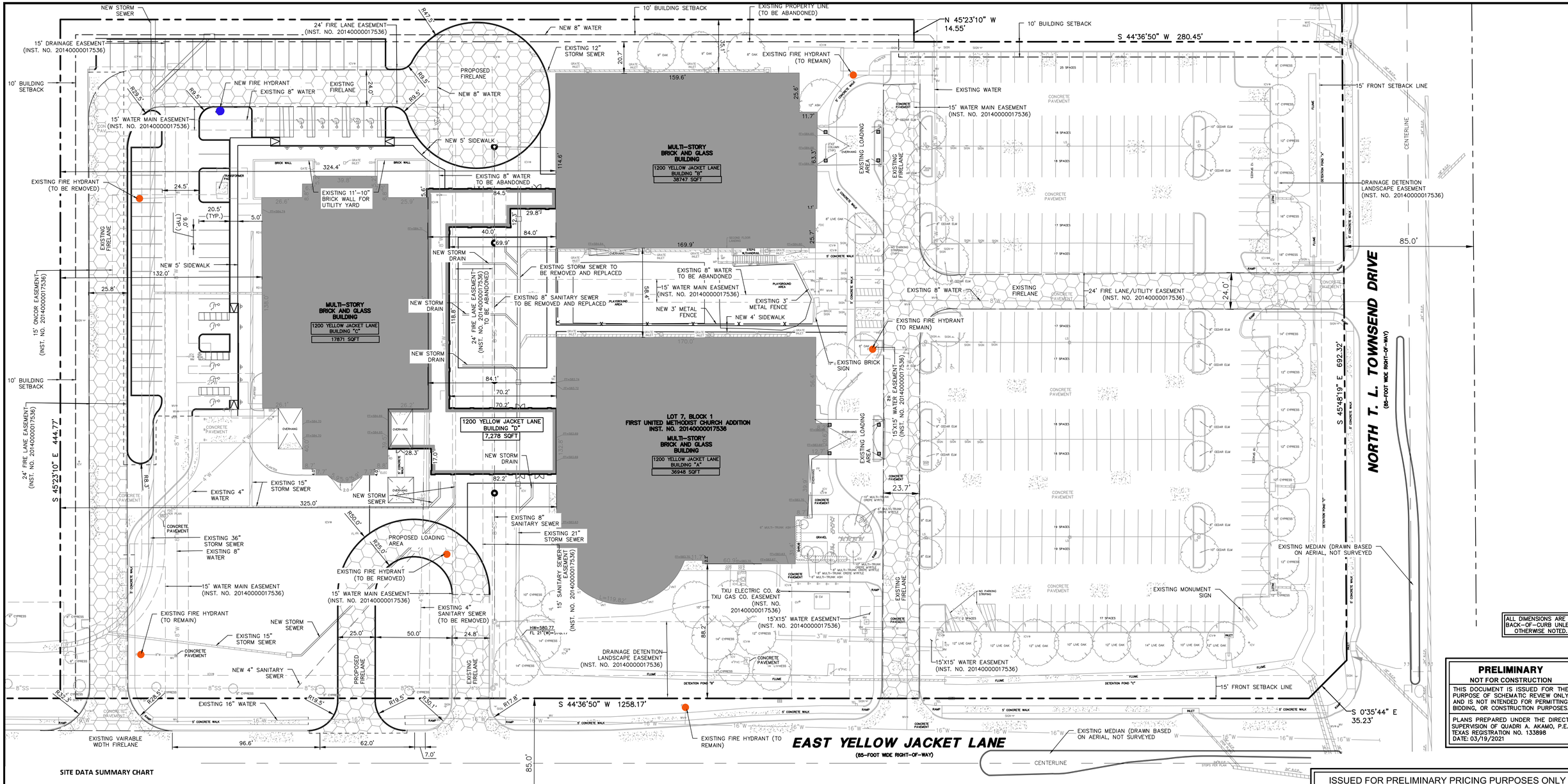
My Commission Expires



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.



ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.

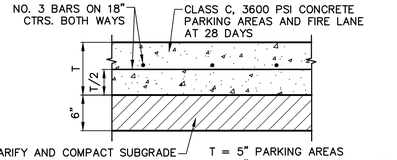
PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT IS ISSUED FOR THE PURPOSE OF SCHEMATIC REVIEW ONLY AND IS NOT INTENDED FOR PERMITTING, BIDDING, OR CONSTRUCTION PURPOSES.

PLANS PREPARED UNDER THE DIRECT SUPERVISION OF QUADRI A. AKAMO, P.E.
TEXAS REGISTRATION NO. 133898
DATE: 03/19/2021

SITE DATA SUMMARY CHART

TOTAL LOT AREA	369,609 sf = 8.485 ACRES
BUILDING AREA	
BUILDING A (EXISTING)	36,948 sf
BUILDING B (EXISTING)	38,747 sf
BUILDING C (EXISTING)	17,871 sf
BUILDING D (NEW)	7,278 sf
REQUIRED PARKING	
1 SPACE PER 4 SEATS	
NUMBER OF SEATS	1076
REQUIRED PARKING SPACES	269
REQUIRED ACCESSIBLE SPACES	8
VAN ACCESSIBLE SPACES	1 (1 PER 8 ACCESSIBLE SPACES)
NUMBER OF SPACES PROVIDED	
EXISTING STANDARD SPACES	253
NEW STANDARD SPACES	50
TOTAL STANDARD SPACES	303
EXISTING ACCESSIBLE SPACES	13
NEW ACCESSIBLE SPACE	9
EXISTING VAN SPACE	1
NEW VAN SPACE	1
TOTAL ACCESSIBLE & VAN SPACES	24
TOTAL PROVIDED SPACES	327
ROOF MECHANICAL SCREEN HEIGHT (MEASURED FROM PARAPET)	
BUILDING A (EXISTING)	6'-0"
BUILDING B (EXISTING)	8'-0"
BUILDING C (EXISTING)	N/A
BUILDING D (NEW)	3'-11 3/8"



NOTE: REFER TO GEOTECH REPORT FOR FURTHER INFORMATION

1 CONCRETE PAVEMENT SECTION
NOT TO SCALE

LEGEND

BOLLARD	TRAFFIC SIGN
ELECTRIC METER	1/2-INCH IRON ROD W/"PACHECO KOCH" CAP SET
POWER POLE	CONTROLLING MONUMENT
LIGHT STANDARD	PROPERTY LINE
WATER METER	FENCE
WATER VALVE	COORDINATE DESIGNATION
IRRIGATION CONTROL VALVE	PROPOSED FENCE
FIRE HYDRANT	FIRE LANE
CLEANOUT	GRADE BREAKS
MANHOLE	SWALES
TRAFFIC SIGNAL CONTROL	
TRAFFIC SIGNAL POLE	FIRE LANE
TELEPHONE BOX	
FLOOD LIGHT	FIRE HYDRANT
FLAG POLE	

GRAPHIC SCALE IN FEET (0, 15, 30, 60, 90)

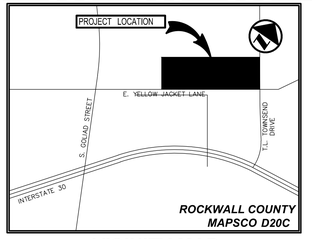
APPROVED:
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE [DAY] DAY OF [MONTH], [YEAR].

WITNESS OUR HANDS, THIS [DAY] DAY OF [MONTH], [YEAR].

PLANNING & ZONING COMMISSION, CHAIRMAN

DIRECTOR OF PLANNING AND ZONING

CASE NUMBER:



VICINITY MAP
(NOT TO SCALE)

ISSUED FOR PRELIMINARY PRICING PURPOSES ONLY
(SUBJECT TO REVISION PRIOR TO CONSTRUCTION)

THESE DOCUMENTS HAVE BEEN PREPARED BY THE ENGINEER WITH THE INTENT OF COMPLYING WITH ALL CITY STANDARD REQUIREMENTS. THESE DOCUMENTS HAVE **NOT** BEEN APPROVED AND RELEASED FOR CONSTRUCTION BY THE CITY AS OF THIS DATE AND, THEREFORE, REVISIONS MAY BE REQUIRED PRIOR TO CONSTRUCTION. BY ANY USE OF THESE DOCUMENTS, THE USER AFFIRMS THEIR UNDERSTANDING OF THE PRELIMINARY STATUS OF THE PLANS AND THE POTENTIAL FOR REVISION PRIOR TO ANY CONSTRUCTION.

NO.	DATE	REVISION

Pacheco Koch
7557 RAMBLER ROAD, SUITE 1400
DALLAS, TX 75231 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008000

SITE PLAN
FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

OWNER:
DR. JOE POOL
FIRST UNITED METHODIST ROCKWALL
1200 EAST YELLOW JACKET LANE
ROCKWALL, TEXAS 75087

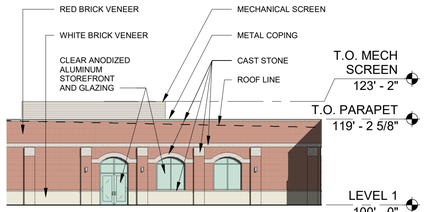
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
QA	GAC	MARCH 2021	1"=30'			C0.2

LAND USE: CHURCH

PK-2199-18.283 SITE PLAN.DWG PK FILE: 2199-18.283

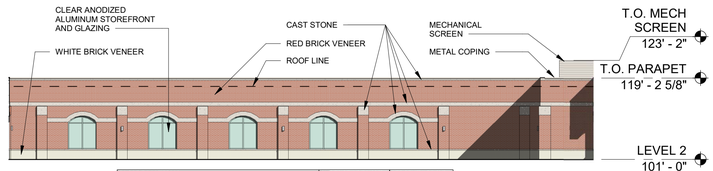
GCOLLINS
3/19/2021 7:40 AM
M:\DWG-21\2199-18.283\DWG\CIVIL C3D 2016\2199-18.283 SITE PLAN.DWG

FIRST UNITED METHODIST CHURCH



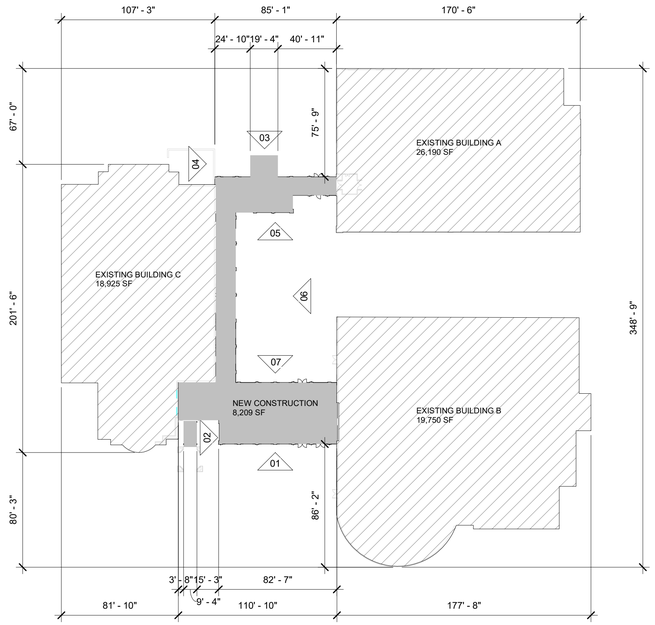
FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	194	13
RED BRICK VENEER	827	56
CAST STONE VENEER	167	11
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	157	11
METAL COPING	23	2
MECHANICAL SCREEN	111	8
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	1479	

07 A-1 ELEVATION - NORTH
1/16" = 1'-0"

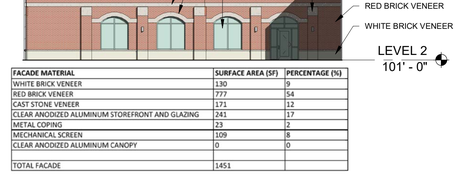


FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	266	11
RED BRICK VENEER	1559	64
CAST STONE VENEER	316	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	226	9
METAL COPING	42	2
MECHANICAL SCREEN	30	1
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	2439	

06 A-1 ELEVATION - EAST
1/16" = 1'-0"

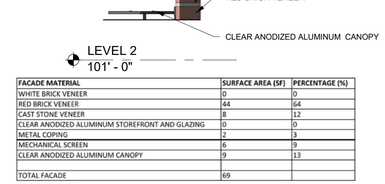


KEY PLAN
1" = 50'-0"



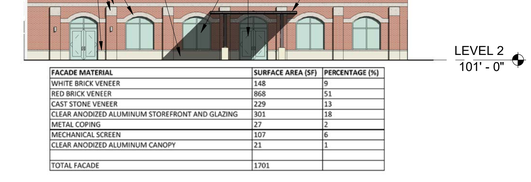
FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	130	9
RED BRICK VENEER	777	54
CAST STONE VENEER	171	12
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	241	17
METAL COPING	23	2
MECHANICAL SCREEN	109	8
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	1451	

05 A-1 ELEVATION - SOUTH
1/16" = 1'-0"



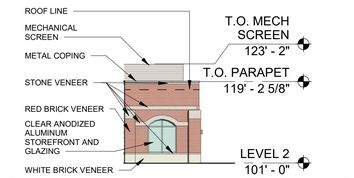
FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	0	0
RED BRICK VENEER	44	64
CAST STONE VENEER	8	12
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	0	0
METAL COPING	2	3
MECHANICAL SCREEN	6	9
CLEAR ANODIZED ALUMINUM CANOPY	9	13
TOTAL FACADE	69	

04 A-1 ELEVATION - WEST
1/16" = 1'-0"



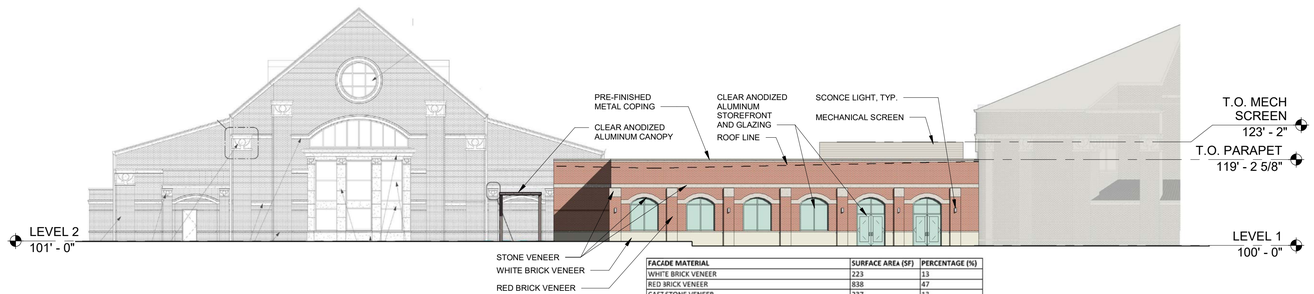
FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	148	9
RED BRICK VENEER	868	51
CAST STONE VENEER	229	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	301	18
METAL COPING	27	2
MECHANICAL SCREEN	107	6
CLEAR ANODIZED ALUMINUM CANOPY	21	1
TOTAL FACADE	1701	

03 A-1 ELEVATION - NORTH
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	35	10
RED BRICK VENEER	178	50
CAST STONE VENEER	48	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	45	13
METAL COPING	5	1
MECHANICAL SCREEN	46	13
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	357	

02 A-1 ELEVATION - WEST
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	223	13
RED BRICK VENEER	838	47
CAST STONE VENEER	237	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	314	18
METAL COPING	30	2
MECHANICAL SCREEN	111	6
CLEAR ANODIZED ALUMINUM CANOPY	19	1
TOTAL FACADE	1772	

01 A-1 ELEVATION - SOUTH
1/16" = 1'-0"

GENERAL NOTES

- ALL SIGNAGE SUBJECT TO BUILDING INSPECTION DEPARTMENT APPROVAL
- MECHANICAL UNITS SHALL BE SCREENED IN ACCORDANCE WITH THE ZONING ORDINANCE.
- UTILITY BOXES AND CONDUIT SHALL BE PAINTED TO MATCH BUILDING COLOR
- COLOR OF IMAGES BELOW IS APPROXIMATE AND MAY LOOK DIFFERENT WHEN VIEWED ON DIFFERENT ELECTRONIC DEVICES.
- ROOF ACCESS SHALL BE PROVIDED INTERNALLY, UNLESS OTHERWISE PERMITTED BY THE CHIEF BUILDING OFFICIAL

GENERAL EXTERIOR MATERIALS LIST - ALL EXTERIOR MATERIALS TO MATCH EXISTING ON SITE

1. EXTERIOR WALLS:
   - CAST STONE, COLOR TO MATCH CAST STONE ON EXISTING BUILDINGS ON CAMPUS
   - RED BRICK MASONRY, COLOR TO MATCH RED BRICK MASONRY ON EXISTING BUILDINGS ON CAMPUS
   - YELLOW BRICK MASONRY, COLOR TO MATCH YELLOW BRICK MASONRY ON EXISTING BUILDINGS ON CAMPUS
   - INSULATED GLAZING SET IN ALUMINUM STOREFRONT, GLAZING TO HAVE A MAXIMUM EXTERIOR VISIBLE REFLECTANCE OF 20%
2. ROOFING:
   - ROOFS TO BE THERMOPLASTIC-POLYOLEFIN (TPO).
   - MECHANICAL ROOF SCREEN TO BE PRE-FINISHED METAL - MATCH ROOF SCREENS ON EXISTING BUILDINGS A AND B
   - PRE-FINISHED METAL ROOF EDGE TRIM TO MATCH CAST STONE COLOR

MECHANICAL SCREEN / COPING

FABRAL, SANDSTONE

CAST STONE

NATURAL LIMESTONE

RED BRICK BLEND

1/3 ACME BRICK, GARNET | 1/3 ACME BRICK, AMARETTO | 1/3 ACME BRICK, CRIMSON

WHITE BRICK

ACME BRICK, RUSTIC WHITE

CLEAR ANODIZED ALUMINUM

STOREFRONT AND CANOPIES

GLAZING

LOW-E, GRAY TINT, TO MEET CURRENT ENERGY CODE

gff ARCHITECTS
Dallas | Fort Worth | Austin

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

GFF Drawn By
Approver Reviewed

THIS DOCUMENT IS NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION.

ARCHITECT/INTERIOR DESIGNER'S NAME.
03/19/2021

FACADE PLAN

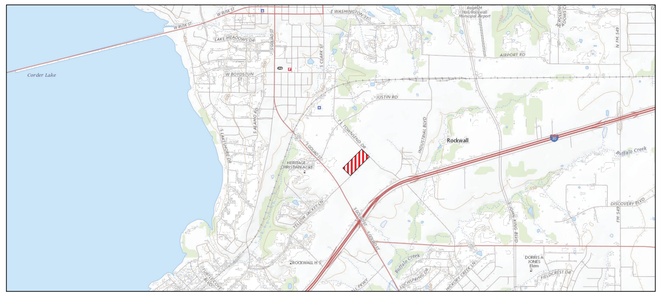
FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

Project No. 18079
Date 03/19/21

A-1

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LOCATION MAP



SCALE: NTS

PLAN NORTH

IRRIGATION NOTES

- IRRIGATION INSTALLATION TO BE DESIGN/BUILD BY THE CONTRACTOR / SUBCONTRACTOR
- ALL LAWN SURFACES TO BE FULLY IRRIGATED WITH 100% HEAD TO HEAD COVERAGE. NO ROTOR SPRAY HEADS ARE TO BE USED
- ALL TREES TO BE IRRIGATED WITH MIN. (2) RAIN BIRD RWS OR EQUAL.
- SLEEVES TO BE PROVIDED AS NEEDED TO CONNECT IRRIGATION LINES TO ANY PLANTED MEDIANS OR OTHER LANDSCAPE AREAS SEPARATED BY PAVEMENT PRIOR TO PAVEMENT INSTALLATION.
- NO IRRIGATION SPRAY IS TO BE DIRECTED ONTO WALKWAYS OR OTHER PAVEMENT.
- ALL IRRIGATION LINES SHALL BE LEAK-TESTED PRIOR TO BURIAL.
- SPRINKLER HEADS TO BE INSTALLED ONLY AFTER SYSTEM HAS BEEN COMPLETELY FLUSHED.
- ALL IRRIGATION AND RELATED EQUIPMENT INCLUDING (BUT NOT LIMITED TO) PIPING, VALVES, THRUST BLOCKS, CONTROL WIRE, VALVE BOXES, SPRINKLER HEADS, RISERS, ETC. TO BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- 'AS-BUILT' DRAWINGS FOR ALL IRRIGATION PLUMBING AND EQUIPMENT SHALL BE ACCURATELY MAINTAINED DURING INSTALLATION AND PROVIDED TO OWNER AT TIME OF FINAL ACCEPTANCE.
- IRRIGATION MUST FOLLOW ALL TCEQ 30 TAC 344
- ADAPT EXISTING IRRIGATION SYSTEM TO ACCOMMODATE REVISED PLANTING AREAS

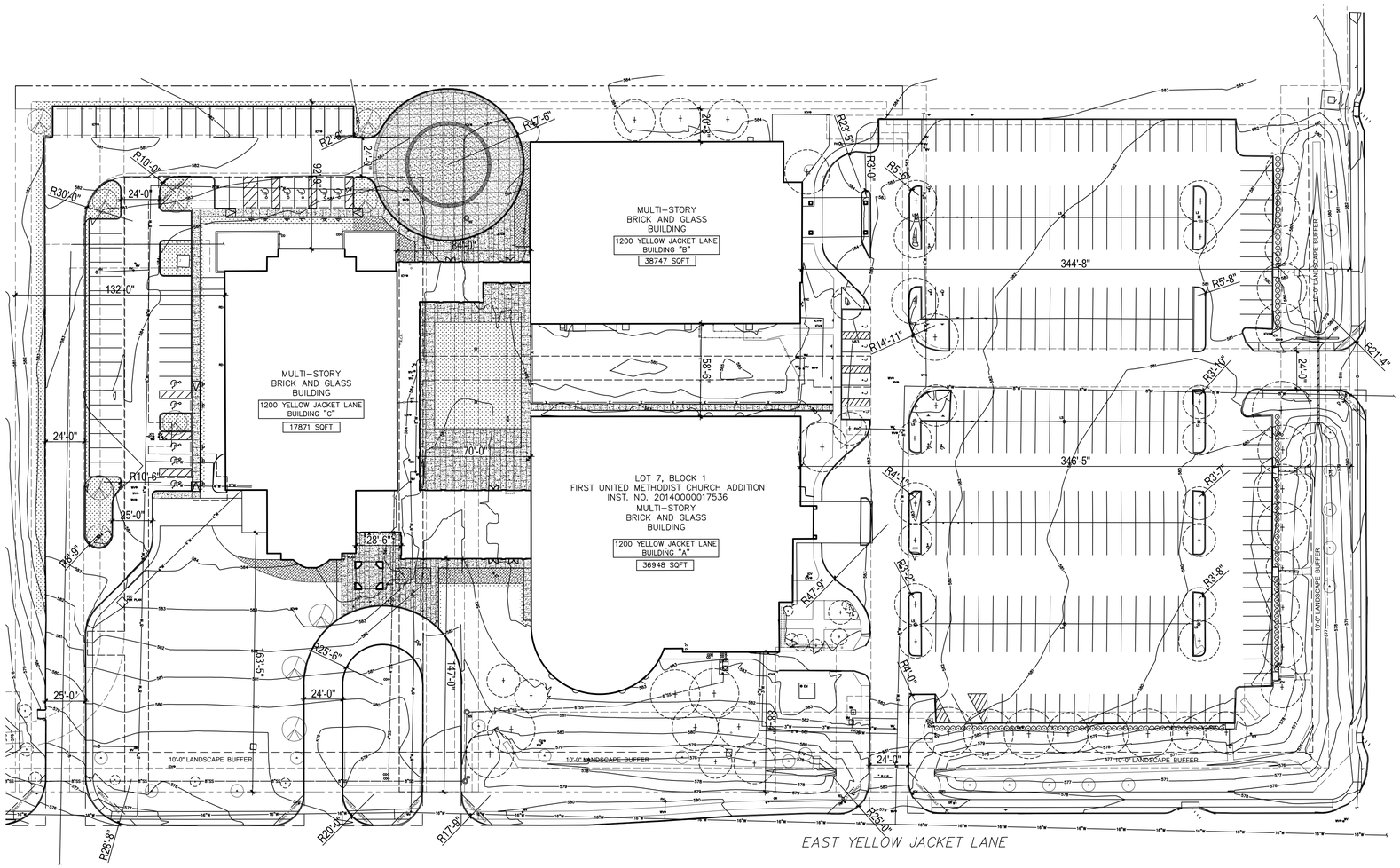
PLANTING LEGEND

- PROPOSED SHADE TREE 4" CAL. MIN CONTAINER GROWN
- PROPOSED ORNAMENTAL TREE 100 GAL. CONTAINER/ 10-12' HT.
- GROUNDCOVER
- LAWN AREA
- CONCRETE PAVING
- SCOFIELD INTEGRAL COLORED CONCRETE. COLOR: TBD
- SCOFIELD INTEGRAL COLORED CONCRETE. COLOR : TBD
- PROPERTY LINE
- EASEMENT LINE

PLANTING DESCRIPTION::

A. GROUNDCOVER PLANTING AREA - EXCAVATE AS NEEDED TO PROVIDE 8" OF PLANTING MIX AND 3" OF HARDWOOD MULCH; PLANT (45) #1 CONTAINER GROUNDCOVER PLANTS PER 100 SQ.FT. PROVIDE AUTOMATIC IRRIGATION SYSTEM.

B. LAWN AREA - PROVIDE MIN. 6" TOPSOIL COMPOST MIX WITH BERMUDA TIF 419 SOLID SOD. PROVIDE AUTOMATIC IRRIGATION SYSTEM.



Site Data

	Value (ft^2)	Percentage
Total Lot Area	358,340	100%
Impervious Area	230,422	64%
Pervious Area	127,918	36%
Landscape Open Space	87,431	24%
Landscape Area		
Required (Commercial Zoning)	71,668	20%
Total Area	119,046	33%
Required Front Yard	59,523	50%
Front Yard Landscaping	60,535	51%

Site	
Shade Trees Added	12
Accent Trees Added	25
Shrubs Added	127
Boundary	1098 LF
Requred Shade Trees	22
Shade Trees Provided	22
Required Accent Trees	22
Accent Trees	22
West Parking Lot	
Spaces	60
Required ShadeTrees (1:10 Spaces)	6
Shade Trees Provided	8

Scale: 1" = 40'-0"
0 20 40 80 Feet

PLAN NORTH TRUE NORTH

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

gff ARCHITECTS
Dallas | Fort Worth | Austin

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

MC Drawn By
MSB Reviewed

REGISTERED LANDSCAPE ARCHITECT MARK STEPHEN BONER 2767 STATE OF TEXAS
05/15/2020

LANDSCAPE PLAN

Project No. 18079.00
Date 03.19.2021

LS-101

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TREE PRESERVATION NOTES

A. ALL TREES SHALL REMAIN UNLESS NOTED ON THE PLANS.

B. NO SITE PREPARATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED.

C. ALL EXISTING TREES DENOTED TO REMAIN SHALL BE PROTECTED AT THE ROOT PROTECTION ZONE(RPZ). THE RPZ SHALL BE DETERMINED BY TREE SIZE (RECOMMENDED 12" RADIUS FROM TRUNK FOR EVERY 1" IN DIAMETER OF TRUNK AT 4.5' FROM GROUND) WITH A MINIMUM 5' DIAMETER FROM THE TRUNK.

D. A CHAIN LINK FENCE BARRIER DELINEATING THE RPZ SHALL BE ERECTED AND MAINTAINED BY THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETED.

E. RPZ SHALL BE SUSTAINED IN A NATURAL STATE AND SHALL BE FREE FROM VEHICULAR OR MECHANICAL TRAFFIC.

F. THE RPZ SHALL BE COVERED WITH MULCH AND BE MAINTAINED BY GENERAL CONTRACTOR DURING CONSTRUCTION PHASE TO REDUCE MOISTURE STRESS.

G. DURING CONSTRUCTION, NO EXCESS SOIL, ADDITIONAL FILL MATERIAL, EQUIPMENT, LIQUIDS, OR CONSTRUCTION DEBRIS SHALL BE PLACED INSIDE THE PROTECTION BARRIER, NOR SHALL ANY SOIL BE REMOVED FROM WITHIN THE BARRIER.

H. ANY DAMAGE DONE TO EXISTING TREE CROWNS OR ROOT SYSTEMS SHALL BE CUT CLEANLY IMMEDIATELY AFTER INJURY. ALL WOUNDS TO LIVE OAKS SHALL BE PAINTED WITH PRUNING PAINT WITHIN 30 MINUTES AFTER DAMAGE. ROOTS EXPOSED DURING CONSTRUCTION OPERATIONS WILL BE CUT CLEANLY.

I. THE PROPOSED FINISH GRADE AND ELEVATION OF LAND WITHIN THE RPZ OF ANY TREE TO BE PRESERVED SHALL NOT BE RAISED OR LOWERED MORE THAN THREE INCHES. WELLING AND RETAINING METHODS ARE ALLOWED OUTSIDE THE RPZ.

J. THE RPZ SHALL REMAIN PERVIOUS, I.E. GROUNDCOVER OR TURF AT COMPLETION OF LANDSCAPE INSTALLATION.

K. THE ASSOCIATED TREE PROTECTION DETAIL COMPLIES WITH THE MINIMUM TREE PROTECTION GUIDELINES FROM THE CITY OF ROCKWALL.

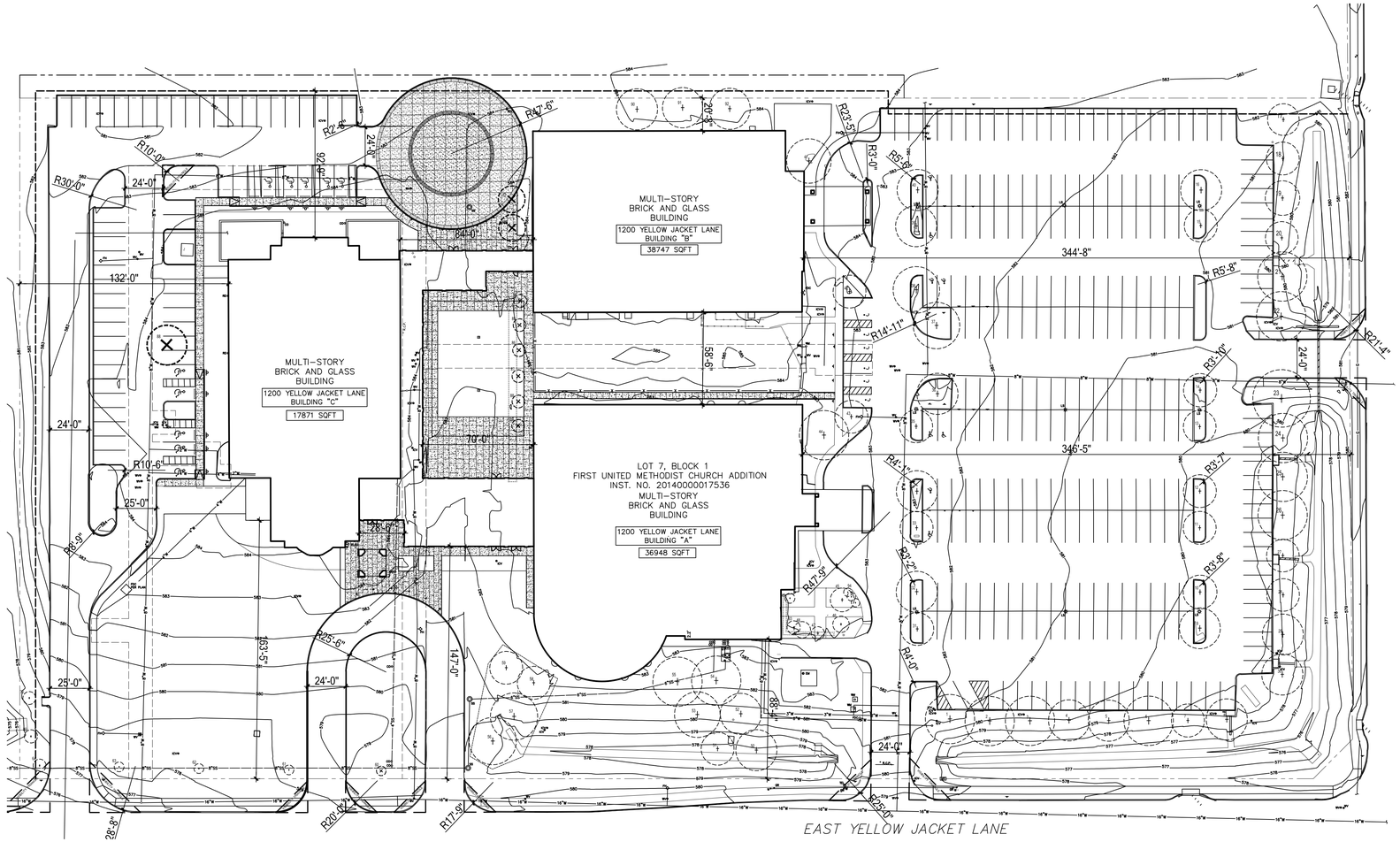
L. WHERE POSSIBLE, PROVIDE FENCE TO TREE DRIP LINE OR GROUP TREES IN FENCE PERIMETER TO PROVIDE INCREASED PROTECTION.

M. NO WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.

N. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED PER THE GOVERNING JURISDICTION THE PROJECT IS LOCATED WITHIN.

0. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE BUT IS NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.

P. ROOTS SHALL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.



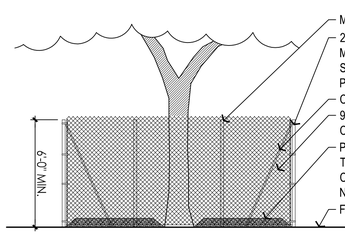
TREE PRES. LEGEND

- PROPERTY LINE
- EASEMENT LINE
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- 2x4 TREE PROTECTION
- TREE PROTECTION FENCE

Tree #	Species	Retained DBH Inches	Removed DBH Inches
1	Live Oak *(quercus virginiana)*	12	
2	Live Oak *(quercus virginiana)*	12	
3	Live Oak *(quercus virginiana)*	12	
4	Live Oak *(quercus virginiana)*	10	
5	Live Oak *(quercus virginiana)*	12	
6	Live Oak *(quercus virginiana)*	14	
7	Live Oak *(quercus virginiana)*	10	
8	Live Oak *(quercus virginiana)*	12	
9	Cedar Elm *(ulmus crassifolia)*	1	
10	Cedar Elm *(ulmus crassifolia)*	8	
11	Cedar Elm *(ulmus crassifolia)*	11	
12	Cedar Elm *(ulmus crassifolia)*	8	
13	Cedar Elm *(ulmus crassifolia)*	8	
14	Cedar Elm *(ulmus crassifolia)*	8	
15	Cedar Elm *(ulmus crassifolia)*	6	
16	Cedar Elm *(ulmus crassifolia)*	10	
17	Bald Cyprus *(taxodium distichum)*	17	
18	Bald Cyprus *(taxodium distichum)*	11	
19	Bald Cyprus *(taxodium distichum)*	12	
20	Bald Cyprus *(taxodium distichum)*	12	
21	Bald Cyprus *(taxodium distichum)*	16	
22	Bald Cyprus *(taxodium distichum)*	18	
23	Bald Cyprus *(taxodium distichum)*	14	
24	Bald Cyprus *(taxodium distichum)*	12	
25	Bald Cyprus *(taxodium distichum)*	12	
26	Bald Cyprus *(taxodium distichum)*	12	
27	Bald Cyprus *(taxodium distichum)*	12	
28	Bald Cyprus *(taxodium distichum)*	12	
29	Bald Cyprus *(taxodium distichum)*	12	
30	Bald Cyprus *(taxodium distichum)*	12	
31	Cedar Elm *(ulmus crassifolia)*	8	
32	Cedar Elm *(ulmus crassifolia)*	9	
33	Cedar Elm *(ulmus crassifolia)*	7	
34	Cedar Elm *(ulmus crassifolia)*	9	
35	Cedar Elm *(ulmus crassifolia)*	8	
36	Cedar Elm *(ulmus crassifolia)*	9	
37	Cedar Elm *(ulmus crassifolia)*	9	
38	Cedar Elm *(ulmus crassifolia)*	8	
39	Cedar Elm *(ulmus crassifolia)*	8	
40	Cedar Elm *(ulmus crassifolia)*	8	
41	Ash	12	
42	Live Oak *(quercus virginiana)*	8	
43	Texas Red Oak *(quercus buckleyi)*	8	
44	Texas Red Oak *(quercus buckleyi)*	14	
45	Crepe Myrtle *(lagerstroemia)*	5	
46	Crepe Myrtle *(lagerstroemia)*	5	
47	Crepe Myrtle *(lagerstroemia)*	5	
48	Crepe Myrtle *(lagerstroemia)*	5	
49	Crepe Myrtle *(lagerstroemia)*	5	
50	Bald Cyprus *(taxodium distichum)*	14	
51	Bald Cyprus *(taxodium distichum)*	12	
52	Bald Cyprus *(taxodium distichum)*	12	
53	Bald Cyprus *(taxodium distichum)*	14	
54	Bald Cyprus *(taxodium distichum)*	15	
55	Bald Cyprus *(taxodium distichum)*	15	
56	Bald Cyprus *(taxodium distichum)*	14	
57	Bald Cyprus *(taxodium distichum)*	14	
58	Bald Cyprus *(taxodium distichum)*	10	
59	Bald Cyprus *(taxodium distichum)*	10	
60	Bald Cyprus *(taxodium distichum)*		5
61	Bald Cyprus *(taxodium distichum)*	5	
62	Bald Cyprus *(taxodium distichum)*	5	
63	Bald Cyprus *(taxodium distichum)*	5	
64	Bald Cyprus *(taxodium distichum)*	6	
65	Bald Cyprus *(taxodium distichum)*	5	
66	Bald Cyprus *(taxodium distichum)*	6	
67	Bald Cyprus *(taxodium distichum)*	-	
68	Bald Cyprus *(taxodium distichum)*	6	
69	Bald Cyprus *(taxodium distichum)*	4	
70	Bald Cyprus *(taxodium distichum)*	5	
71	Bald Cyprus *(taxodium distichum)*	5	
72	Bald Cyprus *(taxodium distichum)*	5	
73	Bald Cyprus *(taxodium distichum)*	5	
74	Bald Cyprus *(taxodium distichum)*	6	
75	Bald Cyprus *(taxodium distichum)*	5	
76	Bald Cyprus *(taxodium distichum)*	6	
77	Bald Cyprus *(taxodium distichum)*	4	
78	Bald Cyprus *(taxodium distichum)*	6	
79	Bald Cyprus *(taxodium distichum)*	6	
80	Bald Cyprus *(taxodium distichum)*	6	
81	Texas Red Oak *(quercus buckleyi)*		8
82	Yaupon Holly *(ilex vomitoria)*		-
83	Yaupon Holly *(ilex vomitoria)*		-
84	Crepe Myrtle *(lagerstroemia)*		5
85	Crepe Myrtle *(lagerstroemia)*		5
86	Crepe Myrtle *(lagerstroemia)*		5
87	Crepe Myrtle *(lagerstroemia)*		5
88	Crepe Myrtle *(lagerstroemia)*		5
89	Crepe Myrtle *(lagerstroemia)*		5
90	Texas Red Oak *(quercus buckleyi)*	9	
91	Texas Red Oak *(quercus buckleyi)*	9	
92	Texas Red Oak *(quercus buckleyi)*	8	
93	Ash	6	
94	Crepe Myrtle *(lagerstroemia)*	6	
		Planted	Retained / Removed
Total Inches		64	743 / 43

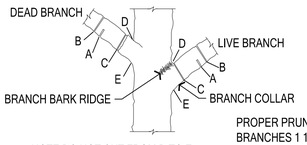
Scale: 1" = 40'-0"
0 20 40 80 Feet

PLAN NORTH TRUE NORTH



03-DETAIL: TREE FENCE PROTECTION

SCALE: 1/4"= 1'-0"



PROPER PRUNING FOR BRANCHES 1 1/2" OR GREATER DIA.

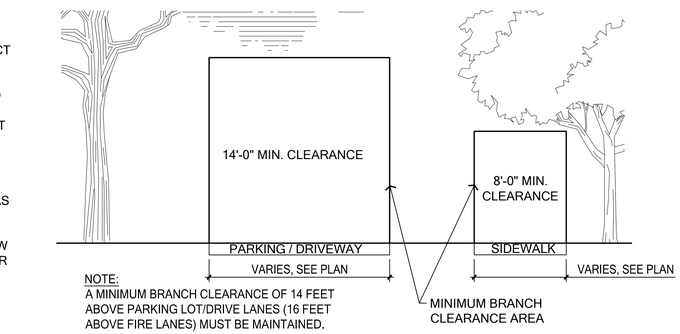
NOTE:DO NOT CUT FROM D TO E

A. FIRST CUT- TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
B. SECOND CUT- TO REDUCE THE WEIGHT OF BRANCH.
C. FINAL CUT- ALLOW FOR HEALING COLLAR BUT NO STUBS.
D. BRANCH RIDGES- INDENT PROPERLY BRANCH RIDGES WHICH ARE SITE FOR DECAY.

FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING SPRAY WITHIN 20 MINUTES TO PREVENT SPREAD OF OAK WILT

01-DETAIL: TREE PRUNING

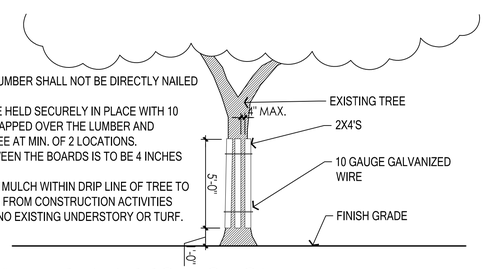
SCALE: 1/4"= 1'-0"



NOTE:
A MINIMUM BRANCH CLEARANCE OF 14 FEET ABOVE PARKING LOT/DRIVE LANES (16 FEET ABOVE FIRE LANES) MUST BE MAINTAINED.

04-DETAIL: TREE BRANCH CLEARANCE

SCALE: 1/4"= 1'-0"



NOTES:
1. PROTECTIVE LUMBER SHALL NOT BE DIRECTLY NAILED TO THE TREE
2. 2X4'S SHALL BE HELD SECURELY IN PLACE WITH 10 GAUGE WIRE WRAPPED OVER THE LUMBER AND AROUND THE TREE AT MIN. OF 2 LOCATIONS.
3. THE GAP BETWEEN THE BOARDS IS TO BE 4 INCHES OR LESS.
4. PROVIDE 6" OF MULCH WITHIN DRIP LINE OF TREE TO PROTECT ROOTS FROM CONSTRUCTION ACTIVITIES WHEN THERE IS NO EXISTING UNDERSTORY OR TURF.

02-DETAIL: TRUNK PROTECTION

SCALE: 1/4"= 1'-0"

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

gff ARCHITECTS
Dallas | Fort Worth | Austin

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

MC
Drawn By
MSB
Reviewed

REGISTERED LANDSCAPE ARCHITECT MARK STEPHEN BOWLES 2761 STATE OF TEXAS
05/15/2020

TREESCAPE PLAN

Project No. 18079.00
Date 03.19.2021

LS-100

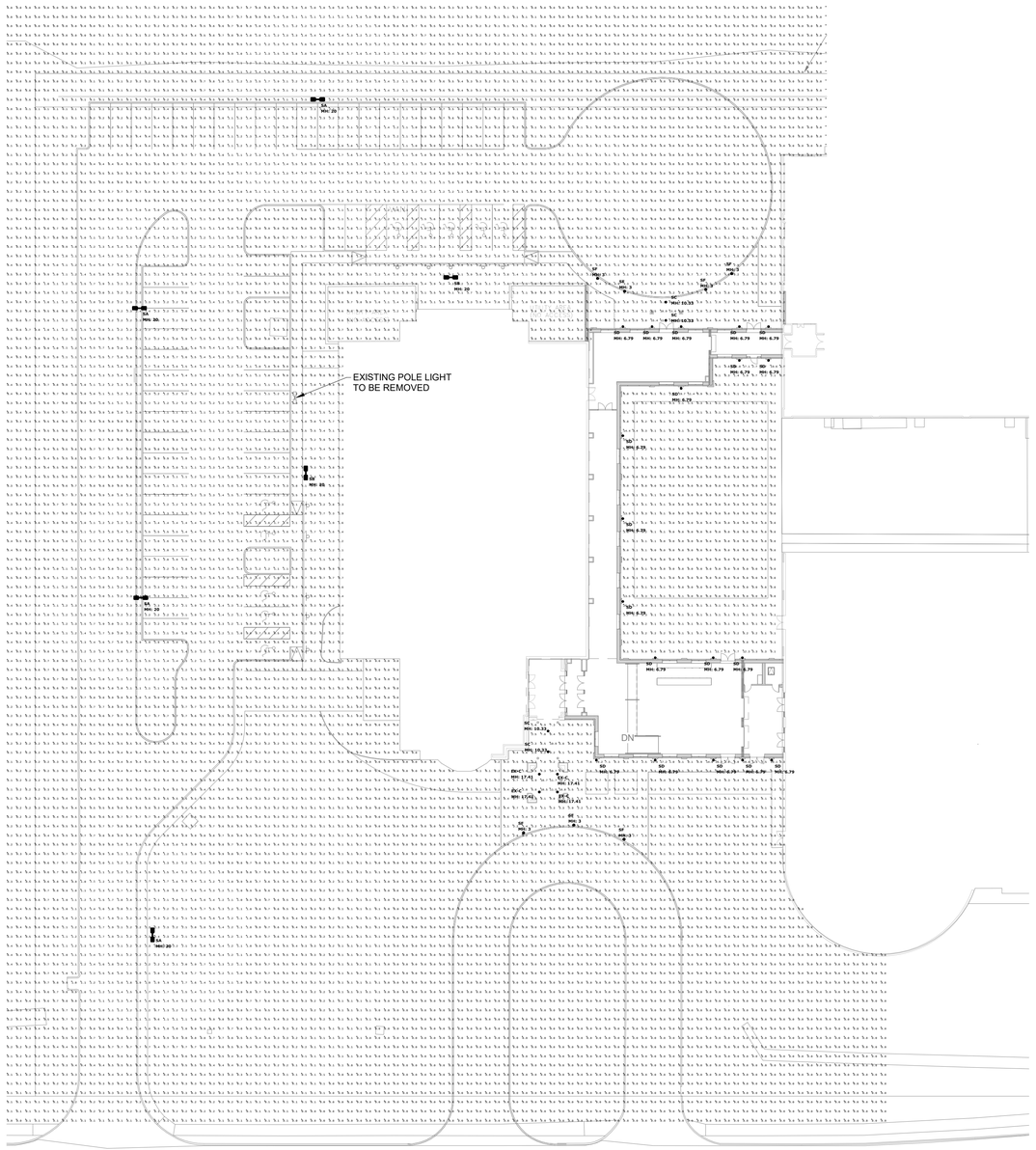
© Copyright 2019

SITE LIGHTING FIXTURE SCHEDULE

SCHEDULE NOTES:

1. PROVIDE ALL REQUIRED MOUNTING HARDWARE AND ACCESSORIES REQUIRED FOR MOUNTING NECESSARY

TYPE	DESCRIPTION	MANUFACTURER	MODEL#	VOLT	COLOR	LUMENS	VA
EX-C	EXISTING DOWNLIGHT			208 V	3500	1168	15 VA
SA	LED SITE POLE LIGHT	LITHONIA	RSX1-LED-P2-40K-R5-MVOLT-SPA-DDBXD	208 V	4000K	20000	72 VA
SB	LED SITE POLE LIGHT	LITHONIA	RSX1-LED-P1-40K-R4-MVOLT-SPA-DDBXD	208 V	4000K	13000	51 VA
SC	LED 4" CYLINDER	GOTHAM	EVO4SC-35/15-AR-WD-LD-MVOLT-JBXCC	208 V	3500	1500	14 VA
SD	EXTERIOR WALL SCONCE	GOTHAM	IC04WC-40/15-AR-LD-50D-MVOLT-EZ10-JBX-DN-WL	208 V	4000	1500	15 VA
SF	LED SITE BOLLARD	BEGA	99 570-79 817	208 V	4000	1091	14 VA



1 / E101 PHOTOMETRIC SITE PLAN

1" = 30'-0"

0 30 60 120 Feet

PLAN NORTH

gff ARCHITECTS
Dallas | Fort Worth | Austin

DESIGN DEVELOPMENT

FIRST UNITED METHODIST CHURCH ROCKWALL

1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

Author
Drawn By

Approver
Reviewed

STATE OF TEXAS
3/19/2021
JAMES S. RUSE
102703
LICENSED
PROFESSIONAL ENGINEER
05/15/2020

PHOTOMETRIC SITE PLAN

Project No. 18079
Date 03/18/21

E101

© Copyright 2019

PROJECT COMMENTS

CITY OF ROCKWALL
385 S. GOLIAD STREET
ROCKWALL, TEXAS 75087
PHONE: (972) 771-7700

DATE: 3/25/2021

PROJECT NUMBER:	SP2021-006	CASE MANAGER:	Henry Lee
PROJECT NAME:	Site Plan for First United Methodist Church	CASE MANAGER PHONE:	972.772.6434
SITE ADDRESS/LOCATIONS:	1200 E YELLOW JACKET LN, ROCKWALL, 75087	CASE MANAGER EMAIL:	hlee@rockwall.com

CASE CAPTION: Discuss and consider a request by Quadri Akamo of Pacheco Koch Consulting Engineers, Inc. on behalf of Gary Hancock of the First United Methodist Church of Rockwall for the approval of an Amended Site Plan for the expansion of an existing House of Worship on a 8.49-acre parcel of land identified as Lot 7, Block 1, First United Methodist Church Addition, City of Rockwall, Rockwall County, Texas, zoned Commercial (C) District, addressed as 1200 E. Yellow Jacket Lane, and take any action necessary.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
PLANNING	Henry Lee	03/25/2021	Approved w/ Comments

03/25/2021: Please address the following comments (M= Mandatory Comments; I = Informational Comments)

I.1 This is a request for the approval of an Amended Site Plan for the expansion of an existing House of Worship on a 8.49-acre parcel of land identified as Lot 7, Block 1, First United Methodist Church Addition, City of Rockwall, Rockwall County, Texas, zoned Commercial (C) District, addressed as 1200 E. Yellow Jacket Lane.

I.2 For questions or comments concerning this case please contact Henry Lee in the Planning Department at (972) 772-6434 or email hlee@rockwall.com.

M.3 For reference, include the case number (SP2021-006) in the lower right-hand corner of all pages of all revised plan submittals. (Subsection 01.02(D), Article 11, UDC)

I.4 This project is subject to all requirements stipulated by the Unified Development Code (UDC), the Commercial (C) District standards and the Development Standards of Article V, that are applicable to the subject property.

M.5 Site Plan:

1. Remove the date placeholders in the signature block. (Subsection 03.04.A, of Article 11)
2. Verify the acreage and square footage. (Subsection 03.04. B, of Article 11)
3. Provide staff material sample board that details all building materials, with each material clearly labeled and indicating manufacturer info, color, etc. (Subsection 03.04. A, of Article 11)
4. Include all the perimeter dimension on the site; the NW property line does not have the dimensions labeled. (Subsection 03.04. B, of Article 1)
5. Verify the proposed and existing buildings square footage, they vary between plans. (Subsection 03.04. B, of Article 11)
6. The property will need to be replat due the added piece of land on the north side of the lot. (Subsection 03.04. B, of Article 11)
7. Only label the building setbacks adjacent to a right-of-way. (Subsection 03.04. B, of Article 11)
8. Verify the number of spaces in each row of parking. The callouts are not all correct. (Subsection Table 5, Article 06)
9. Identify the roof mounted utility equipment and the subsequent screening. (Subsection 01.05, of Article 05)

M.6 Landscape Plan:

1. Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. Verify the lot areas between the plans. (Section 2.1 of this checklist)
2. Include the species and quantity of trees and shrubs to be planted in the landscape table. Also canopy trees must be 4” caliper and shrubs are a 5-gallon minimum. (Subsection 05.03. B, of Art. 08)
3. Yellow Jacket requires 25 canopy trees and accent trees; there are 15 canopy trees and 12 accent trees proposed. Townsend Drive requires 14 canopy trees and accent trees; there are 14 canopy and 8 accent trees proposed. (Subsection 05.03. E. 4, of Art. 08)
4. Verify that the trees will be planted at least five feet from water, sewer, and storm sewer lines. (Subsection 05.03. E, of Article 08)

5. Provide a note indicating the irrigation will meet the requirements of the UDC. (Subsection 05.04, of Article 08)
6. The developer shall establish grass and maintain the seeded area, including watering, until a “Permanent Stand of Grass” is obtained at which time the project will be accepted by the City. A “Stand of Grass” shall consist of 75% to 80% coverage and a minimum of one-inch (1”) in height as determined by the City. The South-East side of the property does not show any grass, please indicate what is to be done. (Sec. 4.2, Coverage, Engr Standards of Design and Construction)

M.7 Treescape Plan

1. Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. Verify the lot areas between the plans. (Section 2.1 of this checklist)
2. Indicate the species, quantities, and sizes of plants; canopy trees 4” and shrubs 5 gallon. Also accent trees do not count towards the mitigation balance (i.e. Crepe Myrtle). (Subsection 03.01. G, of Article 09)

M.8 Photometric Plan:

1. Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. (Section 2.1 of this checklist)
2. The maximum outdoor maintained, computed and measured illumination level within any nonresidential development shall not exceed 20 FC outdoors at any point on the site, with a maximum of 0.2 FC at the property line. The proposed photometric plan currently exceeds both of these metrics and must be corrected. (Subsection 03.03. G, of Article 07)
3. If there is up-lighting it cannot exceed 15 watts. (Subsection 03.03. A, of Article 07)
4. Provide elevation drawings or cut-sheets of proposed light fixtures. (Subsection 03.03, of Article 07)

M.9 Building Elevations:

1. A physical material sample board is still required. It should include the specifications and description of all proposed building materials, on all proposed buildings. View page 15 of the development packet for more information. (Subsection 04.01, of Article 05)
2. Indicate the height of the parapet wall. (Subsection 04.01, of Article 05)
3. Indicate any proposed roof mounted mechanical equipment and indicate how these will be screened from view. Consider crosshatching on the elevations where any roof mounted units will be located. (Subsection 01.05. C, of Article 05)
4. The proposed addition does not meet the horizontal articulation requirements. This would be a variance to the code requiring two (2) compensatory measures. (Subsection 04.01. C. A, of Article 05)

M.10 The signature block must be on all sheets of the submittal. (Subsection 03.04. B, of Article 11)

M.11 The U-shaped drive will require a variance request due to the driveway spacing.

I.12 Please notify staff if no variances/exceptions are being requested and that all comments will be addressed. If none are being requested and all comments are addressed then this site plan may be handled administratively.

I.13 Please note that failure to address all comments provided by staff by 3:00 PM on April 6, 2021 will result in the automatic denial of the case on the grounds of an incomplete submittal. No refund will be given for cases that are denied due to an incomplete submittal, and a new application and fee will be required to resubmit the case.

I.14 Staff has identified the aforementioned items necessary to continue the submittal process. Please make these revisions and corrections, and provide any additional information that is requested. Revisions for this case will be due on April 6, 2021; however, it is encouraged for applicants to submit revisions as soon as possible to give staff ample time to review the case prior to the April 13, 2021 Planning & Zoning Meeting.

I.15 Please note the scheduled meetings for this case:

1) Architectural Review Board meeting will be held on March 30, 2021.
2) Planning & Zoning Work Session meeting will be held on March 30, 2021.
3) Planning & Zoning meeting/public hearing meeting will be held on April 13, 2021.

I.16 All meetings will be held in person and in the City’s Council Chambers. Planning and Zoning and City Council are scheduled to begin at 6:00 p.m., the Architectural Review Board will begin at 5:00 p.m. The City prefers that a representative(s) be present for these meetings. During the upcoming work session meeting with the Planning and Zoning Commission, representative(s) are expected to present their case and answer any questions the Planning Commission may have regarding this request.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
ENGINEERING	Sarah Johnston	03/24/2021	Needs Review

03/24/2021: M - 20' waterline easement will be required, No Fences in easement.

M - Water line must be centered in 20' easement and ex. trees must be 10' from water line

M - Existing sanitary sewer and drainage lines under the building must be dedicated as private.

M - 20' Radius Min. for Fire Lane.

M - 25' Radius Min. fir driveways.

M - 95% compaction minimum. for subgrades
M - 6.5 sack min for concrete mix designs.
M -

The following items are informational for the engineering design process.
General Items:
I - Must meet City Standards of Design and Construction
I - 4% Engineering Inspection Fees
I - Impact Fees (Water, Wastewater & Roadway)
I - Minimum easement width is 20'. No structures, fences, walls etc. allowed in easements.
I - Retaining walls 3' and over must be engineered.
I - All retaining walls must be rock or stone face. No smooth concrete walls.
I- No signage in easements or right-of-way

Drainage Items:
M - Dumpster must drain to an oil/water separator before draining to the storm lines.
M - Must verify existing detention and must detain areas that weren't detained for in the previous construction. Keep same drainage patterns.

Water and Wastewater Items:
I - Water and Sewer existing. Building cannot be over waterline easement.
M - Existing sanitary sewer and drainage lines under the building must be dedicated as private.

Roadway Paving Items:
M - Parking to be 20'x9'.
I - Drive isles to be 24' wide.
I - No deadend parking allowed.
I- All paving to be reinforced concrete.

Landscaping:
I - No trees to be with 10' of any public water, sewer or storm line that is 10" in diameter or larger.
I - No trees to be with 5' of any public water, sewer, or storm line that is less than 10".

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
BUILDING	Rusty McDowell	03/22/2021	Approved

No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
FIRE	Ariana Kistner	03/24/2021	Needs Review

03/24/2021: Buildings or portions of buildings 30-feet or more in height above the lowest level of fire department vehicle access shall be provided with a fire lane a minimum of 15-feet to a maximum of 30-feet from the building and shall be positioned parallel to one entire side of the building. Confirm compliance with this requirement.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
GIS	Lance Singleton	03/22/2021	Approved

No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
POLICE	Henry Lee	03/25/2021	N/A

No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
PARKS	Travis Sales	03/22/2021	Approved w/ Comments

03/22/2021: Tree Mitigation Plan: approved

Landscape Plan: Please provide a plant legend showing species, sizes, etc.

Existing sanitary sewer and drainage lines under the building must be dedicated as private.

Water line must be centered in 20' easement and ex. trees must be 10' from water line

20' Radius Min.

20' waterline easement will be required, No Fences in easement.

20.5' min

24' min

25' Radius Min.

New Barrier Free Ramps

Must request a variance for driveway spacing.

6.5 sack min

95% compaction minimum.

General Items:
I - Must meet City Standards of Design and Construction
I - 4% Engineering Inspection Fees
I - Impact Fees (Water, Wastewater & Roadway)
I - Minimum easement width is 20'. No structures, fences, walls etc. allowed in easements.
I - Retaining walls 3' and over must be engineered.
I - All retaining walls must be rock or stone face. No smooth concrete walls.
I- No signage in easements or right-of-way

Drainage Items:
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Landscaping:
I - No trees to be with 10' of any public water, sewer or storm line that is 10" in diameter or larger.
I - No trees to be with 5' of any public water, sewer, or storm line that is less than 10".

ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.

PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT IS ISSUED FOR THE PURPOSE OF SCHEMATIC REVIEW ONLY AND IS NOT INTENDED FOR PERMITTING, BIDDING, OR CONSTRUCTION PURPOSES.

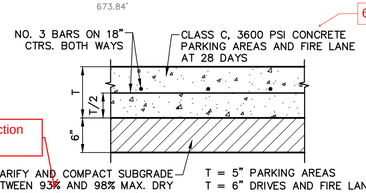
PLANS PREPARED UNDER THE DIRECT SUPERVISION OF QUADRI A. AKAMO, P.E. TEXAS REGISTRATION NO. 133898
DATE: 03/19/2021

ISSUED FOR PRELIMINARY PRICING PURPOSES ONLY
(SUBJECT TO REVISION PRIOR TO CONSTRUCTION)

THESE DOCUMENTS HAVE BEEN PREPARED BY THE ENGINEER WITH THE INTENT OF COMPLYING WITH ALL CITY STANDARD REQUIREMENTS. THESE DOCUMENTS HAVE **NOT** BEEN APPROVED AND RELEASED FOR CONSTRUCTION BY THE CITY AS OF THIS DATE AND, THEREFORE, REVISIONS MAY BE REQUIRED PRIOR TO CONSTRUCTION. BY ANY USE OF THESE DOCUMENTS, THE USER AFFIRMS THEIR UNDERSTANDING OF THE PRELIMINARY STATUS OF THE PLANS AND THE POTENTIAL FOR REVISION PRIOR TO ANY CONSTRUCTION.

SITE DATA SUMMARY CHART

TOTAL LOT AREA	369,609 sf = 8.485 ACRES
BUILDING AREA	
BUILDING A (EXISTING)	36,948 sf
BUILDING B (EXISTING)	38,747 sf
BUILDING C (EXISTING)	17,871 sf
BUILDING D (NEW)	7,278 sf
REQUIRED PARKING	
1 SPACE PER 4 SEATS	
NUMBER OF SEATS	1076
REQUIRED PARKING SPACES	269
REQUIRED ACCESSIBLE SPACES	8
VAN ACCESSIBLE SPACES	1 (1 PER 8 ACCESSIBLE SPACES)
NUMBER OF SPACES PROVIDED	
EXISTING STANDARD SPACES	253
NEW STANDARD SPACES	50
TOTAL STANDARD SPACES	303
EXISTING ACCESSIBLE SPACES	13
NEW ACCESSIBLE SPACE	9
EXISTING VAN SPACE	1
NEW VAN SPACE	1
TOTAL ACCESSIBLE & VAN SPACES	24
TOTAL PROVIDED SPACES	327
ROOF MECHANICAL SCREEN HEIGHT (MEASURED FROM PARAPET)	
BUILDING A (EXISTING)	6'-0"
BUILDING B (EXISTING)	8'-0"
BUILDING C (EXISTING)	N/A
BUILDING D (NEW)	3'-11 3/8"



NOTE: REFER TO GEOTECH REPORT FOR FURTHER INFORMATION

1 CONCRETE PAVEMENT SECTION
NOT TO SCALE

LEGEND

BOLLARD	TRAFFIC SIGN
ELECTRIC METER	1/2-INCH IRON ROD W/"PACHECO KOCH" CAP SET
POWER POLE	CONTROLLING MONUMENT
LIGHT STANDARD	PROPERTY LINE
WATER METER	FENCE
WATER VALVE	COORDINATE DESIGNATION
IRRIGATION CONTROL VALVE	PROPOSED FENCE
FIRE HYDRANT	FIRE LANE
CLEANOUT	GRADE BREAKS
MANHOLE	SWALES
TRAFFIC SIGNAL CONTROL	
TRAFFIC SIGNAL POLE	FIRE LANE
TELEPHONE BOX	
FLOOD LIGHT	FIRE HYDRANT
FLAG POLE	

APPROVED:
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE [DAY] DAY OF [MONTH], [YEAR].

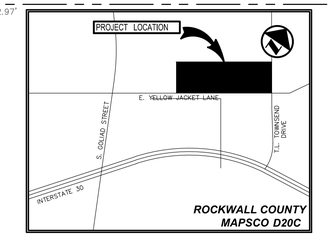
WITNESS OUR HANDS, THIS [DAY] DAY OF [MONTH], [YEAR].

PLANNING & ZONING COMMISSION, CHAIRMAN

DIRECTOR OF PLANNING AND ZONING

CASE NUMBER:

GRAPHIC SCALE IN FEET
0 15 30 60 90



VICINITY MAP
(NOT TO SCALE)

NO.	DATE	REVISION

Pacheco Koch
7557 RAMBLER ROAD, SUITE 1400
DALLAS, TX 75231 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008000

SITE PLAN
FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

OWNER:
DR. JOE POOL
FIRST UNITED METHODIST ROCKWALL
1200 EAST YELLOW JACKET LANE
ROCKWALL, TEXAS 75087

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
QA	GAC	MARCH 2021	1"=30'			C0.2

LAND USE: CHURCH

FIRST UNITED METHODIST CHURCH

GCOLLINS
3/19/2021 7:40 AM
M:\DWG-2\2199-18.283\DWG\CIVIL C3D 2016\2199-18.283 SITE PLAN.DWG

PK-2199-18.283 SITE PLAN.DWG PK FILE: 2199-18.283

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 (Resolution No. 05-22) [SELECT ONLY ONE BOX]:

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

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

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

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

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

PROPERTY INFORMATION [PLEASE PRINT]

Address	1200 E Yellow Jacket Ln, Rockwall, TX 75087				
Subdivision	First United Methodist Church	Lot	7	Block	1
General Location	West corner of E Yellow Jacket Road and Townsend Drive				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

Current Zoning	Commercial	Current Use	Church
Proposed Zoning	Commercial	Proposed Use	Church
Acreage	8.49	Lots [Current]	Lots [Proposed]

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

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

[✓] Owner	First United Methodist Rockwall	[✓] Applicant	Pacheco Koch Consulting Engineers Inc.
Contact Person	Gary Hancock	Contact Person	Quadri Akamo
Address	1200 E. Yellow Jacket Lane	Address	7557 Rambler Rd #1400
City, State & Zip	Rockwall, TX 75087	City, State & Zip	Dallas, TX 75231
Phone	9728391222	Phone	9722353031
E-Mail	ghancock@fumcrockwall.com	E-Mail	qakamo@pkce.com

NOTARY VERIFICATION [REQUIRED]

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

"I hereby certify that I am the owner, or duly authorized agent of the owner, for the purpose of this application; all information submitted herein is true and correct; and the application fee of $ 419.80 , to cover the cost of this application, has been paid to the City of Rockwall on this the 11 day of MARCH , 20 21 . 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 11TH day of MARCH , 20 21 .

Owner's/Applicant's Signature

Notary Public in and for the State of Texas

CHERYL ANN BOYANTON
My Notary ID # 125520088
Expires December 9, 2021

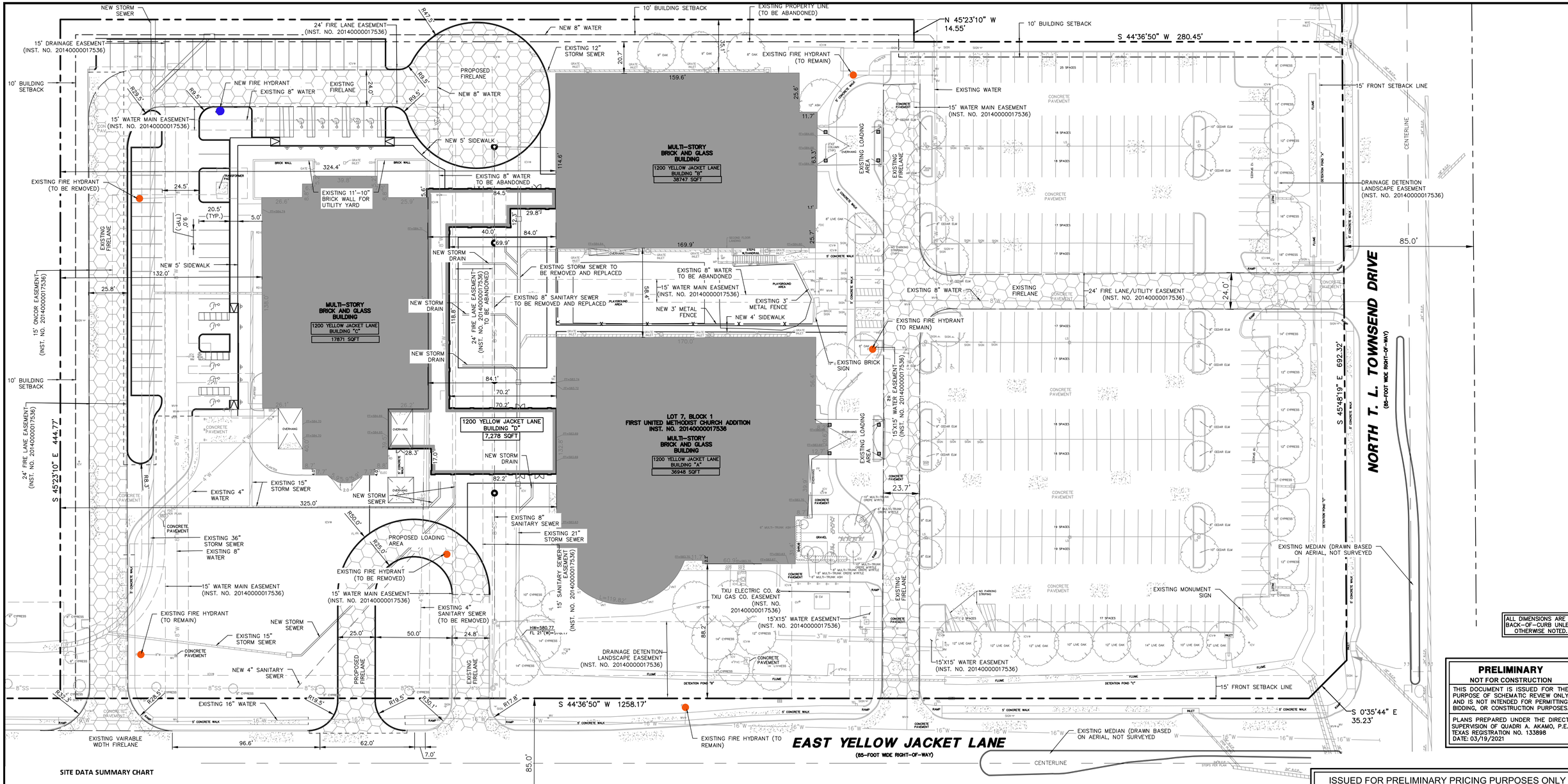
My Commission Expires



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.



ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.

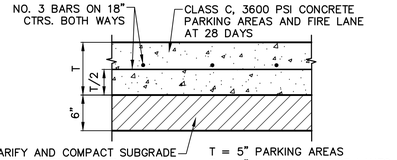
PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT IS ISSUED FOR THE PURPOSE OF SCHEMATIC REVIEW ONLY AND IS NOT INTENDED FOR PERMITTING, BIDDING, OR CONSTRUCTION PURPOSES.

PLANS PREPARED UNDER THE DIRECT SUPERVISION OF QUADRI A. AKAMO, P.E.
TEXAS REGISTRATION NO. 133898
DATE: 03/19/2021

SITE DATA SUMMARY CHART

TOTAL LOT AREA	369,609 sf = 8.485 ACRES
BUILDING AREA	
BUILDING A (EXISTING)	36,948 sf
BUILDING B (EXISTING)	38,747 sf
BUILDING C (EXISTING)	17,871 sf
BUILDING D (NEW)	7,278 sf
REQUIRED PARKING	
1 SPACE PER 4 SEATS	
NUMBER OF SEATS	1076
REQUIRED PARKING SPACES	269
REQUIRED ACCESSIBLE SPACES	8
VAN ACCESSIBLE SPACES	1 (1 PER 8 ACCESSIBLE SPACES)
NUMBER OF SPACES PROVIDED	
EXISTING STANDARD SPACES	253
NEW STANDARD SPACES	50
TOTAL STANDARD SPACES	303
EXISTING ACCESSIBLE SPACES	13
NEW ACCESSIBLE SPACE	9
EXISTING VAN SPACE	1
NEW VAN SPACE	1
TOTAL ACCESSIBLE & VAN SPACES	24
TOTAL PROVIDED SPACES	327
ROOF MECHANICAL SCREEN HEIGHT (MEASURED FROM PARAPET)	
BUILDING A (EXISTING)	6'-0"
BUILDING B (EXISTING)	8'-0"
BUILDING C (EXISTING)	N/A
BUILDING D (NEW)	3'-11 3/8"



NOTE: REFER TO GEOTECH REPORT FOR FURTHER INFORMATION

1 CONCRETE PAVEMENT SECTION
NOT TO SCALE

LEGEND

BOLLARD	TRAFFIC SIGN
ELECTRIC METER	1/2-INCH IRON ROD W/"PACHECO KOCH" CAP SET
POWER POLE	CONTROLLING MONUMENT
LIGHT STANDARD	PROPERTY LINE
WATER METER	FENCE
WATER VALVE	COORDINATE DESIGNATION
IRRIGATION CONTROL VALVE	PROPOSED FENCE
FIRE HYDRANT	FIRE LANE
CLEANOUT	GRADE BREAKS
MANHOLE	SWALES
TRAFFIC SIGNAL CONTROL	
TRAFFIC SIGNAL POLE	FIRE LANE
TELEPHONE BOX	
FLOOD LIGHT	FIRE HYDRANT
FLAG POLE	

GRAPHIC SCALE IN FEET (0, 15, 30, 60, 90)

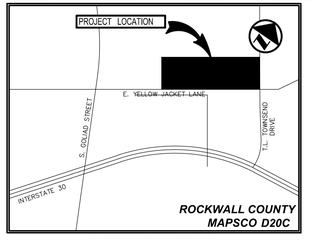
APPROVED:
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE [DAY] DAY OF [MONTH], [YEAR].

WITNESS OUR HANDS, THIS [DAY] DAY OF [MONTH], [YEAR].

PLANNING & ZONING COMMISSION, CHAIRMAN

DIRECTOR OF PLANNING AND ZONING

CASE NUMBER:



VICINITY MAP
(NOT TO SCALE)

ISSUED FOR PRELIMINARY PRICING PURPOSES ONLY
(SUBJECT TO REVISION PRIOR TO CONSTRUCTION)

THESE DOCUMENTS HAVE BEEN PREPARED BY THE ENGINEER WITH THE INTENT OF COMPLYING WITH ALL CITY STANDARD REQUIREMENTS. THESE DOCUMENTS HAVE **NOT** BEEN APPROVED AND RELEASED FOR CONSTRUCTION BY THE CITY AS OF THIS DATE AND, THEREFORE, REVISIONS MAY BE REQUIRED PRIOR TO CONSTRUCTION. BY ANY USE OF THESE DOCUMENTS, THE USER AFFIRMS THEIR UNDERSTANDING OF THE PRELIMINARY STATUS OF THE PLANS AND THE POTENTIAL FOR REVISION PRIOR TO ANY CONSTRUCTION.

NO.	DATE	REVISION

Pacheco Koch
7557 RAMBLER ROAD, SUITE 1400
DALLAS, TX 75231 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008000

SITE PLAN
FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

OWNER:
DR. JOE POOL
FIRST UNITED METHODIST ROCKWALL
1200 EAST YELLOW JACKET LANE
ROCKWALL, TEXAS 75087

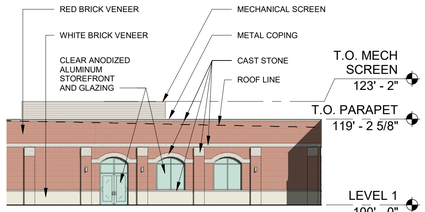
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
QA	GAC	MARCH 2021	1"=30'			C0.2

LAND USE: CHURCH

PK-2199-18.283 SITE PLAN.DWG PK FILE: 2199-18.283

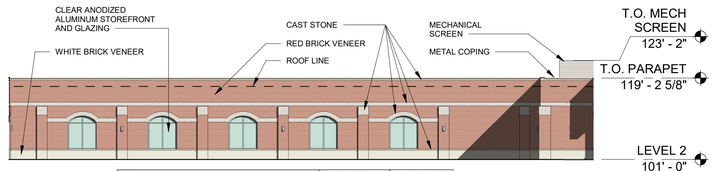
GCOLLINS
3/19/2021 7:40 AM
M:\DWG-21\2199-18.283\DWG\CIVIL C3D 2016\2199-18.283 SITE PLAN.DWG

FIRST UNITED METHODIST CHURCH



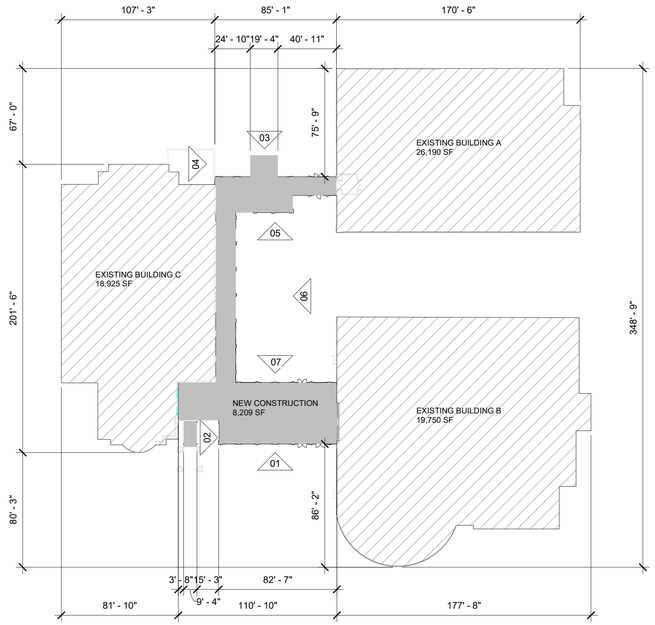
FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	194	13
RED BRICK VENEER	827	56
CAST STONE VENEER	167	11
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	157	11
METAL COPING	23	2
MECHANICAL SCREEN	111	8
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	1479	

07 A-1 ELEVATION - NORTH
1/16" = 1'-0"

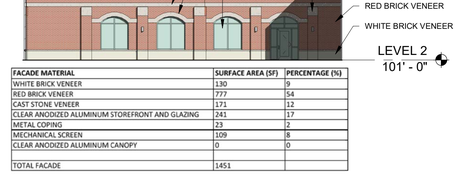


FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	266	11
RED BRICK VENEER	1559	64
CAST STONE VENEER	316	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	226	9
METAL COPING	42	2
MECHANICAL SCREEN	30	1
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	2439	

06 A-1 ELEVATION - EAST
1/16" = 1'-0"

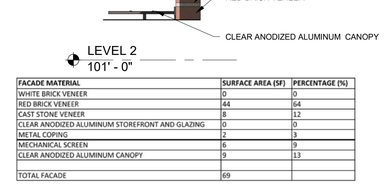


KEY PLAN
1" = 50'-0"



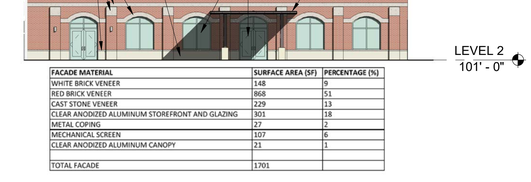
FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	130	9
RED BRICK VENEER	777	54
CAST STONE VENEER	171	12
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	241	17
METAL COPING	23	2
MECHANICAL SCREEN	109	8
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	1451	

05 A-1 ELEVATION - SOUTH
1/16" = 1'-0"



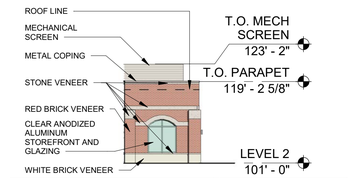
FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	0	0
RED BRICK VENEER	44	64
CAST STONE VENEER	8	12
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	0	0
METAL COPING	2	3
MECHANICAL SCREEN	6	9
CLEAR ANODIZED ALUMINUM CANOPY	9	13
TOTAL FACADE	69	

04 A-1 ELEVATION - WEST
1/16" = 1'-0"



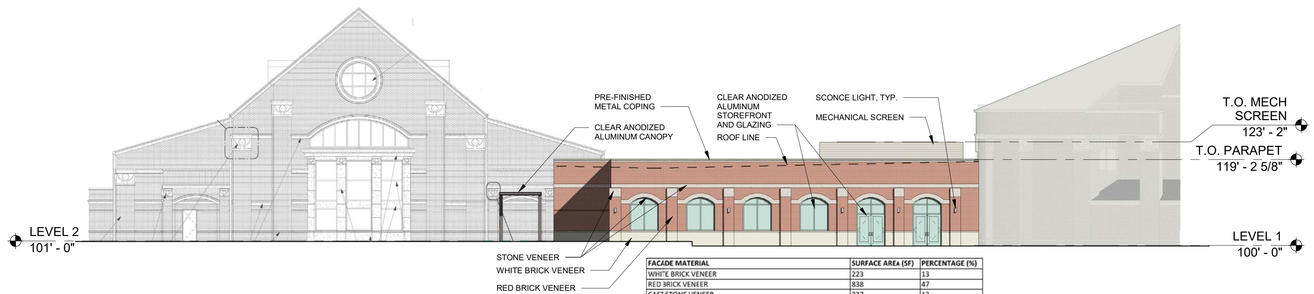
FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	148	9
RED BRICK VENEER	868	51
CAST STONE VENEER	229	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	301	18
METAL COPING	27	2
MECHANICAL SCREEN	107	6
CLEAR ANODIZED ALUMINUM CANOPY	21	1
TOTAL FACADE	1701	

03 A-1 ELEVATION - NORTH
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	35	10
RED BRICK VENEER	178	50
CAST STONE VENEER	48	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	45	13
METAL COPING	5	1
MECHANICAL SCREEN	46	13
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	357	

02 A-1 ELEVATION - WEST
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	223	13
RED BRICK VENEER	838	47
CAST STONE VENEER	237	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	314	18
METAL COPING	30	2
MECHANICAL SCREEN	111	6
CLEAR ANODIZED ALUMINUM CANOPY	19	1
TOTAL FACADE	1772	

01 A-1 ELEVATION - SOUTH
1/16" = 1'-0"

GENERAL NOTES

- ALL SIGNAGE SUBJECT TO BUILDING INSPECTION DEPARTMENT APPROVAL
- MECHANICAL UNITS SHALL BE SCREENED IN ACCORDANCE WITH THE ZONING ORDINANCE.
- UTILITY BOXES AND CONDUIT SHALL BE PAINTED TO MATCH BUILDING COLOR
- COLOR OF IMAGES BELOW IS APPROXIMATE AND MAY LOOK DIFFERENT WHEN VIEWED ON DIFFERENT ELECTRONIC DEVICES.
- ROOF ACCESS SHALL BE PROVIDED INTERNALLY, UNLESS OTHERWISE PERMITTED BY THE CHIEF BUILDING OFFICIAL

GENERAL EXTERIOR MATERIALS LIST - ALL EXTERIOR MATERIALS TO MATCH EXISTING ON SITE

1. EXTERIOR WALLS:
   - CAST STONE, COLOR TO MATCH CAST STONE ON EXISTING BUILDINGS ON CAMPUS
   - RED BRICK MASONRY, COLOR TO MATCH RED BRICK MASONRY ON EXISTING BUILDINGS ON CAMPUS
   - YELLOW BRICK MASONRY, COLOR TO MATCH YELLOW BRICK MASONRY ON EXISTING BUILDINGS ON CAMPUS
   - INSULATED GLAZING SET IN ALUMINUM STOREFRONT, GLAZING TO HAVE A MAXIMUM EXTERIOR VISIBLE REFLECTANCE OF 20%
2. ROOFING:
   - ROOFS TO BE THERMOPLASTIC-POLYOLEFIN (TPO).
   - MECHANICAL ROOF SCREEN TO BE PRE-FINISHED METAL - MATCH ROOF SCREENS ON EXISTING BUILDINGS A AND B
   - PRE-FINISHED METAL ROOF EDGE TRIM TO MATCH CAST STONE COLOR

MECHANICAL SCREEN / COPING

FABRAL, SANDSTONE

CAST STONE

NATURAL LIMESTONE

RED BRICK BLEND

1/3 ACME BRICK, GARNET | 1/3 ACME BRICK, AMARETTO | 1/3 ACME BRICK, CRIMSON

WHITE BRICK

ACME BRICK, RUSTIC WHITE

CLEAR ANODIZED ALUMINUM

STOREFRONT AND CANOPIES

GLAZING

LOW-E, GRAY TINT, TO MEET CURRENT ENERGY CODE

gff ARCHITECTS
Dallas | Fort Worth | Austin

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

GFF Drawn By
Approver Reviewed

THIS DOCUMENT IS NOT FOR REGULATORY APPROVAL, PERMITTING OR CONSTRUCTION.

ARCHITECT/INTERIOR DESIGNER'S NAME.
03/19/2021

FACADE PLAN

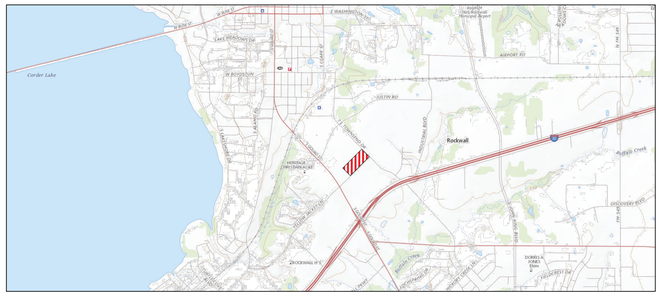
FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

Project No. 18079
Date 03/19/21

A-1

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LOCATION MAP



SCALE: NTS

PLAN NORTH

IRRIGATION NOTES

- IRRIGATION INSTALLATION TO BE DESIGN/BUILD BY THE CONTRACTOR / SUBCONTRACTOR
- ALL LAWN SURFACES TO BE FULLY IRRIGATED WITH 100% HEAD TO HEAD COVERAGE. NO ROTOR SPRAY HEADS ARE TO BE USED
- ALL TREES TO BE IRRIGATED WITH MIN. (2) RAIN BIRD RWS OR EQUAL.
- SLEEVES TO BE PROVIDED AS NEEDED TO CONNECT IRRIGATION LINES TO ANY PLANTED MEDIANS OR OTHER LANDSCAPE AREAS SEPARATED BY PAVEMENT PRIOR TO PAVEMENT INSTALLATION.
- NO IRRIGATION SPRAY IS TO BE DIRECTED ONTO WALKWAYS OR OTHER PAVEMENT.
- ALL IRRIGATION LINES SHALL BE LEAK-TESTED PRIOR TO BURIAL.
- SPRINKLER HEADS TO BE INSTALLED ONLY AFTER SYSTEM HAS BEEN COMPLETELY FLUSHED.
- ALL IRRIGATION AND RELATED EQUIPMENT INCLUDING (BUT NOT LIMITED TO) PIPING, VALVES, THRUST BLOCKS, CONTROL WIRE, VALVE BOXES, SPRINKLER HEADS, RISERS, ETC. TO BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- 'AS-BUILT' DRAWINGS FOR ALL IRRIGATION PLUMBING AND EQUIPMENT SHALL BE ACCURATELY MAINTAINED DURING INSTALLATION AND PROVIDED TO OWNER AT TIME OF FINAL ACCEPTANCE.
- IRRIGATION MUST FOLLOW ALL TCEQ 30 TAC 344
- ADAPT EXISTING IRRIGATION SYSTEM TO ACCOMMODATE REVISED PLANTING AREAS

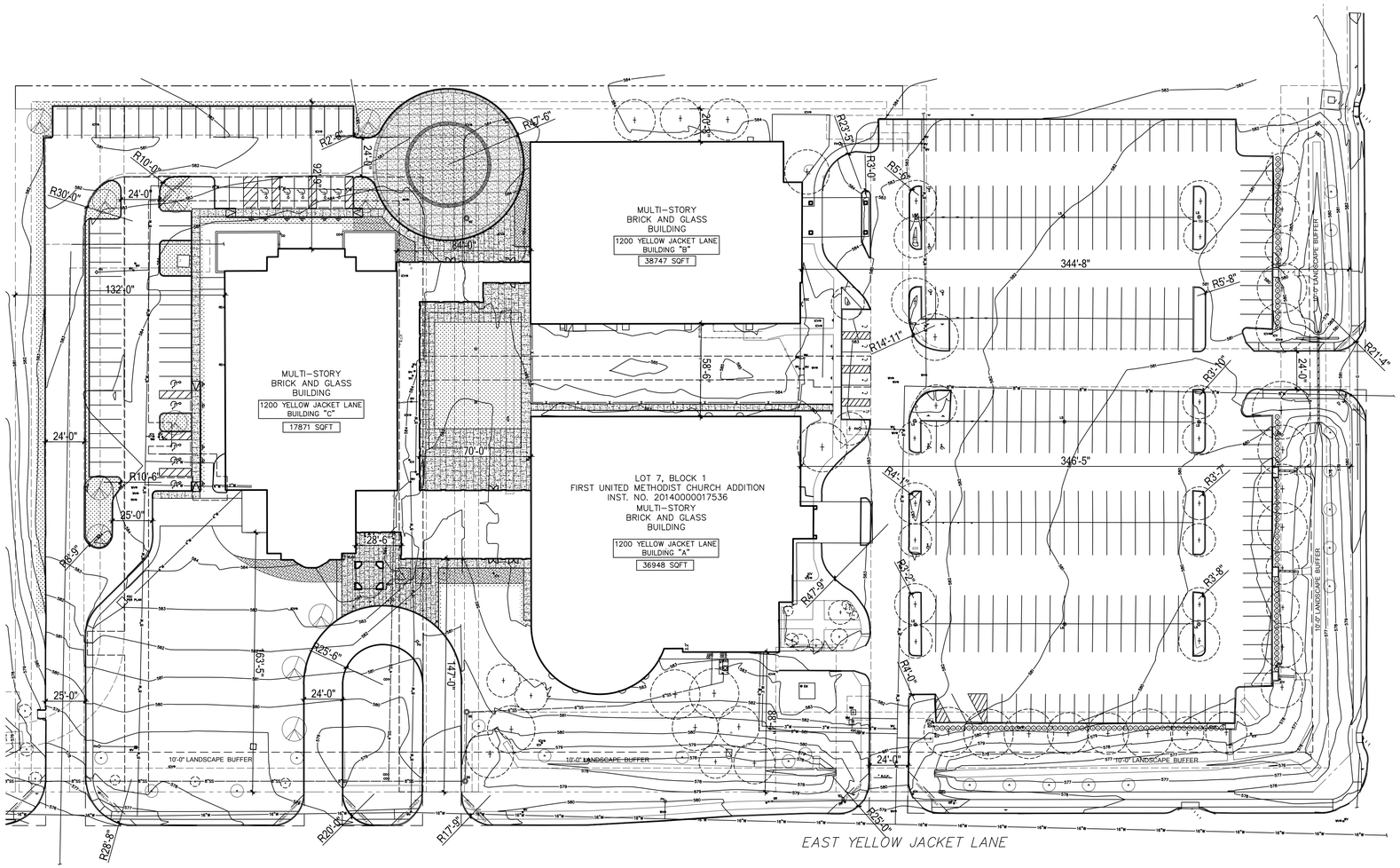
PLANTING LEGEND

- PROPOSED SHADE TREE 4" CAL. MIN CONTAINER GROWN
- PROPOSED ORNAMENTAL TREE 100 GAL. CONTAINER/ 10-12' HT.
- GROUNDCOVER
- LAWN AREA
- CONCRETE PAVING
- SCOFIELD INTEGRAL COLORED CONCRETE. COLOR: TBD
- SCOFIELD INTEGRAL COLORED CONCRETE. COLOR : TBD
- PROPERTY LINE
- EASEMENT LINE

PLANTING DESCRIPTION::

A. GROUNDCOVER PLANTING AREA - EXCAVATE AS NEEDED TO PROVIDE 8" OF PLANTING MIX AND 3" OF HARDWOOD MULCH; PLANT (45) #1 CONTAINER GROUNDCOVER PLANTS PER 100 SQ.FT. PROVIDE AUTOMATIC IRRIGATION SYSTEM.

B. LAWN AREA - PROVIDE MIN. 6" TOPSOIL COMPOST MIX WITH BERMUDA TIF 419 SOLID SOD. PROVIDE AUTOMATIC IRRIGATION SYSTEM.



Site Data

	Value (ft^2)	Percentage
Total Lot Area	358,340	100%
Impervious Area	230,422	64%
Pervious Area	127,918	36%
Landscape Open Space	87,431	24%
Landscape Area		
Required (Commercial Zoning)	71,668	20%
Total Area	119,046	33%
Required Front Yard	59,523	50%
Front Yard Landscaping	60,535	51%

Site	
Shade Trees Added	12
Accent Trees Added	25
Shrubs Added	127
Boundary	1098 LF
Requred Shade Trees	22
Shade Trees Provided	22
Required Accent Trees	22
Accent Trees	22
West Parking Lot	
Spaces	60
Required ShadeTrees (1:10 Spaces)	6
Shade Trees Provided	8

Scale: 1" = 40'-0"
0 20 40 80 Feet

PLAN NORTH TRUE NORTH

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

gff ARCHITECTS
Dallas | Fort Worth | Austin

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

MC Drawn By
MSB Reviewed

REGISTERED LANDSCAPE ARCHITECT MARK STEPHEN BONER 2767 STATE OF TEXAS
05/15/2020

LANDSCAPE PLAN

Project No. 18079.00
Date 03.19.2021

LS-101

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TREE PRESERVATION NOTES

A. ALL TREES SHALL REMAIN UNLESS NOTED ON THE PLANS.

B. NO SITE PREPARATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED.

C. ALL EXISTING TREES DENOTED TO REMAIN SHALL BE PROTECTED AT THE ROOT PROTECTION ZONE(RPZ). THE RPZ SHALL BE DETERMINED BY TREE SIZE (RECOMMENDED 12" RADIUS FROM TRUNK FOR EVERY 1" IN DIAMETER OF TRUNK AT 4.5' FROM GROUND) WITH A MINIMUM 5' DIAMETER FROM THE TRUNK.

D. A CHAIN LINK FENCE BARRIER DELINEATING THE RPZ SHALL BE ERECTED AND MAINTAINED BY THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETED.

E. RPZ SHALL BE SUSTAINED IN A NATURAL STATE AND SHALL BE FREE FROM VEHICULAR OR MECHANICAL TRAFFIC.

F. THE RPZ SHALL BE COVERED WITH MULCH AND BE MAINTAINED BY GENERAL CONTRACTOR DURING CONSTRUCTION PHASE TO REDUCE MOISTURE STRESS.

G. DURING CONSTRUCTION, NO EXCESS SOIL, ADDITIONAL FILL MATERIAL, EQUIPMENT, LIQUIDS, OR CONSTRUCTION DEBRIS SHALL BE PLACED INSIDE THE PROTECTION BARRIER, NOR SHALL ANY SOIL BE REMOVED FROM WITHIN THE BARRIER.

H. ANY DAMAGE DONE TO EXISTING TREE CROWNS OR ROOT SYSTEMS SHALL BE CUT CLEANLY IMMEDIATELY AFTER INJURY. ALL WOUNDS TO LIVE OAKS SHALL BE PAINTED WITH PRUNING PAINT WITHIN 30 MINUTES AFTER DAMAGE. ROOTS EXPOSED DURING CONSTRUCTION OPERATIONS WILL BE CUT CLEANLY.

I. THE PROPOSED FINISH GRADE AND ELEVATION OF LAND WITHIN THE RPZ OF ANY TREE TO BE PRESERVED SHALL NOT BE RAISED OR LOWERED MORE THAN THREE INCHES. WELLING AND RETAINING METHODS ARE ALLOWED OUTSIDE THE RPZ.

J. THE RPZ SHALL REMAIN PERVIOUS, I.E. GROUNDCOVER OR TURF AT COMPLETION OF LANDSCAPE INSTALLATION.

K. THE ASSOCIATED TREE PROTECTION DETAIL COMPLIES WITH THE MINIMUM TREE PROTECTION GUIDELINES FROM THE CITY OF ROCKWALL.

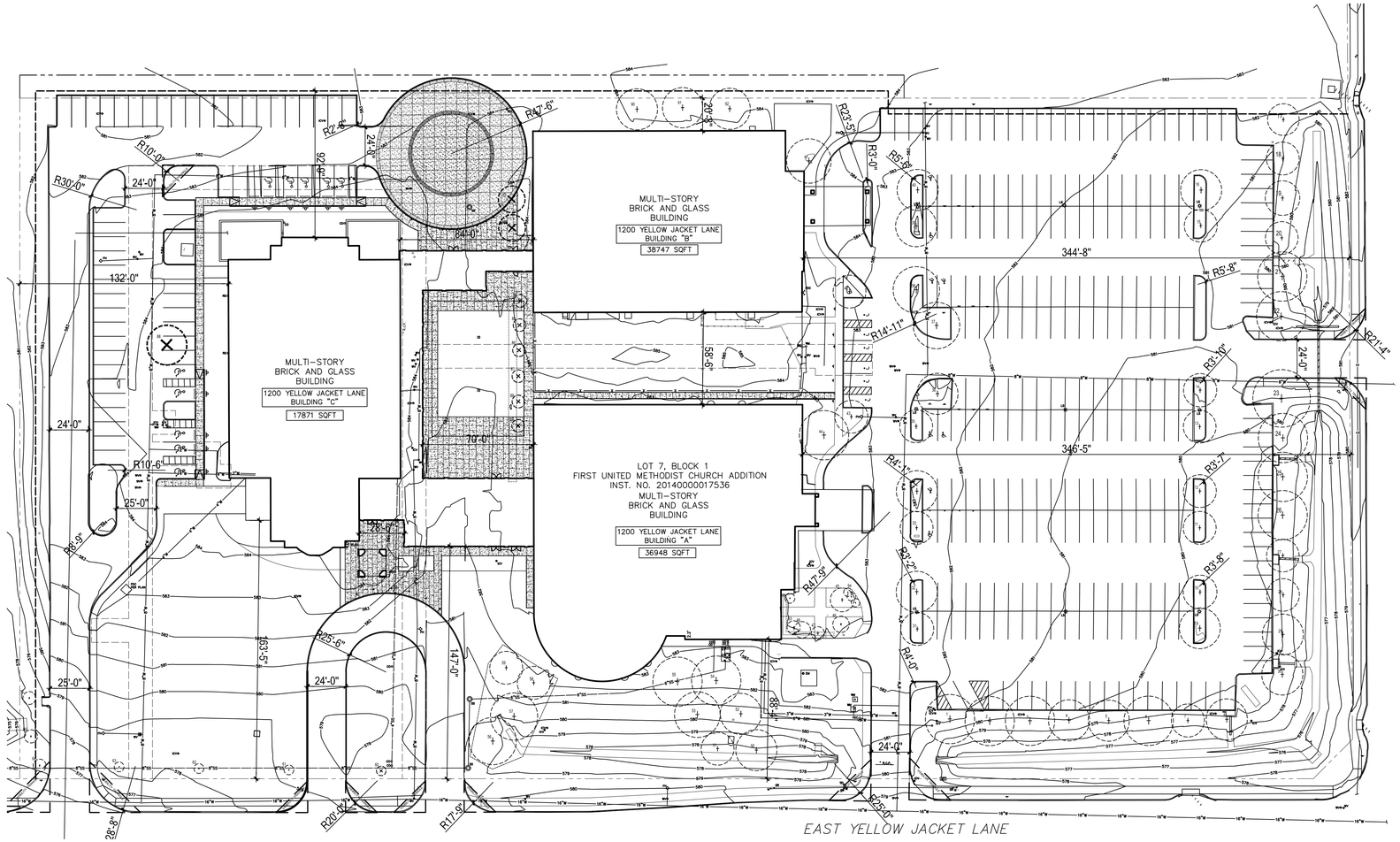
L. WHERE POSSIBLE, PROVIDE FENCE TO TREE DRIP LINE OR GROUP TREES IN FENCE PERIMETER TO PROVIDE INCREASED PROTECTION.

M. NO WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.

N. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED PER THE GOVERNING JURISDICTION THE PROJECT IS LOCATED WITHIN.

0. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE BUT IS NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.

P. ROOTS SHALL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.



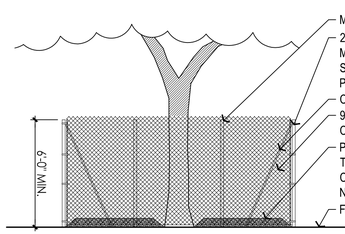
TREE PRES. LEGEND

- PROPERTY LINE
- EASEMENT LINE
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- 2x4 TREE PROTECTION
- TREE PROTECTION FENCE

Tree #	Species	Retained DBH Inches	Removed DBH Inches
1	Live Oak *(quercus virginiana)*	12	
2	Live Oak *(quercus virginiana)*	12	
3	Live Oak *(quercus virginiana)*	12	
4	Live Oak *(quercus virginiana)*	10	
5	Live Oak *(quercus virginiana)*	12	
6	Live Oak *(quercus virginiana)*	14	
7	Live Oak *(quercus virginiana)*	10	
8	Live Oak *(quercus virginiana)*	12	
9	Cedar Elm *(ulmus crassifolia)*	1	
10	Cedar Elm *(ulmus crassifolia)*	8	
11	Cedar Elm *(ulmus crassifolia)*	11	
12	Cedar Elm *(ulmus crassifolia)*	8	
13	Cedar Elm *(ulmus crassifolia)*	8	
14	Cedar Elm *(ulmus crassifolia)*	8	
15	Cedar Elm *(ulmus crassifolia)*	6	
16	Cedar Elm *(ulmus crassifolia)*	10	
17	Bald Cyprus *(taxodium distichum)*	17	
18	Bald Cyprus *(taxodium distichum)*	11	
19	Bald Cyprus *(taxodium distichum)*	12	
20	Bald Cyprus *(taxodium distichum)*	12	
21	Bald Cyprus *(taxodium distichum)*	16	
22	Bald Cyprus *(taxodium distichum)*	18	
23	Bald Cyprus *(taxodium distichum)*	14	
24	Bald Cyprus *(taxodium distichum)*	12	
25	Bald Cyprus *(taxodium distichum)*	12	
26	Bald Cyprus *(taxodium distichum)*	12	
27	Bald Cyprus *(taxodium distichum)*	12	
28	Bald Cyprus *(taxodium distichum)*	12	
29	Bald Cyprus *(taxodium distichum)*	12	
30	Bald Cyprus *(taxodium distichum)*	12	
31	Cedar Elm *(ulmus crassifolia)*	8	
32	Cedar Elm *(ulmus crassifolia)*	9	
33	Cedar Elm *(ulmus crassifolia)*	7	
34	Cedar Elm *(ulmus crassifolia)*	9	
35	Cedar Elm *(ulmus crassifolia)*	8	
36	Cedar Elm *(ulmus crassifolia)*	9	
37	Cedar Elm *(ulmus crassifolia)*	9	
38	Cedar Elm *(ulmus crassifolia)*	8	
39	Cedar Elm *(ulmus crassifolia)*	8	
40	Cedar Elm *(ulmus crassifolia)*	8	
41	Ash	12	
42	Live Oak *(quercus virginiana)*	8	
43	Texas Red Oak *(quercus buckleyi)*	8	
44	Texas Red Oak *(quercus buckleyi)*	14	
45	Crepe Myrtle *(lagerstroemia)*	5	
46	Crepe Myrtle *(lagerstroemia)*	5	
47	Crepe Myrtle *(lagerstroemia)*	5	
48	Crepe Myrtle *(lagerstroemia)*	5	
49	Crepe Myrtle *(lagerstroemia)*	5	
50	Bald Cyprus *(taxodium distichum)*	14	
51	Bald Cyprus *(taxodium distichum)*	12	
52	Bald Cyprus *(taxodium distichum)*	12	
53	Bald Cyprus *(taxodium distichum)*	14	
54	Bald Cyprus *(taxodium distichum)*	15	
55	Bald Cyprus *(taxodium distichum)*	15	
56	Bald Cyprus *(taxodium distichum)*	14	
57	Bald Cyprus *(taxodium distichum)*	14	
58	Bald Cyprus *(taxodium distichum)*	10	
59	Bald Cyprus *(taxodium distichum)*	10	
60	Bald Cyprus *(taxodium distichum)*		5
61	Bald Cyprus *(taxodium distichum)*	5	
62	Bald Cyprus *(taxodium distichum)*	5	
63	Bald Cyprus *(taxodium distichum)*	5	
64	Bald Cyprus *(taxodium distichum)*	6	
65	Bald Cyprus *(taxodium distichum)*	5	
66	Bald Cyprus *(taxodium distichum)*	6	
67	Bald Cyprus *(taxodium distichum)*	-	
68	Bald Cyprus *(taxodium distichum)*	6	
69	Bald Cyprus *(taxodium distichum)*	4	
70	Bald Cyprus *(taxodium distichum)*	5	
71	Bald Cyprus *(taxodium distichum)*	5	
72	Bald Cyprus *(taxodium distichum)*	5	
73	Bald Cyprus *(taxodium distichum)*	5	
74	Bald Cyprus *(taxodium distichum)*	6	
75	Bald Cyprus *(taxodium distichum)*	5	
76	Bald Cyprus *(taxodium distichum)*	6	
77	Bald Cyprus *(taxodium distichum)*	4	
78	Bald Cyprus *(taxodium distichum)*	6	
79	Bald Cyprus *(taxodium distichum)*	6	
80	Bald Cyprus *(taxodium distichum)*	6	
81	Texas Red Oak *(quercus buckleyi)*		8
82	Yaupon Holly *(ilex vomitoria)*		-
83	Yaupon Holly *(ilex vomitoria)*		-
84	Crepe Myrtle *(lagerstroemia)*		5
85	Crepe Myrtle *(lagerstroemia)*		5
86	Crepe Myrtle *(lagerstroemia)*		5
87	Crepe Myrtle *(lagerstroemia)*		5
88	Crepe Myrtle *(lagerstroemia)*		5
89	Crepe Myrtle *(lagerstroemia)*		5
90	Texas Red Oak *(quercus buckleyi)*	9	
91	Texas Red Oak *(quercus buckleyi)*	9	
92	Texas Red Oak *(quercus buckleyi)*	8	
93	Ash	6	
94	Crepe Myrtle *(lagerstroemia)*	6	
		Planted	Retained / Removed
Total Inches		64	743 / 43

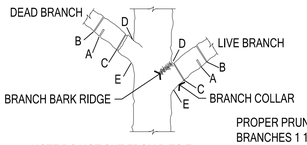
Scale: 1" = 40'-0"
0 20 40 80 Feet

PLAN NORTH TRUE NORTH



03-DETAIL: TREE FENCE PROTECTION

SCALE: 1/4"= 1'-0"



PROPER PRUNING FOR BRANCHES 1 1/2" OR GREATER DIA.

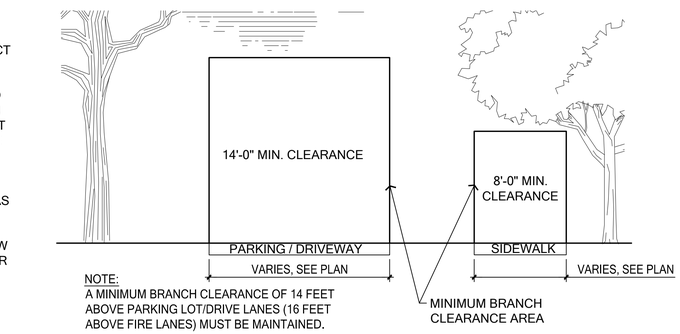
NOTE:DO NOT CUT FROM D TO E

A. FIRST CUT- TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
B. SECOND CUT- TO REDUCE THE WEIGHT OF BRANCH.
C. FINAL CUT- ALLOW FOR HEALING COLLAR BUT NO STUBS.
D. BRANCH RIDGES- INDENT PROPERLY BRANCH RIDGES WHICH ARE SITE FOR DECAY.

FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING SPRAY WITHIN 20 MINUTES TO PREVENT SPREAD OF OAK WILT

01-DETAIL: TREE PRUNING

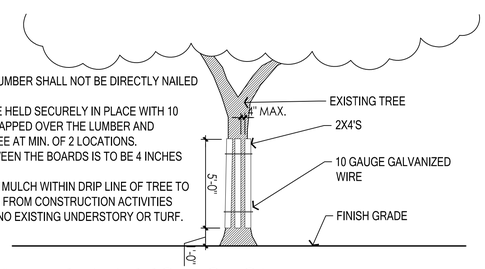
SCALE: 1/4"= 1'-0"



NOTE:
A MINIMUM BRANCH CLEARANCE OF 14 FEET ABOVE PARKING LOT/DRIVE LANES (16 FEET ABOVE FIRE LANES) MUST BE MAINTAINED.

04-DETAIL: TREE BRANCH CLEARANCE

SCALE: 1/4"= 1'-0"



NOTES:
1. PROTECTIVE LUMBER SHALL NOT BE DIRECTLY NAILED TO THE TREE
2. 2X4'S SHALL BE HELD SECURELY IN PLACE WITH 10 GAUGE WIRE WRAPPED OVER THE LUMBER AND AROUND THE TREE AT MIN. OF 2 LOCATIONS.
3. THE GAP BETWEEN THE BOARDS IS TO BE 4 INCHES OR LESS.
4. PROVIDE 6" OF MULCH WITHIN DRIP LINE OF TREE TO PROTECT ROOTS FROM CONSTRUCTION ACTIVITIES WHEN THERE IS NO EXISTING UNDERSTORY OR TURF.

02-DETAIL: TRUNK PROTECTION

SCALE: 1/4"= 1'-0"

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

gff ARCHITECTS
Dallas | Fort Worth | Austin

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

MC
Drawn By
MSB
Reviewed

REGISTERED LANDSCAPE ARCHITECT MARK STEPHEN BOWLES 2761 STATE OF TEXAS
05/15/2020

TREESCAPE PLAN

Project No. 18079.00
Date 03.19.2021

LS-100

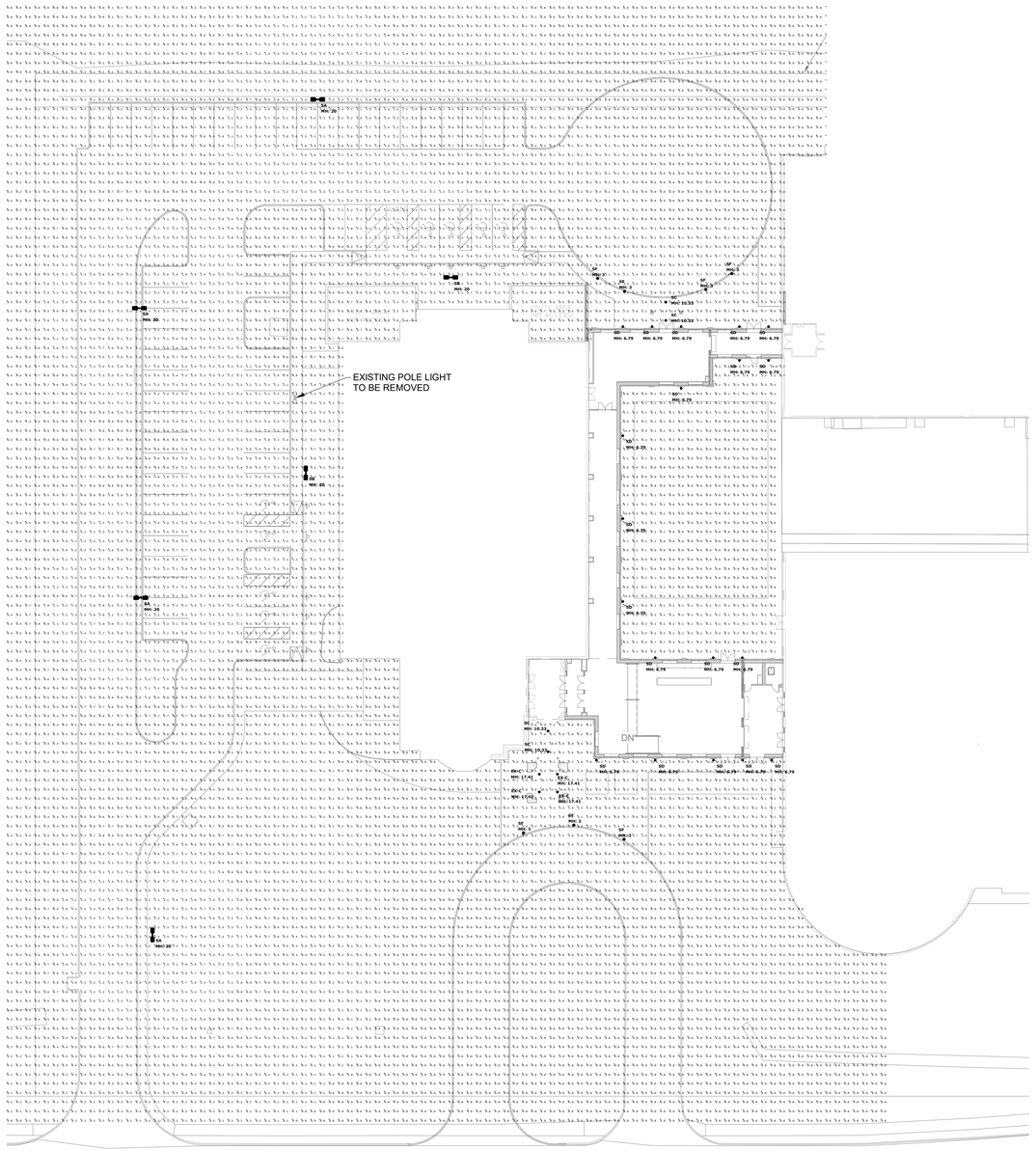
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SITE LIGHTING FIXTURE SCHEDULE

SCHEDULE NOTES:

1. PROVIDE ALL REQUIRED MOUNTING HARDWARE AND ACCESSORIES REQUIRED FOR MOUNTING NECESSARY

TYPE	DESCRIPTION	MANUFACTURER	MODEL#	VOLT	COLOR	LUMENS	VA
EX-C	EXISTING DOWNLIGHT			208 V	3500	1168	15 VA
SA	LED SITE POLE LIGHT	LITHONIA	RSX1-LED-P2-40K-R5-MVOLT-SPA-DDBXD	208 V	4000K	20000	72 VA
SB	LED SITE POLE LIGHT	LITHONIA	RSX1-LED-P1-40K-R4-MVOLT-SPA-DDBXD	208 V	4000K	13000	51 VA
SC	LED 4" CYLINDER	GOTHAM	EVO4SC-35/15-AR-WD-LD-MVOLT-JBXCC	208 V	3500	1500	14 VA
SD	EXTERIOR WALL SCONCE	GOTHAM	IC04WC-40/15-AR-LD-50D-MVOLT-EZ10-JBX-DN-WL	208 V	4000	1500	15 VA
SF	LED SITE BOLLARD	BEGA	99 570-79 817	208 V	4000	1091	14 VA



1 / E101 PHOTOMETRIC SITE PLAN

1" = 30'-0"

0 30 60 120 Feet

PLAN NORTH

gff ARCHITECTS
Dallas | Fort Worth | Austin

DESIGN DEVELOPMENT

FIRST UNITED METHODIST CHURCH ROCKWALL

1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

Author
Drawn By

Approver
Reviewed

STATE OF TEXAS
3/19/2021
JAMES S. RUSE
102703
LICENSED
PROFESSIONAL ENGINEER
05/15/2020

PHOTOMETRIC SITE PLAN

Project No. 18079
Date 03/18/21

E101

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CITY OF ROCKWALL

PLANNING AND ZONING COMMISSION CASE MEMO

PLANNING AND ZONING DEPARTMENT
385 S. GOLIAD STREET • ROCKWALL, TX 75087
PHONE: (972) 771-7745 • EMAIL: PLANNING@ROCKWALL.COM

TO:	Planning and Zoning Commission
DATE:	April 13, 2021
APPLICANT:	Quadri Akamo; *Pacheco Koch Consulting Engineers Inc.*
CASE NUMBER:	SP2021-006; *Site Plan for First United Methodist Church*

SUMMARY

Discuss and consider a request by Quadri Akamo of Pacheco Koch Consulting Engineers, Inc. on behalf of Gary Hancock of the First United Methodist Church of Rockwall for the approval of an Amended Site Plan for the expansion of an existing House of Worship on a 8.49-acre parcel of land identified as Lot 7, Block 1, First United Methodist Church Addition, City of Rockwall, Rockwall County, Texas, zoned Commercial (C) District, addressed as 1200 E. Yellow Jacket Lane, and take any action necessary.

BACKGROUND

The subject property was annexed on March 2, 1960 by *Ordinance No. 60-01* [*Case No. A1960-002*]. At the time of annexation, the subject property was zoned Agricultural (AG) District. On November 5, 2001, the City Council approved a zoning change, preliminary plat, and site plan [*Case No. PZ2001-99*] for the subject property. This changed the zoning from an Agricultural (AG) District to a Commercial (C) District, and approved a site plan for a *House of Worship* (*i.e. the First United Methodist Church*) on the subject property. On February 4, 2002 the subject property was platted as Lot 1, Block 1, First United Methodist Church Addition [*Case No. PZ2002-010*]. On October 8, 2008, the subject property was replat as Lot 3, Block 1, First United Methodist Church Addition [*Case No. P2008-031*]. In 2012, the *House of Worship* requested and was approved for a Specific Use Permit (SUP) [*Case No. Z2012-011; S-98; Ordinance No. 12-20*] for a *Urban Agriculture/Community Garden*. On November 11, 2014 the subject property was replat as Lot 7, Block 1, First United Methodist Church Addition [*Case No. P2014-037*]. This subdivision plat came after a site plan [*Case No. SP2014-024*] proposing an expansion to the *House of Worship* was approved on October 1, 2014 by City staff. In 2015, the City Council approved a Specific Use Permit (SUP) [*Case No. Z2015-037; S-145; Ordinance No. 16-14*] allowing the church to construct a steeple that exceeded the maximum height requirements. This approval was followed up by a site plan [*Case No. SP2015-025*] for a 72-foot steeple, which was approved by the Planning and Zoning Commission on February 11, 2016.

PURPOSE

On March 19, 2021, the applicant -- *Quadri Akamo of Pacheco Koch Consulting Engineers Inc.* -- submitted an application requesting approval of an amended site plan for the purpose of constructing a 7,278 SF expansion to the existing *House of Worship* on the subject property.

ADJACENT LAND USES AND ACCESS

The subject property is located at 1200 E. Yellow Jacket Lane. The land uses adjacent to the subject property are as follows:

North: Directly north of the property is a vacant 9.1847-acre tract of land (*i.e. Lots 8 & 9, Block 1, First United Methodist Church Addition*), zoned Commercial (C) District, and which is owned by the *House of Worship*. Beyond this is a Memory Care Facility (*i.e. Rockwall Seniors Addition*) and an age-restricted senior living apartment complex (*i.e. the Alders Senior Living Complex*). These properties are zoned Planned Development District 86 (PD-86) for Multi-Family 14 (MF-14) District land uses. Beyond this in N. T. L. Townsend Drive, which is identified as a M4D (*i.e. major collector, four [4] lane, divided roadway*) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan.

South: Directly south of the subject property is E. Yellow Jacket Drive, which is identified as a M4D (*i.e. major collector, four [4] lane, divided roadway*) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan. Beyond this is the Rockwall County Courthouse, which is situated on a 12.79-acre parcel of land (*i.e. Lot 1, Block A, Rockwall County Courthouse Addition*), which is zoned Commercial (C) District.

East: Directly east of the subject property is the intersection of N. T. L. Townsend Drive and E. Yellow Jacket Lane, which are identified as M4D (*i.e. major collector, four [4] lane, divided roadway*) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan. Beyond this is a public school (*i.e. Herman E. Utley Middle School*), football stadium, and aquatics center all situated on a 41.649-acre parcel of land (*i.e. Lot 1, Block 1, Herman E. Utley Middle School Addition*). All of these properties are zoned Agricultural (AG) District.

West: Directly west of the subject property is a vacant 9.1847-acre tract of land (*i.e. Lots 8 & 9, Block 1, First United Methodist Church Addition*), which is zoned Commercial (C) District. Beyond this are three (3) parcels of land, which are zoned Commercial (C) District, and have a restaurant (*i.e. Dairy Queen*), a gas station (*i.e. 7/11*), and a general retail store (*i.e. Advance Auto Parts*) situated on them. Continuing west is S. Goliad Street, which is identified as a P6D (*i.e. principal arterial, six [6] lane, divided roadway*) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan.

DENSITY AND DIMENSIONAL REQUIREMENTS

According to Section 01, *Land Use Schedule*, of Article 04, *Permissible Uses*, of the Unified Development Code (UDC), a *Church/House of Worship* is permitted by a *Specific Use Permit (SUP)* in a Commercial (C) District. The subject property has four (4) points of ingress and egress (*i.e. three (3) along E. Yellow Jacket Lane [main entrance] and one (1) along N. T.L. Townsend Drive*). Other than the exception being requested, the submitted site plan, landscape plan, treescape plan, photometric plan, and building elevations generally conform to the technical requirements contained within the Unified Development Code (UDC) for a property located within a Commercial (C) District. A summary of the density and dimensional requirements for the subject property are as follows:

Ordinance Provisions	*Zoning District Standards*	*Conformance to the Standards*
Minimum Lot Area	*10,000 SF*	*x>8.49-acres; In Conformance*
Minimum Lot frontage	*60-Feet*	*x> 820-feet; In Conformance*
Minimum Lot Depth	*100-Feet*	*x>425-feet; In Conformance*
Minimum Front Yard Setback	*15-Feet*	*x>15-feet; In Conformance*
Minimum Rear Yard Setback	*10-Feet*	*x>10-feet; In Conformance*
Minimum Side Yard Setback	*10-Feet*	*x=10-feet; In Conformance*
Maximum Building Height	*60-Feet*	*x>23-feet; In Conformance*
Max Building/Lot Coverage	*60%*	*X60%; In Conformance*
Minimum Number of Parking Spaces	*1 Parking Space/4 Seats (269 Required)*	*x=327; In Conformance*
Minimum Landscaping Percentage	*20%*	*In Conformance*
Maximum Impervious Coverage	*85-90%*	*x<90%; In Conformance*

TREESCAPE PLAN

The treescape plan provided by the applicant indicates a total of 43-caliper inches will be removed from the site. The applicant is providing approximately 16, four (4) inch caliper canopy trees on site. This satisfies the required tree mitigation.

CONFORMANCE WITH THE CITY'S CODES

According to Figure 2.2, *Median Design Standards*, of Section 2.5, *Median Opening, Widths, Location, and Spacing*, of Article 2, *Streets*, of the Engineering Department's Standards of Design and Construction Manual, the minimum required driveway spacing on E. Yellow Jacket Lane is 100-feet. In this case, the applicant is proposing a "U" shaped drive with 50-feet of spacing between the proposed driveways. Based on the proposed design the applicant is requesting a variance to the requirements of the Standards of Design and Construction Manual.

EXCEPTION REQUESTED BY THE APPLICANT

The aforementioned variance to the driveway spacing requirements contained in the Engineering Department's Standards of Design and Construction manual is the only variance being requested. This variance will require a simple majority vote for approval.

CONFORMANCE WITH OURHOMETOWN VISION 2040 COMPREHENSIVE PLAN

The Future Land Use Plan adopted with the OurHometown Vision 2040 Comprehensive Plan (*Comp Plan*) indicates that the subject property is located in the *Central District* which is…"composed of a wide range of uses that vary from single-family to industrial… (t)he *Central District* also incorporates a high volume of industrial land uses adjacent to the *Union Pacific/Dallas Garland and Northeastern Rail Road* line that bisect the district.." Additionally, the *District Strategies* for the *Central District* states that there are "…some key vacant and underutilized tracts of land that are anticipated to shape the area moving forward." The proposed addition will continue the current use on the subject property under the as *Quasi-Public* land use designation, which is consistent with the Future Land Use Plan contained in the Comprehensive Plan.

ARCHITECTURAL REVIEW BOARD (ARB) RECOMMENDATION

On March 30, 2021, the Architectural Review Board (ARB) reviewed the proposed building elevations for the expansion of the existing *House of Worship*. The Architectural Review Board (ARB) approved a motion to recommend approval of the proposed building elevations by a vote of 5-0, with Board Members Miller and Avenetti absent.

CONDITIONS OF APPROVAL

If the Planning and Zoning Commission chooses to approve the applicant's *Amended Site Plan* for the expansion of an existing house of worship on the *subject property*, then staff would propose the following conditions of approval:

(1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of engineering plans.

(2) The subject property will be required to be replatted prior to the issuance of a building permit.

(3) Any construction resulting from the approval of this *Amended Site Plan* shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

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 (Resolution No. 05-22) [SELECT ONLY ONE BOX]:

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

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

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

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

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

PROPERTY INFORMATION [PLEASE PRINT]

Address	1200 E Yellow Jacket Ln, Rockwall, TX 75087				
Subdivision	First United Methodist Church	Lot	7	Block	1
General Location	West corner of E Yellow Jacket Road and Townsend Drive				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

Current Zoning	Commercial	Current Use	Church
Proposed Zoning	Commercial	Proposed Use	Church
Acreage	8.49	Lots [Current]	Lots [Proposed]

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

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

[✓] Owner	First United Methodist Rockwall	[✓] Applicant	Pacheco Koch Consulting Engineers Inc.
Contact Person	Gary Hancock	Contact Person	Quadri Akamo
Address	1200 E. Yellow Jacket Lane	Address	7557 Rambler Rd #1400
City, State & Zip	Rockwall, TX 75087	City, State & Zip	Dallas, TX 75231
Phone	9728391222	Phone	9722353031
E-Mail	ghancock@fumcrockwall.com	E-Mail	qakamo@pkce.com

NOTARY VERIFICATION [REQUIRED]

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

"I hereby certify that I am the owner, or duly authorized agent of the owner, for the purpose of this application; all information submitted herein is true and correct; and the application fee of $ 419.80 , to cover the cost of this application, has been paid to the City of Rockwall on this the 11 day of MARCH , 20 21 . 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 11TH day of MARCH , 20 21 .

Owner's/Applicant's Signature

Notary Public in and for the State of Texas

CHERYL ANN BOYANTON
My Notary ID # 125520088
Expires December 9, 2021

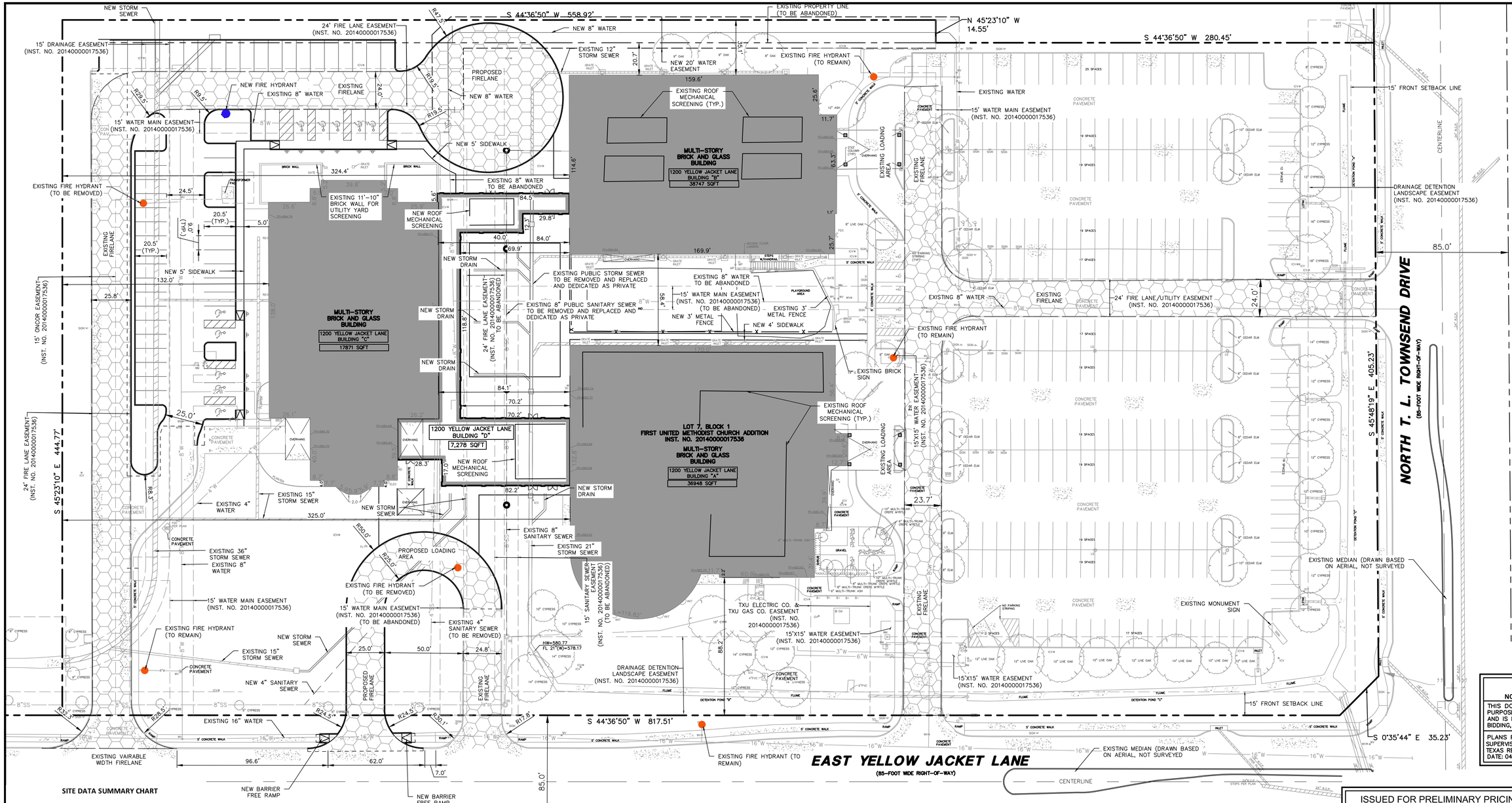
My Commission Expires



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.



ALL DIMENSIONS ARE TO BACK-OF-CURB UNLESS OTHERWISE NOTED.

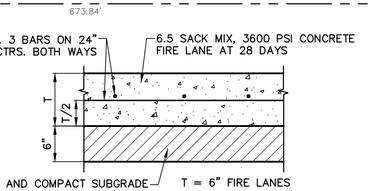
PRELIMINARY
NOT FOR CONSTRUCTION

THIS DOCUMENT IS ISSUED FOR THE PURPOSE OF SCHEMATIC REVIEW ONLY AND IS NOT INTENDED FOR PERMITTING, BIDDING, OR CONSTRUCTION PURPOSES.

PLANS PREPARED UNDER THE DIRECT SUPERVISION OF QUADRI A. AKAMO, P.E.
TEXAS REGISTRATION NO. 133898
DATE: 04/06/2021

SITE DATA SUMMARY CHART

TOTAL LOT AREA	369,609 sf = 8.485 ACRES
BUILDING AREA	
BUILDING A (EXISTING)	36,948 sf
BUILDING B (EXISTING)	38,747 sf
BUILDING C (EXISTING)	17,871 sf
BUILDING D (NEW)	7,278 sf
REQUIRED PARKING	
1 SPACE PER 4 SEATS	
NUMBER OF SEATS	1076
REQUIRED PARKING SPACES	269
REQUIRED ACCESSIBLE SPACES	8
VAN ACCESSIBLE SPACES	1 (1 PER 8 ACCESSIBLE SPACES)
NUMBER OF SPACES PROVIDED	
EXISTING STANDARD SPACES	253
NEW STANDARD SPACES	50
TOTAL STANDARD SPACES	303
EXISTING ACCESSIBLE SPACES	13
NEW ACCESSIBLE SPACE	9
EXISTING VAN SPACE	1
NEW VAN SPACE	1
TOTAL ACCESSIBLE & VAN SPACES	24
TOTAL PROVIDED SPACES	327
ROOF MECHANICAL SCREEN HEIGHT (MEASURED FROM PARAPET)	
BUILDING A (EXISTING)	6'-0"
BUILDING B (EXISTING)	8'-0"
BUILDING C (EXISTING)	N/A
BUILDING D (NEW)	3'-11 3/8"



NOTE: REFER TO GEOTECH REPORT FOR FURTHER INFORMATION

1 CONCRETE PAVEMENT SECTION
NOT TO SCALE

LEGEND

BOLLARD	TRAFFIC SIGN
ELECTRIC METER	1/2-INCH IRON ROD W/"PACHECO KOCH" CAP SET
POWER POLE	CONTROLLING MONUMENT
LIGHT STANDARD	PROPERTY LINE
WATER METER	FENCE
WATER VALVE	COORDINATE DESIGNATION
IRRIGATION CONTROL VALVE	PROPOSED FENCE
FIRE HYDRANT	FIRE LANE
CLEANOUT	GRADE BREAKS
MANHOLE	SWALES
TRAFFIC SIGNAL CONTROL	FIRE LANE
TRAFFIC SIGNAL POLE	FIRE HYDRANT
TELEPHONE BOX	
FLOOD LIGHT	
FLAG POLE	

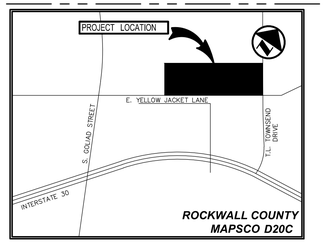
APPROVED:
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE DAY OF

WITNESS OUR HANDS, THIS DAY OF

PLANNING & ZONING COMMISSION, CHAIRMAN

DIRECTOR OF PLANNING AND ZONING

0 15 30 60 90
GRAPHIC SCALE IN FEET



VICINITY MAP
(NOT TO SCALE)

ISSUED FOR PRELIMINARY PRICING PURPOSES ONLY
(SUBJECT TO REVISION PRIOR TO CONSTRUCTION)

THESE DOCUMENTS HAVE BEEN PREPARED BY THE ENGINEER WITH THE INTENT OF COMPLYING WITH ALL CITY STANDARD REQUIREMENTS. THESE DOCUMENTS HAVE **NOT** BEEN APPROVED AND RELEASED FOR CONSTRUCTION BY THE CITY AS OF THIS DATE AND, THEREFORE, REVISIONS MAY BE REQUIRED PRIOR TO CONSTRUCTION. BY ANY USE OF THESE DOCUMENTS, THE USER AFFIRMS THEIR UNDERSTANDING OF THE PRELIMINARY STATUS OF THE PLANS AND THE POTENTIAL FOR REVISION PRIOR TO ANY CONSTRUCTION.

NO.	DATE	REVISION

Pacheco Koch
7557 RAMBLER ROAD, SUITE 1400
DALLAS, TX 75231 972.235.3031
TX REG. ENGINEERING FIRM F-469
TX REG. SURVEYING FIRM LS-10008000

SITE PLAN
FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

OWNER:
GARY HANCOCK
FIRST UNITED METHODIST ROCKWALL
1200 EAST YELLOW JACKET LANE
ROCKWALL, TEXAS 75087

CASE NUMBER:SP2021-006

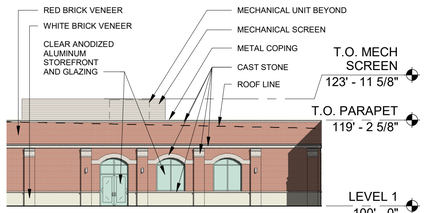
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
QA	GAC	APRIL 2021	1"=30'			C0.2

LAND USE: COMMERCIAL

PK-2199-18.283 SITE PLAN.DWG PK FILE: 2199-18.283

FIRST UNITED METHODIST CHURCH

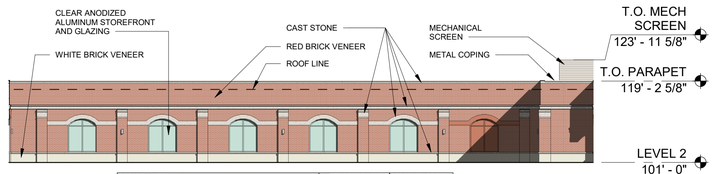
GCOLLINS
4/5/2021 9:11 AM
M:\DWG-21\2199-18.283\DWG\CIVIL C3D 2016\2199-18.283 SITE PLAN.DWG



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	194	13
RED BRICK VENEER	827	56
CAST STONE VENEER	167	11
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	157	11
METAL COPING	23	2
MECHANICAL SCREEN	111	8
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	1479	

07 A-1 ELEVATION - NORTH

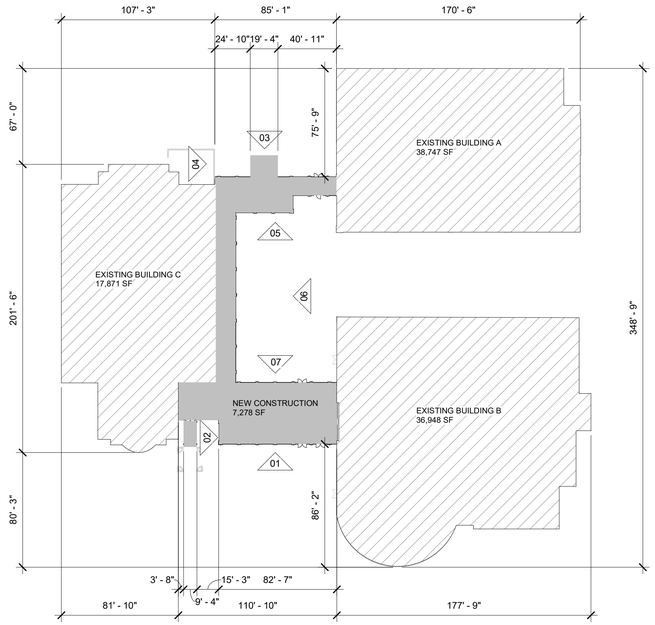
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	266	11
RED BRICK VENEER	1559	64
CAST STONE VENEER	316	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	226	9
METAL COPING	42	2
MECHANICAL SCREEN	30	1
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	2439	

06 A-1 ELEVATION - EAST

1/16" = 1'-0"



KEY PLAN

1" = 50'-0"

FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	130	9
RED BRICK VENEER	777	54
CAST STONE VENEER	171	12
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	241	17
METAL COPING	23	2
MECHANICAL SCREEN	109	8
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	1451	

05 A-1 ELEVATION - SOUTH

1/16" = 1'-0"

FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	0	0
RED BRICK VENEER	44	64
CAST STONE VENEER	8	12
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	0	0
METAL COPING	2	3
MECHANICAL SCREEN	6	9
CLEAR ANODIZED ALUMINUM CANOPY	9	13
TO'AL FACADE	69	

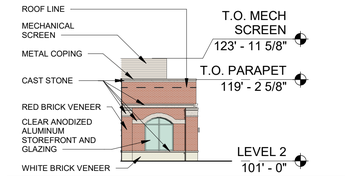
04 A-1 ELEVATION - WEST

1/16" = 1'-0"

FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	148	9
RED BRICK VENEER	868	51
CAST STONE VENEER	229	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	301	18
METAL COPING	27	2
MECHANICAL SCREEN	107	6
CLEAR ANODIZED ALUMINUM CANOPY	21	1
TOTAL FACADE	1701	

03 A-1 ELEVATION - NORTH

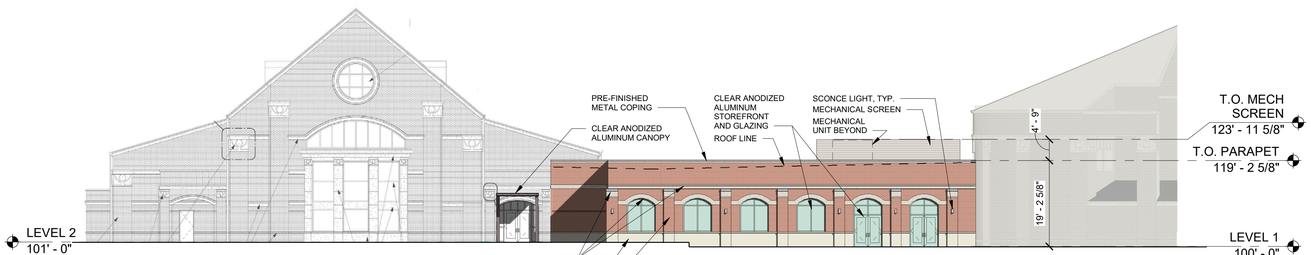
1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	35	10
RED BRICK VENEER	178	50
CAST STONE VENEER	48	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	45	13
METAL COPING	5	1
MECHANICAL SCREEN	46	13
CLEAR ANODIZED ALUMINUM CANOPY	0	0
TOTAL FACADE	357	

02 A-1 ELEVATION - WEST

1/16" = 1'-0"



FACADE MATERIAL	SURFACE AREA (SF)	PERCENTAGE (%)
WHITE BRICK VENEER	223	13
RED BRICK VENEER	838	47
CAST STONE VENEER	237	13
CLEAR ANODIZED ALUMINUM STOREFRONT AND GLAZING	314	18
METAL COPING	30	2
MECHANICAL SCREEN	111	6
CLEAR ANODIZED ALUMINUM CANOPY	19	1
TOTAL FACADE	1772	

01 A-1 ELEVATION - SOUTH

1/16" = 1'-0"

GENERAL NOTES

- ALL SIGNAGE SUBJECT TO BUILDING INSPECTION DEPARTMENT APPROVAL
- MECHANICAL UNITS SHALL BE SCREENED IN ACCORDANCE WITH THE ZONING ORDINANCE.
- UTILITY BOXES AND CONDUIT SHALL BE PAINTED TO MATCH BUILDING COLOR
- COLOR OF IMAGES BELOW IS APPROXIMATE AND MAY LOOK DIFFERENT WHEN VIEWED ON DIFFERENT ELECTRONIC DEVICES.
- ROOF ACCESS SHALL BE PROVIDED INTERNALLY, UNLESS OTHERWISE PERMITTED BY THE CHIEF BUILDING OFFICIAL

GENERAL EXTERIOR MATERIALS LIST - ALL EXTERIOR MATERIALS TO MATCH EXISTING ON SITE

1. EXTERIOR WALLS:
   - CAST STONE, COLOR TO MATCH CAST STONE ON EXISTING BUILDINGS ON CAMPUS
   - RED BRICK MASONRY, COLOR TO MATCH RED BRICK MASONRY ON EXISTING BUILDINGS ON CAMPUS
   - YELLOW BRICK MASONRY, COLOR TO MATCH YELLOW BRICK MASONRY ON EXISTING BUILDINGS ON CAMPUS
   - INSULATED GLAZING SET IN ALUMINUM STOREFRONT, GLAZING TO HAVE A MAXIMUM EXTERIOR VISIBLE REFLECTANCE OF 20%
2. ROOFING:
   - ROOFS TO BE THERMOPLASTIC-POLYOLEFIN (TPO).
   - MECHANICAL ROOF SCREEN TO BE PRE-FINISHED METAL - MATCH ROOF SCREENS ON EXISTING BUILDINGS A AND B
   - PRE-FINISHED METAL ROOF EDGE TRIM TO MATCH CAST STONE COLOR

MECHANICAL SCREEN / COPING

FABRAL, SANDSTONE

CAST STONE

NATURAL LIMESTONE

RED BRICK BLEND

1/3 ACME BRICK, GARNET

1/3 ACME BRICK, AMARETTO

1/3 ACME BRICK, CRIMSON

WHITE BRICK

ACME BRICK, RUSTIC WHITE

CLEAR ANODIZED ALUMINUM

STOREFRONT AND CANOPIES

GLAZING

LOW-E, GRAY TINT, TO MEET CURRENT ENERGY CODE

NOTE: ALL MATERIALS TO MATCH EXISTING

OWNER INFORMATION
GARY HANCOCK
FIRST UNITED METHODIST ROCKWALL
1200 E. YELLOW JACKET LANE, ROCKWALL, TX 75087
972-839-1222
GHANCOCK@FUMCROCKWALL.COM

FIRST UNITED METHODIST ROCKWALL
CASE NUMBER

SP2021-006

APPROVED:
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE _____ DAY OF _____, 2021.

WITNESS OUR HANDS, THIS _____ DAY OF_____, 2021.

PLANNING & ZONING COMMISSION, CHAIRMAN

DIRECTOR OF PLANNING AND ZONING

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

gff ARCHITECTS
Dallas | Fort Worth | Austin

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL

1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

GFF
Drawn By

MLH
Reviewed

04/06/2021

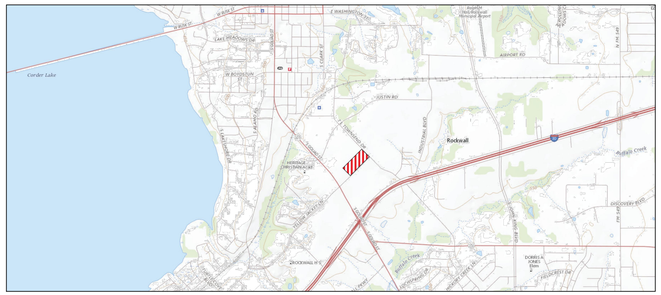
FACADE PLAN

Project No. 18079
Date 04/06/21

A-1

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LOCATION MAP



SCALE: NTS

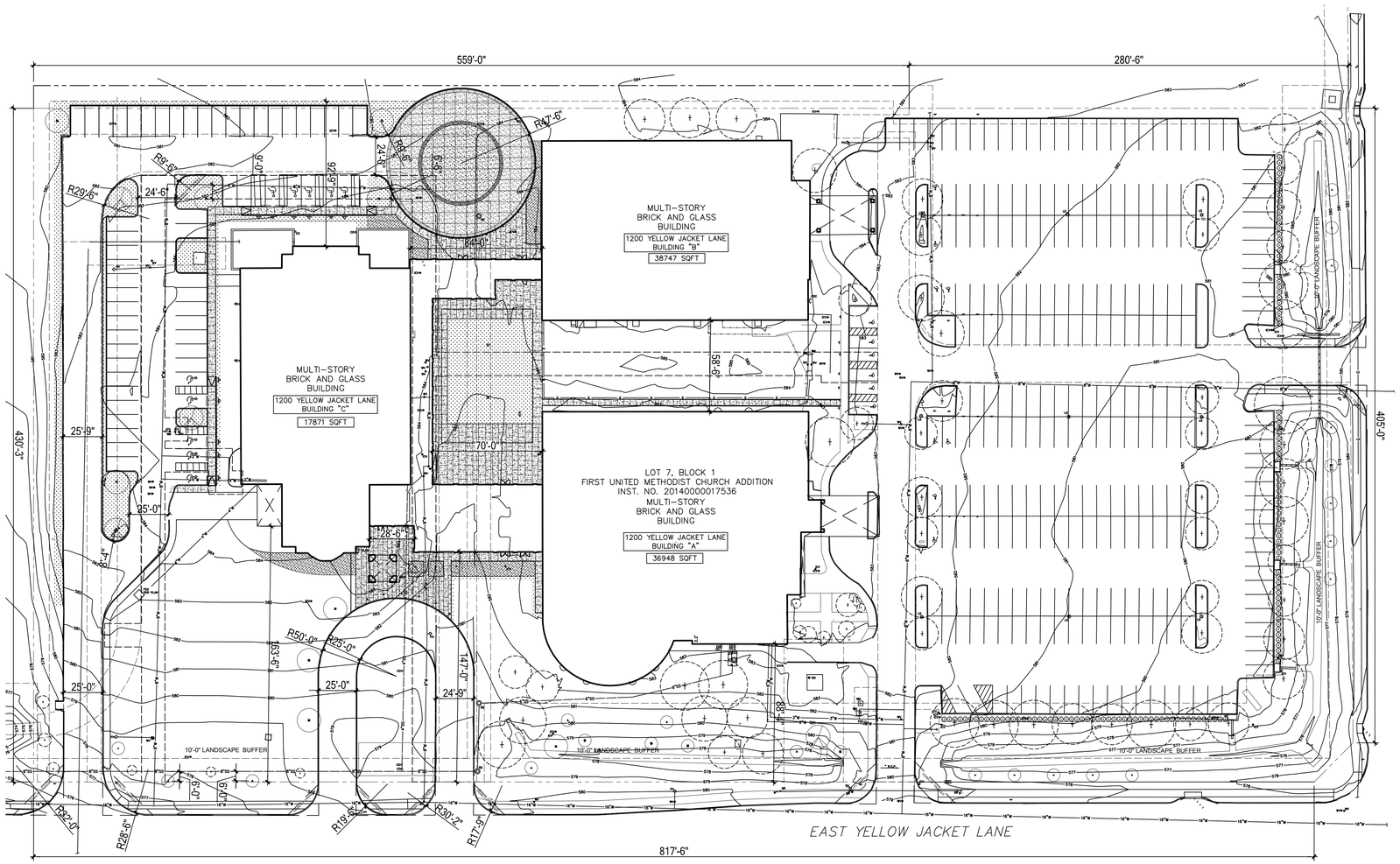
PLAN NORTH

IRRIGATION NOTES

- IRRIGATION INSTALLATION TO BE DESIGN/BUILD BY THE CONTRACTOR / SUBCONTRACTOR
- ALL LAWN SURFACES TO BE FULLY IRRIGATED WITH 100% HEAD TO HEAD COVERAGE. NO ROTOR SPRAY HEADS ARE TO BE USED
- ALL TREES TO BE IRRIGATED WITH MIN. (2) RAIN BIRD RWS OR EQUAL.
- SLEEVES TO BE PROVIDED AS NEEDED TO CONNECT IRRIGATION LINES TO ANY PLANTED MEDIANS OR OTHER LANDSCAPE AREAS SEPARATED BY PAVEMENT PRIOR TO PAVEMENT INSTALLATION.
- NO IRRIGATION SPRAY IS TO BE DIRECTED ONTO WALKWAYS OR OTHER PAVEMENT.
- ALL IRRIGATION LINES SHALL BE LEAK-TESTED PRIOR TO BURIAL.
- THE DEVELOPER SHALL MAINTAIN THE SEEDED AREA, INCLUDING WATERING, UNTIL A "PERMANENT STAND OF GRASS" IS OBTAINED BY THE CITY.
- SPRINKLER HEADS TO BE INSTALLED ONLY AFTER SYSTEM HAS BEEN COMPLETELY FLUSHED.
- ALL IRRIGATION AND RELATED EQUIPMENT INCLUDING (BUT NOT LIMITED TO) PIPING, VALVES, THRUST BLOCKS, CONTROL WIRE, VALVE BOXES, SPRINKLER HEADS, RISERS, ETC. TO BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- 'AS-BUILT' DRAWINGS FOR ALL IRRIGATION PLUMBING AND EQUIPMENT SHALL BE ACCURATELY MAINTAINED DURING INSTALLATION AND PROVIDED TO OWNER AT TIME OF FINAL ACCEPTANCE.
- IRRIGATION MUST FOLLOW ALL TCEQ 30 TAC 344
- ADAPT EXISTING IRRIGATION SYSTEM TO ACCOMMODATE REVISED PLANTING AREAS
- IRRIGATION MUST FOLLOW THE REQUIREMENTS OF THE CITY OF ROCKWALL UNIFIED DEVELOPMENT CODE

PLANTING LEGEND

- PRESERVED TREE
- BALD CYPRESS (4" CAL MIN)
- CHINQUAPIN OAK (4" CAL MIN)
- LIVE OAK (4" CAL MIN)
- CRAPE MYRTLE (6'-8" MIN HT)
- TEXAS REDBUD (6'-8" MIN HT)
- YAUPON HOLLY (6'-8" MIN HT)
- DWARF WAX MYRTLE (5 GAL MIN)
- ASIAN JASMINE
- TIF 419 BERMUDA GRASS
- PROPERTY LINE
- EASEMENT LINE



Scale: 1" = 40'-0"
0 20 40 80 Feet

PLAN NORTH TRUE NORTH

Site Data

		Value (ft²)	Percentage
Total Lot Area		358,340	
	Impervious Area	230,422	64%
	Pervious Area	127,918	36%
Landscape Open Space		87,431	24%
Landscape Area			
	Required (Commercial Zoning)	71,668	20%
	Total Area	119,046	33%
	Required Front Yard	59,523	50%
	Front Yard Landscaping	60,535	51%

Site		
Shade Trees Added (4" cal. min.)	13	
Bald Cypress (Taxodium distichum)		4
Chinquapin Oak (Quercus muehlenbergii)		5
Live Oak (Quercus virginiana)		4
Accent Trees Added (6'-8" ht. min.)	27	
Crape Myrtle (Lagerstroemia)		20
Texas Redbud (Cercis canadensis var. texensis)		3
Yaupon Holly (Ilex vomitoria)		4
Shrubs Added (5 gal. min.)	127	
Dwarf Wax Myrtle (Myrica cerifera var. pumila)		127
Property Boundary		
East Yellow Jacket Lane	818'-0"	
Requred Shade Trees	16	
Shade Trees Provided	16	
Required Accent Trees	16	
Accent Trees	16	
North T.L. Townsend Drive	405'-0"	
Requred Shade Trees	8	
Shade Trees Provided	8	
Required Accent Trees	8	
Accent Trees	8	
West Parking Lot		
Spaces	60	
Required ShadeTrees (1:10 Spaces)	6	
Shade Trees Provided	8	

OWNER INFORMATION
GARY HANCOCK
FIRST UNITED METHODIST ROCKWALL
1200 E. YELLOW JACKET LANE, ROCKWALL, TX 75087
972-839-1222
GHANCOCK@FUMCROCKWALL.COM

FIRST UNITED METHODIST ROCKWALL CASE NUMBER
SP2021-006

APPROVED:
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE _____ DAY OF _____, 2021.

WITNESS OUR HANDS, THIS _____ DAY OF_____, 2021.

PLANNING & ZONING COMMISSION, CHAIRMAN

DIRECTOR OF PLANNING AND ZONING

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

gff LANDSCAPE
3300 West 7th Street, Suite 110
Fort Worth, Texas 76107 | 817.303.1500
2808 Fairmount Street, Suite 300
Dallas, Texas 75201 | 214.303.1500

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

MC
Drawn By
MSB
Reviewed

REGISTERED LANDSCAPE ARCHITECT MARK STEPHEN BONDS 2767 STATE OF TEXAS

LANDSCAPE PLAN

Project No. 18079.00
Date 04/06/21

LS-101

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TREE PRESERVATION NOTES

A. ALL TREES SHALL REMAIN UNLESS NOTED ON THE PLANS.

B. NO SITE PREPARATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED.

C. ALL EXISTING TREES DENOTED TO REMAIN SHALL BE PROTECTED AT THE ROOT PROTECTION ZONE(RPZ). THE RPZ SHALL BE DETERMINED BY TREE SIZE (RECOMMENDED 12" RADIUS FROM TRUNK FOR EVERY 1" IN DIAMETER OF TRUNK AT 4.5' FROM GROUND) WITH A MINIMUM 5' DIAMETER FROM THE TRUNK.

D. A CHAIN LINK FENCE BARRIER DELINEATING THE RPZ SHALL BE ERECTED AND MAINTAINED BY THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETED.

E. RPZ SHALL BE SUSTAINED IN A NATURAL STATE AND SHALL BE FREE FROM VEHICULAR OR MECHANICAL TRAFFIC.

F. THE RPZ SHALL BE COVERED WITH MULCH AND BE MAINTAINED BY GENERAL CONTRACTOR DURING CONSTRUCTION PHASE TO REDUCE MOISTURE STRESS.

G. DURING CONSTRUCTION, NO EXCESS SOIL, ADDITIONAL FILL MATERIAL, EQUIPMENT, LIQUIDS, OR CONSTRUCTION DEBRIS SHALL BE PLACED INSIDE THE PROTECTION BARRIER, NOR SHALL ANY SOIL BE REMOVED FROM WITHIN THE BARRIER.

H. ANY DAMAGE DONE TO EXISTING TREE CROWNS OR ROOT SYSTEMS SHALL BE CUT CLEANLY IMMEDIATELY AFTER INJURY. ALL WOUNDS TO LIVE OAKS SHALL BE PAINTED WITH PRUNING PAINT WITHIN 30 MINUTES AFTER DAMAGE. ROOTS EXPOSED DURING CONSTRUCTION OPERATIONS WILL BE CUT CLEANLY.

I. THE PROPOSED FINISH GRADE AND ELEVATION OF LAND WITHIN THE RPZ OF ANY TREE TO BE PRESERVED SHALL NOT BE RAISED OR LOWERED MORE THAN THREE INCHES. WELLING AND RETAINING METHODS ARE ALLOWED OUTSIDE THE RPZ.

J. THE RPZ SHALL REMAIN PERVIOUS, I.E. GROUNDCOVER OR TURF AT COMPLETION OF LANDSCAPE INSTALLATION.

K. THE ASSOCIATED TREE PROTECTION DETAIL COMPLIES WITH THE MINIMUM TREE PROTECTION GUIDELINES FROM THE CITY OF ROCKWALL.

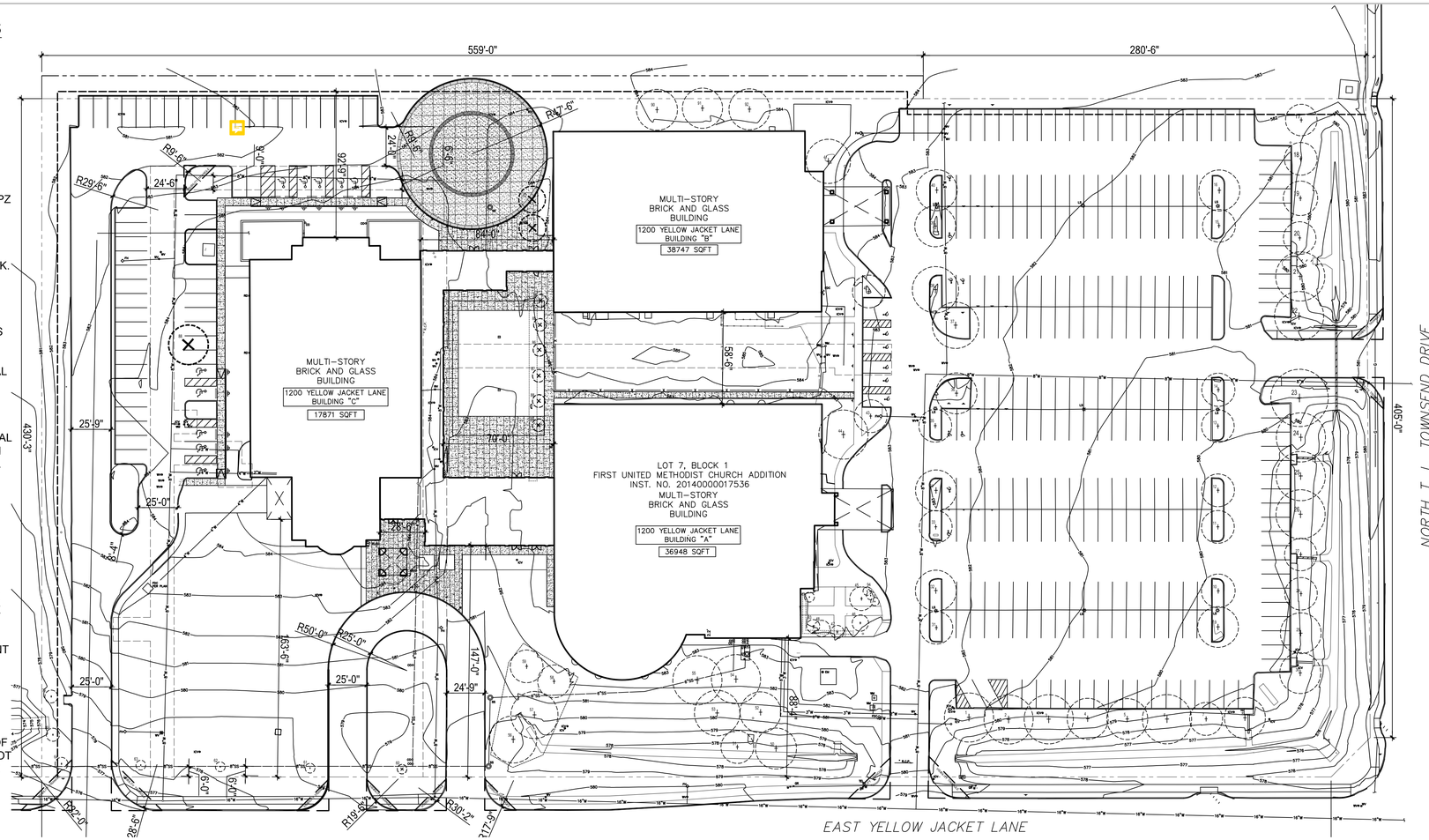
L. WHERE POSSIBLE, PROVIDE FENCE TO TREE DRIP LINE OR GROUP TREES IN FENCE PERIMETER TO PROVIDE INCREASED PROTECTION.

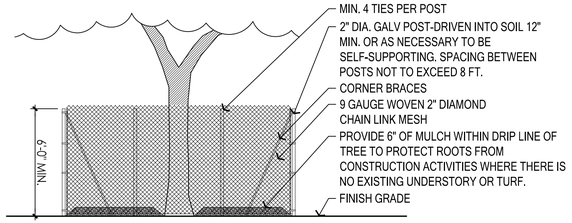
M. NO WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.

N. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED PER THE GOVERNING JURISDICTION THE PROJECT IS LOCATED WITHIN.

0. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE BUT IS NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.

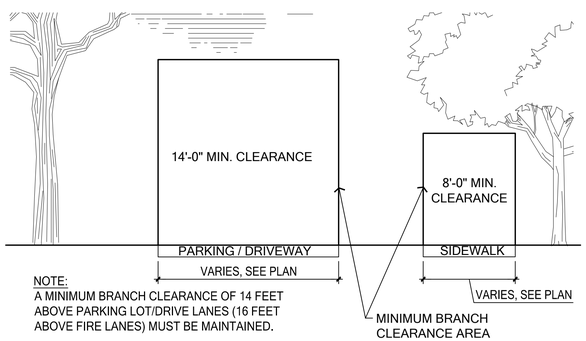
P. ROOTS SHALL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.





03-DETAIL: TREE FENCE PROTECTION

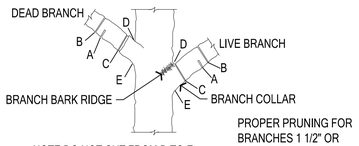
SCALE: 1/4"= 1'-0"



NOTE:
A MINIMUM BRANCH CLEARANCE OF 14 FEET ABOVE PARKING LOT/DRIVE LANES (16 FEET ABOVE FIRE LANES) MUST BE MAINTAINED.

04-DETAIL: TREE BRANCH CLEARANCE

SCALE: 1/4"= 1'-0"



NOTE:DO NOT CUT FROM D TO E

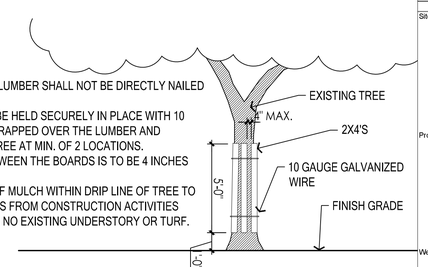
PROPER PRUNING FOR BRANCHES 1 1/2" OR GREATER DIA.

A. FIRST CUT- TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
B. SECOND CUT- TO REDUCE THE WEIGHT OF BRANCH.
C. FINAL CUT- ALLOW FOR HEALING COLLAR BUT NO STUBS.
D. BRANCH RIDGES- INDENT PROPERLY BRANCH RIDGES WHICH ARE SITE FOR DECAY.

FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING SPRAY WITHIN 20 MINUTES TO PREVENT SPREAD OF OAK WILT

01-DETAIL: TREE PRUNING

SCALE: 1/4"= 1'-0"



NOTES:
1. PROTECTIVE LUMBER SHALL NOT BE DIRECTLY NAILED TO THE TREE
2. 2X4'S SHALL BE HELD SECURELY IN PLACE WITH 10 GAUGE WIRE WRAPPED OVER THE LUMBER AND AROUND THE TREE AT MIN. OF 2 LOCATIONS.
3. THE GAP BETWEEN THE BOARDS IS TO BE 4 INCHES OR LESS.
4. PROVIDE 6" OF MULCH WITHIN DRIP LINE OF TREE TO PROTECT ROOTS FROM CONSTRUCTION ACTIVITIES WHEN THERE IS NO EXISTING UNDERSTORY OR TURF.

02-DETAIL: TRUNK PROTECTION

SCALE: 1/4"= 1'-0"

Site Data

	Value (ft²)	Percentage
Total Lot Area	358,340	
Impervious Area	230,422	64%
Pervious Area	127,918	36%
Landscape Open Space	87,431	24%
Landscape Area		
Required (Commercial Zoning)	71,668	20%
Total Area	119,046	33%
Required Front Yard	59,523	50%
Front Yard Landscaping	60,535	51%

Site		
Shade Trees Added (4" min.)	13	
Bald Cypress (Taxodium distichum)		4
Chinquapin Oak (Quercus muehlenbergii)		5
Live Oak (Quercus virginiana)		4
Accent Trees Added (4" min.)	27	
Crape Myrtle (Lagerstroemia)		20
Texas Redbud (Cercis canadensis var. texensis)		3
Yaupon Holly (Ilex vomitoria)		4
Shrubs Added	127	
Dwarf Wax Myrtle (Myrica cerifera var. pumila)		127
Property Boundary		
East Yellow Jacket Lane	818'-0"	
Required Shade Trees	16	
Shade Trees Provided	16	
Required Accent Trees	16	
Accent Trees	16	
North T.L. Townsend Drive	405'-0"	
Required Shade Trees	8	
Shade Trees Provided	8	
Required Accent Trees	8	
Accent Trees	8	
West Parking Lot		
Spaces	60	
Required ShadeTrees (1:10 Spaces)	6	
Shade Trees Provided	8	

TREE PRES. LEGEND

PROPERTY LINE

EASEMENT LINE

EXISTING TREE TO REMAIN

EXISTING TREE TO BE REMOVED

2x4 TREE PROTECTION

TREE PROTECTION FENCE

Tree #	Species	Retained DBH Inches	Removed DBH Inches
1	Live Oak *(quercus virginiana)*	12	
2	Live Oak *(quercus virginiana)*	12	
3	Live Oak *(quercus virginiana)*	12	
4	Live Oak *(quercus virginiana)*	10	
5	Live Oak *(quercus virginiana)*	12	
6	Live Oak *(quercus virginiana)*	14	
7	Live Oak *(quercus virginiana)*	10	
8	Live Oak *(quercus virginiana)*	12	
9	Cedar Elm *(ulmus crassifolia)*	1	
10	Cedar Elm *(ulmus crassifolia)*	8	
11	Cedar Elm *(ulmus crassifolia)*	11	
12	Cedar Elm *(ulmus crassifolia)*	8	
13	Cedar Elm *(ulmus crassifolia)*	8	
14	Cedar Elm *(ulmus crassifolia)*	8	
15	Cedar Elm *(ulmus crassifolia)*	6	
16	Cedar Elm *(ulmus crassifolia)*	10	
17	Bald Cyprus *(taxodium distichum)*	17	
18	Bald Cyprus *(taxodium distichum)*	11	
19	Bald Cyprus *(taxodium distichum)*	12	
20	Bald Cyprus *(taxodium distichum)*	12	
21	Bald Cyprus *(taxodium distichum)*	16	
22	Bald Cyprus *(taxodium distichum)*	18	
23	Bald Cyprus *(taxodium distichum)*	14	
24	Bald Cyprus *(taxodium distichum)*	12	
25	Bald Cyprus *(taxodium distichum)*	12	
26	Bald Cyprus *(taxodium distichum)*	12	
27	Bald Cyprus *(taxodium distichum)*	12	
28	Bald Cyprus *(taxodium distichum)*	12	
29	Bald Cyprus *(taxodium distichum)*	12	
30	Bald Cyprus *(taxodium distichum)*	12	
31	Cedar Elm *(ulmus crassifolia)*	8	
32	Cedar Elm *(ulmus crassifolia)*	9	
33	Cedar Elm *(ulmus crassifolia)*	7	
34	Cedar Elm *(ulmus crassifolia)*	9	
35	Cedar Elm *(ulmus crassifolia)*	8	
36	Cedar Elm *(ulmus crassifolia)*	9	
37	Cedar Elm *(ulmus crassifolia)*	9	
38	Cedar Elm *(ulmus crassifolia)*	8	
39	Cedar Elm *(ulmus crassifolia)*	8	
40	Cedar Elm *(ulmus crassifolia)*	8	
41	Ash	12	
42	Live Oak *(quercus virginiana)*	8	
43	Texas Red Oak *(quercus buckleyi)*	8	
44	Texas Red Oak *(quercus buckleyi)*	14	
45	Crepe Myrtle *(lagerstroemia)*	5	
46	Crepe Myrtle *(lagerstroemia)*	5	
47	Crepe Myrtle *(lagerstroemia)*	5	
48	Crepe Myrtle *(lagerstroemia)*	5	
49	Crepe Myrtle *(lagerstroemia)*	5	
50	Bald Cyprus *(taxodium distichum)*	14	
51	Bald Cyprus *(taxodium distichum)*	12	
52	Bald Cyprus *(taxodium distichum)*	12	
53	Bald Cyprus *(taxodium distichum)*	14	
54	Bald Cyprus *(taxodium distichum)*	15	
55	Bald Cyprus *(taxodium distichum)*	15	
56	Bald Cyprus *(taxodium distichum)*	14	
57	Bald Cyprus *(taxodium distichum)*	14	
58	Bald Cyprus *(taxodium distichum)*	10	
59	Bald Cyprus *(taxodium distichum)*	10	
60	Bald Cyprus *(taxodium distichum)*		5
61	Bald Cyprus *(taxodium distichum)*	5	
62	Bald Cyprus *(taxodium distichum)*	5	
63	Bald Cyprus *(taxodium distichum)*	5	
64	Bald Cyprus *(taxodium distichum)*	6	
65	Bald Cyprus *(taxodium distichum)*	5	
66	Bald Cyprus *(taxodium distichum)*	6	
67	Bald Cyprus *(taxodium distichum)*	-	
68	Bald Cyprus *(taxodium distichum)*	6	
69	Bald Cyprus *(taxodium distichum)*	4	
70	Bald Cyprus *(taxodium distichum)*	5	
71	Bald Cyprus *(taxodium distichum)*	5	
72	Bald Cyprus *(taxodium distichum)*	5	
73	Bald Cyprus *(taxodium distichum)*	5	
74	Bald Cyprus *(taxodium distichum)*	6	
75	Bald Cyprus *(taxodium distichum)*	5	
76	Bald Cyprus *(taxodium distichum)*	6	
77	Bald Cyprus *(taxodium distichum)*	4	
78	Bald Cyprus *(taxodium distichum)*	6	
79	Bald Cyprus *(taxodium distichum)*	6	
80	Bald Cyprus *(taxodium distichum)*	6	
81	Texas Red Oak *(quercus buckleyi)*		8
82	Yaupon Holly *(ilex vomitoria)*		-
83	Yaupon Holly *(ilex vomitoria)*		-
84	Crepe Myrtle *(lagerstroemia)*		5
85	Crepe Myrtle *(lagerstroemia)*		5
86	Crepe Myrtle *(lagerstroemia)*		5
87	Crepe Myrtle *(lagerstroemia)*		5
88	Crepe Myrtle *(lagerstroemia)*		5
89	Crepe Myrtle *(lagerstroemia)*		5
90	Texas Red Oak *(quercus buckleyi)*	9	
91	Texas Red Oak *(quercus buckleyi)*	9	
92	Texas Red Oak *(quercus buckleyi)*	8	
93	Ash	6	
94	Crepe Myrtle *(lagerstroemia)*	6	
		Planted	Retained	Removed
Total Inches		64	743	43

Scale: 1" = 40'-0"
0 20 40 80 Feet

PLAN NORTH TRUE NORTH

OWNER INFORMATION
GARY HANCOCK
FIRST UNITED METHODIST ROCKWALL
1200 E. YELLOW JACKET LANE, ROCKWALL, TX 75087
972-839-1222
GHANCOCK@FUMCROCKWALL.COM

FIRST UNITED METHODIST ROCKWALL CASE NUMBER
SP2021-006

APPROVED:
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE _____ DAY OF _____, 2021.

WITNESS OUR HANDS, THIS _____ DAY OF_____, 2021.

PLANNING & ZONING COMMISSION, CHAIRMAN

DIRECTOR OF PLANNING AND ZONING

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

gff LANDSCAPE
2808 Fairmount Street, Suite 300
Dallas, Texas 75201 | 214.303.1500
3300 West 7th Street, Suite 110
Fort Worth, Texas 76107 | 817.303.1500

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH
ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

MC Drawn By
MSB Reviewed

REGISTERED LANDSCAPE ARCHITECT MARK STEPHEN BOWLES 2767 STATE OF TEXAS

TREESCAPE PLAN

Project No. 18079.00
Date 04/06/21

LS-100

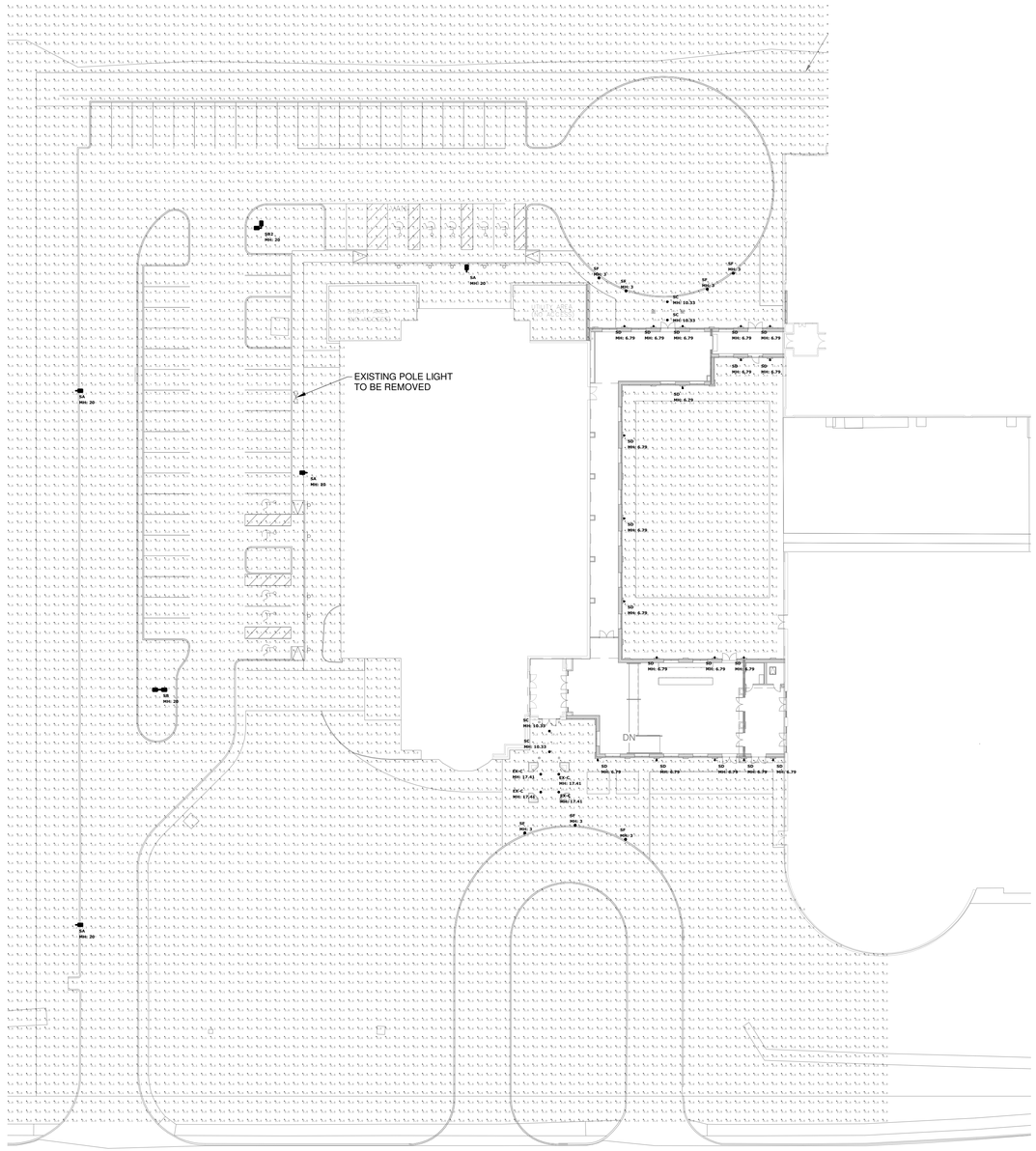
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SITE LIGHTING FIXTURE SCHEDULE

SCHEDULE NOTES:

1. PROVIDE ALL REQUIRED MOUNTING HARDWARE AND ACCESSORIES REQUIRED FOR MOUNTING NECESSARY

TYPE	DESCRIPTION	MANUFACTURER	MODEL#	VOLT	COLOR	LUMENS	VA
EX-C	EXISTING DOWNLIGHT			208 V	3500	1168	15 VA
SA	LED SITE POLE LIGHT	LITHONIA	RSX1-LED-P2-40K-R3-MVOLT-SPA-DDBXD	208 V	4000K	7509	73 VA
SB	LED SITE POLE LIGHT	LITHONIA	RSX1-LED-P2-40K-R3-MVOLT-SPA-DDBXD	208 V	4000K	150818	146 VA
SC	LED 4" CYLINDER	GOTHAM	EVO4SC-35/15-AR-WD-LD-MVOLT-JBXCC	208 V	3500	1500	14 VA
SD	EXTERIOR WALL SCONCE	GOTHAM	SY300-L1L10-R40D-120V	208 V	4000	859	13 VA
SF	LED SITE BOLLARD	BEGA	99 570-79 817	208 V	4000	1091	14 VA



1 / E101 PHOTOMETRIC SITE PLAN

1" = 30'-0"

30' 0' 30' 60'

1" = 30'-0"

SITE DATA SUMMARY CHART

TOTAL LOT AREA	369,609 SF = 8.485 ARCES
BUILDING AREA	
BUILDING A (EXISTING)	36,948 SF
BUILDING B (EXISTING)	38,747 SF
BUILDING C (EXISTING)	17,871 SF
BUILDING D (NEW)	7,278 SF
REQUIRED PARKING	
1 SPACE PER 4 SEATS	
NUMBER OF SEATS	1076
REQUIRED PARKING SPACES	269
REQUIRED ACCESSIBLE SPACES	8
VAN ACCESSIBLE SPACE	1 (1 PER 8 ACCESSIBLE SPACES)
NUMBER OF SPACES PROVIDED	
EXISTING STANDARD SPACES	253
NEW STANDARD SPACES	50
TOTAL STANDARD SPACES	303
EXISTING ACCESSIBLE SPACES	13
NEW ACCESSIBLE SPACES	9
EXISTING VAN SPACES	1
NEW VAN SPACES	1
TOTAL ACCESSIBLE & VAN SPACES	24
TOTAL PROVIDED SPACES	327
ROOF MECHANICAL SCREEN HEIGHT (MEASURED FROM PARAPET)	
BUILDING A (EXISTING)	6'-0"
BUILDING B (EXISTING)	8'-0"
BUILDING C (EXISTING)	N/A
BUILDING D (NEW)	3'-11 3/8"

OWNER INFORMATION
GARY HANCOCK
FIRST UNITED METHODIST ROCKWALL
1200 E. YELLOW JACKET LANE, ROCKWALL, TX 75087
972-839-1222
GHANCOCK@FUMCROCKWALL.COM

FIRST UNITED METHODIST ROCKWALL
CASE NUMBER
SP2021-006

APPROVED:
I HEREBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE _____ DAY OF _____, 2021.

WITNESS OUR HANDS, THIS _____ DAY OF_____, 2021.

PLANNING & ZONING COMMISSION, CHAIRMAN

DIRECTOR OF PLANNING AND ZONING

FIRST UNITED METHODIST CHURCH
YELLOW JACKET LANE & TOWNSEND ROAD
LOT 7, BLOCK 1
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

Summit CONSULTANTS, INC.
1300 Summit Avenue Office 817 878 4242
Suite 500 Facsimile 817 878 4240
Fort Worth, Texas 76102 www.summitmep.com
Texas BPE Registration # F-207

SITE PLAN SUBMISSION

FIRST UNITED METHODIST CHURCH ROCKWALL
1200 E YELLOW JACKET LN.
ROCKWALL, TX 75087

No.	Date	Revision

SUMMIT
Drawn By

Approver
Reviewed

STATE OF TEXAS
4/6/2021
JAMES S. RUSE
102703
LICENSED
PROFESSIONAL ENGINEER
03/19/2021

PHOTOMETRIC SITE PLAN

Project No. 18079
Date 03/19/21

E101

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RSX1 LED
Area Luminaire

Catalog Number

Notes

Type TYPE SA

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

Specifications

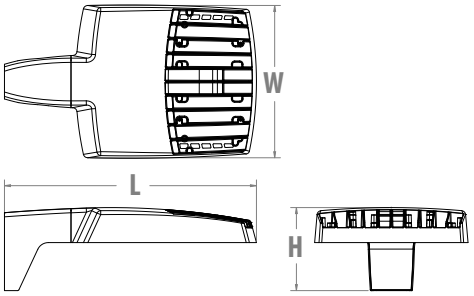
EPA (ft²@0°): 0.57 ft² (0.05 m²)

Length: 21.8" (55.4 cm) (SPA mount)

Width: 13.3" (33.8 cm)

Height: 3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm

Weight (max): 31.0 lbs (14.1 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide [1] R5S Type 5 Short [1] AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) [2] HVOLT (347V-480V) [3] **(use specific voltage for options as noted)** 120 [3] 277 [4] 208 [3] 347 [4] 240 [3] 480 [4]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) [5] WBA Wall bracket [1] WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting [5] AARP Adjustable tilt arm round pole mounting [5] AAWB Adjustable tilt arm with wall bracket [5] AAWSC Adjustable tilt arm wall bracket and surface conduit box [5]

Options

Shipped Installed

HS	House-side shield [6]
PE	Photocontrol, button style [7,8]
PEX	Photocontrol external threaded, adjustable [8,9]
PER7	Seven-wire twist-lock receptacle only (no controls) [8,10,11,12]
CE34	Conduit entry 3/4" NPT (Qty 2)
SF	Single fuse (120, 277, 347) [4]
DF	Double fuse (208, 240, 480) [4]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [8,12]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [8,12]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2	nLight AIR generation 2 [12,13,14]
PIRHN	Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) [12,14,15]

***Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.**

Shipped Separately (requires some field assembly)

EGS	External glare shield [6]
EGFV	External glare full visor (360° around light aperture) [6]
BS	Bird spikes [16]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.acuitybrands.com

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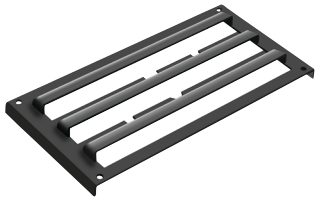
Ordering Information

Accessories
Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glares hield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) [17]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [17]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [17]
DSHORT SBK U	Shorting cap [17]

NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
5 Maximum tilt is 90° above horizontal.
6 It may be ordered as an accessory.
7 Requires MVOLT or 347V.
8 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
9 Requires 120V, 208V, 240V, 277V or 347V.
10 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
12 Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
13 Must be ordered with PIRHN.
14 Requires MVOLT or HVOLT.
15 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
16 Must be ordered with fixture for factory pre-drilling.
17 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

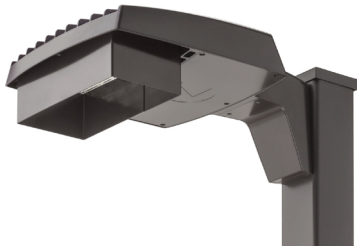
External Shields



House Side Shield



External Glare Shield

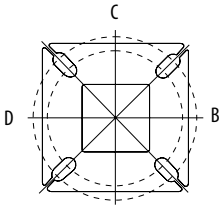


External 360 Full Visor

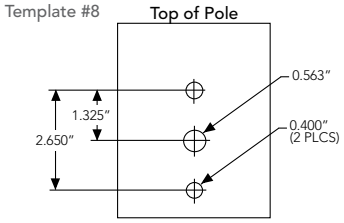
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

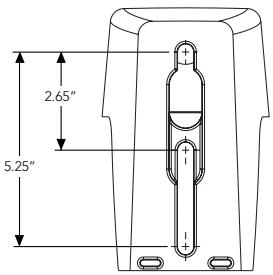
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	**Drill Nomenclature**	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX1 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

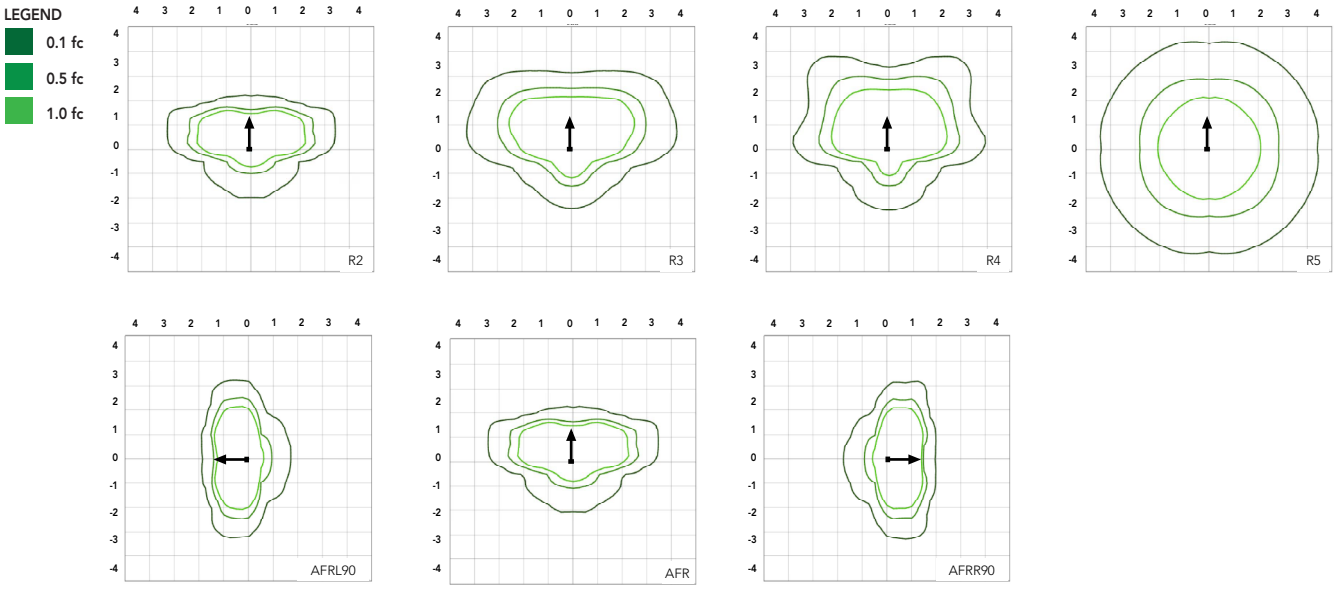
Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	**Tilt**									
SPA - Square Pole Adaptor	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor		0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor		0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

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Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX1 LED P4 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 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

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Performance Data

Lumen Output

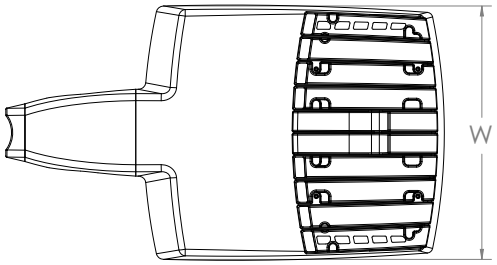
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

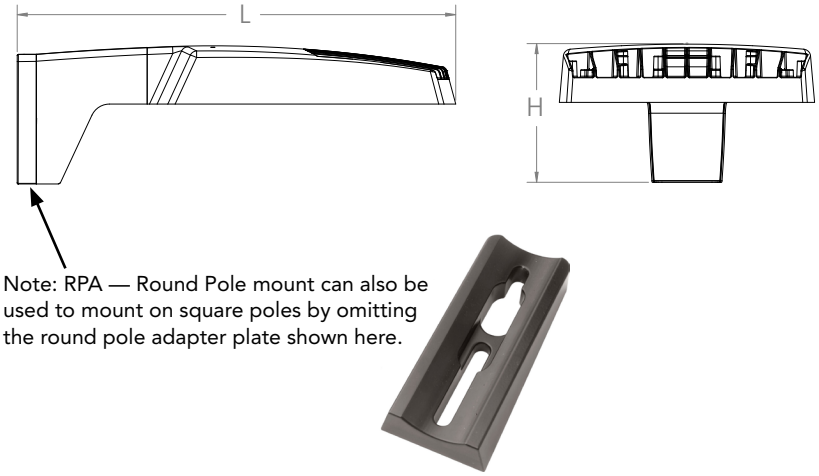
Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

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Dimensions

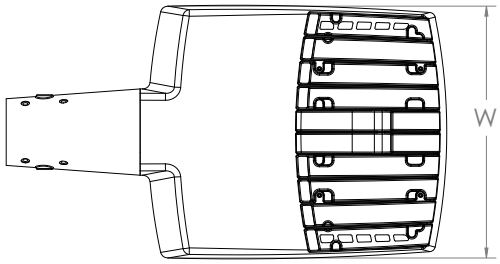
RSX1 with Round Pole Adapter (RPA)

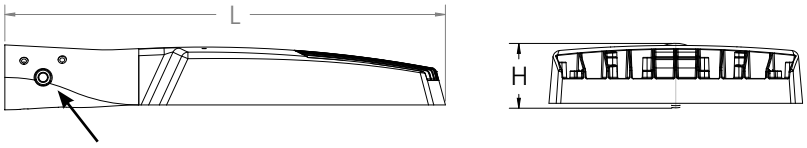




Length: 22.8" (57.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.4 cm) Arm

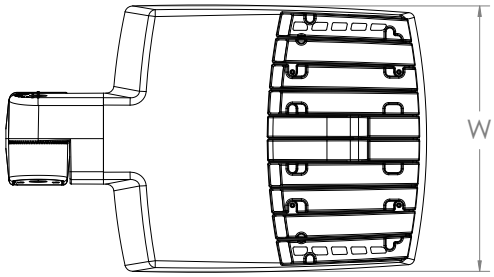
RSX1 with Mast Arm Adapter (MA)

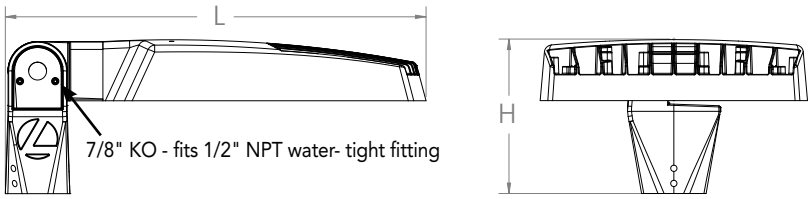




Length: 23.2" (59.1 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

RSX1 with Adjustable Slipfitter (IS)



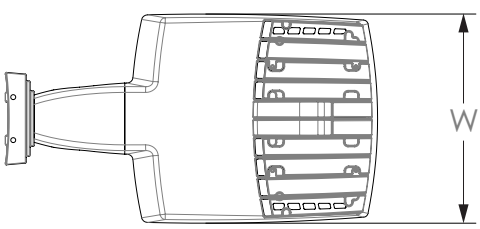


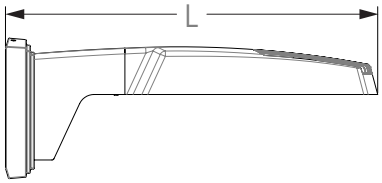
Length: 20.7" (52.7 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

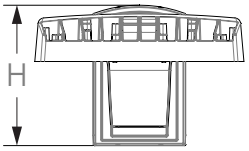
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Dimensions

RSX1 with Wall Bracket (WBA)

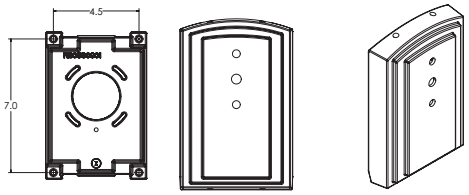




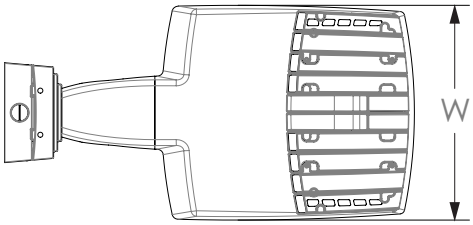


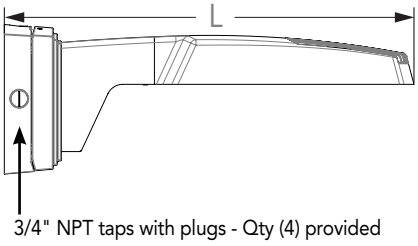
Length: 23.6" (59.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

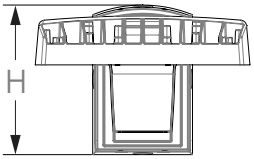


RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



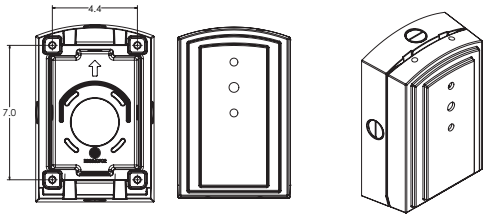


3/4" NPT taps with plugs - Qty (4) provided



Length: 25.3" (64.3 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

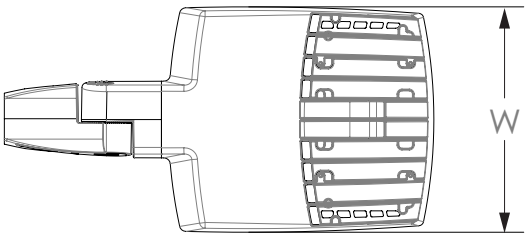
Surface Conduit Box (SCB) Mounting Detail

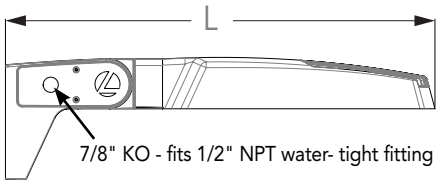


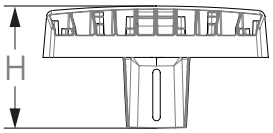
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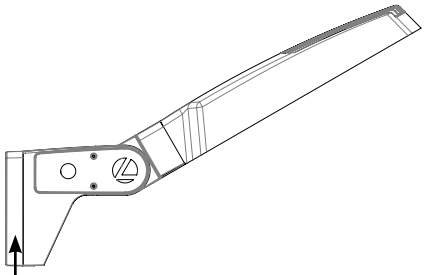
Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 25.3" (65.3 cm) **AASP**
26.3" (66.8 cm) **AARP**
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

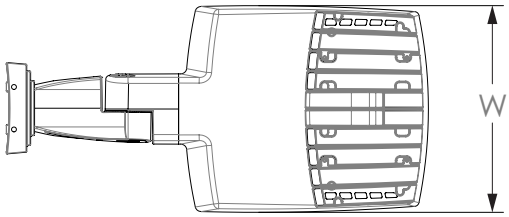


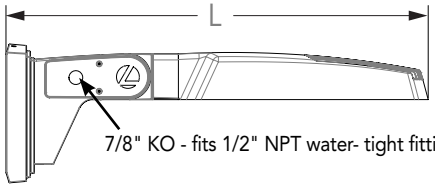
Notes

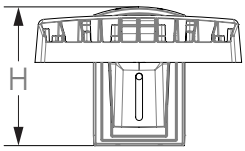
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

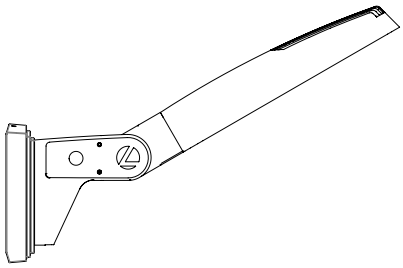
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



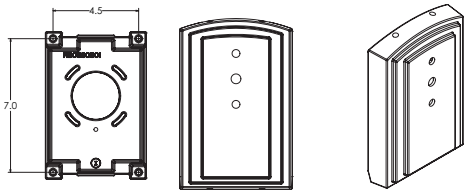






Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

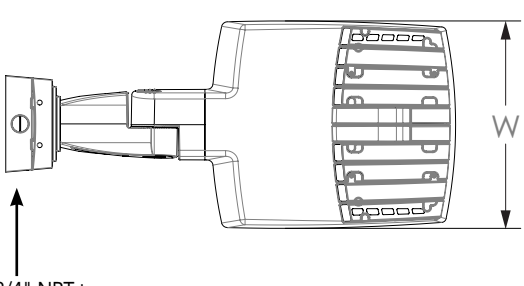
Wall Bracket (WBA) Mounting Detail



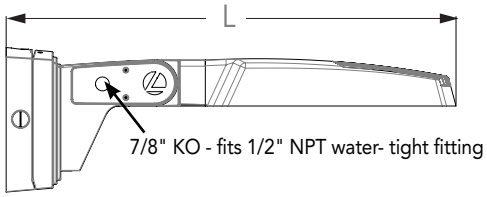
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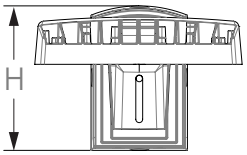
Dimensions

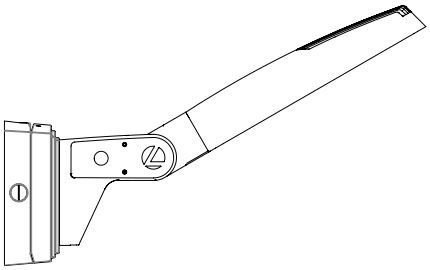
RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



3/4" NPT taps
with plugs - Qty (4)
provided

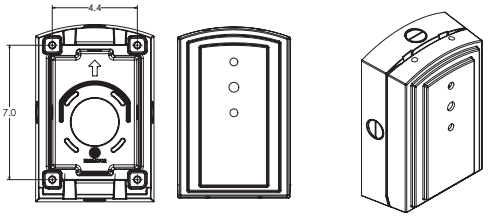




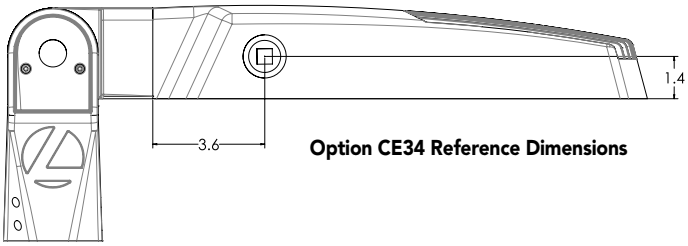


Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

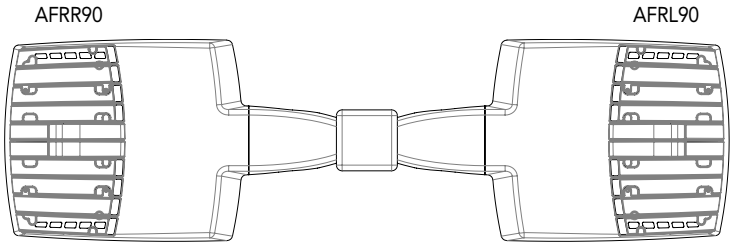


Additional Reference Drawings



Option CE34 Reference Dimensions

Automotive Front Row - Rotated Optics (AFRL90/R90)

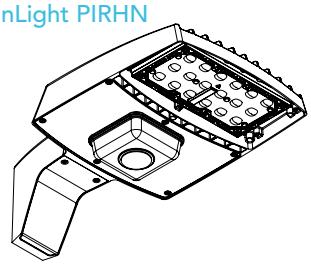


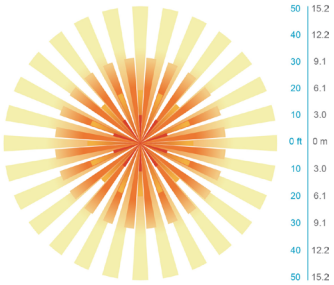
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nLight Control - Sensor Coverage and Settings

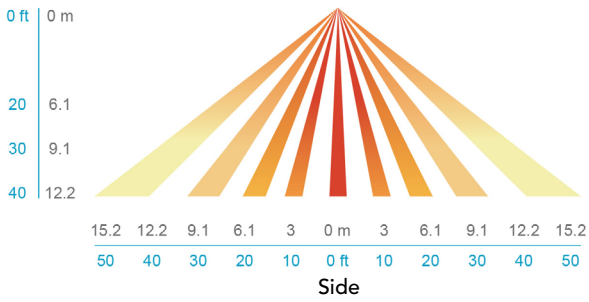
PIRHN nLight Sensor Coverage Pattern

nLight PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App.

FEATURES & SPECIFICATIONS

INTENDED USE
The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION
The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for a 1.5 G vibration load per ANSI C136.31. WITH Vibration rated per ANSI C136.31: 3G Mountings: SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

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 superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS
Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFRR90 and ARFL90.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS
The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS
The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION
Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY
5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/customer-support/terms-and-conditions

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.

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RSX1 LED
Area Luminaire

Catalog Number

Notes

Type TYPE SB

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

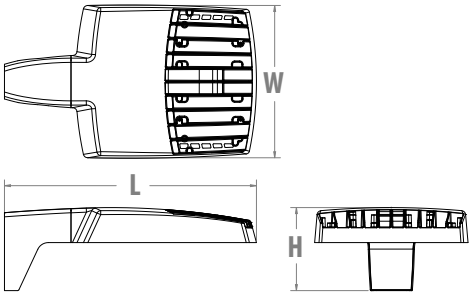
Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Specifications

EPA (ft²@0°):	0.57 ft² (0.05 m²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight (max):	31.0 lbs (14.1 kg)



Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1 P2 P3 P4	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide [1] R5S Type 5 Short [1] AFR Automotive Front Row AFRR90 Automotive Front Row Right Rotated AFRL90 Automotive Front Row Left Rotated	MVOLT (120V-277V) [2] HVOLT (347V-480V) [3] **(use specific voltage for options as noted)** 120 [3] 277 [4] 208 [3] 347 [4] 240 [3] 480 [4]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon) IS Adjustable slipfitter (fits 2-3/8" OD tenon) [5] WBA Wall bracket [1] WBASC Wall bracket with surface conduit box AASP Adjustable tilt arm square pole mounting [5] AARP Adjustable tilt arm round pole mounting [5] AAWB Adjustable tilt arm with wall bracket [5] AAWSC Adjustable tilt arm wall bracket and surface conduit box [5]

Options

Shipped Installed

HS	House-side shield [6]
PE	Photocontrol, button style [7,8]
PEX	Photocontrol external threaded, adjustable [8,9]
PER7	Seven-wire twist-lock receptacle only (no controls) [8,10,11,12]
CE34	Conduit entry 3/4" NPT (Qty 2)
SF	Single fuse (120, 277, 347) [4]
DF	Double fuse (208, 240, 480) [4]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [8,12]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [8,12]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2	nLight AIR generation 2 [12,13,14]
PIRHN	Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) [12,14,15]

***Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.**

Shipped Separately (requires some field assembly)

EGS	External glare shield [6]
EGFV	External glare full visor (360° around light aperture) [6]
BS	Bird spikes [16]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

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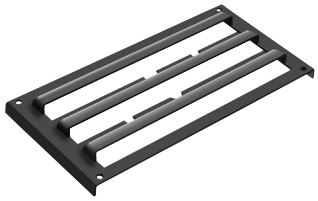
Ordering Information

Accessories
Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glares hield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) [17]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [17]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [17]
DSHORT SBK U	Shorting cap [17]

NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
5 Maximum tilt is 90° above horizontal.
6 It may be ordered as an accessory.
7 Requires MVOLT or 347V.
8 Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
9 Requires 120V, 208V, 240V, 277V or 347V.
10 Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
12 Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
13 Must be ordered with PIRHN.
14 Requires MVOLT or HVOLT.
15 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
16 Must be ordered with fixture for factory pre-drilling.
17 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

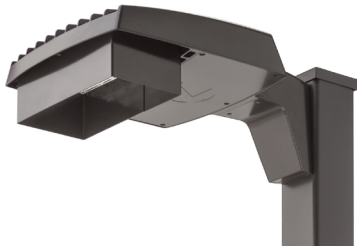
External Shields



House Side Shield



External Glare Shield

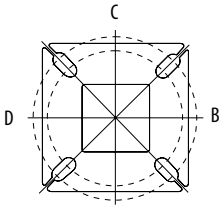


External 360 Full Visor

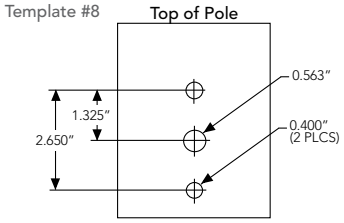
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

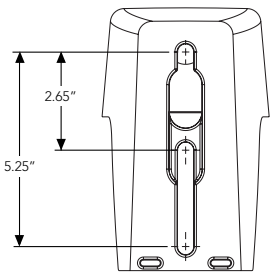
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	**Drill Nomenclature**	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX1 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

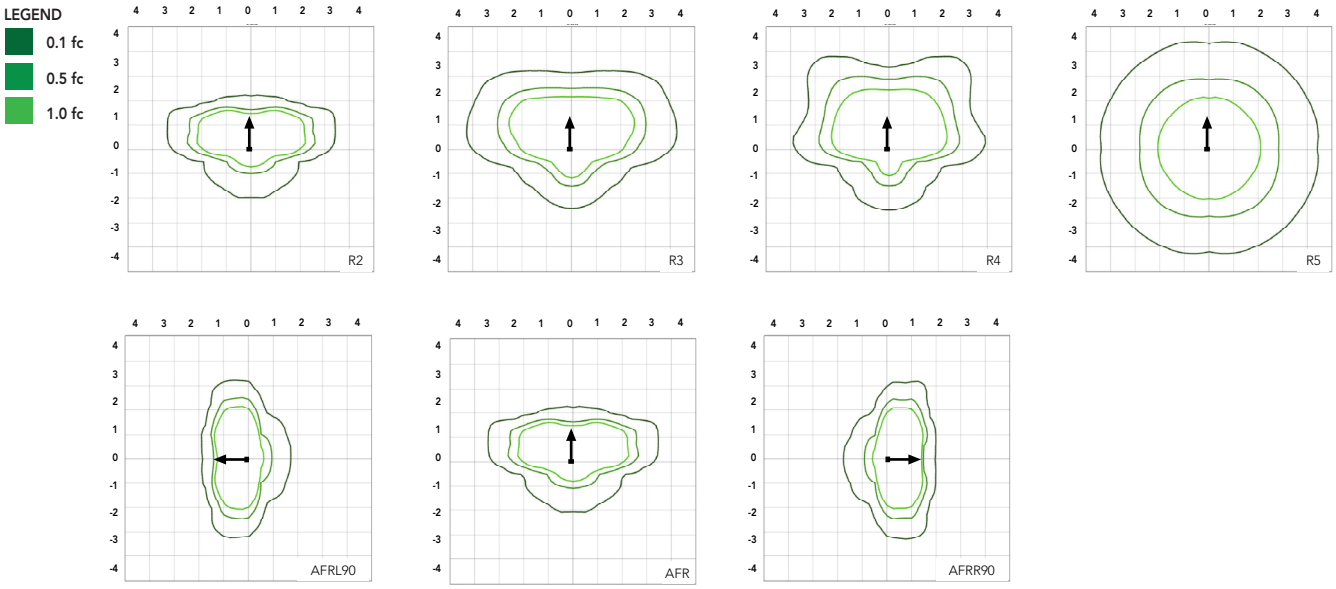
Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	**Tilt**									
SPA - Square Pole Adaptor	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor		0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor		0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

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Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX1 LED P4 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 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

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Performance Data

Lumen Output

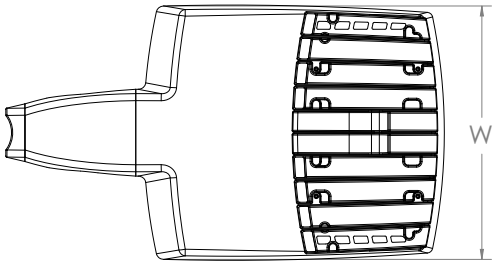
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

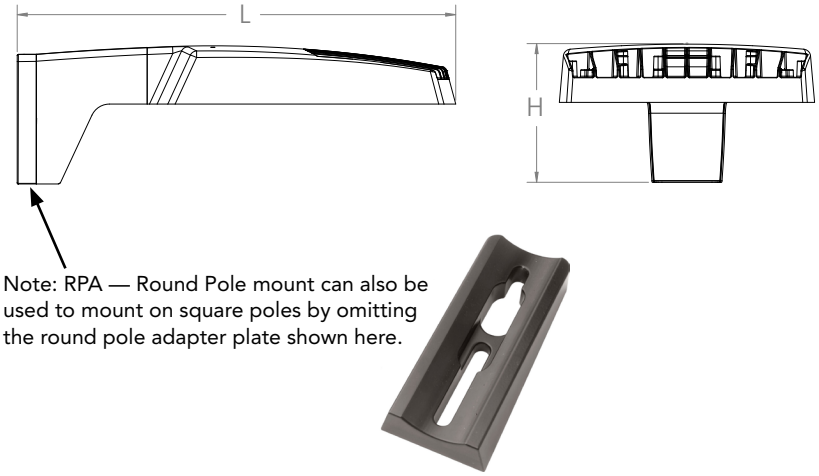
Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

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Dimensions

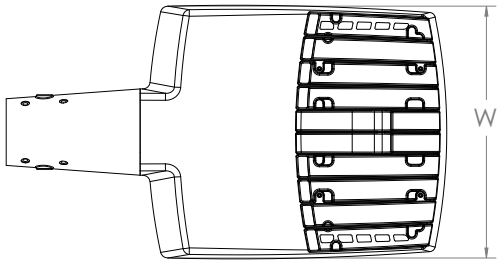
RSX1 with Round Pole Adapter (RPA)

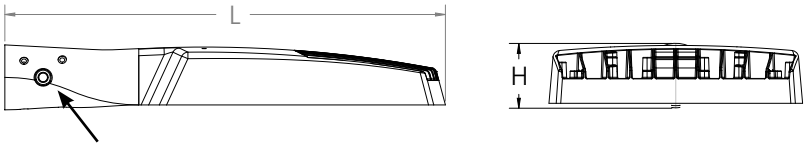




Length: 22.8" (57.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.4 cm) Arm

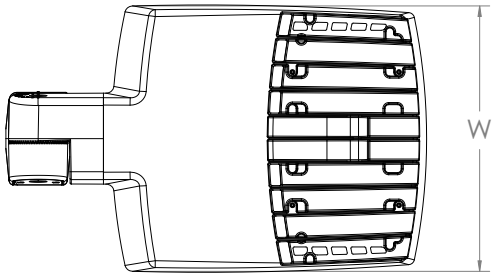
RSX1 with Mast Arm Adapter (MA)

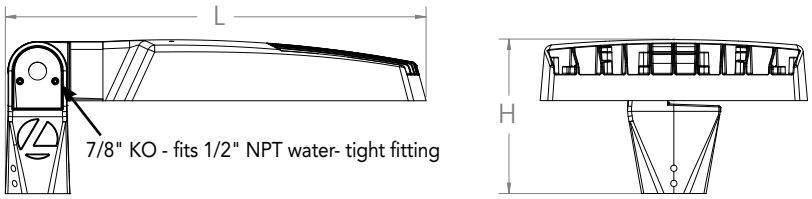




Length: 23.2" (59.1 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

RSX1 with Adjustable Slipfitter (IS)



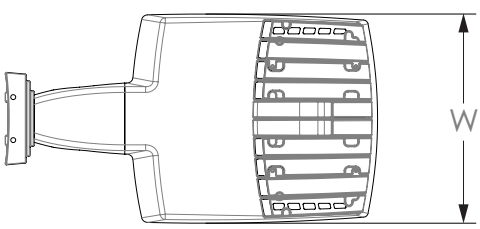


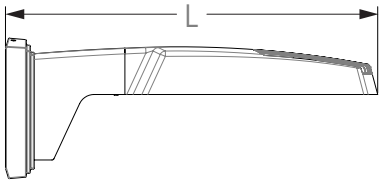
Length: 20.7" (52.7 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

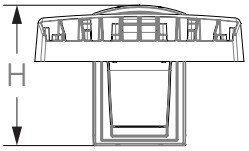
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Dimensions

RSX1 with Wall Bracket (WBA)

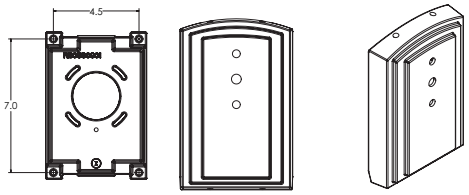




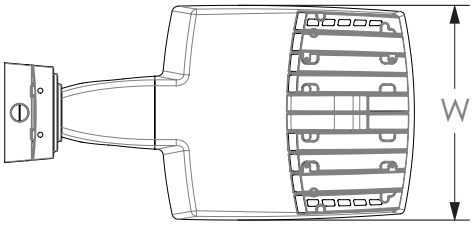


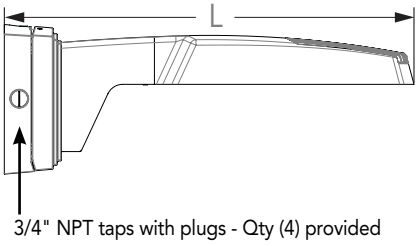
Length: 23.6" (59.9 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

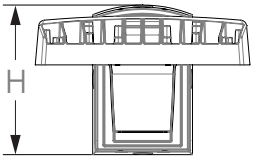


RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



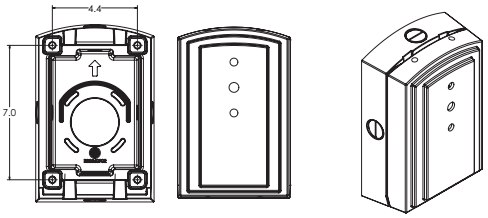


3/4" NPT taps with plugs - Qty (4) provided



Length: 25.3" (64.3 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

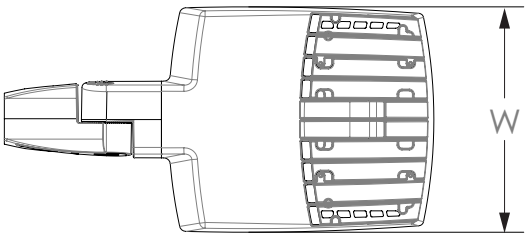
Surface Conduit Box (SCB) Mounting Detail

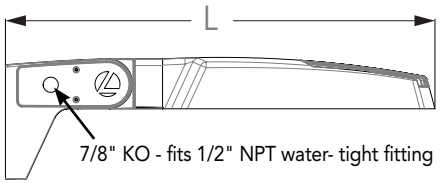


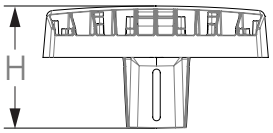
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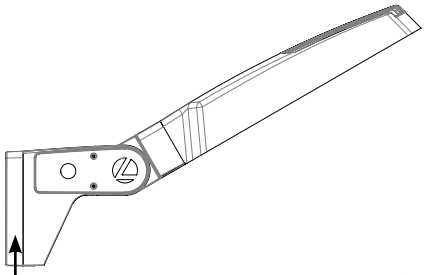
Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 25.3" (65.3 cm) **AASP**
26.3" (66.8 cm) **AARP**
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

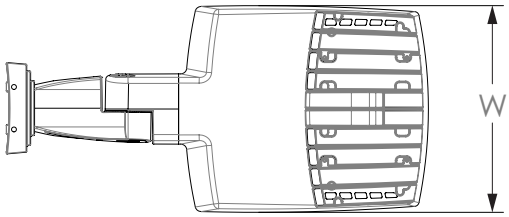


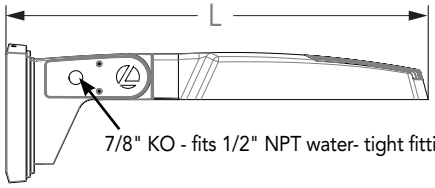
Notes

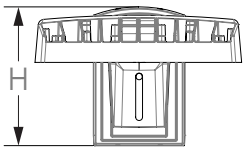
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

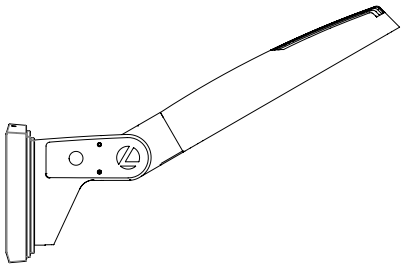
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



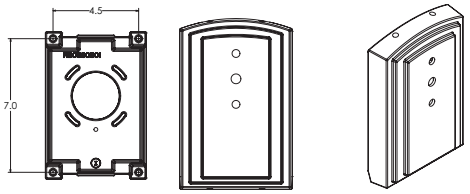






Length: 27.1" (68.8 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

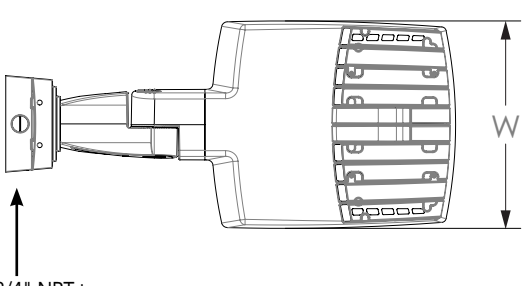
Wall Bracket (WBA) Mounting Detail



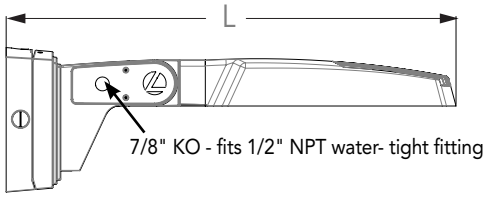
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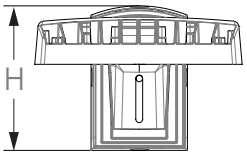
Dimensions

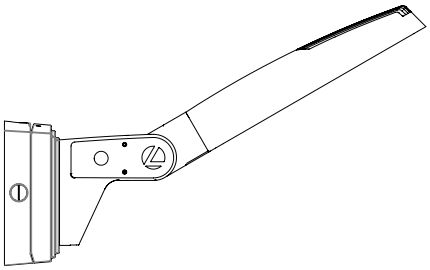
RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



3/4" NPT taps
with plugs - Qty (4)
provided

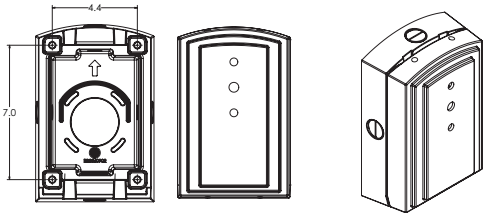




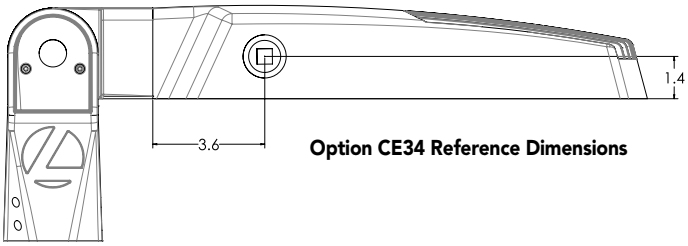


Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail

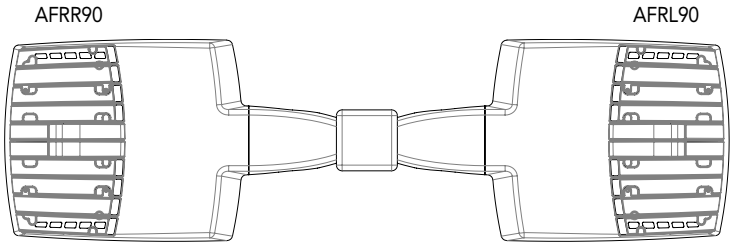


Additional Reference Drawings



Option CE34 Reference Dimensions

Automotive Front Row - Rotated Optics (AFRL90/R90)

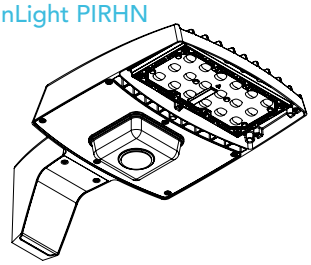


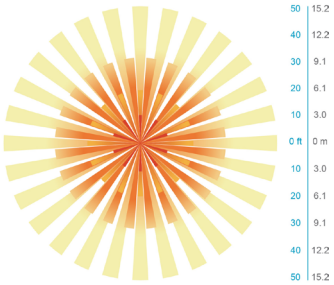
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nLight Control - Sensor Coverage and Settings

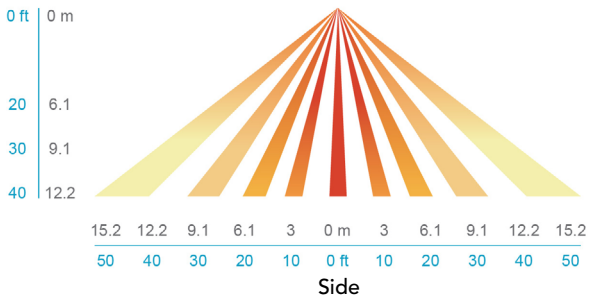
PIRHN nLight Sensor Coverage Pattern

nLight PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App.

FEATURES & SPECIFICATIONS

INTENDED USE
The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION
The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for a 1.5 G vibration load per ANSI C136.31. WITH Vibration rated per ANSI C136.31: 3G Mountings: SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

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 superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS
Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFRR90 and ARFL90.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS
The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS
The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION
Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY
5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/customer-support/terms-and-conditions

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.

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gotham® | EVO®

Multiple Layers of Light

Luminaire Type:

Catalog Number:

TYPE SC

General Illumination Surface Ceiling Cylinder 4"



OVERVIEW

Feature Set

- Batwing distribution with feathered edges provides even illumination on horizontal and vertical surfaces
- Bounding Ray™ optical design
- 45° Cutoff to source and source image
- Fully serviceable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional
- Fixtures are damp location standard; wet location option (WL), covered ceiling
- 20 standard colors in textured and gloss finish; custom or RAL colors also available
- Field configurable surface junction box conduit covers available
- ENERGY STAR® Certified product

Distribution



Superior Perfomance

Nominal Lumens	250	500	750	1000	1500	2000	2500	3000	3500	4000	4500	5000
Delivered Lumens	271	573	808	1001	1527	1994	2580	3110	3612	4120	4584	5045
Wattage	3.1	7.2	7.9	8.8	13.7	19.5	25.7	31.2	38.4	35.4	40.1	44.7
Lumens per Watt	87.4	79.6	102.3	113.8	111.5	102.3	100.4	99.7	94.1	116	114	113

COMPLIMENTARY PRODUCTS

Coordinated Apertures | Multiple Layers of Light



General Illumination Layer | EVO



High Center Beam Layer | Incito



EVO + Incito — Multiple Layers of Light



Core



Healthcare



Special Applications

GOTHAM ARCHITECTURAL DOWNLIGHTING | 1400 Lester Road Conyers, GA 30012 | P 800-705-SERV (7378) | gothamlighting.com
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The product images shown are for illustration purposes only and may not be an exact representation of the product.

ORDERING INFORMATION

A+ Capable options indicated by this color background.

Luminaire Type:

Catalog Number:

EXAMPLE: EV04SC 35/15 AR MWD LSS MVOLT EZ1 JBXCC DWHG

Series		Color Temperature		Lumens		Reflector Color		Distribution		Reflector Finish		Voltage	
EV04SC	EVO 4in Surface Ceiling Round Cylinder Open Downlight	**27/**	2700 K	**02**	250 lumens	**AR**	Clear	**MD**	Medium (0.9 s/mh)	**LSS**	Semi-specular	**MVOLT**	120V - 277V
		30/	3000 K	**05**	500 lumens	**PR**	Pewter	**MWD**	Medium wide (1.0 s/mh)	**LD**	Matte diffuse	**120**	120V
		35/	3500 K	**07**	750 lumens	**WTR**	Wheat	**WD**	Wide (1.2 s/mh)	**LS**	Specular	**277**	277V
		40/	4000 K	**10**	1000 lumens	**GR**	Gold					**347**[2]	347V
		50/	5000 K	**15**	1500 lumens	**WR**[1]	White painted						
				20	2000 lumens	**BR**[1]	Black						
				25	2500 lumens	**WRAMF**[1]	White Anti-microbial						
				30	3000 lumens								
				35	3500 lumens	**BZR**[1]	Dark Bronze painted						
				40	4000 lumens								
				45	4500 lumens								
				50	5000 lumens								

Driver[3]		Mounting		Control Interface[6]	
GZ10	0-10V driver dims to 10%	**JBX**	Integral driver, Recessed or Surface J-box	**(blank)**	No controls
GZ1	0-10V driver dims to 1%	**JBXCC**	Integral driver, Surface J-box with Conduit Covers	**NLT**	nLight® dimming pack.
EZ10	eldoLED 0-10V ECOdrive. Linear dimming to 10% min.			**NLTER**[7]	nLight® dimming pack for fixtures on emergency circuit
EZ1	eldoLED 0-10V ECOdrive. Linear dimming to 1% min.			**NLTAIR2**	nLight® AIR dimming pack.
EZB	eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%.			**NLTAIRER2**[7]	nLight® AIR dimming pack for fixtures on emergency circuit
EDAB[5]	eldoLED SOLOdrive DALI. Logarithmic dimming to <1%.				
EDXB[4,5]	eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Min: 1000LM; Max: 4000LM.				
ECOS2[5,6,7]	Lutron® Hi-Lume® 2-wire forward-phase driver. 120V Only. Minimum dimming level 1%. Min: 1000LM; Max: 2500LM.				
ECOD[5,8]	Lutron® EcoSystem® digital Hi-Lume 1% soft-on, fade to black. Min: 250LLM; Max: 1000LM.				

Options		Architectural Colors - Powder Paint[10]			
SF	Single fuse. Specify 120V or 277V.	**DDB**	Gloss Dark Bronze	**DDBT**	Textured Dark Bronze
90CRI	High CRI (90+)	**DBL**	Gloss Black	**DBLB**	Matte Black
N80	nLight Lumen Compensation	**DWH**	Gloss White	**DWHG**	Textured White
HAO[9]	High Ambient Option (40°C)	**DMB**	Gloss Medium Bronze	**DBNH**	Textured Bronze
WL[8]	Wet Location	**DNA**	Gloss Natural Aluminum	**DNAT**	Textured Natural Aluminum
		DSS	Gloss Sandstone	**DSST**	Textured Sandstone
		DGC	Gloss Charcoal Grey	**DSPD**	Textured Dark Grey
		DTG	Gloss Tennis Green	**DSPE**	Textured Green
		DBR	Gloss Bright Red	**DSPH**	Textured Light Red
		DSB	Gloss Steel Blue	**DWHAMF**	Gloss White with Anti-microbial finish

ACCESSORIES —order as separate catalog numbers (shipped separately)

CYLJBOXADPT 4SQ2OCT __	4in Square J-box to 4in Octagonal J-box adaptor. Replace __ with Architectural Color or PRM for primed ready for field painting

ORDERING NOTES

1. Not Available with Finishes.
2. Factory supplied step down transformer must be remote mounted. Access required to device.
3. Refer to Tech 240 for compatible dimmers.
4. Includes terminator resistor.
5. Not Available with Control Interfaces.
6. Field installed. Access required to location of remote mounted device.
7. For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
8. Not available with JBXCC. Max: 3000LM.
9. Only available up to 2500 lumens; not available with wet location or ECOS2.
10. For details on RAL and Custom colors please see Architectural colors.

GOTHAM ARCHITECTURAL DOWNLIGHTING | 1400 Lester Road Conyers, GA 30012 | P 800-705-SERV (7378) | gothamlighting.com
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SPECIFICATIONS

Optical Assembly
Fully serviceable and upgradeable lensed LED light engine suitable for field maintenance or service from below the ceiling.

Optical design is a Bounding Ray™ design with 45° cutoff to source and source image. Top down flash characteristic for superior glare control.

Electrical
The luminaire shall operate from a 50 or 60 Hz ±3 Hz AC line over a voltage ranging from 120 VAC to 277 VAC. Support 347V via remote-mounted stepdown transformer. The fluctuations of line voltage shall have no visible effect on the luminous output.

The luminaire shall have a power factor of 90% or greater at all standard operating voltages and full luminaire output.

Sound Rated A+. Driver shall be >80% efficient at full load across all input voltages.

Input wires shall be 18AWG, 300V minimum solid copper.

Controls
Luminaire shall be equipped with interface for nLight wired or nLight AIR networks with integral power supply as per specification.

Emergency
Luminaires supplied with a battery pack comply with NFPA 101 (Life Safety code) and deliver constant light output throughout the 90 minutes of code required emergency operation period when there is a normal AC power loss.

Luminaires equipped with a generator transfer device work in conjunction with an auxiliary generator or a central inverter system to power fixtures for safe egress lighting.

Dimming
The luminaire shall be capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 10%, 100 – 1.0% or 100 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.

eldoLED LED drivers shall conform to IEEE P1789 standards. Alternatively, manufacturers must demonstrate conformance with product literature and testing which demonstrates this performance. Systems that do not meet IEEE P1789 will not be considered.

Driver is inaudible in 24dB environment, and stable when input voltage conditions fluctuate over what is typically experienced in a commercial environment.

Construction
Heaving-gauge aluminum construction.

Extruded body with flangeless reflector allows flow-through passive thermal management.

Surface ceiling mount for direct installation to 4" recessed or surface octagonal or square junction box.

Optional field configurable conduit covers available. Conduit covers match cylinder in finish and diameter.

Recessed gear box available for driver above ceiling, nLight, or battery pack options.

Listings
Fixtures are CSA Certified to meet US and Canadian Standards: All fixtures manufactured in strict accordance with the appropriate and current requirements of the "Standards for Safety" to UL, damp location standard; wet location covered ceiling optional (WL).

Luminaire configurations are Energy Star certified through testing in EPA–recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit www.energystar.gov for specific configurations listed.

Photometrics
LEDs tested to LM-80 standards. Measured by IESNA Standard LM-79-08 in an accredited lab. Lumen output shall not decrease by more than 30% over the minimum operational life of 60,000 hours.

Color appearance from luminaire to luminaire of the same type and in all configurations, shall be consistent both initially and at 6,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by the center of the quadrangles defined in ANSI C78.377-2015.

Warranty
5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

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.

A+ Capable Luminaire
This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight® control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

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

*See ordering tree for details

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EVO - eldoLED Driver Default Dimming Curve			
Nomenclature	Min Dimming	Driver Dim Curve	Control Dim Curve
EZ10	10%	Linear	Linear/Logarithmic
EZ1	1%	Linear	Linear/Logarithmic
EZB	<1%	Logarithmic	Linear
EDAB	<1%	Logarithmic*	Linear
EDXB	<1%	Square	Linear

*Changable thorugh DALI controller

Lumen Output Multiplier		
CRI	CCT	Multplier
80	2700K	0.916
	3000K	0.948
	3500K	1
	4000K	1.032
	5000K	1.1
90	2700K	0.748
	3000K	0.8
	3500K	0.838
	4000K	0.845
	5000K	0.945

Reflector Finish Multiplier	
Reflector Finish	Multiplier
LS - Specular	1
LSS - Semi Specular	0.956
WR - White	0.87
LD - Matte Diffuse	0.85
BR - Black	0.73
BZR - Bronze	0.73

Distributions		
Nomenclature	Beam Angle	Field Angle
MD	54	82
MWD	67	89
WD	71	92

Driver		Control Provided (note: 347V/UVOLT versions provided with 347 option selected)			
Nomenclature	Description	NLT	NLTER	NLTAIR2	NLTAIRER2
GZ10	0-10V driver dims to 10%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
GZ1	0-10V driver dims to 1%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ10	eldoLED 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ1	eldoLED 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZB	eldoLED 0-10V SOLOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2

J-box Compatibility Matrix		Cylinder Configurations		
		JBX	JBX w/EDXB Driver	JBXCC
Recommended J-box (by others)	4" Octagonal 4x4x1.5 deep"	✓	✗	✓
	4" Octagonal 4x4x2.125 deep	✓	✓	✗
	4" Square 4x4x1.5 deep	✓ *with adaptor plate accessory	✗	✗

Standard Architectural Color Options for Cylinder Bodies

DSS P12
LITHONIA
Sandstone

DSST P90
TEXTURED
Sandstone

DBR P34
LITHONIA
Bright Red

DSPH P80
TEXTURED
Light Red

DMB P11
LITHONIA
Medium Bronze

DBNH P74
TEXTURED
Bronze

DTG P33
LITHONIA
Tennis Green

DSPE P78
TEXTURED
Green

DSB P49
LITHONIA
Steel Blue

DNA P07
LITHONIA
Natural Aluminum

DNAT P89
TEXTURED
Natural Aluminum

DGC P32
LITHONIA
Charcoal Gray

DSPD P77
TEXTURED
Dark Grey

DDB P50
LITHONIA
Dark Bronze

DDBT P88
TEXTURED
Dark Bronze

DBL P13
LITHONIA
Black

DBLB P75
TEXTURED
Black

DWH P21
LITHONIA
White

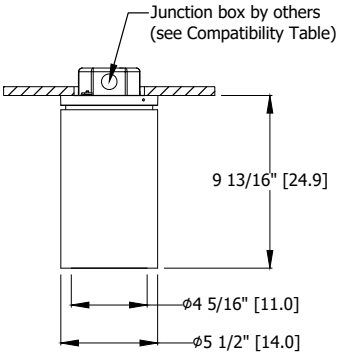
DWHG P86
TEXTURED
White

NOTE: These colors were carefully reproduced to give as true a depiction as possible of finished product color. Some colors, however, may vary slightly from actual appearance due to display/printing variations and limitations. Please always contact a Gotham representative for an accurate paint chip sample.

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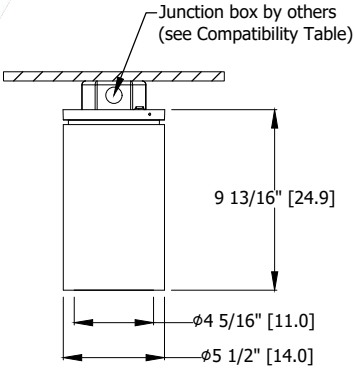
JBX Recessed J-Box





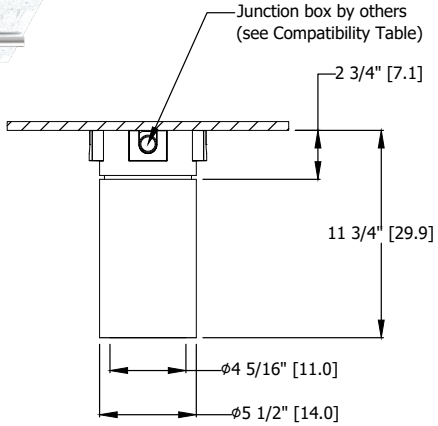
JBX Surface J-Box





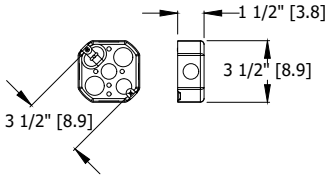
JBXCC Surface J-Box with Conduit Covers



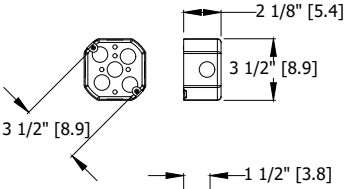


Junction Box Dimensions (by others)

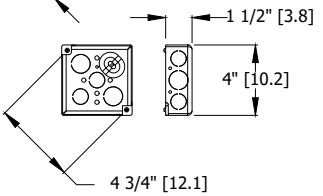
4" Octagonal J-Box, 1 1/2" Deep



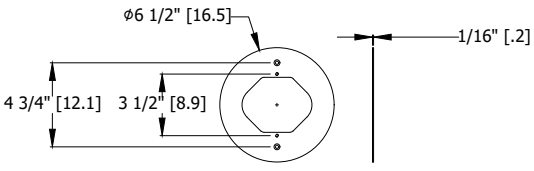
4" Octagonal J-Box, 2 1/8" Deep



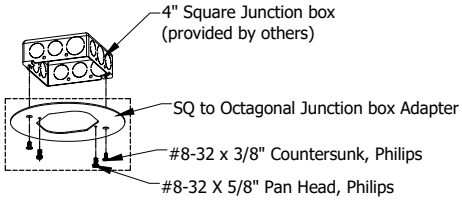
4" Square J-Box, 1 1/2" Deep

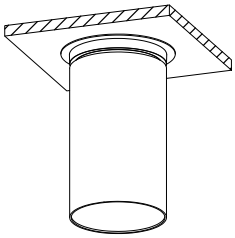


Cylinder Adapter Plate



Includes 2 mounting screws



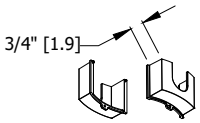


*Dimensions in inches [centimeters]

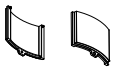
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DIMENSIONAL DATA

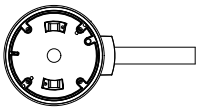
Conduit Feed Examples and Keys



Conduit Key
(4) provided with each,
for use with 1/2" or 3/4" conduit



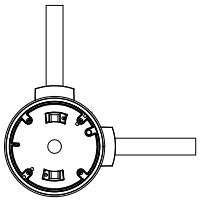
Blank Key
(4) provided with each



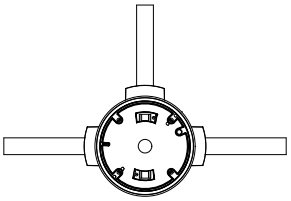
Single Conduit Feed



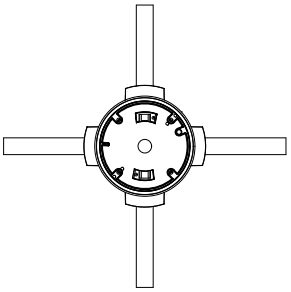
Double 180° conduit



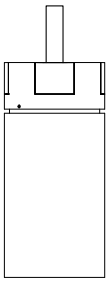
Double 90°conduit



Triple 0°, 90° & 180° conduit

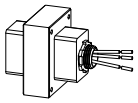


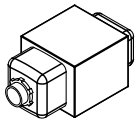
Quad 0°, 90°, 180°, & 270° conduit

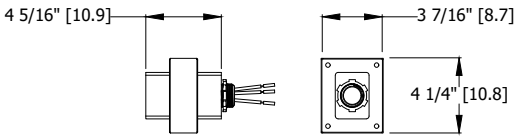


Top conduit feed

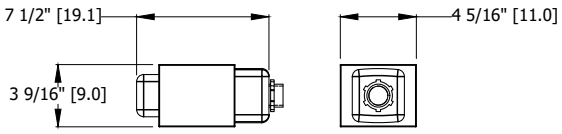
347V Stepdown Transformer







347 Transformer:
Up to 6000LM
Install to accessible
junction box by others



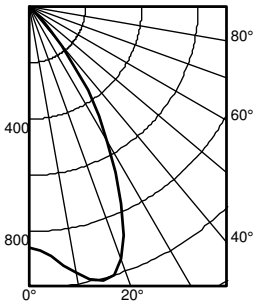
347 Transformer:
8000LM and up
Install to accessible
junction box by others

*Dimensions in inches [centimeters]

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gotham®

EV04SC 35/10 MWD LS INPUT WATTS: 8.8W, DELIVERED LUMENS: 1001.7LM, LPW = 113.8, 1.08 S/MH, TEST NO. LTL27786P



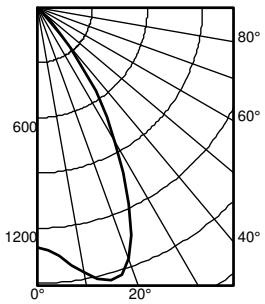
	Ave	Lumens
0	856	
5	888	87
15	1010	280
25	775	350
35	363	225
45	61	56
55	2	2
65	1	1
75	0	0
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	717.4	71.6
0° - 40°	942.0	94.0
0° - 60°	1000.8	99.9
0° - 90°	1001.7	100.0
90° - 180°	0.0	0.0
0° - 180°	1001.7	*100.0
*Efficiency		

pf / pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	111	108	106	109	106	104	105	103	101
2	103	99	96	101	98	95	98	95	93
3	96	91	87	95	90	87	92	88	85
4	90	84	80	89	84	80	87	82	79
5	84	78	74	83	78	74	81	77	73
6	79	73	69	78	72	68	76	72	68
7	74	68	64	73	68	64	72	67	63
8	70	64	59	69	63	59	68	63	59
9	66	60	56	65	59	56	64	59	55
10	62	56	52	61	56	52	61	56	52

Mounting Height	Inital FC Center Beam	50% beam - 56.7° Diameter	50% beam - 56.7° FC	10% beam - 79.7° Diameter	10% beam - 79.7° FC
8.0	28.3	5.9	14.1	9.2	2.8
10.0	15.2	8.1	7.6	12.5	1.5
12.0	9.5	10.3	4.7	15.9	0.9
14.0	6.5	12.4	3.2	19.2	0.6
16.0	4.7	14.6	2.3	22.5	0.5

EV04SC 35/15 MWD LSS INPUT WATTS: 13.7W, DELIVERED LUMENS: 1527.3LM, LPW = 111.4, 1.08 S/MH, TEST NO. LTL27786P



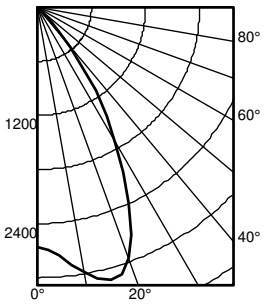
	Ave	Lumens
0	1305	
5	1354	133
15	1539	428
25	1181	533
35	553	342
45	93	86
55	2	4
65	1	1
75	0	0
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	1093.9	71.6
0° - 40°	1436.2	94.0
0° - 60°	1525.8	99.9
0° - 90°	1527.3	100.0
90° - 180°	0.0	0.0
0° - 180°	1527.3	*100.0
*Efficiency		

pf / pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	111	108	106	109	106	104	105	103	101
2	103	99	96	101	98	95	98	95	93
3	96	91	87	95	90	87	92	88	85
4	90	84	80	89	84	80	87	82	79
5	84	78	74	83	78	74	81	77	73
6	79	73	69	78	72	68	76	72	68
7	74	68	64	73	68	64	72	67	63
8	70	64	59	69	63	59	68	63	59
9	66	60	56	65	59	56	64	59	55
10	62	56	52	61	56	52	61	56	52

Mounting Height	Inital FC Center Beam	50% beam - 56.7° Diameter	50% beam - 56.7° FC	10% beam - 79.7° Diameter	10% beam - 79.7° FC
8.0	43.2	5.9	21.6	9.2	4.3
10.0	23.2	8.1	11.6	12.5	2.3
12.0	14.5	10.3	7.2	15.9	1.4
14.0	9.9	12.4	4.9	19.2	1.0
16.0	7.2	14.6	3.6	22.5	0.7

EV04SC 35/30 MWD LSS INPUT WATTS: 31.2W, DELIVERED LUMENS: 3110.6LM, LPW = 99.6, 1.08 S/MH, TEST NO. LTL27786P



	Ave	Lumens
0	2659	
5	2758	271
15	3135	871
25	2406	1086
35	1126	697
45	189	175
55	5	7
65	2	2
75	0	1
85	0	0
90	0	

Zone	Lumens	% Lamp
0° - 30°	2227.9	71.6
0° - 40°	2925.0	94.0
0° - 60°	3107.6	99.9
0° - 90°	3110.6	100.0
90° - 180°	0.0	0.0
0° - 180°	3110.6	*100.0
*Efficiency		

pf / pc	80%			70%			50%		
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	111	108	106	109	106	104	105	103	101
2	103	99	96	101	98	95	98	95	93
3	96	91	87	95	90	87	92	88	85
4	90	84	80	89	84	80	87	82	79
5	84	78	74	83	78	74	81	77	73
6	79	73	69	78	72	68	76	72	68
7	74	68	64	73	68	64	72	67	63
8	70	64	59	69	63	59	68	63	59
9	66	60	56	65	59	56	64	59	55
10	62	56	52	61	56	52	61	56	52

Mounting Height	Inital FC Center Beam	50% beam - 56.7° Diameter	50% beam - 56.7° FC	10% beam - 79.7° Diameter	10% beam - 79.7° FC
8.0	87.9	5.9	43.9	9.2	8.8
10.0	47.3	8.1	23.6	12.5	4.7
12.0	29.5	10.3	14.7	15.9	2.9
14.0	20.1	12.4	10.1	19.2	2.0
16.0	14.6	14.6	7.3	22.5	1.5

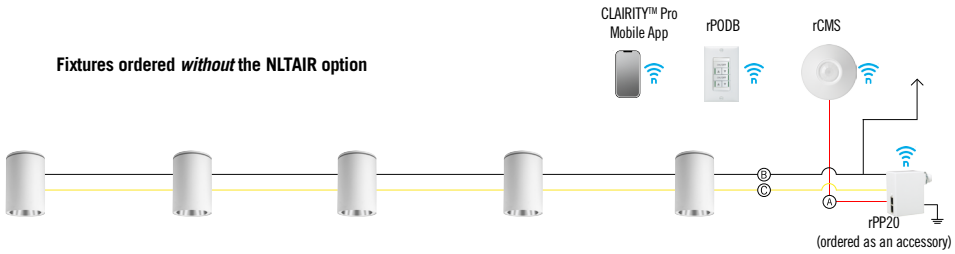
GOTHAM ARCHITECTURAL DOWNLIGHTING | 1400 Lester Road Conyers, GA 30012 | P 800-705-SERV (7378) | gothamlighting.com
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The product images shown are for illustration purposes only and may not be an exact representation of the product.

NLIGHT AIR

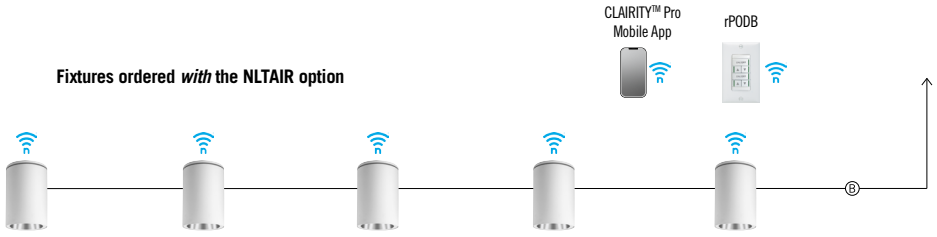
nLight® AIR is the ideal solution for retrofit or new construction spaces where adding communication wiring is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each EVO Luminaire ordered with the NLTAIR option. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

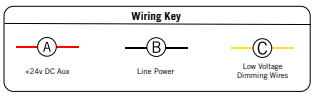
Possibilites for nLight® AIR

Fixtures ordered *without* the NLTAIR option



Fixtures ordered *with* the NLTAIR option





nLight® AIR Control Accessories

Order as separate catalog number. Visit nLight AIR.

Wall Switches	Model Number
On/Off single pole	rPODB (color) G2
On/Off two pole	rPODB 2P (color) G2
On/Off & raise/lower single pole	rPODB DX (color) G2
On/Off & raise/lower two pole	rPODB 2P DX (color) G2

nLight® AIR Control Accessories *(cont.)*

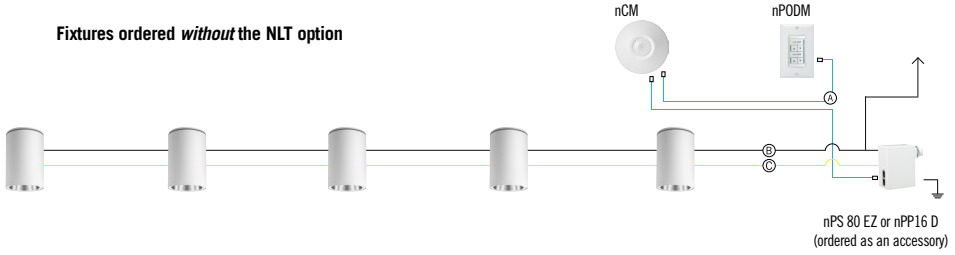
Occupancy Sensors (PIR/dual tech)	Model Number
Small motion 360°, ceiling	rCMS 9 / rCMS PDT 9
Large motion 360°, ceiling	rCMS 10 / rCMS PDT 10

NLIGHT

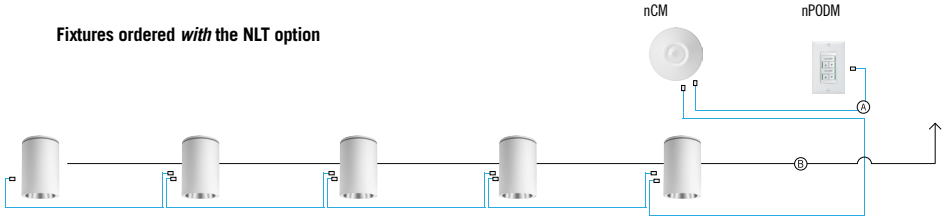
nLight® Wired The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

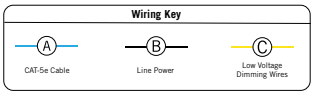
Possibilites for nLight® wired

Fixtures ordered *without* the NLT option



Fixtures ordered *with* the NLT option





nLight® Wired Control Accessories

Order as separate catalog number. Visit nLight.

Wall Switches	Model Number
On/Off single pole	nPODM (XX)
On/Off two pole	nPODM 2P (XX)
On/Off & raise/lower single pole	nPOD DX (XX)
On/Off & raise/lower two pole	nPODM 2P DX (XX)
Graphic touchscreen	nPOD GFX (XX)
Photocell Controls	
Dimming	nCM ADCX

nLight® Wired Control Accessories *(cont.)*

Occupancy Sensors (PIR/dual tech)	Model Number
Small motion 360°, ceiling	nCM 9 / nCM PDT 9
Large motion 360°, ceiling	nCM 10 / nCM PDT 10
Wide View	nWV 16 / nWV PDT 16
Wall switch with raise/lower	nWSX LV DX / nWSX PDT LV DX
Cat-5 Cables (plenum rated)	
10', CAT5	CAT5 10FT J1
15', CAT5	CAT5 15FT J1

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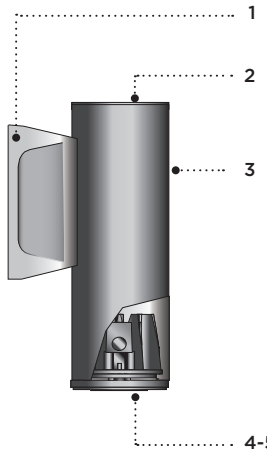
LUMINIS®

TYPE SD

SY300 SERIES
SYRIOS - LED
3" WALL UP OR DOWN LIGHT

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:								
	FIXTURE	SUFFIX	REFLECTOR	VOLTAGE	FINISH	OPTION	OPTION	OPTION



1- Cast aluminum driver housing, includes galvanized steel wall mount pressure plate.
2- Cast aluminum top cover.
3- Extruded aluminum cylindrical housing.
4- Fully sealed cast aluminum light assembly.
5- Sealed cast aluminum lens frame.
6- Clear tempered glass lens.
7- Faceted specular aluminum reflector.

All stainless steel hardware.

SY300



ADA Compliant

MATERIALS
Syrios LED is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.
The main housing is made of seamless extruded aluminum, with an integrally sealed LED light module designed for optimal heat dissipation, and lighting performance.
Syrios LED SY300 series is standard with 29º optic. See options section for alternate selection.

ELECTRICAL
DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -30ºC/-22ºF to 55ºC/131ºF, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

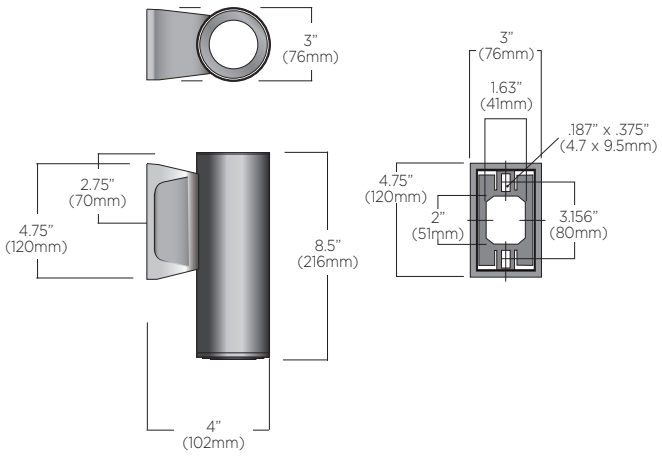
LED Standard 4000K/80CRI. Optional 2700K, 3000K & 3500K.
Optional Amber LED for turtle sensitive areas.
Wavelengths: 584.5nm to 597nm.

LIFE
60,000hrs $L_{70}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
Up to 95,000hrs $L_{70}B_{50}$ (calculated projection from LM-80 data).

FINISH
Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

MOUNTING
Maximum weight: 2.5 lbs (1.1 kg)
The mounting plate is designed to fit on a 2X4" (51x102mm) rectangular electrical box using 3.156" (80mm) C/C mounting holes.
Optional trimming plate for octagonal jbox (option MT4).

CERTIFICATION
Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.
Rated IP66.



Apr 2020 Rev.0

LUMINAIRE SELECTION

1 MODEL#



☐ SY300

2 LED LIGHT SELECTION

SUFFIX	INPUT WATTS	DELIVERED LUMENS	CRI	CCT ºK
☐ L1L10	13W	924	80	4000
AMBER LED IDA - Dark Sky Approved				
☐ L1L1K2A	7W	124	AMBER	
VERY NARROW DISTRIBUTION				
☐ L1L5NR	10W	539	80	4000

3 REFLECTORS*

- ☐ **R30** Flood optics 29º (standard)
- ☐ **R40** Wide flood optics 42º
- ☐ **R9** Very narrow optics 9º Field angle 21º (12,018 candela)

*Depending on direction fixture is installed add U (for uplight) or D (for downlight) to suffix for all reflectors listed above. (i.e. R40U is 42º uplight)

4 VOLTAGE

- ☐ 120V
- ☐ 277V

5 FINISH

STANDARD COLORS

- ☐ WHT Snow white
- ☐ BKT Jet black
- ☐ BZT Bronze
- ☐ MST Matte silver
- ☐ GRT Titanium gray
- ☐ DGT Gun metal
- ☐ CHT Champagne
- ☐ SGT Steel gray
- ☐ BGT English cream

(Refer to color chart)

OPTIONAL COLORS

- ☐ CS Custom color
- ☐ RAL RAL# color

NATATORIUM SUITED COLORS

- ☐ NWHT White
- ☐ NBKT Black

OPTIONS

ELECTRICAL

- ☐ **FS** Fuse
- ☐ **REML2-50** 7W remote emergency battery backup for LED, 90 min. Remote mount 50ft - 12" (305mm) square enclosure with access cover [1]

MOUNTING

- ☐ **SWK** Adaptor box for surface 3/4" conduit feed
- ☐ **MT4** Trimming plate for octagonal box

ACCESSORIES

- ☐ **SL** Solite lens (light loss factor [LLF]: 0.9)
- ☐ **LSL** Linear spread lens
- ☐ **SNT** 1.5" (38mm) snoot [2]
- ☐ **HL** Hexcell louver

LIGHT & OPTICS

Alternate CCT ºK LED (LCF: Lumen conversion factor)

- ☐ **K27** 2700K CCT 80 CRI (LCF: 0.91) [3] IDA - Dark Sky Approved
- ☐ **K3** 3000K CCT 80 CRI (LCF: 0.94) IDA - Dark Sky Approved
- ☐ **K35** 3500K CCT 80 CRI (LCF: 0.983) [3]

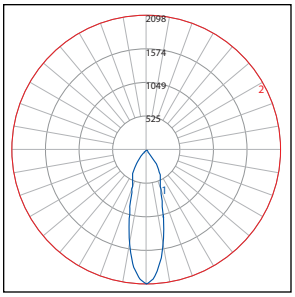
NOTE: Other CCT & higher CRI available, please consult factory.

NOTES

1- The remote enclosure must be interior.
2- To prevent reflections, interior painted black when a light color finish is selected (ex. WHT, MST, GRT and CHT).
3- K27 and K35 options not available with the R9 optics.

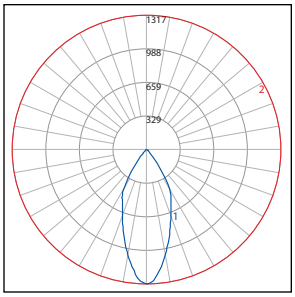
Luminaires may be altered for design improvement or discontinued without prior notice.

TYPICAL PHOTOMETRY SUMMARY



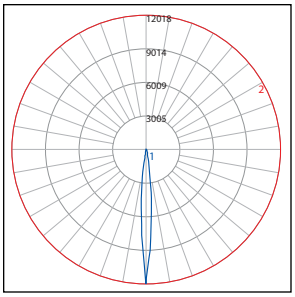
Descriptive Information

SY300-L1L10-R30
Total Lms: 924 Lumens
Total Input Watts: 13 W
Efficacy: 74 Lumens/Watt
BUG: B1-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 2098 @ 0 deg



Descriptive Information

SY300-L1L10-R40
Total Lms: 846 Lumens
Total Input Watts: 13 W
Efficacy: 68 Lumens/Watt
BUG: B1-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 1317 @ 0 deg



Descriptive Information

SY300-L1L5NR-R9
Total Lms: 539 Lumens
Total Input Watts: 10 W
Efficacy: 53 Lumens/Watt
BUG: B1-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 12018 @ 0 deg

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

Tools Required:

5mm hex key
Adjustable wrench
Philips medium screwdriver



Dimensions

A: 6-1/2 “

B: 39-3/8 “

TYPE SF



Protection Class: IP65

Weight: 19.5 lbs.

Notice to Installer for 99 570:

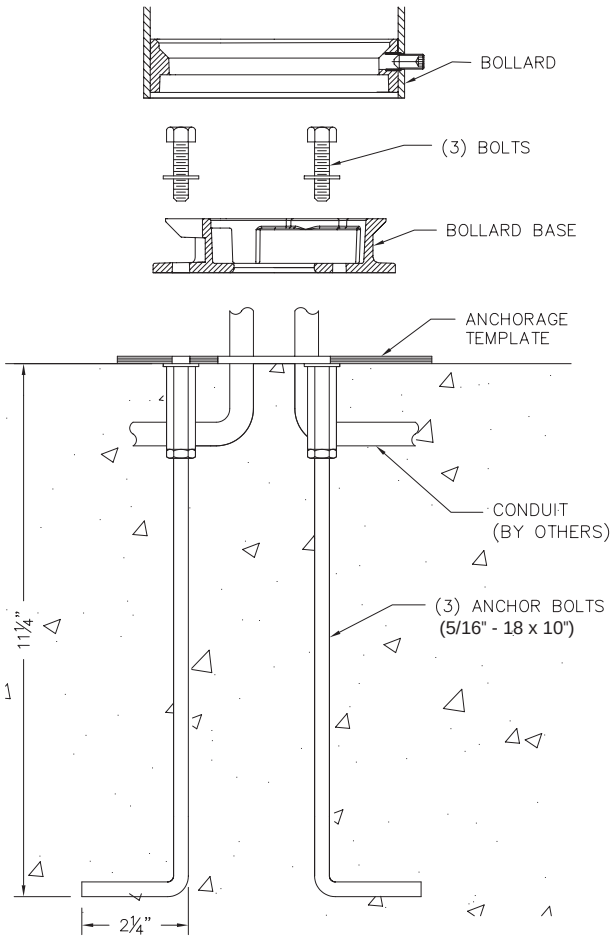
1. See page 2 for specific product safety warnings.
2. Fixture may be damaged if connected to conduit systems that contain water - Article 300-5G of the National Electric Code requires that “Conduits or raceways through which moisture may contact energized live parts shall be sealed or plugged at either or both ends.”
3. 895A anchorage kit (included) must be installed in concrete pad/foundation.
4. It is recommended that when installing in planting areas the bollard base be slightly elevated to avoid prolonged submerging during heavy rains.
5. Wet location listing does not imply suitability for exposure to standing water for long periods of time.

79 817 anchorage installation:

1. Provide means to bring supply wiring to the bollard in accordance with local code. The template has a 2-3/8” conduit hole for conduit entry.
2. Assemble anchorage kit. Unscrew the (3) hex bolts from the female couplers. Remove each hex bolt and washer. Align each anchor bolt with the hole in the template. Attach each anchor bolt to the template by replacing the washer and hex bolt and tightening.
3. Determine the finished grade for the application. Use leveling hardware to adjust template to desired finished height after pouring.
4. Install anchorage kit using either method:
   - A. Attach template to forming or cross bracing using the (2) nail holes provided in the template. Level template properly. Pour concrete.
   - B. Insert anchorage assembly into poured concrete. Concrete must be vibrated to ensure proper anchorage setting. Level template properly.

99 570 installation:

1. Remove (3) hex bolts and washers, once anchorage is set.
2. Remove template. Smooth concrete pad as required.
   NOTE: Allow adequate time for concrete to cure properly.
3. Remove base plate from bollard by loosening 5mm set screw near bollard base.
4. Align base plate holes with anchorage holes.
5. Bolt the base plate to the anchorage kit using the (3) hex bolts and washers.
6. Make supply wiring connections to wire leads from driver inside the fixture
   MAIN VOLTAGE SUPPLY WIRE TO BLACK DRIVER WIRE;
   NEUTRAL (COMMON) SUPPLY WIRE TO WHITE DRIVER WIRE;
   GREEN GROUND WIRE TO GREEN DRIVER WIRE.
   0-10V Dimming (if applicable):
   DIMMING CONTROL WIRE (+) TO PURPLE DRIVER WIRE;
   DIMMING CONTROL WIRE (-) TO GREEN DRIVER WIRE.
7. Place the bollard over the base plate so that the (3) notches in the base plate align with the top. Lock fixture into place by turning bollard 1/4” turn and tightening set screw at base.



Relamping/Maintenance
NO relamping necessary.

Lamp: 14.4W LED

Accessories
Please refer to the appropriate accessory installation sheet for further instruction when applicable.

Anchorage	79 817

Replacement Parts

Description	Part No
Lens	112807
Lens gasket	831300
LED Driver (120-277V)	76048
LED Module (3000K)	LED-0434/830
LED Module (4000K)	LED-0434/840

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

Product Safety Warnings:

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
SUITABLE FOR WET LOCATIONS.

MIN 90°C SUPPLY CONDUCTORS.

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.
CONVIENT AUX EMPLACEMENTS MOUILLÉS.

LES FILS D'ALIMENTATION 90°C MIN.

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

April 14, 2021

TO: Quadri Akamo
7557 Rambler Road #1400
Dallas, TX 75231

COPY: Gary Hancock
1200 E. Yellow Jacket Lane
Rockwall, Texas 75087

FROM: Henry Lee, *Planner*
City of Rockwall Planning and Zoning Department
385 S. Goliad Street
Rockwall, TX 75087

SUBJECT: SP2021-006; *Amended Site Plan for First United Methodist Church*

Quadri Akamo**:**

This letter serves to notify you that the above referenced site plan case, that you submitted for consideration by the City of Rockwall, was approved by the Planning and Zoning Commission on April 13, 2021. The following is a record of all recommendations, voting records and conditions of approval:

Staff Recommendations

(1) If the Planning and Zoning Commission chooses to approve the applicant's Amended Site Plan for the expansion of an existing house of worship on the subject property, then staff would propose the following conditions of approval:

(a) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of engineering plans.

(b) The subject property will be required to be replatted prior to the issuance of a building permit.

(c) Any construction resulting from the approval of this Amended Site Plan shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

Planning and Zoning Commission

On April 13, 2021, the Planning and Zoning Commission approved a motion to approve the Site Plan by a vote of 7-0.

Should you have any questions or concerns, please feel free to contact me at (972) 771-7745.

Sincerely,

Henry Lee
Planner