

PROJECT DESCRIPTION

50' X 100' PRE-ENGINEERED BUILDING

PROJECT OWNERS

REFUGEE CHURCH OF  
OUR LORD JESUS CHRIST  
729 N.W. WILSON STREET  
LAKE CITY, FLORIDA, 32055  
24 HR. CONTACT:  
DON SHAW: 386-623-2963

BUILDING DESCRIPTION

- A. OCCUPANCY CLASSIFICATION CLASSIFICATION: ASSEMBLY GROUP A-3
- B. TYPE OF CONSTRUCTION NON SPRINKLED
- C. BUILDING AREA (Sq. Ft. NEW 5,000 EXIST N/A TOTAL 5,000)
- D. NUMBER OF STORIES -1
- E. BUILDING HEIGHT -1'-2"
- G. TOTAL OCCUPANTS - 201

BUILDING CODES & EDITIONS

- 2020 FLORIDA BUILDING CODE, BUILDING, 7th EDITION
- 2020 FLORIDA BUILDING CODE, RESIDENTIAL, 7th EDITION
- 2020 FLORIDA TEST PROTOCOLS FOR HIGH VELOCITY HURRICANE ZONES, 7th EDITION
- 2020 FLORIDA CODE, ACCESSIBILITY, 7th EDITION
- 2020 FLORIDA CODE, ENERGY CONSERVATION CODE, 7th EDITION
- 2020 FLORIDA BUILDING CODE, PLUMBING, 7th EDITION
- 2020 FLORIDA BUILDING CODE, MECHANICAL, 7th EDITION
- 2020 FLORIDA BUILDING CODE, FUEL GAS, 7th EDITION
- NFPA 70
- NATIONAL ELECTRIC CODE
- 2012 NFPA 101-LIFE SAFETY CODE

WINDLOAD DATA AND EXPOSURE

- BASIC WIND SPEED 120 MPH IMPORTANCE FACTOR: 1.0
- EXPOSURE CATEGORY: B
- BUILDING RISK CATEGORY: II
- HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENT: 1.0 MEAN
- ROOF HEIGHT: 14'-2" ROOF CROSS SLOPE: 2:12
- EAVE OVERHANG: (ANALYZED FOR 2' EAVES AND PORCH AREA)
- WALL HEIGHT: 10' SHEAR WALL LOCATIONS: EXTERIOR WALLS ONLY
- ALL WALLS 26' IN LENGTH OR GREATER
- COMPONENT AND CLADDING PRESSURES: ROOF (ZONE 1=14.9, -41.3)
- ZONE 3=14.9, -61.0) WALL (ZONE 4=25.9, -54.7) (UNITS ARE PSF)

NEW CONSTRUCTION PLANS  
REFUGE CHURCH OF OUR  
LORD JESUS CHRIST  
729 N.W. WILSON STREET  
LAKE CITY FL. 32055



VICINITY MAP

INDEX TO DRAWINGS

- A0.0 COVER SHEET
- A1.0 FLOOR PLAN
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- A3.0 SECTIONS
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- A5.0 REFLECTIVE CEILING/ SCHEDULES PLAN
- LS.1 LIFE SAFETY PLAN
- C.1 SITE SURVEY
- C.2 SITE PLAN
- C.3 EROSION CONTROL PLAN
- C.4 EROSION CONTROL DETAILS
- S1.0 GENERAL NOTES & ABBREVIATIONS
- S2.0 SPECIAL INSPECTIONS
- S3.0 FOUNDATION PLAN
- S4.0 SECTIONS
- E.00 ELECTRICAL LEGENDS & NOTES
- E.01 ONE LINE DIAGRAM & PANELBOARD DIAGRAM
- E.02 ELECTRICAL POWER PLAN
- E.03 ELECTRICAL LIGHTING PLAN
- E.04 ELECTRICAL INSTALLATION DETAIL
- P0.1 PLUMBING ABBREVIATIONS, LEGEND & NOTES
- P1.0 PLUMBING FLOOR PLAN
- P2.0 PLUMBING DETAILS
- P3.0 PLUMBING RISER DIAGRAMS
- M0.1 HVAC ABBREVIATIONS, SYMBOLS & NOTES
- M1.0 HVAC FLOOR PLAN
- M2.0 HVAC SCHEDULES
- M2.0 HVAC DETAILS



REFUGE CHURCH OF OUR  
LORD JESUS CHRIST  
791 WILSON STREET  
LAKE CITY, FL 32055

COVER SHEET

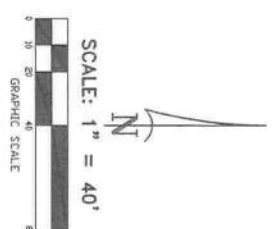
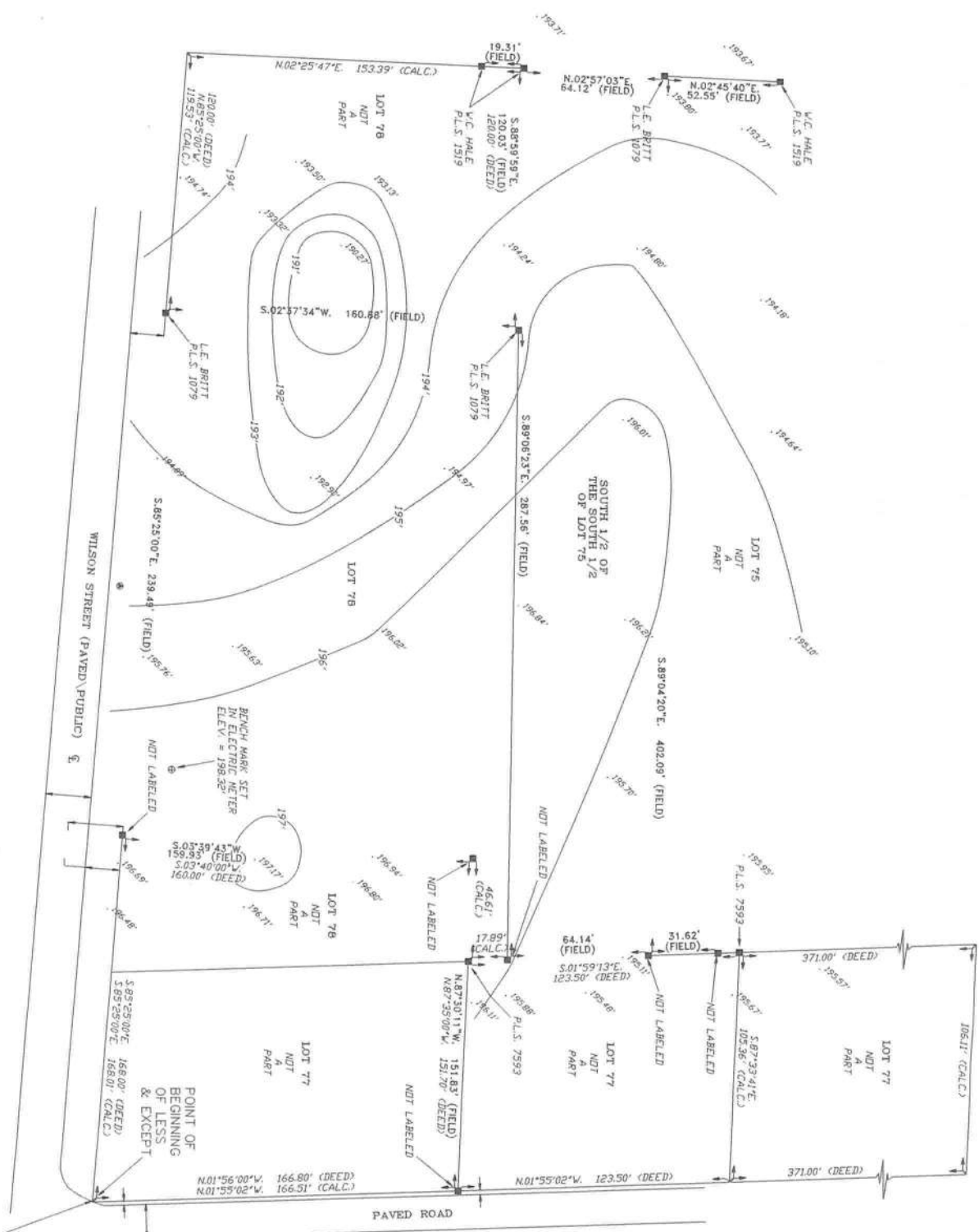
PROJECT NO.	DATE	REVISION	BY
A. G.			
DESIGNED BY			
DRAWN BY			
CHECKED BY			
REVIEWED BY			
DATE	3/5/2021		
SCALE	NTS		

ANTHONY GEORGE JR. PE  
108 MILLER DR  
ALBUQUERQUE, NM 87105  
PHONE: (505) 515-5000 FAX: (505) 515-5001  
agj@agjpe.com

A0.0

SHEET 1 OF 26

A BOUNDARY SURVEY IN SECTION 30, TOWNSHIP 3 SOUTH,  
RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA



SYMBOL LEGEND:	
■	4\"/>
□	IRON PIPE PLUMB SET
○	IRON PIN AND CAP SET
+	OUT TO PLUMB SET
×	CALCULATED PROPERTY CORNER
⊕	MALE & FEMALE
⊗	POWER POLE
⊙	IRON POST
⊛	WOOD POST
⊞	UTILITY BOX
⊟	WELL
⊠	SAINTMARY MARKLE
⊡	SECTION LINE
—	LOT BOUNDARIES
- - -	LOVE FENCE
- · - · -	CHAIN LINK FENCE
▬	GRADED ROAD
▬	AS PER A DEED OF RECORD
▬	AS PER CALCULATING
▬	AS PER FIELD MEASUREMENTS
P.M.	PROPERTY APPRAISER'S MARKER
P.C.P.	PERMANENT CONTROL POINT


DESCRIPTION  
78, LYING NORTH OF WILSON STREET, LESS AND EXCEPT THE WEST 160.00 FEET THEREOF, THE SOUTH 1/2 OF LOT 75 AND ALL OF LOT 77 LYING NORTH OF WILSON STREET, LESS AND EXCEPT THE NORTH 371.00 FEET THEREOF, ALL LYING IN AND BEING A PART OF THE NORTHWESTERN DIVISION OF THE CITY OF LAKE CITY, COLUMBIA COUNTY, FLORIDA, ALSO LESS AND EXCEPT THE NORTH 160.00 FEET THEREOF, THE SOUTH 1/2 OF LOT 75, LYING NORTH OF WILSON STREET, COLUMBIA COUNTY, FLORIDA, ALSO LESS AND EXCEPT A PART OF BLOCKS 77 AND 78 OF THE NORTHWESTERN DIVISION OF THE CITY OF LAKE CITY, MORE PARTICULARLY DESCRIBED AS FOLLOWS: WHERE THE NORTH RIGHT-OF-WAY LINE OF WILSON STREET (A 50 FOOT ROAD RIGHT-OF-WAY) INTERSECTS THE WEST RIGHT-OF-WAY OF A 20 FOOT GRADED ROADWAY, NEAR THE EAST LINE OF SAID BLOCK 77, FOR A POINT OF BEGINNING, THENCE RUN N.01°56'00\"/>

- SURVEYOR'S NOTES
1. BASED ON DOCUMENTATION FOUND ON A PREVIOUS SURVEY COMPLETED BY [REDACTED] IN 2001.
  2. BEARINGS ARE BASED ON DEED OF RECORD AS HANDED THIS OFFICE IN 2001.
  3. IT IS APPARENT THAT THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP DATED 11 NOVEMBER, 2018 FROM [REDACTED] THE INSURANCE COMPANY. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO THE INSURANCE COMPANY'S DETERMINATION.
  4. DATE OF FIELD SURVEY AS SHOWN HEREON.
  5. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
  6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE CURATIVE.
  7. DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMAL PARTS THEREOF.
  8. THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
  9. THE ADJACENT OWNERSHIP INFORMATION AS SHOWN HEREON IS BASED ON THE COUNTY PROPERTY APPRAISER'S GIS SYSTEM, UNLESS OTHERWISE DENOTED.

INTERSECTION OF THE NORTH  
RIGHT-OF-WAY LINE OF  
WILSON STREET AND THE  
WEST RIGHT-OF-WAY LINE  
OF A 20 ROADWAY

CERTIFIED TO:  
  
REFUGEE CHURCH OF OUR LORD  
PASTOR DOMINIAN SHAW

SURVEYOR'S CERTIFICATION  
  
I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM  
TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS  
IN CHAPTER 53-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.  
  
FIELD SURVEY DATE: 02/19/2021  
DRAWING DATE: 02/19/2021  
T. SCOTT BRITT, P.S.M.  
CERTIFICATION # 5797  
  
NOTE: UNLESS IT BEARS THE ORIGINAL SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR  
AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.



**BRITT SURVEYING  
& MAPPING, LLC**

LAND SURVEYORS AND MAPPERS, L.B. # 8016

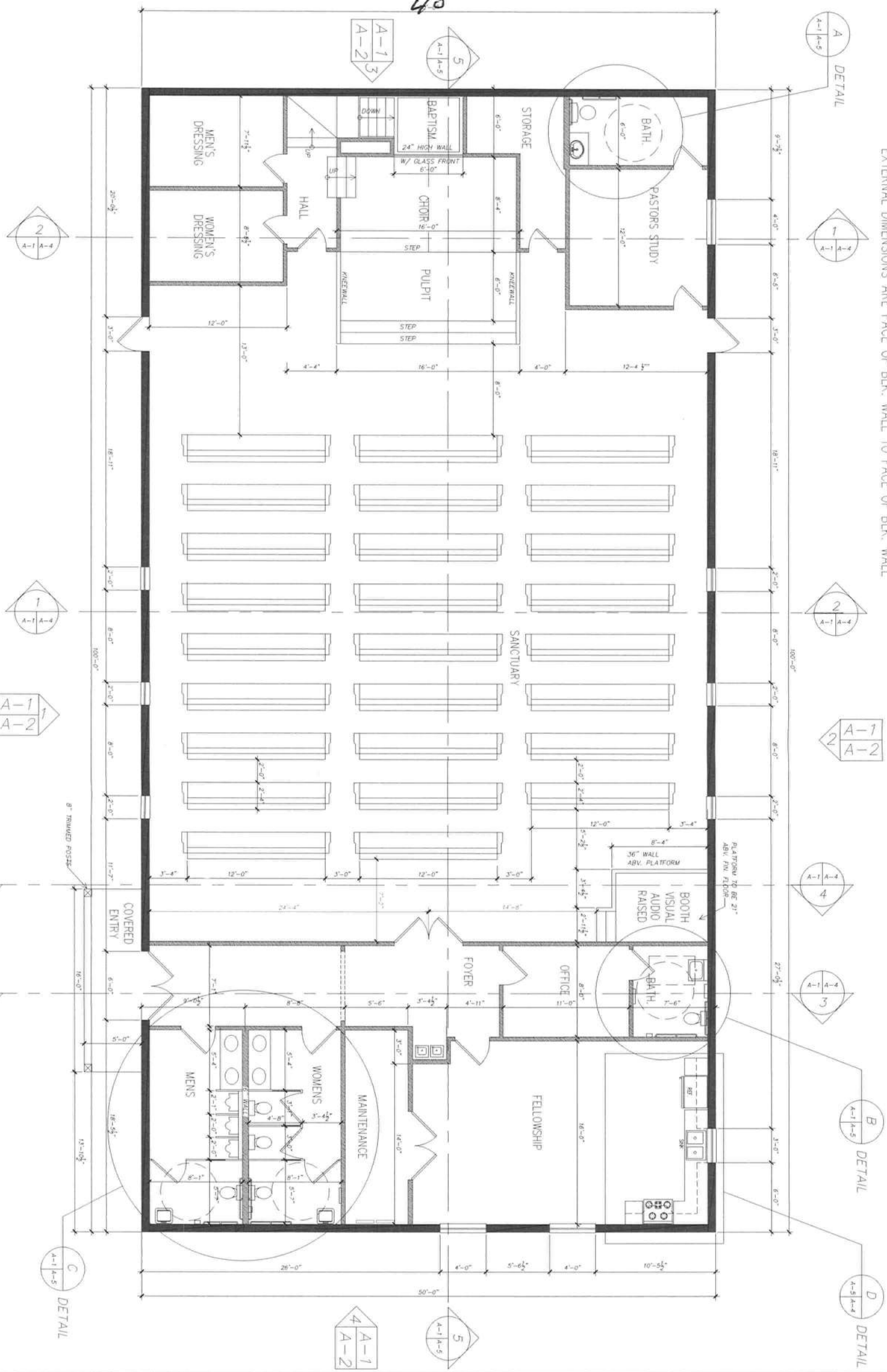
1438 SW MAIN BLVD,  
LAKE CITY, FLORIDA, 32025

www.brittsurveying.com  
TELEPHONE: (386) 752-7163 FAX: (386) 752-5573 WORK ORDER # L-27282

C1.0  
*[Signature]*  
8 of 26



NOTE: ALL INTERNAL WALLS ARE 4-1/2"  
EXTERNAL DIMENSIONS ARE FACE OF BLK. WALL TO FACE OF BLK. WALL



1 Floor Plan  
Scale of 1/4" equals 1'-0"



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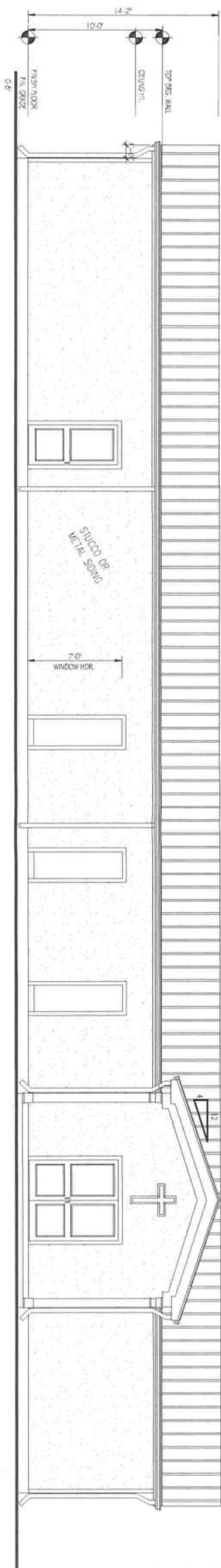
FLOOR PLAN

PROJECT NO.	DATE	REVISION	BY
DESIGNED BY: A. G.			
DRAWN BY:			
CHECKED BY:			
REVIEWED BY:			
DATE: 3/5/2021			
SCALE: NTS			

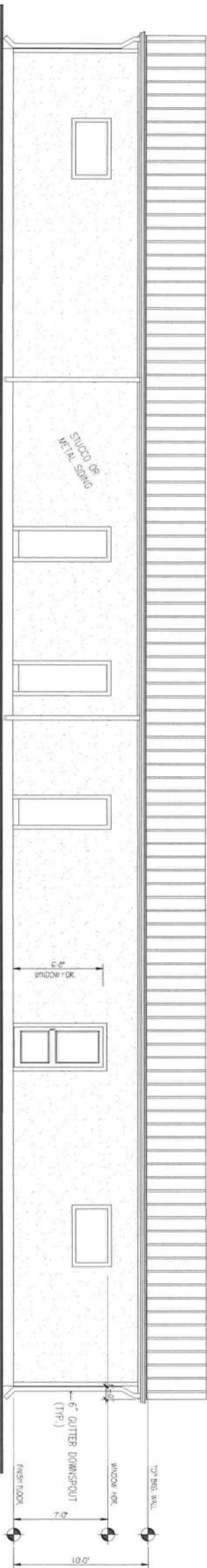
ANTHONY GEORGE JR. PE  
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http://typhoe.com

A1.0

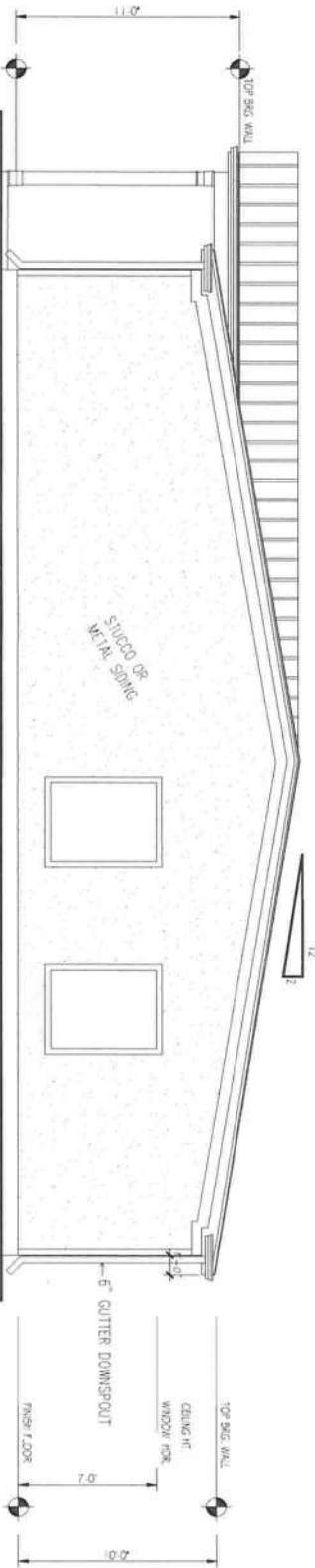
SHEET 2 OF 26



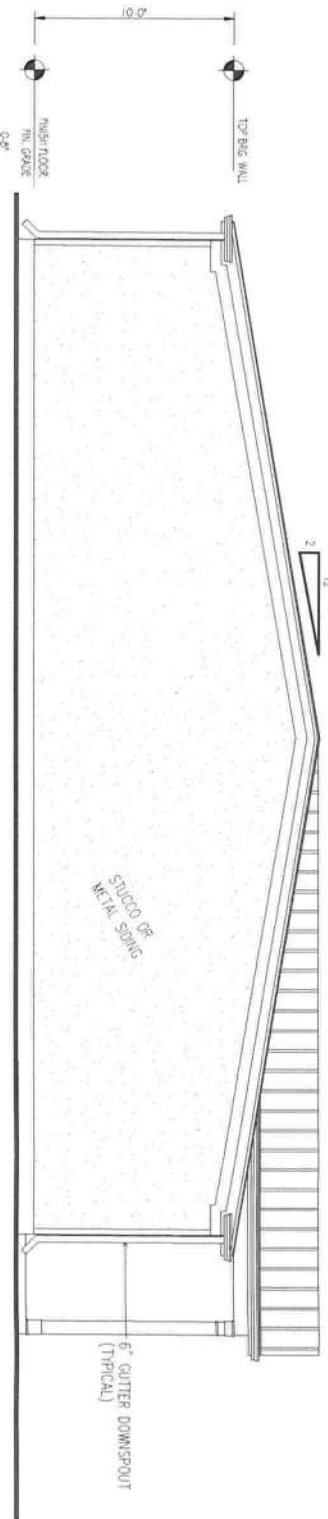
1 South Elevation  
Scale of 1/4" equals 1'-0"



2 North Elevation  
Scale of 1/4" equals 1'-0"



4 East Elevation  
Scale of 1/4" equals 1'-0"



4 West Elevation  
Scale of 1/4" equals 1'-0"



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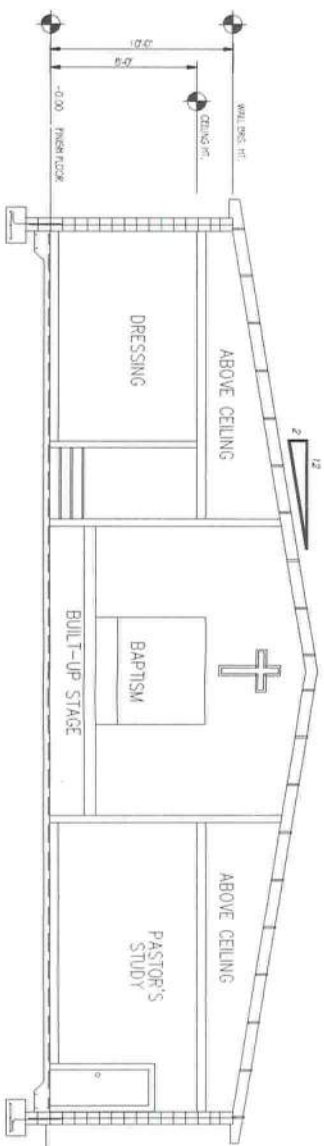
ELEVATIONS

PROJECT NO.	DATE	REVISION	BY
DESIGNED BY A. G.			
DRAWN BY			
CHECKED BY			
REVIEWED BY			
DATE 3/5/2021			
SCALE NTS			

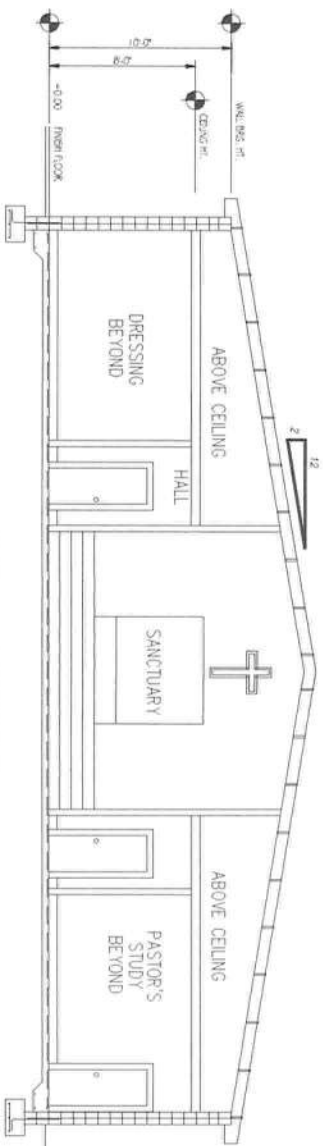
ANTHONY GEORGE JR. PE  
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A2.0

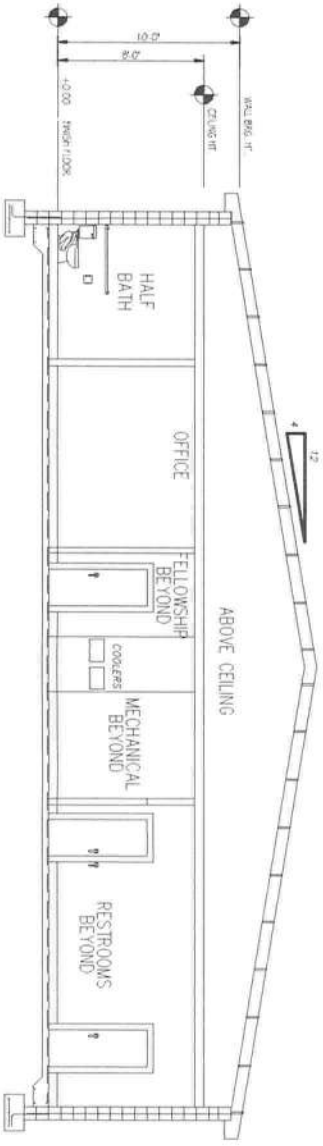
SHEET 3 OF 26



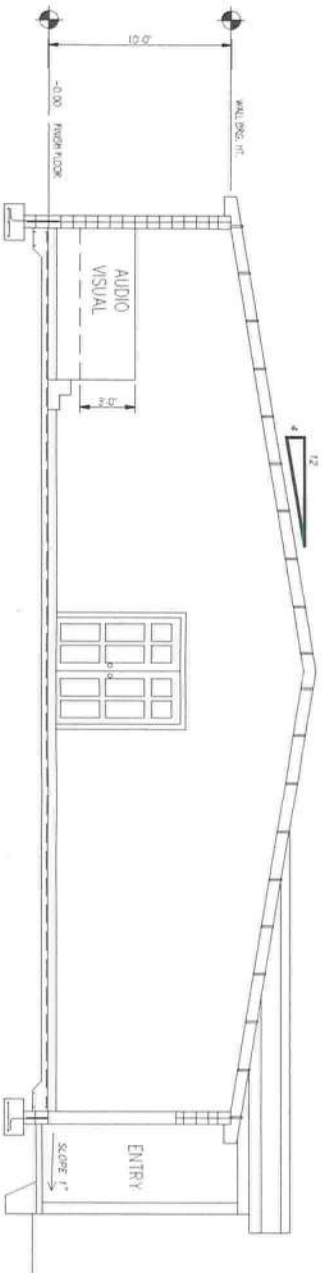
1 SECTION  
SCALE 1/4" = 1'-0"



2 SECTION  
SCALE 1/4" = 1'-0"



3 SECTION  
SCALE 1/4" = 1'-0"



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



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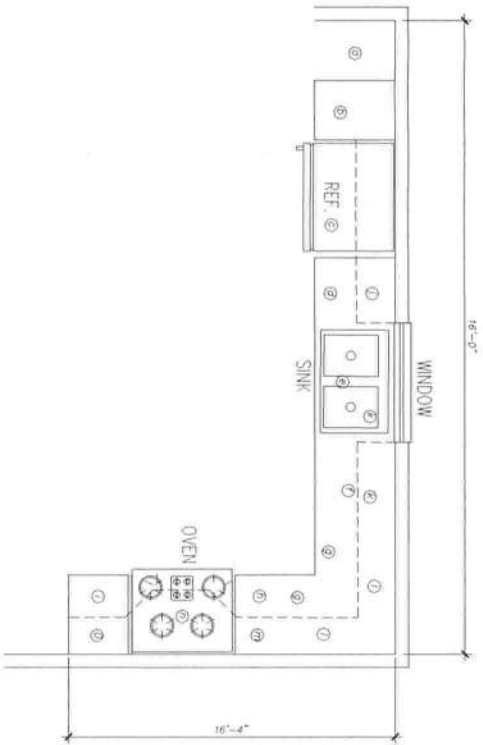
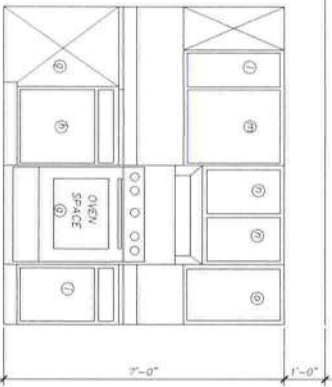
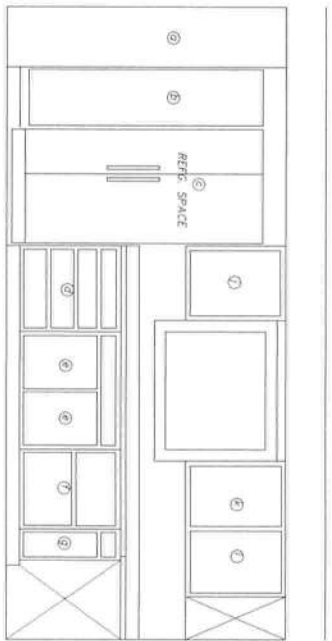
CROSS SECTIONS

PROJECT NO.	DATE	REVISION	BY
DESIGNED BY A. G.			
DRAWN BY			
CHECKED BY			
REVIEWED BY			
DATE 3/5/2021			
SCALE N/A			

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A3.0

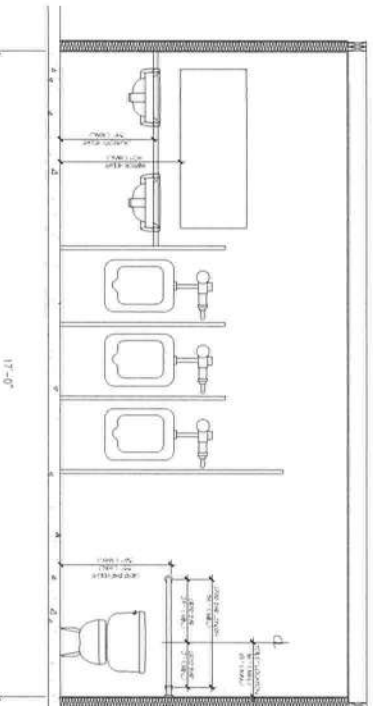
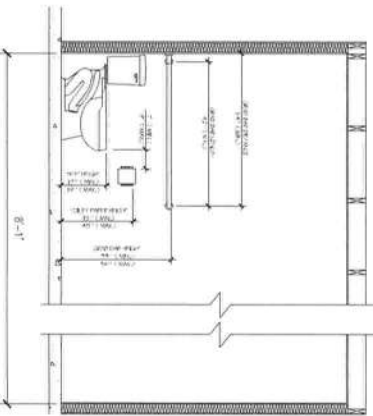
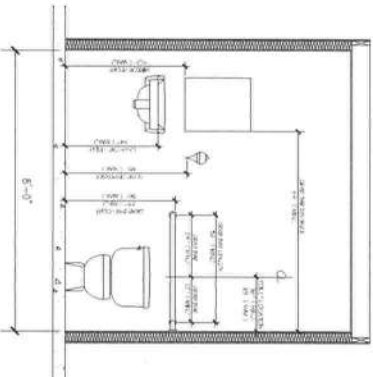
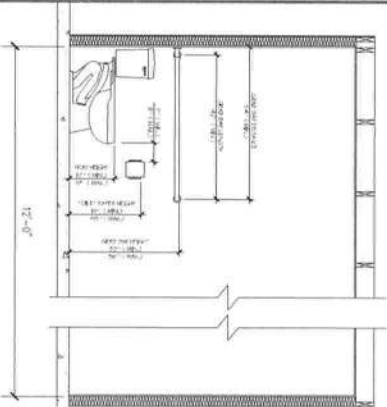
SHEET 4 OF 26



KITCHEN CABINET SCHEDULE	
MARK	DESCRIPTION
a	18" Empty Space
b	18" Broom Closet
c	36" Ref. Space
d	18" 4 Drawer Base
e	36" Sink Base
f	24" 2 Drawer Base
g	Lazy Susan or 36" Corner
h	24" Base
g	30" Electric Range
h	24" Base
i	18" Base
j	24" Wall
k	36" Window
l	24" Corner Wall
m	24" Wall
n	30" Hood Vent
o	18" Wall

D SECTIONS  
A-5 | A-4  
SCALE 1/2" = 1'-0"

D PLAN  
A-5 | A-4  
SCALE 1/2" = 1'-0"

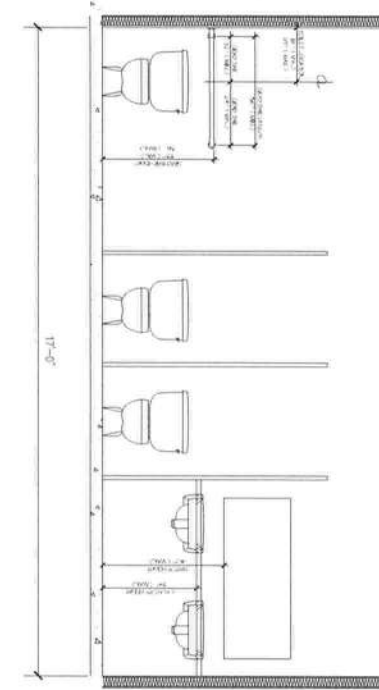
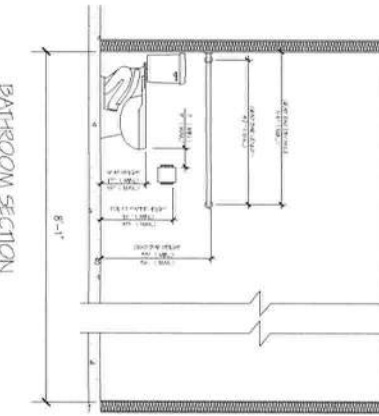
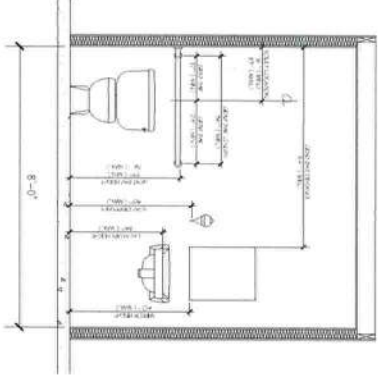
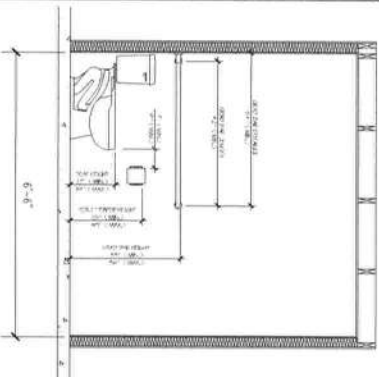


BATHROOM SECTION  
SCALE 1/8" = 1'-0"

BATHROOM SECTION  
SCALE 1/8" = 1'-0"

MEN'S BATHROOM  
SECTION  
SCALE 1/8" = 1'-0"

A SECTION  
A-1 | A-5



BATHROOM SECTION  
SCALE 1/8" = 1'-0"

BATHROOM SECTION  
SCALE 1/8" = 1'-0"

BATHROOM SECTION  
SCALE 1/8" = 1'-0"

WOMEN'S BATHROOM  
SECTION  
SCALE 1/8" = 1'-0"

B SECTION  
A-1 | A-5

C SECTION  
A-1 | A-5



REFUGE CHURCH OF OUR  
LORD JESUS CHRIST  
791 WILSON STREET  
LAKE CITY, FL 32055

BUILDING SECTION  
ADA BATHROOM SECTIONS

PROJECT NO.	DATE	REVISION	BY
DESIGNED BY A. G.			
DRAWN BY			
CHECKED BY			
REVIEWED BY			
DATT 3/5/2021			
SCALE NTS			

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DRAWING NO.  
A4.0

SHEET 5 of 26



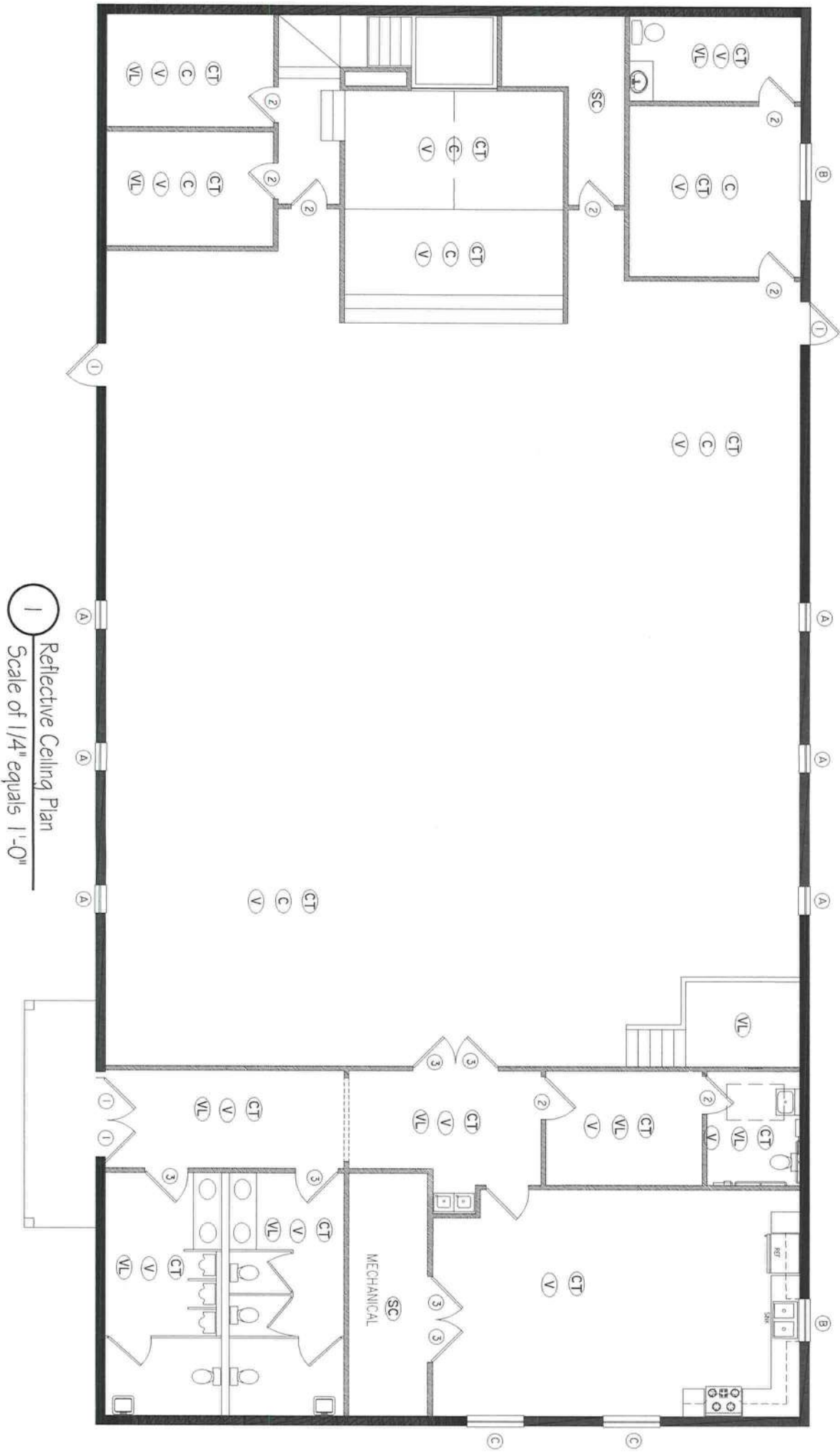
CEILING FINISH LEGEND	
2 X4, CEILING TILE	CT

FLOOR FINISH LEGEND	
CARPET	C
VINYL LINOLEUM	VL
SEALED CONCRETE WITH POLISH	SC

FINISH SCHEDULE		
EXTERIOR	PLASTER	P
INTERIOR	1/2" DRYWALL	D
BASEBOARD	6" VINYL	V

WINDOW SCHEDULE		
MARK	SIZE	TYPE
A	20X70	STAIN GLASS
B	40X30	FIXED GLASS
C	40X30	FIXED GLASS

DOOR SCHEDULE			
MARK	SIZE	TYPE	LOCKSET
1	3068	WOOD	LEVER WITH AUTO. DOOR CLOSURE
2	2868	WOOD	LEVER
3	3068	WOOD	LEVER



1 Reflective Ceiling Plan  
Scale of 1/4" equals 1'-0"



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791 WILSON STREET  
LAKE CITY, FL 32055

REFLECTIVE CEILING PLAN

PROJECT NO.	DATE	REVISION	BY
DESIGNED BY	A. G.		
DRAWN BY			
CHECKED BY			
REVIEWED BY			
DATE	3/5/2021		
SCALE	N.T.S.		

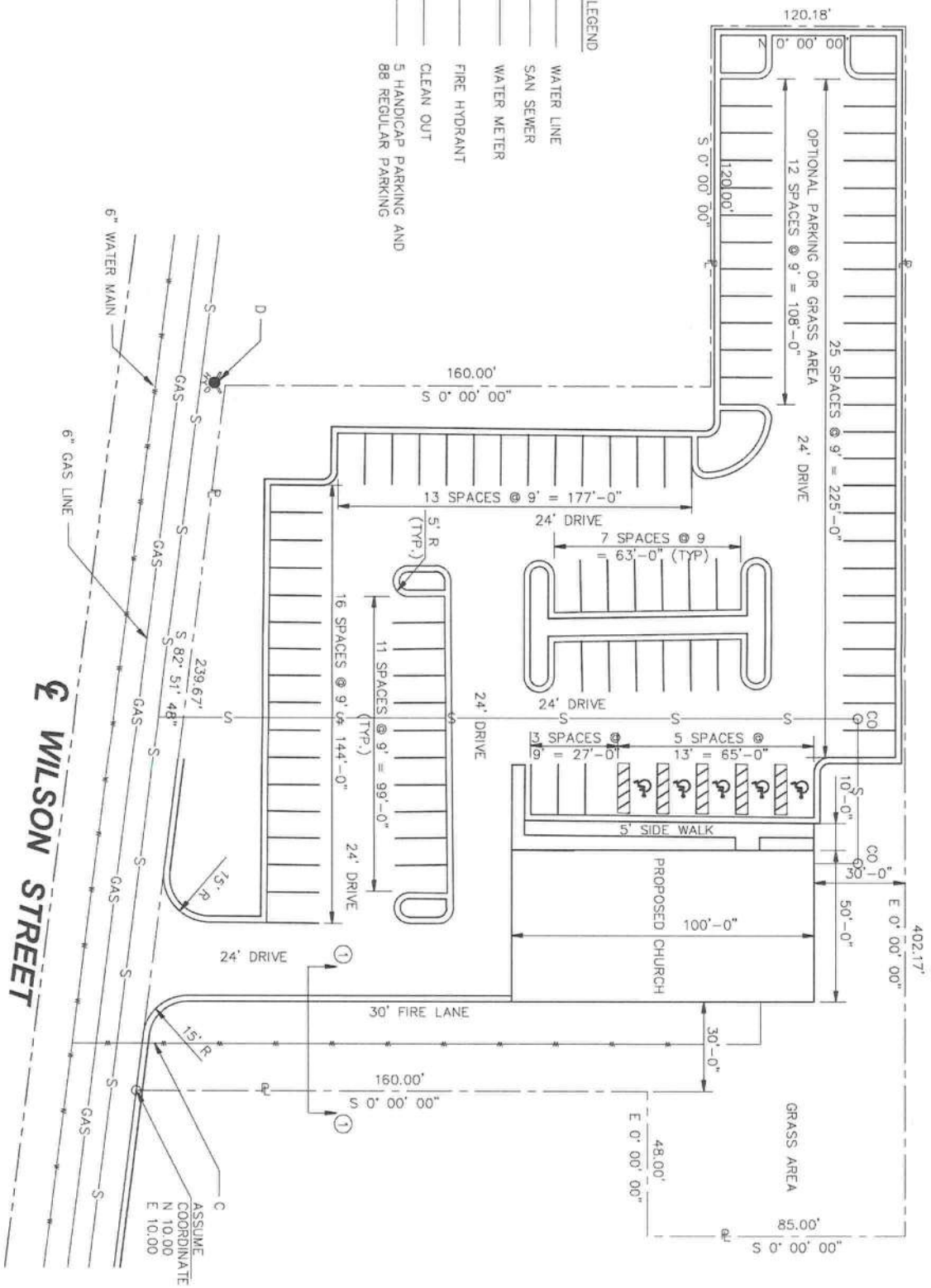
ANTHONY GEORGE JR. PE  
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ATLANTA, GA 30316  
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A5.0

SHEET 26 OF 26



SCALE: 1" = 10'-0"



SCALE: 1" = 20'-0"

ANTHONY GEORGE JR PE  
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Delivering MD.

C2.0

791 WILSON STREET  
LAKE CITY, FL 32055

## SITE PLAN

25  
99-2C  
9



1 of 2

Sheet 16 of 26

E-00

EXAMINER NO.

ALEC ZAYCHIK, PE

4020 OULTANHOODEE TRAIL, SUITE A

DUBLIN, GEORGIA 30097

PHONE: (770) 345-9946


PROJECT NO.	DATE	REVISION	BY
DESIGNED BY: AZ	4/07/2021	A ISSUED FOR REVIEW	
DRAWN BY: SP	5/27/2021	B ISSUED FOR CONSTRUCTION	
CHECKED BY: AL			
REVIEWED BY:			
DATE: 3/25/2021			
SCALE: AS SHOWN			

ELECTRICAL LEGENDS  
AND NOTES

REFUGEE CHURCH

791 WILSON STREET

LAKE CITY, FL 32055

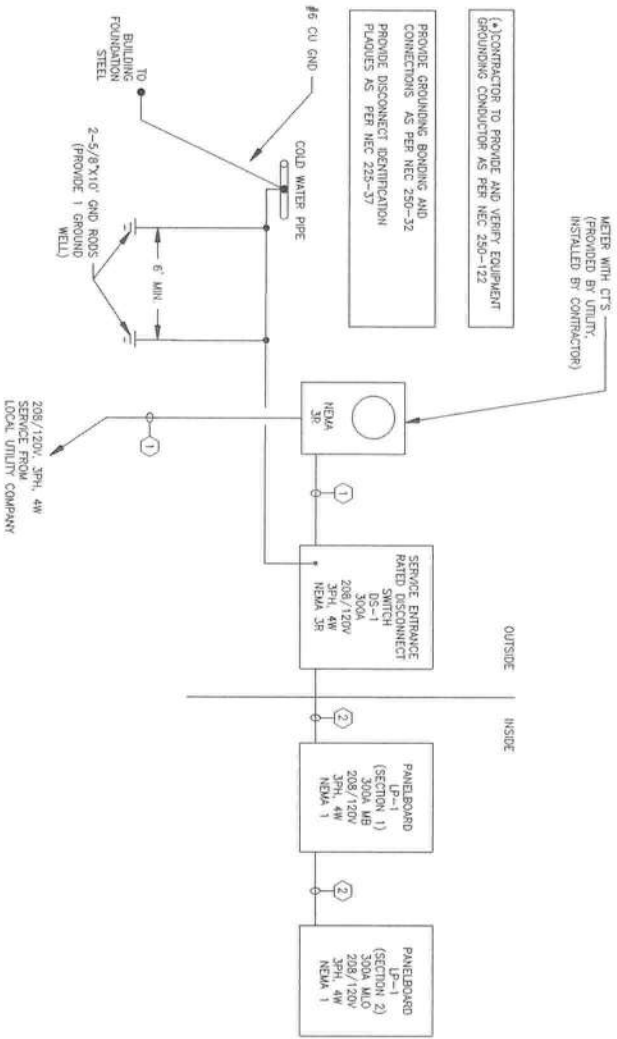




SHORT CIRCUIT CALCULATIONS:  
FULL LOAD CURRENT: 111.2 AMP (PHASE C OF PANELBOARD LP-1)  
SHORT CIRCUIT CURRENT AT THE SECONDARY OF UTILITY TRANSFORMER:  
111.2 AMP / 0.0375 (IMPEDANCE OF THE TRANSFORMER) = 1333 AMP  
PANELBOARD SHORT CIRCUIT RATING: 22,000 AMP  
CONCLUSION: PANELBOARD CAN WITHSTAND AVAILABLE SHORT CIRCUIT CURRENT.

Voltage drop calculation for Service Conductors									
CKT FROM	CKT TO	NO. PHASES	CONDUCTOR SIZE	CIRCUIT VOLTAGE	CTD. RUM. AMPS	LENGTH	MILLS	DROP %	VOL. I
UTILITY TRK	DS-1	3	350	208	299.5A	293.5	50	0.96	0.48%
							TOTAL V.D. DROP %		
							0.48%		

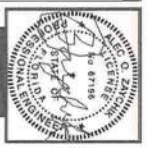
CONDUCTOR/CONDUIT SCHEDULE	
1	3 - 350KCMIL, N 25° C.
2	3 - 350KCMIL, & 1 #4 GND N 25° C.



1 ELECTRICAL RISER DIAGRAM

PANELBOARD (SECTION 1) LOCATED IN MAINTENANCE ROOM									
VOLTAGE (L-L)		120V	ENCLOSURE TYPE		NEMA 1		GROUNDING		
VOLTAGE (L-N)		208V	GROUNDING		SURFACE		NEMA 1		
PHASES, WIRING		3 Ø 4 W	WIRING		NEMA 1		NEMA 1		
MINIMUM BUS CAPACITY (A)		300A	MIN. RATING (A)		22000		22000		
MIN. O.C. DEVICE (A)		300A MB	NOTES		INCLUDE SHORT CIRCUIT PROTECTION DEVICE (SPD)		INCLUDE FEED THROUGH LOADS FROM D-1 (SECTION 2)		
CKT. NO.	DESCRIPTION	TYPE	POLE	A	B	C	POLE	TYPE	DESCRIPTION
1	PASTOR STUDY ROOM/BATH, STORAGE	20	1	10.5	5.1		1	20	PASTOR STUDY ROOM/BATH, STORAGE
3	MEN'S DRESSING, WOMAN'S DRESSING	20	1		10.5	5.2	1	20	MEN'S AND WOMAN'S DRESSING, BATH
5	CHOR, PULPIT RECEPTACLES	20	1		9.0	4.3	1	20	CHOR, PULPIT RECEPTACLES
7	SANCTUARY ROOM (LEFT) RECEPTACLES	20	1	7.5	8.6		1	20	SANCTUARY ROOM (LEFT) LIGHTING
9	SANCTUARY ROOM (RIGHT) RECEPTACLES	20	1		6.0	8.6	1	20	SANCTUARY ROOM (RIGHT) LIGHTING
11	FOYER, OFFICE/BATH ROOM RECEPTACLES	20	1		12.0	3.8	1	20	FOYER, OFFICE/BATH ROOM LIGHTING AND
13	MEN'S RESTROOM AND WOMAN'S RESTROOM RECEPTACLES	20	1	6.0	4.2		1	20	MEN'S AND WOMAN'S RESTROOMS
15	RESTROOM ROOM, MAINTENANCE ROOM	20	1		9.0	3.2	1	20	RESTROOM ROOM, MAINTENANCE ROOM
17	ENTRANCE RECEPTACLES	20	1		3.0	4.0	1	20	ENTRANCE LIGHTING
19	KITCHEN RANGE RECEPTACLE	40	2		20.0		1	20	SPACER
21	KITCHEN EXHAUST FAN	20	1		20.0		1	20	SPACER
23	REFRIGERATOR RECEPTACLE	20	1	2.0		5.5	1	20	SPACER
25	WATER HEATER WH-1	40	2		6.0		1	20	SPACER
27	WATER HEATER WH-2	40	2		28.8		1	20	SPACER
29	WATER HEATER WH-3	40	2		28.8		1	20	SPACER
31	WATER HEATER WH-4	40	2		28.8		1	20	SPACER
33	WATER HEATER WH-5	40	2		28.8		1	20	SPACER
35	WATER HEATER WH-6	40	2		28.8		1	20	SPACER
37	WATER HEATER WH-7	40	2		28.8		1	20	SPACER
39	WATER HEATER WH-8	40	2		28.8		1	20	SPACER
41	WATER HEATER WH-9	40	2		28.8		1	20	SPACER
USE #12 FOR 20A CB		USE #8 FOR 60A CB		CONNECTED LOAD PHASE TOTALS (AMP)		97.3		111.2	
USE #10 FOR 30A CB		USE #6 FOR 90A CB							

PANELBOARD (SECTION 2) LOCATED IN MAINTENANCE ROOM									
VOLTAGE (L-L)		120V	ENCLOSURE TYPE		NEMA 1		GROUNDING		
VOLTAGE (L-N)		208V	GROUNDING		SURFACE		NEMA 1		
PHASES, WIRING		3 Ø 4 W	WIRING		NEMA 1		NEMA 1		
MINIMUM BUS CAPACITY (A)		300A	MIN. RATING (A)		22000		22000		
MIN. O.C. DEVICE (A)		300A MB	NOTES		INCLUDE SHORT CIRCUIT PROTECTION DEVICE (SPD)		INCLUDE FEED THROUGH LOADS FROM D-1 (SECTION 2)		
CKT. NO.	DESCRIPTION	TYPE	POLE	A	B	C	POLE	TYPE	DESCRIPTION
43	AIR HANDLING UNIT AHU-1	50	3	30.0	21.0		3	40	HEAT PUMP CU-1
45	AIR HANDLING UNIT AHU-2	50	3	30.0	21.0		3	40	HEAT PUMP CU-2
47	AIR HANDLING UNIT AHU-3	50	3	30.0	21.0		3	40	HEAT PUMP CU-3
49	AIR HANDLING UNIT AHU-4	50	3	30.0	21.0		3	40	HEAT PUMP CU-4
51	AIR HANDLING UNIT AHU-5	50	3	30.0	21.0		3	40	HEAT PUMP CU-5
53	AIR HANDLING UNIT AHU-6	50	3	30.0	21.0		3	40	HEAT PUMP CU-6
55	AIR HANDLING UNIT AHU-7	50	3	30.0	21.0		3	40	HEAT PUMP CU-7
57	AIR HANDLING UNIT AHU-8	50	3	30.0	21.0		3	40	HEAT PUMP CU-8
59	AIR HANDLING UNIT AHU-9	50	3	30.0	21.0		3	40	HEAT PUMP CU-9
61	AIR HANDLING UNIT AHU-10	50	3	30.0	21.0		3	40	HEAT PUMP CU-10
63	AIR HANDLING UNIT AHU-11	50	3	30.0	21.0		3	40	HEAT PUMP CU-11
65	AIR HANDLING UNIT AHU-12	50	3	30.0	21.0		3	40	HEAT PUMP CU-12
67	AIR HANDLING UNIT AHU-13	50	3	30.0	21.0		3	40	HEAT PUMP CU-13
69	AIR HANDLING UNIT AHU-14	50	3	30.0	21.0		3	40	HEAT PUMP CU-14
71	AIR HANDLING UNIT AHU-15	50	3	30.0	21.0		3	40	HEAT PUMP CU-15
73	AIR HANDLING UNIT AHU-16	50	3	30.0	21.0		3	40	HEAT PUMP CU-16
75	AIR HANDLING UNIT AHU-17	50	3	30.0	21.0		3	40	HEAT PUMP CU-17
77	AIR HANDLING UNIT AHU-18	50	3	30.0	21.0		3	40	HEAT PUMP CU-18
79	AIR HANDLING UNIT AHU-19	50	3	30.0	21.0		3	40	HEAT PUMP CU-19
81	AIR HANDLING UNIT AHU-20	50	3	30.0	21.0		3	40	HEAT PUMP CU-20
83	AIR HANDLING UNIT AHU-21	50	3	30.0	21.0		3	40	HEAT PUMP CU-21
USE #12 FOR 20A CB		USE #8 FOR 60A CB		CONNECTED LOAD PHASE TOTALS (AMP)		188.0		153.0	
USE #10 FOR 30A CB		USE #6 FOR 90A CB							



REFUGEE CHURCH  
791 WILSON STREET  
LAKE CITY, FL 32055

ONE LINE DIAGRAM AND  
PANELBOARD SCHEDULE

PROJECT NO.		DATE		REVISION		BY
DESIGNED BY		AZ	4/07/2021	A	ISSUED FOR REVIEW	
DRAWN BY		SP	5/27/2021	B	ISSUED FOR CONSTRUCTION	
CHECKED BY		AL				
REVIEWED BY						
DATE	3/25/2021					
SCALE	AS SHOWN					

ALEC ZAYCHIK, PE  
4135 CHATTAHOOCHEE TRAIL, SUITE A  
DAVIE, GEORGIA 30037  
PHONE: (770) 315-9986

DRAWING NO.  
E-01

151826  
SHEET 26



REFUGEE CHURCH  
791 WILSON STREET  
LAKE CITY, FL 32055

ELECTRICAL POWER PLAN

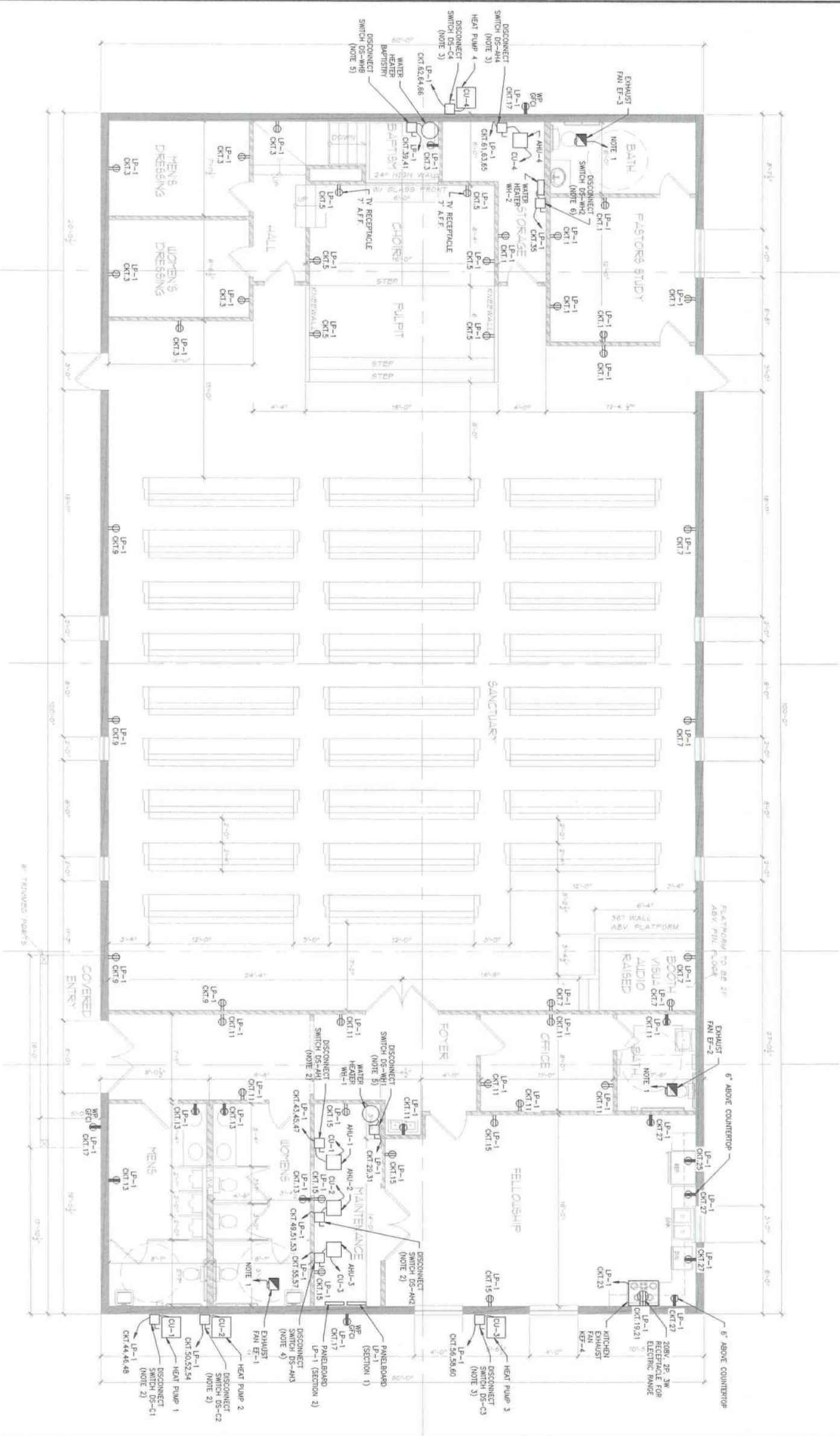
PROJECT NO.	DATE	REVISION	BY
020120	4/01/2021	A ISSUED FOR REVIEW	
	5/27/2021	B ISSUED FOR CONSTRUCTION	
DESIGNED BY	SP		
DRAWN BY	AL		
CHECKED BY			
DATE	7/25/2021		
SCALE	AS SHOWN		

ALEC ZAYCHIK, PE  
4102 OAKWOOD TRAIL, SUITE A  
DAVIE, GEORGIA 30207  
PHONE (770) 355-6996

E-02

DRAWING NO.

SHEET 6 OF 26



1  
ELECTRICAL POWER PLAN  
1/4" = 1'-0"



NOTES:

1. EXHAUST FANS EF-1, EF-2, EF-3 SHALL BE CONTROLLED BY DEDICATED HP RATED TOGGLE SWITCH.
2. CONTRACTOR SHALL SUPPLY AND INSTALL 60A, 3P, 208V NON-FUSED DISCONNECT SWITCHES FOR CU-1, CU-2 (IN NEUA 38 ENCLOSURE) AND AHU-1, AHU-2 (IN NEUA 1 ENCLOSURE). COORDINATE THE EXACT VOLTAGE/AMPERAGE/PHASE RATING WITH VENDOR SHOP DRAWINGS AND ADJUST BREAKER, DISCONNECT SWITCH AND CABLE/CONDUIT SIZE AS REQUIRED.
3. CONTRACTOR SHALL SUPPLY AND INSTALL 30A, 3P, 208V NON-FUSED DISCONNECT SWITCHES FOR CU-3, CU-4 (IN NEUA 38 ENCLOSURE) AND AHU-3, AHU-4 (IN NEUA 1 ENCLOSURE). COORDINATE THE EXACT VOLTAGE/AMPERAGE/PHASE RATING WITH VENDOR SHOP DRAWINGS AND ADJUST BREAKER, DISCONNECT SWITCH AND CABLE/CONDUIT SIZE AS REQUIRED.
4. CONTRACTOR SHALL SUPPLY AND INSTALL 60A, 3P, 208V NON-FUSED DISCONNECT SWITCH IN NEUA 1 ENCLOSURE FOR AHU-3. COORDINATE THE EXACT VOLTAGE/AMPERAGE/PHASE RATING WITH VENDOR SHOP DRAWINGS AND ADJUST BREAKER, DISCONNECT SWITCH AND CABLE/CONDUIT SIZE AS REQUIRED.
5. CONTRACTOR SHALL FURNISH AND INSTALL 60A, 3P, 208V NON-FUSED DISCONNECT SWITCHES IN NEUA 1 ENCLOSURE FOR AHU-1 AND AHU-2. COORDINATE THE EXACT VOLTAGE/AMPERAGE/PHASE RATING WITH VENDOR SHOP DRAWINGS AND TO PROVIDE THE REQUIRED WORKING CLEARANCES.
6. CONTRACTOR SHALL FURNISH AND INSTALL 30A, 3P, 120V NON-FUSED DISCONNECT SWITCH IN NEUA 1 ENCLOSURE FOR HEATER UNIT-2. COORDINATE THE EXACT VOLTAGE/AMPERAGE/PHASE RATING WITH VENDOR SHOP DRAWINGS AND TO PROVIDE THE REQUIRED WORKING CLEARANCES.
7. CONTRACTOR SHALL PROVIDE AND INSTALL ALL POWER AND CONTROL CABLES/CONDUITS FOR PROPER HVAC SYSTEM OPERATION BASED ON THE INSTALLED EQUIPMENT.

RECEPTACLE SCHEDULE

SYMBOL/TYPE	DESCRIPTION	VOLT./AMP./PH. MOUNTING
⌚	120V, 20A, 1PH DUPLEX RECEPTACLE	120V, 20A, WALL, 18" A.F.F.
⌚	120V, 20A, 1PH GFCI DUPLEX RECEPTACLE	120V, 20A, WALL, 4FT A.F.F. OR 6' ABOVE COUNTERTOP
⌚	208V, 40A, 3P, 1PH, 3W GFCI RECEPTACLE FOR ELECTRICAL RANGE CONNECTION	208V, 40A, 1PH, 3P, WALL, 18" A.F.F.

NOTE:  
DESIGN IS BASED ON THE EQUIPMENT SHOWN IN THE ABOVE SCHEDULE. RECEPTACLES SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR PER SCHEDULE. ANY SUBSTITUTIONS SHALL BE APPROVED BY ENGINEER PRIOR TO FURNISHING/INSTALLATION.





REFUGEE CHURCH  
791 WILSON STREET  
LAKE CITY, FL 32055

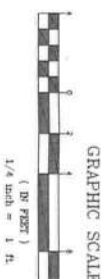
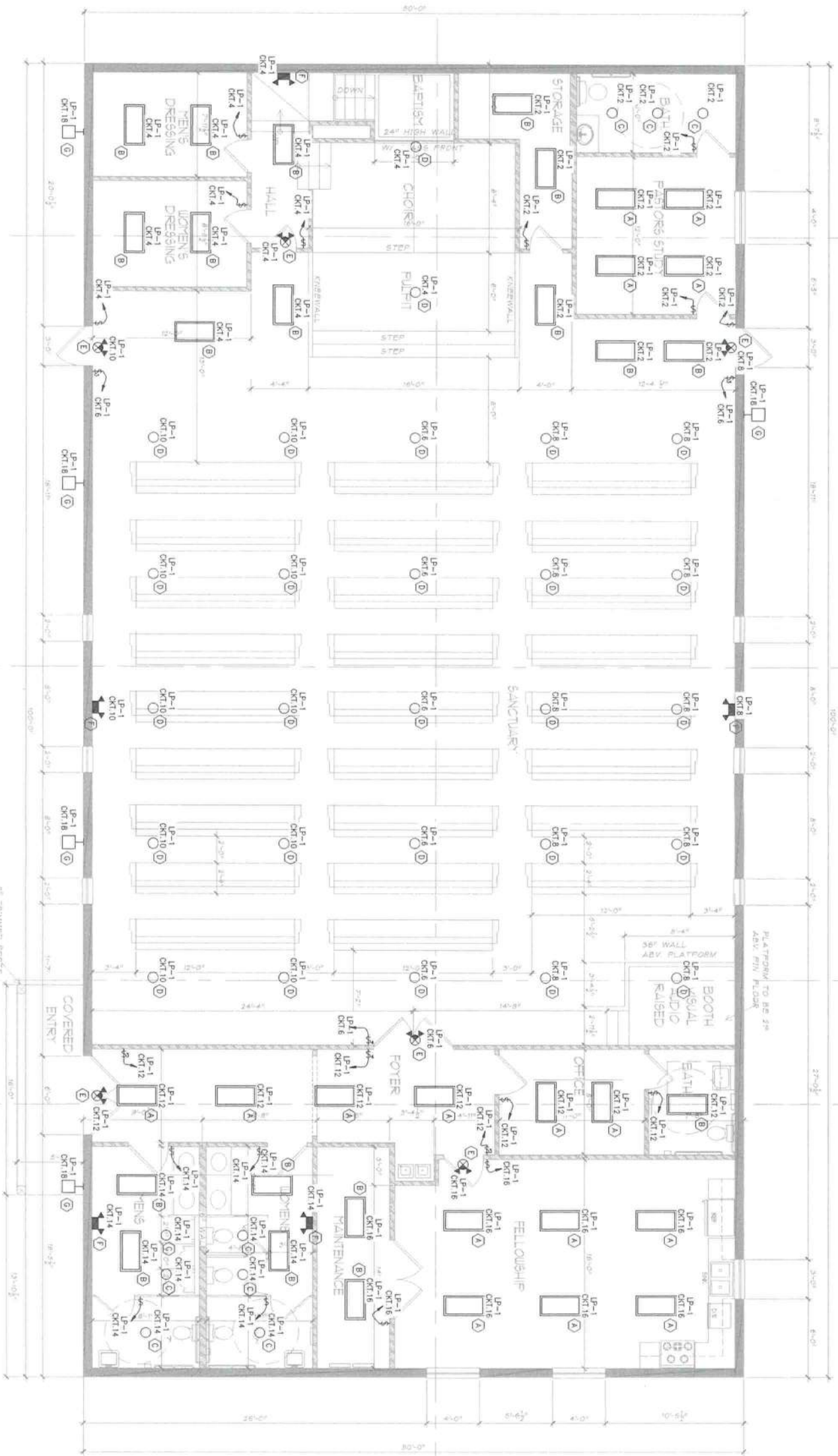
ELECTRICAL LIGHTING PLAN

PROJECT NO.	DATE	REVISION	BY
DESIGNED BY: AZ	4/07/2021	A	ISSUED FOR REVIEW
DRAWN BY: SP	5/27/2021	B	ISSUED FOR CONSTRUCTION
CHECKED BY: AL			
REVIEWED BY:			
DATE: 3/25/2021			
SCALE: AS SHOWN			

ALEC ZAYCHIK, PE  
402 OUTWATER DRIVE, SUITE A  
DAVIE, FLORIDA 33317  
PHONE: (770) 315-9946

E-03

SHEET 19 OF 25



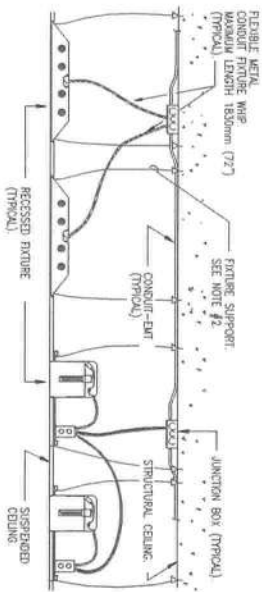
LIGHTING SCHEDULE			
SYMBOL/TYPE	DESCRIPTION	LAMP/VOLTAGE	MOUNTING
 A	COMMERCIAL INDOOR 2'x4' TROUBLE SHOOTER FOR DAMP LOCATION METALUX #24C22-29-UV-LR35-CO1	LED 120/277V, 1PH 42.5WATTS	CEILING/ RECESSED
 B	COMMERCIAL INDOOR 2'x4' FLAT PANEL, SUITABLE FOR DAMP LOCATION: METALUX #24FPC35C	LED 120/277V, 1PH 60.5WATTS	CEILING/ RECESSED
 C	COMMERCIAL INDOOR 6' OPEN DOWNLIGHT PORTLAND ALUMINUM00101-DL8H1029035-BL60H0	LED 120/277V, 1PH 100WATTS	CEILING/ RECESSED
 D	COMMERCIAL INDOOR 6' CYLINDER DOWNLIGHT METALUX #246-100M-308-0UN-51T-BL-C-514	LED 120/277V, 1PH 100WATTS	CEILING/ RECESSED
 E	EMERGENCY LIGHT COMBO FUTURE, SUITABLE FOR DAMP LOCATION: LUMINOVA #L24E18-5-1-R-H0860-50 (OR APPROVED EQUAL)	LED 120/277V, 1PH 18WATTS	WALL BRT A.F.F.
 F	INDOOR EMERGENCY LED LIGHT FUTURE, SUITABLE FOR DAMP LOCATION MINIMUM OF 90 MIN. OF ILLUMINATION IF POWER IS LOST. LUMINOVA #ELM1-50R1	LED 120/277V, 1PH 6WATTS	WALL BRT A.F.F.
 G	FLOODLIGHT WITH PHOTOCELL SENSOR LEDNITE LED OUTDOOR DISK, TO DOWN, 3400LM, 3000K (OR APPROVED EQUAL)	LED 120/277V, 1PH 28WATTS	WALL BRT A.F.F.

SYMBOL/TYPE	DESCRIPTION	LAMP/VOLTAGE	MOUNTING
\$	120V, 20A, TOGGLE LIGHT SWITCH	120V, 20A, 1PH	WALL/SURFACE 48-52\"/>
\$	120V, 20A, 3-WAY TOGGLE LIGHT SWITCH	120V, 20A, 1PH	WALL/SURFACE 48-52\"/>
\$	120V, 20A, 4-WAY TOGGLE LIGHT SWITCH	120V, 20A, 1PH	WALL/SURFACE 48-52\"/>

NOTE:  
DESIGN IS BASED ON THE EQUIPMENT SHOWN IN THE ABOVE SCHEDULE. LIGHTS AND SWITCHES SHALL BE PROVIDED AND INSTALLED BY  
CONTRACTOR PER SCHEDULE. ANY SUBSTITUTIONS SHALL BE APPROVED BY ENGINEER PRIOR TO PURCHASE/INSTALLATION.

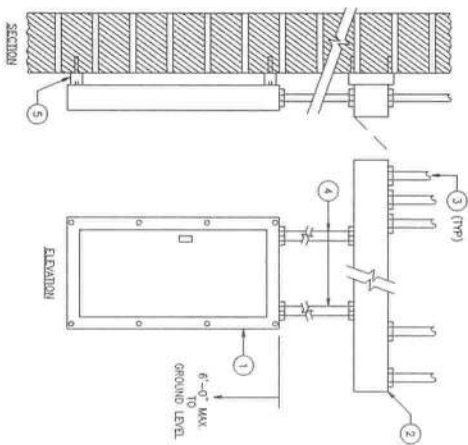
Area	Average	Maximum	Minimum
Choir/Relight	58.55	103.5	17.0
Sanctuary	53.52	87.0	29.8
Fellowship Hall	43.33	58.0	22.0

17  
AC 24



NOTE:  
1. A/C CABLE IS ACCEPTABLE ONLY IN NON-SCIENCE APPLICATIONS.  
2. FOR LINEAR FLUORESCENTS, MINIMUM TWO 2.5mm (0.1") (#10 AWG) GALVANIZED STEEL WIRES AT DIAGONAL CORNERS (WITHIN 100mm (4") OF FIXTURE CORNERS) DIRECTLY FROM STRUCTURES FOR DOWNLIGHTS, MINIMUM ONE 2.5mm (0.1") WIRE FROM STRUCTURE.

1 SUSPENDED CEILING LIGHT INSTALLATION DETAIL



BILL OF MATERIAL			REMARKS
ITEM	QTY	DESCRIPTION	
1	1	PANELBOARD	
2	A/R	6" x 6" OIL TIGHT WIREWAY WITH HINGED COVER	
3	A/R	2 1/2" RIGID CONDUIT	
4	A/R	CONDUIT (MIN. 3/4") OR CABLES TYPE "MC"	
5	A/R	1 3/8" x 1 5/8" STUD CHANNEL, ANCHORED TO CONCRETE WALL OR WELDED TO STEEL COLUMN	

A/R=AS REQUIRED

2 PANELBOARD INSTALLATION DETAIL



REFUGEE CHURCH  
791 WILSON STREET  
LAKE CITY, FL 32055

ELECTRICAL INSTALLATION  
DETAILS

PROJECT NO.	DATE	REVISION	BY
DESIGNED BY: AZ	4/07/2021	A ISSUED FOR REVIEW	
DRAWN BY: SP	5/27/2021	B ISSUED FOR CONSTRUCTION	
CHECKED BY: AL			
REVIEWED BY:			
DATE: 3/25/2021			
SCALE: AS SHOWN			

ALEC ZAYCHIK, PE  
4120 CHATTAHOOCHEE TRAIL, SUITE A  
DUBLIN, GEORGIA 30097  
PHONE: (770) 315-9148

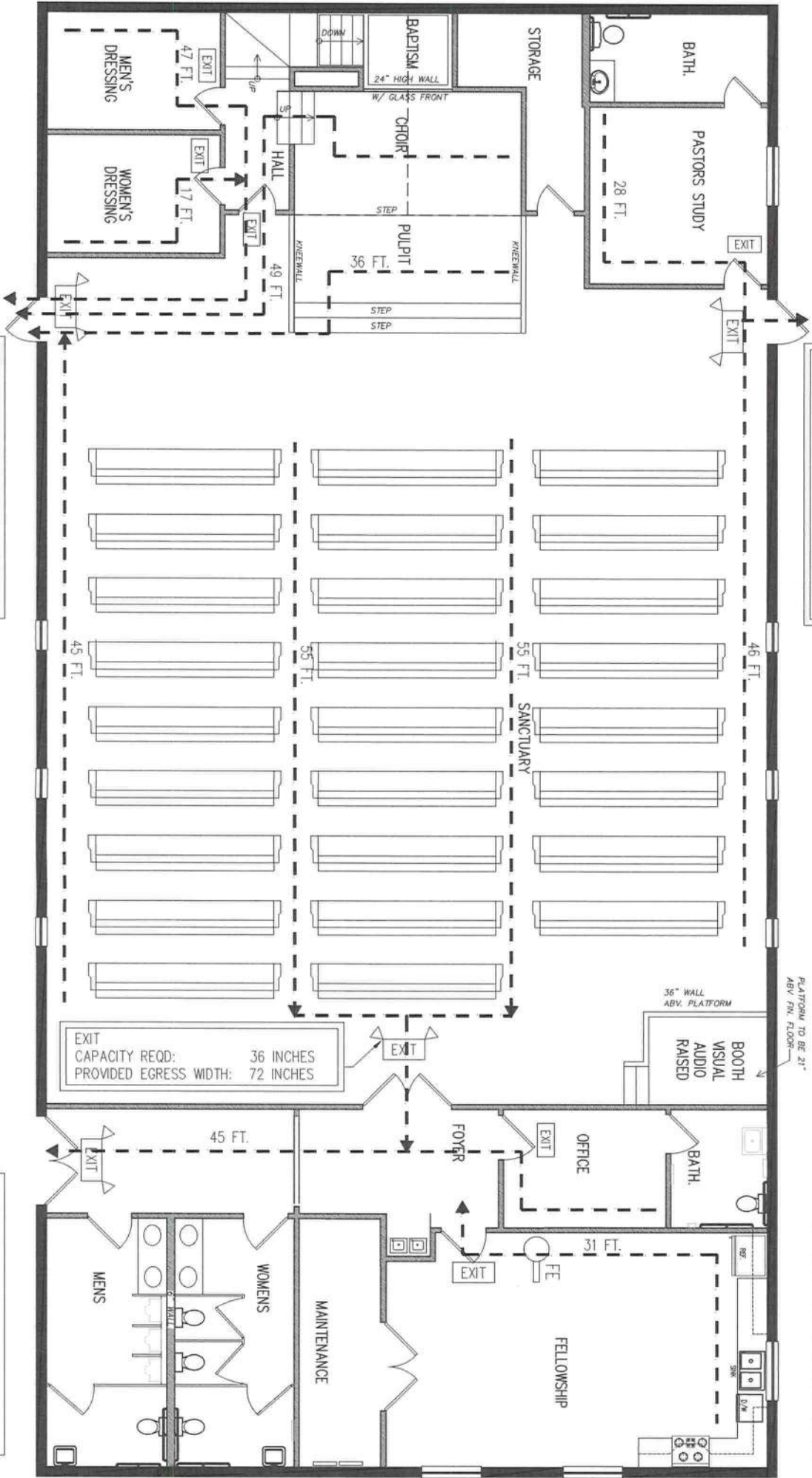
E-04

SHEET 20 OF 26

18 of 26



LIFE SAFETY CALCULATIONS					
NAME	ROOM DIMENSIONS	ROOM AREA (SQ FT)	LOAD OCCUPANCY FACTOR	OCCUPANCY LOAD	MAXIMUM OCCUPANCY
SANCTUARY	51 x 48	2448	18" PER PERSON PER PEW	156.00	156.00
CHOIR STAND	8 x 18	144	18" PER PERSON PER CHAIR	18.00	18.00
PULPIT	8 x 18		7 CHAIRS	7.00	7.00
FELLOWSHIP HALL	17 x 18	306	15	20.40	20.00
OCCUPANCY LOAD					201.00
DOOR LOCATION	FACTOR	OCCUPANCY LOAD	EGRESS WIDTH REQ. (in)	ACTUAL (in)	
SANCTUARY	0.2	156	31.2	36	
RIGHT FRONT	0.2	30	30	36	
LEFT FRONT	0.2	30	30	36	
FELLOWSHIP HALL	0.2	20	30	36	



**LEGEND:**

- EXIT / EMERGENCY LIGHT FIXTURE WITH BATTERY SIGN
- FIRE EXTINGUISHER
- FIRE ALARM PULL BOX
- FIRE ALARM STROBE
- FIRE ALARM SPEAKER
- FIRE SPRINKLER
- FAACP (FIRE ALARM CONTROL PANEL)
- COMMON PATH OF EMERGENCY EGRESS

NOTE:  
ALL EXTERIOR SHOULD HAVE PANIC  
HARDWARE THAT RELEASES THE LATCH  
WHEN FORCE IS APPLIED IN DIRECTION  
OF FORCE

LIFE SAFETY PLAN

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

PROJECT NO.

DATE

REVISION

BY

DESIGNED BY

DRAWN BY

CHECKED BY

REVIEWED BY

DATE

SCALE

3/25/2021

1" = 30'-0"

ANTHONY GEORGE JR PE

CONSULTING ENGINEERS LLC

1108 WILSON DRIVE

LAKE CITY, FL 32055

PHONE: (404) 212-5050 FAX: (404) 212-5051

agj@agjdesign.com

LIFE SAFETY PLAN

REFUGEE CHURCH

791 WILSON STREET

LAKE CITY, FL 32055

LS1.0

24



## ABBREVIATIONS

**NOTE:**  
NOT ALL HVAC SYMBOLS AND ABBREVIATIONS ARE USED.

1. ALL MECHANICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE WHICH INCLUDES THE 2018 INTERNATIONAL MECHANICAL CODES, 2018 ENERGY CONSERVATION CODE AND THE LOCAL CODE AUTHORITY HAVING JURISDICTION.

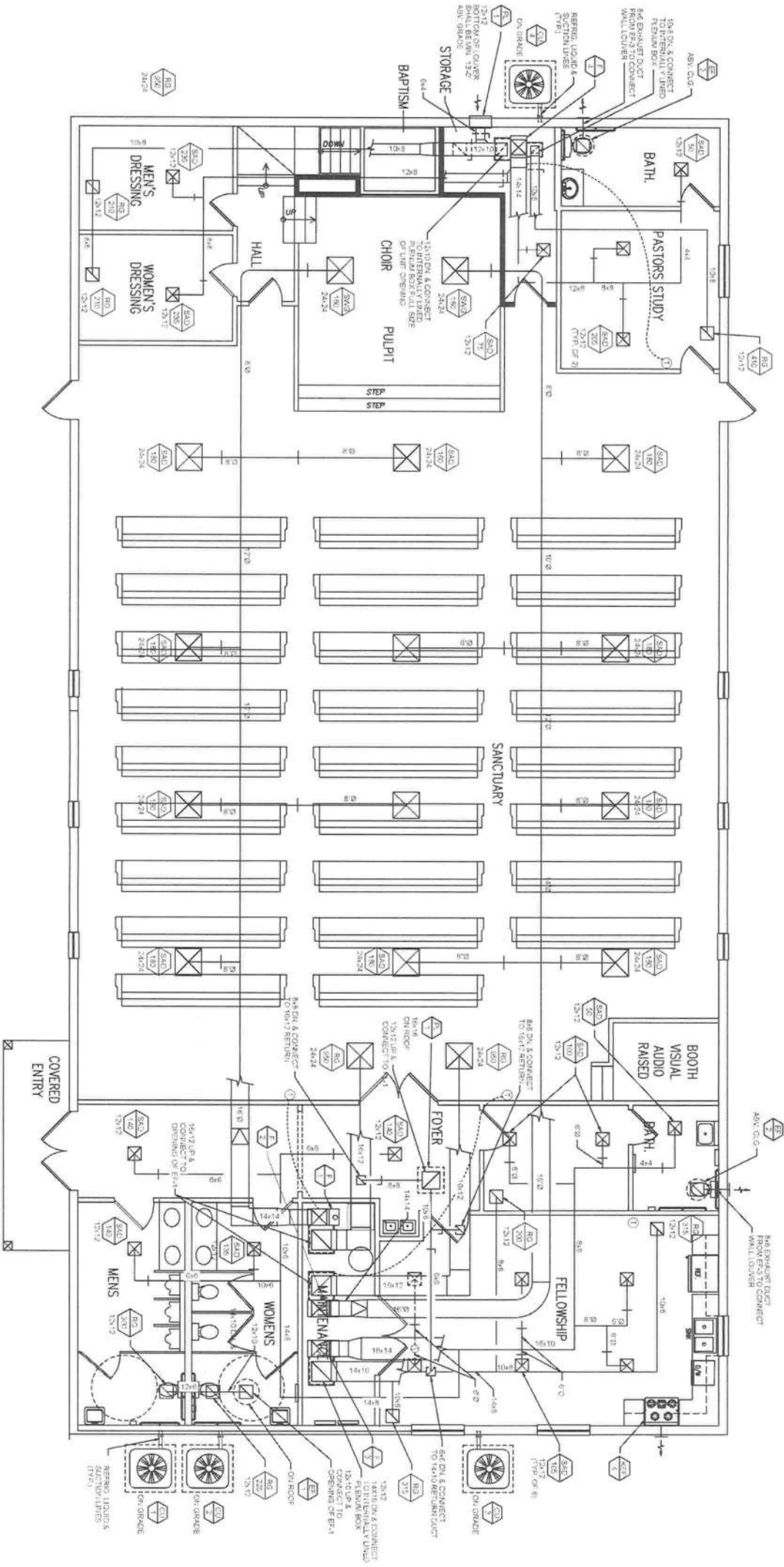
2. CONTRACTOR SHALL PROVIDE ALL ITEMS OF MATERIAL, LABOR, WORK, & EQUIPMENT REQUIRED FOR THE COMPLETE INSTALLATION OF THE MECHANICAL WORK.
3. CONTRACTOR SHALL COORDINATE MECHANICAL WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION AND INSTALLATION.
4. COORDINATE THE SIZE OF ALL WALL OPENINGS, ROOF OPENINGS AND EQUIPMENT PADS, W/ ACTUAL EQUIPMENT PURCHASED.
5. ROUTE FULL SIZE CONDENSATE DRAIN WITH ALL NECESSARY TEARS AND VENTS TO NEAREST FLOOR OR OUTSIDE TO A FRENCH DRAIN FILLED W/ 6" GRAVEL.
6. UNLESS OTHERWISE NOTED, STARTERS, DISCONNECTS, TRANSFORMERS, CONTROLS AND CONTROL WIRING REQUIRED FOR ALL MECHANICAL SYSTEMS SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
7. CONTRACTOR SHALL NOTE THAT THE DRAWINGS ARE DIAGNOSTIC IN NATURE AND DO NOT INDICATE ALL DEFECTS, TRANSITIONS OR OTHER PARTS/ITEMS REQUIRED FOR A COMPLETE HVAC SYSTEM. PROVIDE ALL EQUIPMENT NECESSARY FOR A COMPLETE SYSTEM.
8. CONTRACTOR IS RESPONSIBLE FOR ALL CONTROL, WIRING, THERMOSTATS, CONTROL, TRANSFORMERS, DAMPERS, ETC., NECESSARY TO ACHIEVE THE SEQUENCE OF OPERATION.
9. UOI, ALL DUCTWORK SHALL BE GALVANIZED STEEL, FABRICATED WITH MINIMUM 1" INSULATION, & INSTALLED IN ACCORDANCE WITH SMACNA HANG STANDARDS. ALL DUCT JOINTS SHALL BE SEALED AIR TIGHT UNDER OPERATING PRESSURE.
10. ALL EQUIPMENT SHALL BE UL AND RV APPROVED AND INSTALLED IN ACCORDANCE WITH MERS INSTRUCTIONS AND CODE REQUIREMENTS.
11. GUARANTEE ALL WORK, MATERIALS & EQUIPMENT FOR ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. GUARANTEE SHALL INCLUDE FULL SERVICE, ADJUSTMENTS & REPAIRS AT NO EXPENSE TO THE OWNER.
12. REFRIGERANT LINES SHALL BE TYPE 1, HARD DRAIN CONDENSER W/ SILVER SOLDER JOINTS AND REFRIGERANT LINES SHALL BE TYPE 1, HARD DRAIN CONDENSER W/ SILVER SOLDER JOINTS. REFRIGERANT SUCCTION LINES AND LIQUID LINES WITH MINIMUM 1" ARMSTRONGS ANTI-EXEL.
13. PROVIDE FLEXIBLE CONNECTIONS AT ALL DUCT CONNECTIONS TO ALL AIR HANDLING UNITS(S).
14. UOI, PROVIDE SPINNI DAMPER WITH SCOOP AT EACH DIFFUSER TAKEOFF.
15. DURING CONSTRUCTION ALL HVAC EQUIPMENT SHALL BE PROTECTED FROM DUST, DIRT & CONSTRUCTION DEBRIS. CONSTRUCTION SHALL BE SCHEDULED WITH MINIMUM 1" DUCTWORK TO BEING COATED WITH ALUMINUM FLUORIDE POLYMER AND BACKPACKED WITH INSULATED FIBERGLASS INSULATION.
16. MAKE NO CHANGES WITHOUT THE OWNER'S OR OWNER'S REPRESENTATIVE WRITTEN PERMISSION.
17. VERIFY ALL EQUIPMENT VOLTAGES WITH THE ELECTRICAL DRAWINGS, AND REPORT ANY INCONSISTENCIES TO THE OWNER.
18. PROTECT MECHANICAL EQUIPMENT FROM DAMAGE DURING CONSTRUCTION, WHEN INSTALLATION IS COMPLETE, CLEAN EQUIPMENT AND TOUCH-UP PAINT DAMAGE AREAS.
19. INSTALL ALL EQUIPMENT TO PROVIDE NORMAL SERVICE ACCESS TO ALL COMPONENTS.
20. ALL HVAC EQUIPMENT SHALL BE WIRED BY THE CONTRACTOR TO A DISCONNECT SWITCH SUPPLIED BY THE CONTRACTOR. THE DISCONNECT SWITCH SHALL BE MOUNTED WITHIN SIGHT OF THE UNIT.
21. ANCHORS AND SUPPORTS FOR UNITS AND DUCTWORK SHALL BE PROVIDED BY THE CONTRACTOR.
22. AIDUCTWORK SIZES ARE INSIDE CLEAR FREE AREA AND SHALL BE INCREASED WHERE REQUIRED FOR INSULATION.
23. UOI, INSULATE SUPPLY AND RETURN DUCT WHERE NOTED WITH 1" FIBERGLASS INSULATION WITH NEOPRENE COATING ON 25.50 SQ. FT. INSULATE ROUND ROUNDS W/ 2" DUCTWORK INSULATION. IN THE RATE OF ONE PER 2.50 SQ. FT. INSULATE ROUND ROUNDS W/ 2" DUCTWORK INSULATION.
24. PROVIDE SINGLE THICKNESS TURNING VANES AT ALL ELBOWS AND CHANGES IN DIRECTION.
25. THERMOSTAT(S) SHALL BE MOUNTED AT A HEIGHT OF 5'-0" ABOVE FINISHED FLOOR.
26. SEAL ALL DUCTWORK WITH CLASS C SEALANT.
27. ROOF CURBS SHALL BE PROVIDED WITH THE UNIT(S) AND INSTALLED BY THE CONTRACTOR.
28. THE CONTRACTOR SHALL PROVIDE A COMPLETE TEST AND BALANCE ON THE INSTALLED HVAC SYSTEMS IN ACCORDANCE WITH THE TABO. THE CONTRACTOR SHALL PROVIDE A WRITTEN REPORT TO THE OWNER AND OWNER'S REPRESENTATIVE FOR APPROVAL.
29. ALL FLEXIBLE DUCT SHALL BE INSULATED AND SHALL NOT EXCEED 3'-0" IN LENGTH, WHERE LENGTH ON DRAWINGS EXCEEDS 3'-0". PROVIDE ROUND GALV. STEEL DUCT TO MINIMUM 3'-0".

REFUGE CHURCH OF OUR  
LORD JESUS CHRIST

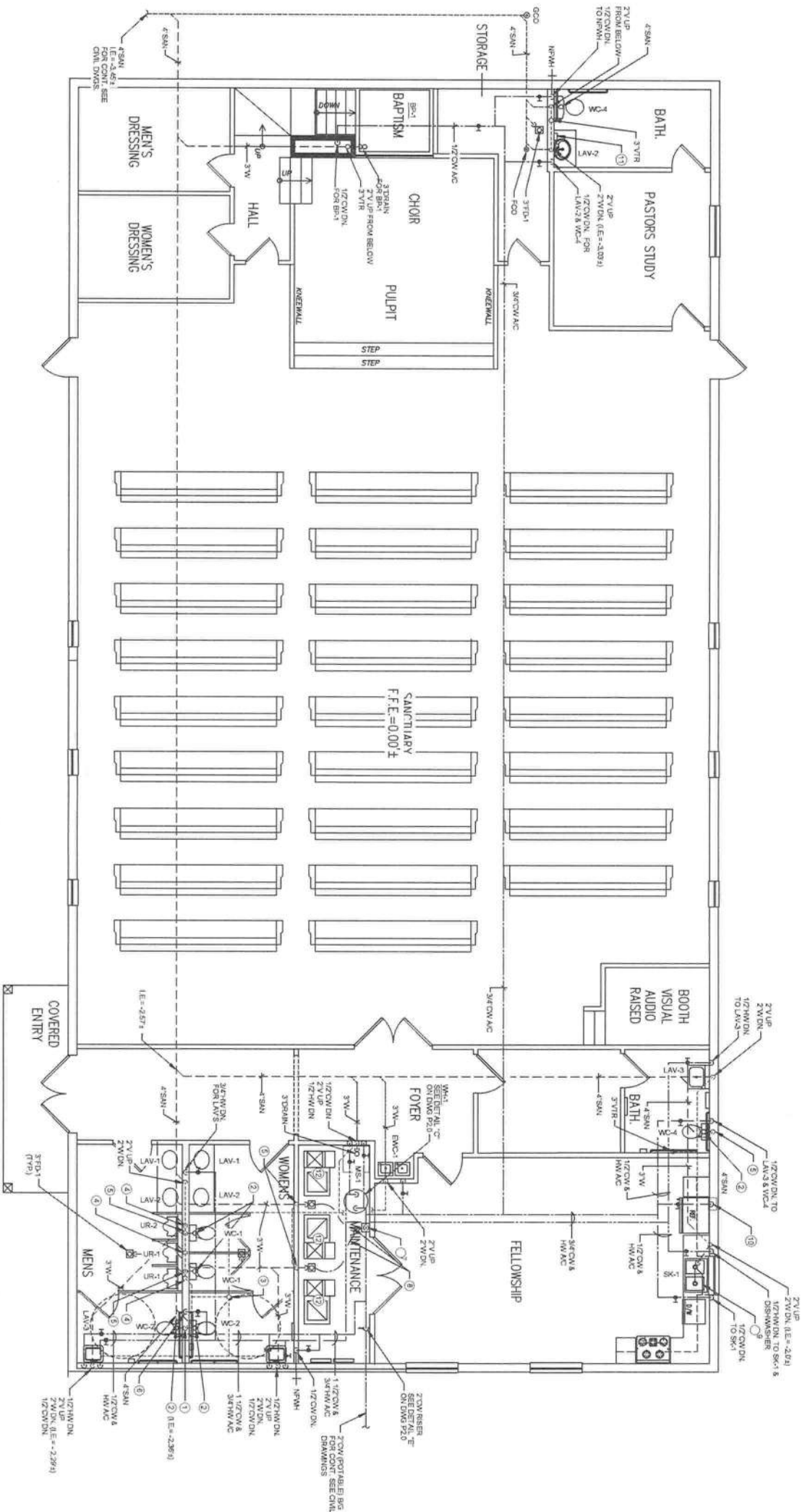


PROJECT NO.	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
REVIEWED BY	
DATE	
SCALE	

DATE	REVISION	BY







- PLUMBING NOTES:**
- 1 2" UP FROM BELOW
  - 2 4" SAN
  - 3 4" VTR
  - 4 2" UP & 3" SAN DN
  - 5 2" UP FROM BELOW
  - 6 1 1/2" COW DN FOR PLUMBING FIXTURES
  - 7 1/2" COW DN TO TRAP PRIMP VALVE W/ D2 OR APPROVED EQUAL
  - 8 1/2" COW DN TO TRAP PRIMP VALVE
  - 9 1/2" COW DN TO TRAP PRIMP VALVE
  - 10 1/2" COW DN TO TRAP PRIMP VALVE
  - 11 1/2" COW DN TO TRAP PRIMP VALVE
  - 12 1/2" COW DN TO TRAP PRIMP VALVE
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**1 PLUMBING FLOOR PLAN**  
Scale of 1/4" equals 1'-0"

PROJECT NO. 3/5/2021  
DATE 3/5/2021  
SCALE 1/4" = 1'-0"

DESIGNED BY A. G.  
DRAWN BY  
CHECKED BY  
REVIEWED BY  
DATE  
SCALE

DATE  
REVISION  
BY

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PLUMBING FLOOR PLAN

REFUGE CHURCH OF OUR LORD JESUS CHRIST  
791 WILSON STREET  
LAKE CITY, FL 32055










































STAMPING NO. P1.0

SHEET 22 OF 28

2018.08.26



## PIPE AND FITTING SYSTEM

	GATE VALVE
	BALL VALVE
	ANGLE GATE VALVE
	ANGLE GLOBE VALVE
	SWING CHECK VALVE
	BUTTERFLY VALVE
	DIAPHRAGM VALVE
	BALL VALVE
	TWO WAY CONTROL VALVE
	THREE WAY CONTROL VALVE
	UNION
	P-TRIP
	ELBOW UP
	ELBOW DN
	RISE OR DROP
	BRANCH CONNECTION
	PRESSING GAUGE WITH COOK THERMOMETER
	TEST PLUG
	REDUCER CONCENTRIC
	REDUCER ECCENTRIC
	REDUCER ECCENTRIC
	REDUCOR ECCENTRIC
	AUTO CLOSE BALANCING VALVE
	PRESSING REDUCING VALVE
	SAFETY OR RELIEF VALVE
	VACUUM RELIEF VALVE
	MANUAL AIR VENT VALVE
	STRAINER Y TYPE WYE VALVE
	VALVE FOR HOSE BIBB
	FLEXIBLE CONNECTION
	EXPANSION JOINT
	QUICK DISCONNECT
	CAPPED END
	WALL HYDRANT
	BACKFLOW PREVENTER
	POINT OF CONNECTION
	WALL CLEAN OUT
	FLOOR DRAIN
	WATER HAMMER ARRESTOR
	DRY SPRINKLER RISER
	WET SPRINKLER RISER

## GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE ALL ITEMS OF MATERIAL, LABOR AND EQUIPMENT REQUIRED FOR THE COMPLETE INSTALLATION OF THE PLUMBING WORK.
2. ALL PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE WHICH IS INCORPORATED BY REFERENCE INTO THE SPECIFICATIONS. THE FLORIDA BUILDING CODE AND THE LOCAL CODE AUTHORITY HAVING JURISDICTION.
3. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL TRADES. PRE-ROUTING SHALL BE DISCUSSANTIAL. PROVIDE ALL OPENINGS, ETC., TO AVOID INTERFERENCE WITH EQUIPMENT. PROVIDE DUCTWORK, LIGHTS, CONDUITS, ETC..
4. COORDINATE ALL STRUCTURAL REINFORCEMENTS WITH GENERAL CONTRACTOR AND STRUCTURAL ENGINEER. PROVIDE ALL REINFORCEMENT FOR WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES.
5. PROVIDE 15'-0" ACCESS STAIRS TO ALL FLOOR, ROOF, TOWER, TANKS AND ALL WATER LOCATED ABOVE OR BELOW THE FLOOR LEVELS.
6. ALL DRAINAGE PIPING SHALL BE CONCEALED INSIDE WALLS AND PRE CHASES OR ABOVE CEILINGS ORIGINATED WITH ARCHITECTURAL DRAWINGS AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION. UNLESS OTHERWISE NOTED. HOLD ALL ABOVE CEILINGS AS HIGH AS POSSIBLE.
7. ALL DRAINAGE PIPING SHALL BE 10'-0" PER FOOT UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL MAKE PIPING CONNECTIONS TO ALL DOMESTIC WATER, GAS, VENT AND SANITARY AS REQUIRED FOR THE PLUMBING SYSTEM.
9. COORDINATE ALL UNDERGROUND PIPING WITH GRADE SEWERS, WALL, FOOTINGS AND OTHER STRUCTURAL CONDITIONS.
10. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION OF ALL PLUMBING FEATURES.
11. COORDINATE FLOOR FINISH LOCATION FOR EQUIPMENT WITH MECHANICAL CONTRACTOR.
12. CONTRACTOR SHALL MAKE WATER CONNECTIONS TO ALL EQUIPMENT INDICATED ON ARCHITECTURAL & PLUMBING DRAWINGS. FINAL CONNECTIONS SHALL INCLUDE ANY ADAPTERS, NIPERS, AIRTIGHT STOPS, SUPPLIES, FLEXES, GASKETS, VALVES, NPTS, SPOCK ASSEMBLERS, BIPS, REGULATOR, ETC., REQUIRED.
13. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS AS REQUIRED BY CODE.
14. CONTRACTOR SHALL OBTAIN ALL PERMITS, TESTS, INSPECTIONS, APPROVALS, ETC., REQUIRED FOR THE PLUMBING SYSTEM.
15. UNLESS OTHERWISE NOTED, ALL GRAVITY LINES SHALL BE INSTALLED WITH INVERTS OF 1'-0" BELOW FINISHED FLOOR AT BEGINNING OF RUN.
16. WATER MAINS SHALL BE TYPE "K" COPPER PIPING WITH COPPER FITTINGS AND 800 IN. LBS. SOLDER JOINTS.
17. ALL SOLDER JOINTS SHALL BE PROTECTED WITH AN ANTI-OXIDANT.
18. SOIL, WASTE AND VENT PIPING SHALL BE HUB-CAST IRON WITH CAST-IRON JOINTS.
19. CONTRACTOR SHALL PERFORM ALL EXAMINATION WORK REQUIRED FOR THE PLUMBING WORK.
20. INSTALL ALL EQUIPMENT AND FITTINGS PER MANUFACTURERS RECOMMENDATIONS.
21. ADAPTERS USED FOR ANY CONNECTION OF COPPER TO STEEL SHALL BE DETECTIVE TYPE.
22. WATER PIPING SYSTEM SHALL BE INSULATED WITH A CERTAINED INSULATION (KLEBERLASH FLESH). UNLESS OTHERWISE NOTED. JOINTS SHALL BE SEALED WITH BUTYL GASKET.
23. DRAIN LINE, RAIN AND AIR SUPPLIES FOR HANDICAP LAVS SHALL BE INSULATED WITH 1/2" H.D. OF WATER FOR 15 MINUTES WITHOUT LOSS OF WATER.
24. THE ENTIRE DRAINAGE SYSTEM WHEN INSTALLED, SHALL BE TESTED WITH 10' FT. HEAD OF WATER FOR 15 MINUTES WITHOUT LOSS OF WATER.
25. THE ENTIRE WATER SYSTEM SHALL BE TESTED AND RUN FOR 24 HOURS UNDER A WATER PRESSURE OF 50% ABOVE THAT THE MAXIMUM PRESSURE OF SUCH SYSTEM AND IN NO CASE LESS THAN 100 PSI.
26. INCLUDE ALL FITTINGS AND HANGERS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION.
27. THE ENTIRE WATER SYSTEM SHALL BE DISINCHARGED WITH CHLORINE FOR 24 HOURS.
28. HANGER TYPES, SPACING AND ROD SIZES SHALL CONFORM TO THE CURRENT LATEST CODE FOR PRESSURE PIPING. NO STEEL HANGERS SHALL COME IN CONTACT WITH COPPER PIPING.
29. PROVIDE SHUT-OFF VALVES AT EACH FLOOR, PRICE OF EQUIPMENT AND RESTROOM.
30. CONTRACTOR SHALL BITE AND PROVIDE WASH ON WATER LINES IN ACCORDANCE WITH FC STANDARD AWWA-2001.

UNLESS OTHERWISE NOTED, HOLD ALL PIPING ABOVE CEILING AS HIGH

- [illegible]

WITH CONNECTION SIZE	MTG. HT.	STANDARD
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WC-1	WATER CLOSET (W)	F	2'	36"	15'	FLOOR MOUNTED - FLUSH VALVE
WC-2	WATER CLOSET (W)	F	2'	36"	15'	FLOOR MOUNTED - FLUSH VALVE
WC-3	WATER CLOSET (W)	F	2'	1/2"	15'	FLOOR MOUNTED - FLUSH TANK
WC-4	WATER CLOSET (W)	F	2'	1/2"	15'	FLOOR MOUNTED - FLUSH TANK
UR-1	URINAL	F	2'	1/2"	24"	WALL MOUNTED - FLUSH VALVE
UR-2	URINAL (W)	F	2'	1/2"	17"	WALL MOUNTED - FLUSH VALVE

PO.1

~~SHAW 21 or 22~~

1982

## PLUMBING ABBREVIATIONS, LEGEND AND NOTES

REFUGE CHURCH OF OUR  
LORD JESUS CHRIST

79 WILSON STREET  
LAKE CITY, 32055

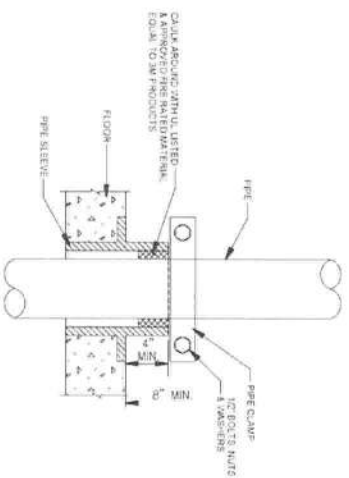
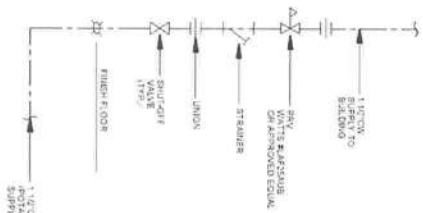
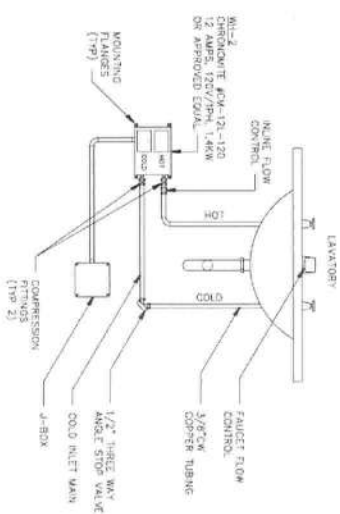
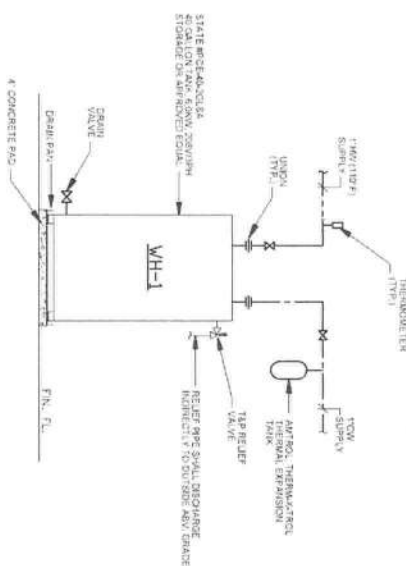
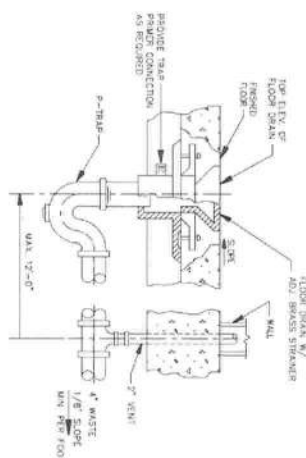
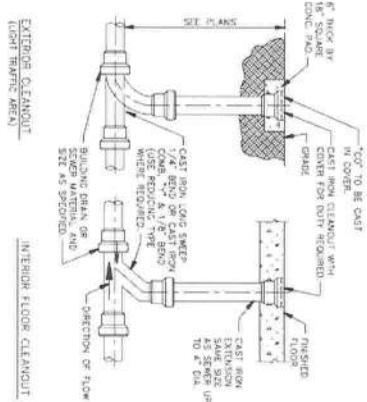


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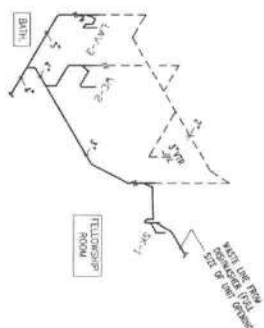
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DESIGNED BY	A. G.
DRAWN BY	
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REVIEWED BY	
DATE	3/5/2021
SCALE	NO SCALE

DATE		REVISION

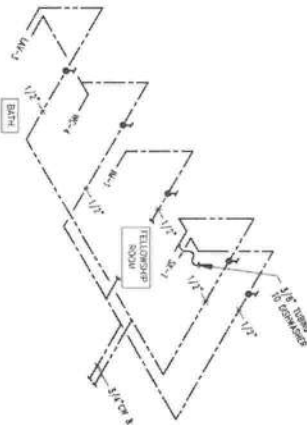
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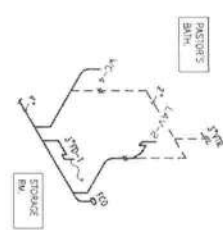
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DESIGNED BY	A. G.			
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SCALE	NO SCALE			



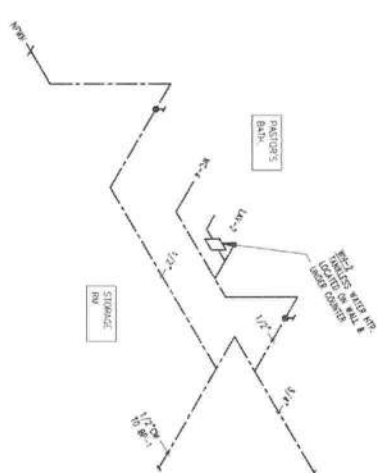
SANITARY/WASTE



POTABLE WATER

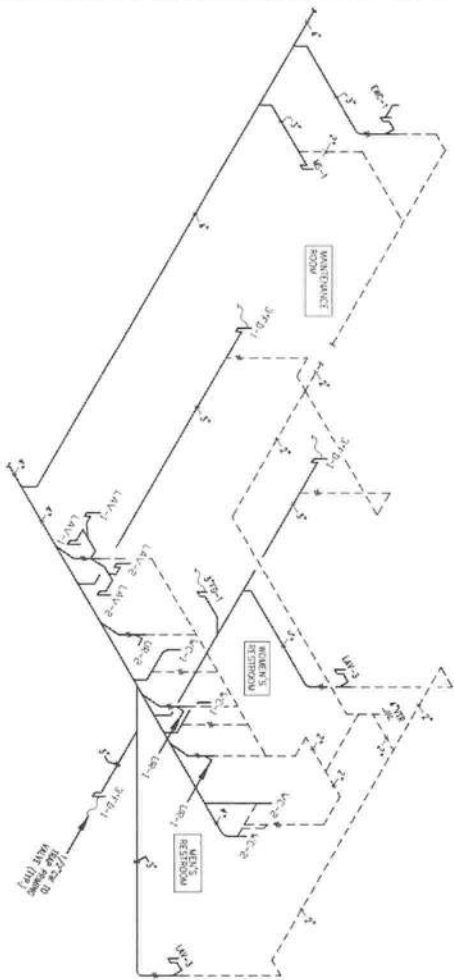


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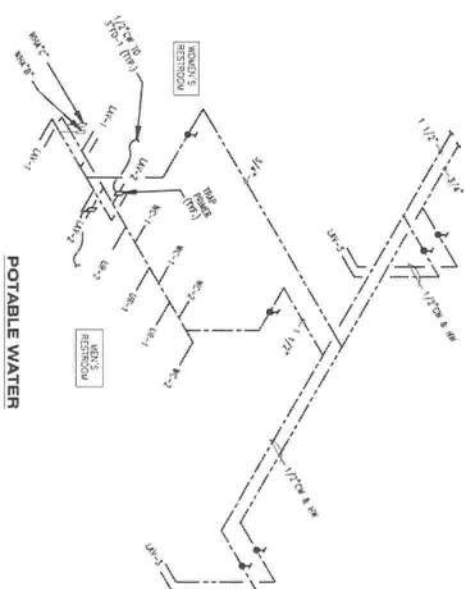


POTABLE WATER

1 RISER DIAGRAMS  
P3.0 / 11/15



SANITARY/WASTE



POTABLE WATER

2 RISER DIAGRAMS  
P3.0 / 11/15



REFUGE CHURCH OF OUR LORD JESUS CHRIST  
701 WILSON STREET  
DAKE CITY, FL 32909

PLUMBING RISER DIAGRAMS

PROJECT NO.	DATE	REVISION	BY
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PLUMBING NO.  
P3.0

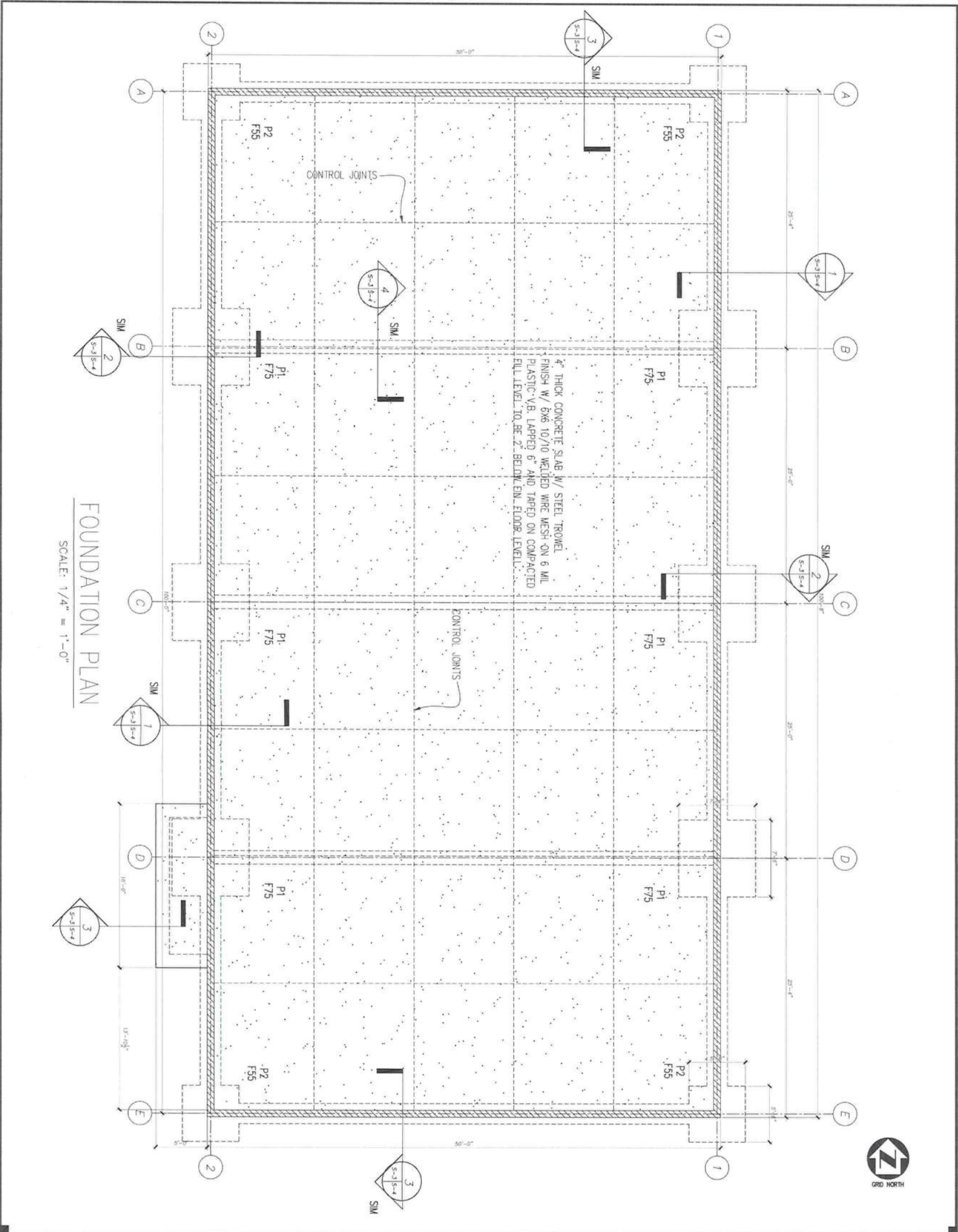
SHEET 28 OF 28  
22



GENERAL NOTES

GENERAL INFORMATION:

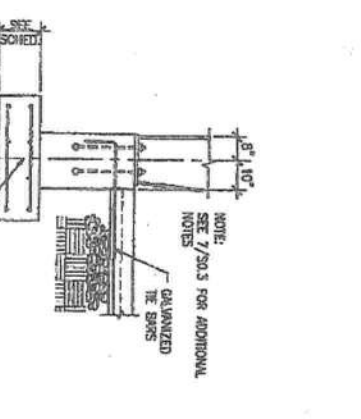
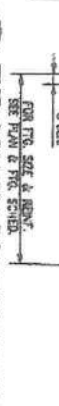
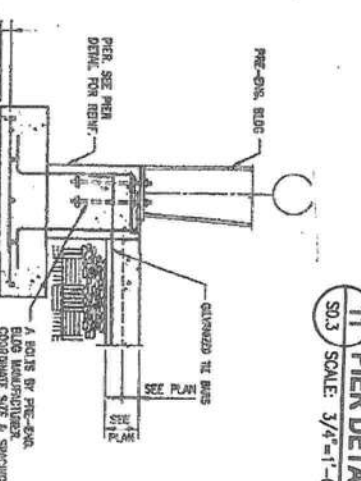
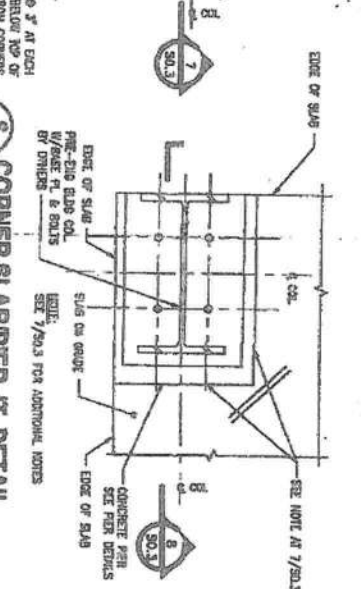
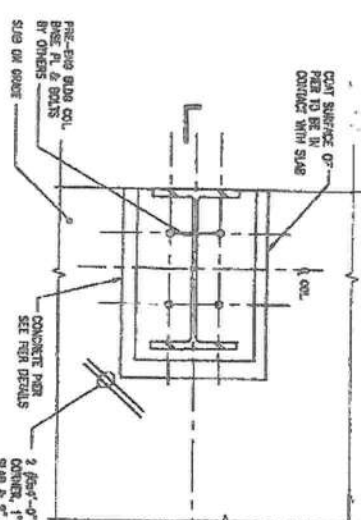
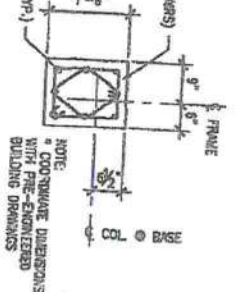
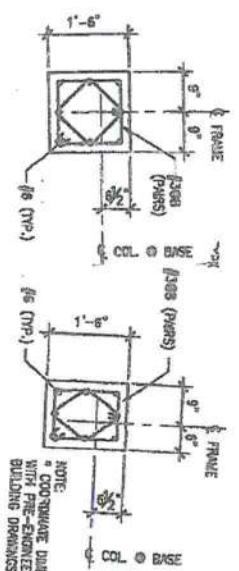
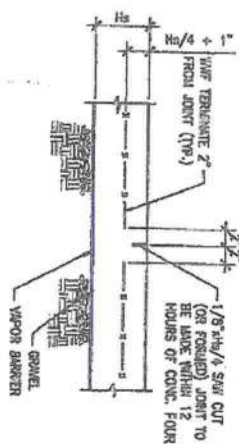
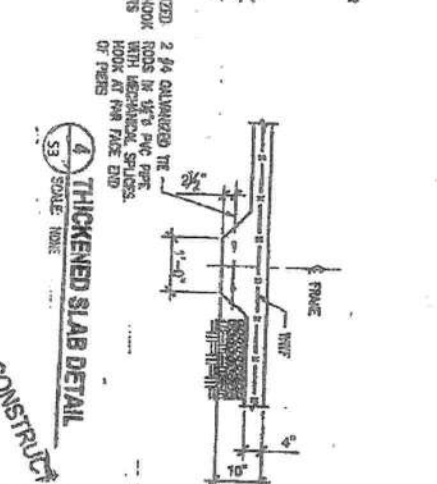
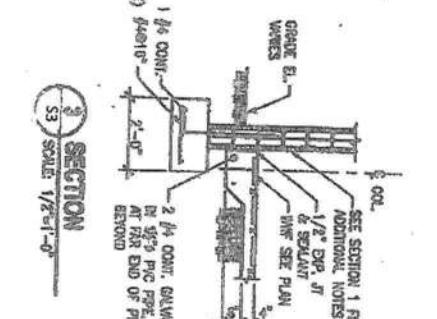
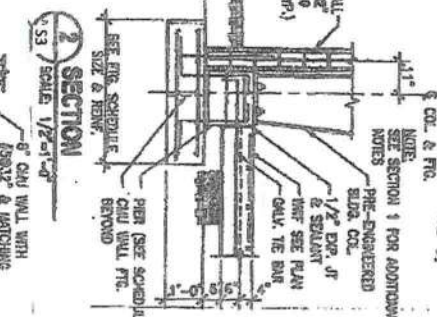
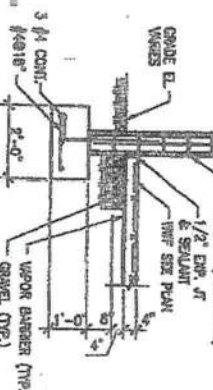
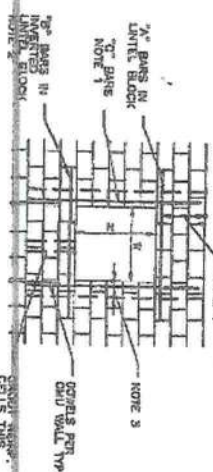
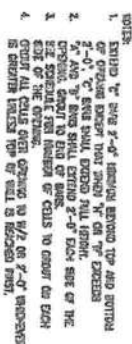
1. THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED STATE. TEMPORARY SHORINGS, SUCH AS TEMPORARY BRACES, RALENSING, CHAIRING OF OTHER ELEMENTS, SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE (IBC) AND THE LATEST GEORGIA STATE REQUIREMENTS.
  2. THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE AND THE LATEST GEORGIA STATE REQUIREMENTS.
  3. BUILDING OCCUPANCY CATEGORY II
  4. DESIGN LOADS ARE AS FOLLOWS:  
DEAD LOAD: 15 PSF  
LIVE LOAD: 20 PSF  
MECHANICAL & ELECTRICAL: 5 PSF  
CEILING: 5 PSF  
WIND LOADS:  
ULTIMATE DESIGN WIND SPEED: 115 MPH  
HURRICANE DESIGN WIND SPEED: 90 MPH  
WIND EXPOSURE CATEGORY: B  
WIND PRESSURE COEFFICIENT: 0.18 (4)  
SECOND: LOADS:  
SD-1 DESIGN SPECTRAL ACCELERATION FOR SHORT PERIOD: 0.20  
SD-1 DESIGN SPECTRAL ACCELERATION FOR 1 SECOND PERIOD: 0.10
  5. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DRAWINGS FOR DETAILS, SIZES, TYPES, ETC., AFFECTING STRUCTURAL WORK NOT SHOWN. SEE TYPICAL DETAILS FOR FINISHING, MAINTENANCE, OPENINGS, ETC., NOT SHOWN. SEE TYPICAL DETAILS FOR FINISHING, MAINTENANCE, OPENINGS, ETC., NOT SHOWN.
  6. CONTRACTOR TO LOCATE ALL BORED UNITS PRIOR TO THE EXCAVATION FOR THE BUILDING FOUNDATIONS. THE STRUCTURAL ENGINEER SHALL PROVIDE FOR THE FOUNDATION DETAILS. THE FOUNDATIONS AND THE BORED UNITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE.
  7. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO ORDERING ANY MATERIALS, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER WHERE CONDITIONS VARY FROM WHAT IS SHOWN ON THE DRAWINGS.
- REINFORCED CONCRETE:
1. THE DESIGN OF CONCRETE STRUCTURAL ELEMENTS INCLUDING WALLS, FORMED SLABS, BEAMS AND COLUMNS IS IN ACCORDANCE WITH ACI 318-05 (BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE).
  2. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301-10, SPECIFICATIONS FOR STRUCTURAL CONCRETE, AS WELL AS TO ACI 318-05.
  3. SHOP DRAWINGS, SHOWING ALL FABRICATION DIMENSIONS AND LOCATIONS FOR PLACING OF THE REINFORCING STEEL AND ACCESSORIES SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION. SHOP DRAWINGS ARE COMPLETED AND REVIEWED.
  4. UNLESS NOTED OTHERWISE, DETAILS OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 318, MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, AND ORS ACI 308-1, MANUAL OF STANDARD PRACTICE, LATEST EDITION.
  5. UNLESS NOTED OTHERWISE, 28 DAY COMPRESSIVE STRENGTH OF CAST-IN-PLACE CONCRETE FOR EACH PORTION OF STRUCTURE SHALL BE 4,000 PSI.
  6. UNLESS NOTED OTHERWISE, CONCRETE COVER FOR REINFORCEMENT SHALL BE AS FOLLOWS:  
CONCRETE CAST AGAINST EARTH  
FORMED CONCRETE EXPOSED TO WEATHER  
REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 UNLESS NOTED OTHERWISE.  
ALL SPACES SHALL CONFORM TO ACI 318, CLASS "B" SPACE AS FOLLOWS UNLESS NOTED OTHERWISE: #4: 2" ; #5: 3" ; #6: 4" ; #7: 5" ; #8: 6" ; #9: 7" ; #10: 8" ; #11: 9" ; #12: 10" ; #13: 11" ; #14: 12" ; #15: 13" ; #16: 14" ; #17: 15" ; #18: 16" ; #19: 17" ; #20: 18" ; #21: 19" ; #22: 20" ; #23: 21" ; #24: 22" ; #25: 23" ; #26: 24" ; #27: 25" ; #28: 26" ; #29: 27" ; #30: 28" ; #31: 29" ; #32: 30" ; #33: 31" ; #34: 32" ; #35: 33" ; #36: 34" ; #37: 35" ; #38: 36" ; #39: 37" ; #40: 38" ; #41: 39" ; #42: 40" ; #43: 41" ; #44: 42" ; #45: 43" ; #46: 44" ; #47: 45" ; #48: 46" ; #49: 47" ; #50: 48" ; #51: 49" ; #52: 50" ; #53: 51" ; #54: 52" ; #55: 53" ; #56: 54" ; #57: 55" ; #58: 56" ; #59: 57" ; #60: 58" ; #61: 59" ; #62: 60" ; #63: 61" ; #64: 62" ; #65: 63" ; #66: 64" ; #67: 65" ; #68: 66" ; #69: 67" ; #70: 68" ; #71: 69" ; #72: 70" ; #73: 71" ; #74: 72" ; #75: 73" ; #76: 74" ; #77: 75" ; #78: 76" ; #79: 77" ; #80: 78" ; #81: 79" ; #82: 80" ; #83: 81" ; #84: 82" ; #85: 83" ; #86: 84" ; #87: 85" ; #88: 86" ; #89: 87" ; #90: 88" ; #91: 89" ; #92: 90" ; #93: 91" ; #94: 92" ; #95: 93" ; #96: 94" ; #97: 95" ; #98: 96" ; #99: 97" ; #100: 98" ; #101: 99" ; #102: 100" ; #103: 101" ; #104: 102" ; #105: 103" ; #106: 104" ; #107: 105" ; #108: 106" ; #109: 107" ; #110: 108" ; #111: 109" ; #112: 110" ; #113: 111" ; #114: 112" ; #115: 113" ; #116: 114" ; #117: 115" ; #118: 116" ; #119: 117" ; #120: 118" ; #121: 119" ; #122: 120" ; #123: 121" ; #124: 122" ; #125: 123" ; #126: 124" ; #127: 125" ; #128: 126" ; #129: 127" ; #130: 128" ; #131: 129" ; #132: 130" ; #133: 131" ; #134: 132" ; #135: 133" ; #136: 134" ; #137: 135" ; #138: 136" ; #139: 137" ; #140: 138" ; #141: 139" ; #142: 140" ; #143: 141" ; #144: 142" ; #145: 143" ; #146: 144" ; #147: 145" ; #148: 146" ; #149: 147" ; #150: 148" ; #151: 149" ; #152: 150" ; #153: 151" ; #154: 152" ; #155: 153" ; #156: 154" ; #157: 155" ; #158: 156" ; #159: 157" ; #160: 158" ; #161: 159" ; #162: 160" ; #163: 161" ; #164: 162" ; #165: 163" ; #166: 164" ; #167: 165" ; #168: 166" ; #169: 167" ; #170: 168" ; #171: 169" ; #172: 170" ; #173: 171" ; #174: 172" ; #175: 173" ; #176: 174" ; #177: 175" ; #178: 176" ; #179: 177" ; #180: 178" ; #181: 179" ; #182: 180" ; #183: 181" ; #184: 182" ; #185: 183" ; #186: 184" ; #187: 185" ; #188: 186" ; #189: 187" ; #190: 188" ; #191: 189" ; #192: 190" ; #193: 191" ; #194: 192" ; #195: 193" ; #196: 194" ; #197: 195" ; #198: 196" ; #199: 197" ; #200: 198" ; #201: 199" ; #202: 200" ; #203: 201" ; #204: 202" ; #205: 203" ; #206: 204" ; #207: 205" ; #208: 206" ; #209: 207" ; #210: 208" ; #211: 209" ; #212: 210" ; #213: 211" ; #214: 212" ; #215: 213" ; #216: 214" ; #217: 215" ; #218: 216" ; #219: 217" ; #220: 218" ; #221: 219" ; #222: 220" ; #223: 221" ; #224: 222" ; #225: 223" ; #226: 224" ; #227: 225" ; #228: 226" ; #229: 227" ; #230: 228" ; #231: 229" ; #232: 230" ; #233: 231" ; #234: 232" ; #235: 233" ; #236: 234" ; #237: 235" ; #238: 236" ; #239: 237" ; #240: 238" ; #241: 239" ; #242: 240" ; #243: 241" ; #244: 242" ; #245: 243" ; #246: 244" ; #247: 245" ; #248: 246" ; #249: 247" ; #250: 248" ; #251: 249" ; #252: 250" ; #253: 251" ; #254: 252" ; #255: 253" ; #256: 254" ; #257: 255" ; #258: 256" ; #259: 257" ; #260: 258" ; #261: 259" ; #262: 260" ; #263: 261" ; #264: 262" ; #265: 263" ; #266: 264" ; #267: 265" ; #268: 266" ; #269: 267" ; #270: 268" ; #271: 269" ; #272: 270" ; #273: 271" ; #274: 272" ; #275: 273" ; #276: 274" ; #277: 275" ; #278: 276" ; #279: 277" ; #280: 278" ; #281: 279" ; #282: 280" ; #283: 281" ; #284: 282" ; #285: 283" ; #286: 284" ; #287: 285" ; #288: 286" ; #289: 287" ; #290: 288" ; #291: 289" ; #292: 290" ; #293: 291" ; #294: 292" ; #295: 293" ; #296: 294" ; #297: 295" ; #298: 296" ; #299: 297" ; #300: 298" ; #301: 299" ; #302: 300" ; #303: 301" ; #304: 302" ; #305: 303" ; #306: 304" ; #307: 305" ; #308: 306" ; #309: 307" ; #310: 308" ; #311: 309" ; #312: 310" ; #313: 311" ; #314: 312" ; #315: 313" ; #316: 314" ; #317: 315" ; #318: 316" ; #319: 317" ; #320: 318" ; #321: 319" ; #322: 320" ; #323: 321" ; #324: 322" ; #325: 323" ; #326: 324" ; #327: 325" ; #328: 326" ; #329: 327" ; #330: 328" ; #331: 329" ; #332: 330" ; #333: 331" ; #334: 332" ; #335: 333" ; #336: 334" ; #337: 335" ; #338: 336" ; #339: 337" ; #340: 338" ; #341: 339" ; #342: 340" ; #343: 341" ; #344: 342" ; #345: 343" ; #346: 344" ; #347: 345" ; #348: 346" ; #349: 347" ; #350: 348" ; #351: 349" ; #352: 350" ; #353: 351" ; #354: 352" ; #355: 353" ; #356: 354" ; #357: 355" ; #358: 356" ; #359: 357" ; #360: 358" ; #361: 359" ; #362: 360" ; #363: 361" ; #364: 362" ; #365: 363" ; #366: 364" ; #367: 365" ; #368: 366" ; #369: 367" ; #370: 368" ; #371: 369" ; #372: 370" ; #373: 371" ; #374: 372" ; #375: 373" ; #376: 374" ; #377: 375" ; #378: 376" ; #379: 377" ; #380: 378" ; #381: 379" ; #382: 380" ; #383: 381" ; #384: 382" ; #385: 383" ; #386: 384" ; #387: 385" ; #388: 386" ; #389: 387" ; #390: 388" ; #391: 389" ; #392: 390" ; #393: 391" ; #394: 392" ; #395: 393" ; #396: 394" ; #397: 395" ; #398: 396" ; #399: 397" ; #400: 398" ; #401: 399" ; #402: 400" ; #403: 401" ; #404: 402" ; #405: 403" ; #406: 404" ; #407: 405" ; #408: 406" ; #409: 407" ; #410: 408" ; #411: 409" ; #412: 410" ; #413: 411" ; #414: 412" ; #415: 413" ; #416: 414" ; #417: 415" ; #418: 416" ; #419: 417" ; #420: 418" ; #421: 419" ; #422: 420" ; #423: 421" ; #424: 422" ; #425: 423" ; #426: 424" ; #427: 425" ; #428: 426" ; #429: 427" ; #430: 428" ; #431: 429" ; #432: 430" ; #433: 431" ; #434: 432" ; #435: 433" ; #436: 434" ; #437: 435" ; #438: 436" ; #439: 437" ; #440: 438" ; #441: 439" ; #442: 440" ; #443: 441" ; #444: 442" ; #445: 443" ; #446: 444" ; #447: 445" ; #448: 446" ; #449: 447" ; #450: 448" ; #451: 449" ; #452: 450" ; #453: 451" ; #454: 452" ; #455: 453" ; #456: 454" ; #457: 455" ; #458: 456" ; #459: 457" ; #460: 458" ; #461: 459" ; #462: 460" ; #463: 461" ; #464: 462" ; #465: 463" ; #466: 464" ; #467: 465" ; #468: 466" ; #469: 467" ; #470: 468" ; #471: 469" ; #472: 470" ; #473: 471" ; #474: 472" ; #475: 473" ; #476: 474" ; #477: 475" ; #478: 476" ; #479: 477" ; #480: 478" ; #481: 479" ; #482: 480" ; #483: 481" ; #484: 482" ; #485: 483" ; #486: 484" ; #487: 485" ; #488: 486" ; #489: 487" ; #490: 488" ; #491: 489" ; #492: 490" ; #493: 491" ; #494: 492" ; #495: 493" ; #496: 494" ; #497: 495" ; #498: 496" ; #499: 497" ; #500: 498" ; #501: 499" ; #502: 500" ; #503: 501" ; #504: 502" ; #505: 503" ; #506: 504" ; #507: 505" ; #508: 506" ; #509: 507" ; #510: 508" ; #511: 509" ; #512: 510" ; #513: 511" ; #514: 512" ; #515: 513" ; #516: 514" ; #517: 515" ; #518: 516" ; #519: 517" ; #520: 518" ; #521: 519" ; #522: 520" ; #523: 521" ; #524: 522" ; #525: 523" ; #526: 524" ; #527: 525" ; #528: 526" ; #529: 527" ; #530: 528" ; #531: 529" ; #532: 530" ; #533: 531" ; #534: 532" ; #535: 533" ; #536: 534" ; #537: 535" ; #538: 536" ; #539: 537" ; #540: 538" ; #541: 539" ; #542: 540" ; #543: 541" ; #544: 542" ; #545: 543" ; #546: 544" ; #547: 545" ; #548: 546" ; #549: 547" ; #550: 548" ; #551: 549" ; #552: 550" ; #553: 551" ; #554: 552" ; #555: 553" ; #556: 554" ; #557: 555" ; #558: 556" ; #559: 557" ; #560: 558" ; #561: 559" ; #562: 560" ; #563: 561" ; #564: 562" ; #565: 563" ; #566: 564" ; #567: 565" ; #568: 566" ; #569: 567" ; #570: 568" ; #571: 569" ; #572: 570" ; #573: 571" ; #574: 572" ; #575: 573" ; #576: 574" ; #577: 575" ; #578: 576" ; #579: 577" ; #580: 578" ; #581: 579" ; #582: 580" ; #583: 581" ; #584: 582" ; #585: 583" ; #586: 584" ; #587: 585" ; #588: 586" ; #589: 587" ; #590: 588" ; #591: 589" ; #592: 590" ; #593: 591" ; #594: 592" ; #595: 593" ; #596: 594" ; #597: 595" ; #598: 596" ; #599: 597" ; #600: 598" ; #601: 599" ; #602: 600" ; #603: 601" ; #604: 602" ; #605: 603" ; #606: 604" ; #607: 605" ; #608: 606" ; #609: 607" ; #610: 608" ; #611: 609" ; #612: 610" ; #613: 611" ; #614: 612" ; #615: 613" ; #616: 614" ; #617: 615" ; #618: 616" ; #619: 617" ; #620: 618" ; #621: 619" ; #622: 620" ; #623: 621" ; #624: 622" ; #625: 623" ; #626: 624" ; #627: 625" ; #628: 626" ; #629: 627" ; #630: 628" ; #631: 629" ; #632: 630" ; #633: 631" ; #634: 632" ; #635: 633" ; #636: 634" ; #637: 635" ; #638: 636" ; #639: 637" ; #640: 638" ; #641: 639" ; #642: 640" ; #643: 641" ; #644: 642" ; #645: 643" ; #646: 644" ; #647: 645" ; #648: 646" ; #649: 647" ; #650: 648" ; #651: 649" ; #652: 650" ; #653: 651" ; #654: 652" ; #655: 653" ; #656: 654" ; #657: 655" ; #658: 656" ; #659: 657" ; #660: 658" ; #661: 659" ; #662: 660" ; #663: 661" ; #664: 662" ; #665: 663" ; #666: 664" ; #667: 665" ; #668: 666" ; #669: 667" ; #670: 668" ; #671: 669" ; #672: 670" ; #673: 671" ; #674: 672" ; #675: 673" ; #676: 674" ; #677: 675" ; #678: 676" ; #679: 677" ; #680: 678" ; #681: 679" ; #682: 680" ; #683: 681" ; #684: 682" ; #685: 683" ; #686: 684" ; #687: 685" ; #688: 686" ; #689: 687" ; #690: 688" ; #691: 689" ; #692: 690" ; #693: 691" ; #694: 692" ; #695: 693" ; #696: 694" ; #697: 695" ; #698: 696" ; #699: 697" ; #700: 698" ; #701: 699" ; #702: 700" ; #703: 701" ; #704: 702" ; #705: 703" ; #706: 704" ; 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#1014: 1012" ; #1015: 1013" ; #1016: 1014" ; #1017: 1015" ; #1018: 1016" ; #1019: 1017" ; #1020: 1018" ; #1021: 1019" ; #1022: 1020" ; #1023: 1021" ; #1024: 1022" ; #1025: 1023" ; #1026: 1024" ; #1027: 1025" ; #1028: 1026" ; #1029: 1027" ; #1030: 1028" ; #1031: 1029" ; #1032: 1030" ; #1033: 1031" ; #1034: 1032" ; #1035: 1033" ; #1036: 1034" ; #1037: 1035" ; #1038: 1036" ; #1039: 1037" ; #1040: 1038" ; #1041: 1039" ; #1042: 1040" ; #



DRAWING NO.		PROJECT NO.		DATE		REVISION		BY		FOUNDATION PLAN		REFUGEE CHURCH	
S3.0		A. G.										791 WILSON STREET	
SHEET 14 OF 28		A. U.										LAKE CITY, FL 32055	
ANTHONY GEORGE JR. PE		DATE		4/5/2021		AS SHOWN							
CONSULTING ENGINEER LLC		SCALE											
138 HILTON DRIVE													
LAKE CITY, FL 32055													
PHONE: (407) 252-5050 FAX: (407) 252-5051													
hyatt@hyattpe.com													

120826  
120828  
12



[illegible]

FOOTING SCHEDULE		
FOOTING TYPE	SIZE	REIN.
F35	5'-6" H <sup>2</sup> - 6"x1'-8"	6 #3 E.W., BOT. 6 #4 E.W., TOP
F75	7'-6"x1'-8"	8 #6 E.W., BOT. 7 #5 E.W., TOP

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15 of 22