

RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE

FOR:

RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER INC.

4250 SAINT ANDREWS STREET MARIANNA, FLORIDA

PROJECT INFORMATION

OCCUPANCY CLASSIFICATION — MAIN LEVEL — BUSINESS GROUP B
SECOND LEVEL — ASSEMBLY GROUP A-3

CONSTRUCTION TYPE — TYPE V (5) B

BUILDING SQUARE FOOTAGE
— EXISTING MAIN LEVEL = 2,079 S.F.
— EXISTING SECOND LEVEL = 2,079 S.F.
— MAIN LEVEL ADDITION = 349 S.F.
— SECOND LEVEL ADDITION = 258 S.F.
— TOTAL S.F. = 4,765 S.F.

OCCUPANT LOAD — 1ST FLOOR — (13) PERSONS
2ND FLOOR — (79) PERSONS

EXIT ACCESS TRAVEL DISTANCE —

MIN. # OF EXITS — (2) PER FLOOR REQUIRED / PROVIDED

AUTOMATIC FIRE PROTECTION —
SPRINKLER SYSTEM

FIRE ALARM SYSTEM — REQUIRED / PROVIDED

PORTABLE FIRE EXTINGUISHERS — REQUIRED / PROVIDED

CORRIDOR RATING —

PROJECT DESIGN LOADS

ROOF LIVE LOAD — 20 P.S.F.

WIND LOAD CRITERIA (AS PER ASCE 7-22 - (3) SECOND GUST)

BUILDING RISK CATEGORY — II
ULTIMATE WIND SPEED = 125 MPH
EXPOSURE CATEGORY — B
INTERNAL PRESSURE COEFFICIENT - GC_{pi} = +/- 0.18 (ENCLOSED)

CODES

FLORIDA BUILDING CODE, EXISTING BUILDING (FBC-EB) 2023 EIGHTH EDITION
FLORIDA BUILDING CODE, BUILDING (FBC-B) 2023 EIGHTH EDITION
FLORIDA BUILDING CODE, MECHANICAL (FBC-M) 2023 EIGHTH EDITION
FLORIDA BUILDING CODE, PLUMBING (FBC-P) 2023 EIGHTH EDITION
FLORIDA FIRE PREVENTION CODE (FFPC) 2023 EIGHTH EDITION
NATIONAL ELECTRICAL CODE (NEC) (EIGHTH EDITION)

PROJECT ABBREVIATIONS

A/C	AIR CONDITIONING	EOR	EDGE OF ROOF
AFF	ABOVE FINISH FLOOR	GALV	GALVANIZED
ALUM	ALUMINUM	HVAC	HEATING, VENTILATION, & A/C
CONC	CONCRETE	MTD.	MOUNTED
COND	CONDENSING	N.I.C.	NOT IN CONTRACT
CONN	CONNECTION	RD	ROOF DRAIN
CONT	CONTINUOUS	SCHED	SCHEDULE
CORR	CORRIDOR	SHT	SHEET
DET	DETAIL	SIM	SIMILAR
DWG	DRAWING	TYP	TYPICAL
EF	EXHAUST FAN	UNO	UNLESS NOTED OTHERWISE
ELEV	ELEVATION		
ELEC	ELECTRICAL		

PROJECT DIRECTORY

OWNER ■ RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER INC.
PHILLIP SYLVESTER — OWNER REP.

DESIGN ARCHITECT / A.O.R. ■ DONOFRO ARCHITECTS
2910 CALEDONIA ST. MARIANNA, FLORIDA
(850) 482-5261
PAUL DONOFRO JR. AIA — ARCHITECT — A.O.R. — AR0011148

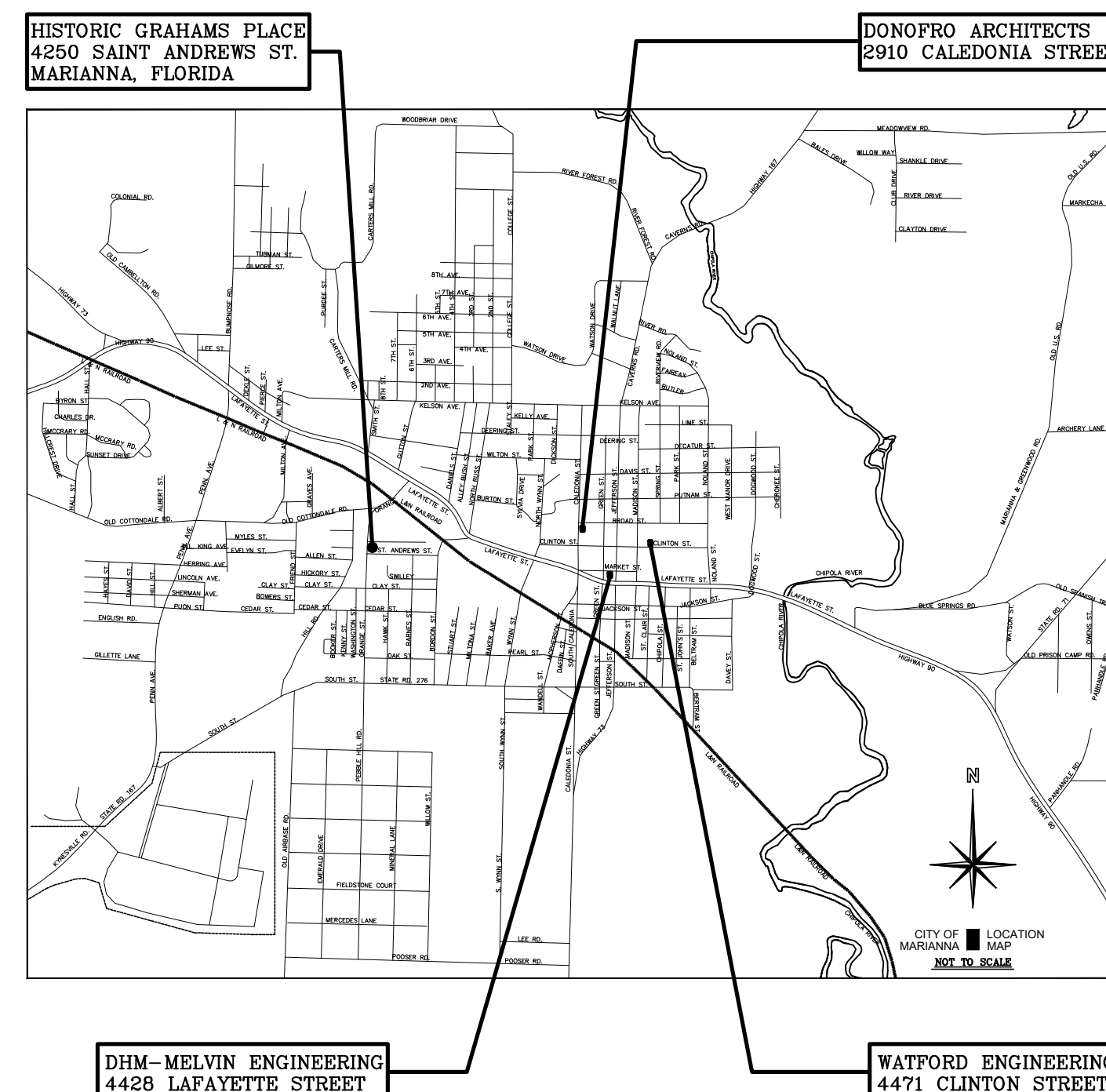
PRESERVATION ARCHITECT ■ R.E.G. ARCHITECTS
120 S. OLIVE AVE. WEST PALM BEACH, FLORIDA 33401
(561) 659-2383
RICK GONZALEZ — ARCHITECT

CIVIL ENGINEER ■ D.H.M./MELVIN ENGINEERING
4428 LAFAYETTE ST. MARIANNA, FLORIDA
(850) 482-3045

STRUCTURAL ENGINEER ■ D.H.M./MELVIN ENGINEERING
4428 LAFAYETTE ST. MARIANNA, FLORIDA
(850) 482-3045

MECHANICAL ENGINEER ■ WATFORD ENGINEERING INC.
4471 CLINTON ST. MARIANNA, FLORIDA
(850) 482-5261

ELECTRICAL ENGINEER ■ WATFORD ENGINEERING INC.
4471 CLINTON ST. MARIANNA, FLORIDA
(850) 482-5261



INDEX TO DRAWINGS		
SECTION NAME	SHT. No.	CONTENTS
COVER		INDEX OF DRAWINGS * PROJECT DIRECTORY * PROJECT LOCATION
CIVIL	C-1.0	EXISTING CONDITIONS & DEMOLITION PLAN
	C-2.0	SITE & DIMENSION PLAN
	C-3.0	GRADING & DRAINAGE PLAN
	C-4.0	UTILITY PLAN
	C-5.0	STORMWATER POLLUTION PREVENTION PLAN
	C-6.0	SITE DETAILS
	L-1.0	LANDSCAPE PLAN
ARCHITECTURAL	D-1.0	DEMOLITION FLOOR PLANS * DEMOLITION NOTES
	D-2.0	DEMOLITION EXTERIOR ELEVATIONS * DEMOLITION NOTES
	A-1.0	NEW WORK FLOOR PLAN * FLOOR PLAN * LEGEND * CONSTRUCTION NOTES
	A-1.1	PARTIAL ENLARGED FLOOR PLANS * INTERIOR ELEV. * KITCHEN EQUIPMENT SCHED.
	A-1.2	LIFE SAFETY PLANS * LEGENDS * NOTES
	A-2.0	ROOM FINISH SCHEDULE * DOOR SCHEDULE * DOOR TYPES * DOOR FRAME TYPES
	A-3.0	EXTERIOR ELEVATIONS
	A-4.0	ROOF PLAN
	A-5.0	REFLECTED CEILING PLANS * LEGEND
	A-6.0	TRANSVERSE BUILDING SECTION * CONSTRUCTION SECTIONS * DETAILS
	A-6.1	TRANSVERSE BUILDING SECTION * DETAILS
	A-6.2	CONSTRUCTION SECTION * DETAILS
STRUCTURAL	S001	NOTES
	S002	WINDLOAD DIAGRAM
	S100	FOUNDATION PLAN
	S200	FRAMING PLANS
	S300	FOUNDATION DETAILS
	S400	FRAMING DETAILS
	S500	MASONRY & CONCRETE DETAILS
MECHANICAL	M-0.1	HVAC LEGEND, SCHEDULES, & NOTES
	M-0.2	HVAC SCHEDULES
	M-1.1	HVAC FLOOR PLANS
	M-2.1	HVAC DETAILS, SCHEDULES, & NOTES
	M-2.2	HVAC DETAILS, SCHEDULES, & NOTES
ELECTRICAL	E-0.1	GENERAL NOTES, LEGEND, & DETAILS
	E-0.2	PANEL SCHEDULE & POWER RISER DIAGRAM
	E-1.1	ELECTRICAL POWER PLAN
	E-3.1	FIRE ALARM PLAN
PLUMBING	P-0.1	PLUMBING LEGEND, SCHEDULE, NOTES, & DETAILS
	P-0.2	PLUMBING DETAILS
	P-0.3	PLUMBING SPECIFICATIONS, & DETAILS
	P-1.1	PLUMBING SANITARY FLOOR PLANS
	P-1.2	PLUMBING DOMESTIC WATER FLOOR PLANS
	P-2.1	PLUMBING RISER DIAGRAMS

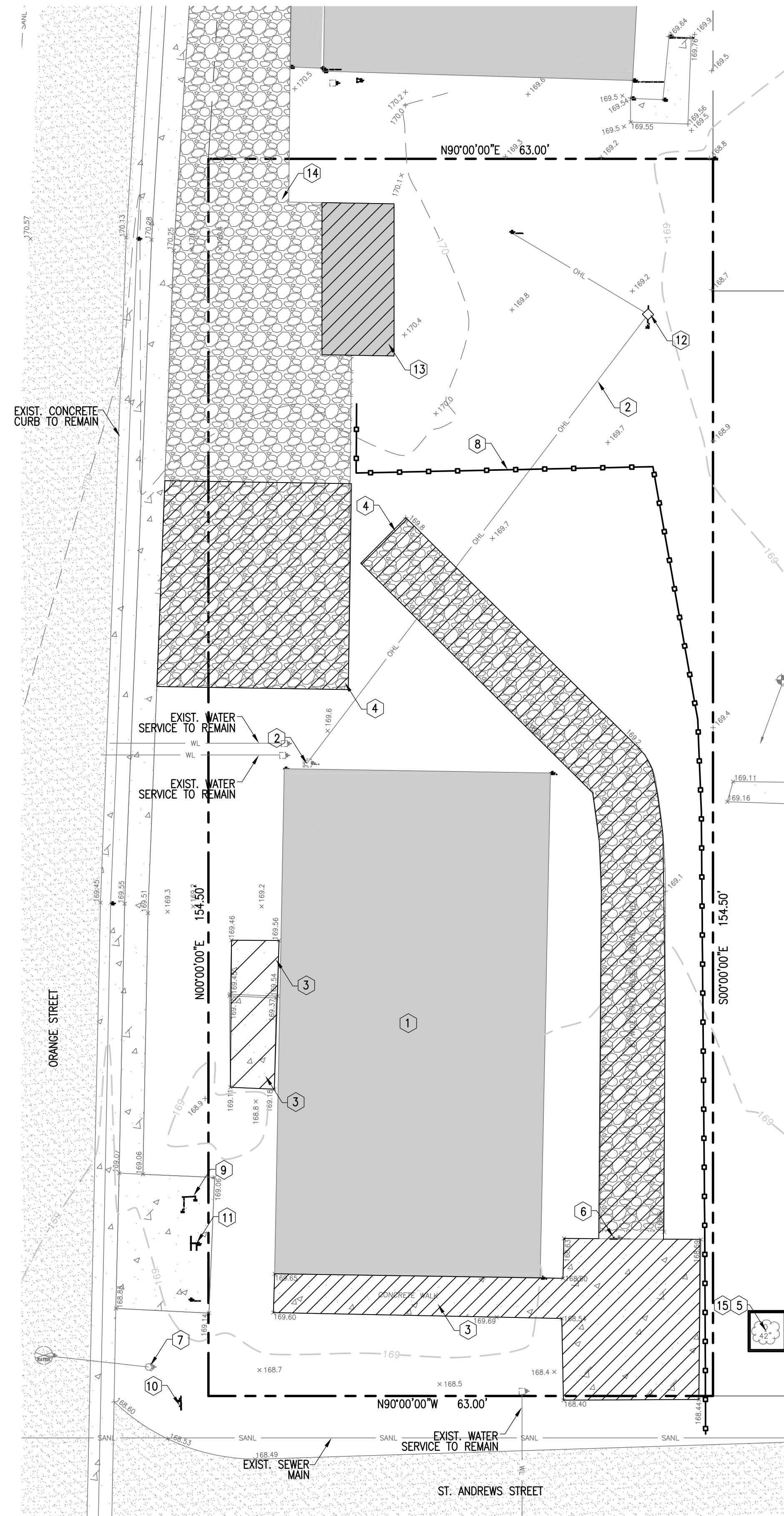


DHM MELVIN ENGINEERING
D.H.M./MELVIN ENGINEERING ■
 4428 LAFAYETTE MARIANNA, FLORIDA (850) 482-3045

REG ARCHITECTS since 1988
R.E.G. ARCHITECTS ■
 120 SOUTH OLIVE AVE. WEST PALM BEACH, FLORIDA (561) 659-2383

DONOFRO ARCHITECTS ■
 2910 CALEDONIA MARIANNA, FLORIDA (850) 482-5261

JOB NUMBER: M-2022-21
 NOVEMBER 11TH, 2024
 CONSTRUCTION SET # _____
 REVIEW DRAWINGS NOT FOR CONSTRUCTION

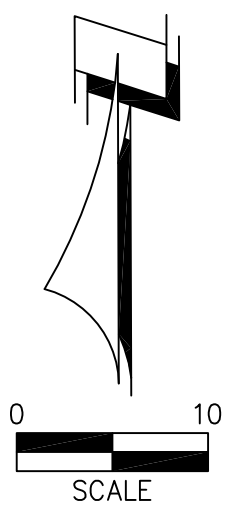


EXISTING CONDITIONS & DEMOLITION PLAN

1" = 10'

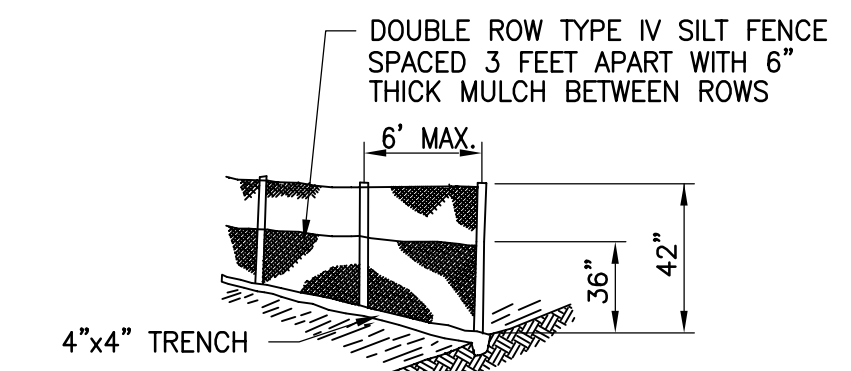
LEGEND

- PROPERTY BOUNDARY
- EXISTING ASPHALT AREA
- EXISTING CONCRETE
- EXISTING MILLED ASPHALT
- EXISTING CONTOURS
- AREAS TO BE DEMOLISHED
- PROPOSED SILT FENCE
- EXIST. OVERHEAD ELECTRIC



DEMOLITION NOTES

- 1 EXISTING BUILDING TO BE RENOVATED (SEE ARCHITECTURAL FOR DETAILS)
- 2 EXISTING ELECTRICAL SERVICE AND OVERHEAD LINE TO BE REMOVED
- 3 EXISTING CONCRETE TO BE REMOVED
- 4 EXISTING MILLED ASPHALT AREA TO BE REMOVED
- 5 EXISTING TREE TO REMAIN
- 6 EXISTING HANDICAP SIGN TO BE REMOVED
- 7 EXISTING FIRE HYDRANT
- 8 INSTALL SILT FENCE (SEE DETAIL A/C-1.0)
- 9 EXISTING HISTORICAL SIGN TO REMAIN
- 10 EXISTING STOP SIGN TO REMAIN
- 11 EXISTING BUS STOP BENCH TO REMAIN
- 12 EXISTING POWER POLE TO REMAIN
- 13 EXISTING STRUCTURE TO BE REMOVED
- 14 EXISTING ASPHALT MILLINGS TO REMAIN
- 15 INSTALL TREE BARRICADE (SEE DETAIL B/C-1.0)

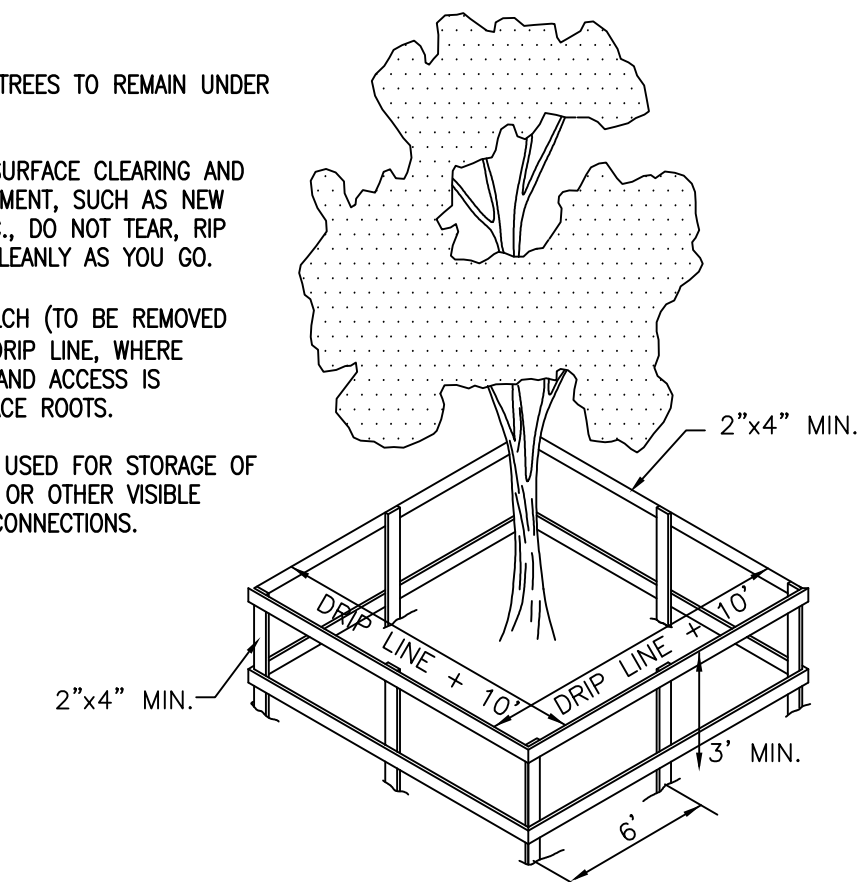


SILT FENCE DETAIL

A
C-1.0
N.T.S.

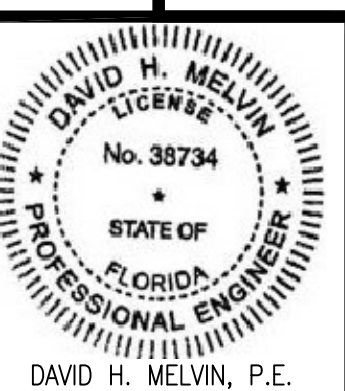
NOTES:

1. INSTALL BARRICADES AROUND EXISTING TREES TO REMAIN UNDER DETAIL.
2. IN AREAS WHERE MAJOR GRADING OR SURFACE CLEARING AND GRUBBING IS REQUIRED WITH HEAVY EQUIPMENT, SUCH AS NEW CONCRETE INFRASTRUCTURE FOOTINGS, ETC., DO NOT TEAR, RIP MAJOR ROOTS BUT CUT CAREFULLY AND CLEANLY AS YOU GO.
3. INSTALL 5"-6" LAYER OF CYPRESS MULCH (TO BE REMOVED LATER) AROUND ANY LARGE TREE WITHIN DRIP LINE, WHERE CONSTRUCTION AND EQUIPMENT MOBILITY, AND ACCESS IS ABSOLUTELY REQUIRED TO PROTECT SURFACE ROOTS.
4. AREA WITHIN BARRICADE IS NOT TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT, RIBBONS, FLAGS OR OTHER VISIBLE MATERIAL MUST BE ADDED AT POST RAIL CONNECTIONS.



TREE BARRICADE DETAIL

B
C-1.0
N.T.S.



DAVID H. MELVIN, P.E.
PAUL A. DONOFRO & ASSOCIATES ARCHITECTS

DONOFRO ARCHITECTS

2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261



SHEET EXISTING CONDITIONS AND DEMOLITION PLAN

TITLE: RESTORATION & PRESERVATION TO GRAHAMS PLACE

FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC. MARIANNA, FLORIDA

JOB NUMBER: M-2022-21

DATE: OCTOBER 11, 2024

DRAWN BY: M.M.F.

CHECKED BY: D.H.M.

SHEET No.

C-1.0



EB-0005637 LC-000277
MARIANNA OFFICE
4428 Lafayette Street
Marianna, FL 32446
Phone: (850) 482-3045

DEVELOPMENT NOTES

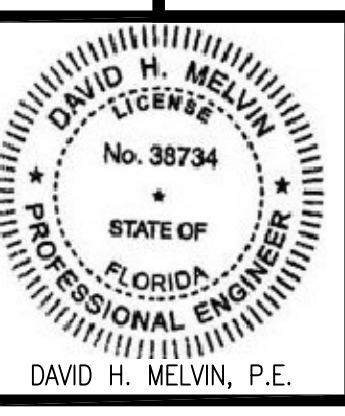
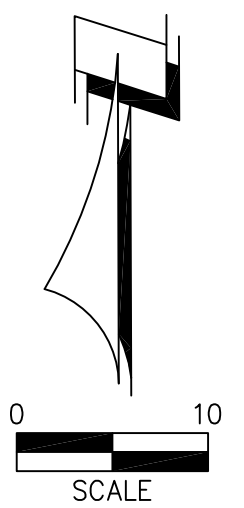
DEVELOPER: RENAISSANCE PARK YOUTH & FAMILY CENTER, INC.
4285 FOREHAND ROAD
MARIANNA, FLORIDA 32448
CONTACT: LINDA WILSON

ENGINEER: DAVID H. MELVIN, INC. CONSULTING ENGINEERS
4428 LAFAYETTE STREET
MARIANNA, FL 32446
CONTACT: MARY-MARGARET FARRIS, EI
(850) 482-3045

SURVEYOR: SOUTHEASTERN SURVEYING & MAPPING
1130 HIGHWAY 90
CHIPLEY, FL 32428
(850) 706-2535

LEGEND

- PROPERTY BOUNDARY
- EXISTING ASPHALT AREA
- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXIST. OVERHEAD ELECTRIC
- EXISTING MILLED ASPHALT



THIS DRAWING & DESIGN IS THE PROPERTY OF DAVID H. MELVIN, INC. NO REPRODUCTION, COPYING, OR DISTRIBUTION OF THIS DRAWING WITHOUT WRITTEN PERMISSION OF DAVID H. MELVIN, INC. WILL BE PERMITTED. INSTRUMENT WILL BE SUBJECT TO CLARIFICATION AND AMENDMENT BY ARCHITECTS & ASSOCIATES P.A.C.

SITE NARRATIVE

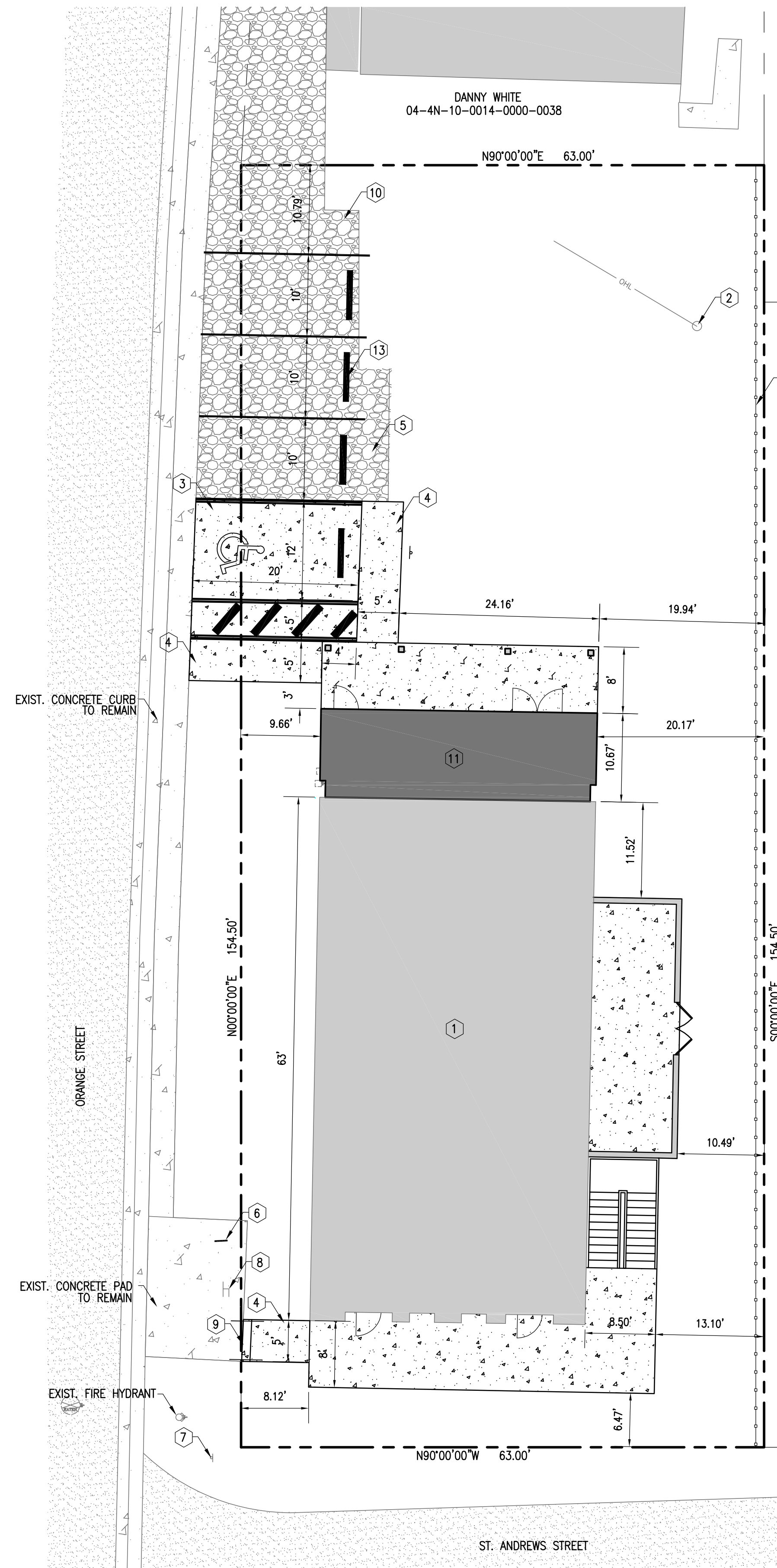
IT IS PROPOSED TO RE-DEVELOP 0.22-ACRES LOCATED IN THE NORTHEAST CORNER OF ST. ANDREWS STREET/ORANGE STREET INTERSECTION IN MARIANNA, FLORIDA. PROPOSED IMPROVEMENTS IS TO CONSIST OF RENOVATION OF THE EXISTING BUILDING. SEWER IS TO BE PROVIDED BY EXISTING CONNECTION. WATER IS TO BE PROVIDED BY EXISTING CONNECTION. ON-SITE STORMWATER TREATMENT IS NOT REQUIRED FOR THE PROPOSED IMPROVEMENTS. GARBAGE DISPOSAL WILL BE PROVIDED BY A PROPOSED ROLL-AWAY CANISTER.

SITE STATISTICS TABLE

General Information		
Property Tax ID #(s):	04-4N-10-0014-0000-0018	
Site Address:	4250 St. Andrews Street	
Owner:	Renaissance Park Youth & Family Center, Inc.	
Engineer:	David H. Melvin, Inc.	
Utilities:		
Water	City of Marianna	
Sewer	City of Marianna	
Gas	City of Marianna	
Electric	FPU	
Land Use:	Mixed Use	
Flood Zone:	12063CC0313D, Zone X	
Site Data Table		
Total Development Area (SF):	9,583 SF	0.22 AC
Existing Impervious Area (SF):	4,779 SF	49.87 %
Building Area	2,274 SF	23.73 %
Milled Asphalt Area (1,404 SF To Be Removed)	1,882 SF	19.64 %
Concrete Area (To Be Removed)	623 SF	6.50 %
Proposed Impervious Area (SF):	1,851 SF	19.32 %
Building Area	300 SF	3.13 %
Concrete Area	1,551 SF	16.18 %
Pre-Post Impervious Area Total	4,603 SF	48.03 %
Existing Impervious Area (SF):	4,779 SF	49.87 %
Existing Impervious Area Removed (Conc. & Asphalt Millings):	2,027 SF	21.15 %
Proposed Impervious Area (SF):	1,851 SF	19.32 %
Parking Data		
Required Parking Spaces:		
Commercial (1 space/ 300 SF; 1.100 SF):	4 Spaces	
Meeting Room (Occupancy Load 67 people; 1 space per 4 people):	16 Spaces	
Handicap Parking Spaces (1 space per 25 reg./spaces):	1 Spaces	
Total Required Parking Spaces:	20 Spaces	
On-site Parking Spaces Provided (including 1 handicap space)	4 Spaces	
Off-site Parking Spaces Provided:	16 Spaces	
Total Provided Parking Spaces:	20 Spaces	

SITE NOTES

- 1 EXISTING BUILDING TO BE RENOVATED (SEE ARCHITECTURAL FOR DETAILS)
- 2 EXISTING UTILITY POLE TO REMAIN
- 3 INSTALL 12'x20' ADA PARKING SPACE (SEE DETAIL A/C-6.0)
- 4 PROPOSED CONCRETE SIDEWALK (SEE DETAIL C/C-6.0)
- 5 10'x20' REGULAR PARKING SPACE; PARKING STRIPING SHOWN FOR DELINEATION AND SHALL NOT BE INSTALLED
- 6 EXISTING HISTORIC SIGN TO REMAIN
- 7 EXISTING STOP SIGN
- 8 EXISTING BENCH TO REMAIN
- 9 INSTALL (1) 12" WIDE 6" TALL CONCRETE STEP W/ALUMINUM HANDRAIL
- 10 EXISTING ASPHALT MILLINGS TO REMAIN
- 11 PROPOSED BUILDING ADDITION (SEE ARCHITECTURAL FOR DETAILS)
- 12 INSTALL 155 LF 6" TALL PRIVACY FENCE INSTALLED 1' INSIDE PROPERTY BOUNDARY
- 13 INSTALL CONCRETE BUMPER GUARD (SEE DETAIL D/C-6.0)



SITE AND DIMENSION PLAN

1" = 10'

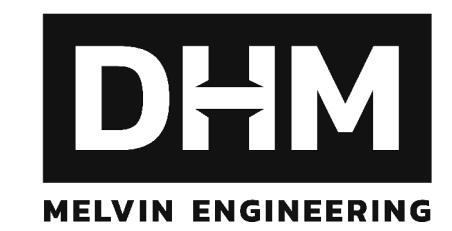
GLENN SPEIGHTS
04-4N-10-0014-0000-0010

DONOFRO ARCHITECTS
P.O. BOX 861
MARIANNA, FL 32447
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261

SHEET [SITE AND DIMENSION PLAN]
TITLE:
RESTORATION & PRESERVATION
TO GRAHAMS PLACE
FOR:
RENAISSANCE PARK YOUTH CAMP &
FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER:
M-2022-21
DATE:
OCTOBER 11, 2024
DRAWN BY:
M.M.F.
CHECKED BY:
D.H.M.

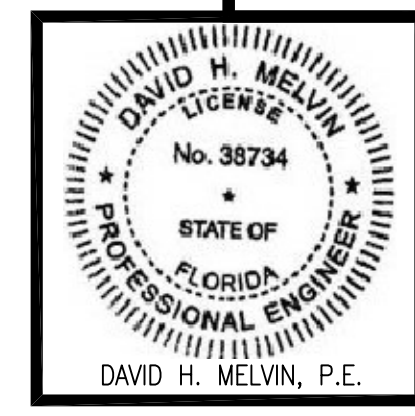
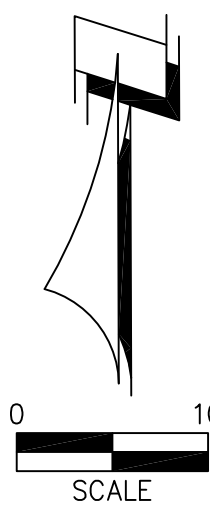
SHEET No.
C-2.0



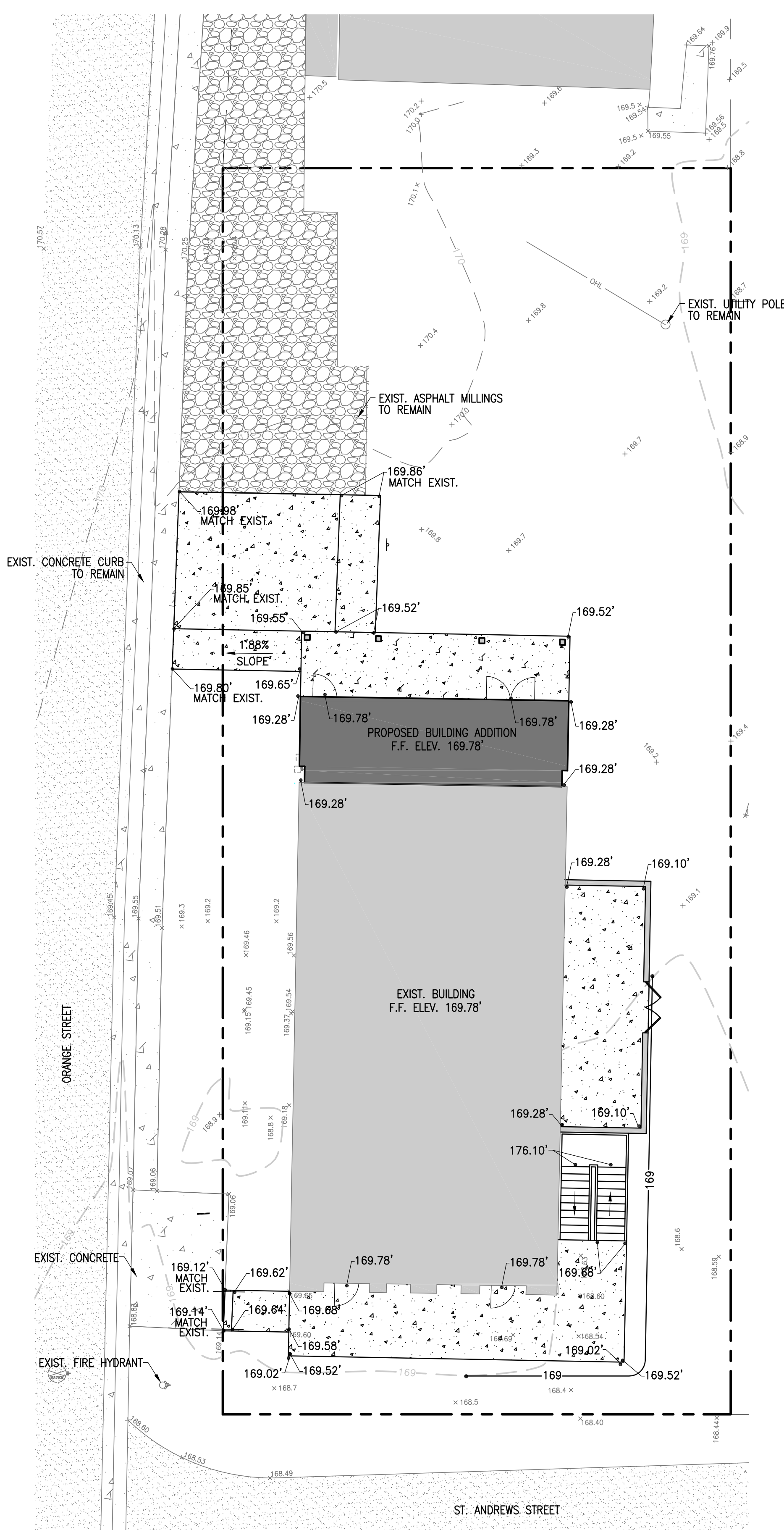
EB-0005637 LC-0000277
MARIANNA OFFICE
4428 Lafayette Street
Marianna, FL 32446
Phone: (850) 482-3045

LEGEND

	PROPERTY BOUNDARY
	EXISTING ASPHALT AREA
	EXISTING CONCRETE
	PROPOSED CONCRETE
	EXIST. OVERHEAD ELECTRIC
	EXISTING CONTOURS
	PROPOSED CONTOURS
	PROPOSED SPOT ELEVATIONS
	EXISTING MILLED ASPHALT



DAVID H. MELVIN, P.E.
 THIS DRAWING & DESIGN IS THE PROPERTY OF PAUL A. DONOFRO & ASSOCIATES, INC. NO REPRODUCTION, COPYING, OR TRANSMISSION OF ANY KIND IS PERMITTED WITHOUT WRITTEN PERMISSION FROM PAUL A. DONOFRO & ASSOCIATES, INC. SUBJECT TO CLEAR ACTUAL NOTICE.



GRADING AND DRAINAGE PLAN

1" = 10'

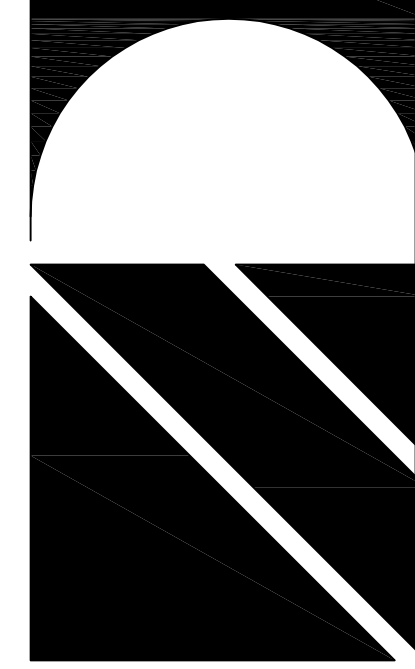
CONSTRUCTION SEQUENCE:

1. ALL PERMITS (CITY & NWFWM) MUST BE OBTAINED PRIOR TO ANY CONSTRUCTION COMMENCEMENT AND KEPT ON-SITE DURING CONSTRUCTION UNTIL COMPLETION OF PROJECT.
2. THE CONTRACTOR SHALL REQUEST AN ON-SITE PRE-CONSTRUCTION MEETING WITH THE PROJECT ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITY.
3. CONSTRUCT SEDIMENTATION/EROSION CONTROLS AND THEN CLEARLY "FLAG" THE LIMITS OF CLEARING. CONSTRUCTION ACTIVITY SHALL NOT COMMENCE UNTIL THE SEDIMENT CONTROLS HAVE BEEN INSPECTED AND APPROVED. THE CONTRACTOR SHALL CONTACT CITY REPRESENTATIVE TO INSPECT SAID SEDIMENT/EROSION CONTROLS PRIOR TO CONSTRUCTION ACTIVITY.
4. CLEAR THE REMAINING PORTION OF THE SITE AND CREATE DIVERSION CHANNELS TO DIRECT THE FLOW. WHERE NEEDED, CHECK DAMS CONSTRUCTED OF HAY BALES SHALL BE USED TO TRAP SEDIMENT.
5. CONSTRUCT SITE IMPROVEMENTS IN ACCORDANCE WITH THE APPROVED PLANS.
6. LANDSCAPE IN ACCORDANCE WITH THE LANDSCAPE PLAN. SOO OR SEED ALL REMAINING DISTURBED AREAS.
7. CONTACT PROJECT ENGINEER FOR INSPECTION OF SITE DURING CONSTRUCTION.
8. PRIOR TO THE REMOVAL OF ANY EXCAVATED MATERIAL FROM THE SITE THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE LOCATION OF ALL PROPOSED DISPOSAL SITES. ALL DISPOSAL SITES SHALL BE PROPERLY PERMITTED AND APPROVED TO RECEIVE THE EXCAVATED MATERIALS. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL OF THE ALLOWABLE DISPOSAL SITES FROM THE ENGINEER PRIOR TO THE REMOVAL OF ANY EXCAVATED MATERIALS.
9. OBTAIN FINAL APPROVAL FROM THE ENGINEER AND OWNER. CONTRACTOR SHALL REPAIR/REPLACE/RECONSTRUCT AT NO EXTRA COST ANY RELATED ITEMS TO THE STORMWATER CONVEYANCE SYSTEM THAT ARE FOUND TO BE IN NON-COMPLIANCE WITH THE PERMITTED PLANS.

CONSTRUCTION NOTES:

1. ENGINEER SHALL PROVIDE CONTRACTOR WITH ELECTRONIC FILE FOR SITE STAKEOUT. CONTRACTOR SHALL VERIFY ALL LAYOUT FEATURES PRIOR TO INSTALLATION OF IMPROVEMENTS. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS OR AMBIGUITY. THE CONTRACTOR SHALL UTILIZE REGISTERED SURVEYOR FOR LAYOUT OF ALL SITE IMPROVEMENTS.
2. UNLESS OTHERWISE INDICATED OR MODIFIED ON THE PLANS OR IN THE SPECIFICATIONS, THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD CONSTRUCTION SHALL BE THE GOVERNING SPECIFICATIONS FOR CONSTRUCTION MATERIAL AND SITE WORK.
3. WHERE REFERENCE IS MADE TO A STANDARD INDEX OR DETAIL, THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD CONSTRUCTION SHALL BE USED AS IF A PART OF THIS PLAN.
4. PRIOR TO COMMENCING CONSTRUCTION IN ANY COUNTY, OR STATE RIGHT-OF-WAY OR EASEMENT, THE CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING PRIVATE AND PUBLIC UTILITIES. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE APPROPRIATE UTILITY PROVIDER FOR ANY NECESSARY UTILITY RELOCATION'S REQUIRED TO IMPLEMENT THE PROPOSED PLAN. ANY REQUIRED UTILITY RELOCATION WORK SHALL BE INCLUDED IN THE CONSTRUCTION BID.
5. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
6. BOUNDARY SURVEY, TOPOGRAPHIC SURVEY AND ASSOCIATED SURVEY WORK SHOWN HEREON AND USED FOR DESIGN PURPOSES IS BASED UPON INFORMATION PROVIDED BY SOUTHEASTERN SURVEYING AND MAPPING, MELVIN ENGINEERING, INC. HAS REVIEW, BUT NOT VERIFIED THE DATA PROVIDED. THIS DATA IS THE BASIS FOR DESIGN AND MELVIN ENGINEERING, INC. MAKE NO CERTIFICATIONS OR REPRESENTATIONS AS TO THE ACCURACY OF THE SURVEY DATA.
7. CONTRACTOR SHALL SOO DISTURBED AREA AND SHALL RE-GRADE SMOOTH ALL AREAS 2,700 SF OF SOO. THE REMAINDER OF THE DISTURBED AREA SHALL BE SEEDED AND MULCHED TO ENSURE STABILITY AND PROHIBIT EROSION.
8. CONTRACTOR SHALL NOTIFY ENGINEER FOR SITE VISIT AND CONFIRMATION OF GRADE STAKING PRIOR TO INSTALLATION OF ANY STRUCTURE, CONCRETE OR ASPHALT.
9. GRADING AND ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE. THE GROUND IMMEDIATELY ADJACENT TO THE FOUNDATION SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF NOT LESS THAN ONE UNIT VERTICAL IN 20 UNITS HORIZONTAL (5-PERCENT SLOPE) FOR A MINIMUM DISTANCE OF 10 FEET MEASURED PERPENDICULAR TO THE FACE OF THE WALL. IF PHYSICAL OBSTRUCTIONS OR LOT LINES PROHIBIT 10 FEET OF HORIZONTAL DISTANCE, A 5-PERCENT SLOPE SHALL BE PROVIDED TO AN APPROVED ALTERNATIVE METHOD OF DIVERTING WATER AWAY FROM THE FOUNDATION. SWALES USED FOR THIS PURPOSE SHALL BE SLOPED A MINIMUM OF 2-PERCENT WHERE LOCATED WITHIN 10 FEET OF THE BUILDING FOUNDATION. IMPERVIOUS SURFACES WITHIN 10 FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED A MINIMUM OF 2-PERCENT AWAY FROM THE BUILDING.

DONOFRO ARCHITECTS
 P.O. BOX 861
 MARIANNA, FL 32447
 2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261



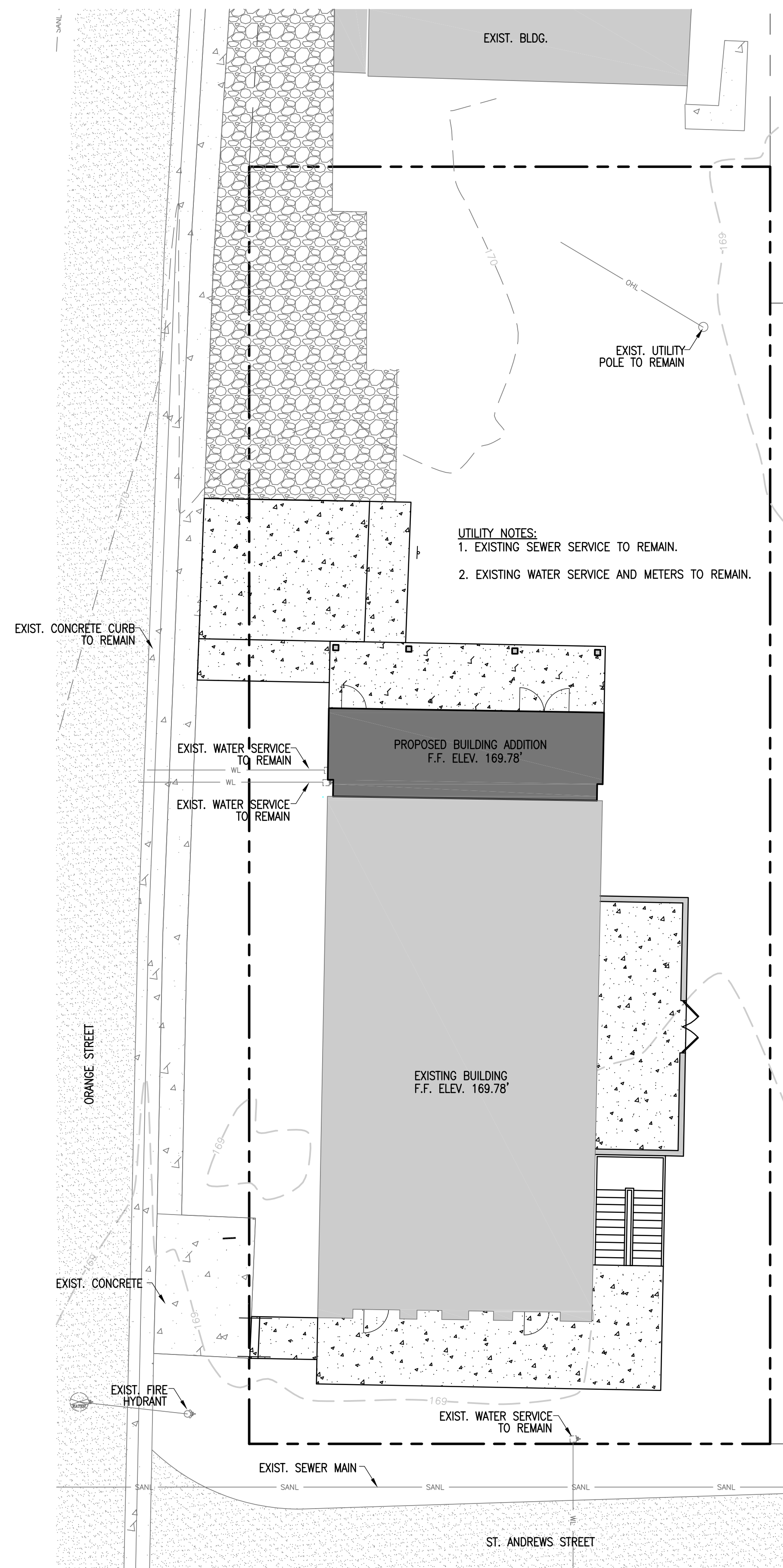
SHEET GRADING AND DRAINAGE PLAN
 TITLE:
 RESTORATION & PRESERVATION
 TO GRAHAMS PLACE
 FOR:
 RENAISSANCE PARK YOUTH CAMP &
 FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER:
 M-2022-21
 DATE:
 OCTOBER 11, 2024
 DRAWN BY:
 M.M.F.
 CHECKED BY:
 D.H.M.

SHEET No.
C-3.0



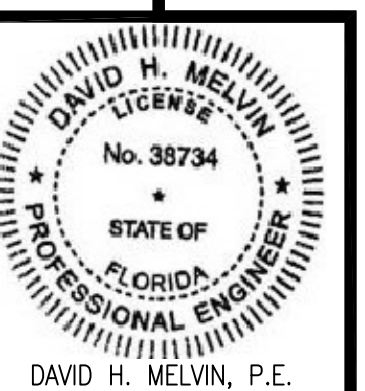
EB-0005637 LC-0000277
 MARIANNA OFFICE
 4428 Lafayette Street
 Marianna, FL 32446
 Phone: (850) 482-3045



UTILITY NOTES:
 1. EXISTING SEWER SERVICE TO REMAIN.
 2. EXISTING WATER SERVICE AND METERS TO REMAIN.

LEGEND

- PROPERTY BOUNDARY
- EXISTING ASPHALT AREA
- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXIST. OVERHEAD ELECTRIC
- EXIST. WATER LINE
- EXIST. SEWER LINE
- EXISTING MILLED ASPHALT
- EXISTING CONTOURS



THIS DRAWING & DESIGN IS THE PROPERTY OF MELVIN ENGINEERING, INC. NO PART OF THIS DRAWING OR DESIGN IS TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF MELVIN ENGINEERING, INC. SUBJECT TO CLEAR ACTUAL ASSOCIATES ARCHITECTS

DONOFRO ARCHITECTS

2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261

P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

SHEET TITLE: UTILITY PLAN

TITLE: RESTORATION & PRESERVATION TO GRAHAM'S PLACE

FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

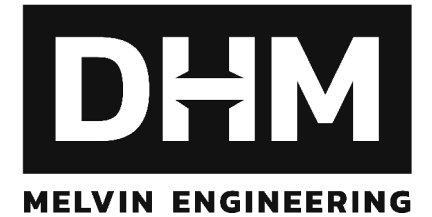
JOB NUMBER: M-2022-21

DATE: OCTOBER 11, 2024

DRAWN BY: M.M.F.
 CHECKED BY: D.H.M.

SHEET No.

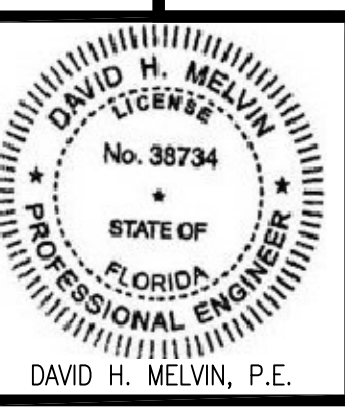
C-4.0



EB-0005637 LC-0000277
 MARIANNA OFFICE
 4428 Lafayette Street
 Marianna, FL 32446
 Phone: (850) 482-3045

UTILITY PLAN

1" = 10'



THIS DRAWING & DESIGN IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT WRITTEN PERMISSION FROM DONOFRO ARCHITECTS IS STRICTLY PROHIBITED. SUBJECT TO CLIENT'S ACTION. DONOFRO ARCHITECTS

DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261

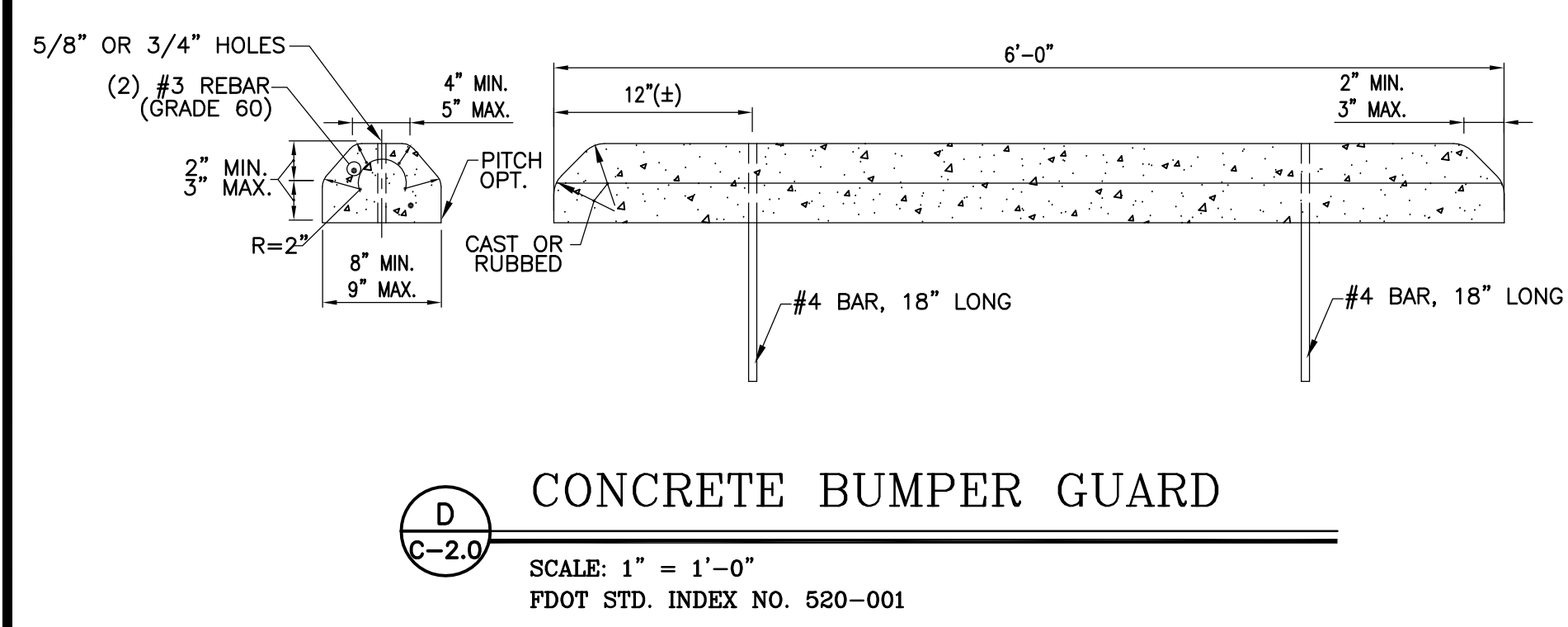
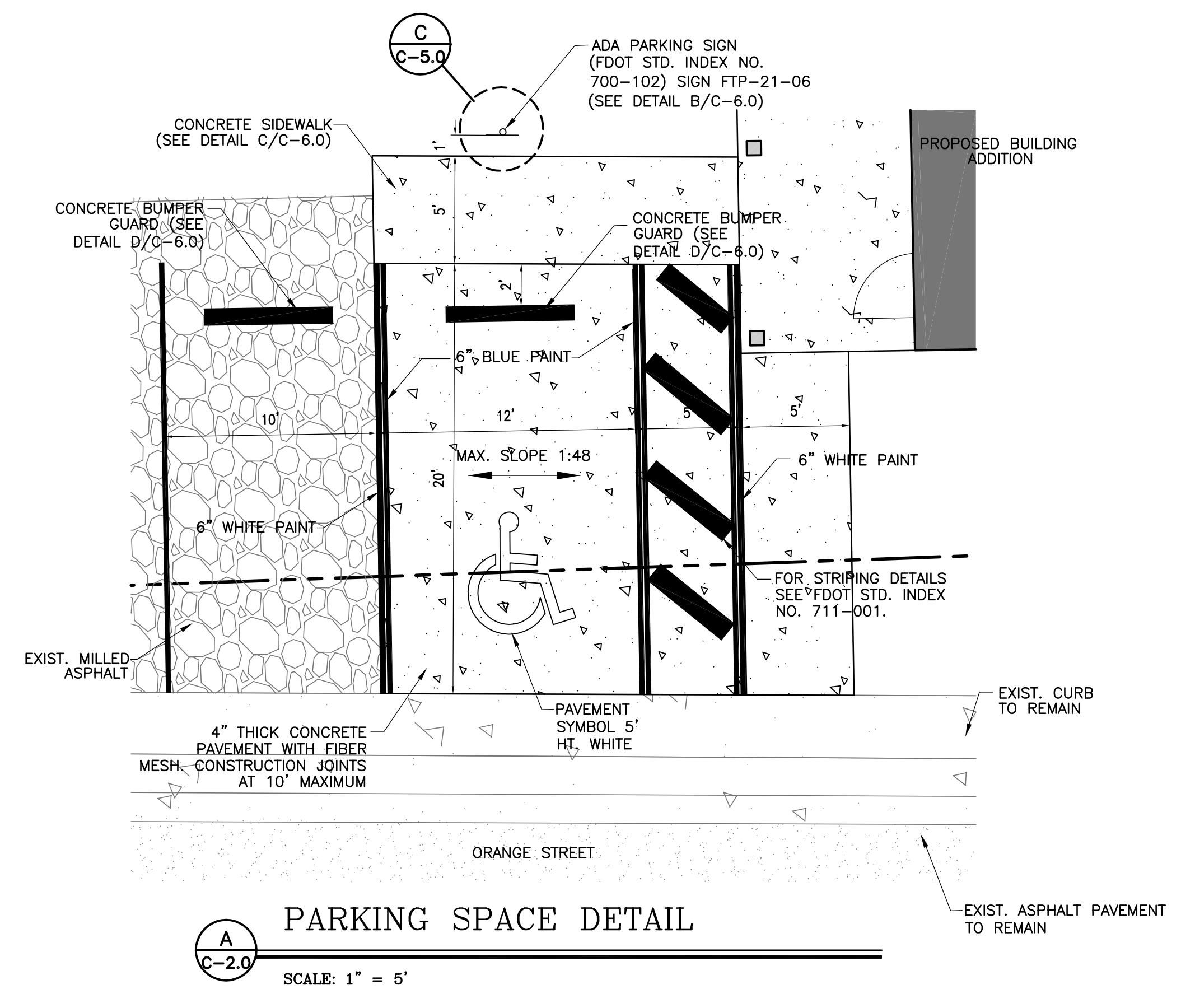
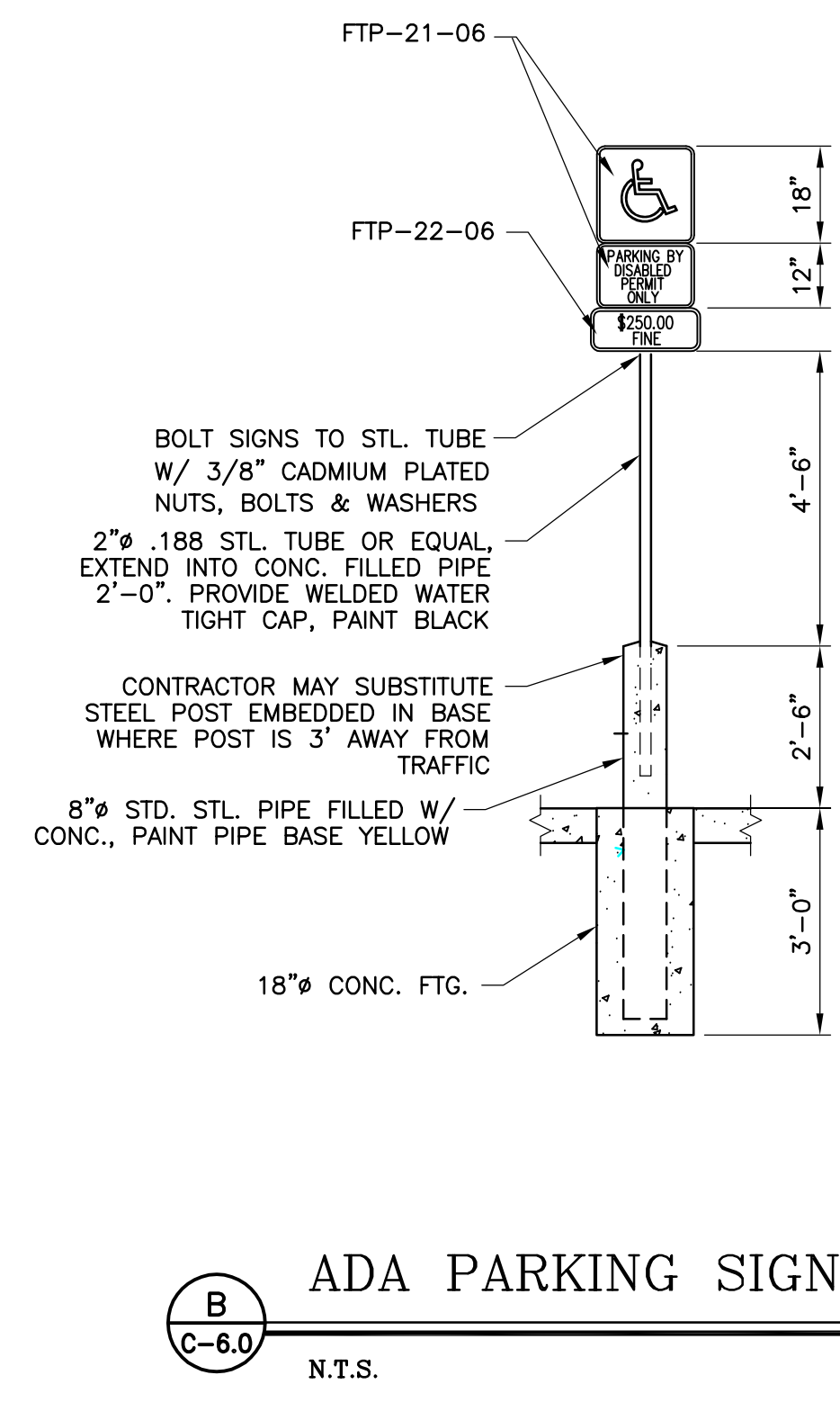
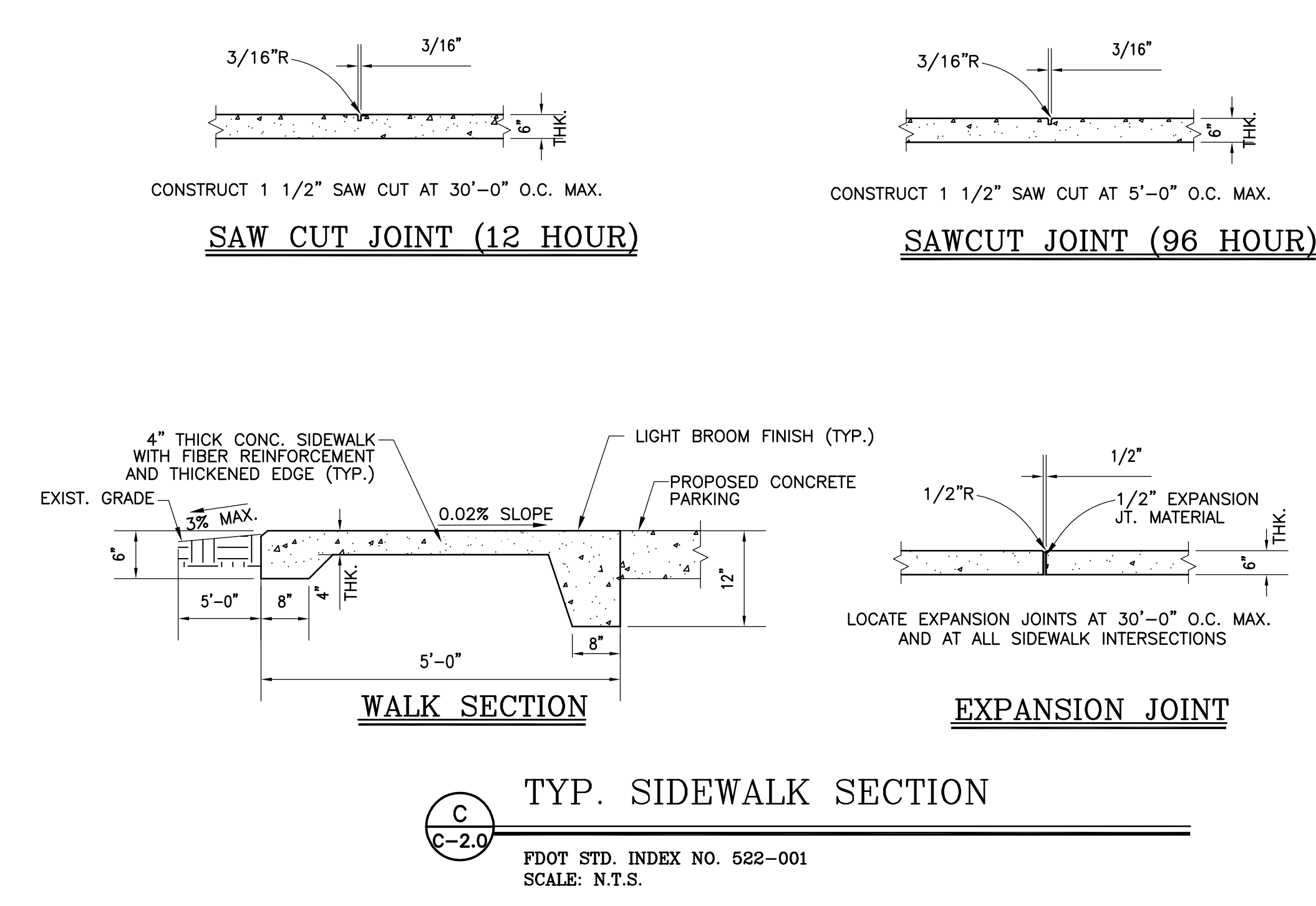
P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

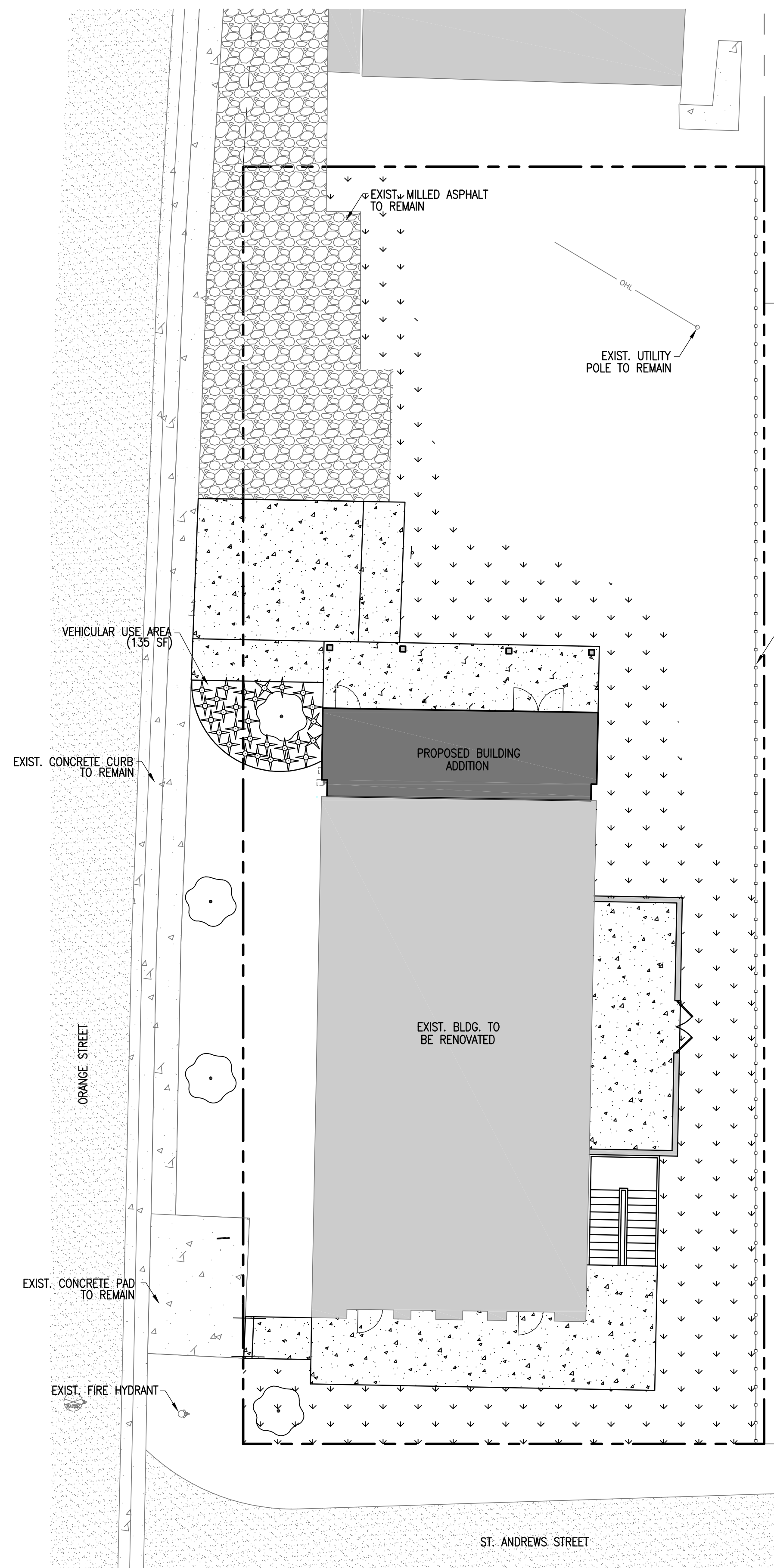


SHEET TITLE: RESTORATION & PRESERVATION TO GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: OCTOBER 11, 2024
 DRAWN BY: M.M.F.
 CHECKED BY: D.H.M.

SHEET No. **C-6.0**





LANDSCAPE PLAN

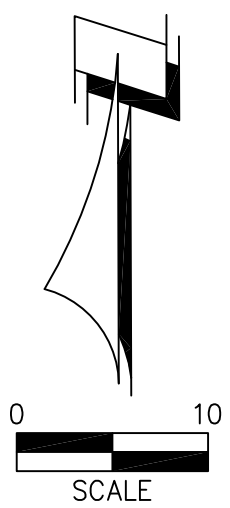
1" = 10'

IRRIGATION NOTES:

1. SHOP DRAWINGS FOR THE POP-UP AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED BY CONTRACTOR TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL.

LEGEND

- PROPERTY BOUNDARY
- EXISTING ASPHALT AREA
- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXIST. OVERHEAD ELECTRIC
- EXISTING MILLED ASPHALT
- PROPOSED SOD

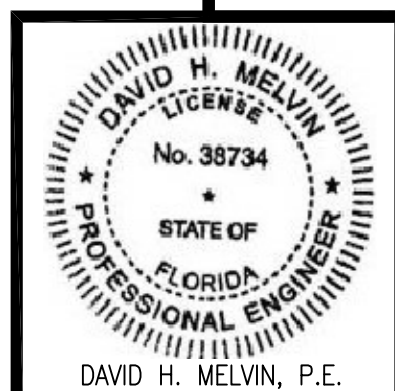


LANDSCAPE CALCULATIONS:

REQUIREMENT	BRIEF DESCRIPTION	REQUIREMENT	CALCULATIONS	PROVIDED
LDC SEC.4-3.4	LANDSCAPE REQUIREMENTS FOR OFF-STREET PARKING AND VEHICULAR USE AREA.	1 TREE/50 LF LOT FRONTAGE	155 LF ORANGE STREET/50 LF = 3 TREES 63 LF ST. ANDREWS STREET/50 LF = 1 TREES	PROVIDED (3) TREES 4" CALIPER; ORANGE STREET PROVIDED (1) TREES 4" CALIPER; ST. ANDREWS ST.
		10 FOOT SETBACK FROM FRONT 4 FOOT SETBACK FROM SIDE/REAR	10 FOOT SETBACK FROM FRONT (ORANGE ST) 4 FOOT SETBACK FROM SIDE (ST. ANDREWS ST.)	9.66' EXIST. SETBACK FROM FRONT (ORANGE ST) 12.47' EXIST. SETBACK FROM SIDE (ST. ANDREWS ST.)
		10% OF VEHICULAR USE AREA LANDSCAPE AREA	960 SF VEHICULAR AREA x 10% = 96 SF VEHICULAR USE AREA LANDSCAPE	PROVIDED, 135 SF VEHICULAR USE AREA LANDSCAPE
LDC SEC.4-3.1	BUFFER AND LANDSCAPING STANDARDS	6 FEET WIDE, 6' TALL OPAQUE MATERIAL	DEVELOPMENT PARCEL LAND USE-MIXED USE EASTERN PROPERTY LAND USE-RESIDENTIAL	PROVIDED, 6' TALL PRIVACY FENCE ALONG EASTERN PROPERTY BOUNDARY

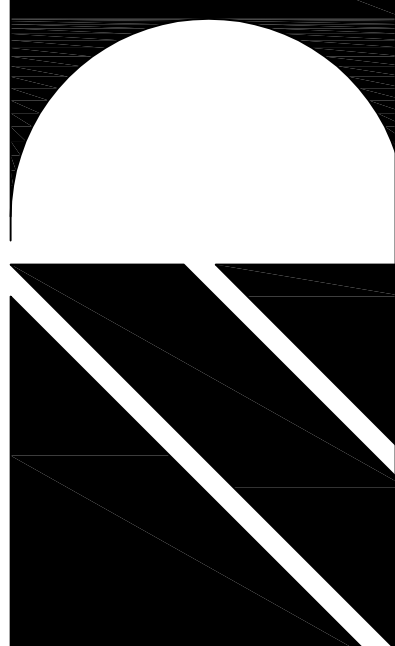
PLANT SCHEDULE

TREES	QTY	COMMON NAME	SIZE	CONTAINER
	4	Crepe Myrtle	4" Cal.	100 Gal.
SHRUBS	QTY	COMMON NAME	SIZE	CONTAINER
	28	Pink Muhly Grass	12" Ht. x 6' Sprd.	1 Gallon
GROUND COVERS	QTY	COMMON NAME		
	2,700 SF	Centipede Sod		



THIS DRAWING & DESIGN IS THE PROPERTY OF DONOFRO ARCHITECTS & ASSOCIATES, INC. NO PART OF THIS DRAWING OR DESIGN SHALL BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS & ASSOCIATES, INC. SUBJECT TO CLAUSE ACTION.

DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609



SHEET LANDSCAPE PLAN
 TITLE:
 RESTORATION & PRESERVATION
 TO GRAHAM'S PLACE
 FOR:
 RENAISSANCE PARK YOUTH CAMP &
 FAMILY CENTER, INC.
 MARIANNA, FLORIDA




JOB NUMBER:
 M-2022-21
 DATE:
 OCTOBER 11, 2024
 DRAWN BY:
 M.M.F.
 CHECKED BY:
 D.H.M.

SHEET No.
L-1.0



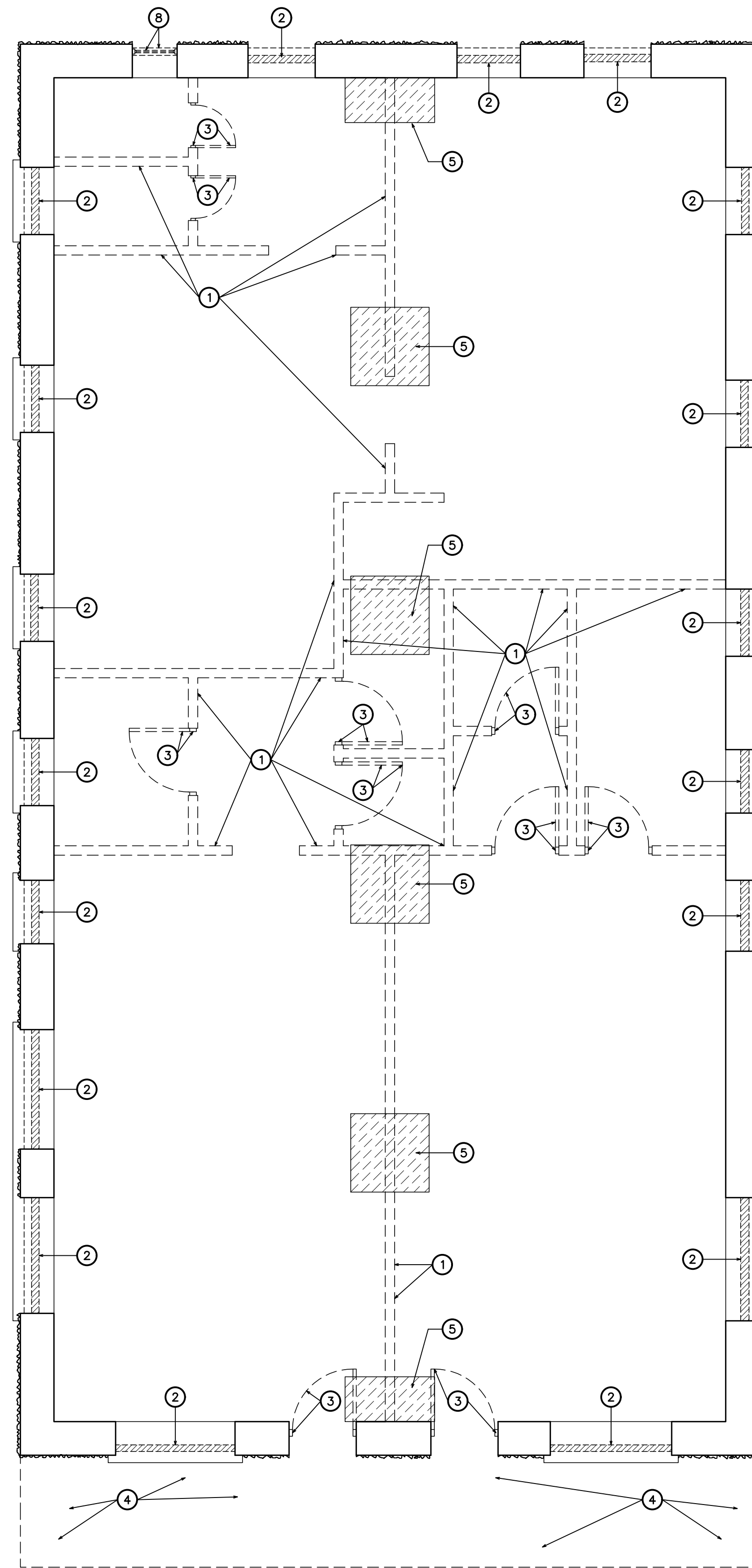
EB-0005637 LC-0000277
 MARIANNA OFFICE
 4428 Lafayette Street
 Marianna, FL 32446
 Phone: (850) 482-3045

DEMOLITION PLAN LEGEND

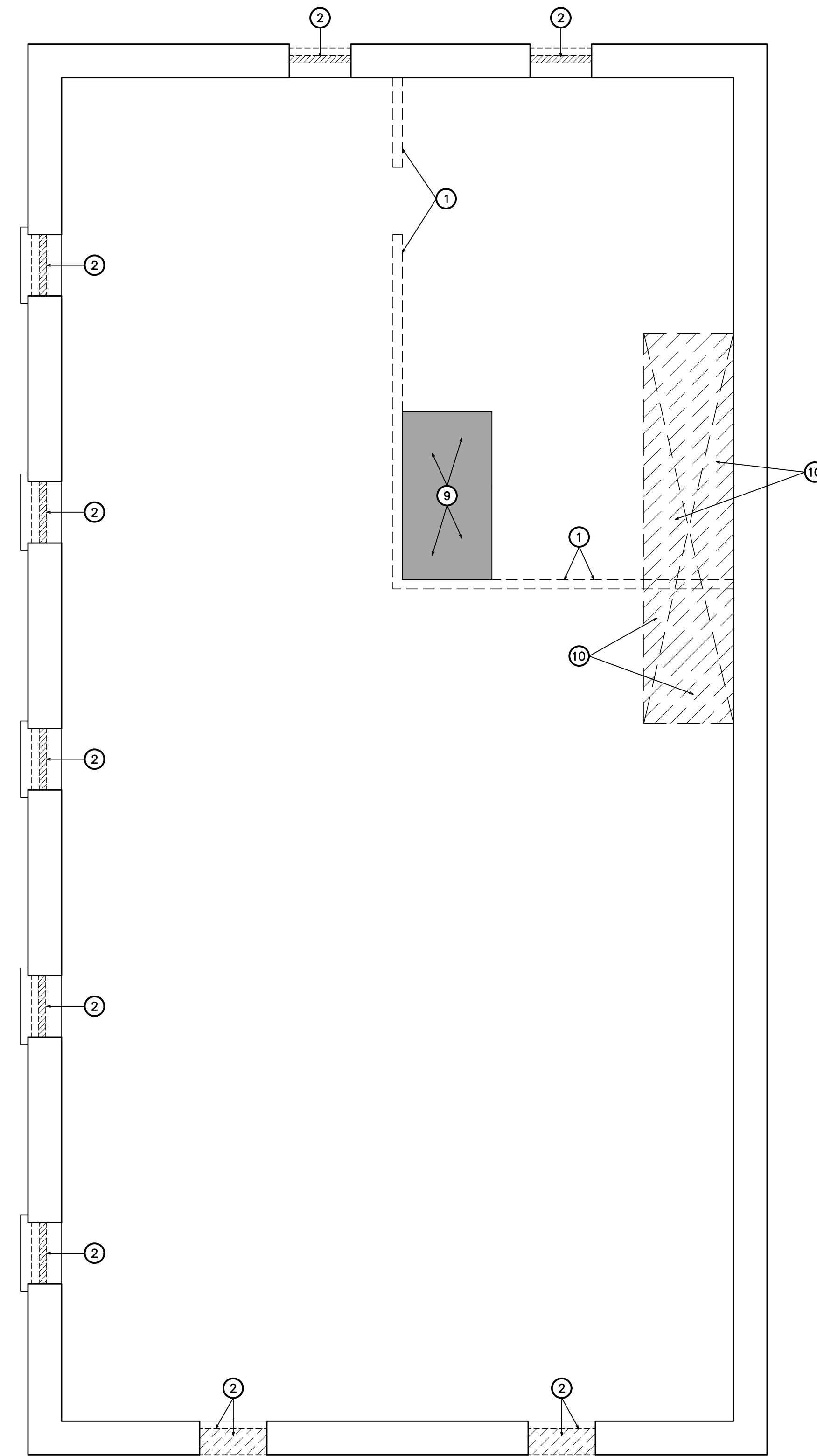
-  EXISTING EXTERIOR WALL CONSTRUCTION TO REMAIN U.O.N.
-  EXISTING INTERIOR WALL CONSTRUCTION TO BE REMOVED U.N.O.
-  DEMOLITION NOTE REFERENCE SYMBOL

DEMOLITION NOTES

- 1 EXISTING WALL CONSTRUCTION TO BE REMOVED & DISPOSED OF IN ITS ENTIRETY. PRIOR TO REMOVAL CONTRACTOR TO VERIFY THAT WALL IS NOT A LOAD BEARING WALL. IF LOAD BEARING PROVIDE TEMP. SUPPORT UNTIL PERMANENT SUPPORT IS IN PLACE
- 2 REMOVE & DISPOSE OF C.M.U. BLOCK INFILL @ EXISTING WINDOW OPENING
- 3 REMOVE & DISPOSE OF EXISTING DOOR, FRAME, & HARDWARE
- 4 REMOVE & DISPOSE OF EXISTING 5'-0" X 33'-0" (+/-) CONCRETE APRON IN ITS ENTIRETY
- 5 REMOVE & DISPOSE OF EXISTING CONCRETE FLOOR SLAB AS REQ. FOR CONSTRUCTION OF NEW CONC. STEEL COLUMN FOOTINGS & FOR NEW UNDER SLAB PLUMBING WASTE & WATER & VENT PIPING. SEE ARCHITECTURAL, STRUCTURAL, & PLUMBING PLANS FOR REFERENCES. EXISTING CONCRETE SLABS TO BE REMOVED FOR UNDER SLAB PLUMBING ARE NOT INDICATED ON THESE DEMO PLANS BUT SHALL BE REQUIRED TO BE REMOVED AS PART THIS CONTRACT. REFER TO PLUMBING PLANS FOR REFERENCE.
- 6 REMOVE & DISPOSE OF THE EXISTING PLUMBING SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO, PIPING, SUPPORTS, & FIXTURES
- 7 REMOVE & DISPOSE OF THE EXISTING ELECTRICAL SYSTEM IN ITS ENTIRETY INCLUDING, BUT NOT LIMITED TO, SERVICE, CONDUIT, OUTLETS, DEVICES & FIXTURES
- 8 REMOVE & DISPOSE OF EXISTING WINDOW UNIT IN ITS ENTIRETY
- 9 INDICATES APPROXIMATE LOCATION OF EXISTING OPENING IN FLOOR TO BE INFILLED W/ NEW FLOOR DECK & FLOOR JOISTS
- 10 INDICATES APPROXIMATE AREA OF EXISTING FLOOR & FLOOR STRUCTURE TO BE REMOVED & DISPOSED OF AS REQUIRED TO CREATE OPENING IN EXISTING FLOOR FOR NEW STAIR WELL. PROVIDE TEMPORARY FLOOR STRUCTURE SUPPORT SHORING AS REQUIRED



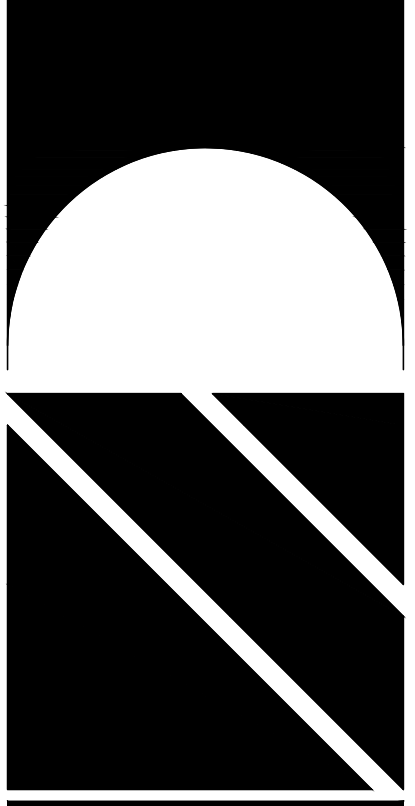
MAIN LEVEL DEMOLITION FLOOR PLAN
1/4" = 1'-0"



SECOND LEVEL DEMOLITION FLOOR PLAN
1/4" = 1'-0"

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS AND ASSOCIATES. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS AND ASSOCIATES.

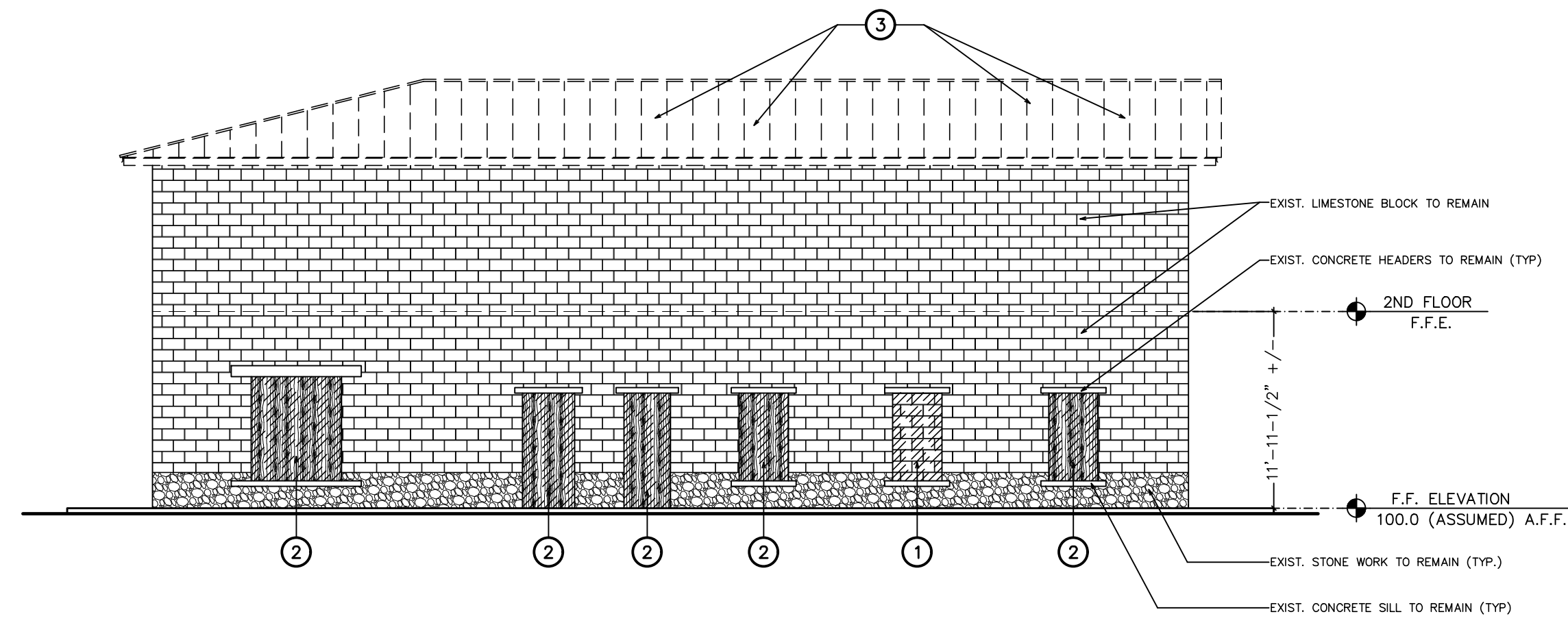
DONOFRO ARCHITECTS
P.O. BOX 861
MARIANNA, FL 32447
OFFICE: (850) 482-5261
FAX: (850) 482-8609



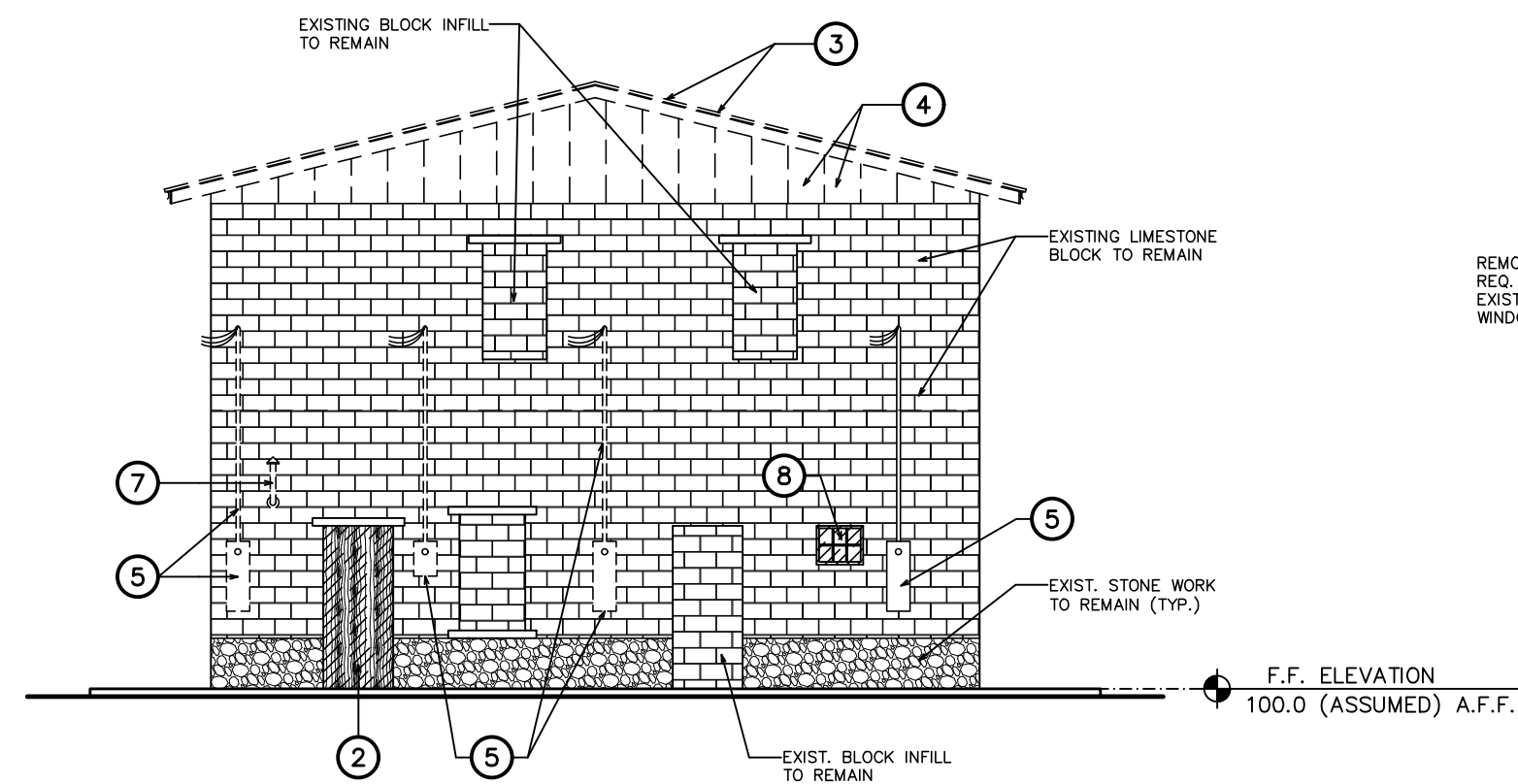
SHEET DEMOLITION FLOOR PLAN * DEMOLITION NOTES
TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: NOV. 11, 2024
DRAWN BY: C.L.D.
CHECKED BY: P.A.D., JR.

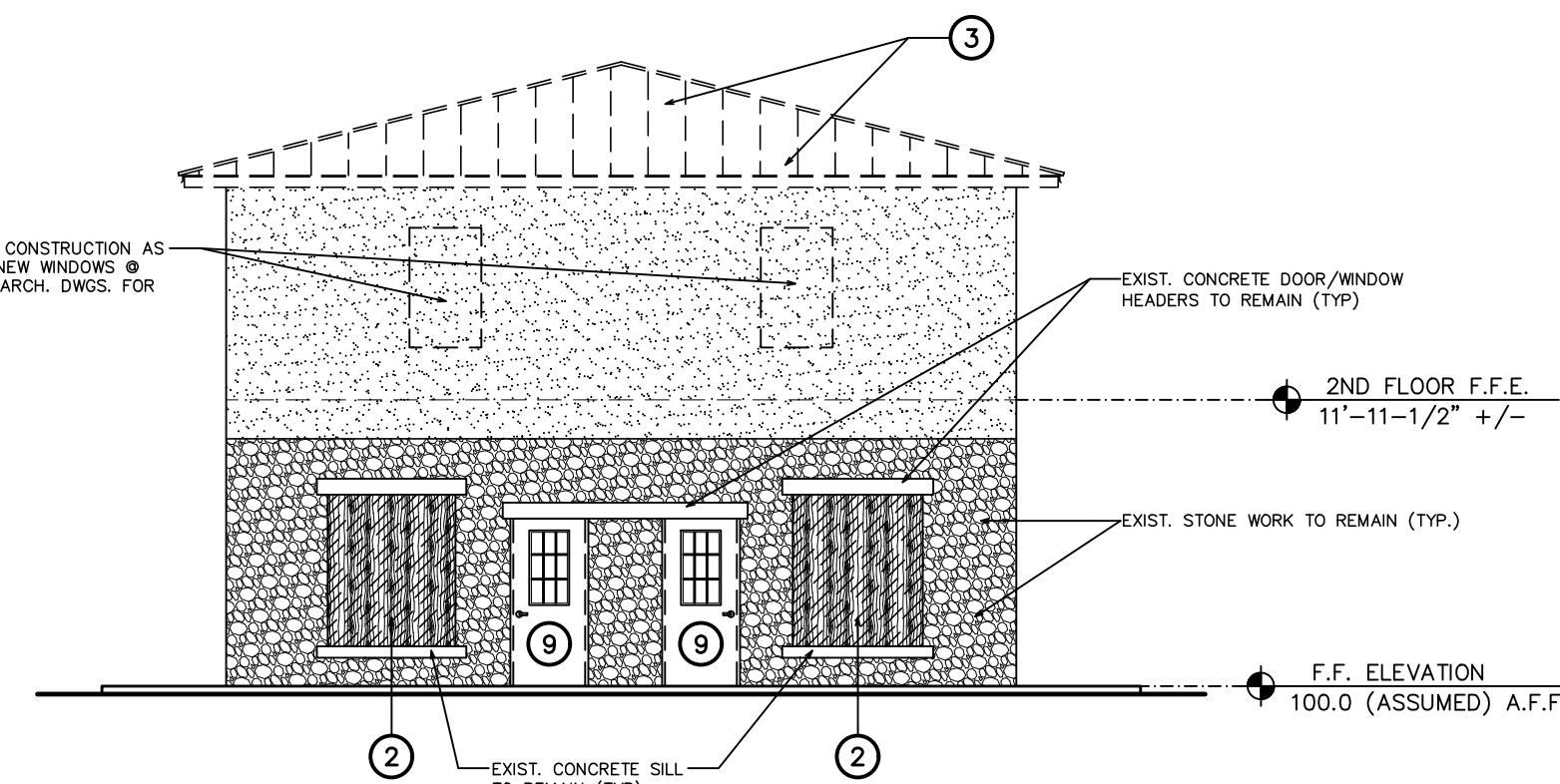
SHEET No.
D-1.0



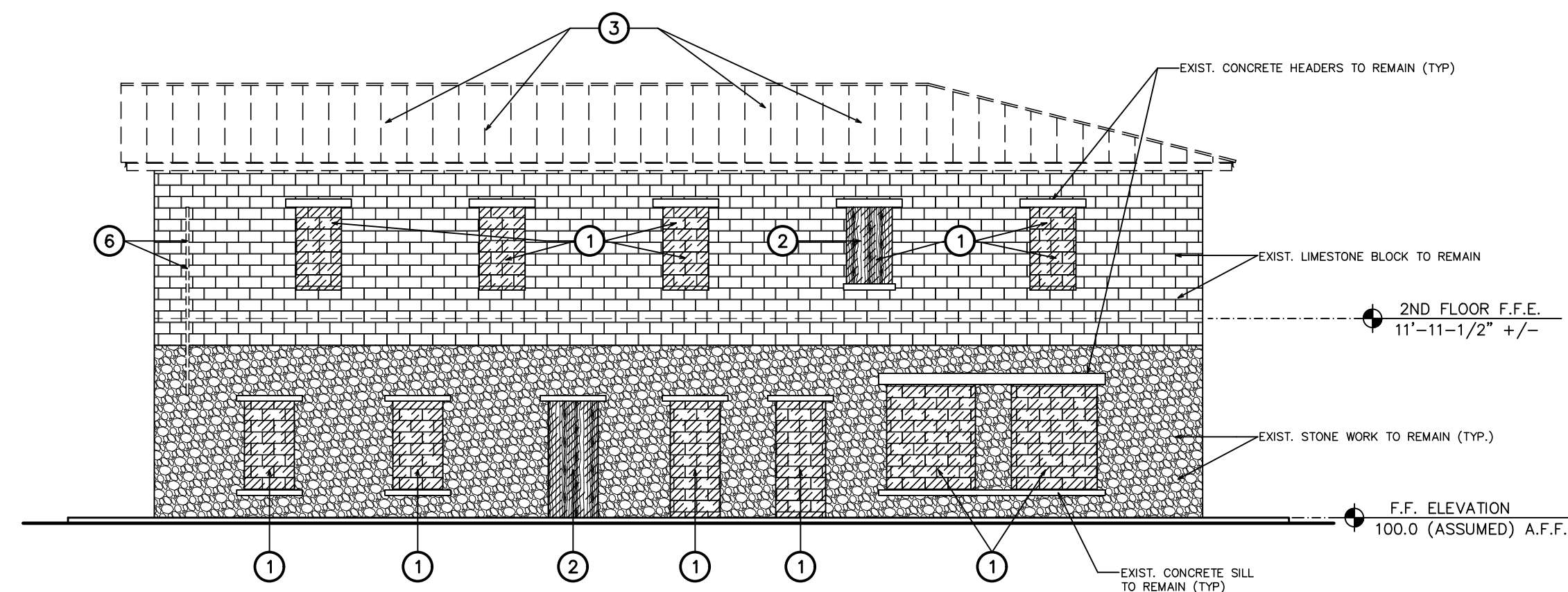
1 WEST DEMOLITION ELEVATION
1/8" = 1'-0"



2 NORTH DEMOLITION ELEVATION
1/8" = 1'-0"



3 SOUTH DEMOLITION ELEVATION
1/8" = 1'-0"



4 EAST DEMOLITION ELEVATION
1/8" = 1'-0"

DEMOLITION NOTES

- ① REMOVE & DISPOSE OF EXISTING C.M.U. BLOCK WINDOW OR DOOR OPENINGS INFILL IN ITS ENTIRETY
- ② REMOVE & DISPOSE OF EXISTING PLYWOOD PANEL & FRAMING, WINDOW, OR DOOR OPENING INFILL IN ITS ENTIRETY
- ③ REMOVE & DISPOSE OF EXISTING METAL ROOF PANELS & EXISTING ROOF STRUCTURE IN ITS ENTIRETY INCLUDING PURLINS, JOISTS, & TRUSSES. EXISTING TRUSSES TO BE REMOVED AS ONE TRUSS & TURNED OVER TO RENAISSANCE PARK YOUTH CAMP FOR FUTURE USE
- ④ EXISTING METAL END WALL GABLE WALL PANELS & WOOD FRAMING TO BE REMOVED & DISPOSED OF
- ⑤ REMOVE & DISPOSE OF EXISTING ABANDONED ELECTRIC METER BASE & WEATHER HEAD
- ⑥ REMOVE & DISPOSE OF EXISTING CAST IRON VENT STACK
- ⑦ REMOVE & DISPOSE OF EXISTING METAL EXHAUST FAN PIPE & CAP
- ⑧ REMOVE & DISPOSE OF EXISTING GLASS BLOCK INFILL
- ⑨ REMOVE & DISPOSE OF EXISTING DOOR & FRAME

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS. SUBJECT TO LITIGATION.

DONOFRO ARCHITECTS
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261

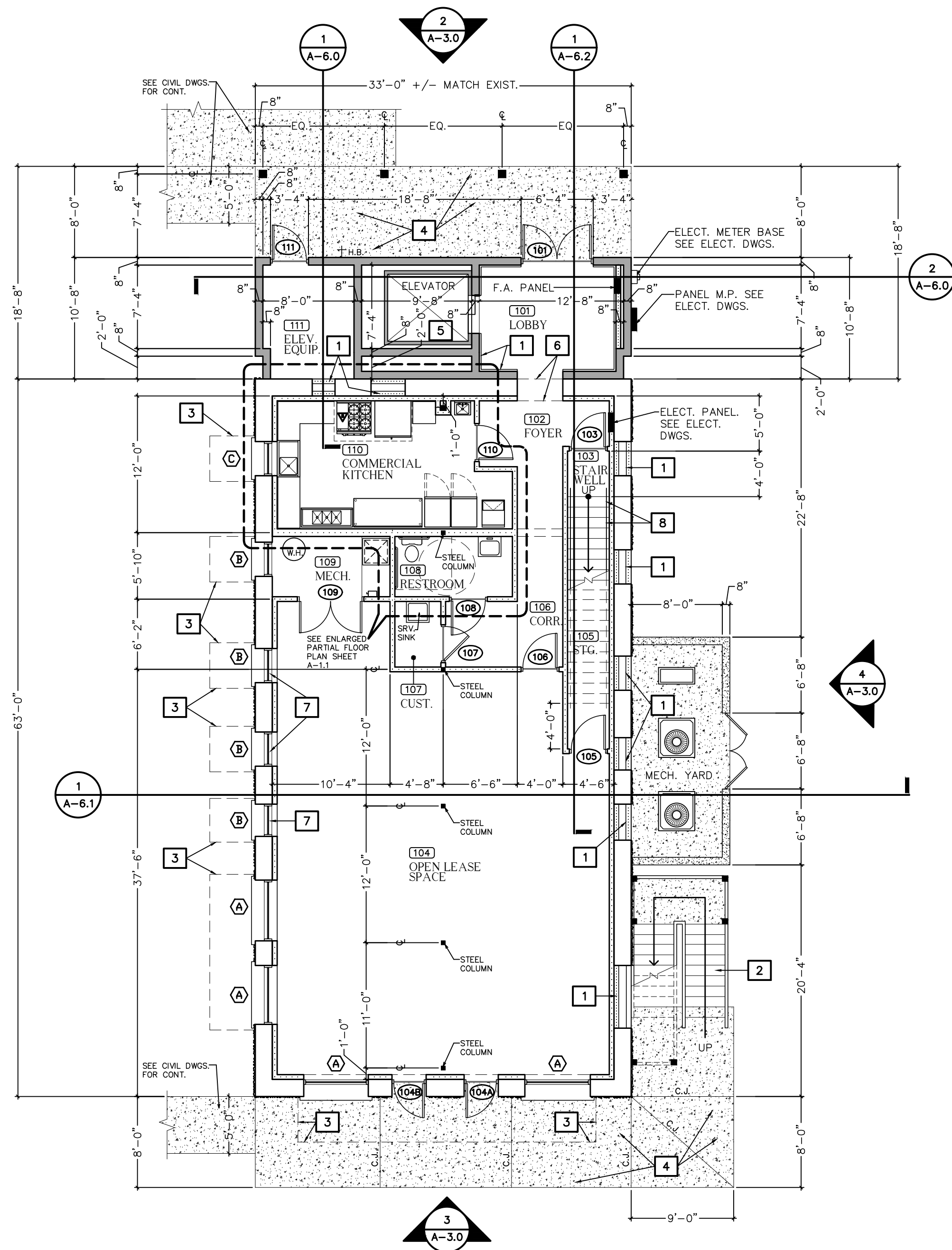
P.O. BOX 861
MARIANNA, FL 32447
FAX: (850) 482-8609

SHEET | DEMOLITION EXTERIOR ELEVATIONS
TITLE | RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR | RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: NOV. 11, 2024
DRAWN BY: C.L.D.
CHECKED BY: P.A.D., JR.

SHEET No.

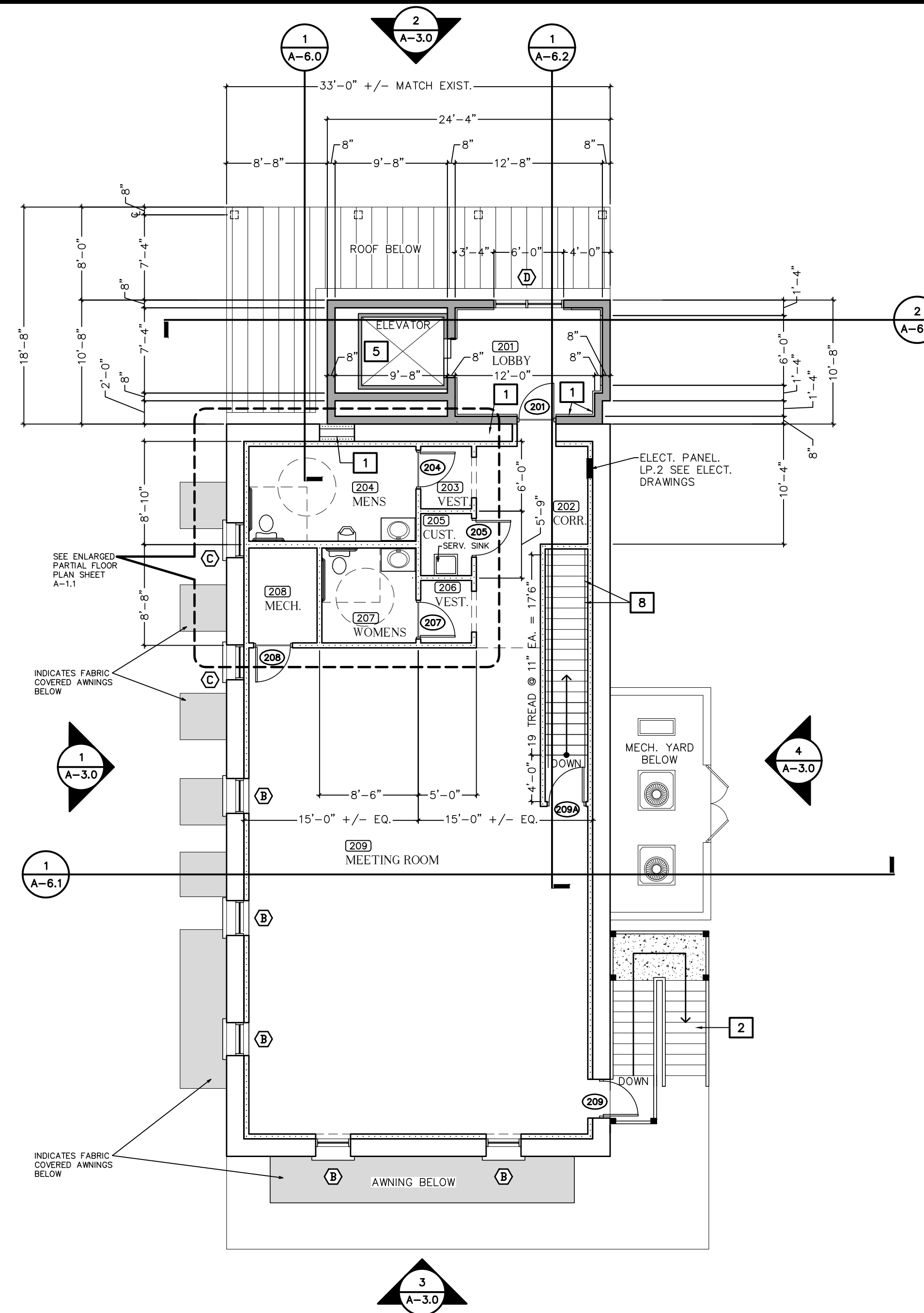
D-2.0



MAIN LEVEL FLOOR PLAN
1/8" = 1'-0"

NEW WORK FLOOR PLAN LEGEND

- EXISTING WALL CONSTRUCTION
- NEW C.M.U. WALL CONSTRUCTION
- NEW STUD FRAME WALL CONSTRUCTION
- DENOTES EXISTING DOOR FRAME TO REMAIN
- ROOM FINISH SCHEDULE REFERENCE SYMBOL
- WINDOW SCHEDULE REFERENCE SYMBOL
- NEW REINFORCED CONC. PAD, APRON, RAMP, OR WALK
- EXTERIOR ELEVATION REFERENCE SYMBOL
- INTERIOR ELEVATION REFERENCE SYMBOL
- HOSE BIB



SECOND LEVEL FLOOR PLAN
1/8" = 1'-0"

CONSTRUCTION NOTES

- 1 INFILL EXISTING MASONRY OPENING W/ 18GA. C.F.S. STUD FRAMING & 1-1/2" EIFS OVER 1/2" EXT. GRADE GYP. BOARD. RECESS EXTERIOR FACE OF EIFS 2" IN FROM FACE OF LIMESTONE
- 2 CONSTRUCT NEW STEEL TUBE COLUMN & STEEL TUBE STRINGER STAIR STRUCTURE W/ CONCRETE FILLED PAN TREADS & LANDING & STEEL PIPE HANDRAILS & GUARDRAILS. DESIGN OF STAIRS TO BE BY SPECIALTY ENGINEER EMPLOYED BY CONTRACTOR. ALL NEW STEEL TO BE PRIMED & PAINTED AS PER SPECS. STAIRS & RAILING TO BE COMPLIANT W/ ALL APPLICABLE REQUIREMENTS OF 2023 F.B.C.
- 3 PROVIDE & INSTALL NEW ALUM. TUBE FRAME FABRIC COVERED AWNING. SEE DETAILS FOR SIZE & CONFIGURATION
- 4 CONSTRUCT NEW REINFORCED CONCRETE ENTRANCE APRON AS INDICATED. REINFORCE APRON AS PER STRUCTURAL DRAWINGS & PROVIDE LIGHT BROOM FINISH. SLOPE TOP OF APRON MIN. 1/8" / FOOT FOR POSITIVE DRAINAGE AWAY FROM BUILDING
- 5 CONSTRUCT NEW HYDRAULIC PISTON OPERATED TWO STOP ELEVATOR W/ 12'-0" +/- F.F. TO F.F. TRAVEL DISTANCE. SEE SPECS. FOR DETAILS & DRAWINGS FOR ELEVATOR FIT DETAILS
- 6 CONSTRUCT NEW 40" WIDE CLEAR X 7'-0" CLEAR CASED OPENING @ EXISTING EXTERIOR MASONRY WALL. CASE EXISTING MASONRY WALL W/ P.T. WOOD & 5/8" DRYWALL @ EA. JAMB & HEAD
- 7 INFILL EXISTING MASONRY OPENING UNDER NEW WINDOW W/ 3/4" PAINTED STUCCO OVER GALV. STEEL DIAMOND MESH OVER MOISTURE BARRIER OVER 1/2" CEMENTITIOUS BACK BOARD OVER C6 X 18GA. GALV. STEEL STUD FRAMING
- 8 PROVIDE & INSTALL 1-1/2" DIA. POWDER COATED PAINTED STEEL PIPE HANDRAIL SUPPORTS @ BOTH SIDES OF STAIR AS PER SECTION (1) (A-6.2) PROVIDE P.T. BLOCKING @ EA. HANDRAIL SUPPORT & AS REQ. FOR WALL ATTACHMENT

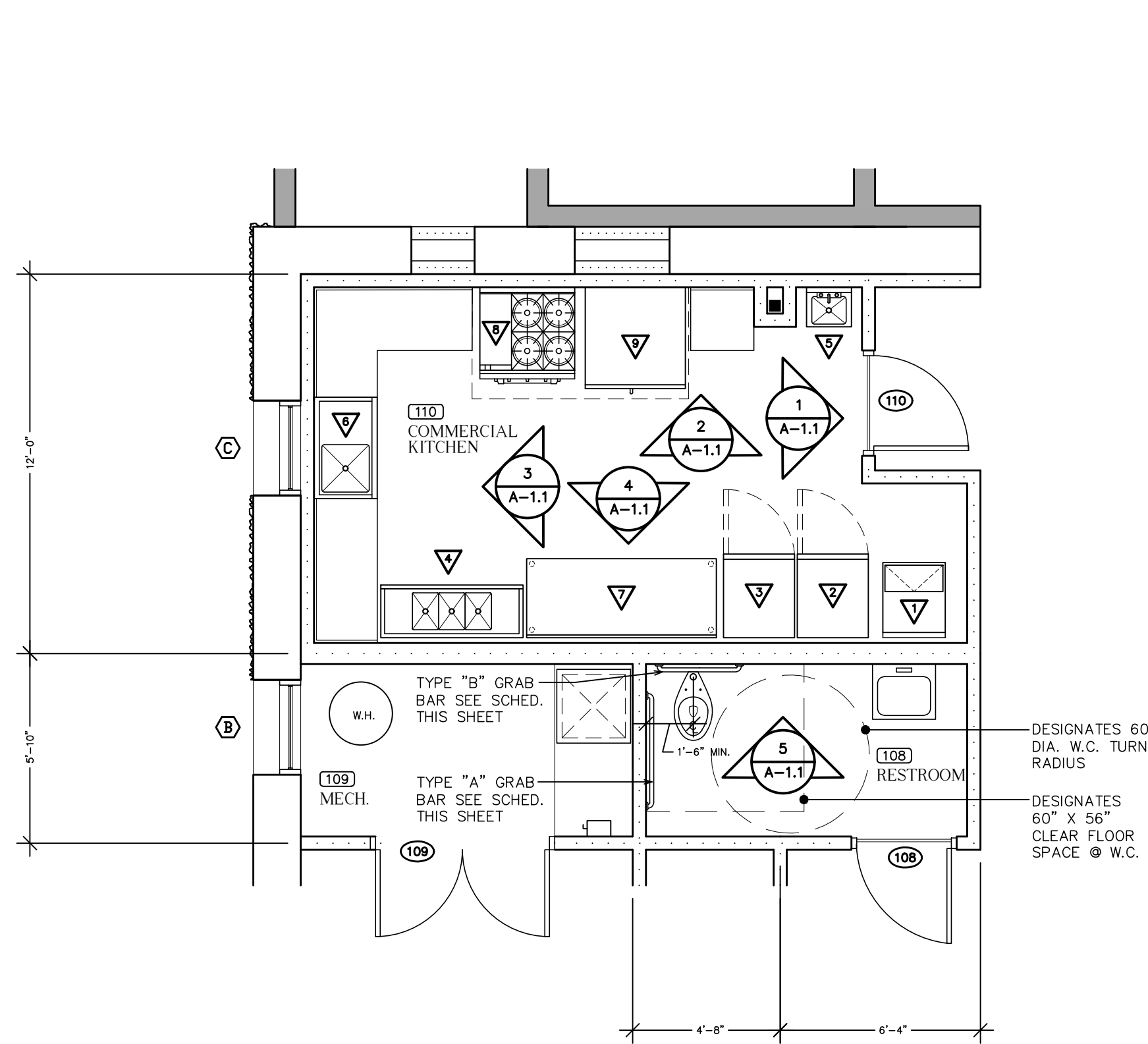
THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. NO PART OF THIS DRAWING IS TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS.

DONOFRO ARCHITECTS
2910 CALEDONIA ST.
MARIANNA, FL 32447
OFFICE: (850) 482-5261
P.O. BOX 861
MARIANNA, FL 32447
FAX: (850) 482-8609

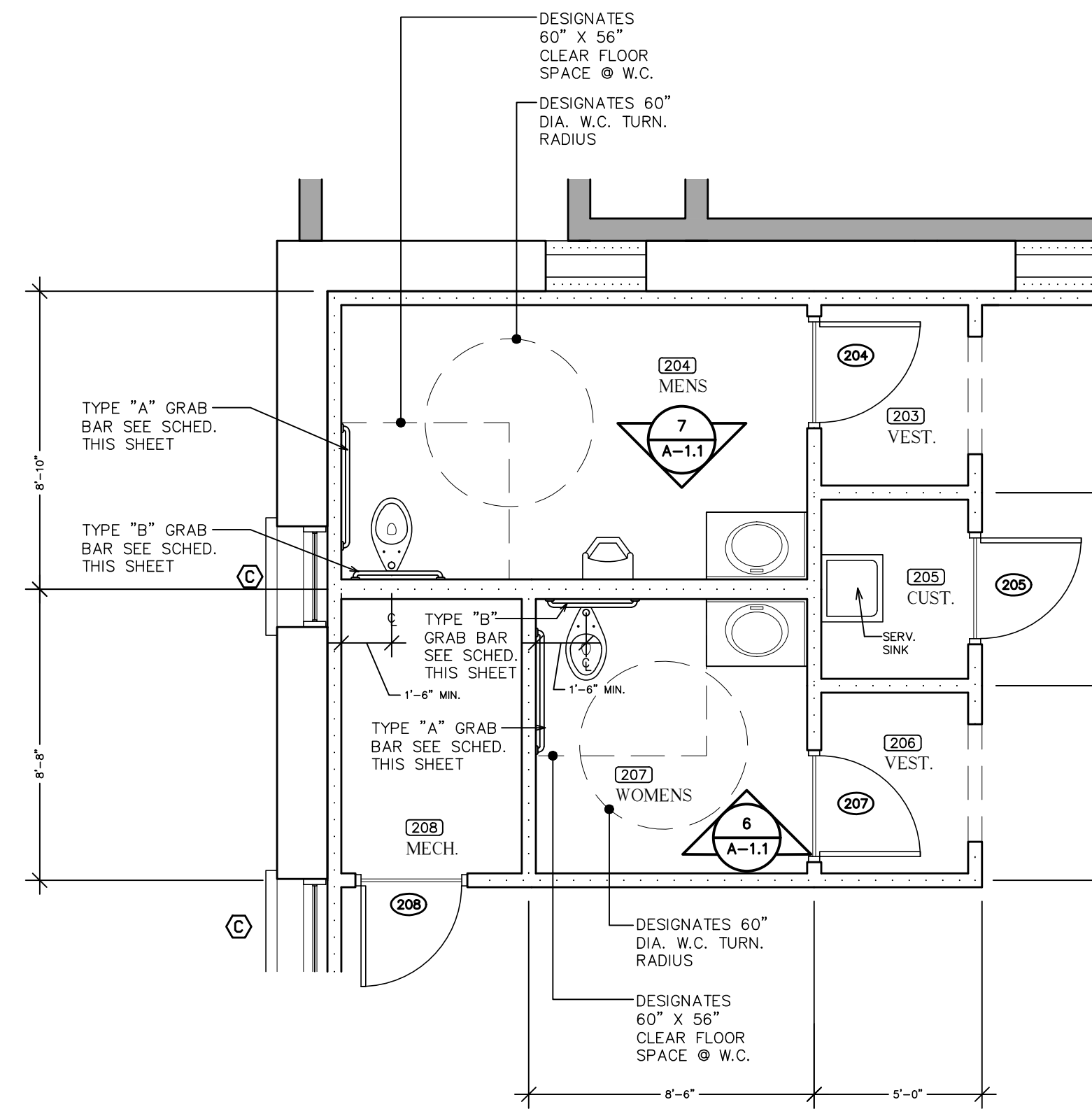
SHEET MAIN LEVEL & SECOND LEVEL FLOOR PLANS
TITLE: LEGEND & NOTES
RESTORATION, PRESERVATION, & ADDITION
TO HISTORIC GRAHAM'S PLACE
FOR:
RENAISSANCE PARK YOUTH CAMP &
FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: NOV. 11, 2024
DRAWN BY: C.L.D.
CHECKED BY: P.A.D., JR.

SHEET No.
A-1.0



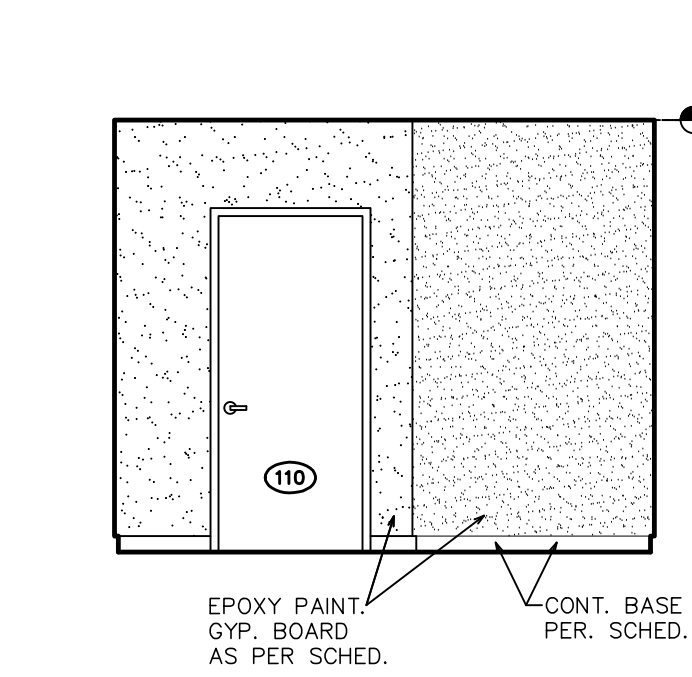
ENLARGED PARTIAL FLOOR PLAN
1/4" = 1'-0"



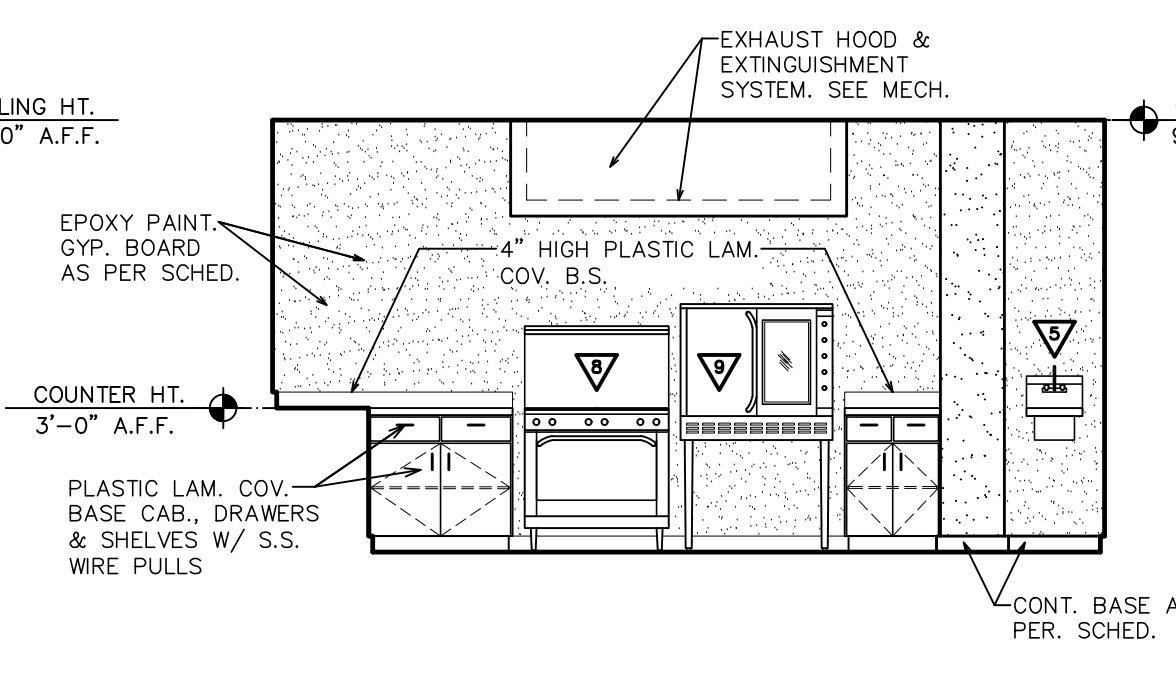
ENLARGED PARTIAL FLOOR PLAN
1/4" = 1'-0"

KITCHEN EQUIPMENT SCHEDULE

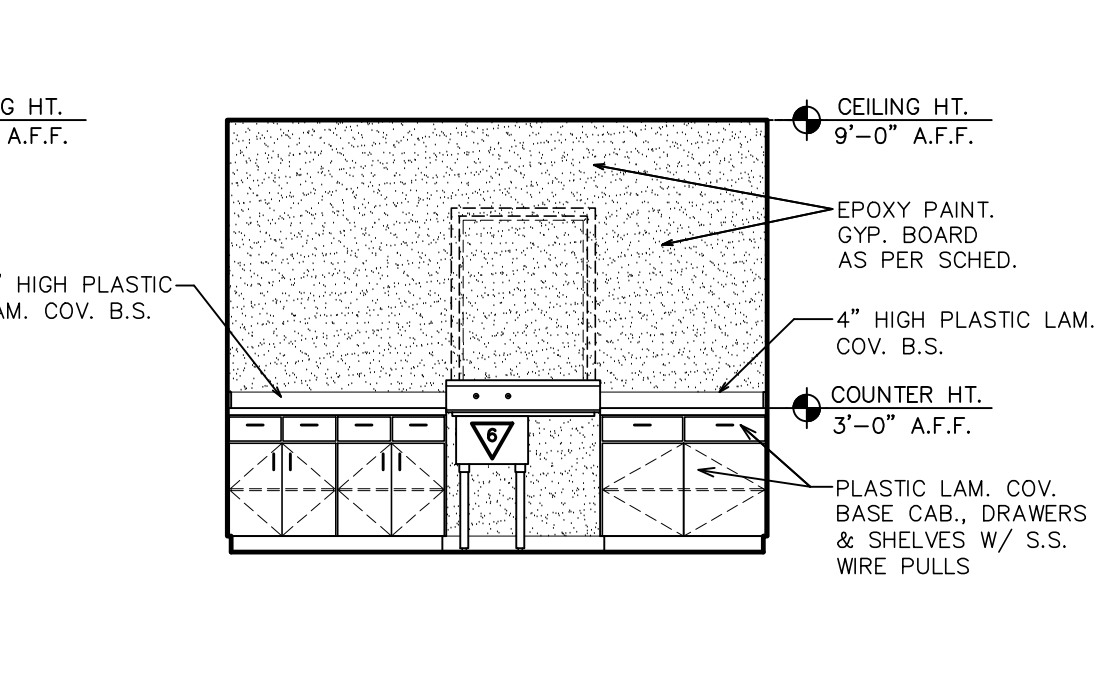
ITEM	DESCRIPTION	SIZE	MANUFACTURER	MODEL #	QUANTITY	NOTE'S
▽	ICE MAKER	38.6"(H) X 23.7"(W) X 28.5"(D)	ANTOSA, INC.	YR280-AP-161	1	
▽	REACH-IN REFRIGERATOR	83.1"(H) X 27"(W) X 31.7"(D)	ANTOSA, INC.	MBF8501GR	1	
▽	REACH-IN FREEZER	83.1"(H) X 27"(W) X 31.7"(D)	ANTOSA, INC.	MBF8501GR	1	
▽	THREE (3) COMPARTMENT SINK	43"(H) X 54"(W) X 20"(D)	TriMark	KES3C1014S-212	1	
▽	HAND SINK	13"(H) X 17"(W) X 15"(D)	TriMark	KHS17	1	
▽	ONE (1) COMPARTMENT SINK	43"(H) X 38.5"(W) X 24"(D)	TriMark	KES1C1818S-R18	1	
▽	WORK TABLE, STAINLESS STEEL TOP	36"(H) X 72"(W) X 30"(D)	TriMark	KEWT3072-2	1	
▽	RANGE, 36", 4 BURNERS, 12" GRIDDLE	56.5"(H) X 36"(W) X 31.5"(D)	ROYAL RANGE, CA.	RR-4G12	1	
▽	COVECTION OVEN, GAS	62"(H) X 38"(W) X 40.5"(D)	ROYAL RANGE, CA.	RCOS-1	1	



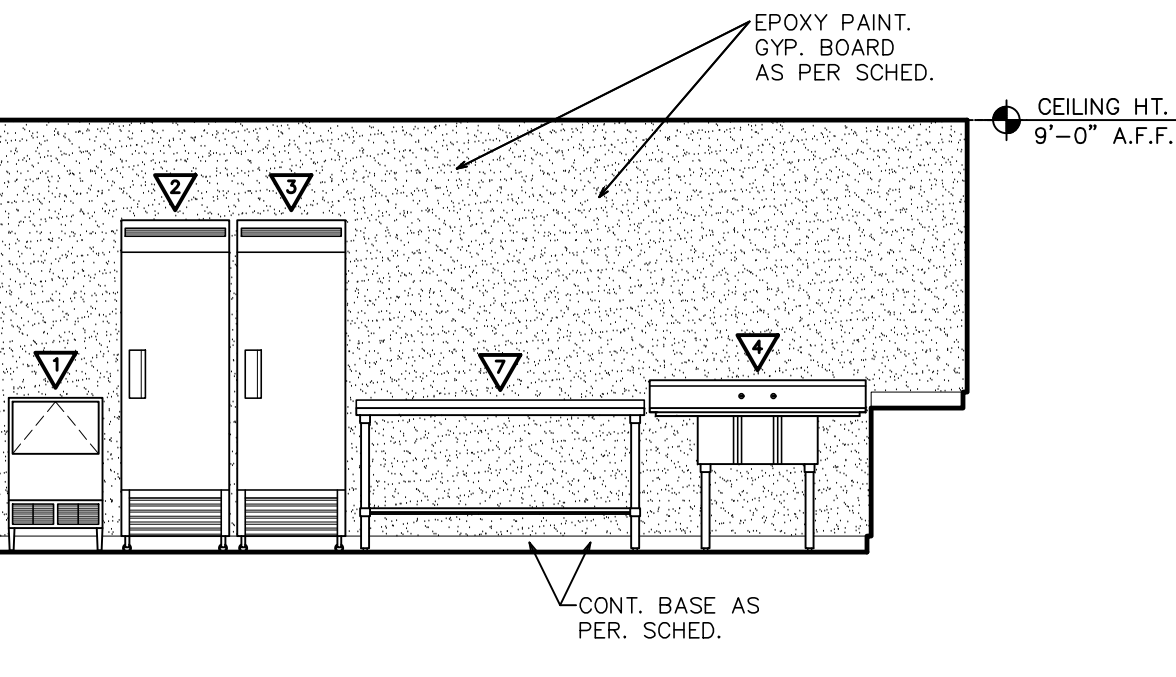
1 INTERIOR ELEVATION
1/4" = 1'-0"
EAST WALL - KITCHEN 110



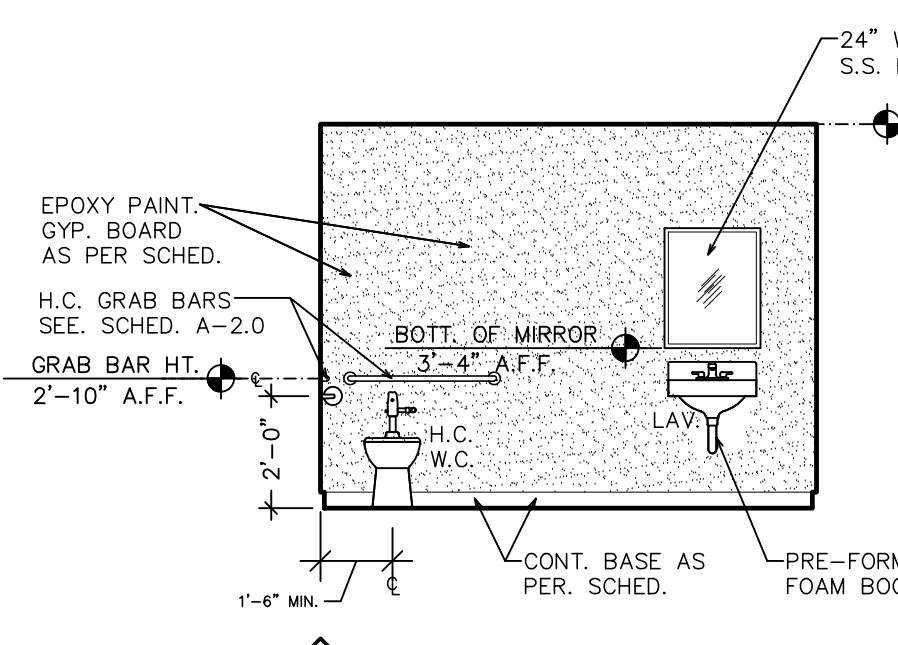
2 INTERIOR ELEVATION
1/4" = 1'-0"
NORTH WALL - KITCHEN 110



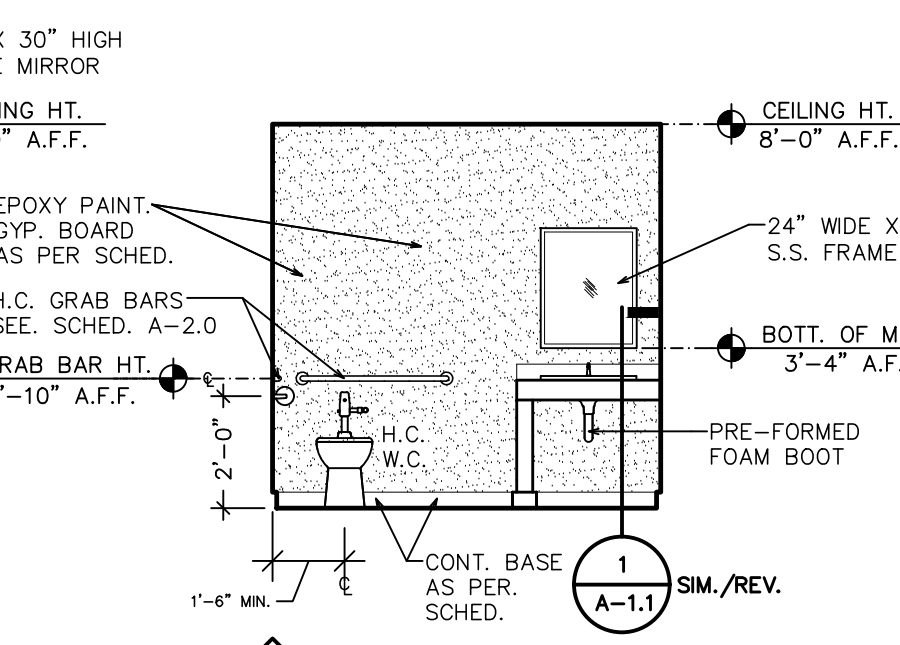
3 INTERIOR ELEVATION
1/4" = 1'-0"
WEST WALL - KITCHEN 110



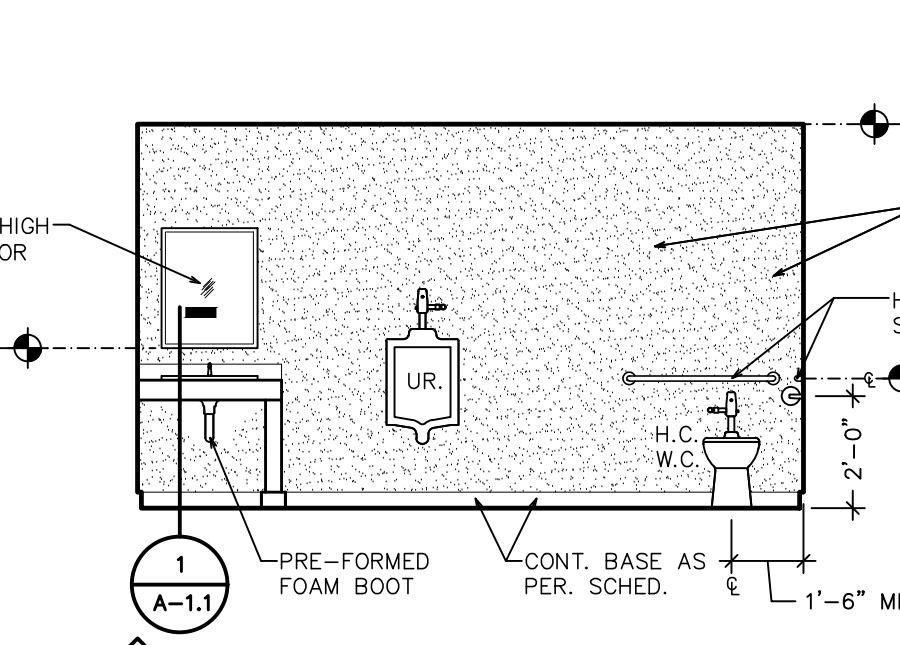
4 INTERIOR ELEVATION
1/4" = 1'-0"
SOUTH WALL - KITCHEN 110



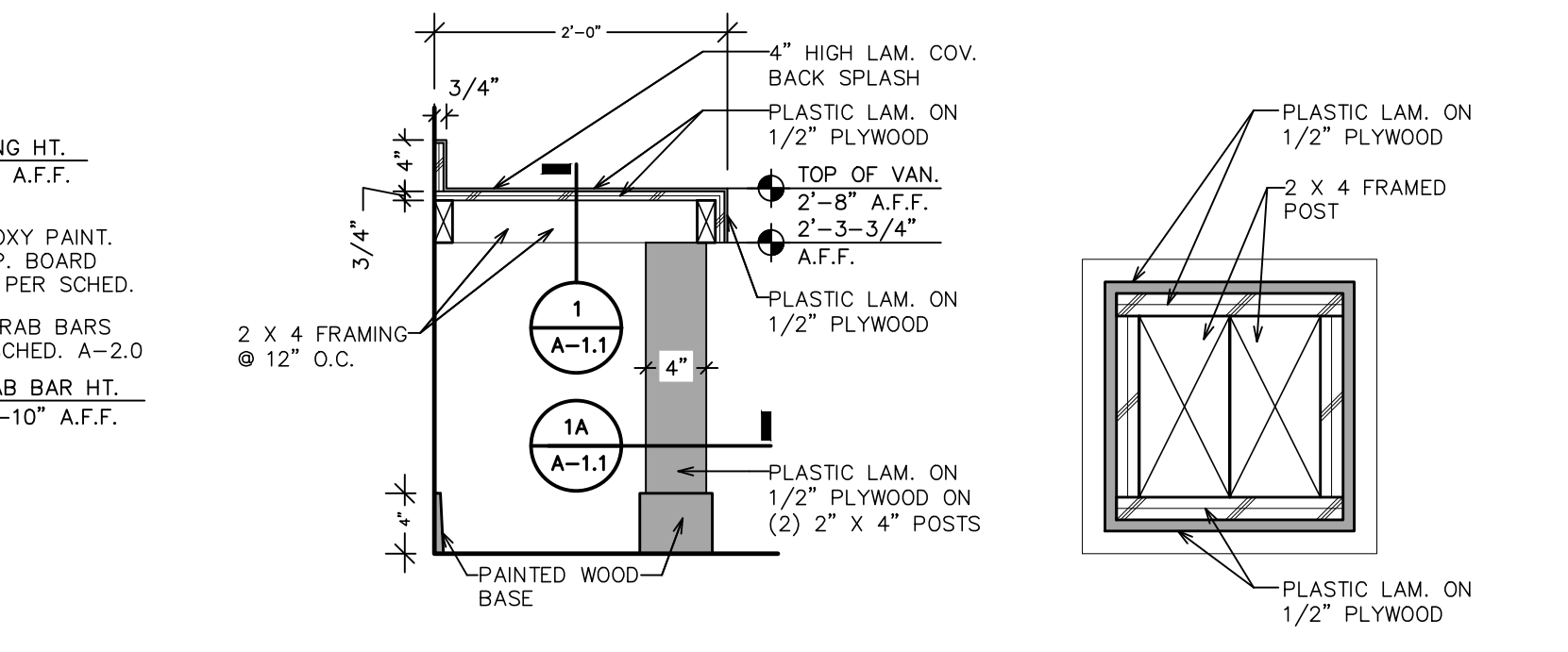
5 INTERIOR ELEVATION
1/4" = 1'-0"
NORTH WALL - RESTROOM 108



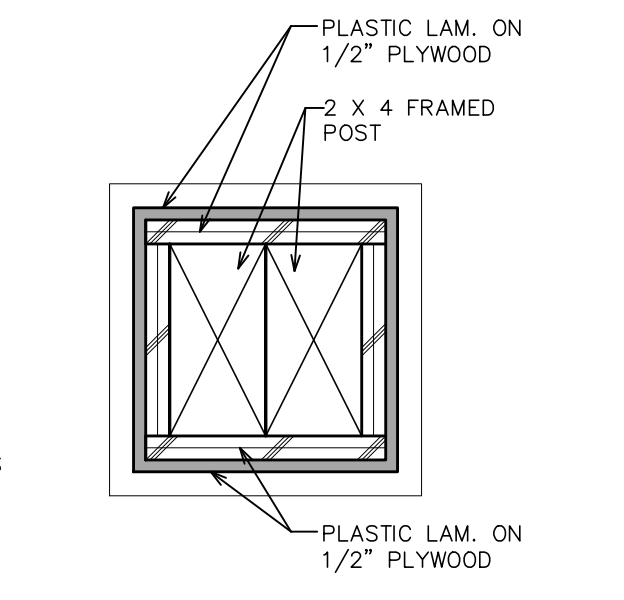
6 INTERIOR ELEVATION
1/4" = 1'-0"
NORTH WALL - WOMENS RESTROOM 207



7 INTERIOR ELEVATION
1/4" = 1'-0"
SOUTH WALL - MENS RESTROOM 204



1 VANITY SECTION
1" = 1'-0"



1A POST DETAIL
3" = 1'-0"

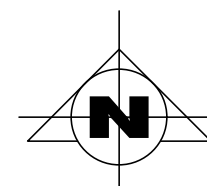
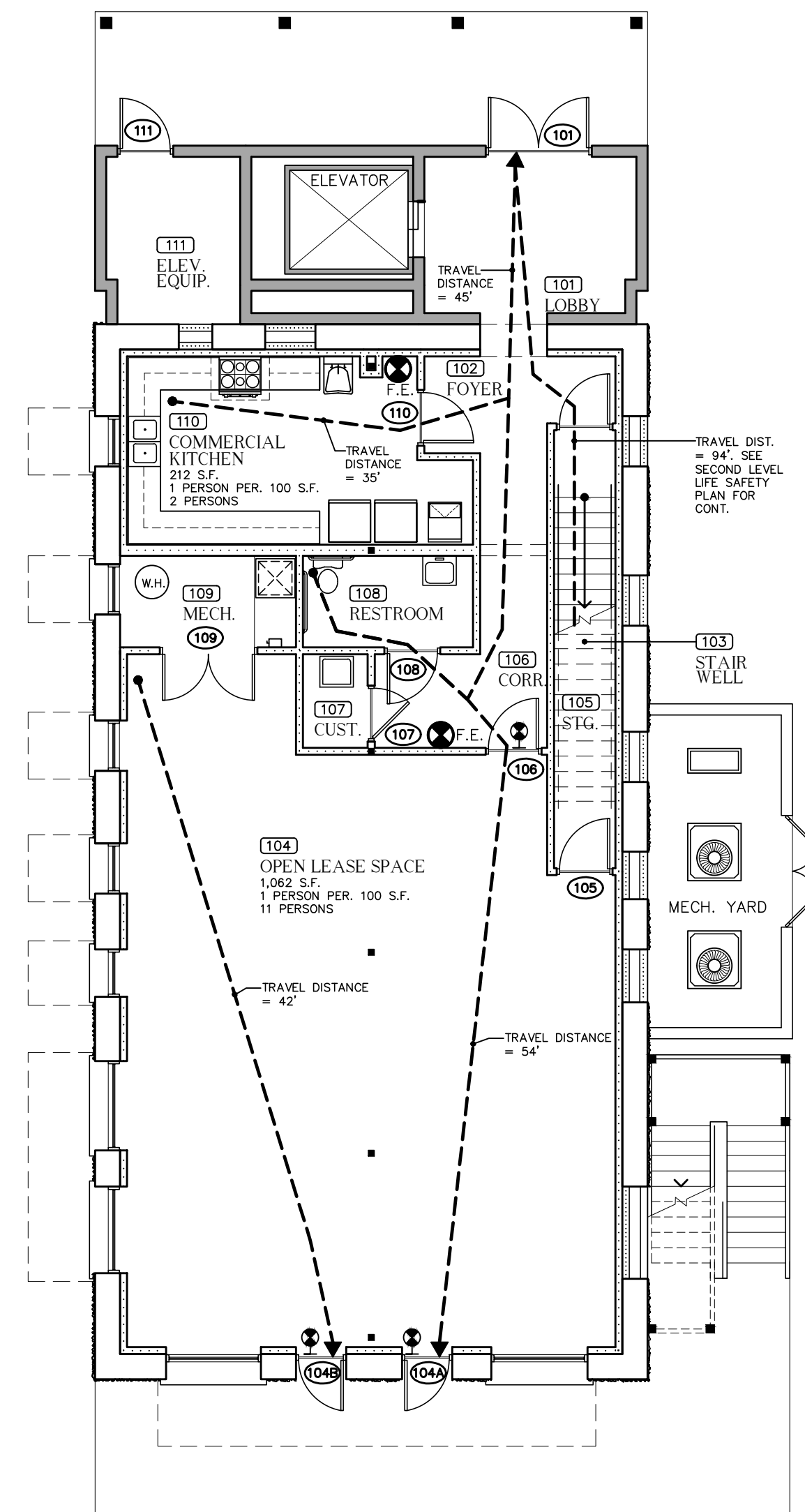
THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR DISTRIBUTION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS, INC. IS STRICTLY PROHIBITED. DONOFRO ARCHITECTS, INC. 2910 CALEDONIA ST. MARIANNA, FL 32447 OFFICE: (850) 482-5261 P.O. BOX 861 MARIANNA, FL 32447 FAX: (850) 482-8609

SHEET ENLARGED PARTIAL FLOOR PLANS - INT. ELEV. TITLE: KITCHEN EQUIPMENT SCHEDULE - VAN. SECTION FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC. MARIANNA, FLORIDA

JOB NUMBER: M-2022-21 DATE: NOV. 11, 2024 DRAWN BY: C.L.D. CHECKED BY: P.A.D., JR.

SHEET No.

A-1.1



MAIN LEVEL LIFE SAFETY PLAN

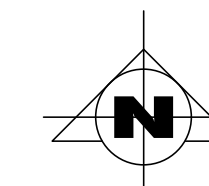
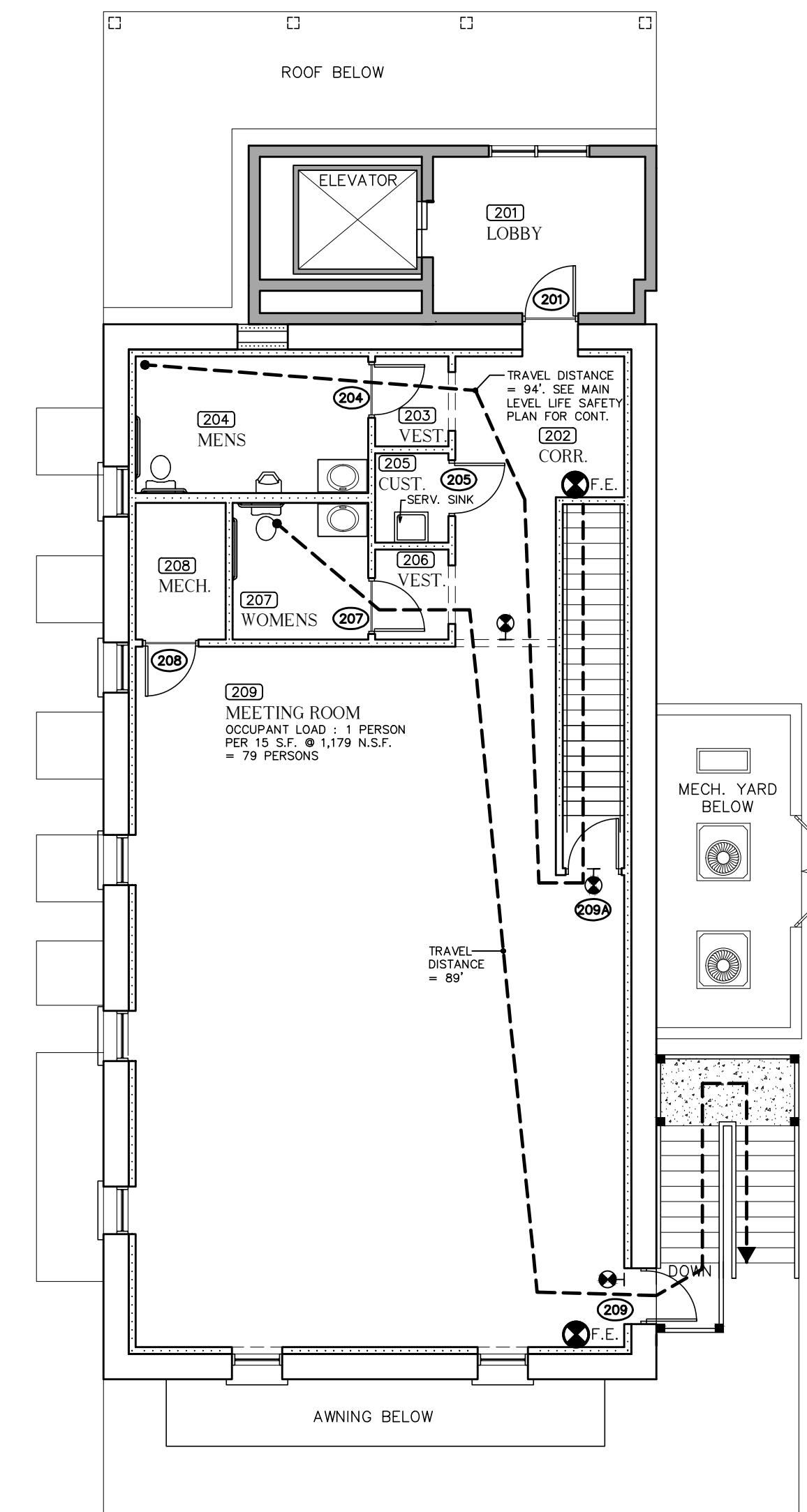
1/8" = 1'-0"

OCCUPANT LOAD MAIN LEVEL : 1 PERSONS PER 100 S.F. @ 2,429 G.S.F. = 24 PERSONS

LIFE SAFETY LEGEND

⊕	WALL MTD. EMERGENCY EXIT LIGHT. SEE ELECT. DWGS.	---	INDICATE'S MAXIMUM TRAVEL DISTANCE
⊗	CEILING MTD. EMERGENCY EXIT LIGHT SEE ELECT. DWGS.		1 HOUR RATED WALL ASSEMBLY. SEE CONSTRUCTION SECTIONS 1/A-5.1
⊕	WALL MTD. DIRECTIONAL EMERGENCY EXIT LIGHT	⊠	FIRE ALARM SYSTEM SIGNAL SPEAKER/STROBE SEE ELECT. DWGS.
●	CEILING MTD. FIRE ALARM SYSTEM AUTOMATIC SMOKE DETECTOR. SEE ELECT. DWGS.	⊠	FIRE ALARM SYSTEM MANUAL PULL STATION. SEE ELECT. DWGS.
⊕	CEILING MTD. AUTOMATIC HEAT DETECTOR. SEE ELECT. DWGS.	⊗	FIRE EXTINGUISHER
⊕	FIRE ALARM SYSTEM STROBE. SEE ELECT. DWGS.		

NOTE!
SEE ELECTRICAL DRAWINGS FOR LIGHTS W/ EMERGENCY BATTERY BACK UP



SECOND LEVEL LIFE SAFETY PLAN

1/8" = 1'-0"

PROJECT INFORMATION

OCCUPANCY CLASSIFICATION — MAIN LEVEL — BUSINESS GROUP B
SECOND LEVEL — ASSEMBLY GROUP A-3

CONSTRUCTION TYPE — TYPE V (5) B

BUILDING SQUARE FOOTAGE
 - EXISTING MAIN LEVEL = 2,079 S.F.
 - EXISTING SECOND LEVEL = 2,079 S.F.
 - MAIN LEVEL ADDITION = 349 S.F.
 - SECOND LEVEL ADDITION = 258 S.F.
 - TOTAL S.F. = 4,765 S.F.

OCCUPANT LOAD — 1ST FLOOR — (13) PERSONS
2ND FLOOR — (79) PERSONS

EXIT ACCESS TRAVEL DISTANCE —
MIN. # OF EXITS — (2) PER FLOOR REQUIRED / PROVIDED

AUTOMATIC FIRE PROTECTION —
SPRINKLER SYSTEM

FIRE ALARM SYSTEM — REQUIRED / PROVIDED

PORTABLE FIRE EXTINGUISHERS — REQUIRED / PROVIDED

CORRIDOR RATING —

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS, INC. SUBJECT TO LITIGATION.

DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

SHEET MAIN LEVEL & SECOND LEVEL LIFE SAFETY PLANS * LEGEND * NOTES
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: NOV. 11, 2024
 DRAWN BY: C.L.D.
 CHECKED BY: P.A.D., JR.

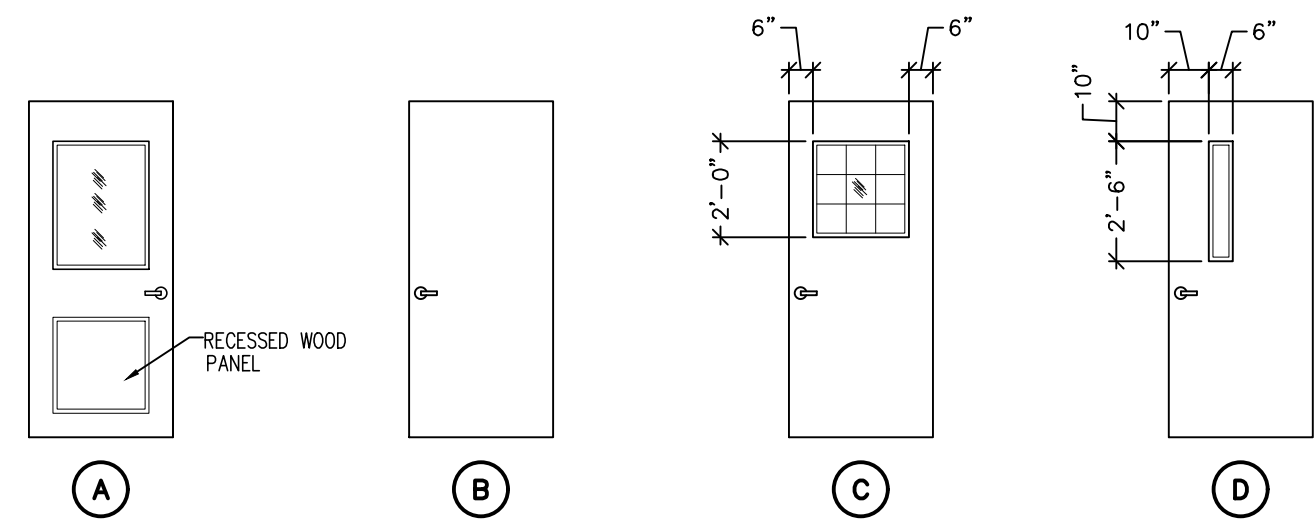
SHEET No.
A-1.2

DOOR SCHEDULE

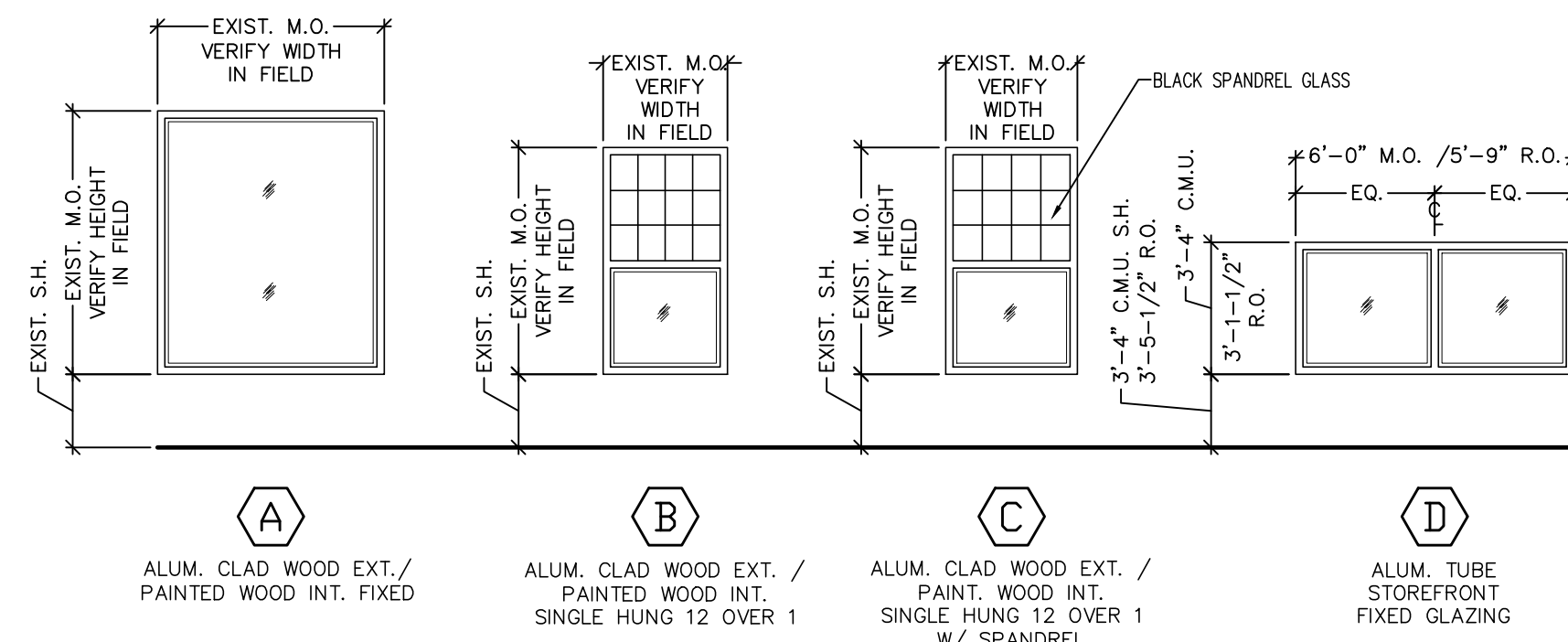
DOOR NUMBER	DOOR SIZE			DOOR DESCRIPTION	DOOR TYPE	FRAME DESCRIPTION	FRAME TYPE	HARDWARE			REMARKS	SIGNAGE		DOOR NUMBER
	WIDTH	HEIGHT	THICKNESS					SET NUMBER	CLOSER	WEATHERSTRIPPING		PUSH	PULL	
101	3'-0"	7'-0"	1-3/4"	FIBERGLASS GLASS PANEL	A	HOLLOW METAL	A	●	●		PAIR OF DOORS			101
102	NO DOOR FOR THIS NUMBER			NO DOOR FOR THIS NUMBER							NO DOOR FOR THIS NUMBER			102
103	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	B	HOLLOW METAL	B	●	●		1 HR RATED DOOR & FRAME		STAIRS	103
104A	2'-8"	7'-0"	1-3/4"	FIBERGLASS GLASS PANEL	A	WOOD	B	●	●		CONTRACTOR TO VERIFY EXIST. MASON. OPNG TO ACCOMMODATE NEW DOOR & FRAME			104A
104B	2'-8"	7'-0"	1-3/4"	FIBERGLASS GLASS PANEL	A	WOOD	B	●	●		CONTRACTOR TO VERIFY EXIST. MASON. OPNG TO ACCOMMODATE NEW DOOR & FRAME			104B
105	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	B	HOLLOW METAL	B	●	●		1 HR RATED DOOR & FRAME		STORAGE	105
106	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	D	HOLLOW METAL	B	●						106
107	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	B	HOLLOW METAL	B						CUSTODIAL	107
108	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	B	HOLLOW METAL	B						RESTROOM HANDICAP ACCESS SYMBOL	108
109	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	B	HOLLOW METAL	C				PAIR OF DOORS		MECHANICAL	109
110	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	D	HOLLOW METAL	B						KITCHEN	110
111	3'-0"	7'-0"	1-3/4"	HOLLOW METAL FLUSH PANEL	B	HOLLOW METAL	D						ELEVATOR EQUIPMENT	111
201	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	D	HOLLOW METAL	D	●				LOBBY	MEETING	201
202	NO DOOR FOR THIS NUMBER			NO DOOR FOR THIS NUMBER							NO DOOR FOR THIS NUMBER			202
203	NO DOOR FOR THIS NUMBER			NO DOOR FOR THIS NUMBER							NO DOOR FOR THIS NUMBER			203
204	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	B	HOLLOW METAL	B						MENS TOILET 1/2 ACCESS SYM.	204
205	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	B	HOLLOW METAL	B						CUSTODIAL	205
206	NO DOOR FOR THIS NUMBER			NO DOOR FOR THIS NUMBER							NO DOOR FOR THIS NUMBER			206
207	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	B	HOLLOW METAL	B						WOMENS TOILET 1/2 ACCESS SYM.	207
208	3'-0"	7'-0"	1-3/4"	SOLID CORE WOOD FLUSH PANEL	B	HOLLOW METAL	B						MECHANICAL	208
209	3'-0"	7'-0"	1-3/4"	HOLLOW METAL FLUSH PANEL	D	HOLLOW METAL	D	●						209
209A	3'-0"	7'-0"	1-3/4"	SOLID WOOD FLUSH PANEL	D	HOLLOW METAL	B	●			1 HR RATED DOOR & FRAME		STAIRS	209A

ROOM FINISH SCHEDULE

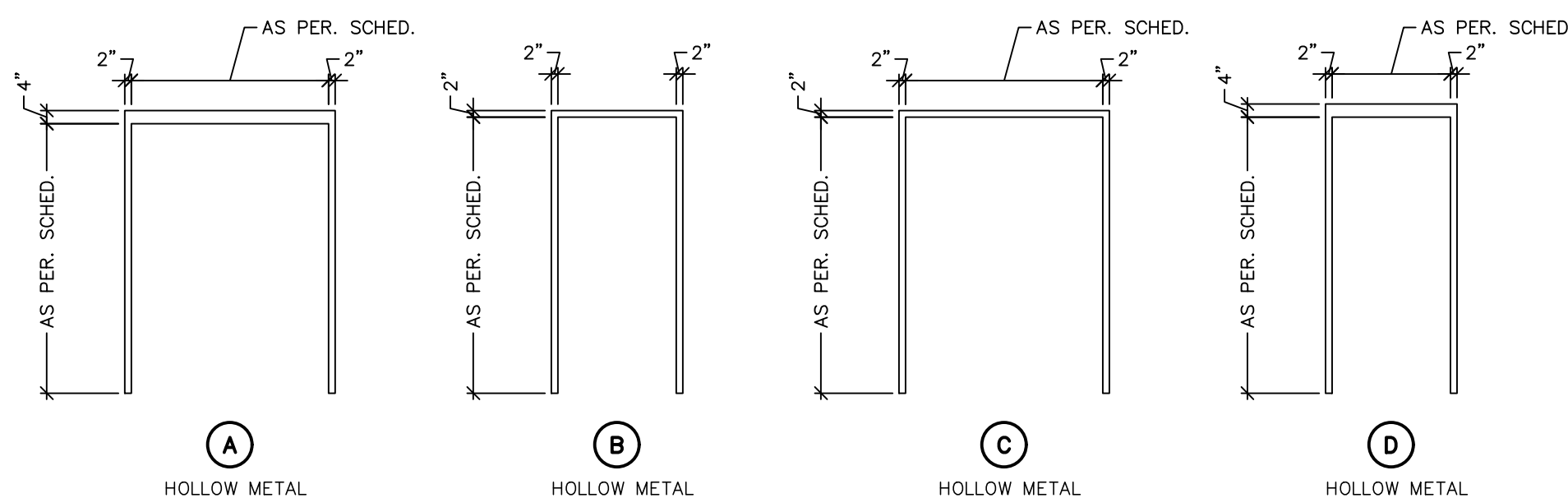
ROOM NUMBER	ROOM NAME	FLOORING				BASE		WALLS			CEILING			CEILING HEIGHT	REMARKS	ROOM NUMBER
		CARPET TILE	SOLID VINYL PLANK TILE	CERAMIC TILE	SEALED CONC.	RUBBER	WOOD	CERAMIC TILE	NONE	PAINTED GYP. BOARD	TPPOXY PAINTED EXTENSUM BOARD	NONE / EXISTING	SUSPENDED			
101	LOBBY													9'-0"		101
102	FOYER													9'-0"		102
103	STAIRWELL													VARIES		103
104	OPEN LEASE SPACE													11'-0"		104
105	STORAGE													9'-0"		105
106	CORRIDOR													9'-0"		106
107	CUSTODIAL													9'-0"		107
108	RESTROOM													8'-0"		108
109	MECHANICAL													9'-0"		109
110	COMMERCIAL KITCHEN													9'-0"		110
111	ELEVATOR EQUIPMENT ROOM													9'-0"		111
201	LOBBY													9'-0"		201
202	CORRIDOR													9'-0"		202
203	VESTIBULE													8'-0"		203
204	MENS RESTROOM													8'-0"		204
205	CUSTODIAL													8'-0"		205
206	VESTIBULE													8'-0"		206
207	WOMENS RESTROOM													8'-0"		207
208	MECHANICAL													9'-0"		208
209	MEETING ROOM													NONE		209



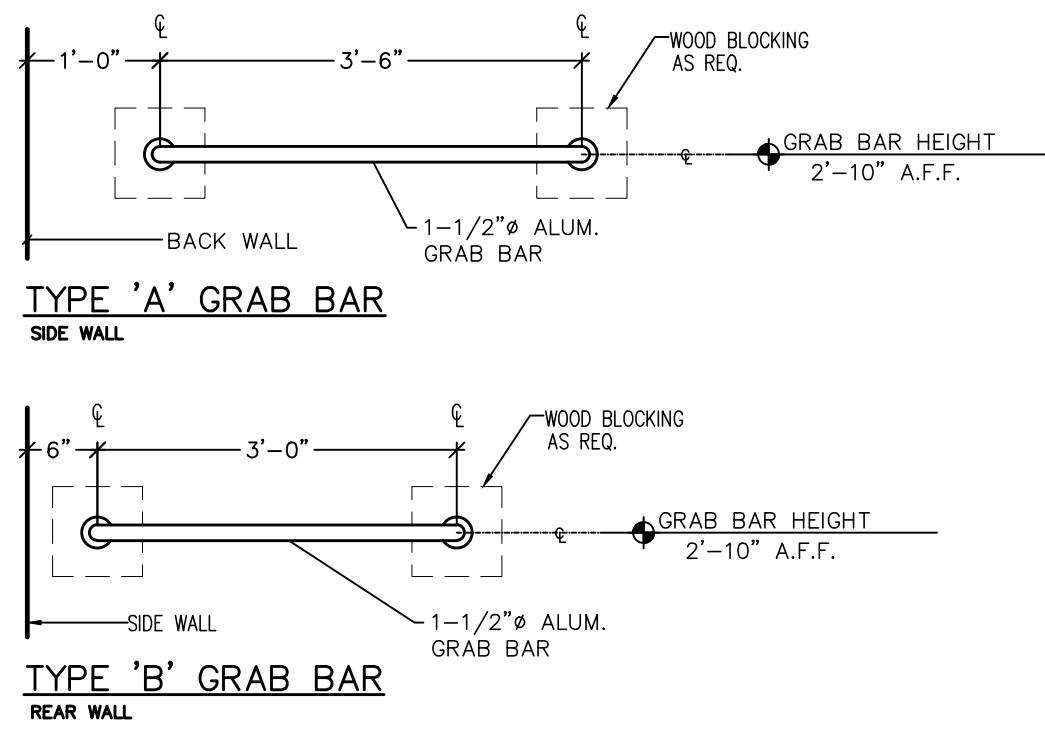
DOOR TYPES
1/4" = 1'-0"



WINDOW TYPES
1/4" = 1'-0"



DOOR FRAME TYPES
1/4" = 1'-0"



GRAB BAR SCHEDULE

NO SCALE
NOTE:
PROVIDE WOOD BLOCKING AS REQ.

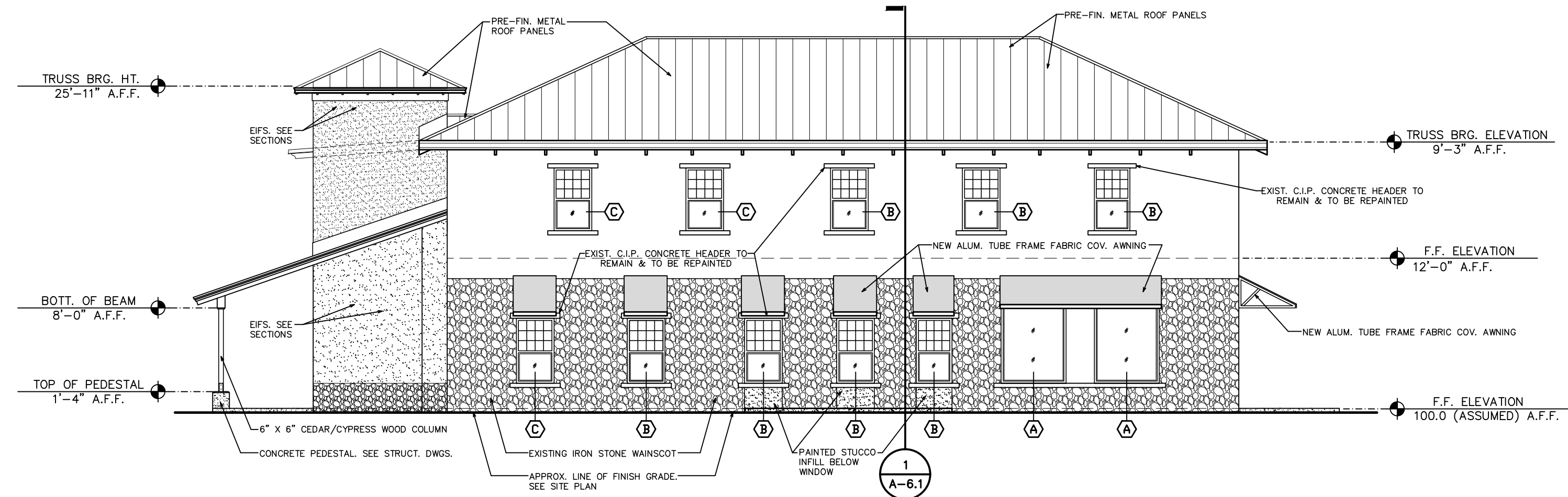
THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS. SUBMIT TO ALL. ACTION.

DONOFRO ARCHITECTS
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261
P.O. BOX 861
MARIANNA, FL 32447
FAX: (850) 482-8609

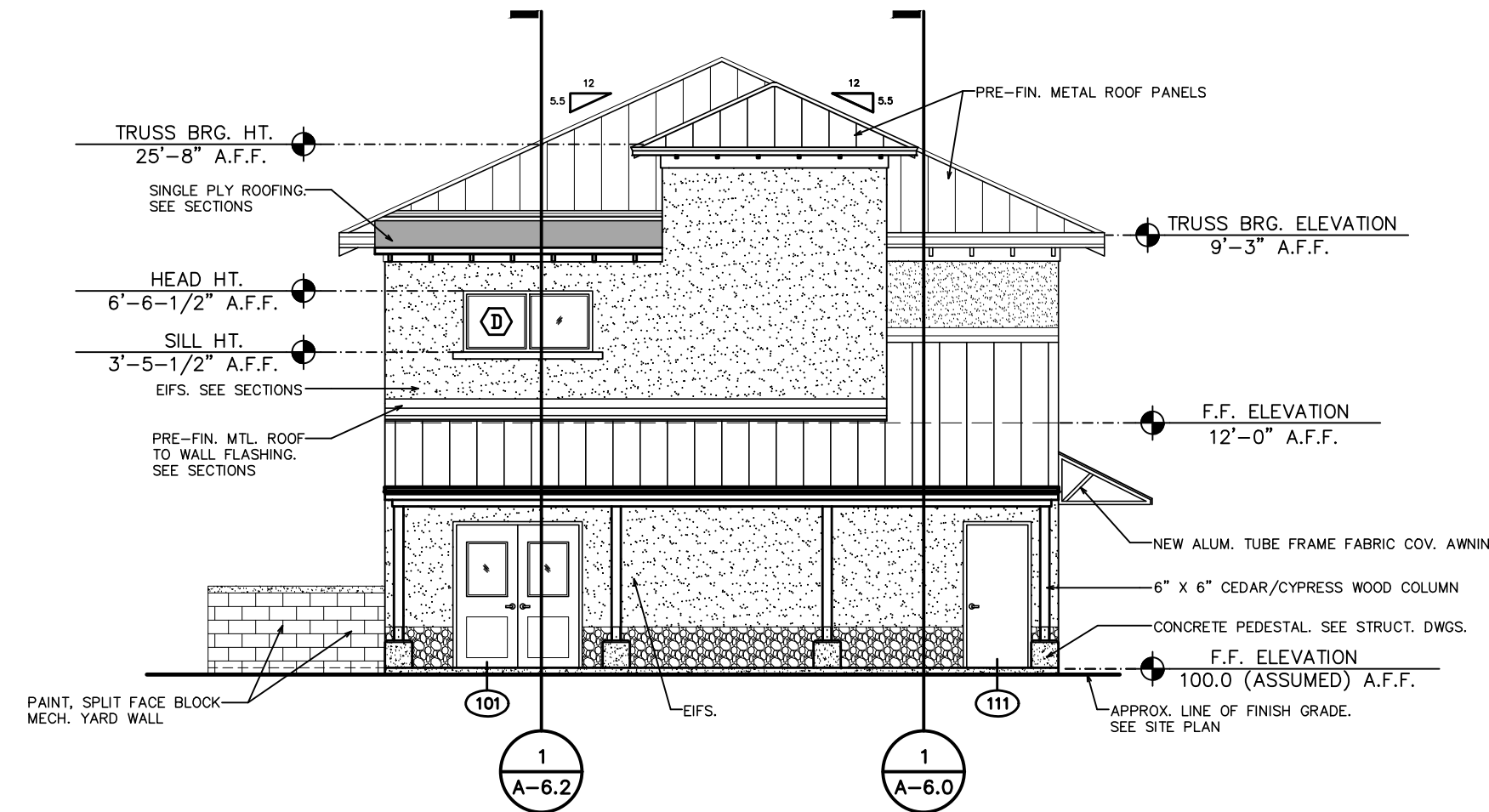
SHEET ROOM FINISH, DOOR & GRAB BAR SCHEDULES.
TITLE: DOOR & DOOR FRAME TYPES & WINDOW TYPES
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: NOV. 11, 2024
DRAWN BY: C.L.D.
CHECKED BY: P.A.D., JR.

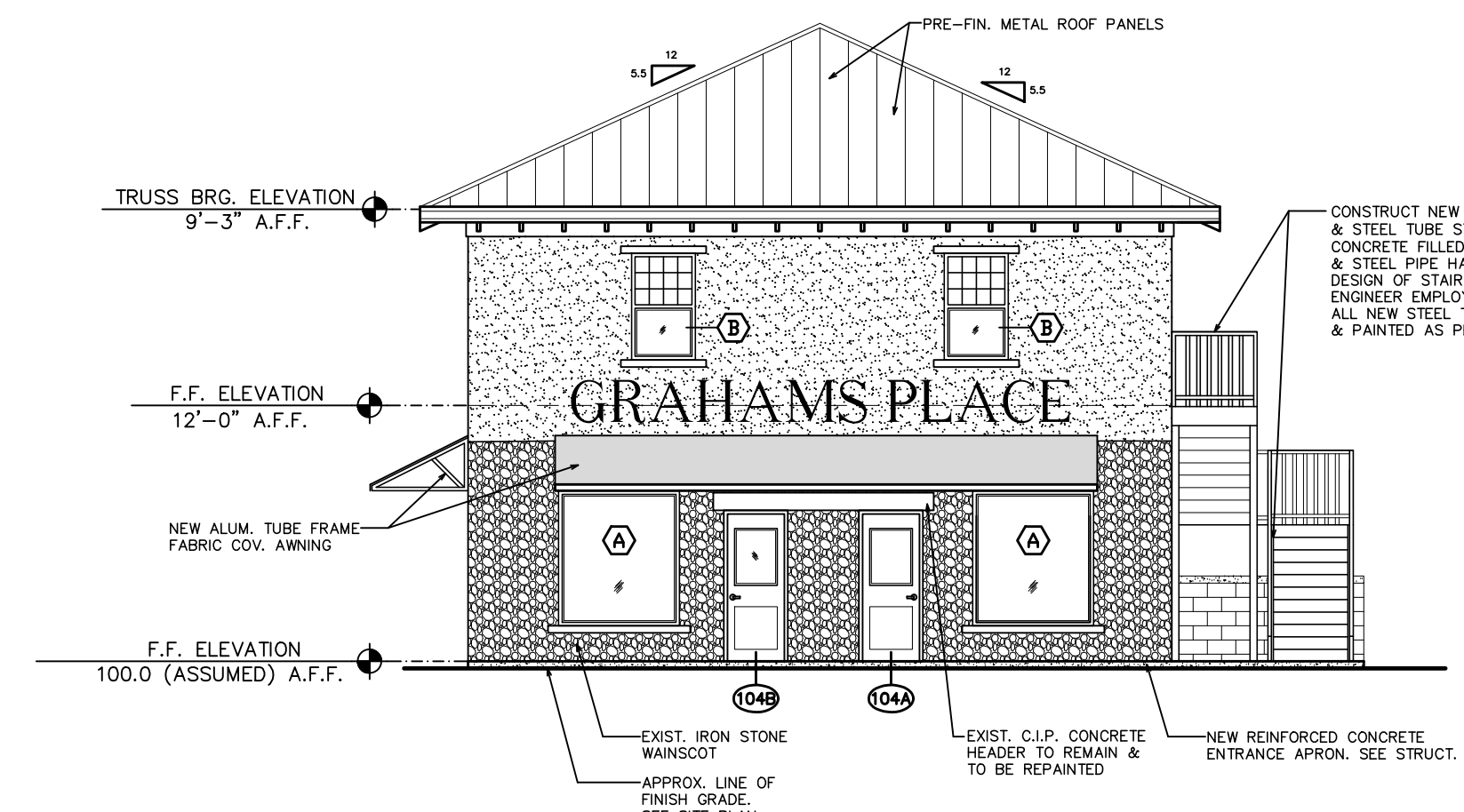
SHEET No.
A-2.0



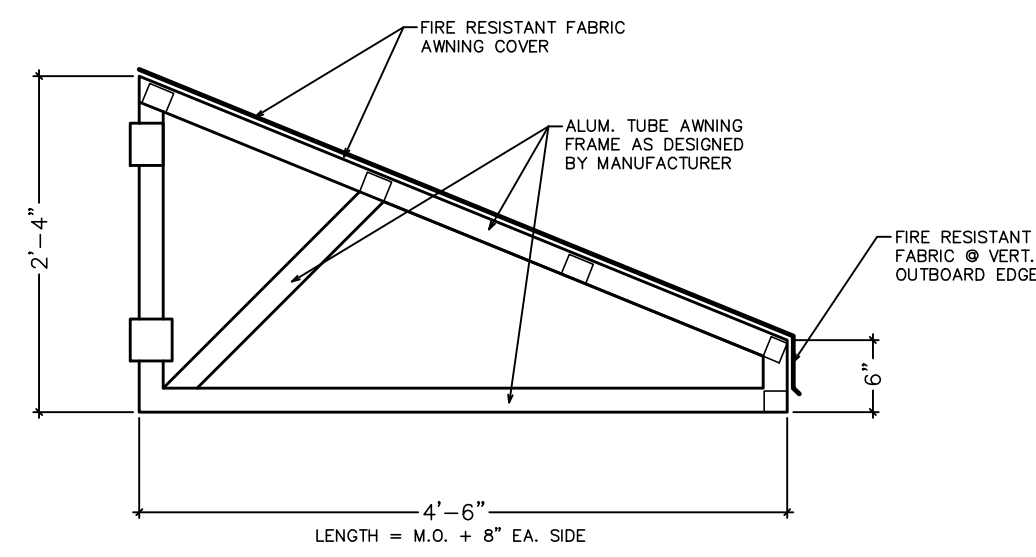
1 WEST ELEVATION
1/8" = 1'-0"



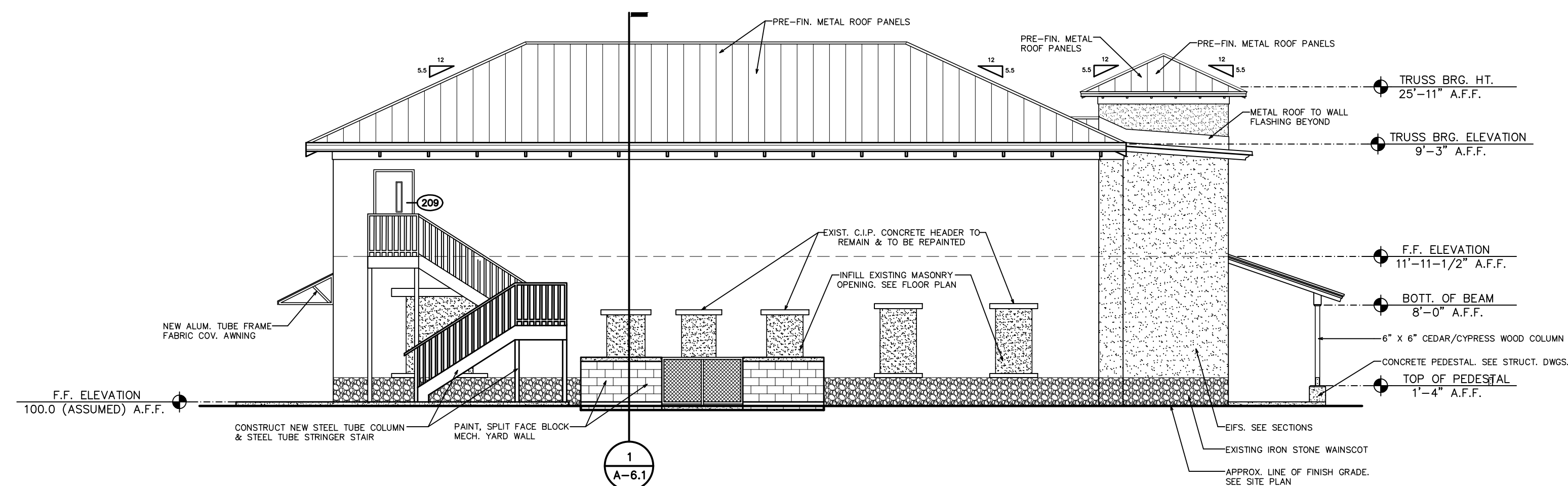
2 NORTH ELEVATION
1/8" = 1'-0"



3 SOUTH ELEVATION
1/8" = 1'-0"



1 FABRIC COVERED AWNING
3/4" = 1'-0"



4 EAST ELEVATION
1/8" = 1'-0"

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS PROHIBITED. DONOFRO ARCHITECTS IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS. SUBMIT TO ALL. ACTION.

DONOFRO ARCHITECTS

DONOFRO ARCHITECTS

2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261

P.O. BOX 861
MARIANNA, FL 32447
FAX: (850) 482-8609

SHEET NEW WORK ELEVATIONS

TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE

FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21

DATE: NOV. 11, 2024

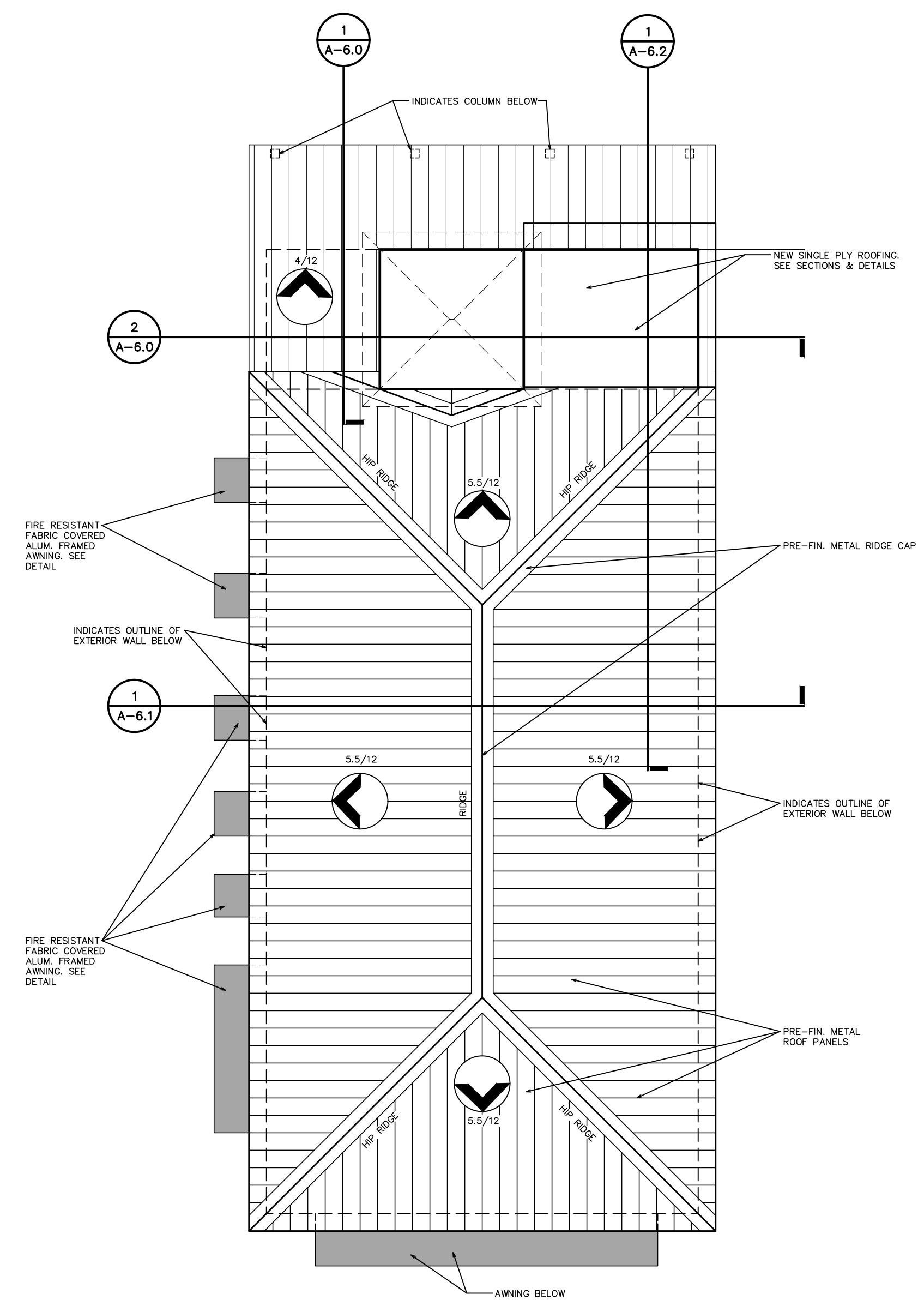
DRAWN BY: C.L.D.

CHECKED BY: P.A.D., JR.

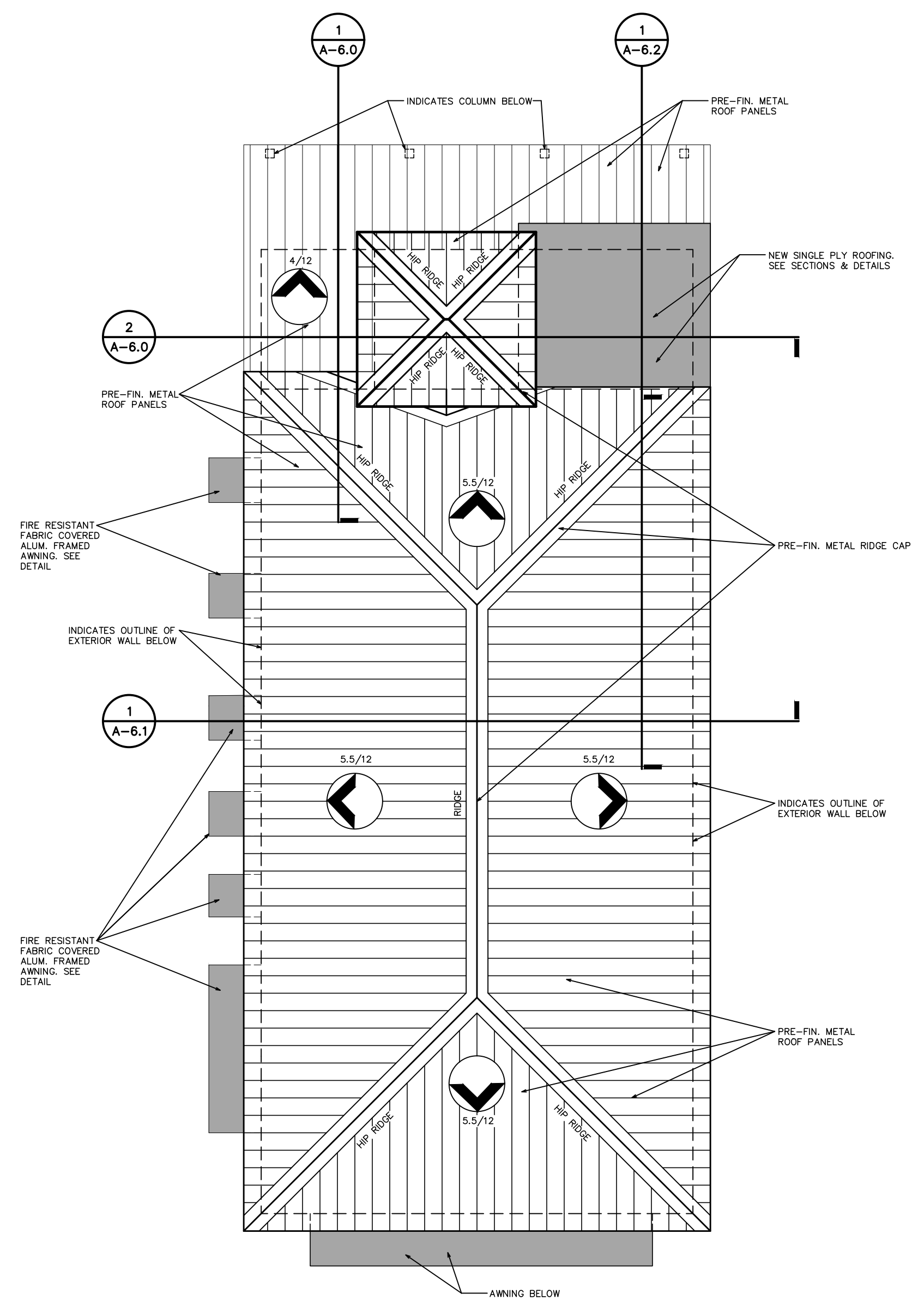
SHEET No.

A-3.0

REVIEW DRAWINGS NOT FOR CONSTRUCTION



LOW ROOF PLAN
 1/8" = 1'-0"



HIGH ROOF PLAN
 1/8" = 1'-0"

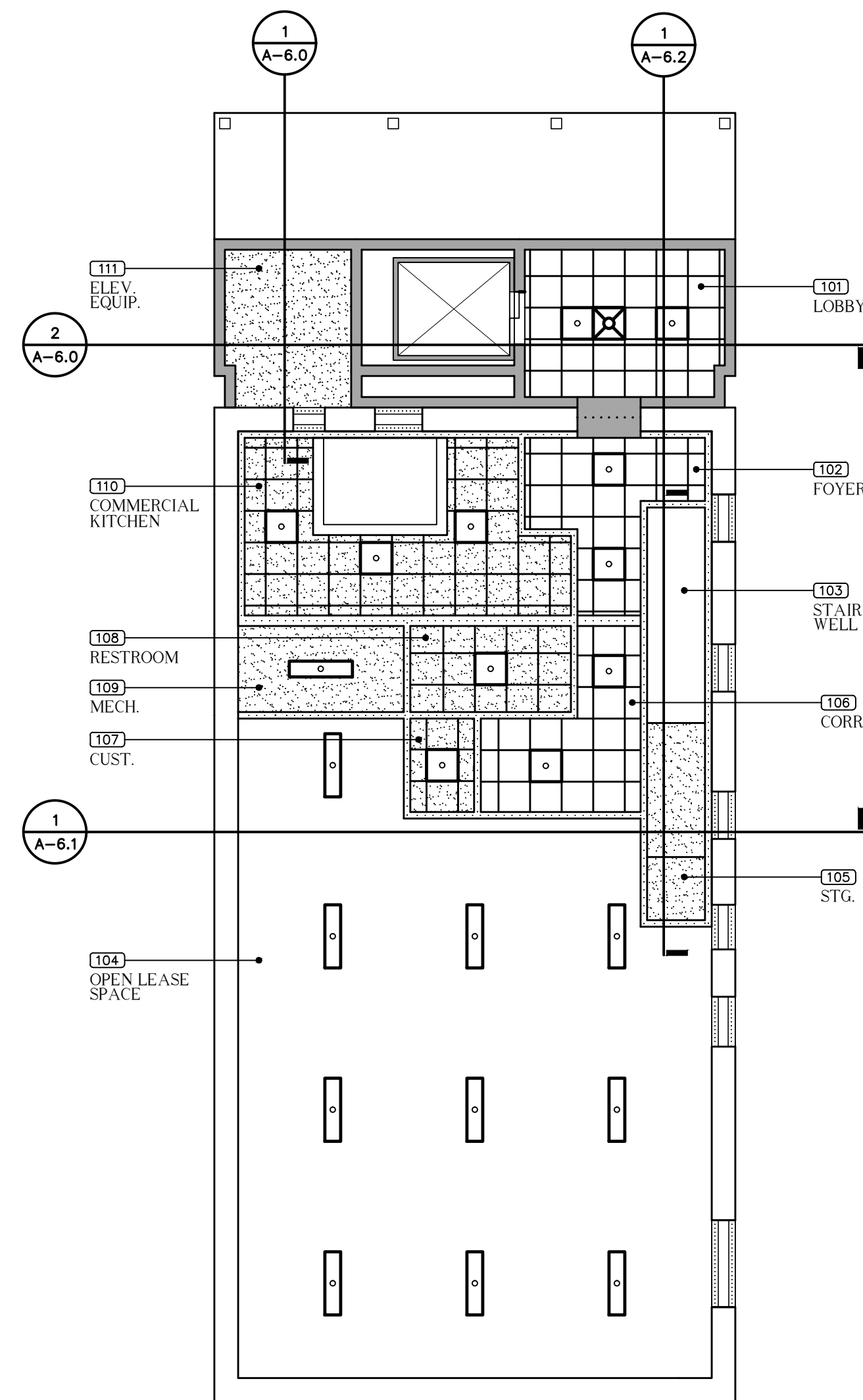
THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS, ASSOCIATES, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS, ASSOCIATES, INC. SUBJECT TO LITIGATION.

DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

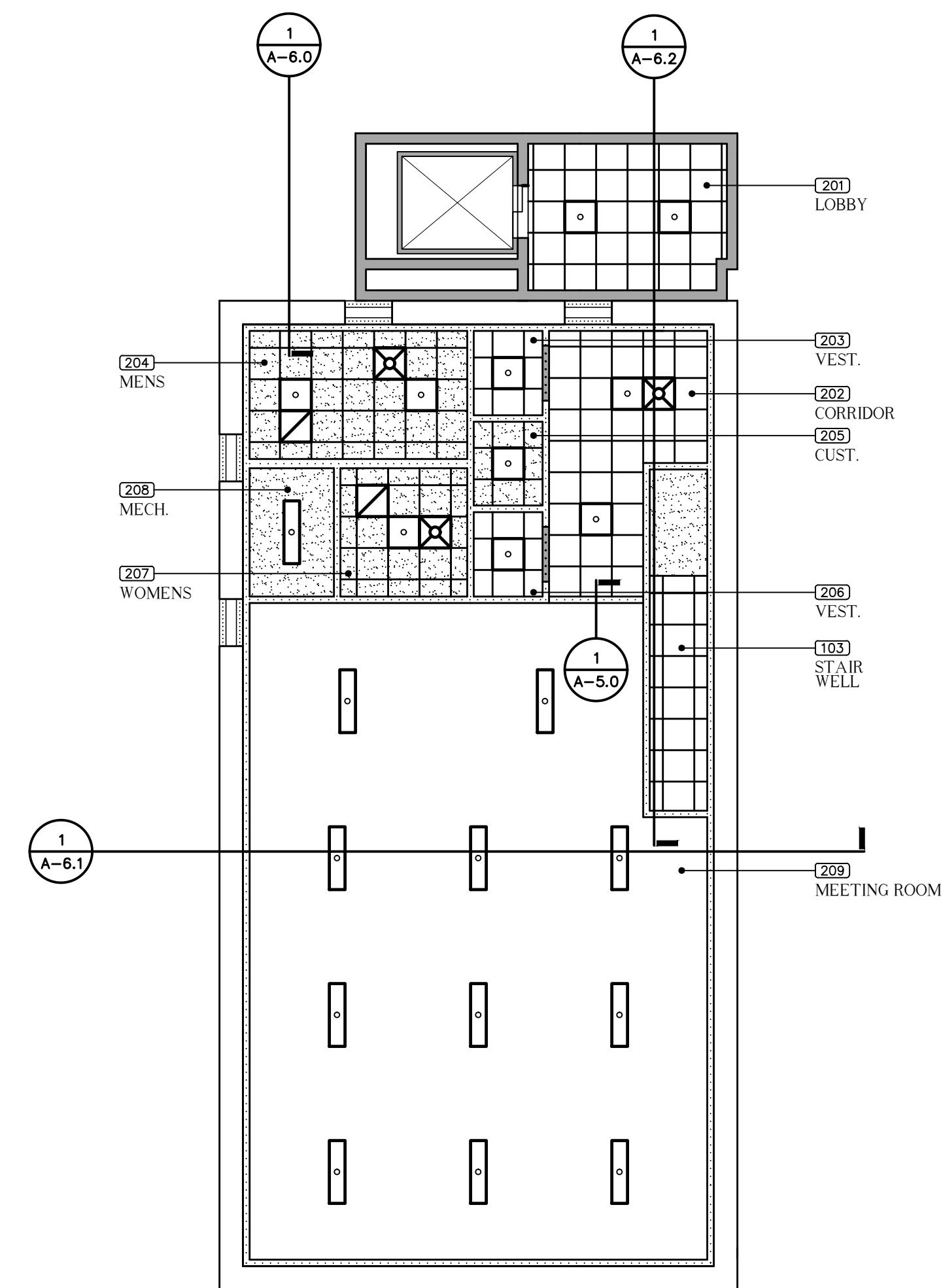
SHEET NEW WORK ROOF PLAN
 TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: NOV. 11, 2024
 DRAWN BY: C.L.D.
 CHECKED BY: P.A.D., JR.

SHEET No.
A-4.0



MAIN LEVEL FLOOR PLAN
1/8" = 1'-0"



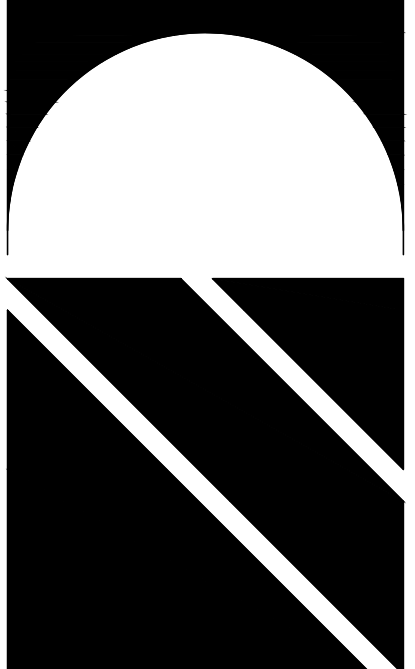
SECOND LEVEL FLOOR PLAN
1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

	INDICATES NEW 2' x 2' SUSPENDED GRID & ACOUSTICAL TILE CEILING SYSTEM W/ 3-1/2" THICK SOUND ATTENUATION BLANKETS OVER ALL TILE.		LIGHT FIXTURE, SEE ELECTRICAL		CEILING MTD. EXIT LIGHT W/ DIRECTIONAL ARROWS & BATTERY BACK UP SEE ELECT.
	INDICATES NEW 2' x 2' SUSPENDED GRID & VINYL COVERED GYP. BOARD TILE CEILING SYSTEM W/ 3-1/2" THICK SOUND ATTENUATION BLANKETS OVER ALL TILE.		LIGHT FIXTURE, SEE ELECTRICAL		CEILING MTD. EXIT LIGHT W/ BATTERY BACK UP SEE ELECT.
	NEW 5/8" PAINTED GYP. BOARD CEILING		LIGHT FIXTURE, SEE ELECTRICAL		CEILING MTD. FIRE ALARM SYSTEM AUTOMATIC SMOKE DETECTOR. SEE ELECT. DWGS
	BOTTOM OF METAL ROOF PANELS ABOVE		LIGHT FIXTURE, SEE ELECTRICAL		CEILING MTD. AUTOMATIC HEAT DETECTOR. SEE ELECT. DWGS.
	NEW BULKHEAD		HVAC DIFFUSERS, SEE HVAC PLAN		
	ROOM FINISH SCHEDULE REFERENCE SYMBOL		HVAC DIFFUSERS, SEE HVAC PLAN		
			HVAC DIFFUSERS, SEE HVAC PLAN		
			RETURN AIR, SEE HVAC PLAN		
			EXHAUST FAN, SEE HVAC PLAN		

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS AND ASSOCIATES, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS AND ASSOCIATES, INC.

DONOFRO ARCHITECTS
P.O. BOX 861
MARIANNA, FL 32447
OFFICE: (850) 482-5261
FAX: (850) 482-8609



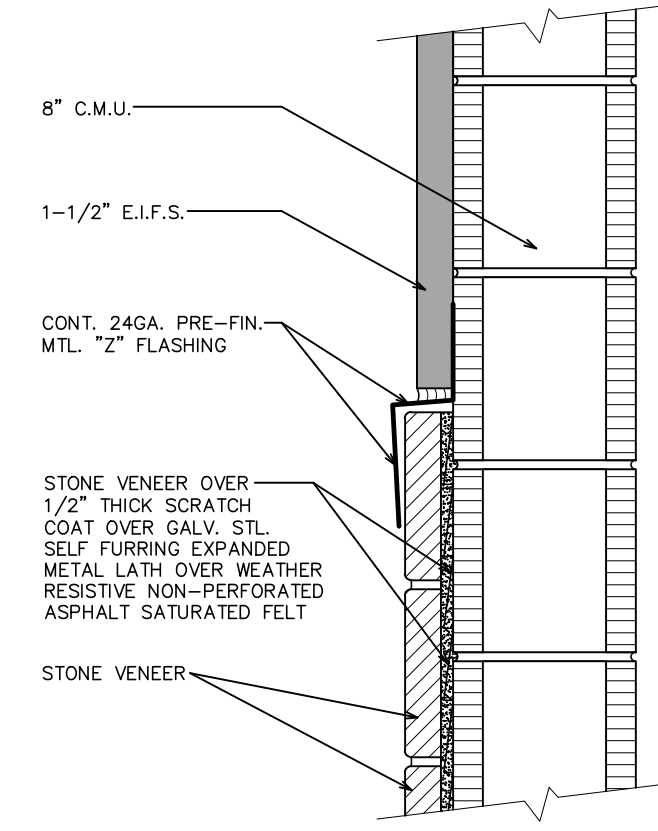
SHEET MAIN LEVEL & SECOND LEVEL REFLECTED CEILING PLAN * LEGEND
RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: NOV. 11, 2024
DRAWN BY: C.L.D.
CHECKED BY: P.A.D., JR.

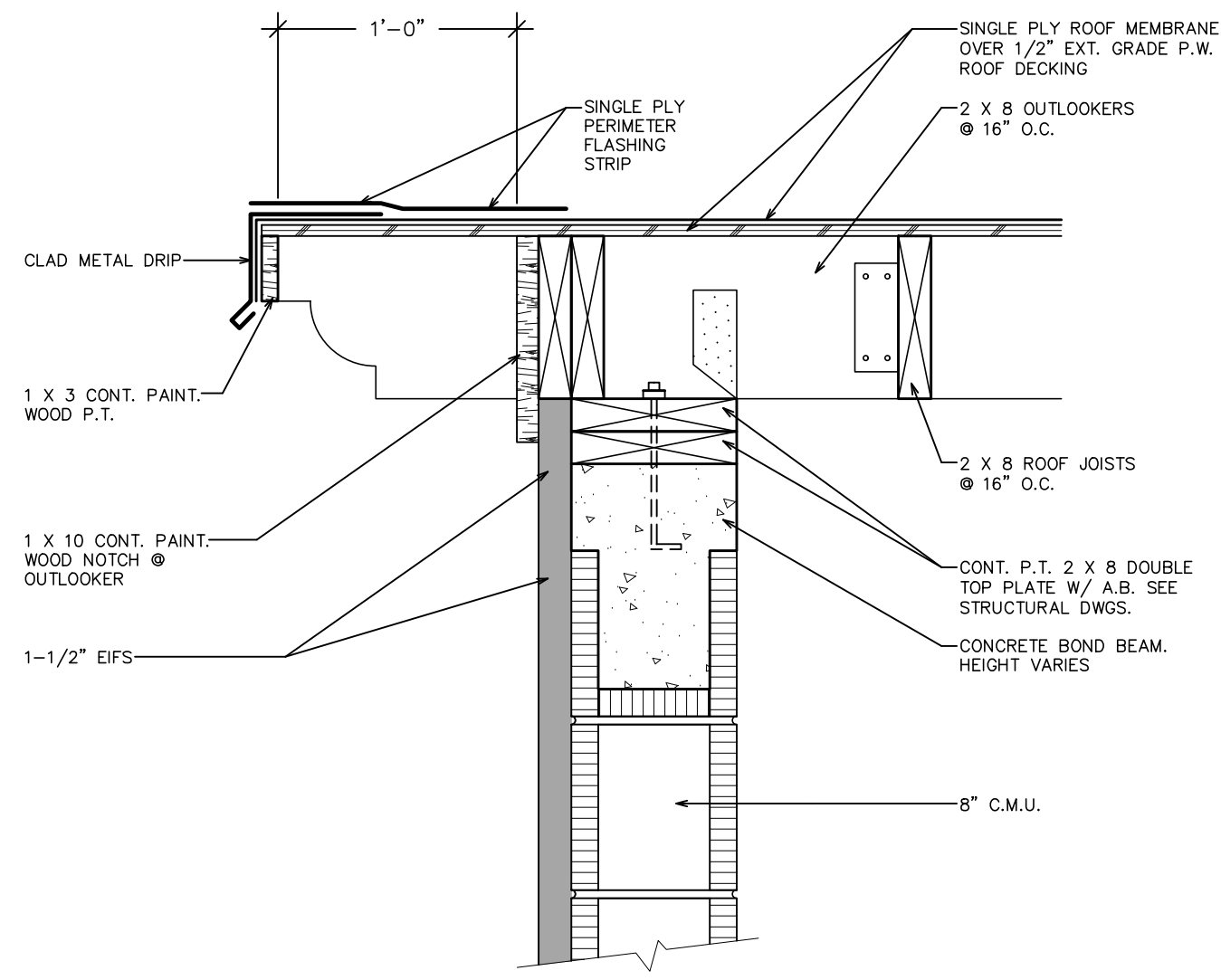
SHEET No.

A-5.0

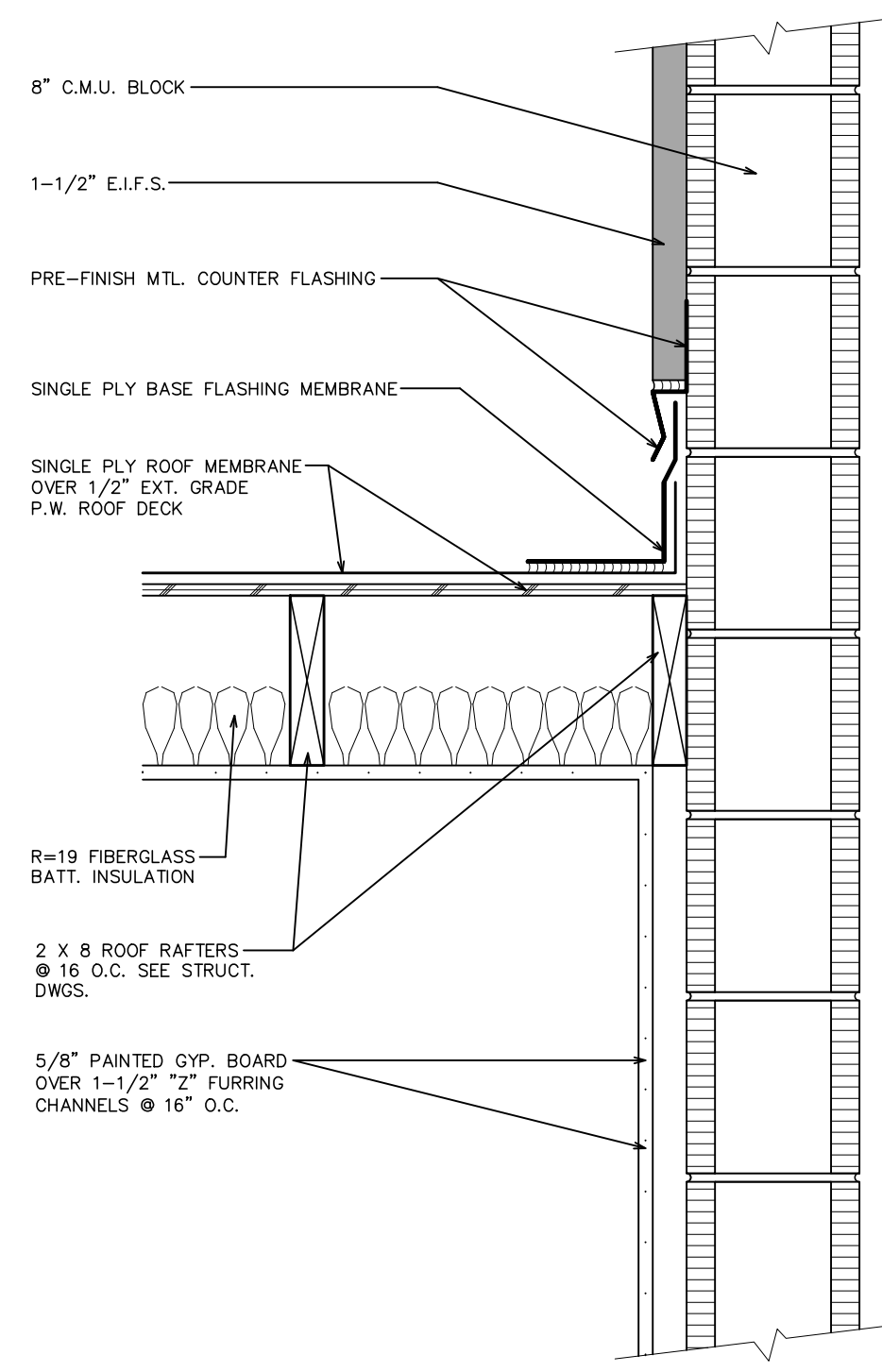
REVIEW DRAWINGS NOT FOR CONSTRUCTION



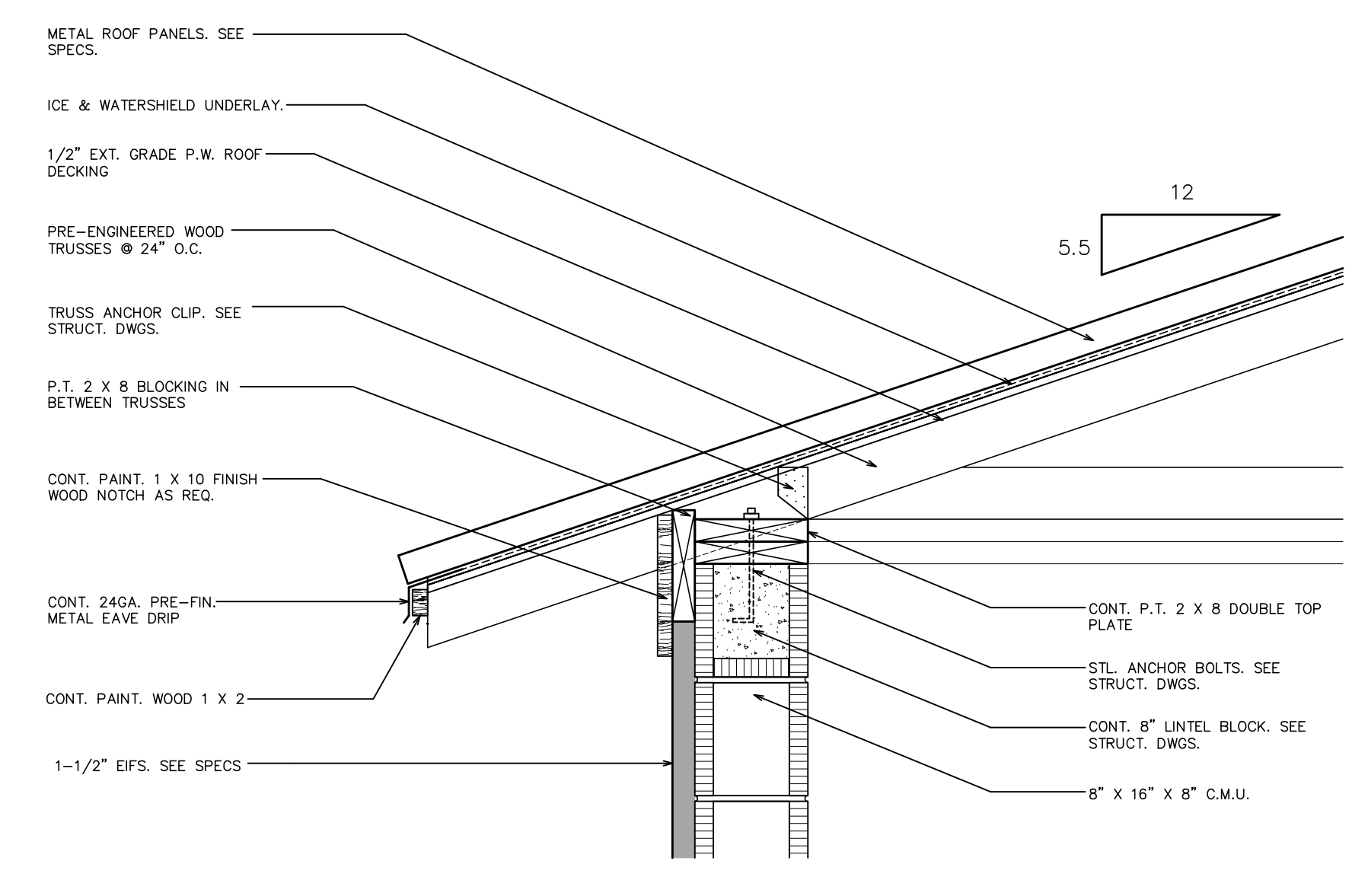
6 CONSTRUCTION DETAIL
1-1/2" = 1'-0"



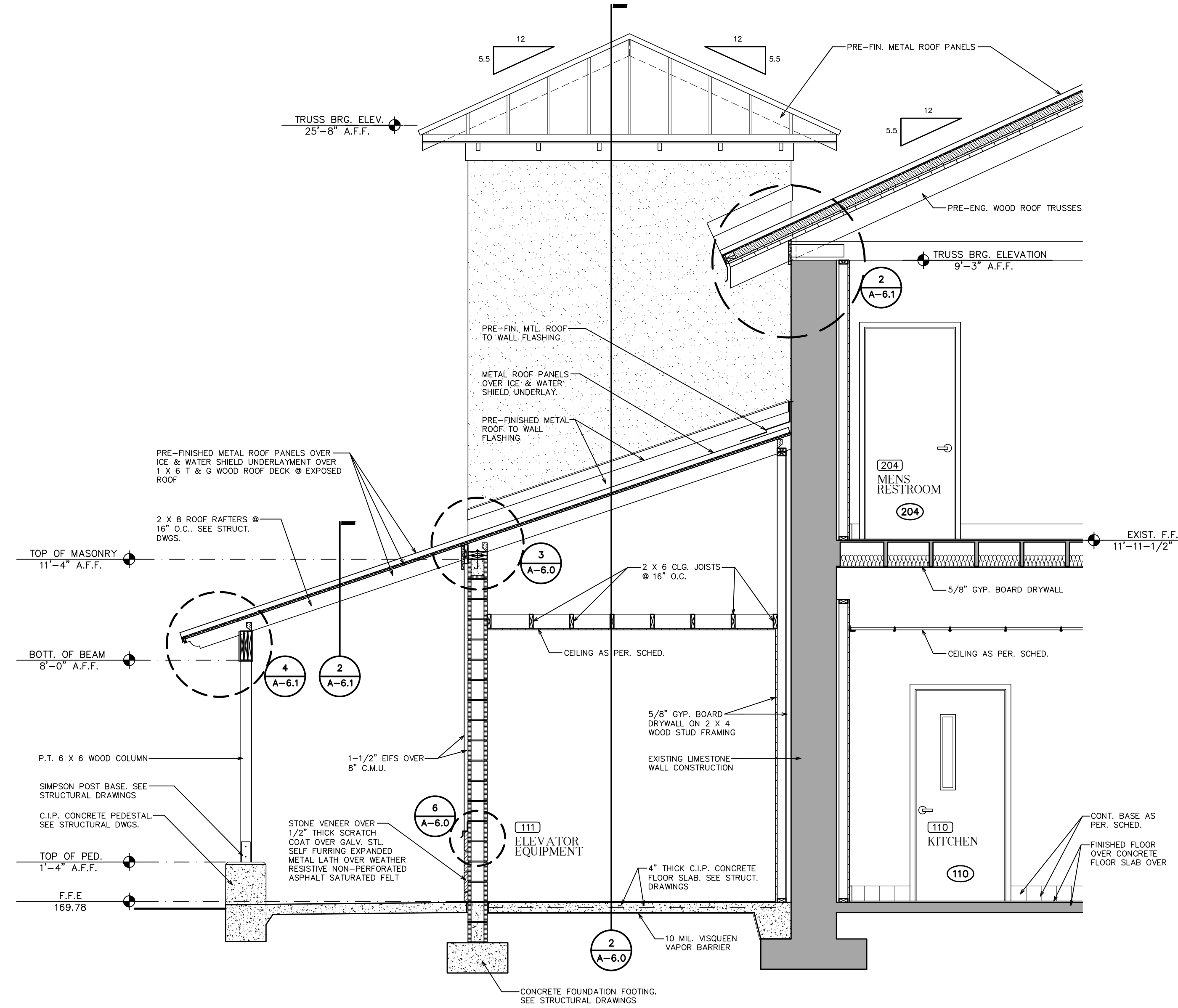
5 CONSTRUCTION DETAIL
1-1/2" = 1'-0"



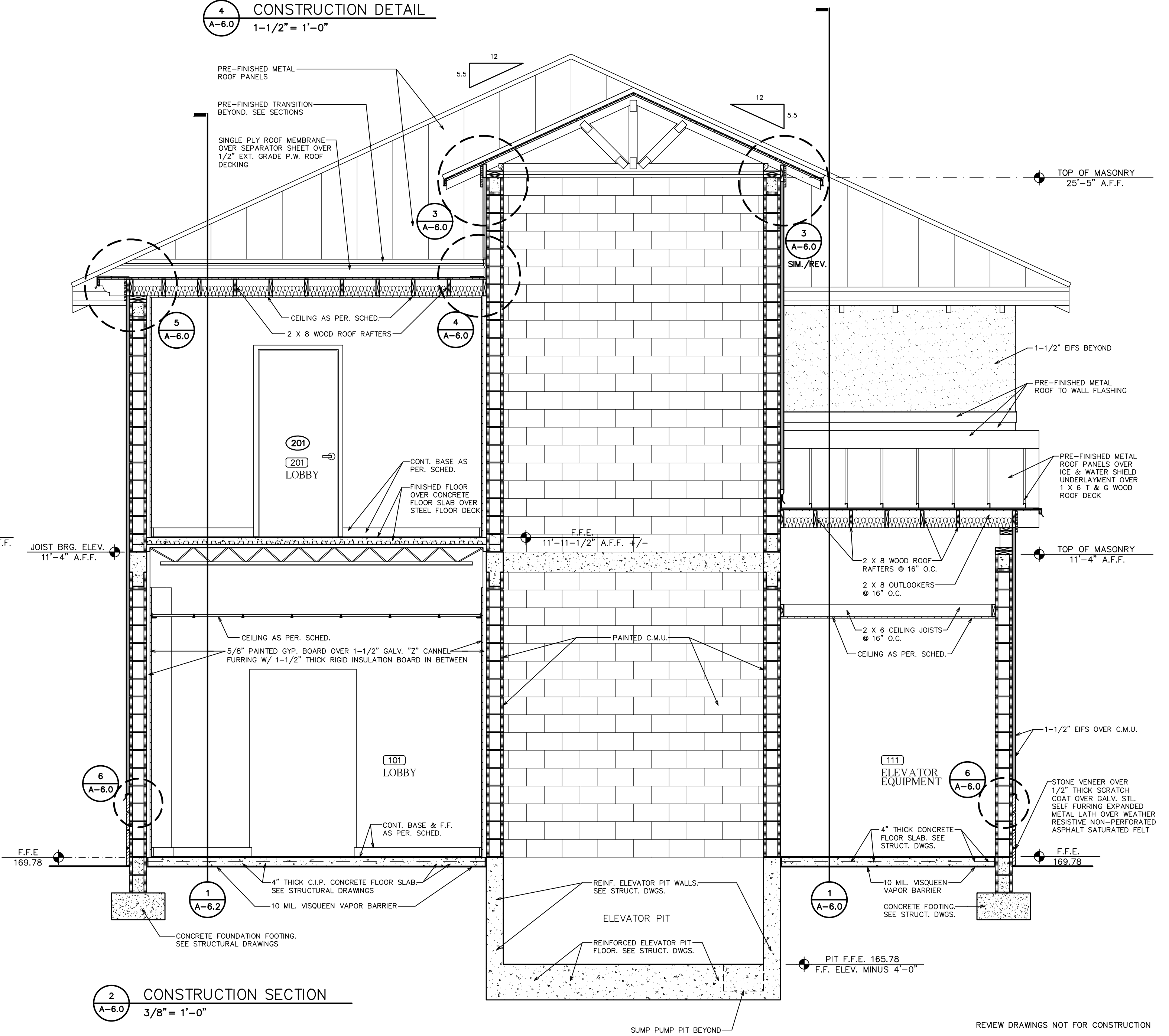
4 CONSTRUCTION DETAIL
1-1/2" = 1'-0"



3 CONSTRUCTION DETAIL
1" = 1'-0"



1 CONSTRUCTION SECTION
3/8" = 1'-0"



2 CONSTRUCTION SECTION
3/8" = 1'-0"

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. NO PART OF THIS DRAWING IS TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS. DONOFRO ARCHITECTS IS NOT RESPONSIBLE FOR ANY CONSEQUENCES OF ANY ACTION TAKEN OR NOT TAKEN BASED ON THIS DRAWING.

DONOFRO ARCHITECTS
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261
P.O. BOX 861
MARIANNA, FL 32447
FAX: (850) 482-8609

SHEET CONSTRUCTION SECTIONS * DETAILS
TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: NOV. 11, 2024
DRAWN BY: C.L.D.
CHECKED BY: P.A.D., JR.

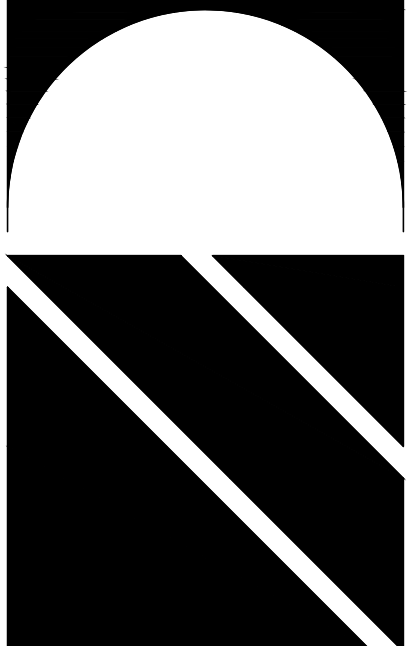
SHEET No.

A-6.0

REVIEW DRAWINGS NOT FOR CONSTRUCTION

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS AND ASSOCIATES, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR DISTRIBUTION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS AND ASSOCIATES, INC. IS STRICTLY PROHIBITED.

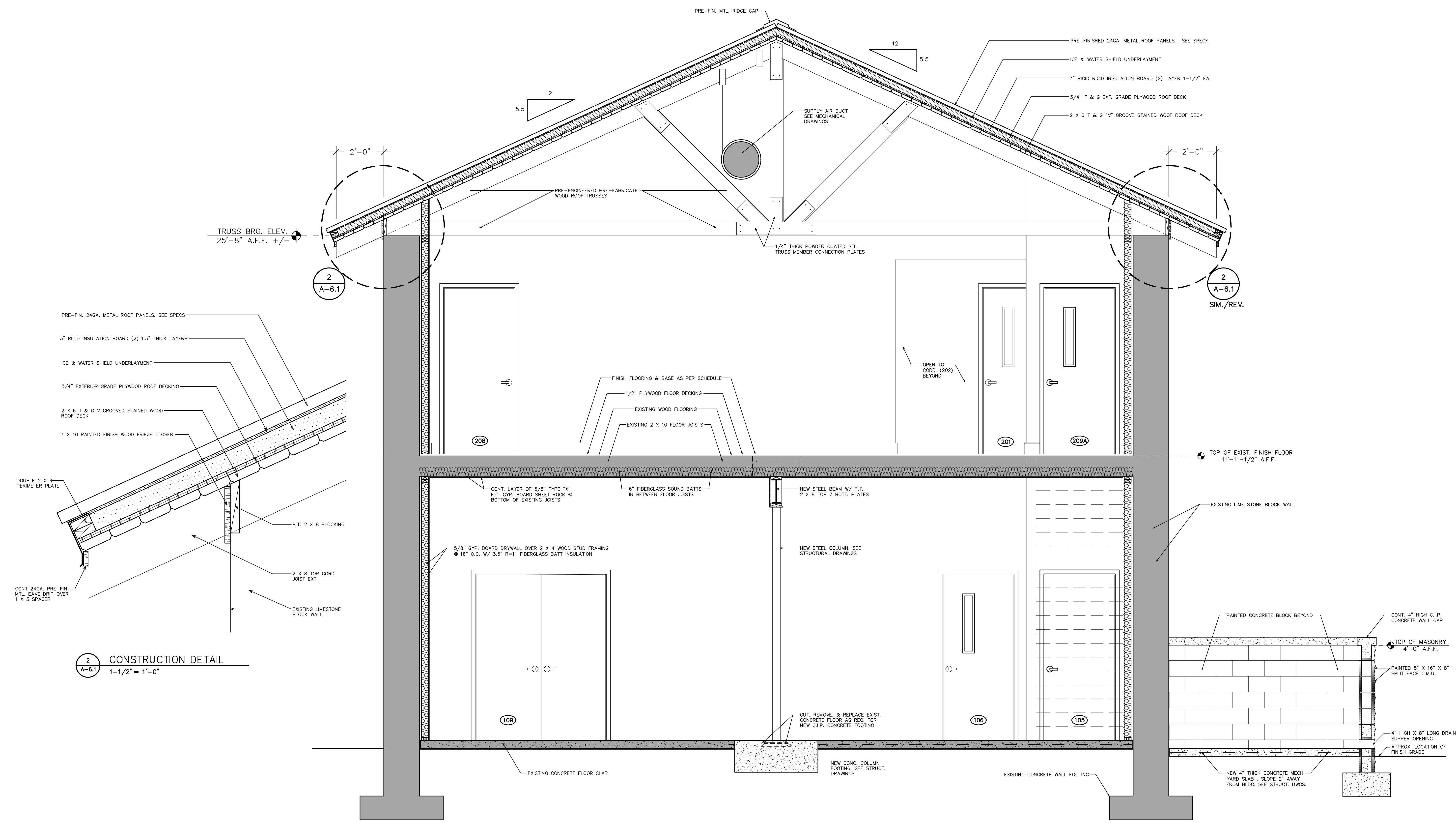
DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32447
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609



SHEET: TRANSVERSE BUILDING SECTION * DETAILS
 TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: NOV. 11, 2024
 DRAWN BY: C.L.D.
 CHECKED BY: P.A.D., JR.

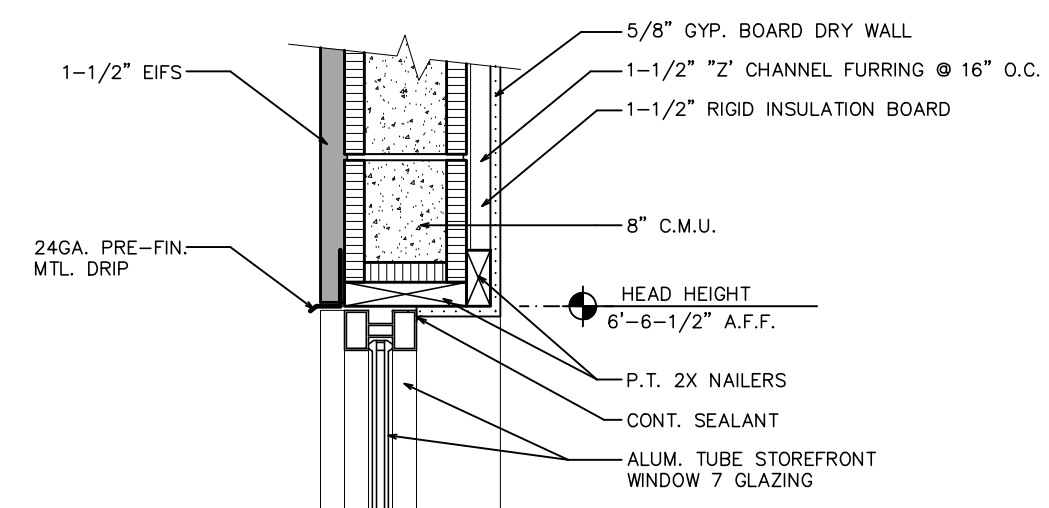
SHEET No.
A-6.1



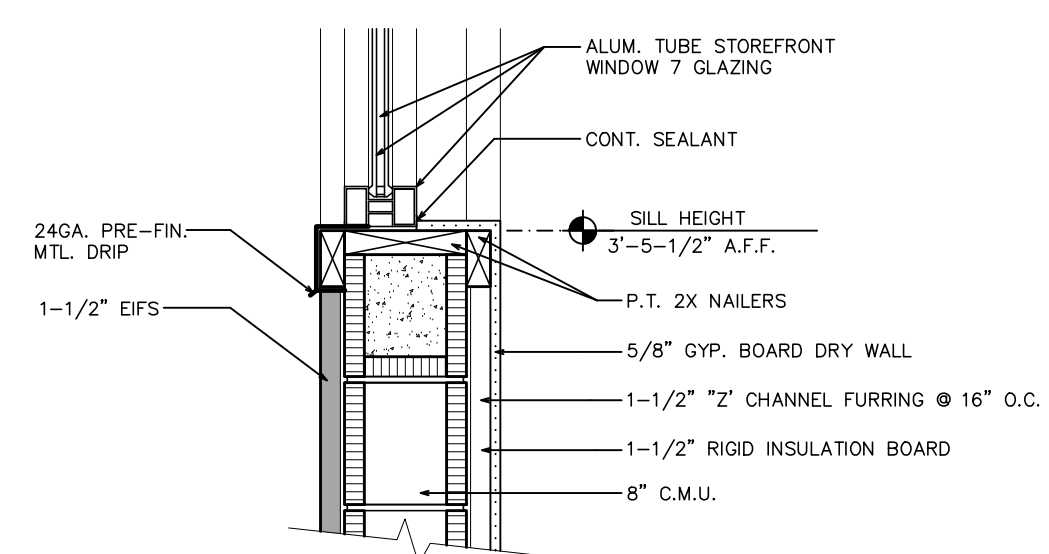
1
 A-6.1
TRANSVERSE BUILDING SECTION
 1/2" = 1'-0"

2
 A-6.1
CONSTRUCTION DETAIL
 1-1/2" = 1'-0"

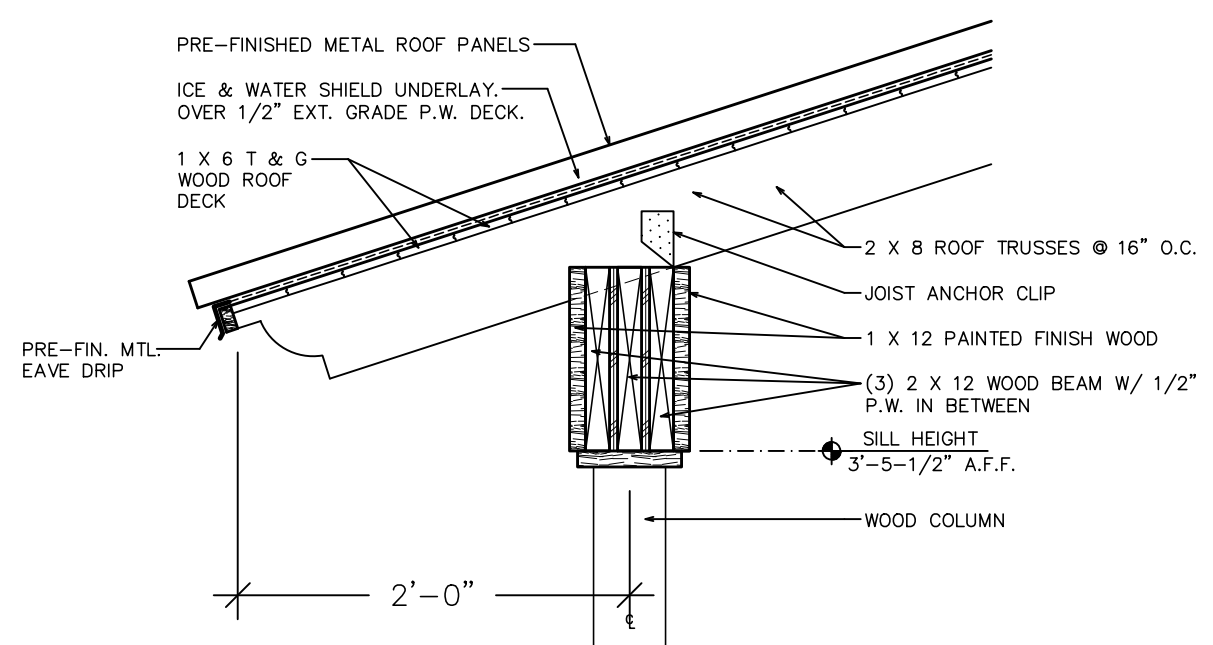
REVIEW DRAWINGS NOT FOR CONSTRUCTION



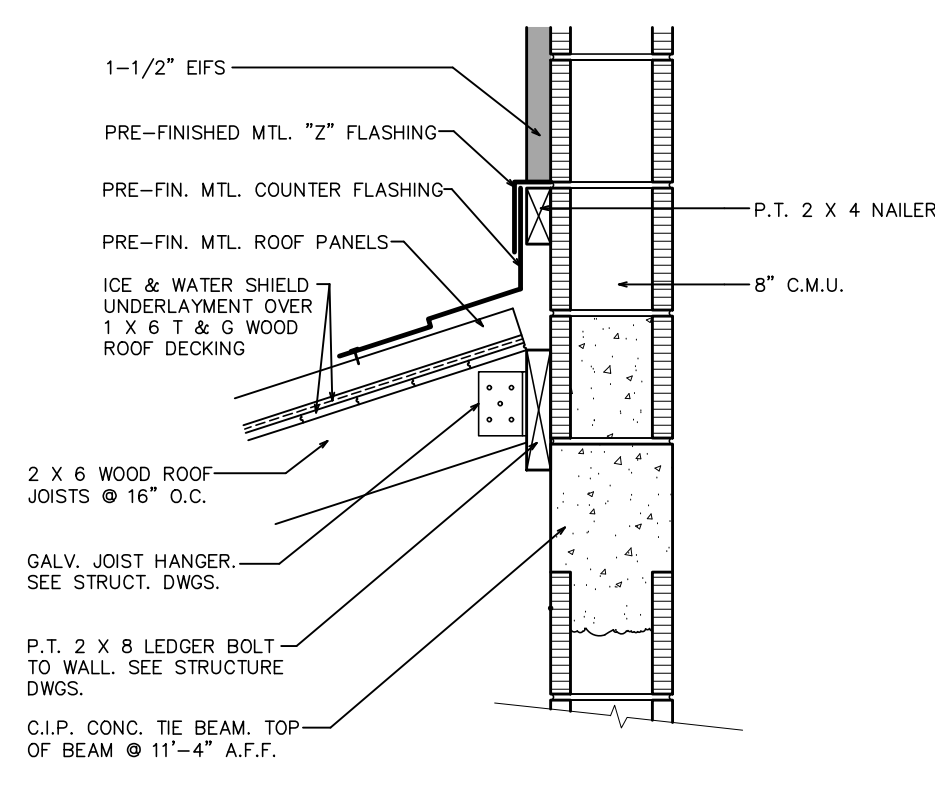
2 HEAD DETAIL
A-6.2 1" = 1'-0"



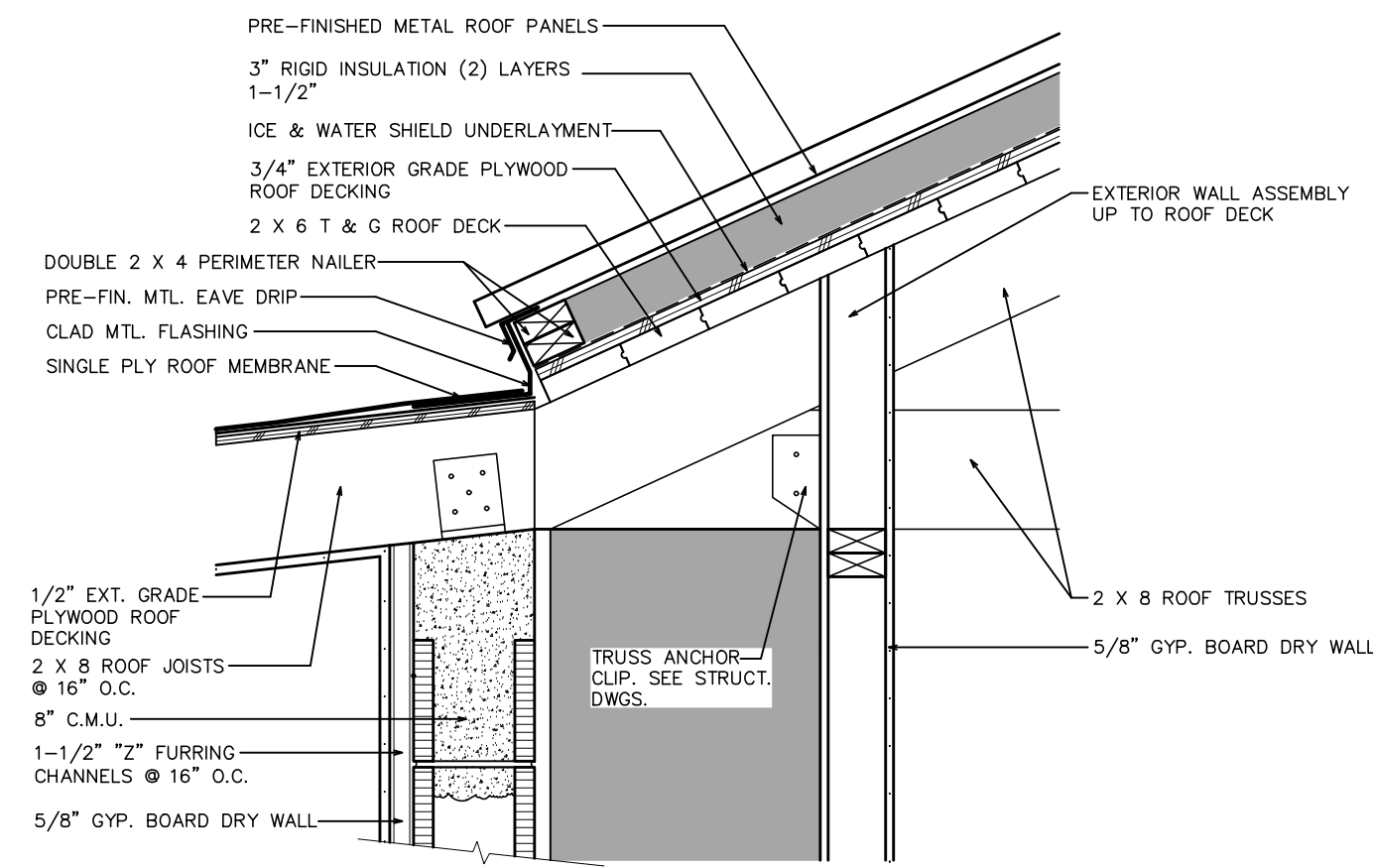
3 SILL DETAIL
A-6.2 1" = 1'-0"



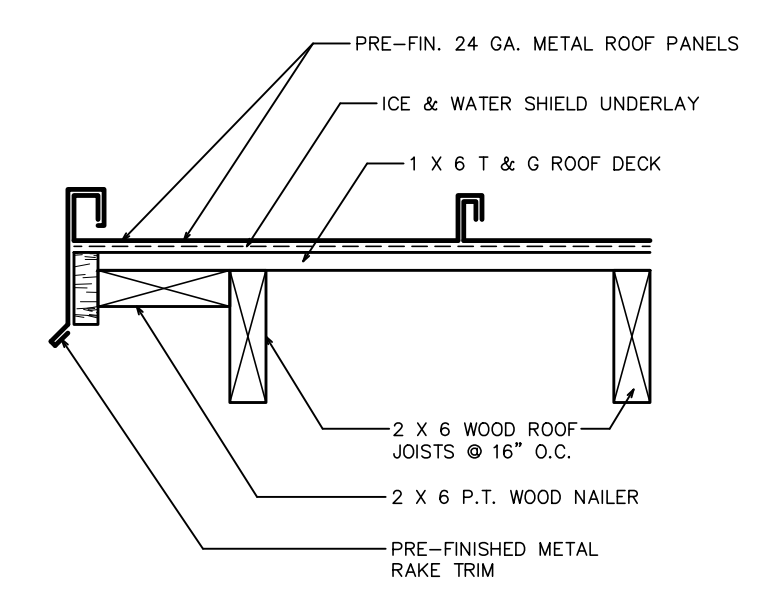
4 BEAM DETAIL
A-6.2 1" = 1'-0"



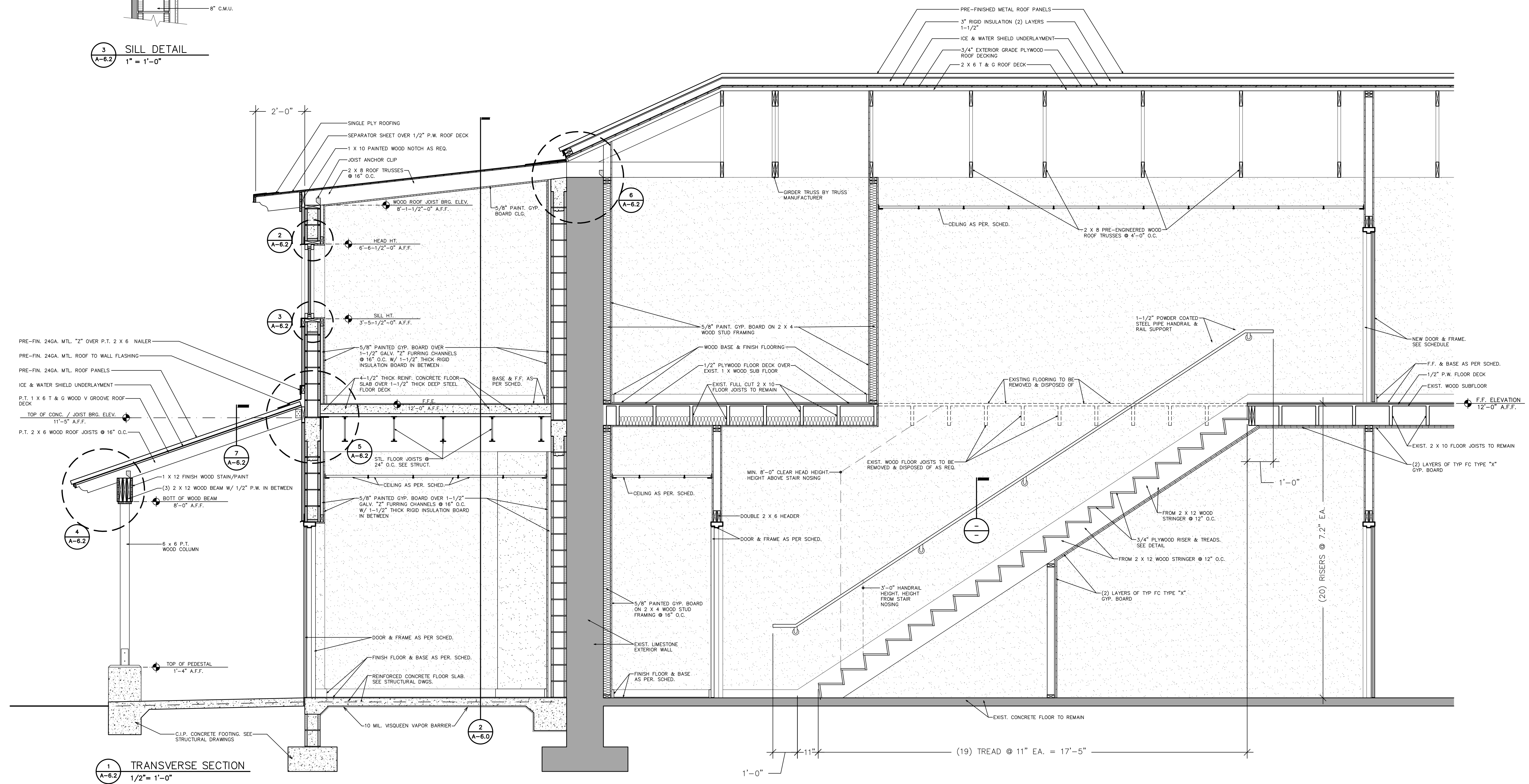
5 ROOF TO WALL FLASH DETAIL
A-6.2 1" = 1'-0"



6 CONSTRUCTION DETAIL
A-6.2 1" = 1'-0"



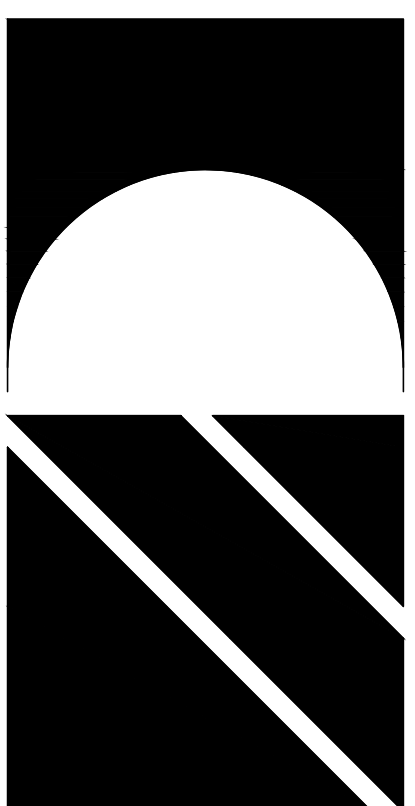
7 DETAIL
A-6.2 1-1/2" = 1'-0"



1 TRANSVERSE SECTION
A-6.2 1/2" = 1'-0"

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS, INC. AND IS NOT TO BE REPRODUCED, COPIED, OR OTHERWISE TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS, INC. SUBJECT TO LEGAL ACTION.

DONOFRO ARCHITECTS
P.O. BOX 861
MARIANNA, FL 32447
OFFICE: (850) 482-5261
FAX: (850) 482-8609



SHEET CONSTRUCTION SECTION * DETAILS
TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: NOV. 11, 2024
DRAWN BY: C.L.D.
CHECKED BY: P.A.D., JR.

SHEET No.
A-6.2

DESIGN CRITERIA

1. THE INTENDED DESIGN STANDARDS AND/OR CRITERIA ARE AS FOLLOWS:

GENERAL CONCRETE MASONRY WOOD FLORIDA BUILDING CODE, BUILDING (FBC-B) 8th EDITION (2023) BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE ACI 318-19 (LRFD) SPECIFICATIONS FOR MASONRY STRUCTURES TMS 602-16 NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION ANSIIAWC NDS-18 WITH 2015 NDS SUPPLEMENT

2. DESIGN SUPERIMPOSED GRAVITY DEAD LOADS USED IN THE DESIGN OF THIS STRUCTURE ARE AS FOLLOWS:

ROOF 20 PSF ACTUAL SELF-WEIGHT ALL OTHERS

3. DESIGN SUPERIMPOSED GRAVITY LIVE LOADS USED IN THE DESIGN OF THIS STRUCTURE ARE AS FOLLOWS:

OCCUPANCY UNIFORM ROOF 20 PSF STAIRS/LANDING 100 PSF

4. DESIGN LATERAL WIND LOADS USED IN THE DESIGN OF THESE STRUCTURES ARE AS FOLLOWS:

WIND LOADS PER ASCE 7-22 (3-SEC GUST) ULTIMATE WIND SPEED = 125 MPH RISK CATEGORY II EXPOSURE B

INTERNAL PRESSURE COEFFICIENT: Gcpi=+/-0.18 (ENCLOSED)

5. THIS STRUCTURE HAS BEEN DESIGNED WITH "SAFETY FACTORS" IN ACCORDANCE WITH GENERALLY ACCEPTED PRINCIPLES OF STRUCTURAL ENGINEERING. THE FUNDAMENTAL NATURE OF THE "SAFETY FACTOR" IS TO COMPENSATE FOR UNCERTAINTIES IN THE INTENDED DESIGN, FABRICATION AND ERECTION OF STRUCTURAL BUILDING COMPONENTS. IT IS INTENDED THAT "SAFETY FACTORS" BE USED SO THAT THE LOAD CARRYING CAPACITY OF THE STRUCTURE DOES NOT FALL BELOW THE DESIGN LOAD AND THAT THE BUILDING WILL PERFORM UNDER DESIGN LOAD WITHOUT DISTRESS. WHILE THE USE OF "SAFETY FACTORS" IMPLIES SOME EXCESS CAPACITY BEYOND DESIGN LOAD, SUCH EXCESS CAPACITY CANNOT BE ADEQUATELY PREDICTED AND SHALL NOT BE RELIED UPON.

GENERAL NOTES

1. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK. THE ENGINEER WILL NOT ADVISE ON OR ISSUE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS.

3. THE STRUCTURAL DRAWINGS HEREIN REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY, AND INSPECTION OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

4. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE METHODS, TECHNIQUES, AND SEQUENCES OF PROCEDURES TO PERFORM THE WORK. THE SUPERVISION OF THE WORK IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

5. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO APPROVAL BY THE ENGINEER.

6. ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE, AND ERECTION IN ACCORDANCE WITH THE SUPPLIER'S INSTRUCTIONS AND REQUIREMENTS.

7. LOADING APPLIED TO THE STRUCTURE DURING THE PROCESS OF CONSTRUCTION SHALL NOT EXCEED THE SAFE LOAD-CARRYING CAPACITY OF THE STRUCTURAL MEMBERS. THE LIVE LOADING USED IN THE DESIGN OF THIS STRUCTURE ARE INDICATED IN THE "DESIGN CRITERIA NOTES". DO NOT APPLY ANY CONSTRUCTION LOADS UNTIL STRUCTURAL FRAMING IS CONNECTED TOGETHER AND UNTIL ALL TEMPORARY BRACING IS IN PLACE.

8. ALL ASTM AND OTHER REFERENCES ARE PER THE LATEST EDITIONS OF THESE STANDARDS, UNLESS OTHERWISE NOTED.

9. SHOP DRAWINGS AND OTHER ITEMS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. ALL SHOP DRAWINGS SHALL BE REVIEWED BY THE GENERAL CONTRACTOR BEFORE SUBMITTAL. THE ENGINEER'S REVIEW IS TO BE FOR CONFORMANCE WITH THE DESIGN CONCEPT AND GENERAL COMPLIANCE WITH THE RELEVANT CONTRACT DOCUMENTS. THE ENGINEER'S REVIEW DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW, CHECK, AND COORDINATE THE SHOP DRAWINGS PRIOR TO SUBMISSION. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, DIMENSIONS, ETC.

10. AS A MINIMUM, SUBMIT THE FOLLOWING ITEMS FOR REVIEW:

- A. STEEL REINFORCING SHOP DRAWINGS
B. CAST-IN-PLACE CONCRETE MIX DESIGNS

OTHER SUBMITTALS ARE REQUIRED PER THE NOTES CONTAINED HEREIN AND THE PROJECT SPECIFICATIONS.

11. ALL "STRUCTURAL SUBMITTALS" SHALL BE PREPARED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA. DRAWINGS PREPARED SOLELY AS A GUIDE FOR ERECTION, INSTALLATION, AND CATALOG INFORMATION WILL NOT REQUIRE AN ENGINEER'S SEAL; HOWEVER, THEY SHALL BEAR THE ENGINEER'S SIGNATURE AND AN INDICATION THAT HE OR SHE CHECKED THE WORK.

12. DRAWINGS INTRODUCING ENGINEERING INPUT AND CALCULATIONS SHALL BE SIGNED, SEALED, AND DATED BY THE ENGINEER PREPARING SUCH WORK.

FOUNDATION NOTES

1. ALL CONSOLIDATION OF SUBSOIL SHALL CLOSELY FOLLOW THE GEOTECHNICAL REPOT. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER/TESTING AGENCY PRIOR TO PLACING FOUNDATION CONCRETE.

2. ALL FOUNDATION CONCRETE SHALL OBTAIN A 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI. ALL PEDESTAL, PILE CAP AND MAT FOUNDATION CONCRETE SHALL OBTAIN A 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.

3. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS". HOT WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305. COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306.

4. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60.

5. UNLESS OTHERWISE NOTED, THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

A) CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 3"

B) CONCRETE EXPOSED TO EARTH OR WEATHER: #6 THROUGH #18 BARS - 2" #5 BAR, W31 OR D31 WIRE & SMALLER - 1 1/2"

SLAB ON GRADE NOTES

1. REFER TO GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION MORE THAN 12" BELOW BOTTOM OF SLAB.

2. ABOVE SUBGRADE, USE TERMIT TREATED FILL CONTAINING NOT MORE THAN 12% PASSING, BY DRY WEIGHT, THE U.S. NO. 200 MESH SIEVE AND MAXIMUM 1" DIAMETER AGGREGATE. COMPACT TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557. EACH LAYER OF FILL SHALL NOT EXCEED 12" INCHES LOOSE THICKNESS. COMPACT PRIOR TO PLACEMENT OF NEXT LIFT.

3. FILL PLACEMENT AND COMPACTION SHALL BE MONITORED AND ACCEPTED BY THE TESTING AGENCY. TAKE A MINIMUM OF ONE FIELD DENSITY TEST (ASTM D-1556-OR D-2922) FOR EACH 2,000 SQUARE FEET OF EACH LIFT OF FILL PLACED.

4. ALL CONCRETE FOR SLAB-ON-GRADE SHALL OBTAIN A 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI. PLACE CONCRETE WITH A MAXIMUM 4" SLUMP +/- 1 INCH AS MEASURED AT POINT OF DISCHARGE. REINFORCE WITH 6X6-W1.4 WELDED WIRE REINFORCING UNLESS NOTED OTHERWISE.

5. FOR INTERIOR AND EXTERIOR SLABS PLACE VAPOR BARRIER BETWEEN SOIL AND BOTTOM OF SLAB. SEE SPECIFICATIONS FOR REQUIREMENTS.

6. ALL WELDED WIRE REINFORCING SHALL BE IN ACCORDANCE WITH ASTM A185. LAP ADJOINING PIECES AT LEAST ONE FULL MESH LENGTH.

7. SLAB JOINTS SHALL BE FILLED WITH APPROVED MATERIAL. THIS SHOULD TAKE PLACE AS LATE AS POSSIBLE, PREFERABLY 4 TO 6 WEEKS AFTER THE SLAB HAS BEEN CAST. PRIOR TO FILLING, REMOVE ALL DEBRIS FROM THE SLAB JOINT, THEN FILL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AS FOLLOWS:

- 4" SLAB - FILL WITH FIELD MOLDED OR ELASTOMERIC SEALANT
6" SLAB - FILL WITH EPOXY RESIN

8. SEE THE SITE PLAN AND ARCHITECTURAL DRAWINGS FOR WALKWAYS AND OTHER EXTERIOR SLABS NOT IDENTIFIED ON THE STRUCTURAL DRAWINGS FOR LOCATIONS, DIMENSIONS, ELEVATIONS, JOINTING DETAILS AND FINISH DETAILS. PROVIDE 4" THICK WALKS REINFORCED WITH 6X6-W1.4/W1.4 WELDED WIRE REINFORCING UNLESS NOTED OTHERWISE.

9. SLABS TO BE PERMANENTLY EXPOSED TO WEATHER SHALL BE AIR ENTRAINED TO 5% (+/-1%) WITH AN ADMIXTURE THAT CONFORMS TO ASTM C260. DO NOT ALLOW AIR CONTENT OF TROWEL-FINISHED FLOORS TO EXCEED 3%.

10. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS". HOT WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305. COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306.

11. IN ORDER TO AVOID CONCRETE SHRINKAGE CRACKING, LIMIT THE MAXIMUM LENGTH OF SLAB CAST IN ANY ONE CONTINUOUS POUR TO 100 FEET OR LESS. THE MAXIMUM SPACING OF CONTRACTION JOINTS SHALL BE 12- FEET FOR 4" THICK SLABS.

12. THE ALTERNATE WIRES OF THE WELD WIRE REINFORCING MUST BE PRECUT AT THE SLAB CONTRACTION JOINT LOCATIONS TO CREATE A "WEAKENED PLANE", WITHOUT CUTTING THE ALTERNATE WIRES, THE STRENGTH OF THE WIRE WILL PREVENT THE SLAB FROM CRACKING (SEPARATING) AT THE JOINT AND THE SLAB MAY BEGIN TO CRACK ELSEWHERE.

13. THE USE OF POLYPROPYLENE FIBERS (IN LIEU OF WIRE REINFORCING) IS PROHIBITED WITHOUT THE WRITTEN AUTHORIZATION OF THE ENGINEER.

14. IN SIDEWALKS AND WALKWAYS, LOCATE ISOLATION JOINTS AT 20 FT. O.C. MAXIMUM. SCORE AND TOOL BETWEEN ISOLATION JOINTS IN EQUAL BAYS NOT GREATER THAN THE SIDEWALK WIDTH UNLESS DETAILED ELSEWHERE.

15. SEE THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DEPRESSED SLAB AREAS AND DRAINS. SLOPE SLAB TO DRAINS WHERE SHOWN.

CAST-IN-PLACE CONCRETE NOTES

1. CONCRETE MIXES SHALL BE DESIGNED PER ACI 301, USING PORTLAND CEMENT CONFORMING TO ASTM C-150 OR C-595, AGGREGATE CONFORMING TO ASTM C-33, AND ADMIXTURES CONFORMING TO ASTM C-494, C-1017, C-618, C-989 AND C-260. CONCRETE SHALL BE READY-MIXED IN ACCORDANCE WITH C-94.

2. CONCRETE SHALL CONFORM TO THE FOLLOWING COMPRESSIVE STRENGTH, SLUMP AND WATER/CEMENT RATIO REQUIREMENTS:

Table with 4 columns: CONCRETE BEAMS AND COLUMNS, STAIRS, CONCRETE NOT NOTED FOUNDATIONS, SLABS, ELEVATED SLABS. Includes (28 DAY STRENGTH), SLUMP, and W/C RATIO.

* AT CONTRACTOR'S OPTION, AN APPROVED ADMIXTURE MAY BE USED TO PRODUCE FLOWABLE CONCRETE. MAXIMUM SLUMP SHALL NOT EXCEED 10 INCHES. THE CONTRACTOR SHALL SUBMIT TEST RESULTS OF THE PROPOSED CONCRETE MIXES ALONG WITH THE MANUFACTURER'S TECHNICAL DATA FOR APPROVAL PRIOR TO PLACING THE CONCRETE.

3. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE BUILDINGS". HOT WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305. COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306.

4. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. ALL WELDING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH AWS D1.4.

5. ALL WELDED WIRE REINFORCING (WWR) SHALL CONFORM TO A-185.

6. ALL REINFORCING STEEL SHALL BE SET AND TIED IN PLACE PRIOR TO PLACEMENT OF CONCRETE. DO NOT FIELD BEND BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE UNLESS SPECIFICALLY INDICATED OR APPROVED BY THE ENGINEER.

7. REINFORCING STEEL, INCLUDING HOOKS AND BENDS, SHALL BE DETAILED IN ACCORDANCE WITH ACI 315. ALL REINFORCING STEEL INDICATED AS BEING CONTINUOUS (CONT.) SHALL BE LAPPED WITH A CLASS B TENSION LAP SPLICE UNLESS OTHERWISE NOTED.

8. UNLESS OTHERWISE NOTED, THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

A) CONCRETE EXPOSED TO EARTH OR WEATHER: #6 THROUGH #18 BARS 1 1/2" #5 BAR, W31 OR D31 WIRE & SMALLER 2"

B) CONCRETE NOT EXPOSED TO EARTH OR WEATHER: SLABS, WALLS, JOISTS: #14 AND #18 BARS 1 1/2" #11 BAR AND SMALLER 3/4"

BEAMS AND COLUMNS: PRIMARY REINFORCEMENT, TIES, 1 1/2" STIRRUPS, SPIRALS

C) FOUNDATION CONCRETE (SEE "FOUNDATION NOTES")

9. BAR SUPPORTS AND HOLDING BARS SHALL BE PROVIDED FOR ALL REINFORCING STEEL TO INSURE MINIMUM CONCRETE COVER. BAR SUPPORTS SHALL BE PLASTIC TIPPED OR STAINLESS STEEL.

10. FORMWORK SHALL REMAIN IN PLACE UNTIL CONCRETE HAS OBTAINED AT LEAST 90% OF ITS 28 DAY COMPRESSIVE STRENGTH. THE CONTRACTOR SHALL PROVIDE ALL SHORING AND RESHORING.

PLYWOOD SHEATHING NOTES:

1. ALL PLYWOOD CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE AMERICAN PLYWOOD ASSOCIATION (APA) SPECIFICATIONS.

2. ALL ROOF SHEATHING SHALL BE 1/2" (NOM.), TYPE C-D, EXPOSURE 1, APA RATED SHEATHING. SUITABLE EDGE SUPPORT SHALL BE PROVIDED BY USE OF PANEL CLIPS OR BLOCKING BETWEEN FRAMING. UNLESS OTHERWISE NOTED, CONNECT ROOF SHEATHING WITH 10d RING-SHANK NAILS AT 4" O.C. AT SUPPORTED PANEL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS. PROVIDE 2X BLOCKING AT PANEL EDGES IF INDICATED ON THE ROOF FRAMING PLAN.

3. INSTALL ALL PLYWOOD ROOF SHEATHING WITH THE LONG DIMENSION OF THE PANEL ACROSS SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. STAGGER PANEL END JOINTS. ALLOW 1/8" SPACING AT PANEL ENDS AND EDGES UNLESS OTHERWISE NOTED. UNLESS OTHERWISE RECOMMENDED BY THE SHEATHING MANUFACTURER, INSTALL ALL PLYWOOD WALL SHEATHING WITH THE LONG DIMENSION PARALLEL WITH SUPPORTS.

4. ALL NAILING SHALL BE CAREFULLY DRIVEN AND NOT OVERDRIVEN.

CONCRETE MASONRY NOTES

1. MASONRY CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR MASONRY STRUCTURES (TMS 602-16)".

2. THE MINIMUM DESIGN COMPRESSIVE STRENGTH OF THE MASONRY (fm) SHALL BE 2,000 PSI AT 28 DAYS AS DETERMINED BY THE UNIT STRENGTH METHOD USINGS TABLE 2 IN ACI 530. THE STRUCTURE IS SUPPORTED BY BEARING WALLS UNLESS NOTED OTHERWISE. ERECT MASONRY PRIOR TO CASTING CONCRETE COLUMNS WITHIN BEARING WALLS OR CASTING BEAMS AND SLABS SUPPORTED BY BEARING WALLS.

3. HOLLOW LOAD-BEARING MASONRY UNITS SHALL CONFORM TO ASTM C-90, GRADE N. BLOCK SHALL HAVE A NET AREA COMPRESSIVE STRENGTH OF 2,800 PSI AND SHALL BE MANUFACTURED WITH NORMAL WEIGHT AGGREGATE.

4. THE USE OF MASONRY-CEMENT MORTAR IS STRICTLY PROHIBITED. MORTAR SHALL CONFORM TO ASTM C-270, TYPE S EXCEPT USE TYPE M MORTAR BELOW GRADE. ALL MORTAR SHALL MEET THE "PROPORTION SPECIFICATION" OF ASTM C-270 AND SHALL BE MADE WITH PORTLAND CEMENT/LIME (NON AIR-ENTRAINED), HEAD AND BED JOINTS SHALL BE 3/8" FOR THE THICKNESS OF THE FACE SHELL. WEBS ARE TO BE FULLY MORTARED IN ALL COURSES OF PIERS, COLUMNS AND PILASTERS; IN THE STARTING COURSE; AND WHERE AN ADJACENT CELL IS TO BE GROUTED. REMOVE MORTAR PROTRUSIONS EXTENDING 1/2" OR MORE INTO THE CELL.

5. FILL ALL BOND BEAMS AND REINFORCED CELLS SOLIDLY WITH FINE GROUT. GROUT SHALL CONFORM TO ASTM C-478 AND SHALL OBTAIN A MIN. 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI. AGGREGATE TO CONFORM TO ASTM C404 FOR FINE GROUT WITH A SLUMP OF 8" TO 10". GROUT ALL MASONRY CONTAINING REINFORCING, ALL CELLS OF 4 HOUR RATED WALLS, AND WHERE INDICATED ON THE DRAWINGS. ALLOW MORTAR TO CURE 24 HOURS PRIOR TO GROUTING. PROVIDE CLEANOUT OPENINGS AT THE BASE OF CELLS CONTAINING REINFORCING STEEL TO CLEAN THE CELL AND TIE THE VERTICAL BAR TO THE DOWEL. IN HIGH-LIFT GROUTING, USE 5-0" MAXIMUM LIFTS, WITH 1/2 HOUR TO 1 HOUR BETWEEN LIFTS. VIBRATE EACH LIFT AND RECONSOLIDATE THE PREVIOUS LIFT.

6. REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A-615, GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE HOOKED OR BENT. USE BAR SPACERS AT 10 FT. O.C. WHERE GROUT POUR HEIGHT EXCEEDS 10 FEET.

7. UNLESS OTHERWISE INDICATED, ALL WALLS SHALL BE LAID IN RUNNING BOND. SAWCUT UNITS WHICH ARE NOT IN MULTIPLES OF 8". UNITS SHALL BE AT LEAST 8" LONG. BOND CORNERS BY LAPPING 8" IN SUCCESSIVE VERTICAL COURSES.

8. PROVIDE VERTICAL REINFORCING BARS OF THE GIVEN SIZE AND SPACING AS INDICATED.

9. PROVIDE REBAR DOWELS FROM FOUNDATIONS TO MATCH VERTICAL REINFORCING SIZE AND SPACING.

10. PROVIDE HORIZONTAL BOND BEAMS WITH CONTINUOUS REINFORCING AS INDICATED. DISCONTINUE ALL HORIZONTAL REINFORCING AT CONTROL JOINTS EXCEPT FOR THE BOND BEAMS AT BEARING ELEVATIONS.

11. ALL VERTICAL WALL REINFORCING SHALL BE EXTENDED TO WITHIN 2" OF THE TOP OF ALL WALLS.

12. PROVIDE STANDARD 9 GAUGE HORIZONTAL JOINT REINFORCING AT 16" ON CENTER IN ALL WALLS. JOINT REINFORCING AND ANCHORS IN EXTERIOR WALLS SHALL CONFORM TO ASTM A153 CLASS B2, WITH A COATING THICKNESS OF 1.50 OZ/SF; CONFORM TO ASTM A641 IN INTERIOR WALLS. OVERLAP DISCONTINUOUS ENDS 6". USE PREFABRICATED CORNERS AND TEES. PROVIDE LADDER TYPE JOINT REINFORCING FOR ALL CONCRETE MASONRY. STOP ALL HORIZONTAL JOINT REINFORCING AT CONTROL JOINTS.

13. REINFORCED MASONRY WALL CONSTRUCTION SHALL BE INSPECTED BY AN ENGINEER OR ARCHITECT IN ACCORDANCE WITH ACI 530.

14. SEE THE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL DOOR AND WINDOW OPENINGS.

15. THE MASONRY CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY WALL BRACING DURING CONSTRUCTION (SEE "GENERAL STRUCTURAL NOTES").

16. WHERE ANCHOR BOLTS, WEDGE ANCHORS OR ANCHORS SET IN EPOXY ARE SET IN A MASONRY WALL, FILL CELLS WITH GROUT FOR BOLTED COURSE, ONE COURSE ABOVE AND TWO COURSES BELOW. DO NOT SET MORE THAN ONE ANCHOR PER CELL.

17. WALL CONTROL JOINTS SHALL BE SPACED AT APPROXIMATELY EQUAL INTERVALS NOT TO EXCEED 25 FEET NOR 1.5 TIMES THE WALL HEIGHT. SEE LOCATIONS ON FOUNDATION PLAN.

WOOD FRAMING NOTES

1. ALL WOOD FRAMING MATERIAL SHALL BE SURFACED DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT.

2. ALL STUD AND WALL FRAMING SHALL BE THE FOLLOWING: A. NO. 2 GRADE SOUTHERN YELLOW PINE (SYP) OR NO. 2 GRADE SPRUCE PINE FIR "STUD" GRADE MATERIAL IS STRICTLY PROHIBITED FROM USE.

3. ALL JOIST, TOP PLATE, AND MISCELLANEOUS FRAMING SHALL BE NO. 2 GRADE SOUTHERN YELLOW PINE U.N.O.

4. PROVIDE FULL-DEPTH BRIDGING AT MIDSPAN (OR METAL) AND AT A MAXIMUM SPACING OF 8'-0" O.C. IN BETWEEN.

5. ALL FRAMING EXPOSED TO THE WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE-TREATED IN ACCORDANCE WITH THE AMERICAN WOOD PRESERVERS ASSOCIATION SPECIFICATIONS. WHERE POSSIBLE, ALL CUTS AND HOLES SHOULD BE COMPLETED BEFORE TREATMENT. CUTS AND HOLES DUE TO ON-SITE FABRICATION SHALL BE BRUSHED WITH 2 COATS OF COPPER NAPHTHENATE SOLUTION CONTAINING A MINIMUM OF 2% METALLIC COPPER IN SOLUTION (PER AWWA STD. M4).

6. THE CONTRACTOR SHALL CAREFULLY SELECT LUMBER TO BE USED IN LOADBEARING APPLICATIONS. THE LENGTH OF SPLIT ON THE WIDE FACE OF 2" NOMINAL LOADBEARING FRAMING SHALL BE LIMITED TO LESS THAN 1/2 OF THE WIDE FACE DIMENSION. THE LENGTH OF SPLIT ON THE WIDE FACE OF 3" (NOMINAL) AND THICKER LUMBER SHALL BE LIMITED TO 1/2 OF THE NARROW FACE DIMENSION.

7. NAILING SHALL BE IN ACCORDANCE WITH TABLE 2304.10.1 OF THE 2023 FLORIDA BUILDING CODE 8TH EDITION UNLESS OTHERWISE NOTED.

8. PROVIDE DOUBLE JOISTS UNDER ALL PARTITIONS WHICH RUN PARALLEL WITH JOISTS AND UNDER ALL CONCENTRATED LOADS FROM FRAMING ABOVE.

9. PROVIDE HEADER BEAMS OF THE SAME SIZE AS JOISTS OR RAFTERS TO FRAME AROUND OPENINGS IN THE PLYWOOD DECK UNLESS OTHERWISE INDICATED.

10. STRUCTURAL STEEL PLATE CONNECTORS SHALL CONFORM TO ASTM A-36 SPECIFICATIONS AND SHALL BE 1/4" THICK UNLESS OTHERWISE INDICATED. BOLTS CONNECTING WOOD MEMBERS SHALL BE PER ASTM A-307 AND SHALL BE 3/4" DIAMETER UNLESS OTHERWISE INDICATED. PROVIDE WASHERS FOR ALL BOLT HEADS AND NUTS IN CONTACT WITH WOOD SURFACES. ALL PLATES, ANCHOR BOLTS, AND CONNECTORS PERMANENTLY EXPOSED TO WEATHER SHALL BE TYPE A316L STAINLESS STEEL. ALL INTERIOR PLATES, ANCHOR BOLTS AND CONNECTORS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A153.

11. BOLT HOLES SHALL BE CAREFULLY CENTERED AND DRILLED NOT MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER. BOLTED CONNECTIONS SHALL BE SNUGGED TIGHT BUT NOT TO THE EXTENT OF CRUSHING WOOD UNDER WASHERS.

12. PREFABRICATED METAL JOIST HANGERS, HURRICANE CLIPS, HOLD-DOWN ANCHORS, AND OTHER ACCESSORIES SHALL BE AS MANUFACTURED BY "SIMPSON STRONG-TIE COMPANY" OR APPROVED EQUAL. INSTALL ALL ACCESSORIES PER THE MANUFACTURER'S REQUIREMENTS. ALL CONNECTORS PERMANENTLY EXPOSED TO WEATHER SHALL TYPE A316 STAINLESS STEEL. ALL INTERIOR CONNECTORS SHALL HAVE THE SIMPSON ZMAX/HDG GALVANIZED COATING IN ACCORDANCE WITH ASTM A 153.

13. HOLES AND NOTCHES DRILLED OR CUT INTO WOOD FRAMING SHALL NOT EXCEED THE REQUIREMENTS OF NDS 2012.

14. ALL PLATES, ANCHORS, NAILS, BOLTS, NUTS, WASHERS, AND OTHER MISCELLANEOUS HARDWARE THAT ARE PERMANENTLY EXPOSED TO WEATHER SHALL BE TYPE A316L STAINLESS STEEL. ALL INTERIOR PLATES, ANCHORS, NAILS, BOLTS, NUTS, WASHERS AND OTHER MISCELLANEOUS HARDWARE SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A153.

PRE-ENGINEERED WOOD TRUSS NOTES:

1. PRE-ENGINEERED WOOD ROOF TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER TO SUPPORT THE FOLLOWING LOADS:

A. GRAVITY LOADING CASE (INCLUDING SELF-WEIGHT):

TOP CHORD LOADING: LIVE LOAD - 20 PSF (ON THE HORIZONTAL PROJECTION) DEAD LOAD - 10 PSF (ON THE SURFACE AREA)

BOTTOM CHORD LOADING: LIVE LOAD - 0 PSF DEAD LOAD - 10 PSF

B. WIND LOADING CASE:

SEE "DESIGN CRITERIA NOTES" FOR WIND COMPONENT CRITERIA

2. WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION OF THE NATIONAL FOREST PRODUCTS ASSOCIATION AND THE DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES OF THE TRUSS PLATE INSTITUTE.

3. ALL TRUSS CHORDS AND WEBS SHALL BE SOUTHERN YELLOW PINE AND SHALL BE KILN DRIED AND USED AT 19% MAXIMUM MOISTURE CONTENT. PROVIDE MINIMUM GRADE NO. 2 OR BETTER, AS REQUIRED, TO SATISFY STRESS REQUIREMENTS.

4. CONNECTOR PLATES SHALL BE NOT LESS THAN 0.035 INCHES (20-GAUGE) IN THICKNESS AND SHALL BE TYPE 316L STAINLESS STEEL PER ASTM A663. MINIMUM STEEL YIELD STRESS SHALL BE 33,000 PSI. OBTAIN METAL CONNECTOR PLATES FROM A SINGLE MANUFACTURER. CONNECTOR PLATES TO COMPLY WITH TPI 1.

5. TRUSSES SHALL BE FABRICATED IN A PROPERLY EQUIPPED MANUFACTURING FACILITY OF A PERMANENT NATURE. TRUSSES SHALL BE MANUFACTURED BY A QUALIFIED AND EXPERIENCED CONTRACTOR. PRECISION CUTTING, JIGGING AND PRESSING EQUIPMENT UNDER THE REQUIREMENTS IN QUALITY CONTROL STANDARD QST-88 OF THE TRUSS PLATE INSTITUTE. COMPLY WITH TOLERANCES IN TPI 1.

6. SECONDARY BENDING STRESSES IN TRUSS TOP AND BOTTOM CHORDS DUE TO DEAD, LIVE AND WIND LOADS SHALL BE CONSIDERED IN THE DESIGN. LOAD DURATION FACTORS SHALL BE PER THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION".

7. WOOD TRUSSES SHALL BE ERECTED IN ACCORDANCE WITH THE TRUSS MANUFACTURER'S REQUIREMENTS. THE TRUSSES SHALL BE MANUFACTURED BY A QUALIFIED AND EXPERIENCED CONTRACTOR. TRUSS ERECTION BY AN INEXPERIENCED OR NONQUALIFIED CONTRACTOR CAN RESULT IN CONSTRUCTION COLLAPSE AND/OR SERIOUS INJURY AND DAMAGE.

8. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING AS REQUIRED FOR SAFE ERECTION AND PERFORMANCE OF THE TRUSSES. THE GUIDELINES SET FORTH BY THE TRUSS PLATE INSTITUTE PUBLICATION #HB-91, COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES SHALL BE A MINIMUM REQUIREMENT. THE STRUCTURAL ENGINEER OF RECORD WILL REVIEW THE TRUSS DESIGN DRAWINGS AND WILL BE RESPONSIBLE FOR THE DESIGN OF PERMANENT TRUSS BRACING. THE CONTRACTOR SHALL ANTICIPATE POTENTIAL PERMANENT BRACING CHANGES ONCE APPROVED SHOP DRAWINGS ARE REVIEWED BY THE EOR.

9. TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED, DRILLED NOR OTHERWISE ALTERED IN ANY WAY WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

10. SUBMIT COMPLETE SHOP DRAWINGS AND CALCULATIONS FOR ALL WOOD TRUSSES, SHOWING MEMBER SIZES, SPECIES, GRADE, MOISTURE CONTENT, SPAN, CAMBER, DIMENSIONS, CHORD PITCH, BRACING REQUIREMENTS, AND LOADINGS. SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER AND SHALL BEAR THE SIGNATURE AND SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.

11. TOP AND BOTTOM CHORDS AND VERTICAL END MEMBERS OF TRUSSES SHALL BE MINIMUM 2x6 FRAMING.

EXISTING CONSTRUCTION NOTES

1. BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE EXISTING STRUCTURE AND OTHER CONDITIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING, SHORING AND OTHER SAFEGUARDS TO MAINTAIN ALL PARTS OF THE EXISTING WORK IN A SAFE CONDITION DURING THE PROCESS OF DEMOLITION AND CONSTRUCTION AND TO PROTECT FROM DAMAGING THOSE PORTIONS OF THE EXISTING WORK WHICH ARE TO REMAIN.

2. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTIONS OF THE WORK TO THE EXISTING WORK. THE CONTRACTOR SHALL MAKE ALL MEASUREMENTS NECESSARY FOR FABRICATION AND ERECTION OF STRUCTURAL MEMBERS. ANY DISCREPANCY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.

3. WELDING TO AND WITHIN AN EXISTING FACILITY PRESENTS POTENTIAL HAZARDS, INCLUDING:

FIRE HAZARD - DUE TO THE EXISTING CONSTRUCTION AND BUILDING CONTENTS.

RECOMMENDATIONS TO PREVENT THESE HAZARDS INCLUDE:

PROTECT EXISTING COMBUSTIBLES PRIOR TO WELDING. KEEP A SEPARATE WATCHMAN AND SEVERAL FIRE EXTINGUISHERS ON HAND.

DO NOT LEAVE THE SITE UNTIL SATISFIED THAT NO FIRE HAZARD EXISTS.

STEEL JOIST NOTES

1. ALL STEEL JOISTS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE SJI STANDARD SPECIFICATIONS SJI K1.1-05.

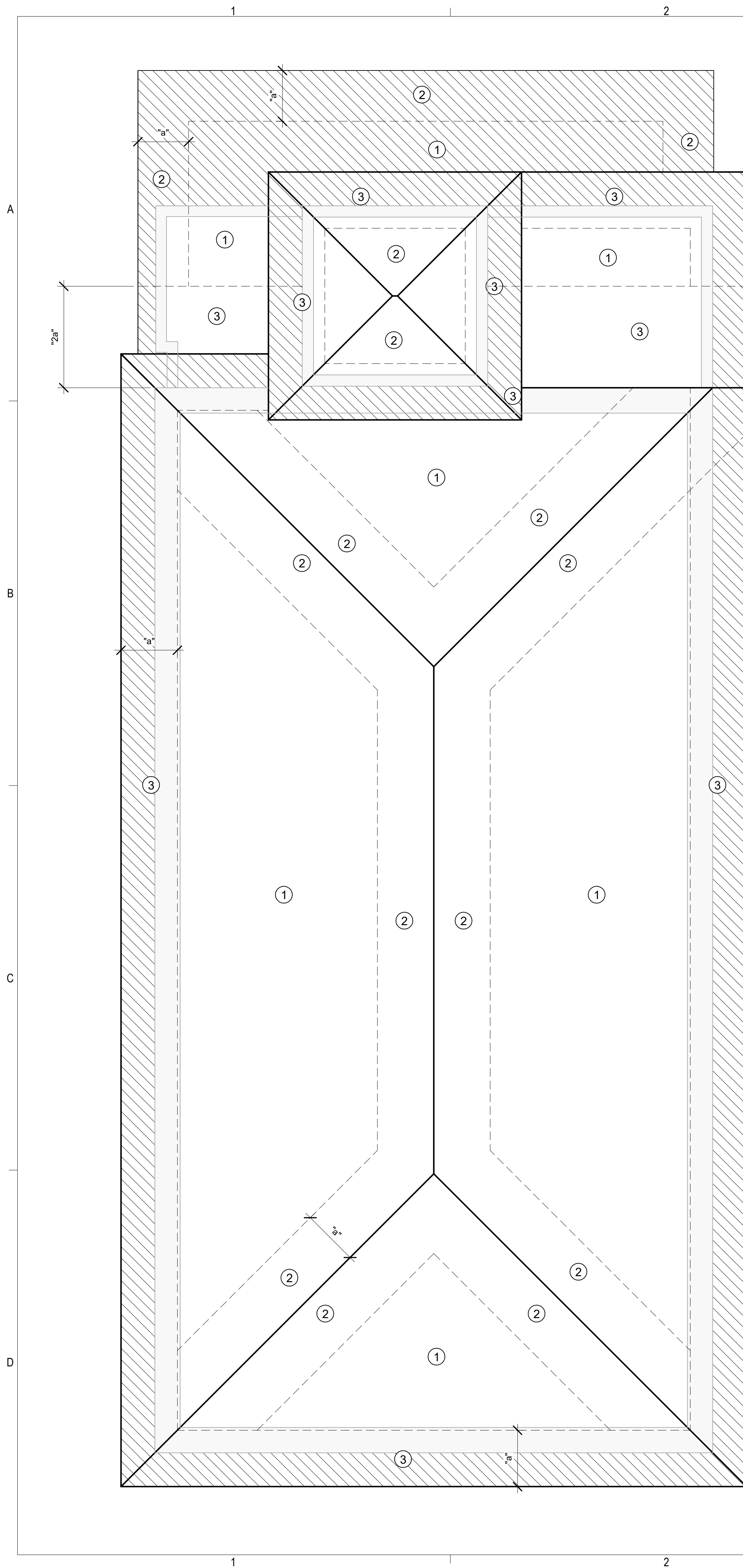
2. JOIST BRIDGING SHALL CONFORM TO SJI SPECIFICATIONS. PROVIDE DIAGONAL BRIDGING AT ALL BEAMS AND END BAYS. FIELD WELD BRIDGING AT ENDS AND INTERSECTIONS. ALL JOISTS FORTY (40) FEET AND LONGER REQUIRE A ROW OF BOLTED CROSS BRIDGING TO BE IN PLACE BEFORE SLACKENING OF HOISTING LINES.

3. ALL JOISTS SHALL BE PROPERLY ANCHORED AT BEARINGS.

4. JOIST BRIDGING AND CONNECTIONS SHALL BE COMPLETELY INSTALLED PRIOR TO PLACING ANY CONSTRUCTION LOADS ON THE JOISTS. CONSTRUCTION LOADING SHALL NOT EXCEED THE JOIST DESIGN LOAD.

5. THE DELEGATED ENGINEER FOR THE STEEL JOIST SUPPLIER SHALL SUBMIT CALCULATIONS FOR ALL SPECIAL JOISTS TO THE ENGINEER OF RECORD PRIOR TO FABRICATION. THESE CALCULATIONS SHALL BE SIGNED, SEALED, AND DATED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.

6. IN A COVER LETTER TO THE JOIST SHOP DRAWINGS, THE DELEGATED ENGINE



COMPONENTS AND CLADDING WIND PRESSURES
ULTIMATE WIND PRESSURES - MONOSLOPE ROOF
 Type of Roof = MONOSLOPE
 Roof Slope (θ) = 18.4 deg
 Exposure Category B
 Risk Category II
 Mean Roof Height (h) = 14 ft
 Kh = 0.573
 Base Pressure (qh) = 19.5 psf
 GCpi = +/- 0.18
 Ultimate Wind Speed = 125 MPH

ROOF ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA (SF)	WIND PRESSURE AND SUCTION (PSF)	
1	10	+16.0	-28.9
	20	+16.0	-27.7
	50	+16.0	-26.2
	100	+16.0	-25.0
	200	+16.0	-25.0
2	10	+16.0	-34.8
	20	+16.0	-32.4
	50	+16.0	-29.3
	100	+16.0	-27.0
	200	+16.0	-27.0
3	10	+16.0	-60.2
	20	+16.0	-54.9
	50	+16.0	-47.9
	100	+16.0	-42.6
	200	+16.0	-42.6

a = 3.0 ft
 NOTES:
 CODE ANALYTICAL PROCEDURE DOESN'T PROVIDE OVERHANG VALUES FOR THIS ROOF ANGLE.

COMPONENTS AND CLADDING WIND PRESSURES
ULTIMATE WIND PRESSURES - HIP ROOF
 Type of Roof = Hip
 Roof Slope (θ) = 24.6 deg
 Exposure Category B
 Risk Category II
 Mean Roof Height (h) = 26 ft
 Kh = 0.673
 Base Pressure (qh) = 22.9 psf
 GCpi = +/- 0.18
 Ultimate Wind Speed = 125 MPH

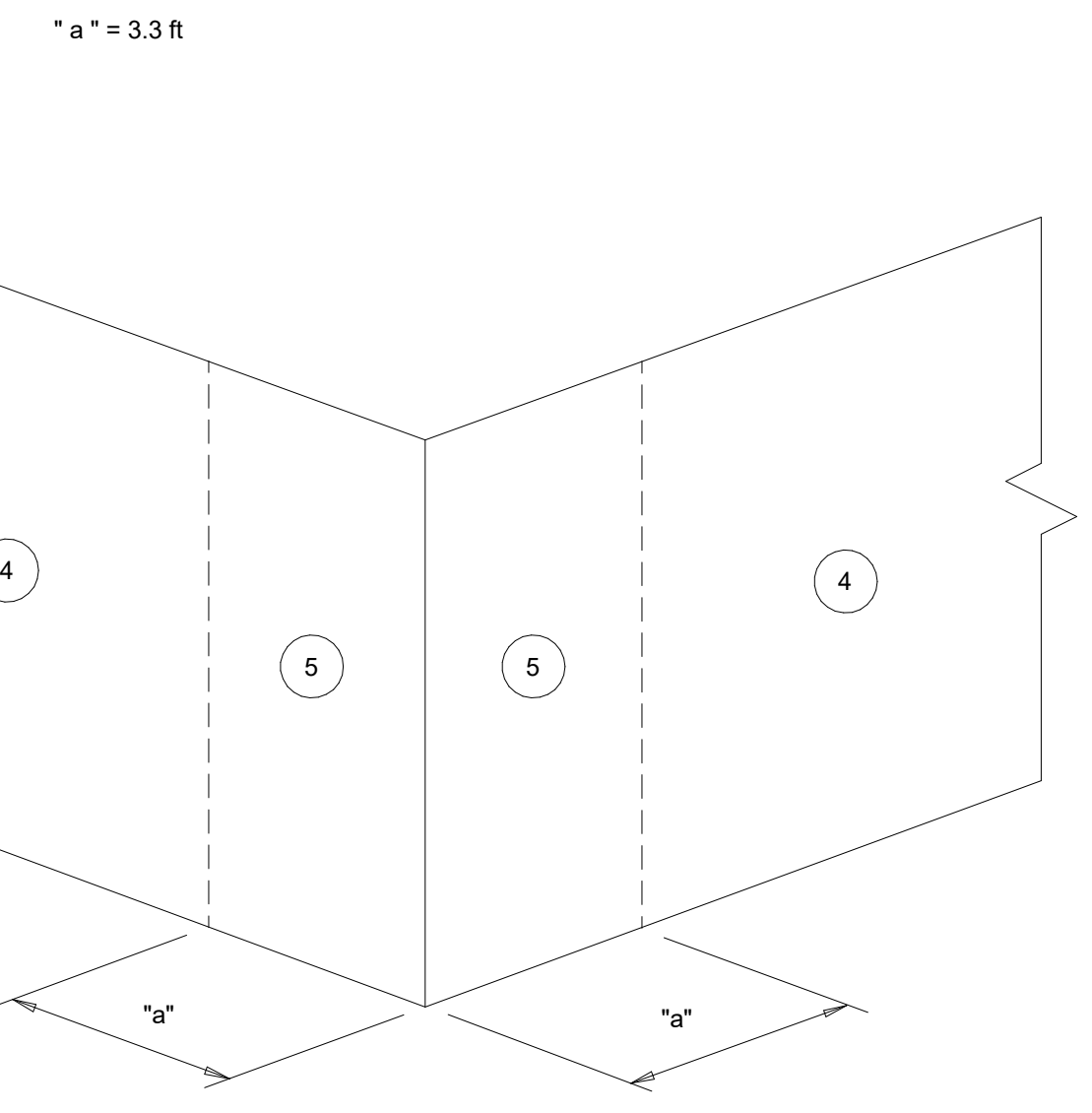
ROOF ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA (SF)	WIND PRESSURE AND SUCTION (PSF)		OVERHANG PRESSURES (PSF)
1	10	+20.1	-36.1	-43.4
	20	+17.4	-32.0	-42.8
	50	+16.0	-26.5	-41.8
	100	+16.0	-22.4	-41.2
	200	+16.0	-22.4	-41.2
2	10	+20.1	-49.8	-57.2
	20	+17.4	-44.6	-54.5
	50	+16.0	-37.6	-51.0
	100	+16.0	-32.3	-48.4
	200	+16.0	-27.0	-45.7
3	10	+20.1	-49.8	-70.9
	20	+17.4	-44.6	-62.4
	50	+16.0	-37.6	-51.2
	100	+16.0	-32.3	-42.8
	200	+16.0	-27.0	-34.3

a = 3.3 ft
 NOTES:
 OVERHANG PRESSURES IN THE TABLE ABOVE ASSUME AN INTERNAL PRESSURE COEFFICIENT (GCpi) OF 0.0.
 OVERHANG SOFFIT PRESSURE EQUALS ADJ WALL PRESSURE (WHICH INCLUDES INTERNAL PRESSURE OF 4.1 PSF).

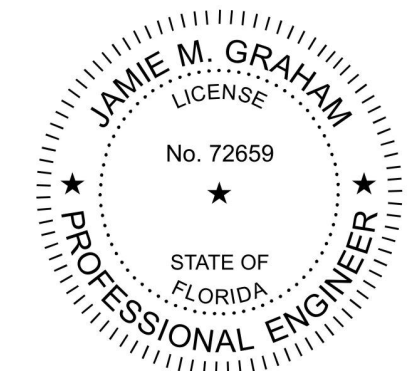
WALL ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA (SF)	WIND PRESSURE AND SUCTION (PSF)	
4	10	+27.0	-29.3
	20	+25.8	-28.1
	50	+24.2	-26.4
	100	+22.9	-25.2
	200	+21.7	-24.0
5	10	+27.0	-36.1
	20	+25.8	-33.7
	50	+24.2	-30.5
	100	+22.9	-28.1
	200	+21.7	-25.6

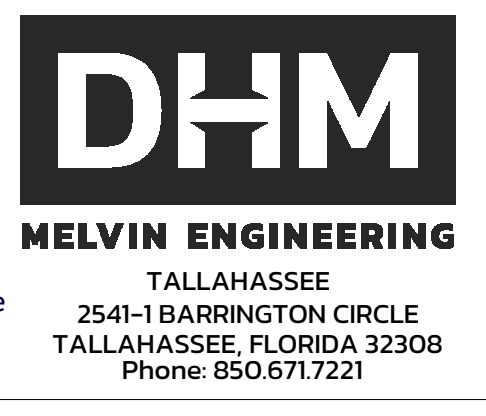


C&C LEGEND:
 - - - - - WIND LOAD SEPARATION
 [Hatched Box] OVERHANG

C&C WALL DIAGRAM



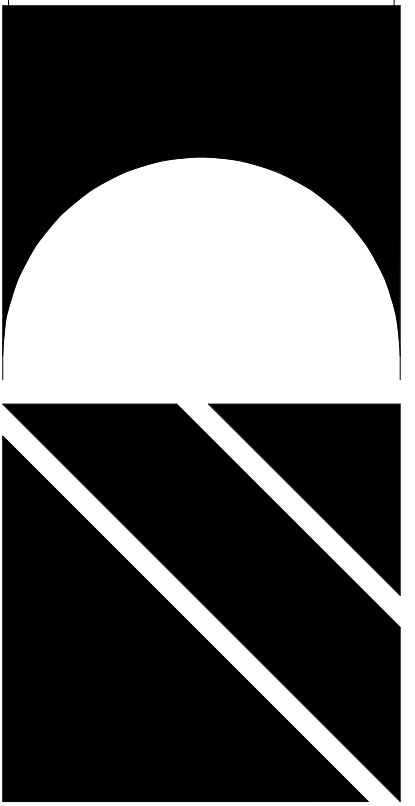
This item has been digitally signed and sealed by Jamie M. Graham, PE, on 10/09/2024
 Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic documents.



JAMIE M. GRAHAM, P.E.
 FLORIDA REG. NO. 72659

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. THE USER OF THIS DRAWING IS PROHIBITED FROM REPRODUCING, COPIING, OR IN ANY MANNER USING THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS. SUBJECT TO LEGAL ACTION.

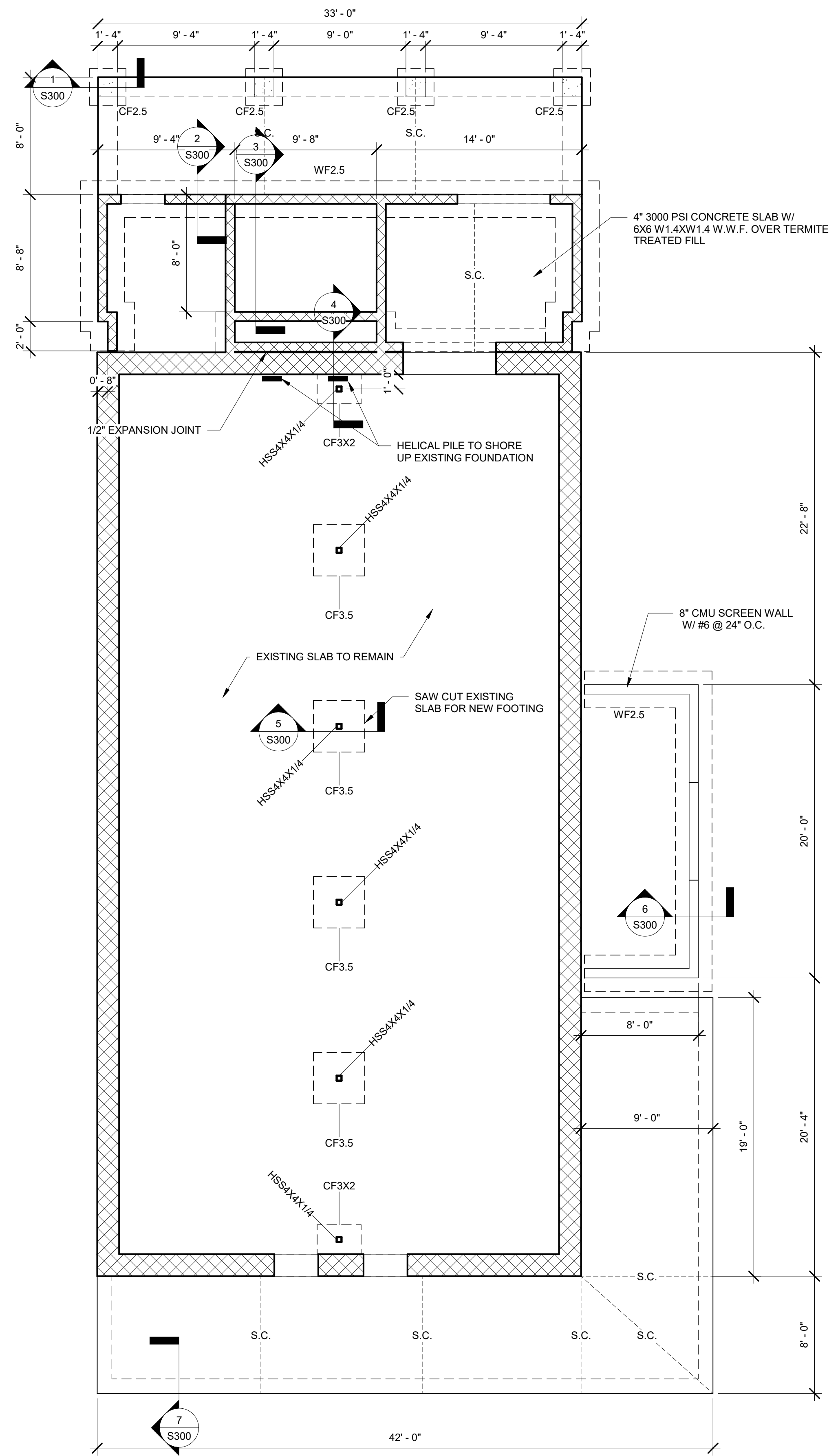
DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609



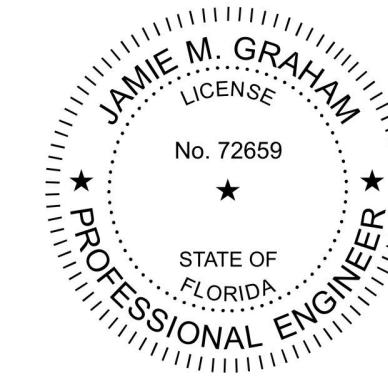
SHEET TITLE
 WINDLOAD DIAGRAM
RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
 FOR:
RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: OCTOBER 11, 2024
DRAWN BY: JMG
CHECKED BY: KMH

SHEET No.
S002



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



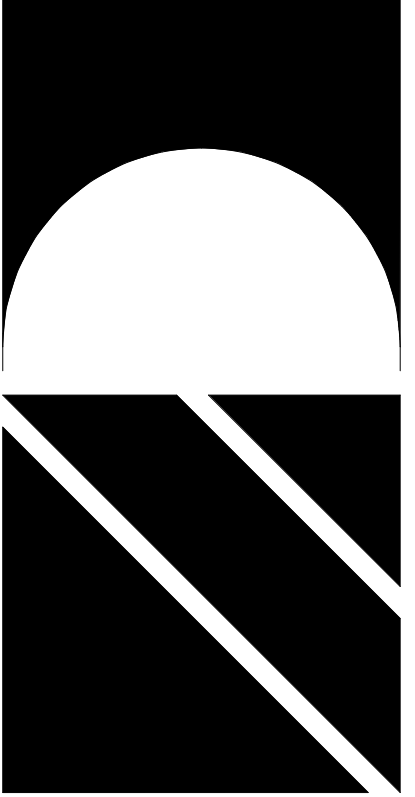
This item has been digitally signed and sealed by Jamie M. Graham, PE, on 10/09/2024
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic documents.



JAMIE M. GRAHAM, P.E.
FLORIDA REG. NO. 72659

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. THE USER OF THIS DRAWING IS PROHIBITED FROM REPRODUCING, COPIING, OR USING IT FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS. SUBJECT TO LEGAL ACTION.
DONOFRO ARCHITECTS

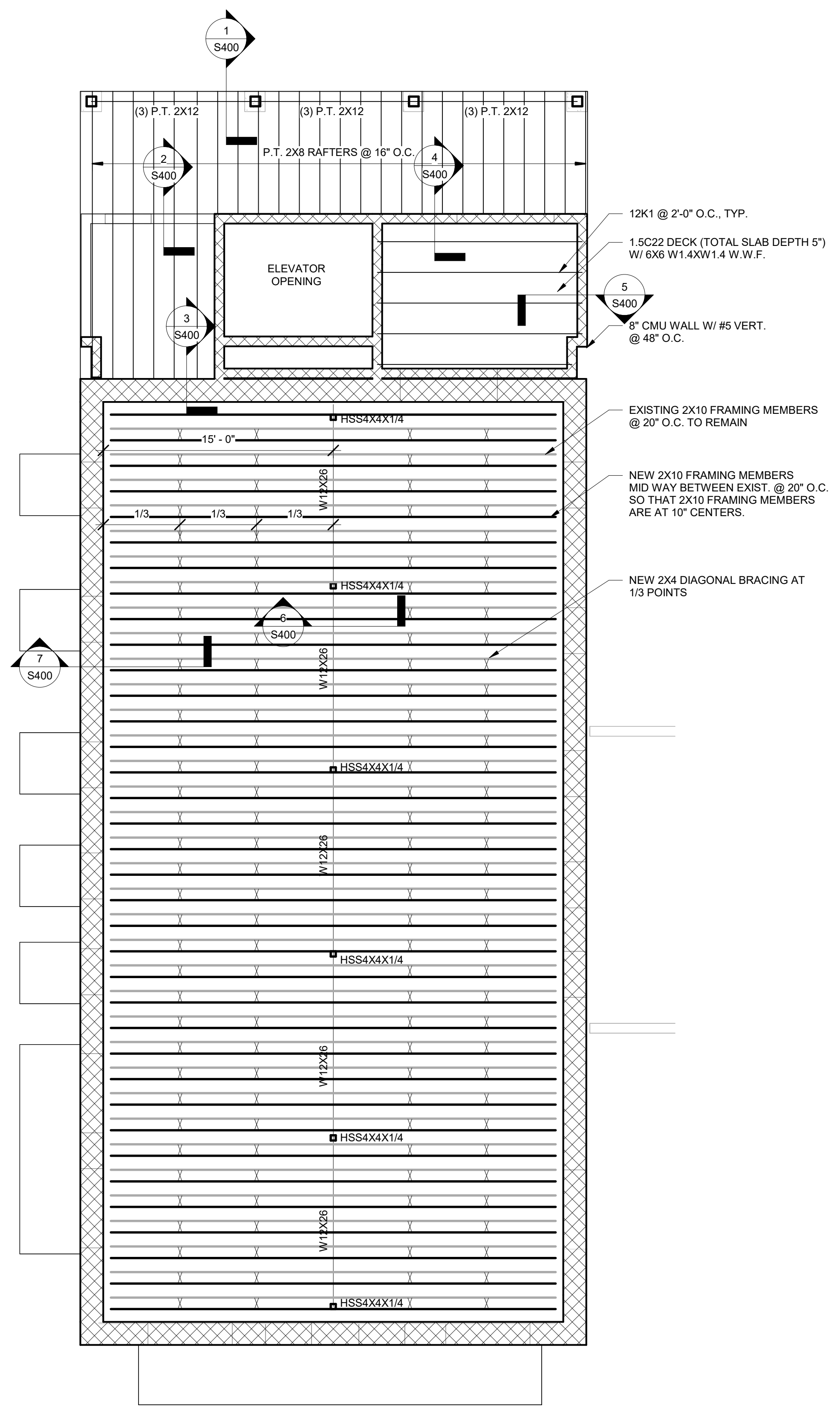
DONOFRO ARCHITECTS
P.O. BOX 861
MARIANNA, FL 32447
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261
FAX: (850) 482-8609



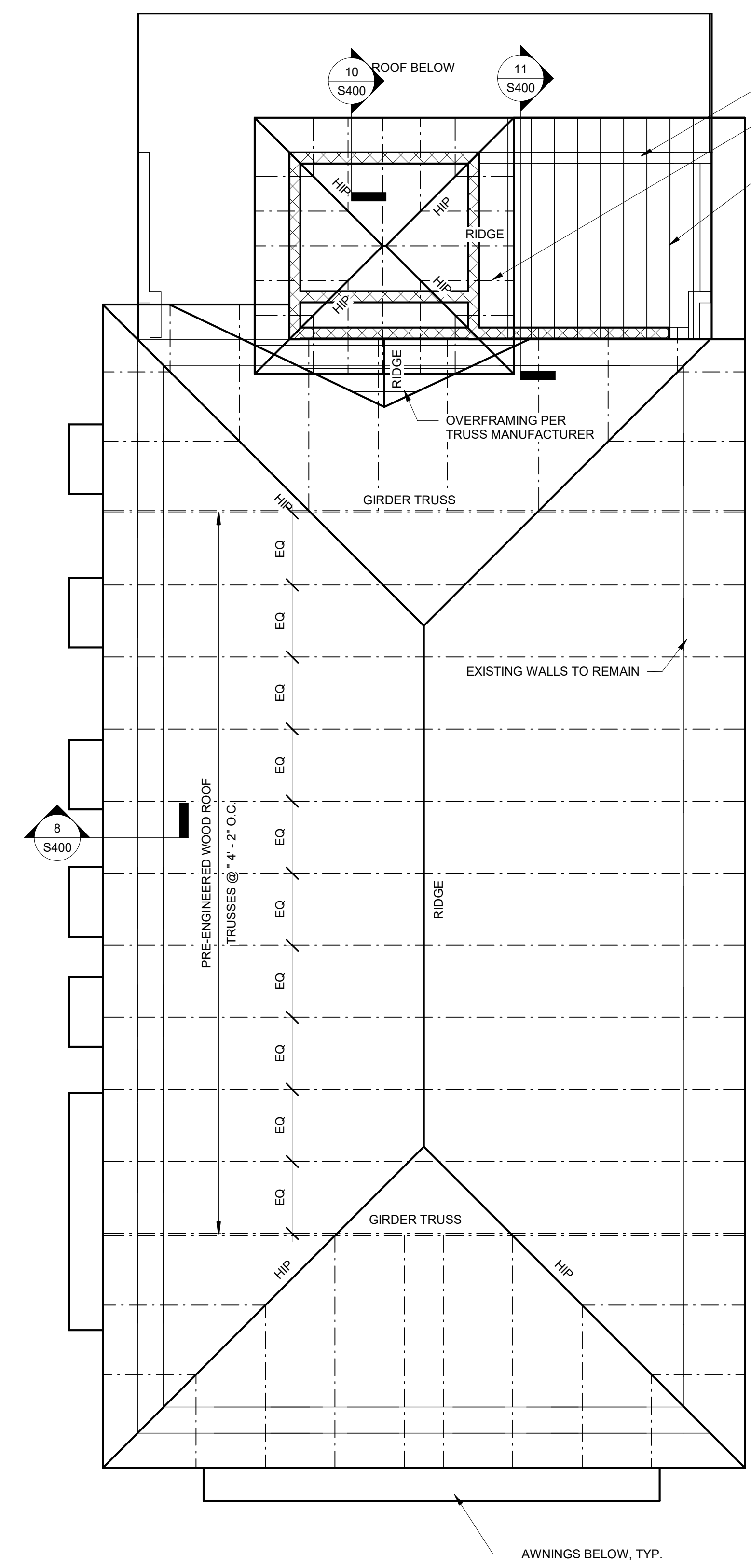
SHEET TITLE: FOUNDATION PLAN
RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: OCTOBER 11, 2024
DRAWN BY: JMG
CHECKED BY: KMH

SHEET No.
S100

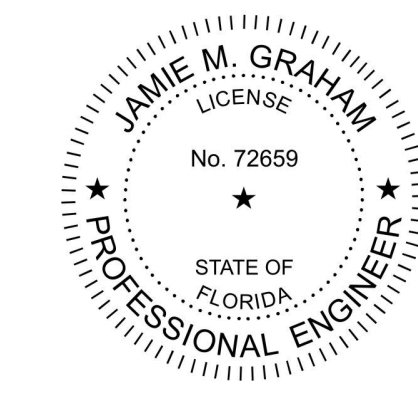


2ND FLOOR FRAMING PLAN
SCALE: 3/16" = 1'-0"



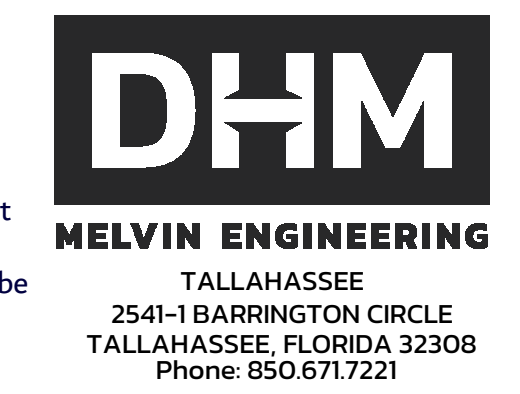
ROOF FRAMING PLAN
SCALE: 3/16" = 1'-0"

NEW 8" CMU W/ #5 VERT. @ 48" O.C.
PRE-ENGINEERED ROOF TRUSSES @ 2'-0" O.C.
2X8 RAFTERS @ 16" O.C.



This item has been digitally signed and sealed by Jamie M. Graham, PE, on 10/09/2024

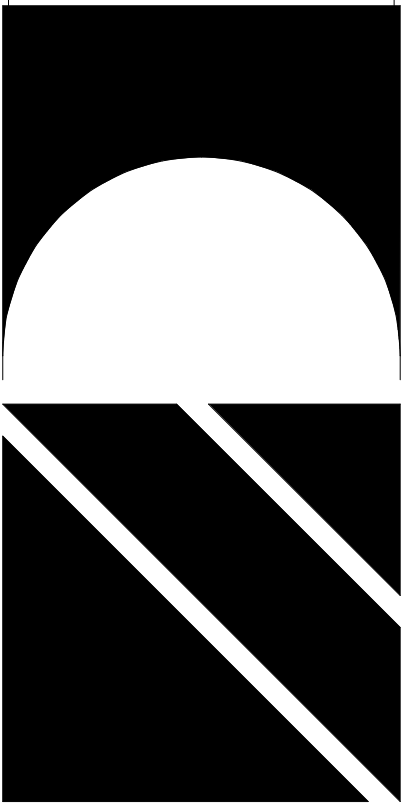
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic documents.



JAMIE M. GRAHAM, P.E.
FLORIDA REG. NO. 72659

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. THE BORROWER AGREES TO RETURN THIS DRAWING TO DONOFRO ARCHITECTS UPON COMPLETION OF THE PROJECT. ANY REUSE OR REPRODUCTION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS IS PROHIBITED. ANY VIOLATION IS SUBJECT TO LEGAL ACTION.
DONOFRO ARCHITECTS

DONOFRO ARCHITECTS
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261
P.O. BOX 861
MARIANNA, FL 32447
FAX: (850) 482-8609

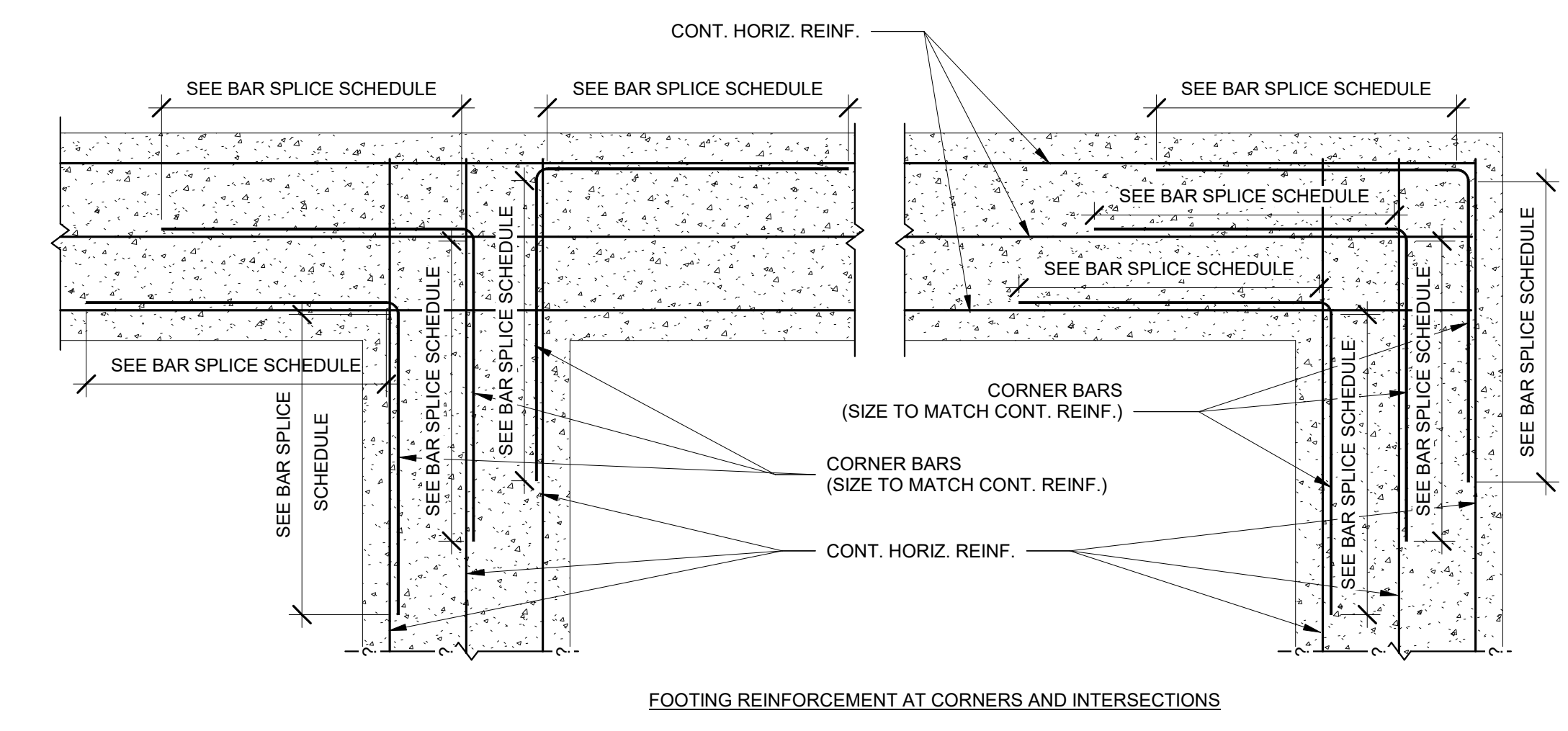
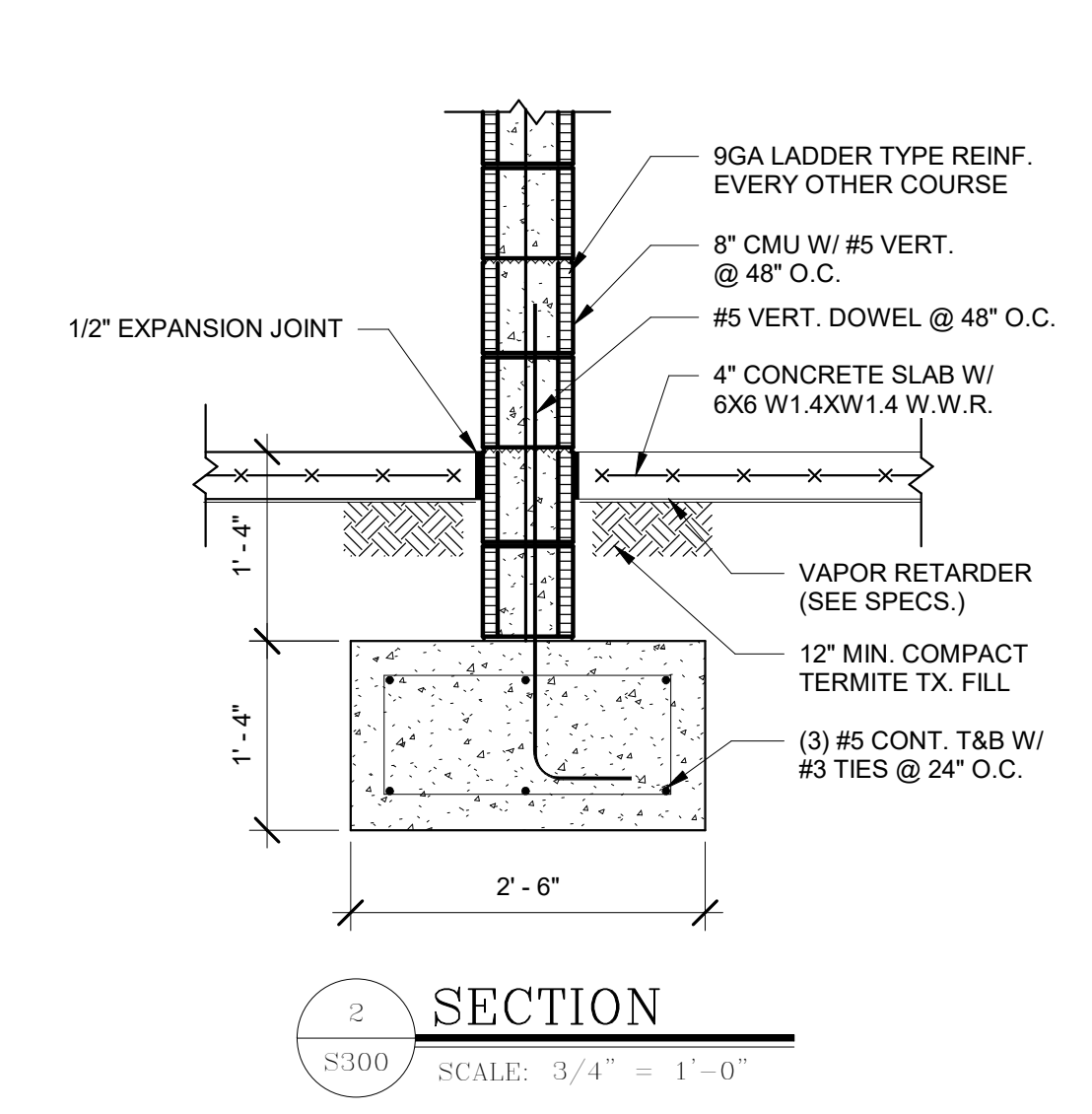
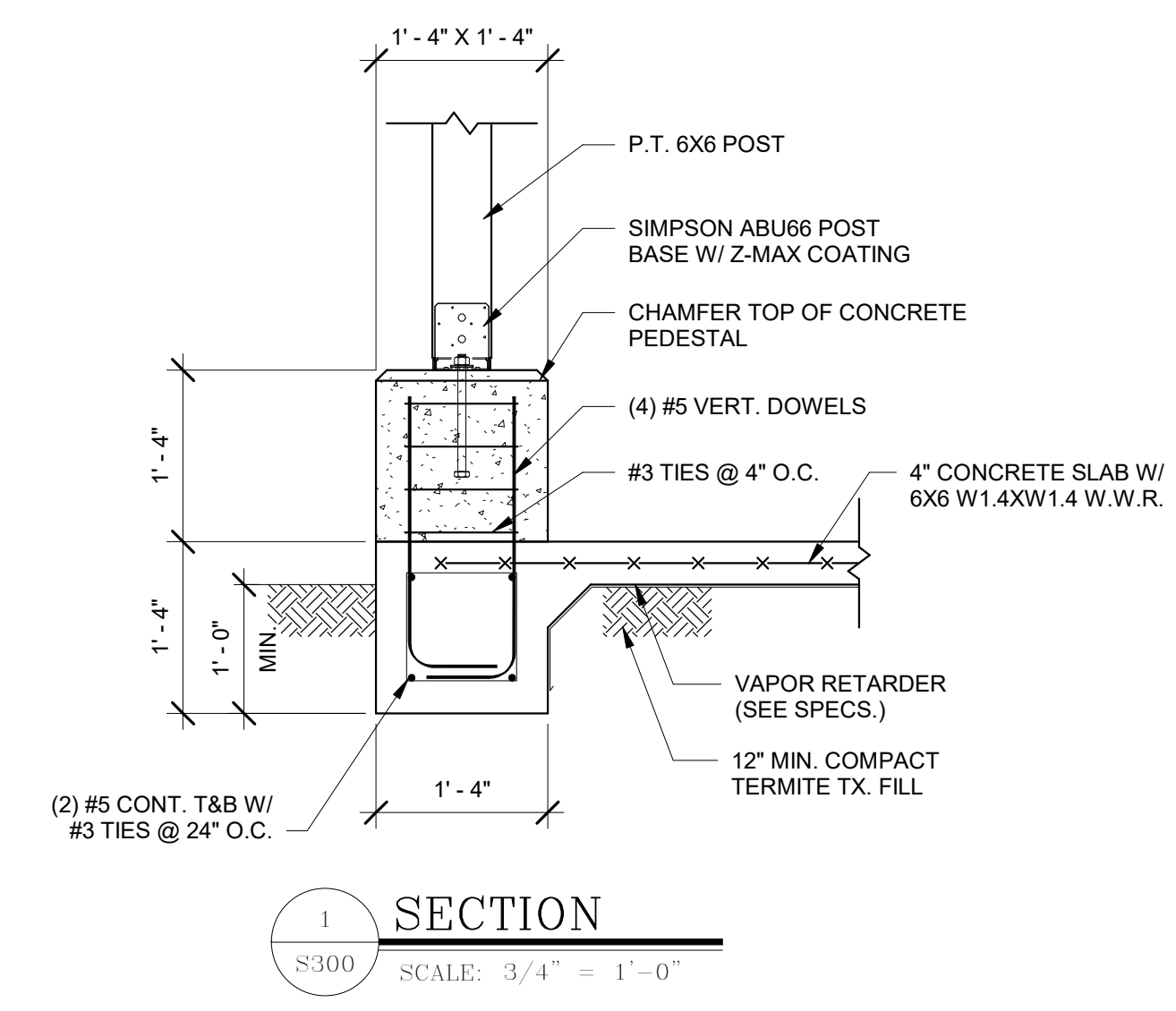


SHEET TITLE: FRAMING PLANS
RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

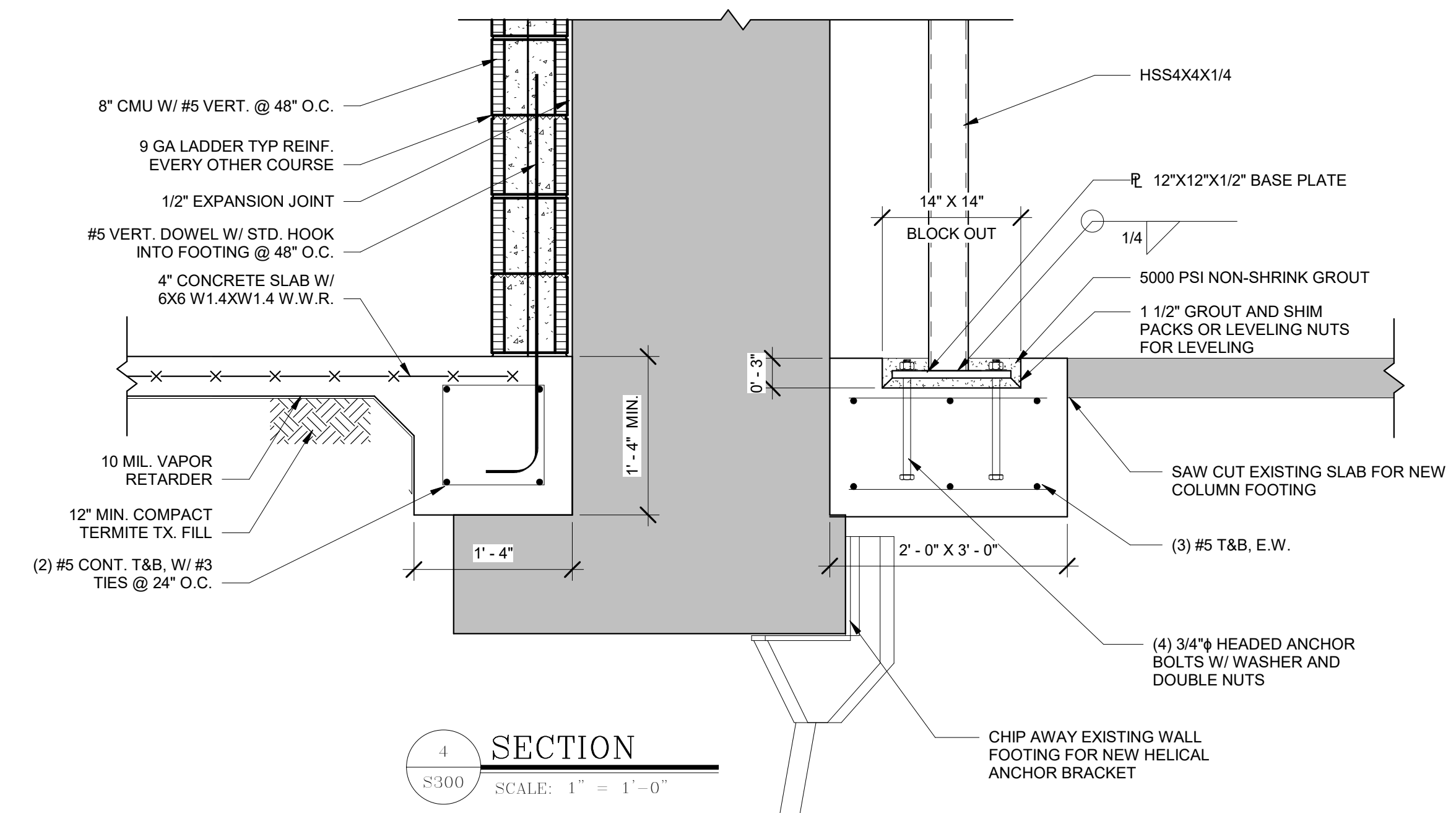
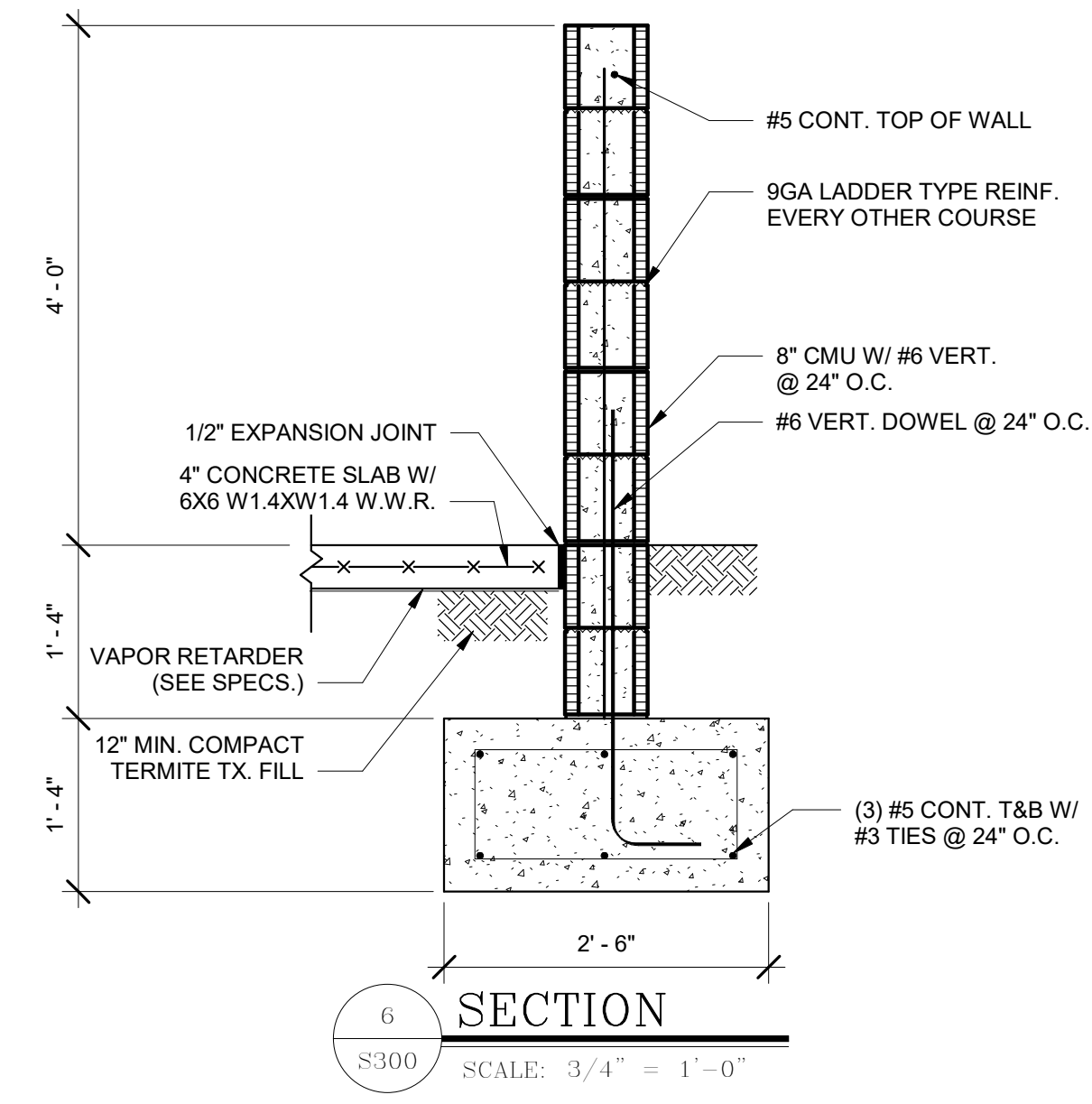
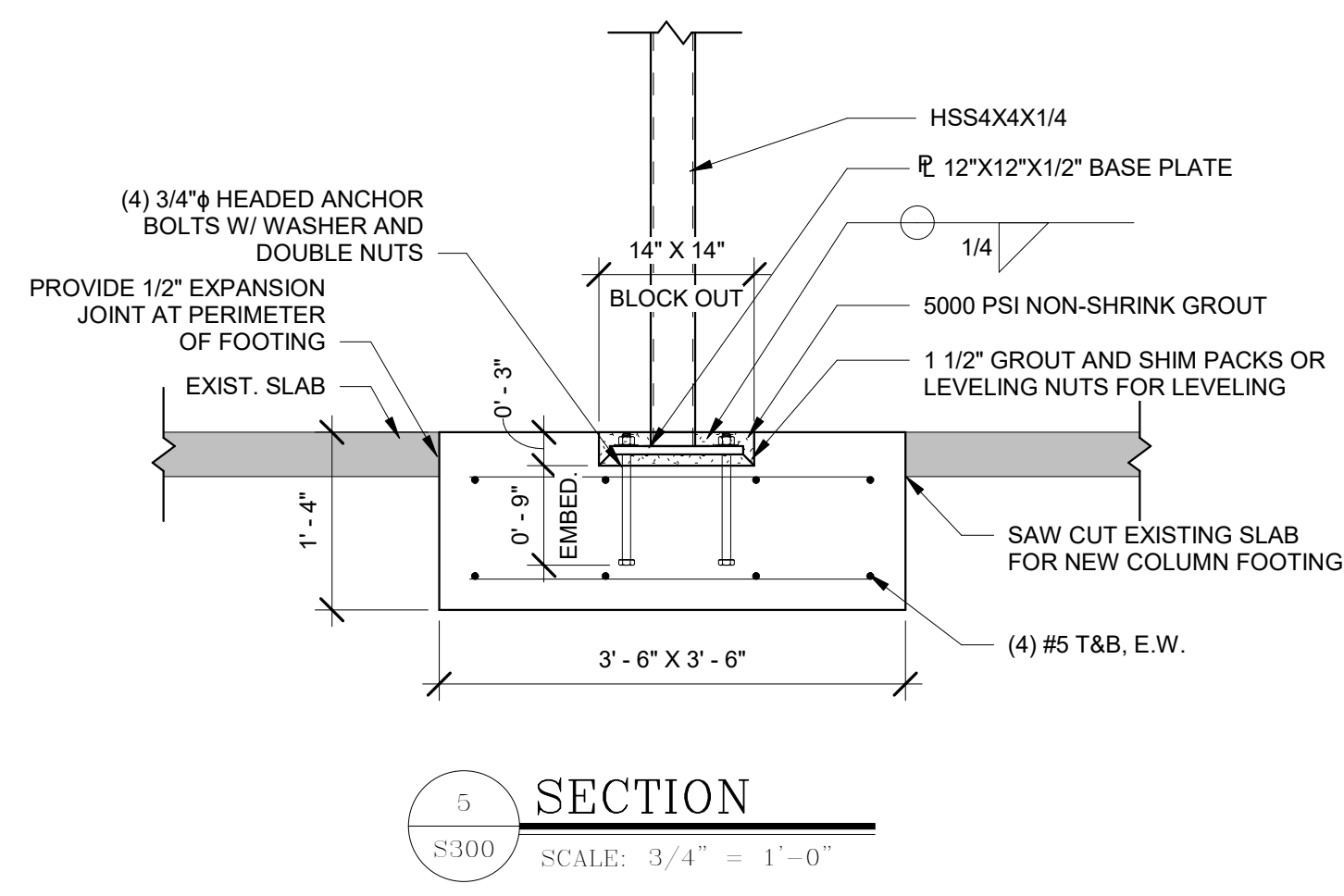
JOB NUMBER: M-2022-21
DATE: OCTOBER 11, 2024
DRAWN BY: JMG
CHECKED BY: KMH

SHEET No. S200

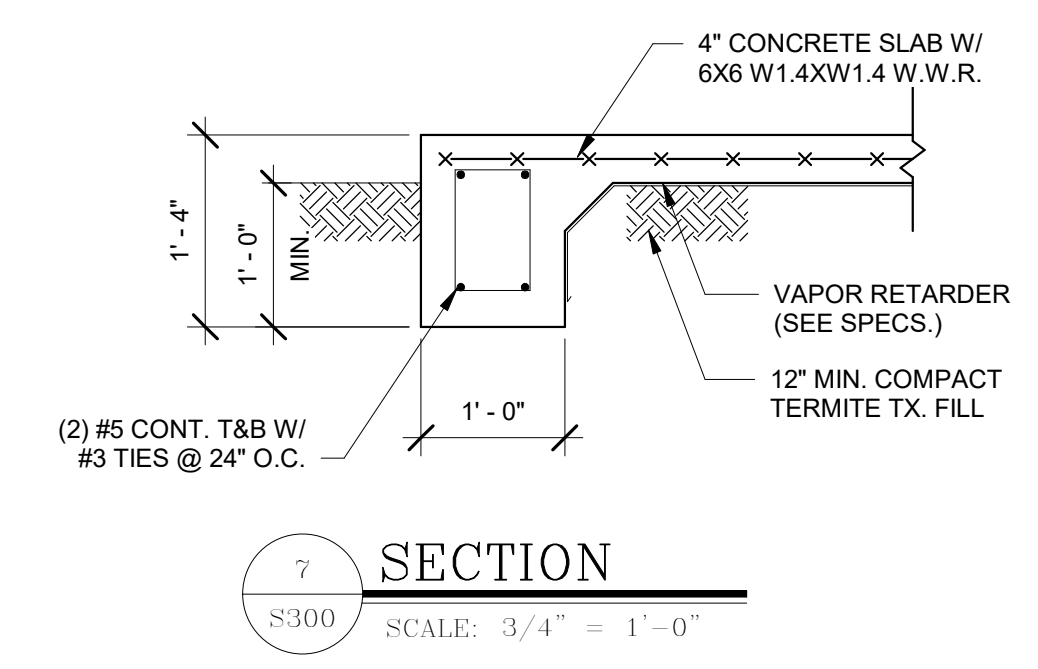
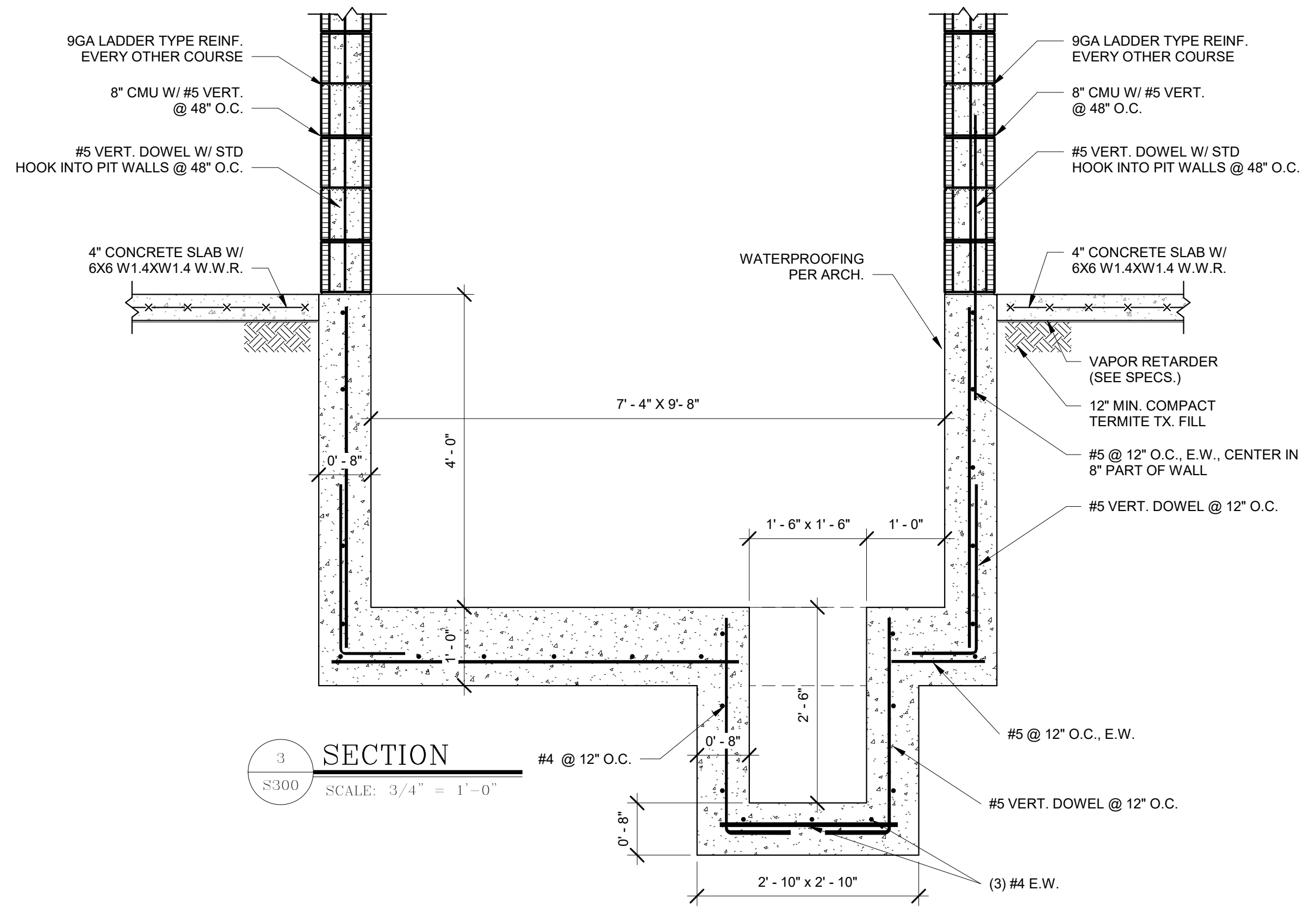
A



B



C

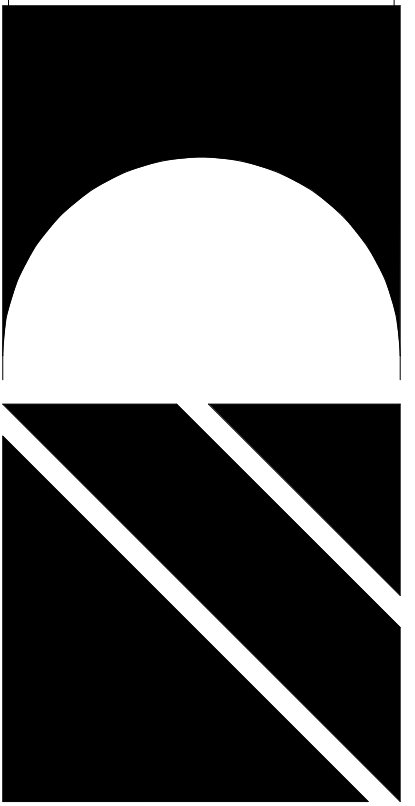


D

JAMIE M. GRAHAM, P.E.
FLORIDA REG. NO. 72659

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR REPRODUCTION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS IS PROHIBITED. ANY VIOLATION WILL BE SUBJECT TO LEGAL ACTION.
DONOFRO ARCHITECTS

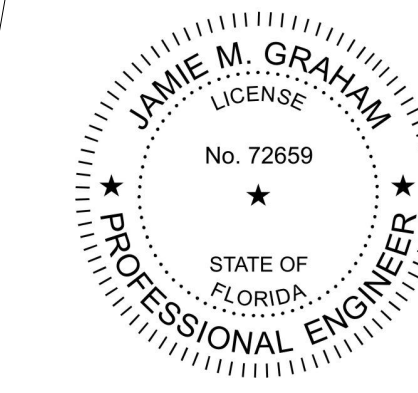
DONOFRO ARCHITECTS
2910 CALEDONIA ST.
MARIANNA, FL 32447
OFFICE: (850) 482-5261



FOUNDATION DETAILS
RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR:
RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: OCTOBER 11, 2024
DRAWN BY: JMG
CHECKED BY: KMH

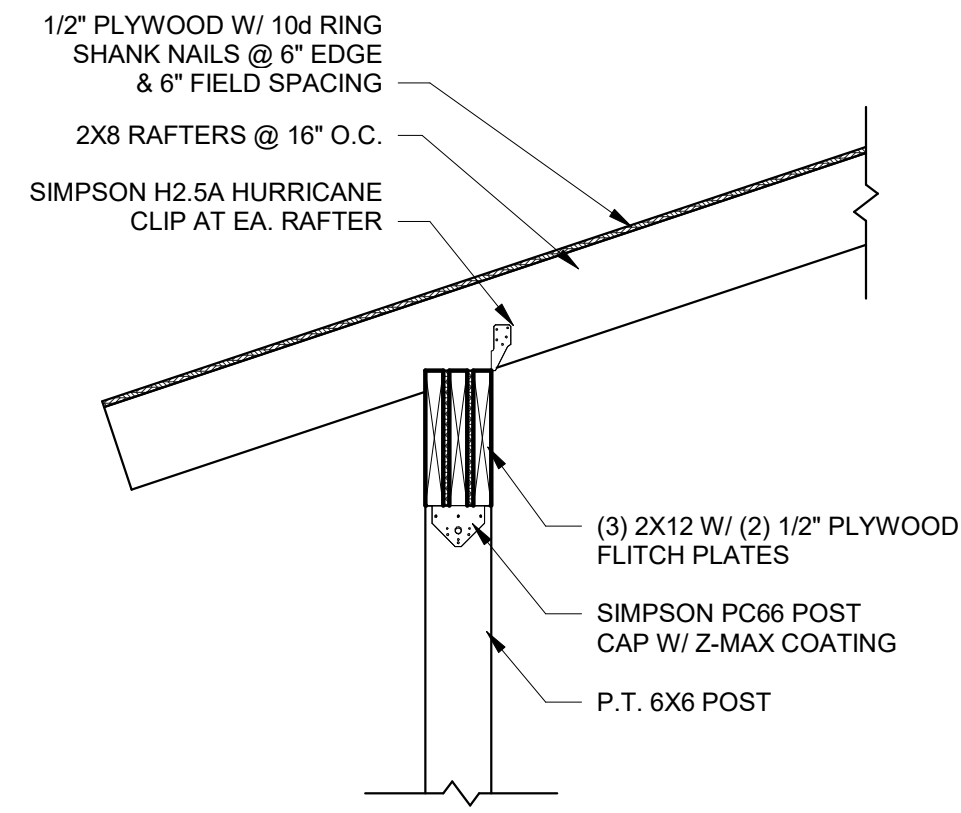
SHEET No.
S300



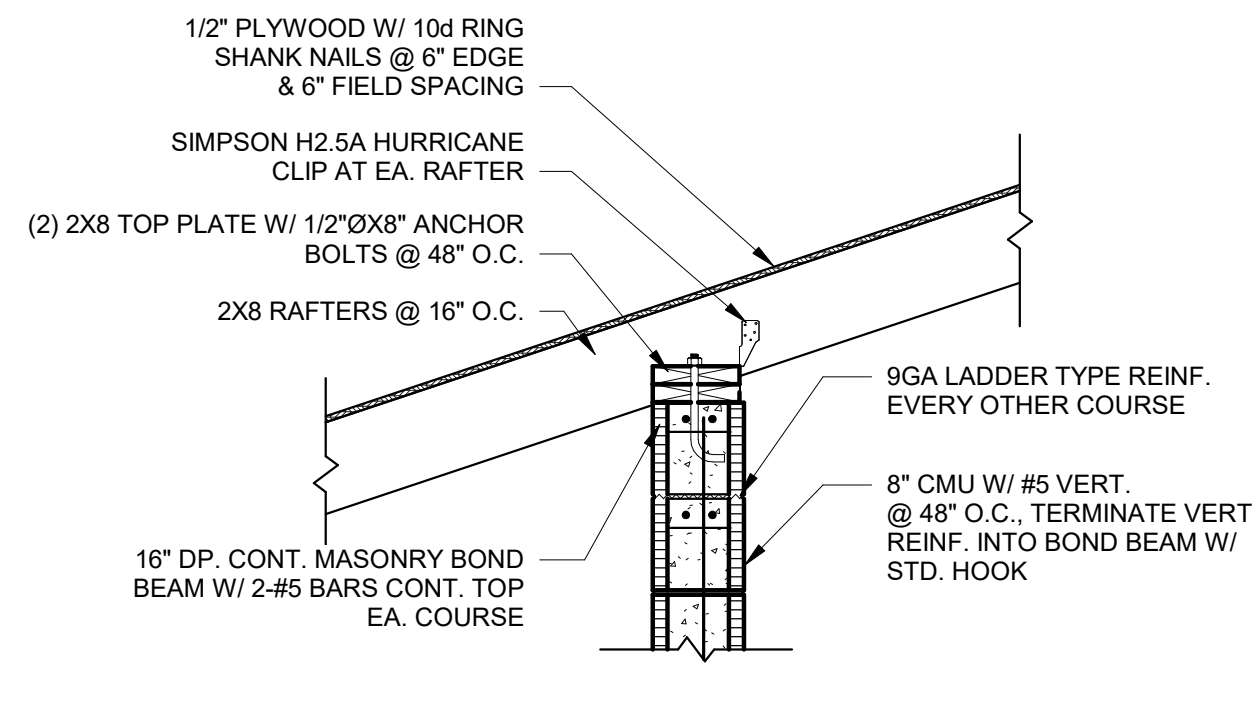
This item has been digitally signed and sealed by Jamie M. Graham, PE, on 10/09/2024

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic documents.

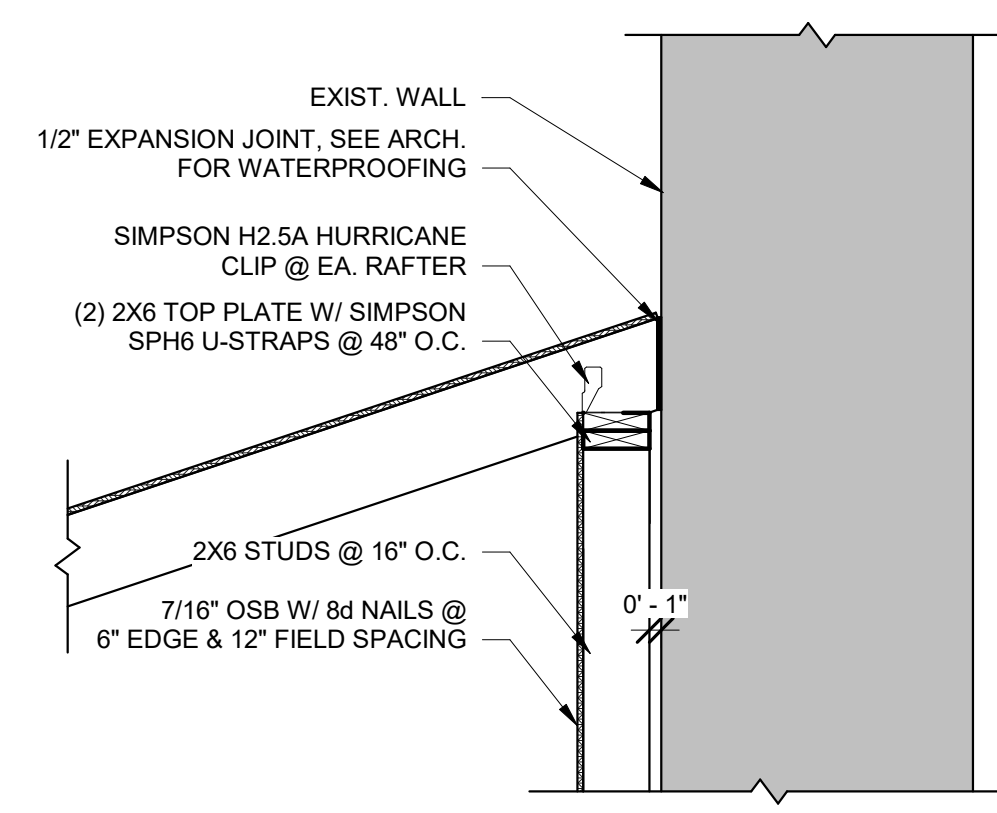
DHM
MELVIN ENGINEERING
TALLAHASSEE
2541-1 BARRINGTON CIRCLE
TALLAHASSEE, FLORIDA 32308
Phone: 850.671.7221



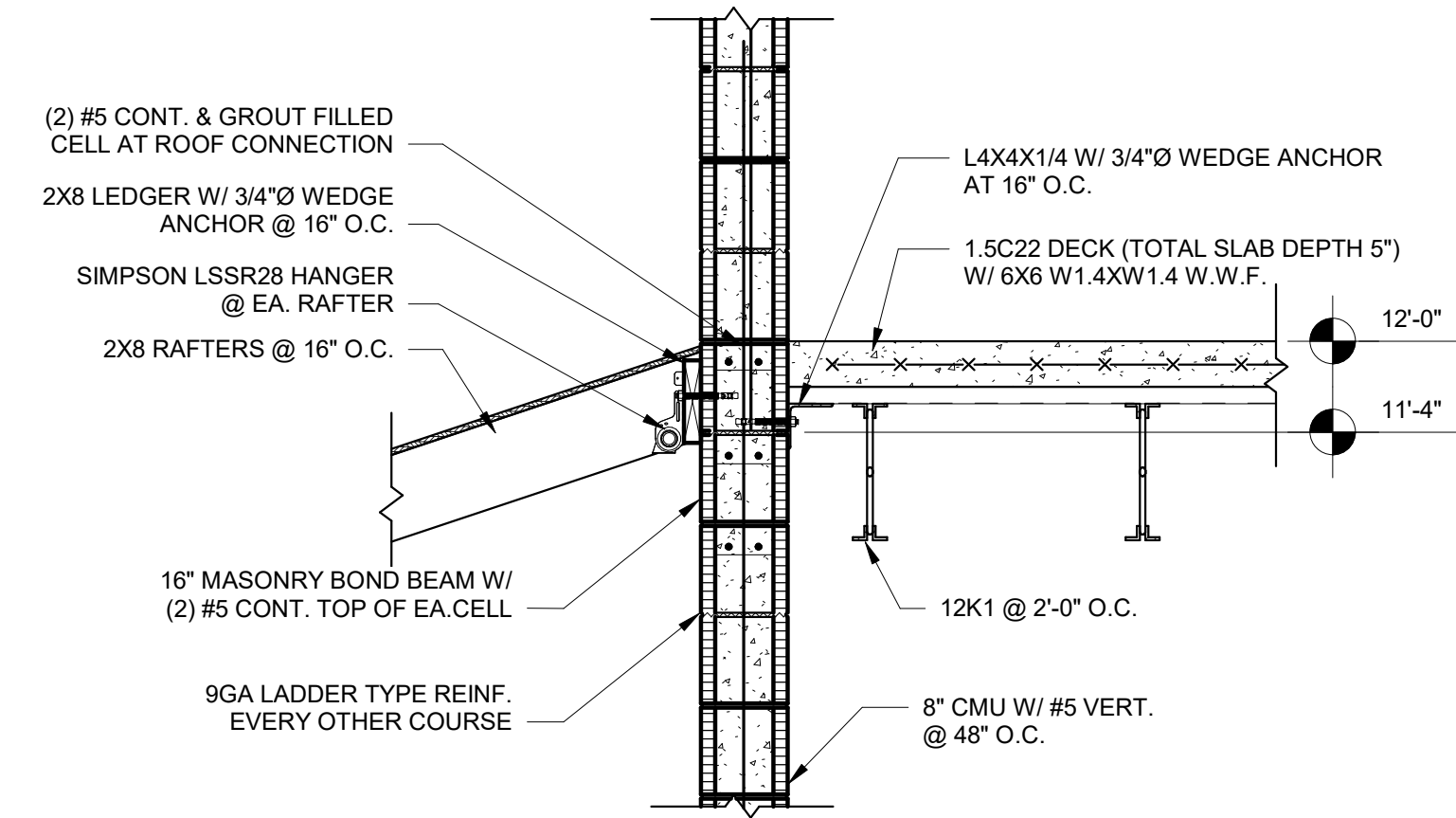
1 SECTION
S400 SCALE: 3/4" = 1'-0"



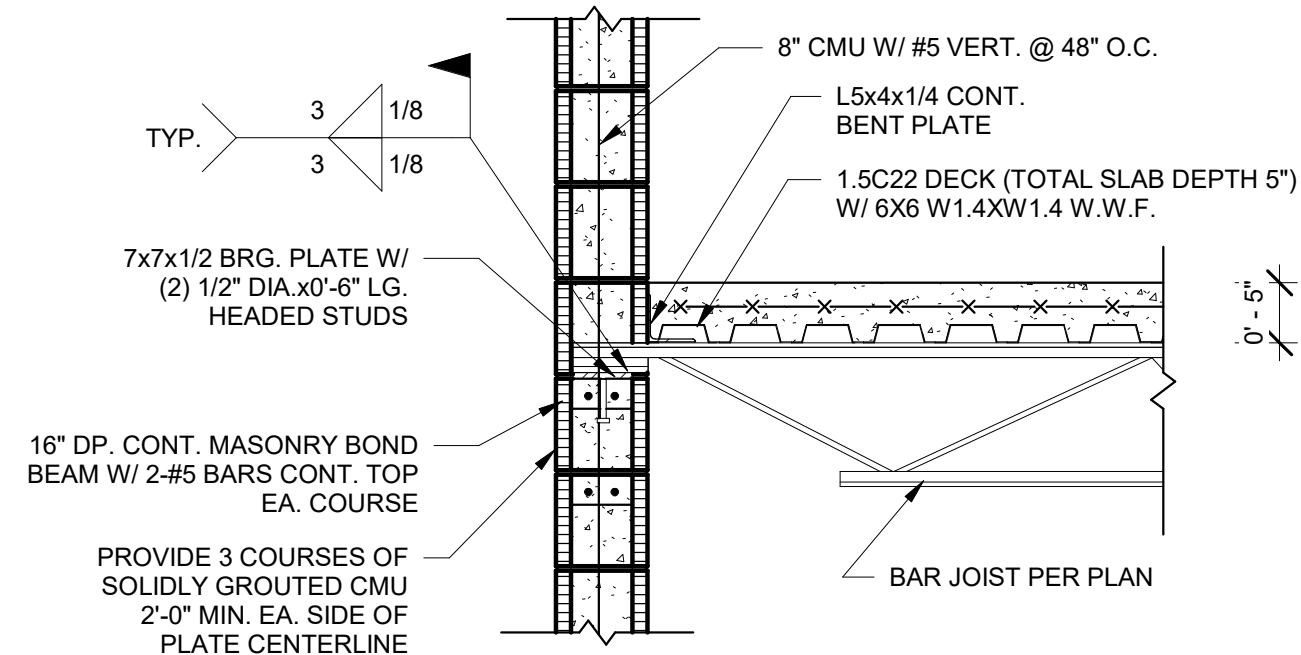
2 SECTION
S400 SCALE: 3/4" = 1'-0"



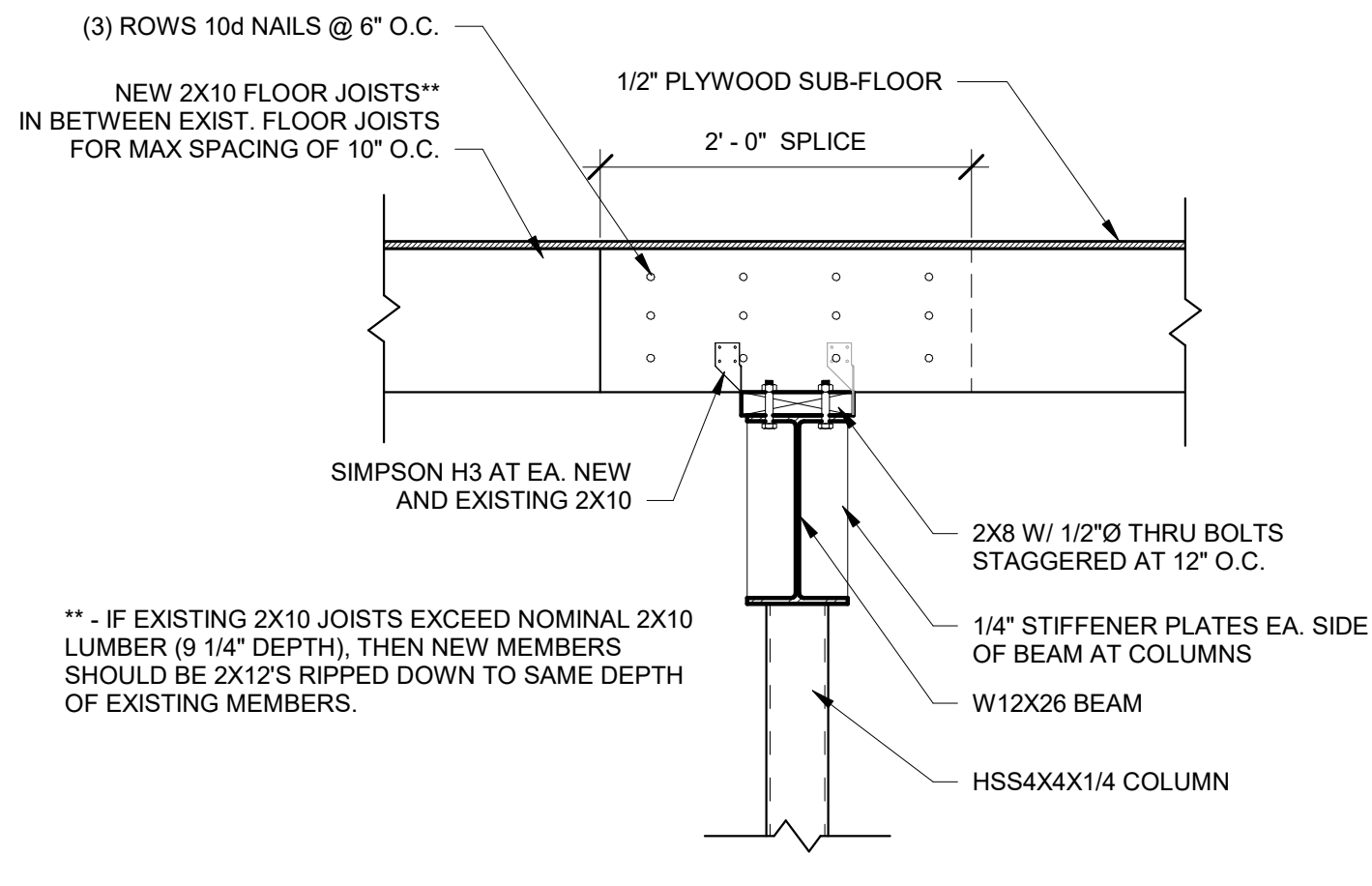
3 SECTION
S400 SCALE: 3/4" = 1'-0"



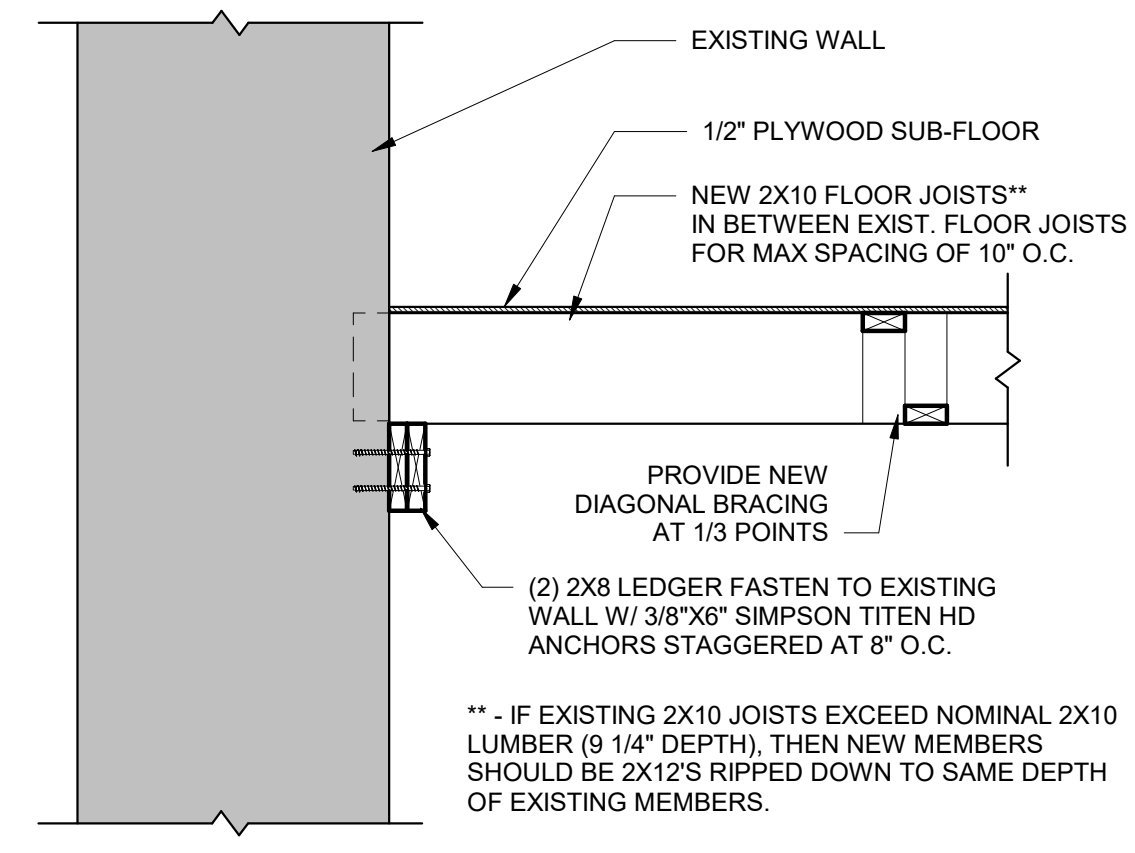
4 SECTION
S400 SCALE: 3/4" = 1'-0"



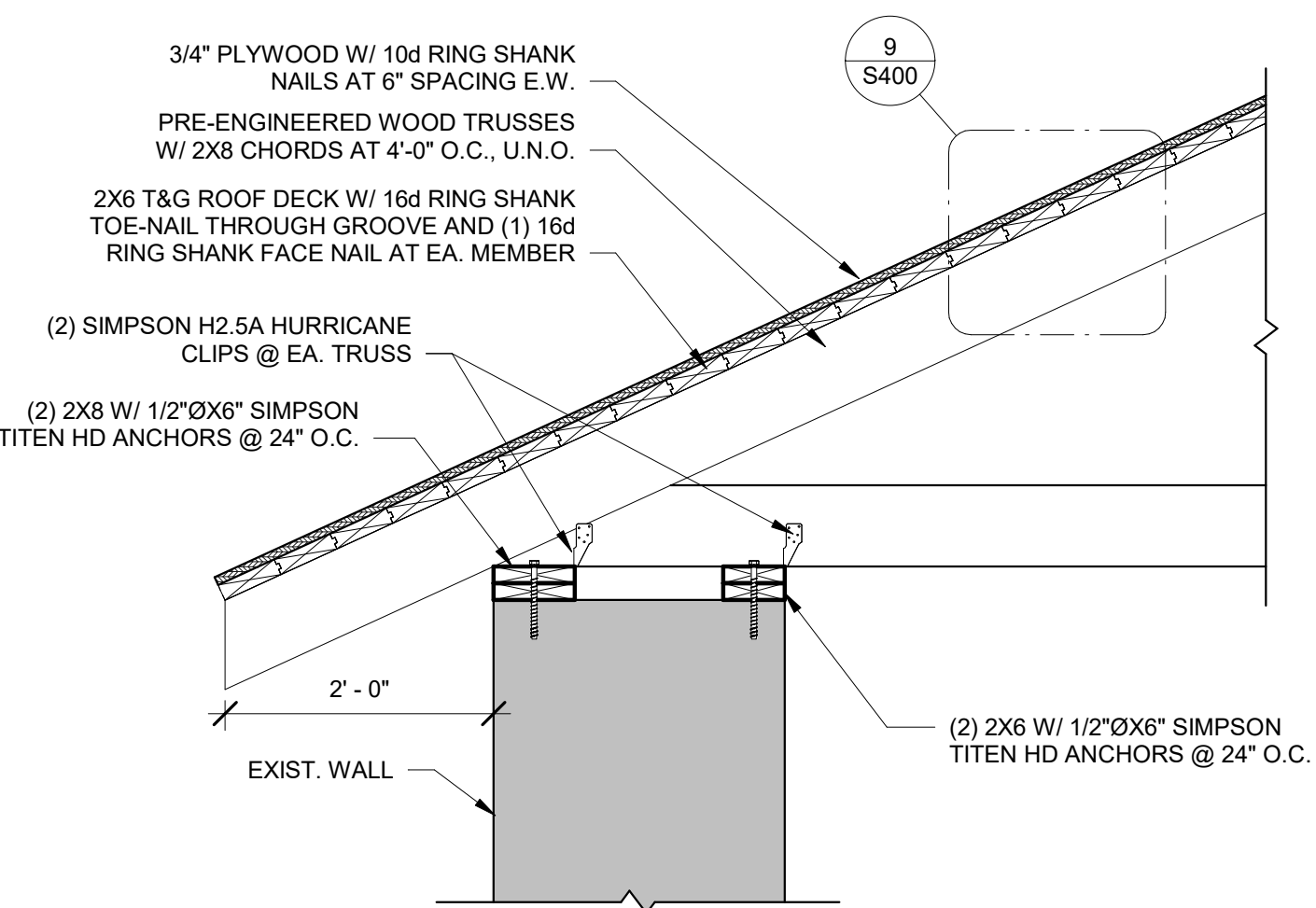
5 SECTION
S400 SCALE: 3/4" = 1'-0"



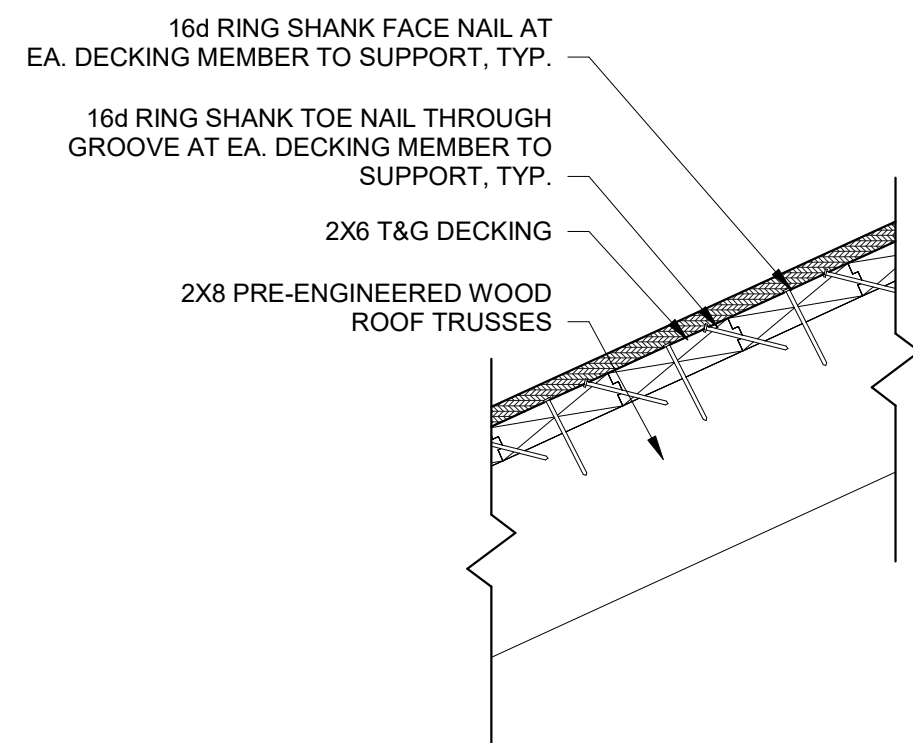
6 SECTION
S400 SCALE: 1" = 1'-0"



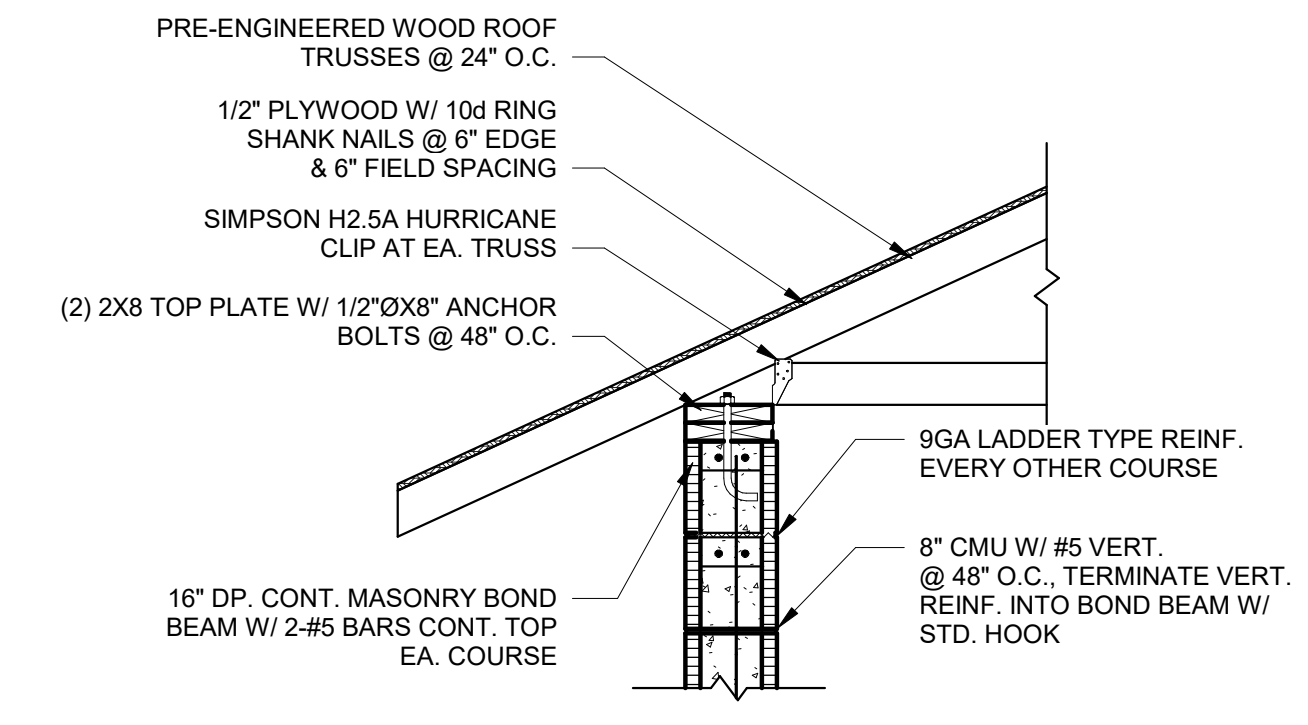
7 SECTION
S400 SCALE: 3/4" = 1'-0"



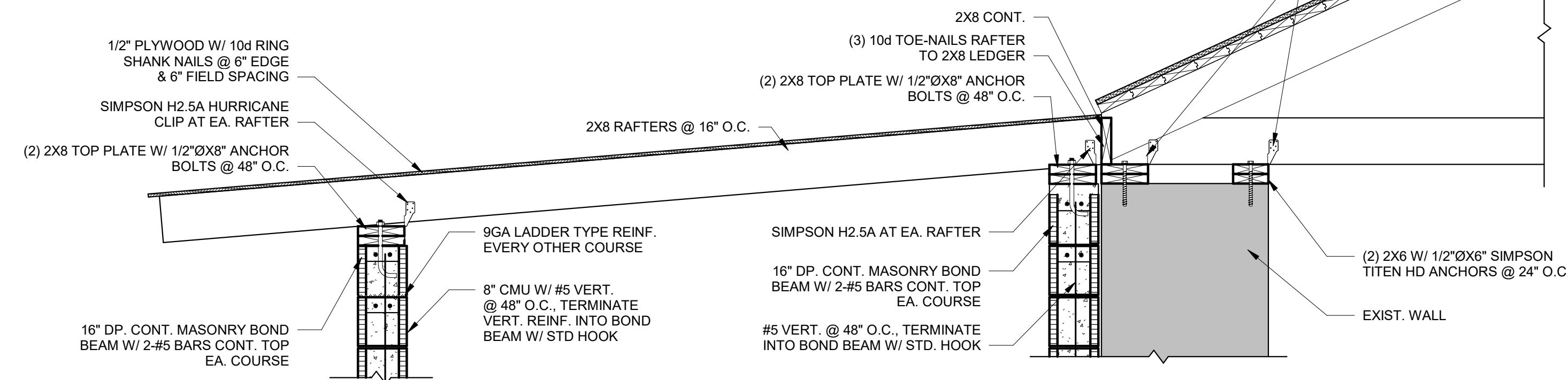
8 SECTION
S400 SCALE: 3/4" = 1'-0"



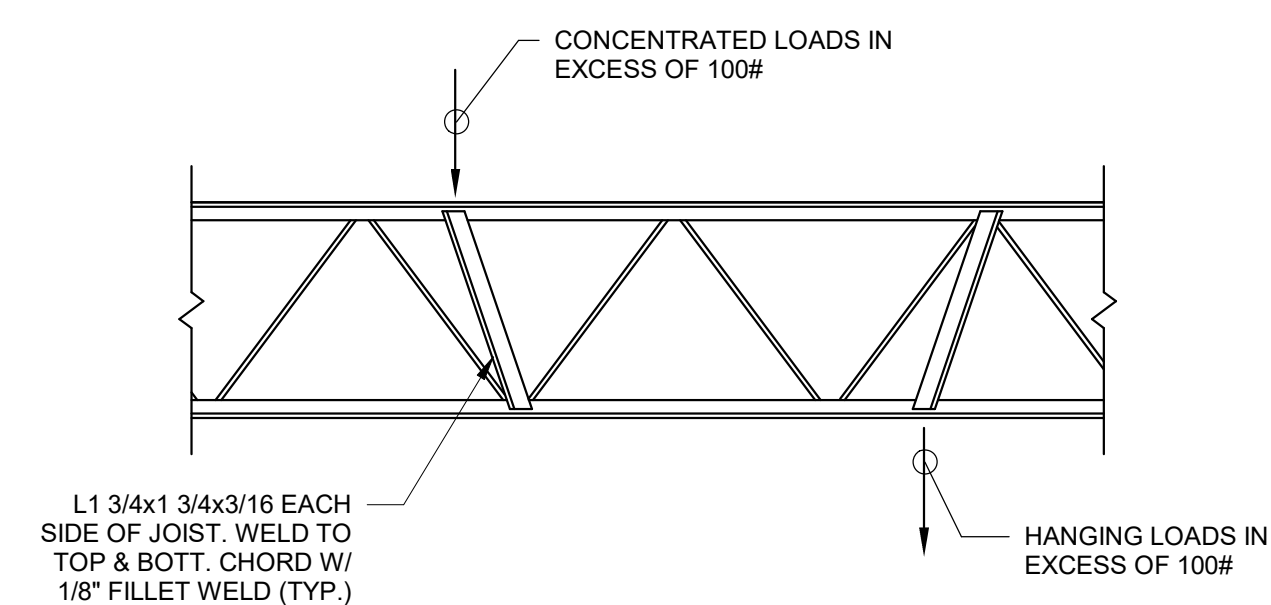
9 SECTION
S400 SCALE: 1 1/2" = 1'-0"



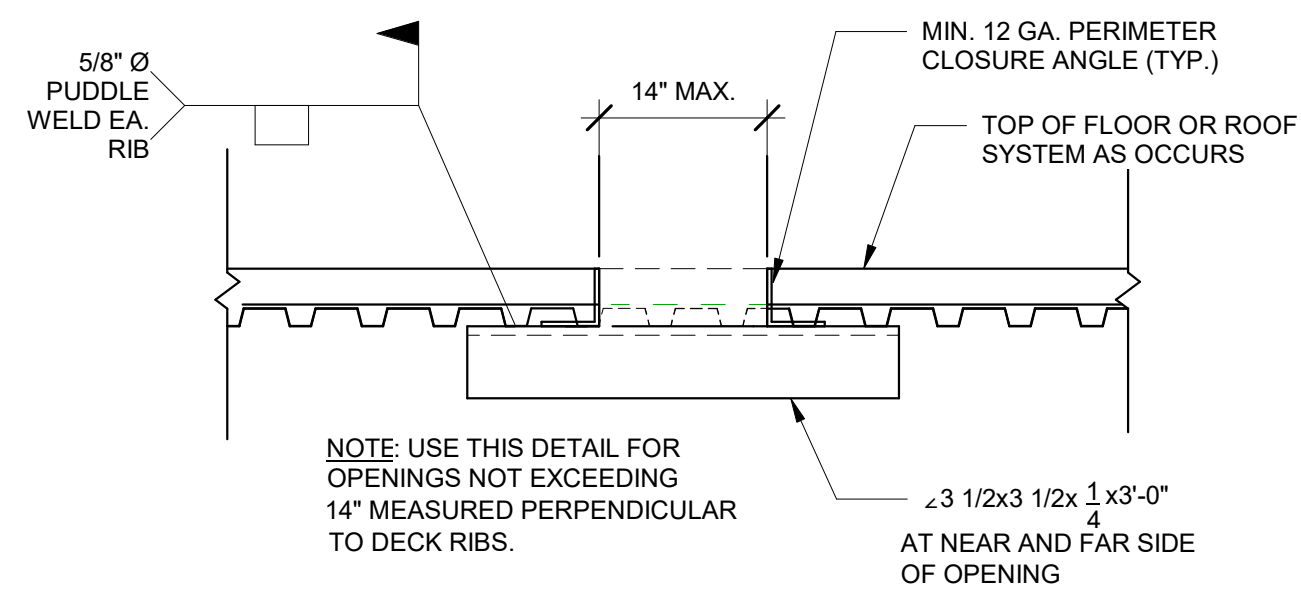
10 SECTION
S400 SCALE: 3/4" = 1'-0"



11 SECTION
S400 SCALE: 3/4" = 1'-0"



D JOIST CONCENTRATED LOAD
S400 SCALE: 3/4" = 1'-0"



C FRAMED OPENING < 14"
S400 SCALE: 3/4" = 1'-0"

JAMIE M. GRAHAM, P.E.
FLORIDA REG. NO. 72659

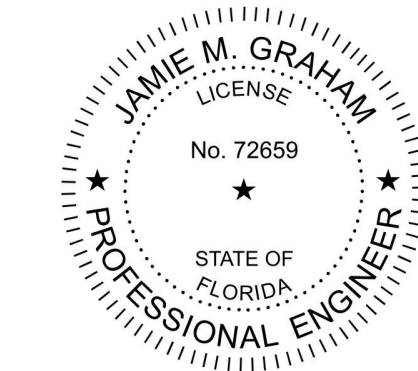
DONOFRO ARCHITECTS
P.O. BOX 861
MARIANNA, FL 32447
OFFICE: (850) 482-8609



RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR:
FAMILLY CENTER, INC.
MARIANNA, FLORIDA

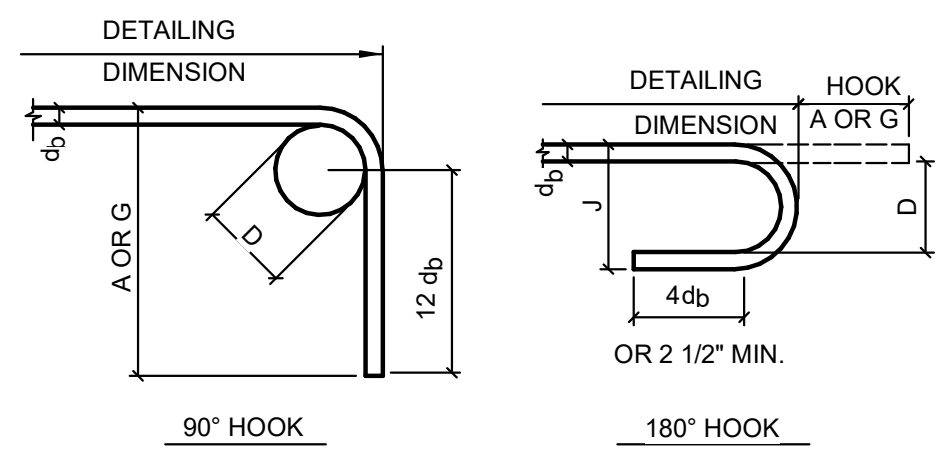
JOB NUMBER: M-2022-21
DATE: OCTOBER 11, 2024
DRAWN BY: JMG
CHECKED BY: KMH

SHEET No.
S400



This item has been digitally signed and sealed by Jamie M. Graham, PE, on 10/09/2024
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic documents.

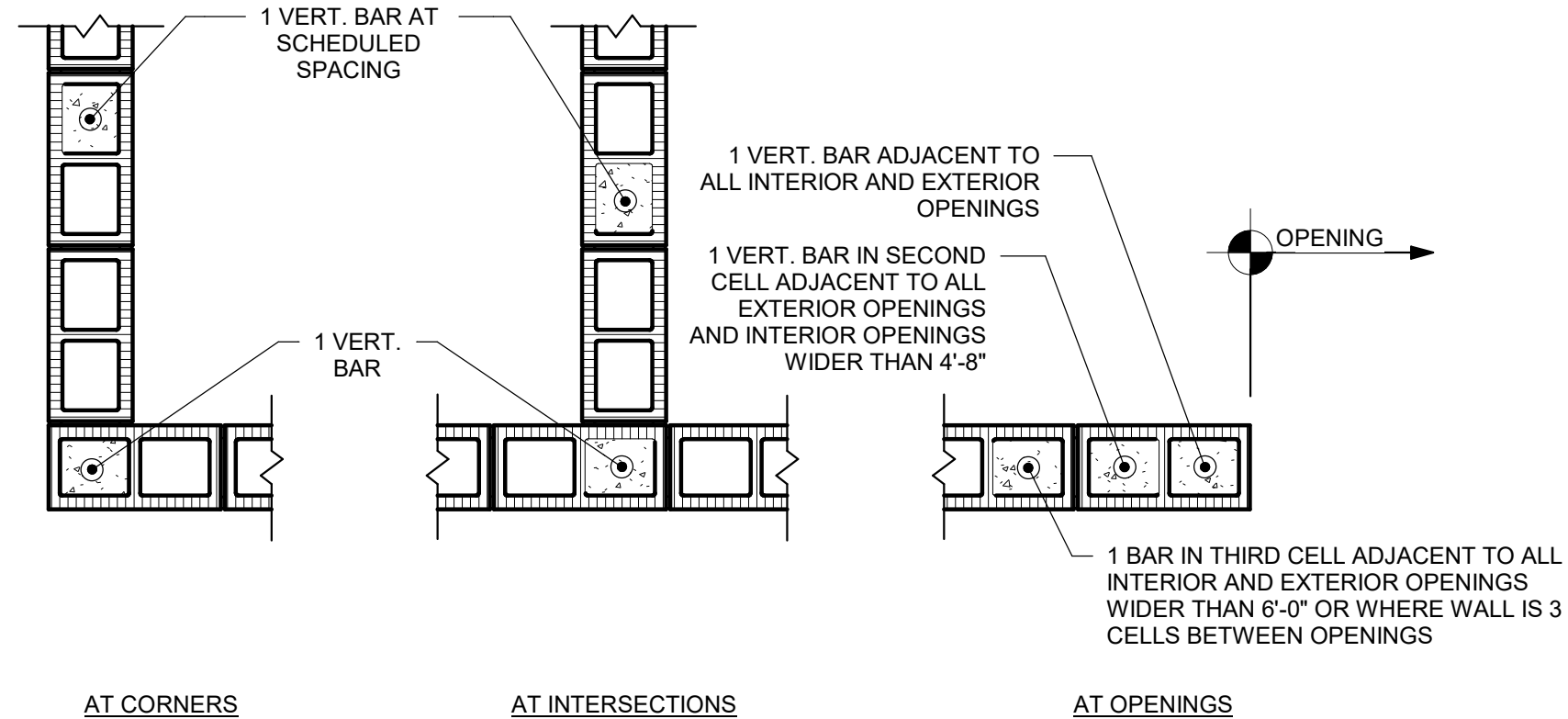




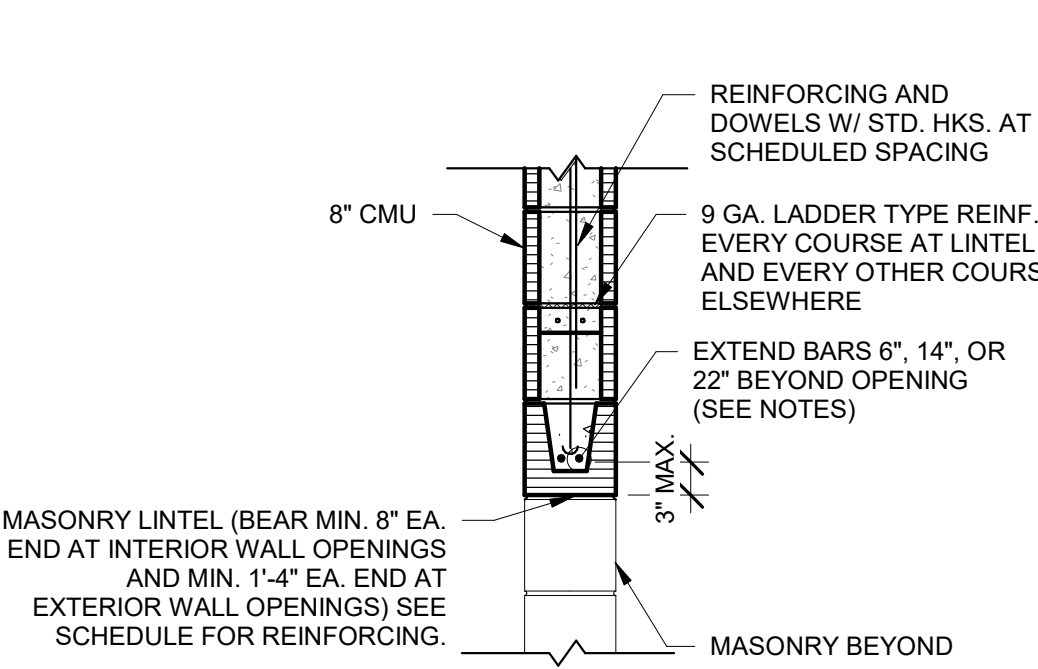
RECOMMENDED END HOOKS, ALL GRADES				
BAR SIZE	FINISHED BEND DIAMETER D (IN.)	180° HOOKS		90° HOOKS
		A OR G (IN.)	J (IN.)	A OR G (IN.)
#3	2 1/4	5	3	6
#4	3	6	4	8
#5	3 3/4	7	5	10
#6	4 1/2	8	6	12
#7	5 1/4	10	7	14
#8	6	11	8	16
#9	9 1/2	15	11 3/4	19
#10	10 3/4	17	13 1/4	22
#11	12	19	14 3/4	24
#14	18 1/4	27	21 3/4	31
#18	24	36	28 1/2	41

D = INSIDE DIAMETER OF BEND

END HOOKS



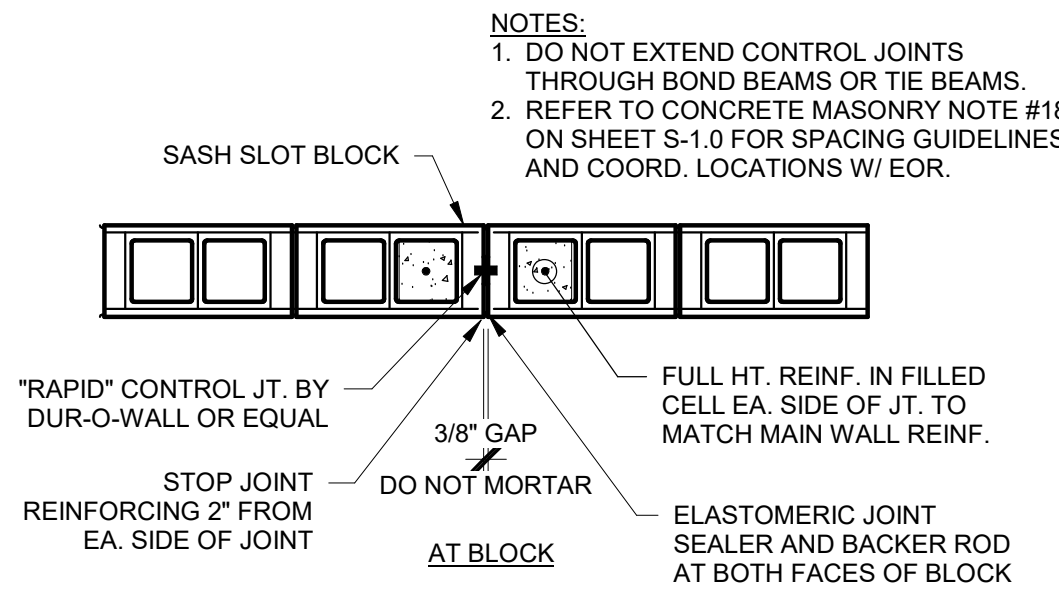
4 MASONRY WALL REINFORCING
SCALE: 3/4" = 1'-0"



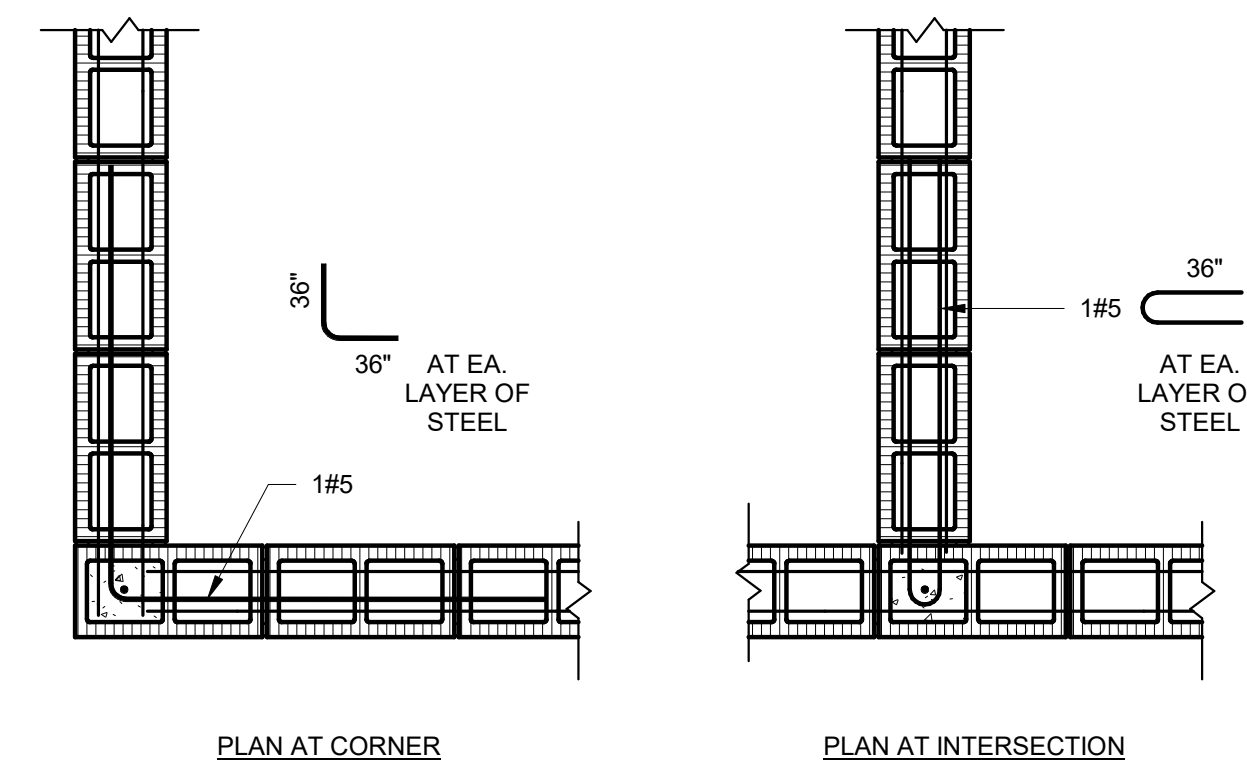
LINTEL SCHEDULE				
MAX. SPAN	MIN. DEPTH	TOP REINF.	BOTT. REINF.	VERTICAL
4'-0"	8"	-	1#5	-
6'-0"	16"	-	2#5	-
8'-0"	16"	-	2#6	-
10'-0"	24"	2#5	2#6	-

- NOTES:
- WHERE ADJACENT MASONRY OPENINGS ARE LESS THAN OR EQUAL TO 2'-8" APART, THE MASONRY LINTEL INCLUDING REINFORCING SHALL BE CONT. FULL SPAN OF ADJACENT OPENINGS PLUS END BEARING.
 - IF OPENING OCCURS WITHIN 16" OF WALL CORNER, INSTALL CORNER BARS IN ADDITION TO CONTINUOUS LINTEL REINFORCEMENT.
 - FOR 8" LINTEL BEARING, EXTEND REINFORCING 6" BEYOND FACE OF SUPPORT.
 - FOR 16" LINTEL BEARING, EXTEND REINFORCING 14" BEYOND FACE OF SUPPORT.
 - FOR 24" LINTEL BEARING, EXTEND REINFORCING 22" BEYOND FACE OF SUPPORT.

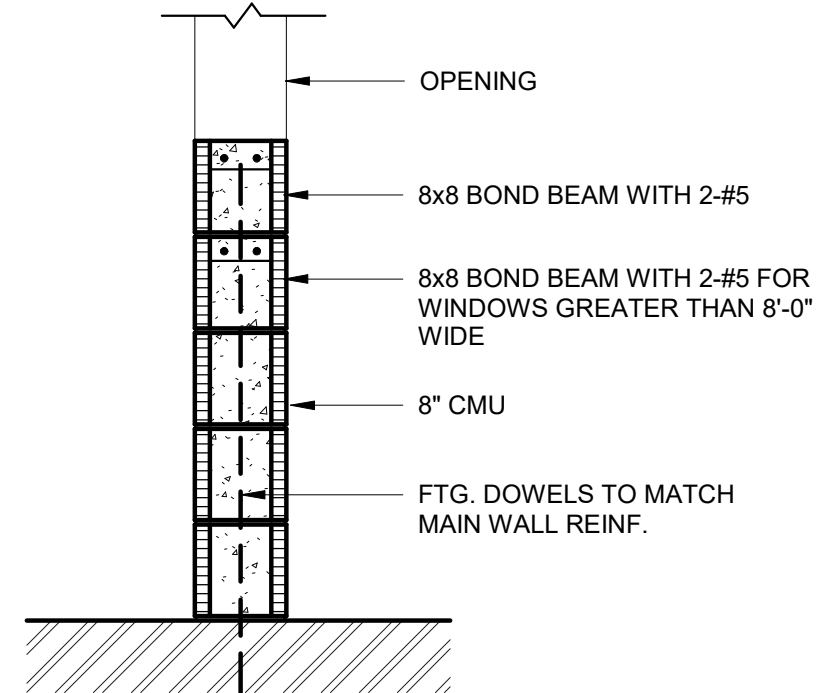
5 SECTION
SCALE: 3/4" = 1'-0"



1 MASONRY WALL CONTROL JOINT
SCALE: 3/4" = 1'-0"



7 BOND BEAM REINFORCING
SCALE: 3/4" = 1'-0"



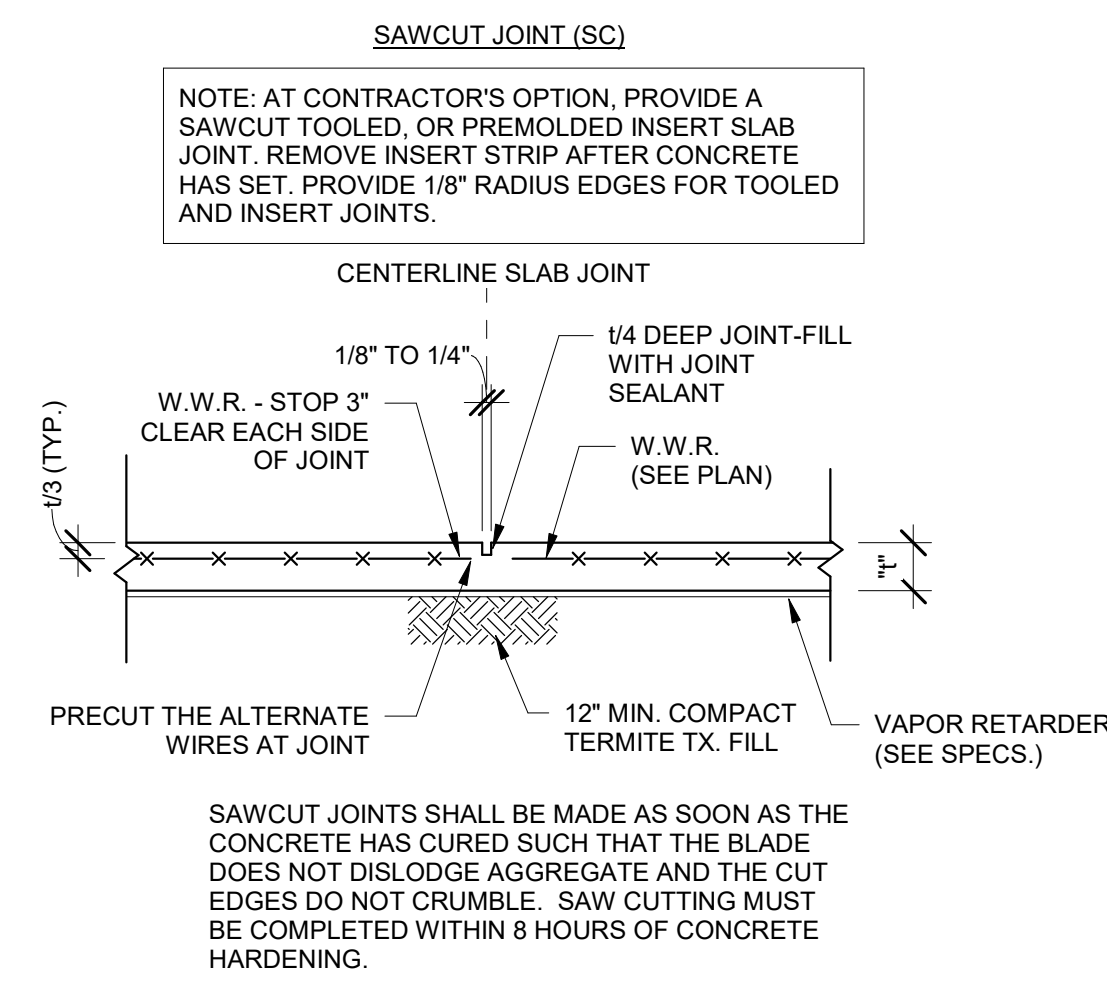
6 SILL REINFORCEMENT
SCALE: 3/4" = 1'-0"

BAR SIZE	STANDARD LAP LENGTH		STANDARD HOOKS	
	MASONRY	DIAMETER D	DIAMETER D	LENGTH A
#2	12"	1 1/2"	1 1/2"	2"
#3	18"	2 1/4"	2 1/4"	6"
#4	24"	3"	3"	8"
#5	30"	3 3/4"	3 3/4"	10"
#6	38"	4 1/2"	4 1/2"	12"
#7	52"	5 1/4"	5 1/4"	14"
#8	79"	6"	6"	16"

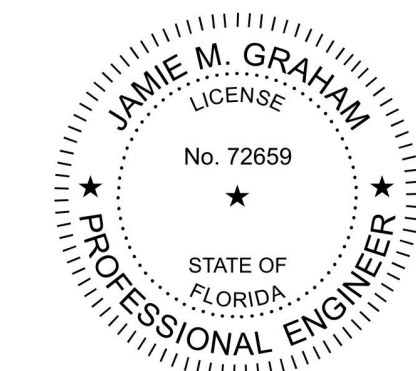
LAP AND BEND SCHEDULE

BAR	CONCRETE BAR TENSION LAP SPLICE (CLASS B) SCHEDULE					
	f _c = 3,000 PSI		f _c = 4,000 PSI		f _c = 5,000 PSI	
	TOP BARS	OTHERS	TOP BARS	OTHERS	TOP BARS	OTHERS
#3	28"	22"	25"	19"	22"	17"
#4	38"	29"	33"	25"	29"	23"
#5	47"	36"	41"	31"	36"	28"
#6	56"	43"	49"	37"	44"	34"
#7	81"	63"	71"	54"	63"	49"
#8	93"	72"	81"	62"	72"	56"
#9	105"	81"	91"	70"	81"	63"
#10	116"	89"	101"	78"	90"	69"

BAR SPLICE SCHEDULE



9 SAWCUT JOINT (SC)
SCALE: 3/4" = 1'-0"



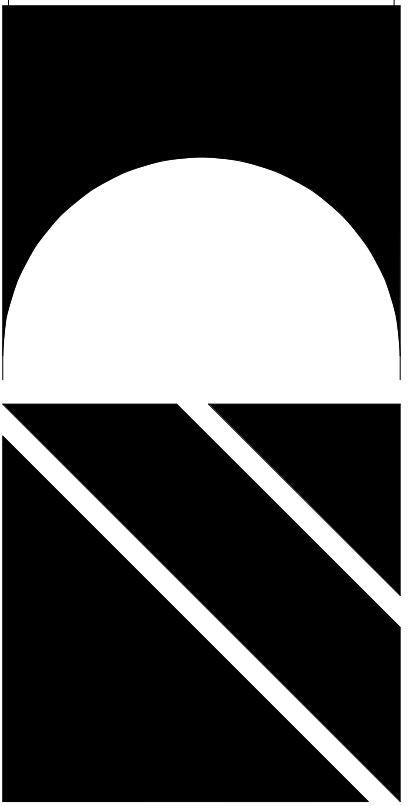
This item has been digitally signed and sealed by Jamie M. Graham, PE, on 10/09/2024



JAMIE M. GRAHAM, P.E.
FLORIDA REG. NO. 72659

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. THE USER OF THIS DRAWING IS TO BE IDENTIFIED IN ALL OTHER USES OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS. SUBJECT TO LOCAL ACTION.

DONOFRO ARCHITECTS
P.O. BOX 861
MARIANNA, FL 32447
OFFICE: (850) 482-5251



SHEET MASONRY AND CONCRETE DETAILS
RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: **RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.**
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: OCTOBER 11, 2024
DRAWN BY: JMG
CHECKED BY: KMH

SHEET No.
S500

LEGEND

AHU-1	EQUIPMENT TAG	SR-1	AIR DEVICE TAG. TOP LINE INDICATES TYPE OF DEVICE BOTTOM LINE INDICATES AIRFLOW IN CFM
	DETAIL TAG (*1" INDICATES IDENTIFICATION NUMBER; *M3" INDICATES THE SHEET NUMBER DRAWN ON)		AIR DEVICE TAG. TOP LINE INDICATES TYPE OF DEVICE BOTTOM LINE INDICATES AIRFLOW IN CFM (2) INDICATES TYPICAL OF TWO DEVICES
	SHEET NOTE	TYP	TYPICAL
	SUPPLY DUCT SECTION POSITIVE PRESSURE	TEMP	TEMPERATURE
	RETURN OR EXHAUST DUCT NEGATIVE PRESSURE	SA	SUPPLY AIR
	RECTANGULAR DUCT SIZE (*A" INDICATES SIDE SHOWN; *B" INDICATES SIDE NOT SHOWN)	RA	RETURN AIR
	INDICATES RISE IN ELEVATION OF DUCT.	EA	EXHAUST AIR
	EXTERNALLY INSULATED DUCTWORK	MA	MIXED AIR
	INTERNALLY INSULATED DOUBLE WALL SPIRAL DUCTWORK	OA	OUTDOOR AIR
	EXTERNALLY INSULATED ROUND FLEXIBLE DUCTWORK	TA	TRANSFER AIR
	DUCT ELBOW WITH TURNING VANES	EF	EXHAUST FAN
	RADIUS DUCT ELBOW	CD	CEILING DIFFUSER
	FLEXIBLE DUCT CONNECTION	RG	RETURN GRILLE
	MANUAL VOLUME BALANCING DAMPER	EG	EXHAUST GRILLE
	MOTORIZED DAMPER	ER	EXHAUST REGISTER
	FIRE DAMPER WITH ACCESS DOORS	CREF	CEILING ROOF EXHAUST FAN
	BACKDRAFT DAMPER	AHU	INDOOR AIR HANDLING UNIT
	TEE WITH TURNING VANES	CU	OUTDOOR CONDENSING UNIT
	TRANSITION		TEMPERATURE AND HUMIDITY SENSOR WITH SET POINT ADJUSTMENT. *1" INDICATES UNIT CONTROLLED
	FLEX DUCT TAKE OFF WITH MVD SIZE EQUALS DIFFUSER NECK SIZE UNLESS NOTED OTHERWISE		DUCT MOUNTED SMOKE DETECTOR
	BRANCH DUCT TAKEOFF WITH MVD	FD	FLOOR DRAIN
		UC	UNDERCUT DOOR 3/4"
		DC	18"x18" DOOR GRILLE WITH AUXILIARY MOUNTING FRAME. TITUS MODEL CT-700L
		AF	ABOVE FINISHED FLOOR
		FD	FIRE DAMPER AT CEILING DIFFUSER OR GRILLE.
		XFR	TRANSFER AIR
		DDC	DIRECT DIGITAL CONTROLS
		IRH	INFRARED RADIANT HEATER
		TC	TIME CLOCK
		SWG	SIDE WALL GRILLE WITH OPPOSED BLADE BALANCING DAMPER
		S	EQUIPMENT SWITCH
		CF	CEILING FAN

SEQUENCE OF OPERATION

AHU/HP
 GENERAL: PROVIDE PROGRAMMABLE THERMOSTAT FOR EACH UNIT. THERMOSTAT SHALL BE CAPABLE OF PERFORMING THE SEQUENCE OUTLINED BELOW. THERMOSTAT SHALL ACCEPT AN EXTERNAL OCCUPIED SCHEDULE FROM THE ELECTRONIC MECHANICAL EQUIPMENT TIME CLOCK.

OCCUPIED MODE: THE INDOOR FAN SHALL RUN CONTINUOUSLY. THE HP SHALL CYCLE TO MAINTAIN SPACE TEMPERATURE. THE ELECTRIC HEAT SHALL OPERATE A 2ND STAGE OF HEAT ONLY WHEN OUTDOOR TEMPERATURE IS BELOW 40°F. THE SETPOINT FOR COOLING SHALL BE 75° F ADJUSTABLE. THE SETPOINT FOR HEATING SHALL BE 70° F ADJUSTABLE.

UNOCCUPIED MODE: THE INDOOR FAN AND HP SHALL CYCLE TO MAINTAIN SETPOINT TEMPERATURE. THE SETPOINT FOR COOLING SHALL BE 85° F ADJUSTABLE. THE SETPOINT FOR HEATING SHALL BE 60° F ADJUSTABLE.

VERRIDE MODE: THE OVERRIDE MODE SHALL PLACE THE SYSTEM IN OCCUPIED MODE FOR 1 HOUR.

VENTILATION SCHEDULE

SPACE TYPE	VENTILATION CFM/S.F.	VENTILATION CFM/PERSON
CORRIDOR	0.06	0
MEETING ROOM	0.06	5
OFFICE	0.06	5
LOBBY	0.06	5
RESTROOM	0	50/FIXTURE
STORAGE	0.12	0
KITCHEN	0.12	7.5

NOTE:
 VENTILATION RATES HAVE BEEN REDUCED IN ACCORDANCE WITH ASHRAE STANDARD 62.1-2019, INDOOR AIR QUALITY PROCEDURE.

LOUVER SCHEDULE

MARK	AIRFLOW CFM (MAX)	LOUVER SIZE (WxH) INCHES	FREE AREA FT² (MIN)	PRESSURE DROP IN. WG (MAX)
LVR-1 CFM	225	18X12	0.56	0.10
LVR-2 CFM	1640	72X16	3.00	0.10
LVR-3 CFM	125	12X12	0.20	0.10

- PROVIDE GREENHECK MODEL 'EHV-901D' (OR EQUAL) EXTRUDED ALUMINUM, WIND-DRIVEN RAIN RESISTANT, STATIONARY LOUVER WITH BIRDSGREEN AND FLORIDA PRODUCT APPROVAL.
- FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS.
- PROVIDE LOUVERS WITH FLANGED FRAME. VERIFY FRAME TYPE WITH ARCHITECT.

GENERAL NOTES

- ALL DUCT DIMENSIONS ARE NET INSIDE.
- VERIFY COLLAR SIZES ON ALL AIR TERMINALS, EQUIPMENT OUTLETS AND INLETS, TRANSITION DUCTWORK AS NECESSARY. EXTERNALLY INSULATE TRANSITIONS AT EQUIPMENT CONNECTIONS.
- FIELD VERIFY CLEAR SPACE AVAILABLE, ROUTING PATH, AND CONFLICTS WITH STRUCTURE AND THE WORK OF OTHER TRADES PRIOR TO FABRICATING DUCTWORK. PROVIDE OFFSETS IN DUCTWORK AS REQUIRED, WHETHER SPECIFICALLY INDICATED ON DRAWINGS OR NOT. SUBMIT SHOP DRAWINGS ON DUCTWORK LAYOUT PRIOR TO COMMENCING WORK. MAINTAIN CLEARANCE AROUND ALL LIGHT FIXTURES AS REQUIRED TO REMOVE AND SERVICE FIXTURES. COORDINATE WITH ROOF TRUSSES/STRUCTURE. PRESSURE TEST ALL DUCTWORK FOR LEAKS. SEE SPECIFICATIONS.
- CONTRACTOR SHALL INSTALL ALL EQUIPMENT, PIPING, AND DUCTWORK SUCH THAT MANUFACTURERS' RECOMMENDED CLEARANCES ARE MET FOR ALL ACCESS PANELS, MOTORS, FANS, BELTS, FILTERS AND AIR INTAKES. CONDENSATE LINES SHALL BE CLEAR OF FILTER RACK ACCESS.
- PROVIDE DUCT FLEX CONNECTIONS & VIBRATION ISOLATION FOR ALL UNITS NOT INTERNALLY ISOLATED.
- ALL SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR INTAKE DUCTWORK SHALL BE GALVANIZED SHEET METAL.
- ALL AHU FILTERS SHALL BE OF A READILY AVAILABLE SIZE, OF DISPOSABLE TYPE, AND BE ACCESSIBLE WITHOUT THE USE OF SCREWS OR OTHER MECHANICAL DEVICES REQUIRING TOOLS.
- PROVIDE ACCESS PANELS IN CEILINGS AS REQUIRED FOR MAINTENANCE AND ADJUSTMENT OF EQUIPMENT LOCATED ABOVE CEILING.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATION OF ALL EQUIPMENT AND UTILITIES.
- ROUTE REFRIGERANT LINES AND CONDENSATE ALONG WALLS OF MECHANICAL ROOMS. LINES SHALL NOT CROSS WALKING PATH TO INDOOR EQUIPMENT.
- ALL LOW VOLTAGE CONTROLS SHALL BE ROUTED IN CONDUIT.
- ALL WORK SHALL COMPLY WITH 8TH EDITION (2023) FLORIDA BUILDING CODE.

DUCTWORK NOTES

- ALL ROUND FLEXIBLE DUCT SHALL BE FLEXMASTER TYPE 8M ACOUSTICAL FLEX OR ENGINEER APPROVED EQUAL. MAXIMUM LENGTH OF ANY FLEXIBLE DUCT RUNOUT SHALL BE 5'-0", WHERE LENGTH REQUIRED EXCEEDS 5'-0", INSTALL EXTERNALLY INSULATED ROUND SNAPLOCK DUCT FOR BALANCE OF DISTANCE TO SPIN-IN TAP AT MAIN DUCT TRUNK.
- SEAL ALL DUCT PENETRATIONS OF WALLS AIRTIGHT, REGARDLESS OF WHETHER WALLS ARE FIRE RATED OR NOT.
- ALL SUPPLY AIR DUCTWORK FROM AHU'S (EXCEPT TAKEOFFS TO SUPPLY AIR DIFFUSERS) SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A, EXTERNALLY INSULATED UNLESS OTHERWISE INDICATED. DUCT SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
- ALL RETURN AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A, EXTERNALLY INSULATED UNLESS OTHERWISE INDICATED. DUCT SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
- ALL OUTSIDE AIR INTAKE DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 2" W.G., SEAL CLASS A, EXTERNALLY INSULATED. DUCT SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
- STANDARD EXHAUST AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1/2" W.G., SEAL CLASS A.
- WHEN ROUTING DUCTWORK OVER LIGHTS, PROVIDE A MINIMUM 6" CLEARANCE BETWEEN DUCT AND LIGHTS.

MINI SPLIT SYSTEM HEAT PUMP SCHEDULE

UNIT	BASIS OF DESIGN	MODEL	NOMINAL COOL CAPACITY (BTUH)	DESIGN COOLING OUTDOOR TEMP DB	SEER	NOMINAL HEAT CAPACITY (BTUH)	DESIGN HEATING OUTDOOR TEMP DB	HSPF	VOLTS/PHASE	MCA (AMPS)	MOP (AMPS)	NOTES
MHP-1	MITSUBISHI	PUZ-A18NHA4	18000	95	15.3	19000	25	9.5	230/1	13	20	1,2,3

- NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), OUTDOOR OF 95°F (DB)
- NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB), OUTDOOR OF 43°F(WB)
- EFFICIENCY VALUES FOR EER, IEER, AND COP ARE BASED ON AHRI 1230 TEST METHOD FOR MIXTURE OF DUCTED AND NON-DUCTED INDOOR UNITS.

MINI SPLIT SYSTEM AIR HANDLING UNIT SCHEDULE

UNIT	BASIS OF DESIGN	MODEL	TYPE	NOMINAL COOL CAPACITY (BTUH)	DESIGN COOLING EAT °F DB/WB	DESIGN COOLING CAPACITY (BTUH)		NOMINAL HEAT CAPACITY (BTUH)	DESIGN HEATING TOTAL CAPACITY (BTUH)	DESIGN HEATING EAT °F DB	AIRFLOW (CFM)	VOLTS/PHASE	FAN (WATTS)	FAN FLA (AMPS)	NOTES
						COOLING TOTAL	COOLING SENSIBLE								
WM-1.1	MITSUBISHI	PKA-A18HA4	WALL-MOUNTED	18000	80/67	18000	12200	19000	19000	70	300	FED FROM HP	30	0.19	1,2,3,4,5,6,7,8

- NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67°F (DB/WB), OUTDOOR OF 95°F (DB)
- NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB), OUTDOOR OF 43°F(WB)
- DESIGN COOLING CONDITIONS ARE AT 95°F AMBIENT; DESIGN HEATING CONDITIONS ARE AT 26°F AMBIENT
- DESIGN CAPACITY IS NET CAPACITY FOR INSTALLATION ACCOUNTING FOR 65 FT PIPE RUN LENGTHS, ETC.
- CALCULATE REFRIGERANT LINE SIZES BASED UPON FINAL FIELD PIPING LAYOUT.
- EXPOSED (INDOOR OR OUTDOOR) REF PIPING SHALL BE HARD DRAWN COPPER.
- PROVIDE HARD WIRED REMOTE THERMOSTAT.
- PROVIDE DISCONNECT.

AIR PURIFICATION EQUIPMENT SCHEDULE

ZONE	AHU	SUPPLY CFM	OA CFM	PRESS. IN. W.C.	BASIS OF DESIGN	MODEL	QUANTITY	ELECTRICAL		NOTES
								VOLTS/PHASE	WATTS	
1	1880	160	<0.01	GPS	DM2	1	24	14	1,2,3,4	
2	1360	135	<0.01	GPS	DM2	1	24	14	1,2,3,4	

- GPS = GLOBAL PLASMA SOLUTIONS.
- PROVIDE BASIS OF DESIGN OR EQUAL LISTED IN SPECIFICATIONS.
- BI-POLAR IONIZATION SYSTEMS REQUIRING PERISHABLE GLASS TUBES ARE NOT ACCEPTABLE.
- MANUFACTURER MUST PASS UL-867-2007 OZONE CHAMBER TESTING BY EITHER UL OR ETL

SPLIT SYSTEM HEAT PUMP SCHEDULE

UNIT	AHU/HP	BASIS OF DESIGN	MODEL (AHU/HP)	SA (CFM)	OA (CFM)	ESP (IN.H2O)	FAN (HP)	COOLING				HEATING				SUPPL. HEAT (KW)	AHU ELECTRICAL			HP ELECTRICAL			NOTES
								MAT° (DB/WB)	OAT° (DB/WB)	TOTAL (BTUH)	SENSIBLE (BTUH)	SEER2	MAT° (DB)	OAT° (DB)	TOTAL (BTUH)		HSPF2	VOLTS/PHASE	MCA	MOP	VOLTS/PHASE	MCA	
1	TRANE	TEM6BOC60H511/4TWR4060N1	1880	160	0.35	3/4	73.8/61.8	95/78	47200	40200	14.6	66.3	25	30100	7.80	3.84	230/1	29	30	230/1	32	50	1,2,3,4,5,6,7,8
2	TRANE	TEM6AOC42H411/4TWR4042N1	1360	135	0.40	1/2	74.4/62.5	95/78	36900	29800	14.3	65.5	25	18600	7.50	3.84	230/1	25	25	230/1	24	40	1,2,3,4,5,6,7,8

- PROVIDE 2 * 30% FILTERS AND FILTER HOUSING SHOWN IN DETAILS.
- EFFICIENCIES IN ACCORDANCE WITH ARI STANDARD 210/240.
- ESP DOES NOT INCLUDE FILTER, CASING, ETC.
- PROVIDE CONTROL KIT TO INCLUDE BLOWER CONTACTOR OR STARTER, TRANSFORMER, ELECTRIC HEATER INTERLOCKS. ELECTRICAL SERVICE SHALL BE A SINGLE POINT OF CONNECTION.
- PROVIDE THERMAL EXPANSION VALVES.
- DIRECT DRIVE AHU FAN.
- COOLING CAPACITY IS NET AND DOES NOT INCLUDE FAN HEAT.
- PROVIDE UNIT MOUNTED CIRCUIT BREAKER FOR INDOOR AIR HANDLERS.

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS.

DONOFRO ARCHITECTS

2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

SHEET HVAC LEGEND, SCHEDULES, AND NOTES

RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE

FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21

DATE: OCT. 11, 2024

DRAWN BY: IVB

CHECKED BY: KAJ

SHEET No.

M-0.1

WATFORD ENGINEERING
 4432 Clinton Street/Marianna, Florida 32446
 311 N. College St. Office 1015 Auburn, AL 36830
 Florida CA Number: 27025
 Keith A. Johnson, PE
 Florida License Number: 86457
 850.526.3444
 Project Number: 2022-005
 Checked By: KAJ
 Drawn By: IVB

AIR DEVICE SCHEDULE

MARK	MAX AIRFLOW CFM	AIR DEVICE SIZE	DUCT CONNECTION SIZE	TITUS MODEL
CD-1 CFM	80	12x12	6Ø	TDC-AA
CD-2 CFM	245	12x12	8Ø	TDC-AA
SWG-1 CFM	250	8x8	8x8	500FL
SWG-2 CFM	265	14x6	14x6	5300FL
RG, EG, SC, TG, RR, ER				
xx-1 CFM	450	12x12	12x12	350FL
xx-2 CFM	1705	22x22	22x22	350FL

NOTES:

1. MAX NC=20
2. PROVIDE 2x2 LAY IN PANEL FOR AIR DEVICES IN LAY IN CEILINGS.
3. PROVIDE BEVELED MOUNTING FRAME FOR CEILING DIFFUSERS IN HARD CEILINGS.
4. PROVIDE FLAT MOUNTING FRAME FOR GRILLES LOCATED IN HARD CEILINGS.
5. PROVIDE ALUMINUM BIRD SCREEN FOR SOFFIT GRILLES.

KITCHEN EXHAUST HOOD SCHEDULE

UNIT	EXHAUST CFM	MAKEUP AIR CFM	LENGTH	WIDTH	HEIGHT	NUMBER OF LED LIGHTS	MANUFACTURER	MODEL	NOTES
KH-1	1575	1260	90*	54*	24*	4	ACCUREX	XBEW-90	1,2,3,4,5,6,7,8,9,10

1. MOUNT AT 80° AFF.
2. PROVIDE CEILING ENCLOSURE AS NEEDED TO COVER SPACE BETWEEN HOOD AND CEILING.
3. PROVIDE STAINLESS STEEL BAFFLE FILTERS
4. PROVIDE TYPE I HOOD WITH EXHAUST PRESSURE DROP OF 0.392" AND SUPPLY PRESSURE DROP OF 0.01".
5. PROVIDE CHEMICAL FIRE SUPPRESSION IN RIGHT MOUNTED CABINET.
6. PROVIDE HOOD LISTED TO UL710.
7. PROVIDE HOOD MOUNTED CONTROL PANEL TO CONTROL KEF-1 AND KSF-1.
8. PROVIDE GAS SHUTOFF VALVE.
9. PROVIDE EXTERNAL SUPPLY PLENUM.
10. PROVIDE UL LISTED LIGHTS.

FAN SCHEDULE

UNIT	TYPE	CFM	MAX FAN RPM	ESP (IN. H2O)	MAX MOTOR POWER	SONES (MAX.)	BASIS OF DESIGN	MODEL	CONTROL	ELECTRICAL VOLTS/PHASE	NOTES
EF-1	INLINE	75	835	0.30	9W	2.0	COOK	GNVF-100	INTERLOCK WITH AHU-1 OA DAMPER	115/1	1,2,3,4,5
EF-2	INLINE	125	965	0.30	18W	2.5	COOK	GNVF-180	INTERLOCK WITH AHU-2 OA DAMPER	115/1	1,2,3,4,5
KEF-1	WALL	1575	1320	0.95	3/4 HP	12.2	ACCUREX	XCUBE-140-7	KITCHEN HOOD SWITCH	115/1	1,2,3,4,6,7,9
KSF-1	INLINE	1260	1350	0.40	1/2 HP	8.6	ACCUREX	XID-120-VC	KITCHEN HOOD SWITCH	115/1	1,2,3,4,5,8

1. PROVIDE DISCONNECT
2. PROVIDE SOLID STATE SPEED CONTROLLER.
3. PROVIDE BACK DRAFT DAMPER
4. PROVIDE THERMAL OVERLOAD
5. PROVIDE DIRECT DRIVE FAN
6. PROVIDE HINGED BASE
7. PROVIDE FAN WITH FLORIDA PRODUCT APPROVAL
8. PROVIDE WITH 1" WASHABLE FILTERS.
9. PROVIDE BELT DRIVE FAN.

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. NO REUSE, REPRODUCTION, OR TRANSMISSION OF ANY KIND IS PERMITTED WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS. SUBJECT TO LEGAL ACTION.

DONOFRO ARCHITECTS

2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261

P.O. BOX 861
MARIANNA, FL 32447
FAX: (850) 482-8609



SHEET TITLE: HVAC SCHEDULES

RESTORATION, PRESERVATION, & ADDITION
TO HISTORIC GRAHAM'S PLACE

FOR:
RENAISSANCE PARK YOUTH CAMP &
FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER:
M-2022-21

DATE:
OCT. 11, 2024

DRAWN BY:
IVB

CHECKED BY:
K.A.J.

SHEET No.

M-0.2



Florida CA Number: 27025
Kath A. Johnson, PE
Florida License Number: 86457
850.526.3447
Project Number: 2022-005
Checked By: K.A.J.
Drawn By: IVB

SHEET NOTES

- ① ALL EXPOSED DUCT SHALL BE DOUBLE-WALL SPIRAL.
- ② DUCTWORK UP FROM FIRST FLOOR. REFER TO 1/M1.1 FOR CONTINUATION.
- ③ UP TO SECOND FLOOR. REFER TO 2/M1.1 FOR CONTINUATION.
- ④ ROUTE THROUGH RESTROOM 108 TO MECH 109 AND CONNECT TO AHU-1.
- ⑤ ROUTE THROUGH RESTROOM 108 TO MECH 109. RISE UP TO MECH 208 AND CONNECT TO AHU-2.
- ⑥ ROUTE TO ELEV. EQUIP. 111 AND CONNECT TO WM-1.1.
- ⑦ PROVIDE CLEANOUT FOR GREASE DUCT.
- ⑧ KITCHEN HOOD EXHAUST DUCT SHALL BE FACTORY FABRICATED GREASE DUCT COMPLYING WITH UL 2221 FOR ZERO CLEARANCE. DUCT SHALL BE DOUBLE WALL WITH 2 LAYERS OF SUPER WOOL 60978 PLUS OR INSULFRAX ELITE BLANKET BETWEEN INNER AND OUTER WALLS. PROVIDE DUCT ACCESS DOORS AND CLEANOUTS PER FBC 506.3.8. DUCT SHALL BE BY CAPTIVE AIRE, ACCUREX, OR JEREMIAS.
- ⑨ CONDENSATE TO DISCHARGE OVER ARCHITECTURAL SPLASH BLOCK.

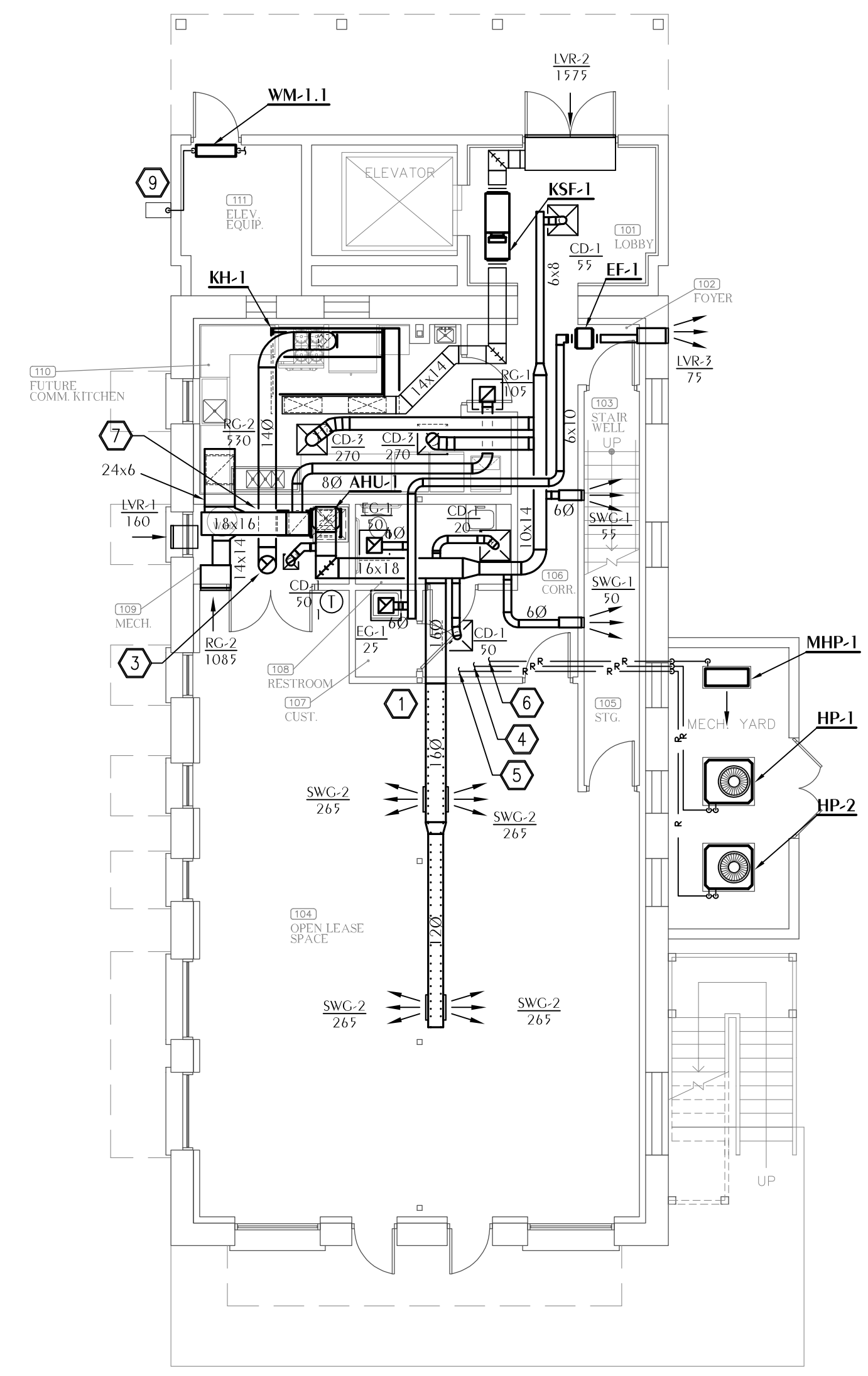
THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR MODIFICATION WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS STRICTLY PROHIBITED AND SUBJECT TO LEGAL ACTION.

DONOFRO ARCHITECTS

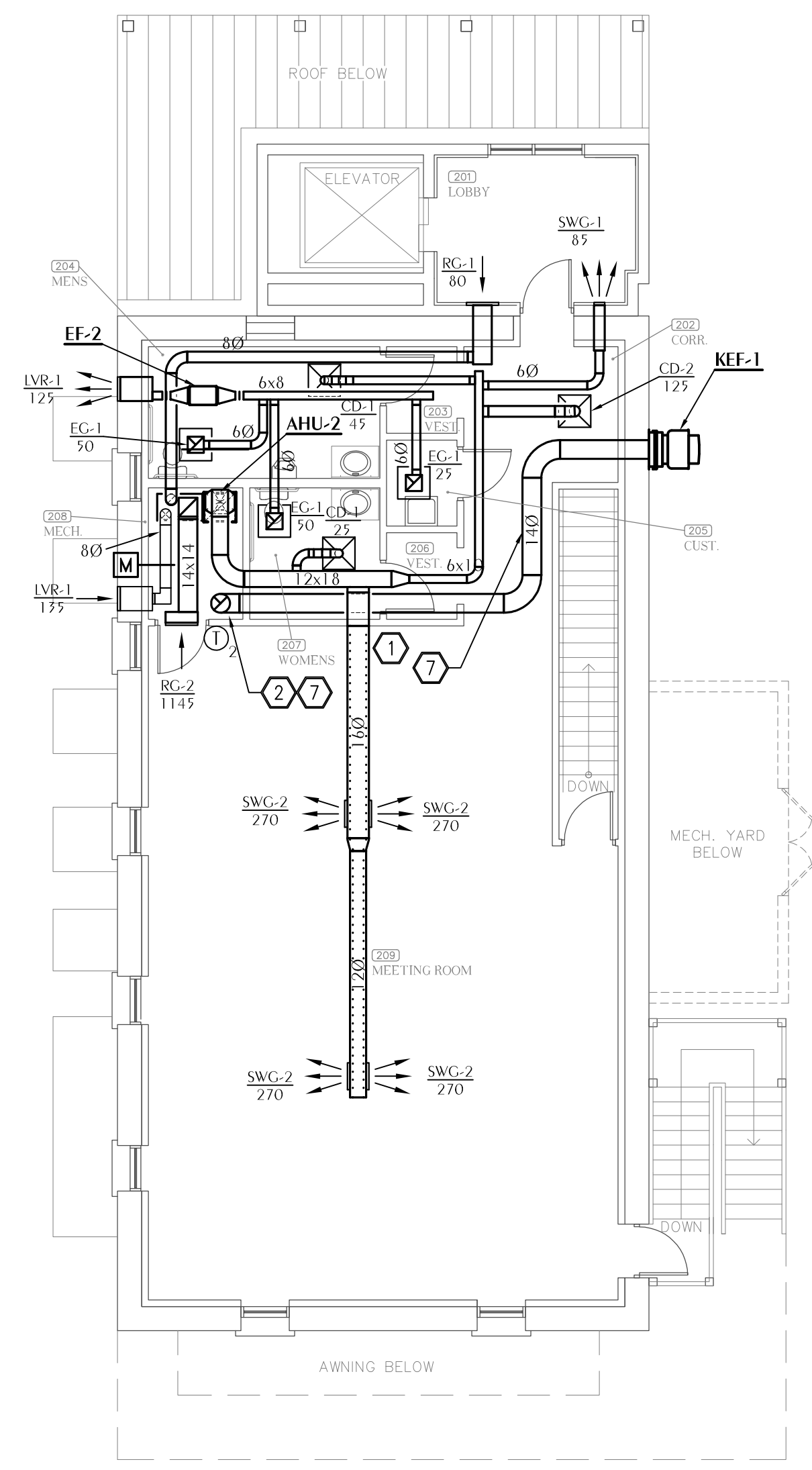
DONOFRO ARCHITECTS

P.O. BOX 861
MARIANNA, FL 32447
OFFICE: (850) 482-5261

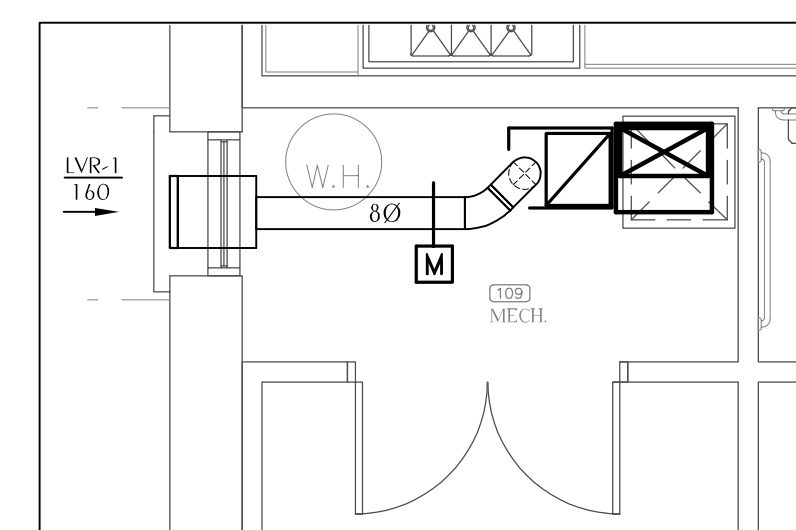
2910 CALEDONIA ST.
MARIANNA, FL 32446
FAX: (850) 482-5261



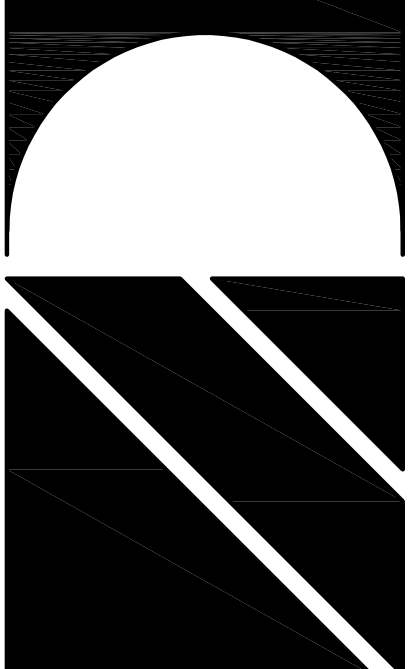
1
M1.1
HVAC FLOOR PLAN - 1ST FLOOR
 SCALE: 1/8" = 1'-0"



2
M1.1
HVAC FLOOR PLAN - 2ND FLOOR
 SCALE: 1/8" = 1'-0"



3
M1.1
HVAC ENLARGED OA PLAN
 SCALE: 1/4" = 1'-0"



SHEET HVAC FLOOR PLANS

TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE

FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC. MARIANNA, FLORIDA

JOB NUMBER: M-2022-21

DATE: OCT. 11, 2024

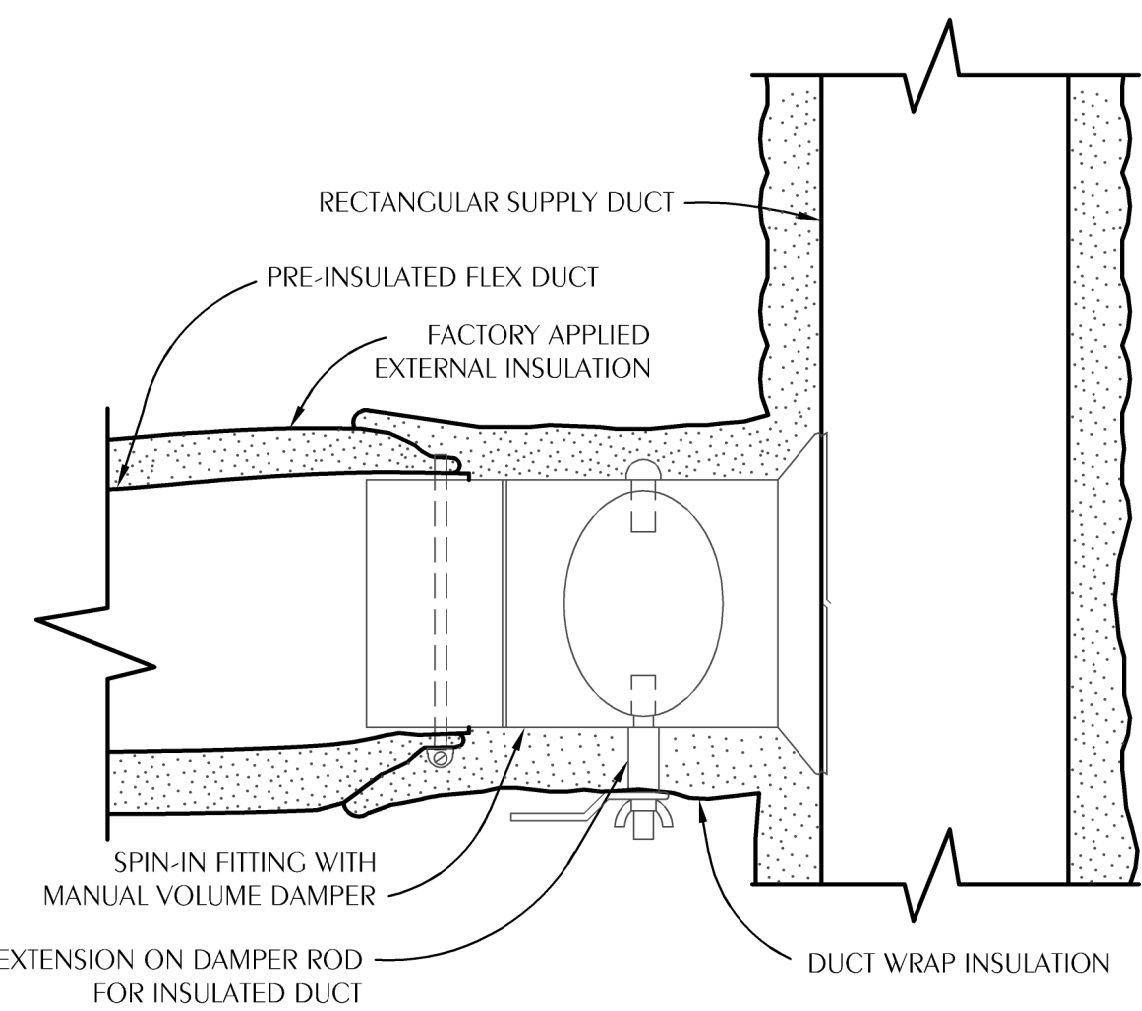
DRAWN BY: IVB

CHECKED BY: KAJ

SHEET No.

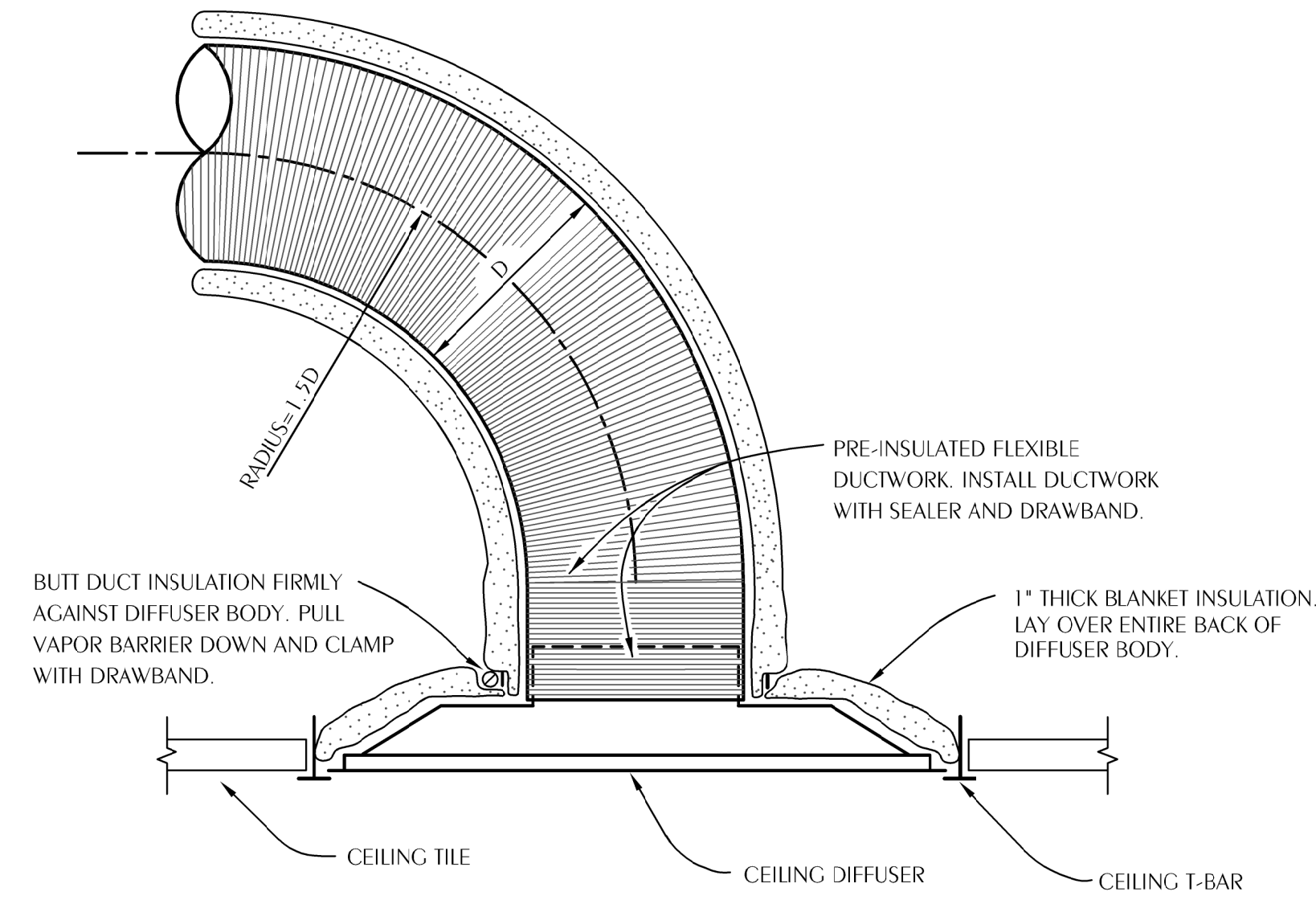
M-1.1

WATFORD ENGINEERING
 Florida CA Number: 27025
 Keith A. Johnson, PE
 Florida License Number: 86457
 850.526.3447
 Project Number: 2022-005
 Checked By: KAJ
 Drawn By: IVB



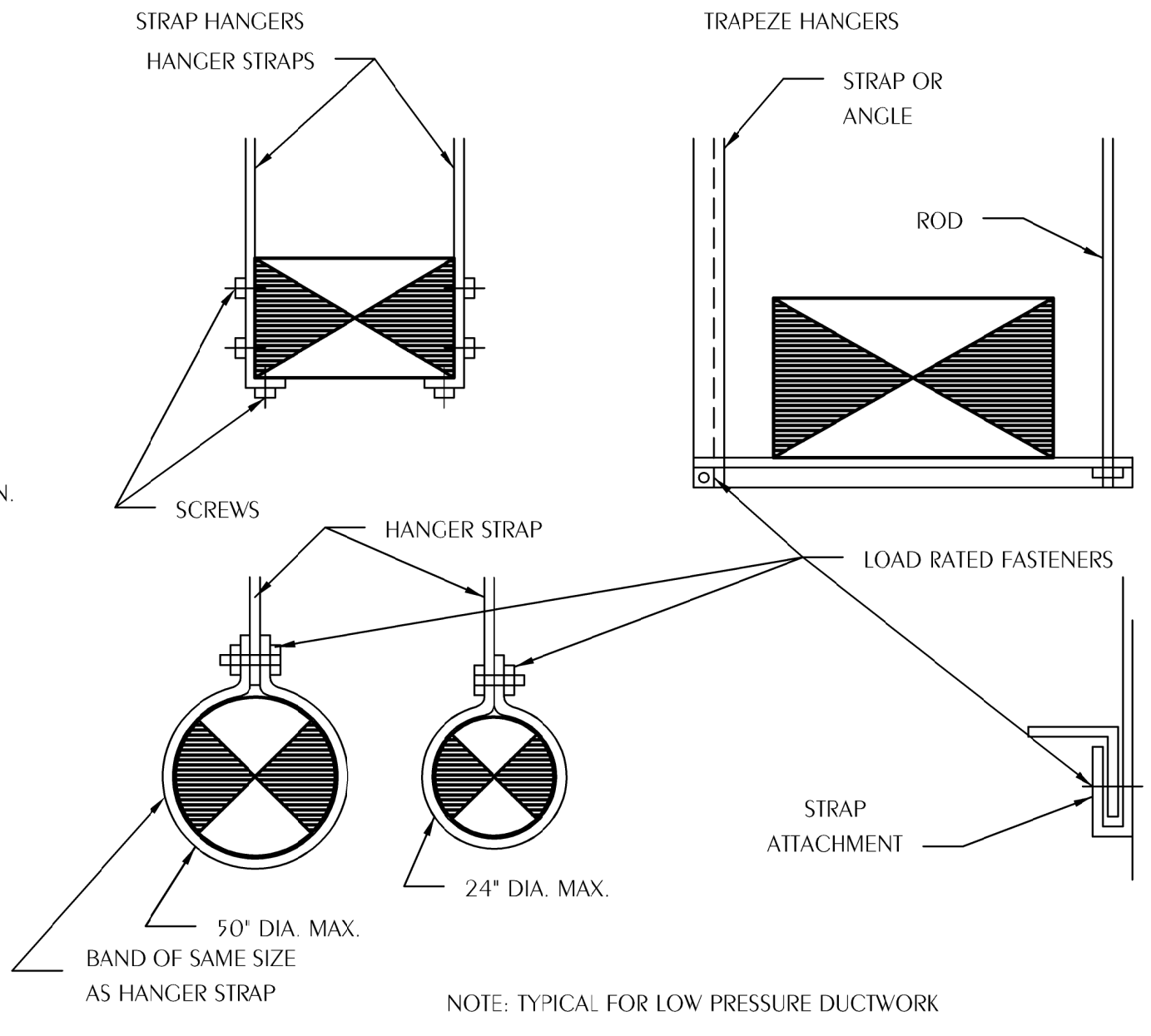
NOTES:
 CONNECT FLEXIBLE DUCT TO FITTING WITH DRAWBAND AND SEALER.
 ROUND HARD DUCT RUNOUTS SHOULD START WITH SPIN-IN FITTINGS SIMILAR TO THIS DETAIL.
 PROVIDE CABLE ACTIVATED DAMPER WITH ADJUSTMENT IN FACE OF CEILING DIFFUSER FOR INACCESSIBLE TAKE OFFS LOCATED ABOVE HARD CEILINGS.

1 TYPICAL FLEX DUCT TAKEOFF DETAIL
 M-2.1 SCALE: NONE

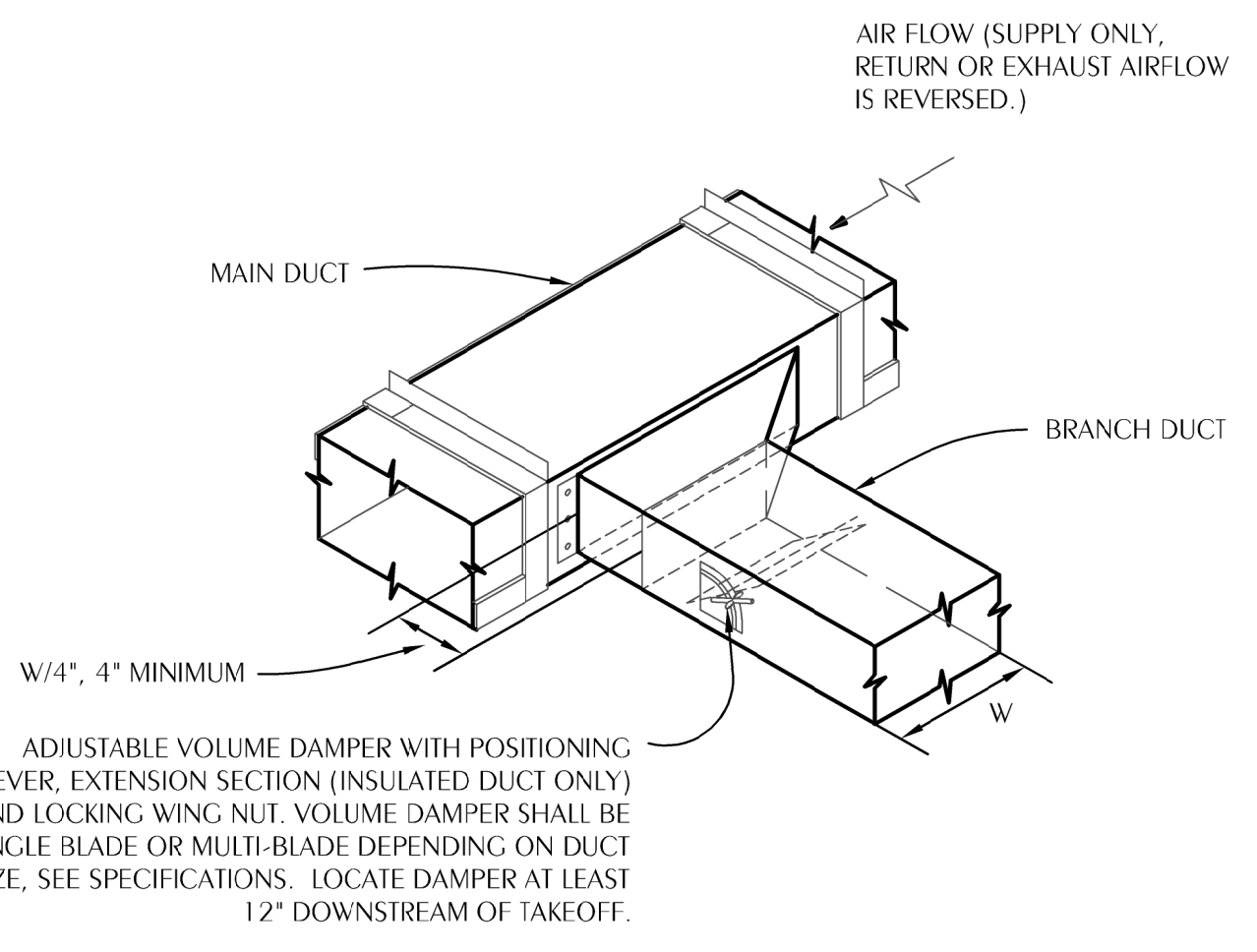


NOTES:
 FLEX DUCT SHALL BE NO LONGER THAN 5'-0\"/>
 PROVIDE 24x24 LAY IN PANEL FOR DIFFUSERS IN LAY IN CEILINGS.
 PROVIDE BEVELED MOUNTING FRAME FOR DIFFUSERS IN HARD CEILINGS.

2 TYPICAL CEILING DIFFUSER DETAIL
 M-2.1 SCALE: NONE

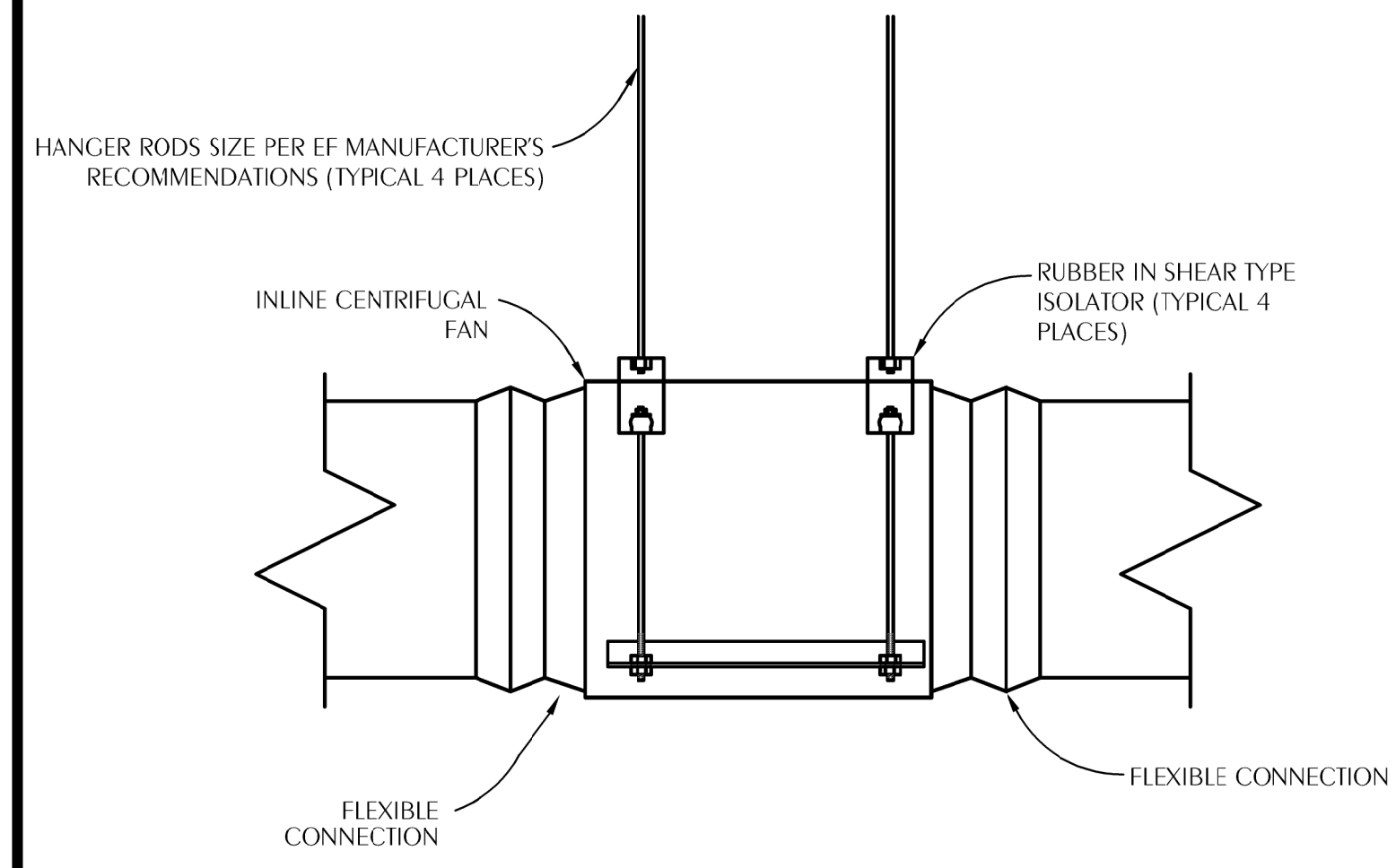


3 DUCT HANGER DETAILS
 M-2.1 SCALE: NONE

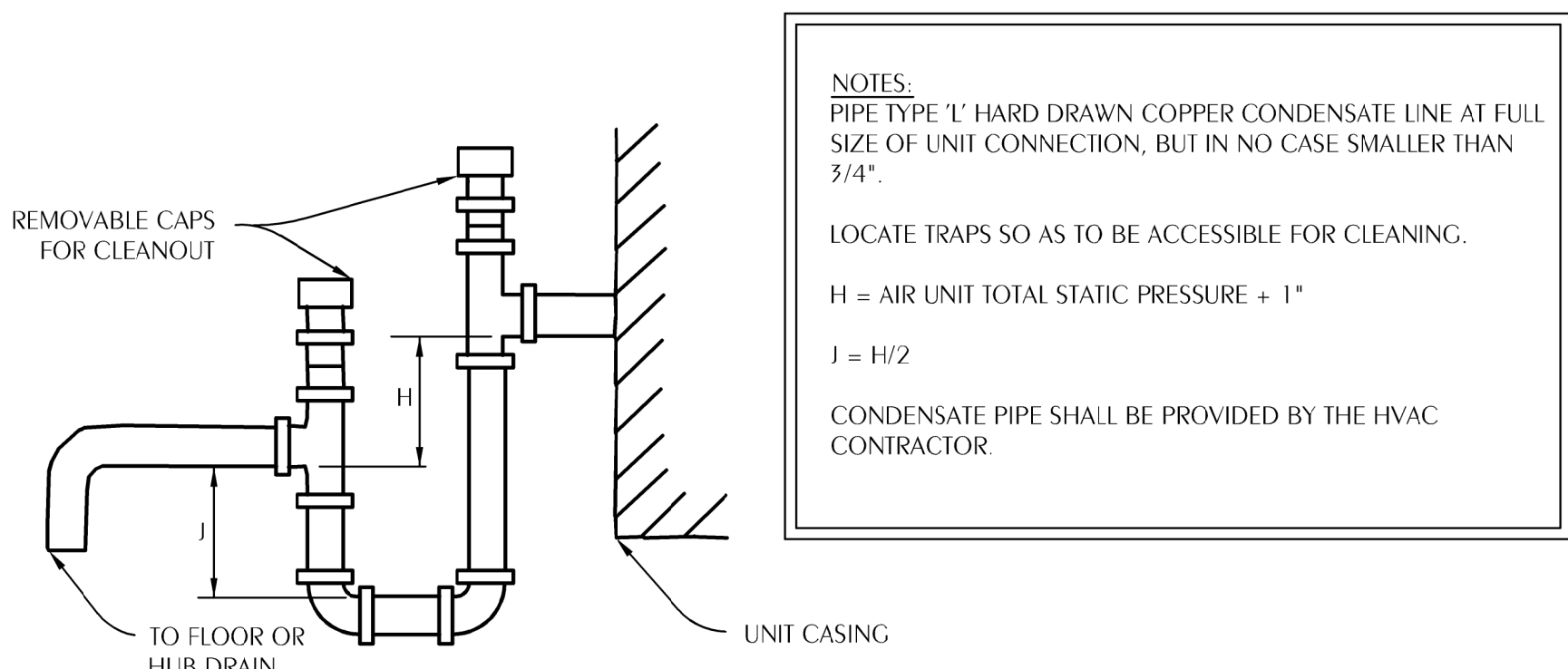


NOTES:
 PROVIDE CABLE ACTIVATED DAMPER WITH ADJUSTMENT IN FACE OF CEILING DIFFUSER FOR INACCESSIBLE TAKEOFFS LOCATED ABOVE HARD CEILINGS.

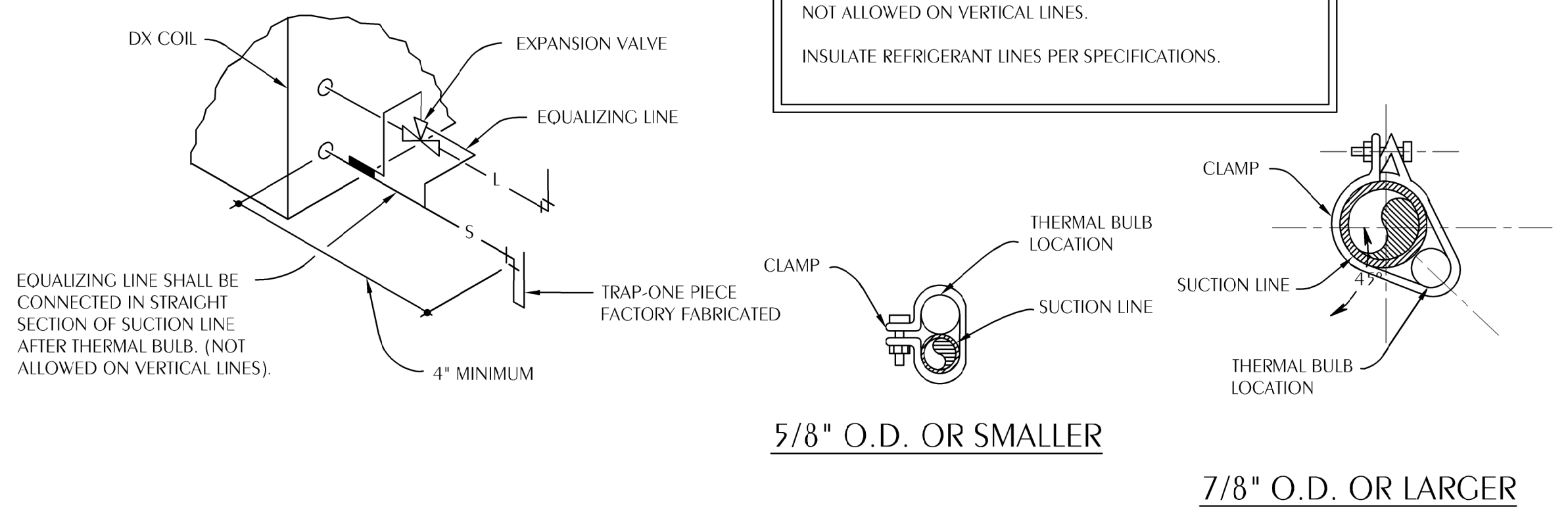
4 TYPICAL BRANCH DUCT TAKEOFF
 M-2.1 SCALE: NONE



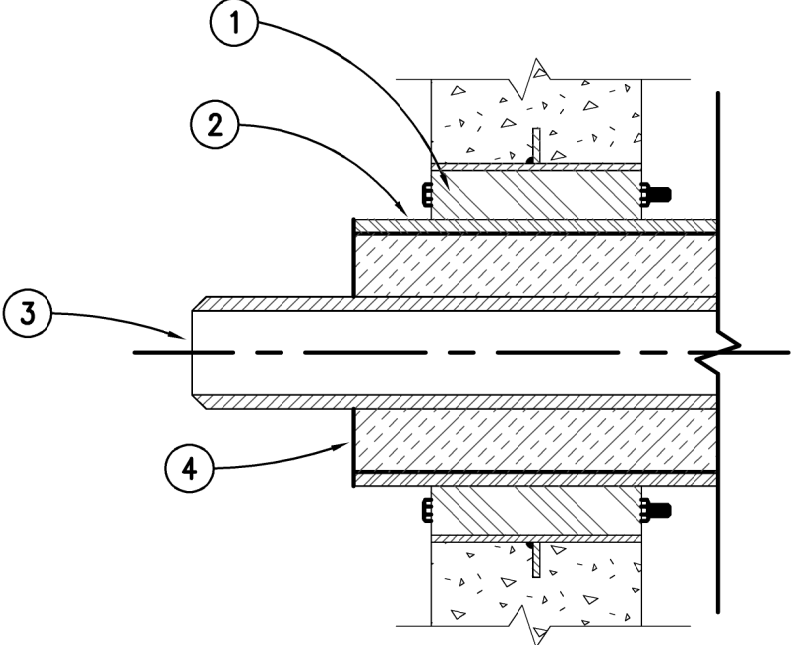
5 INLINE FAN DETAIL
 M-2.1 SCALE: NONE



6 NEGATIVE PRESSURE CONDENSATE DRAIN TRAP
 M-2.1 SCALE: NONE



7 REFRIGERANT COIL CONNECTION DETAIL
 M-2.1 SCALE: NONE



- 1 WALL OR FLOOR SEAL APPURTENANCES PER SPECIFICATIONS
- 2 PIPE SLEEVE PER SPECIFICATIONS
- 3 PIPING
- 4 INSULATION

8 TYPICAL WALL PIPE PENETRATION
 M-2.1 SCALE: NONE

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR DISTRIBUTION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS STRICTLY PROHIBITED. SUBJECT TO U.S. PATENT AND TRADEMARK OFFICE.

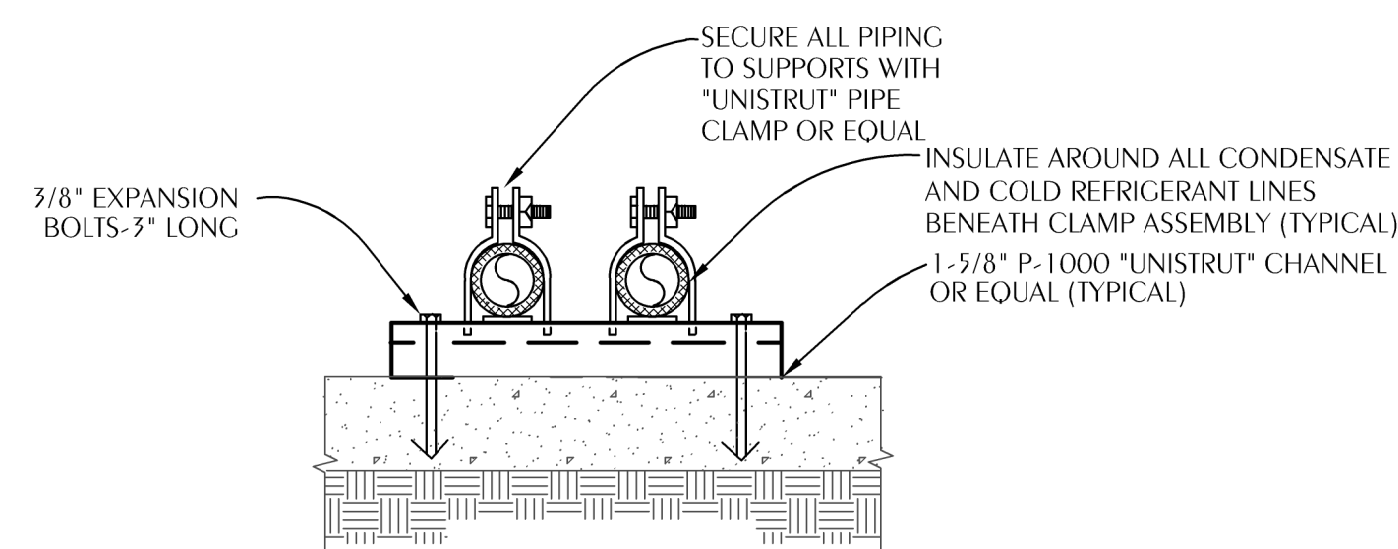
DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

SHEET HVA DETAILS
 TITLE: SCHEDULES, AND NOTES
 FOR: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: OCT. 11, 2024
 DRAWN BY: IVB
 CHECKED BY: KAJ

SHEET No.
M-2.1

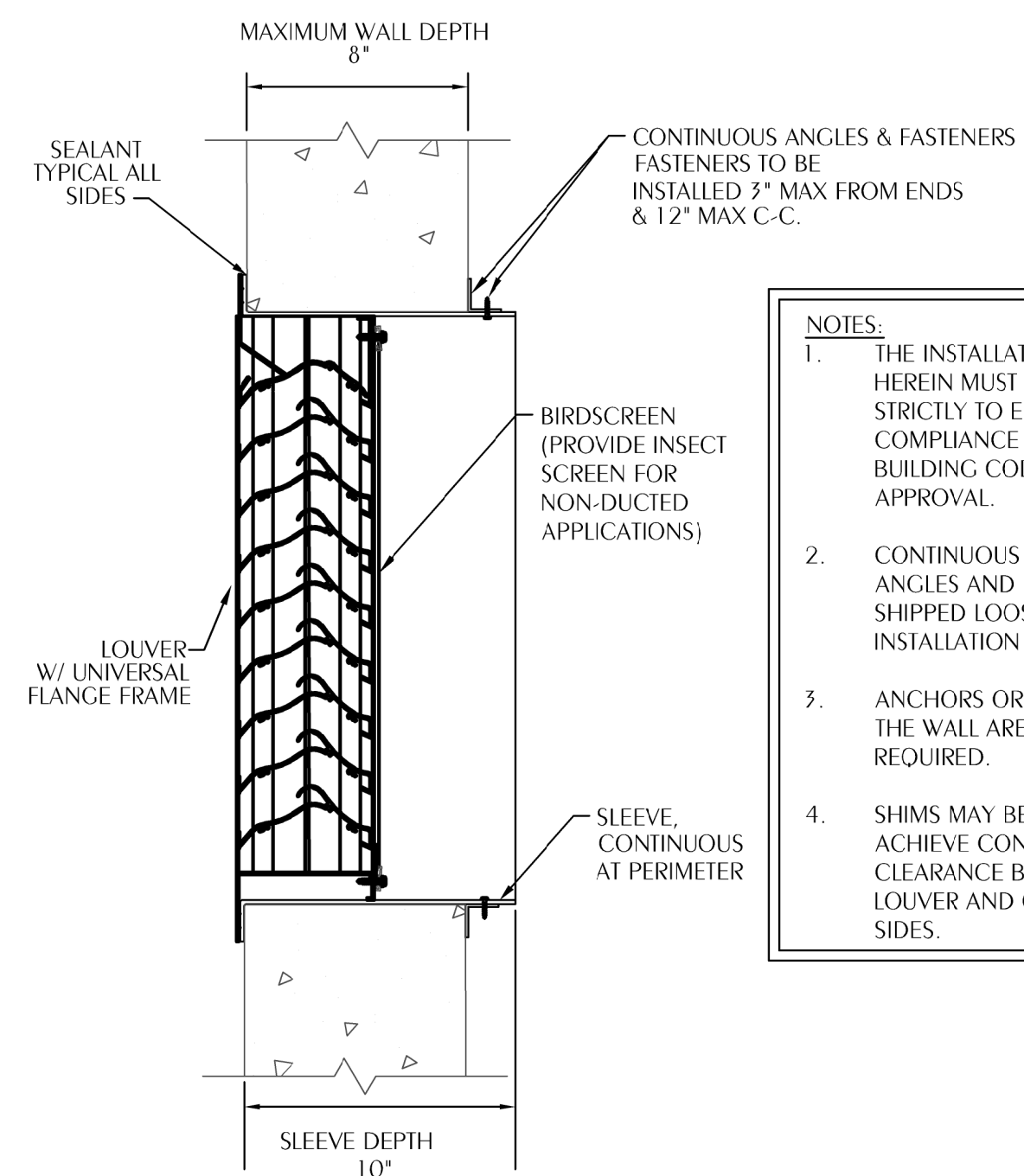
WATFORD ENGINEERING
 4482 Clinton Street/Marianna, Florida 32446
 311 N. College St. Office 1018 Auburn, AL 36830
 Florida CA Number: 27825
 Keith A. Johnson, PE
 Florida License Number: 86457
 850.526.3447
 Project Number: 2022-005
 Checked By: KAJ
 Drawn By: IVB



SURFACE MOUNTED

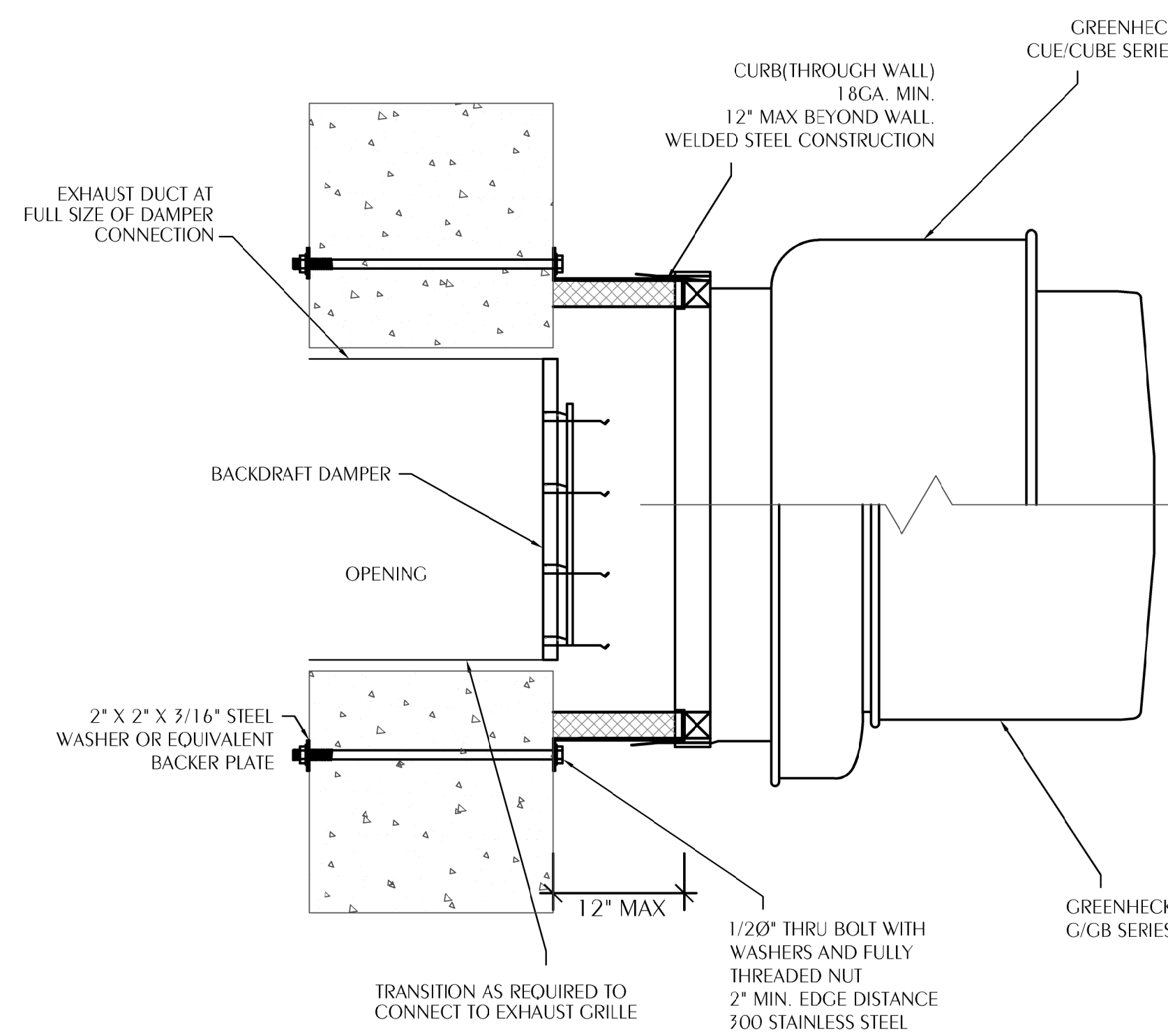
NOTE:
 PROVIDE FACTORY END CAPS FOR CHANNEL.
 PROVIDE ALUMINUM JACKET BETWEEN INSULATION AND PIPE CLAMP AT ALL INDOOR LOCATIONS.
 PROVIDE SMOOTH ALUMINUM JACKET OVER ALL EXPOSED OUTDOOR INSULATION.
 PROVIDE SUPPORT AT INTERVALS REQUIRED BY THE FLORIDA BUILDING CODE AND PROJECT SPECIFICATIONS.

1 TYPICAL EXTERIOR PIPING SUPPORT DETAIL
 M-2.2 SCALE: NONE



NOTES:
 1. THE INSTALLATION SHOWN HEREIN MUST BE FOLLOWED STRICTLY TO ENSURE COMPLIANCE WITH FLORIDA BUILDING CODE PRODUCT APPROVAL.
 2. CONTINUOUS INSTALLATION ANGLES AND FASTENERS ARE SHIPPED LOOSE AND REQUIRE INSTALLATION IN THE FIELD.
 3. ANCHORS OR FASTENERS INTO THE WALL ARE NOT REQUIRED.
 4. SHIMS MAY BE REQUIRED TO ACHIEVE CONSISTENT CLEARANCE BETWEEN LOUVER AND OPENING ON ALL SIDES.

2 WALL LOUVER DETAIL
 M-2.2 SCALE: NONE GREENHECK EHV-901D OR EQUAL
 FLORIDA PRODUCT APPROVAL #19683



FAN-TO-CURB MOUNTING

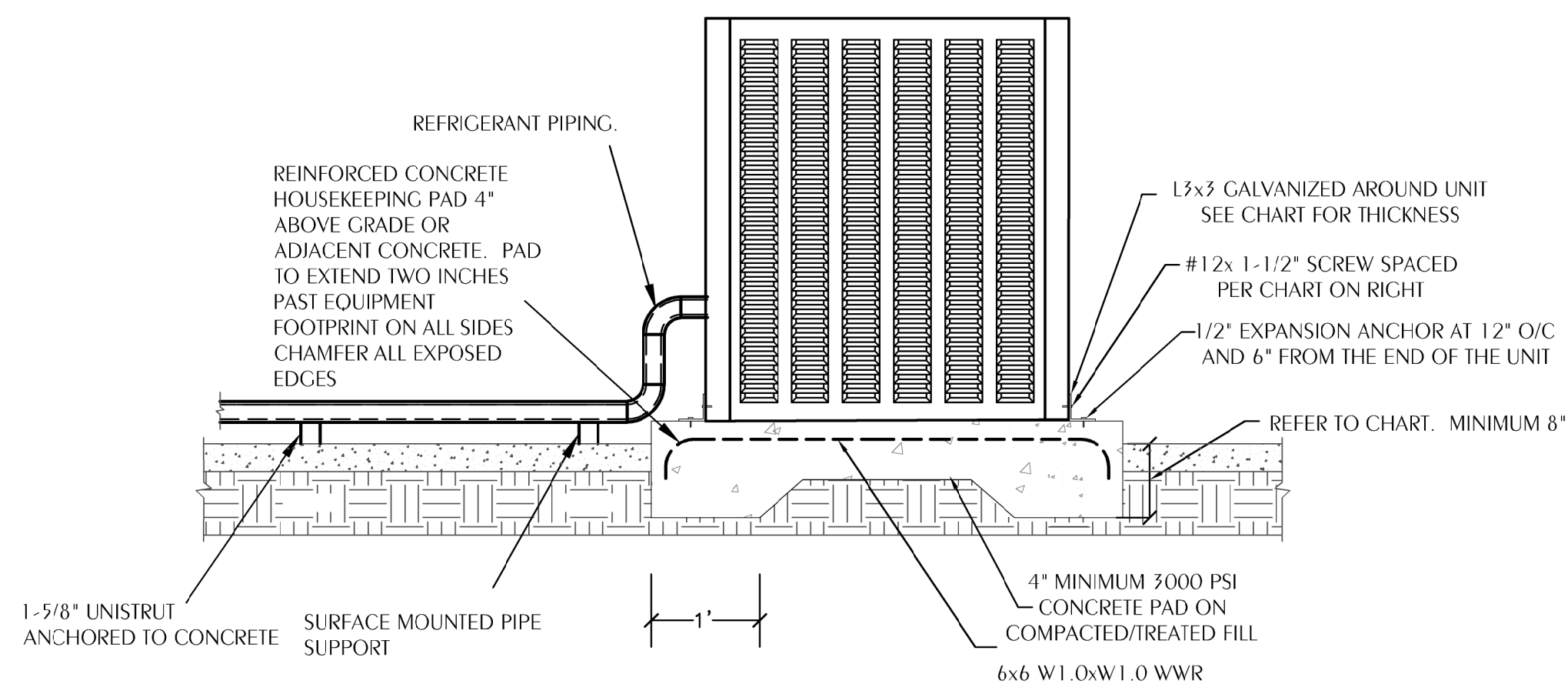
FAN MODEL/SIZE	FASTENERS	
	PER SIDE	TOTAL
CUE-XXX: 060, 065, 070, 075, 080, 085, 090, 095, 098, 099, 101, 121, 131, 141/HP, 161/HP CUBE-XXX: 098, 099, 101/HP, 121, 131, 141/HP, 161/HPXP S-CUBE-XXX: 141/HP, 161/HP G-XXX: 060, 065, 070, 075, 080, 085, 095, 097, 098, 099, 101, 103, 121, 122, 131, 133, 141, 143, 163 GB-XXX: 071, 081, 091, 101/HP, 121, 131, 141/HP, 161/HP	3	12
CUE-XXX: 180/HP, 200/HP, 220/HP, 240/HPXP S-CUBE-XXX: 200, 240 G-XXX: 150, 160, 170, 180, 183, 203 GB-XXX: 180/HP, 200/HP, 220/HP, 240/HP	5	20
CUBE-XXX: 300/HPXP S-CUBE-XXX: 300 GB-XXX: 260, 300/HP	9	36

SQUARE CURB MOUNTING (CONCRETE ANCHORING)

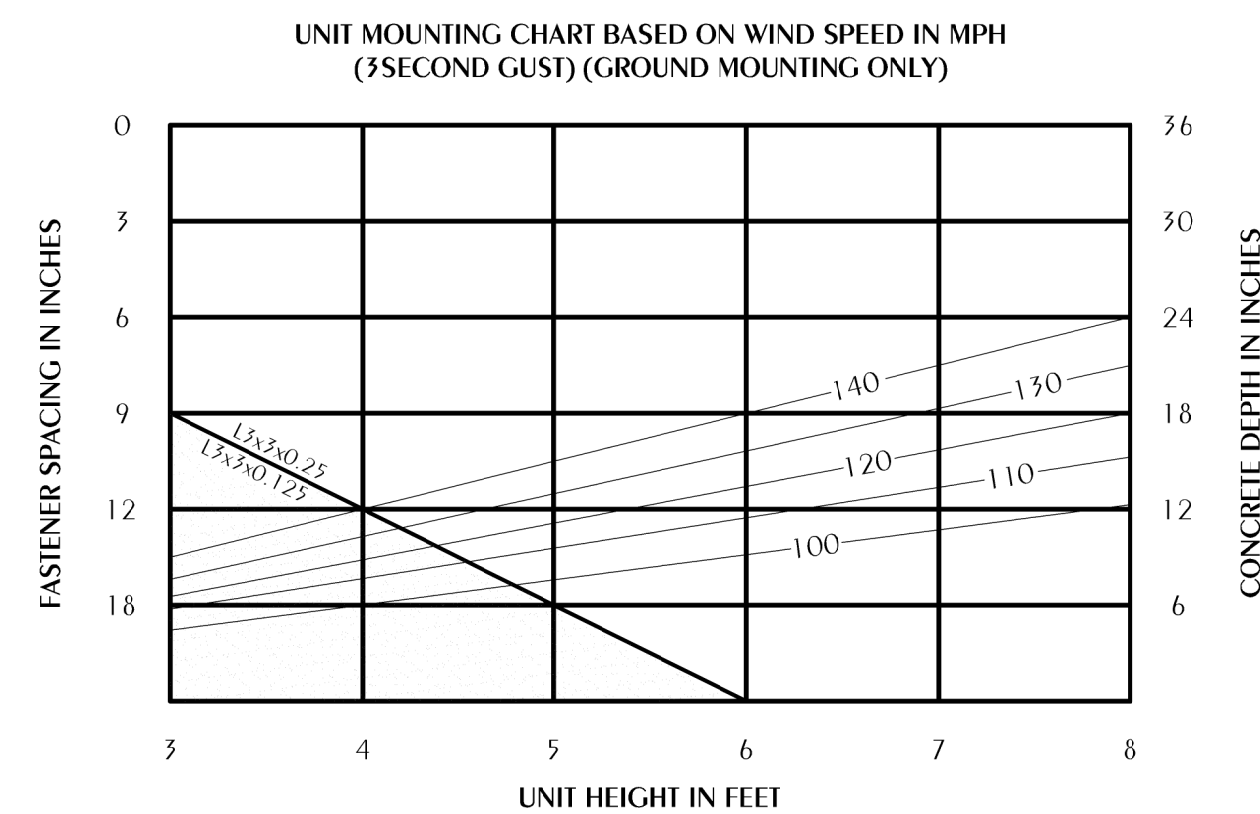
FAN MODEL/SIZE	ANCHORS	
	PER SIDE	TOTAL
CUE/CUBE SERIES ≤ 161 G/CB SERIES ≤ 141	3	8
CUE/CUBE SERIES > 161 G/CB SERIES > 141	4	12

FASTENERS ON EACH SIDE OF THE FAN ARE TO BE INSTALLED WITH ONE FASTENER 4 INCHES FROM EACH EDGE AND ONE FASTENER CENTERED. THE FASTENERS ARE TO BE EQUALLY SPACED. 5/16" SELF-DRILLING SCREWS.
 FASTENERS NEED TO BE LOCATED ON ALL 4 SIDES OF FAN CURB
 NOTE: FAN CURBS MUST BE ANCHORED TO ROOF FRAMING MEMBERS AND NOT TO THE ROOFING SYSTEM

3 WALL-MOUNTED EXHAUST FAN DETAIL
 M-2.2 SCALE: NONE GREENHECK G/CB/CUE/CUBE SERIES UNITS
 CONCRETE ANCHORING MIAMI-DADE NOA NO. 23-1120.06

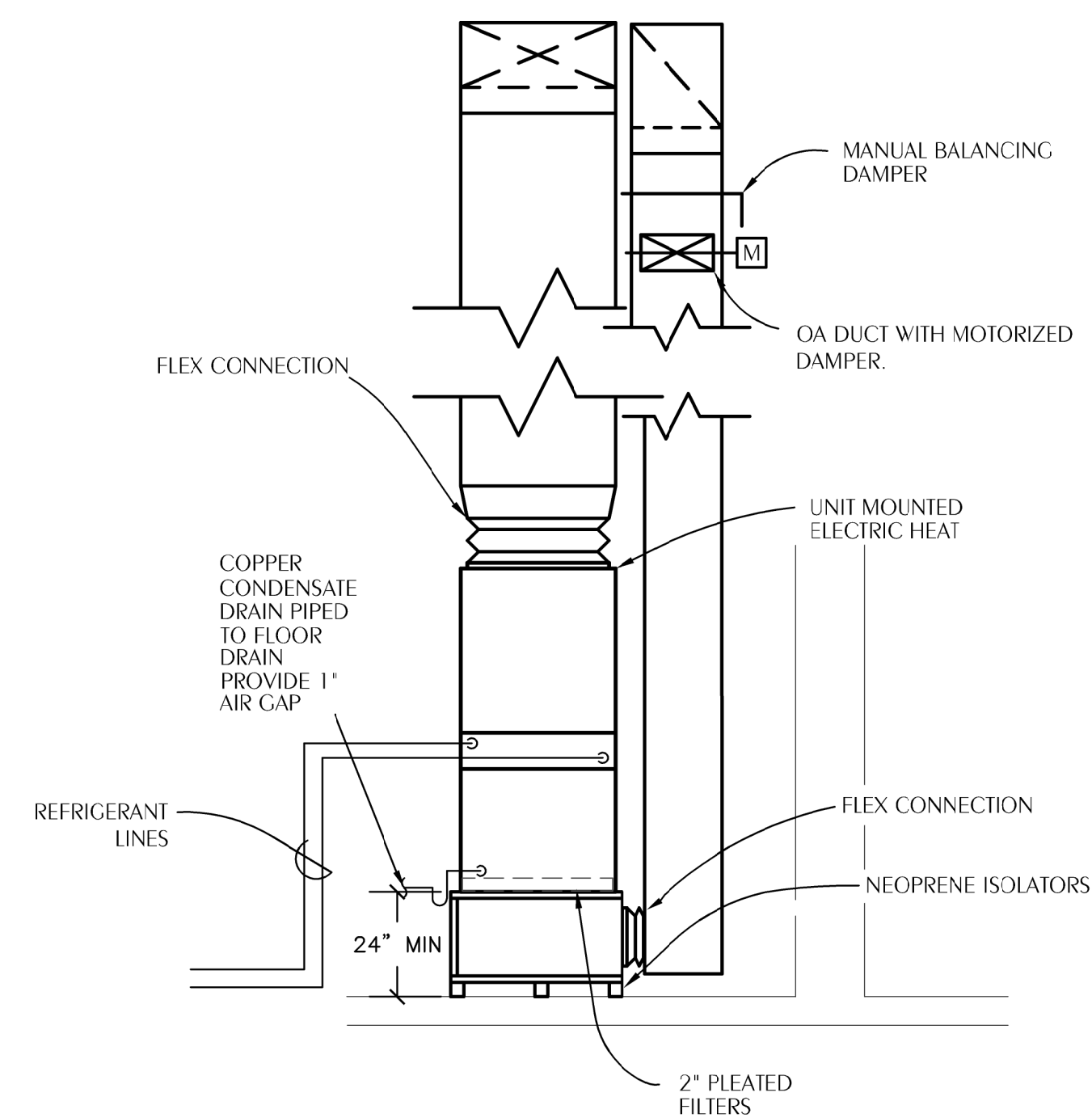


4 TYPICAL OUTDOOR MECHANICAL UNIT MOUNTING DETAIL
 M-2.2 SCALE: NONE



DESIGN CRITERIA:

CODE:	ASCE 7-05
VELOCITY:	SEE BELOW
Kz:	0.70
Kzt:	1.00
Kd:	0.85
IMPORTANCE:	1.15
EXPOSURE:	B
Cf:	1.3
Cf:	0.85
qz:	100 mph: 17.52 psf
	110 mph: 21.20 psf
	120 mph: 25.22 psf
	130 mph: 29.60 psf
	140 mph: 34.33 psf
Pdsicq:	100 mph: 19.36 psf
	110 mph: 23.42 psf
	120 mph: 27.87 psf
	130 mph: 32.71 psf
	140 mph: 37.94 psf



NOTES:
 SECURE REFRIGERANT LINES AND CONDENSATE PIPING WITH UNISTRUT.
 PROVIDE FACTORY FABRICATED RETURN AIR PLENUM OR ENGINEER APPROVED EQUAL WITH 2" FILTER FRAME.
 SIZE COPPER CONDENSATE LINE AT FULL SIZE OF UNIT CONNECTION, BUT IN NO CASE SMALLER THAN 3/4".

5 VERTICAL UPFLOW AHU DETAIL
 M-2.2 SCALE: NONE

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS PROHIBITED. SUBMIT TO US FOR ACTION.

DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32447
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

SHEET HVA DETAILS, SCHEDULES, AND NOTES
RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: OCT. 11, 2024
 DRAWN BY: IVB
 CHECKED BY: KAJ

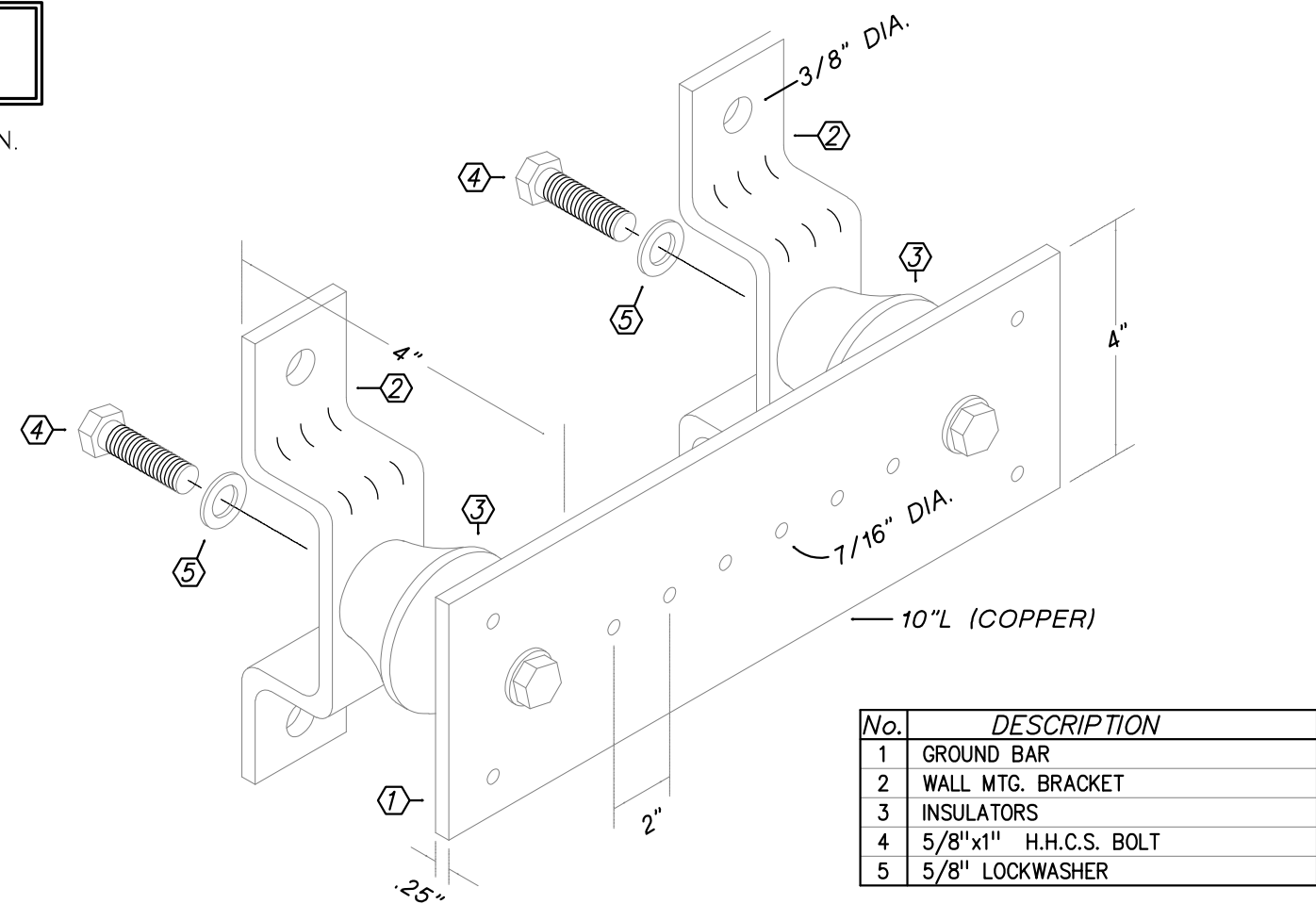
SHEET No.

M-2.2

WATFORD ENGINEERING
 4822 Clinton Street/Marianna, Florida 32448
 311 N. College St. Office 1018 Auburn, AL 36830
 Florida CA Number: 27825
 Keith A. Johnson, PE
 Florida License Number: 86457
 850.526.3447
 Project Number: 2022-005
 Checked By: KAJ
 Drawn By: IVB

ELECTRICAL GENERAL NOTES

- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO A/V DRAWINGS FOR REQUIRED RACEWAYS, EXACT SIZE, AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.
- RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.
- LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES, ETC. FOR AUDIO-VISUAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL A/V EQUIPMENT LOCATIONS TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.
- FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
- ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT AHEAD OF LOCAL SWITCH.
- ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, ETC., SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.
- GENERAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
- THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE AUDIO-VISUAL AND SPECIAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL.
- FURNISH ALL EQUIPMENT AND LABOR, PERFORM ALL LABOR WITH SUPERVISION, BEAR ALL EXPENSES, AS NECESSARY FOR THE SATISFACTORY COMPLETION OF ALL WORK READY FOR OPERATION.
- COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE, 2020 NATIONAL ELECTRIC CODE, AND 2025 FBC 8TH EDITION. OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES.
- OBTAIN ARCHITECT'S/ENGINEER'S APPROVAL OF ALL LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELBOARDS, ETC., PRIOR TO PURCHASING.
- TERMINATIONS FOR ALL EQUIPMENT SHOWN TO HAVE TEMPERATURE RATING OF 75deg C PER NEC 2011 ART. 110.14 & TABLE 310.15(B)(16).
- WHERE USED, PROVIDE MEANS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE CIRCUIT BREAKERS SERVING MULTI-WIRE BRANCH CIRCUITS IN ACCORDANCE WITH NEC 210.4(B).



'CBB' INSULATED GROUNDING BUSBAR DETAIL
NOT TO SCALE

GROUND BAR NOTES:

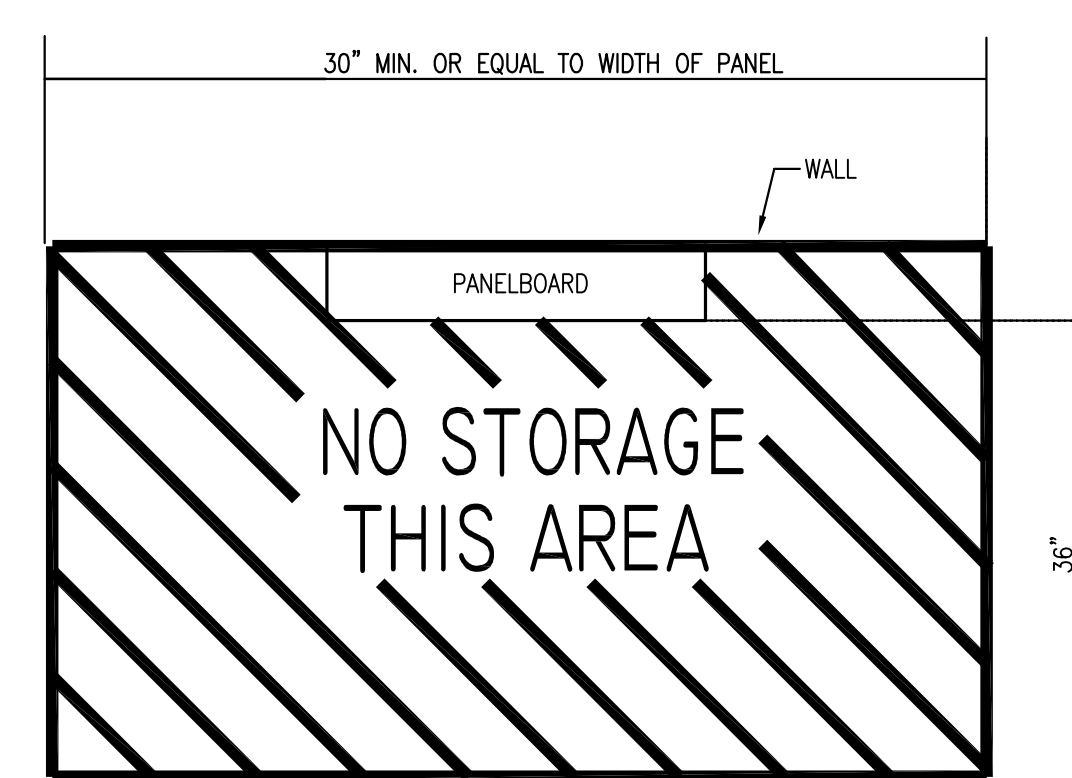
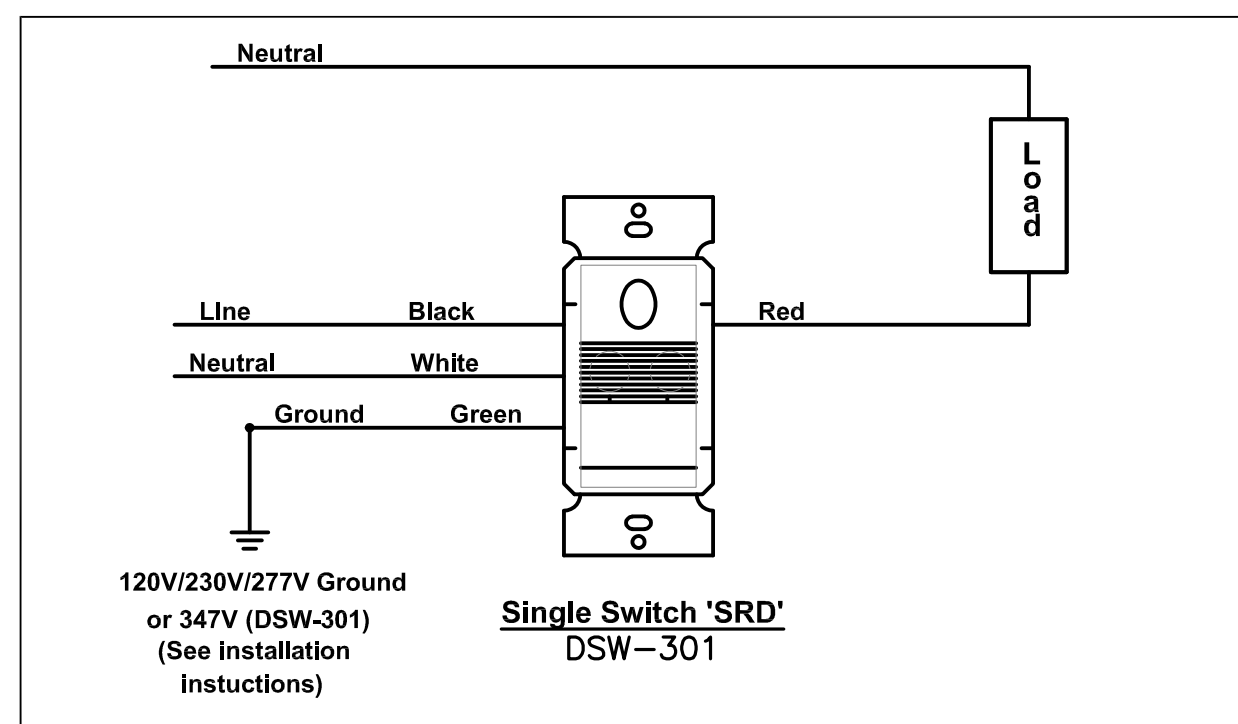
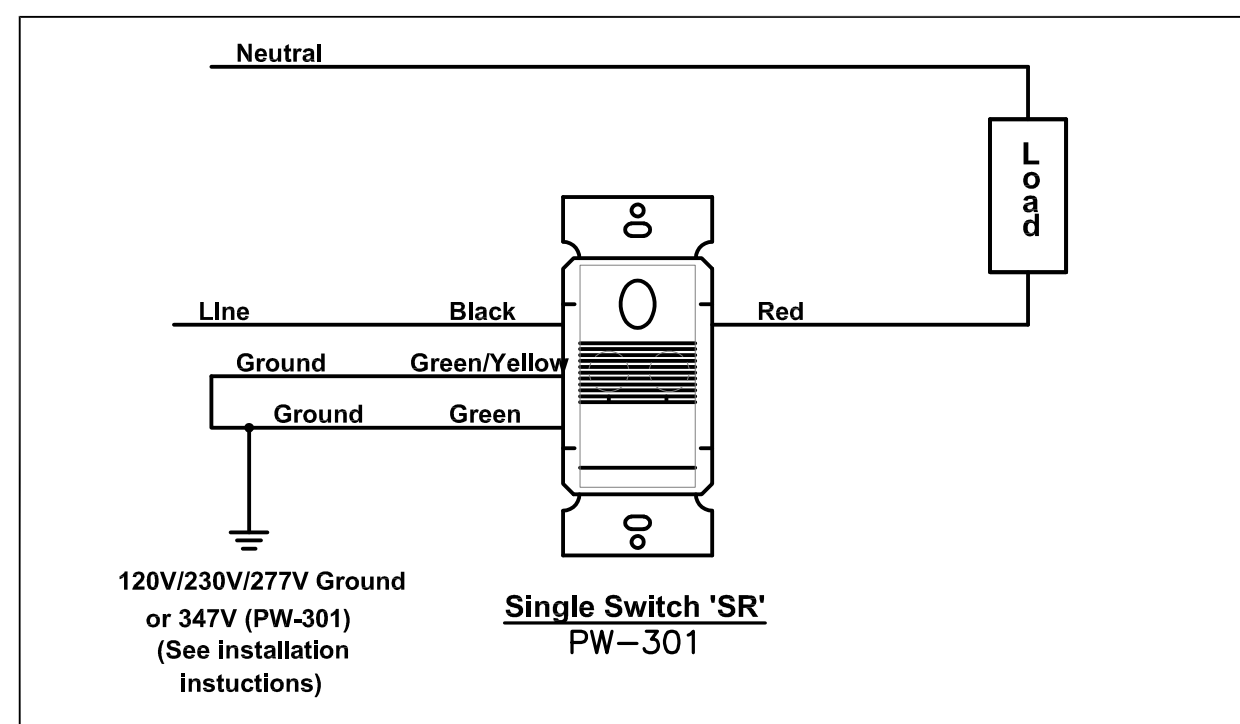
- INSTALL ONE BAR AT EACH COMMUNICATIONS BACKBOARD.
- ROUTE 1#2 BARE CU IN 1" C. TO ELECTRICAL SERVICE GND FROM BAR ON MAIN COMM. BACKBOARD.
- CONNECT BARS WITH 1#6 BARE CU IN 1" C.

No.	DESCRIPTION
1	GROUND BAR
2	WALL MTG. BRACKET
3	INSULATORS
4	5/8"x1" H.H.C.S. BOLT
5	5/8" LOCKWASHER

EQUALS TO BE SUBMITTED TO ARCHITECT/ENGINEER 10 DAYS PRIOR TO SUBMITTING BID FOR APPROVAL.

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER AND CATALOG No.	LAMPS		MOUNTING	REMARKS
		No.	TYPE		
BP	CHLORIDE CLU2NW	2	1.5 W LED	WALL @ 7'-6" AFF	120V
BPX BPXA	CHLORIDE CLCNRW	-	LED	WALL @ 7'-6" AFF	BATTERY PACK/EXIT SIGN COMBO, SELF DIAGNOSTICS, 120V, USE PUNCH-OUTS TO SHOW DIRECTIONAL ARROWS AS DENOTED ON DRAWING(S)
EP	LUMINAIRE #VPF84-50W-4000K-120-277-CP-(WHITE)-WET	50W	4000K LED	ELEVATOR PIT WALL	48" WALL-MOUNTED ELEVATOR PIT LIGHT, 120V
LFPA	H.E. WILLIAMS #BP-22-LS(31L)/8CS(35K)-OPTIONS-DIM-UNV	25W	3500K LED	CEILING LAY-IN	2X2' TUNEABLE LED FLAT PANEL CEILING RECESSED, STD 0-10V DIMMING, UNV VOLT
LPFB	H.E. WILLIAMS #BP-22-LS(31L)/8CS(35K)-OPTIONS-DIM-UNV	29W	3500K LED	CEILING LAY-IN	2X2' TUNEABLE LED FLAT PANEL CEILING RECESSED, STD 0-10V DIMMING, UNV VOLT
LFPC	H.E. WILLIAMS #BP-22-LS(42L)/8CS(35K)-OPTIONS-DIM-UNV	40W	3500K LED	CEILING LAY-IN	2X2' TUNEABLE LED FLAT PANEL CEILING RECESSED, STD 0-10V DIMMING, UNV VOLT
LS	H.E. WILLIAMS #75R-4-LS0-855-7511-DRV-UNV	44W	3500K LED	SURFACE MOUNTED	4" HIGH OUTPUT LED STRIP, 3500K, UNV
MX4	H.E. WILLIAMS #MX4S-400-L12/835-F-AC/48-DIM-UNV	44W	3500K LED	SUSPENDED	4"50 X 8" LONG LINEAR LED FIXTURE; NO UPLIGHT COMPONENT, FINISH BY ARCH, UNV VOLT, FLD-CUT FOR DESIRED HEIGHT
MX4S	H.E. WILLIAMS #MX4S-400-L12/835-F-DIM-UNV	44W	3500K LED	SURFACE MOUNTED	4"50 X 4" LONG LINEAR LED FIXTURE; NO UPLIGHT COMPONENT, FINISH BY ARCH, UNV VOLT...
WB	H.E. WILLIAMS #WPH-L30-740-T3-SDGL-DIM-UNV	36W	4000K LED	WALL MOUNT	EXTERIOR WALLPACK, FINISH BY ARCH, 120V
WBE	H.E. WILLIAMS #WPH-L30-740-T3-SDGL-EM/10WC-DIM-UNV	36W	4000K LED	WALL MOUNT	EXTERIOR WALLPACK, FINISH BY ARCH, EMERGENCY DRIVER, 120V
WSA	SCOTT ARCH #53861-L16-35K-(FINISH)-(OPTIONS)	16W	3500K LED	SURFACE MOUNTED	9"X24" DECORATIVE WALL SCNCE, (FINISH BY ARCH), UNV VOLT
WSAE	SCOTT ARCH #53861-L16-35K-(FINISH)-REM	16W	3500K LED	SURFACE MOUNTED	9"X24" DECORATIVE WALL SCNCE, (FINISH BY ARCH), EMERGENCY DRIVER, UNV VOLT



TYPICAL CLEARANCE AT ELECTRICAL PANELS
NOT TO SCALE

ELECTRICAL LEGEND

- CEILING OUTLETS**
- RECESSED 2' X 4' FLUORESCENT/LED FIXTURE MARK 'A' CIRCUIT TYPICAL
 - RECESSED 2' X 4' FLUORESCENT/LED FIXTURE INSTALLED FOR CONTINUOUS OPERATION
 - INDICATES FIXTURE WITH EMERGENCY UNIT BATTERY PACK
 - SURFACE MOUNTED, RECESSED OR SUSPENDED FLUORESCENT/LED FIXTURE MARK 'A' AS NOTED
 - SURFACE MOUNTED FLUORESCENT/LED STRIP FIXTURE MARK 'FS' AS NOTED
 - EXIT LIGHT
 - JUNCTION BOX
 - RECESSED/SURFACE MOUNT LIGHT
 - RECESSED/SURFACE MOUNT LIGHT INSTALLED FOR CONTINUOUS OPERATION
 - EXHAUST FAN
- PANELS AND POWER**
- 120/208 VOLT PANELBOARD
 - EXISTING 120/208 VOLT PANELBOARD
 - NON-FUSIBLE DISCONNECT SWITCH; XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING
- FIRE ALARM SYSTEM**
- FIRE ALARM SYSTEM MANUAL PULL STATION; MT 48" AFF TO C/L
 - FIRE ALARM SYSTEM SIGNAL HORN/STROBE; MT 80" AFF TO BOTTOM
 - WEATHERPROOF FIRE ALARM SYSTEM SIGNAL HORN; MOUNT 80" AFF TO BOTTOM
 - FIRE ALARM SYSTEM STROBE; MT. 80" AFF TO BOTTOM
 - FIRE ALARM SYSTEM AUTOMATIC HEAT DETECTOR; 135 DEGREE/RATE OF RISE TYPE; CEILING MOUNTED
 - FIRE ALARM SYSTEM AUTOMATIC SMOKE DETECTOR; CEILING MOUNTED
 - FIRE ALARM SYSTEM RACEWAY INSTALLED CONCEALED; ARROW INDICATES HOMERUN TO FIRE ALARM CONTROL PANEL
 - FIRE ALARM SYSTEM AUTOMATIC AIR DUCT SMOKE DETECTOR MOUNTED IN SUPPLY AIR DUCT
 - FIRE ALARM SYSTEM AUTOMATIC AIR DUCT SMOKE DETECTOR MOUNTED IN RETURN AIR DUCT
 - NORMALLY CLOSED RELAY IN H.V.A.C CONTROL CIRCUIT TO OPEN UPON ACTUATION OF BUILDING FIRE ALARM SYSTEM TO SHUT DOWN A/C UNIT. CONTACTS RATED 5 AMPS, 120 VOLTS.
 - REMOTE INDICATOR LIGHT; FIELD-VERIFY EXACT LOCATION OF INSTALLATION
 - FIRE ALARM SYSTEM MAGNETIC DOOR HOLDERS; WHERE APPLICABLE, EC TO PROVIDE 120V POWER AT DEVICE
 - FIRE ALARM SYSTEM FLOW SWITCH
 - FIRE ALARM SYSTEM TAMPER SWITCH
- WALL SWITCHES (UNLESS OTHERWISE NOTED, MOUNT 48" A.F.F.)**
- A.C. TYPE, SINGLE POLE, 20 AMP, 120/277 VOLT; MOUNT 48" AFF TO C/L
 - A.C. TYPE, 3-WAY, 20 AMP, 120/277 VOLT; MOUNT 48" AFF TO C/L
 - A.C. TYPE, 4-WAY, 20 AMP, 120/277 VOLT; MOUNT 48" AFF TO C/L
 - MOTOR-RATED TOGGLE SWITCH; FIELD-VERIFY EXACT HT & LOCATION WITH EQUIPMENT INSTALLER
 - WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED) EQUAL TO WATSTOPPER PW-100; SET DELAY OFF TIME FOR 10 MINUTES (120/277V); MOUNT 48" AFF TO C/L
 - WALL MOUNTED OCCUPANCY SENSOR EQUAL TO WATSTOPPER DSW-100, DUAL TECHNOLOGY; MOUNT 48" AFF TO C/L; SET DELAY OFF TIME FOR 10 MINUTES (120/277V)
 - 0-10V DIMMING W/ 50%, 75%, & 100% PRE-SETS WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED) EQUAL TO WATSTOPPER PW-311; SET DELAY OFF TIME FOR 10 MINUTES (120/277V); MOUNT 48" AFF TO C/L. IF DIMMING IS DESIRED IN A SPACE, A SEPARATE 0-10V 2-WIRE CONTROL CIRCUIT (MIN. 18GA) TO BE INSTALLED FROM DEVICE TO ALL FIXTURES IN ASSOCIATED DIMMING ZONE (FIXTURES TO BE DAISY-CHAINED).
 - 0-10V DIMMING W/ 50%, 75%, & 100% PRE-SETS WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED & ULTRASONIC) EQUAL TO WATSTOPPER DW-311; SET DELAY OFF TIME FOR 10 MINUTES (120/277V); MOUNT 48" AFF TO C/L. IF DIMMING IS DESIRED IN A SPACE, A SEPARATE 0-10V 2-WIRE CONTROL CIRCUIT (MIN. 18GA) TO BE INSTALLED FROM DEVICE TO ALL FIXTURES IN ASSOCIATED DIMMING ZONE (FIXTURES TO BE DAISY-CHAINED).
 - WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED & ULTRASONIC) EQUAL TO WATSTOPPER DW-200; SET DELAY OFF TIME FOR 10 MINUTES (120/277V); MOUNT 48" AFF TO C/L... W/ 50%, 75%, & 100% PRESETS, NOTE THAT FOR EACH LEVEL OF LIGHT, A SEPARATE SWITCH LEG IS REQUIRED TO BE INSTALLED.
 - PHILLIPS SUNRISE 1200W ELECTRONIC WALL DIMMER (MODEL# SR12002UNV); EC TO INSTALL 120V HOT/LEG (LOAD SIDE OF OCCUPANCY SENSOR SWITCH) TO DIMMING MODULE AND FROM MODULE TO FIXTURE; IN ADDITION, INSTALL A 2-WIRE (#16 AWG) DIMMING CIRCUIT FROM DIMMER MODULE TO LIGHTING FIXTURE(S) TO BE CONTROLLED. WITHIN EACH ZONE, DIMMING CIRCUIT MAY BE DAISY-CHAINED AND NOT SEPARATE RUNS FROM MODULE TO EACH FIXTURE REQUIRED. IF OTHER THAN SPECIFIED MANUFACTURERS/FIXTURE TYPES FURNISHED, EC TO VERIFY THAT DIMMING MODULE SUPPLIED TO BE 100% COMPATIBLE WITH FIXTURES TO BE INSTALLED. MOUNT 48" AFF TO C/L. IF EMERGENCY EGRESS FIXTURES W/ BATTERY BACKUP ARE WITHIN ZONE OF CONTROL, INSTALL A SEPARATE NON-SWITCHED 120V HOT/LEG FOR CONTINUAL CHARGING OF BATTERIES.
- AUTOMATIC LIGHTING CONTROL SYSTEM**
- 180" CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO WATSTOPPER DT-205 (LOW VOLTAGE); DUAL TECHNOLOGY INFRARED AND ULTRASONIC, 2000 SQ FT COVERAGE; SEE CEILING MOUNTED MOTION DETECTOR DETAIL
 - 360" CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO WATSTOPPER DT-355 (LINE VOLTAGE); DUAL TECHNOLOGY INFRARED AND ULTRASONIC, 1000 SQ FT COVERAGE; SEE CEILING MOUNTED MOTION DETECTOR DETAIL
 - POWER PACK RELAY EQUAL TO WATSTOPPER BZ-50 POWER PACK; SEE CEILING MOUNTED MOTION DETECTOR DEVICE TO BE MOUNTED ABOVE CEILING. (UNIVERSAL 100-277V)...20 AMP MAX. SWITCHING CAPABILITY
- BRANCH CIRCUITING**
- RUN CONCEALED UNDER FLOOR OR IN GRADE
 - RUN CONCEALED IN CEILING OR WALLS
 - HOMERUN TO PANEL. ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION INDICATES 2#12, 1#12 GROUND - 1/2" C.; 2#12, 1#12 GROUND - 1/2" C.; 4#12, 1#12 GROUND - 1/2" C. ETC. AS PER NEC. LETTERS AND NUMERALS INDICATE PANEL AND CIRCUIT NUMERALS INDICATE PANEL AND CIRCUIT NUMBER.
 - LIQUID-TIGHT FLEXIBLE CONDUIT CONNECTION
 - SURFACE MOUNTED CONDUIT; RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES
- TELEPHONE & TV SYSTEM**
- WALL OUTLET - 4" SQ X 2-1/8" DEEP BOX @ 18" A.F.F. TO C/L OF DEVICE U.N.O.; INSTALL 3/4" TO ACCESSIBLE LOCATION ABOVE CEILING. COMMUNICATIONS CONTRACTOR SHALL PROVIDE COVERPLATES, INSERTS, ETC.
 - WALL OUTLET - 4" SQ X 2-1/8" DEEP BOX @ 6" ABOVE COUNTER TO C/L OF DEVICE U.N.O.; INSTALL 3/4" TO ACCESSIBLE LOCATION ABOVE CEILING. COMMUNICATIONS CONTRACTOR SHALL PROVIDE COVERPLATES, INSERTS, ETC.
 - WALL OUTLET - 4" SQ X 2-1/8" DEEP BOX @ 6" HORIZONTALLY ABOVE COUNTER TO C/L OF DEVICE; INSTALL 3/4" TO ACCESSIBLE LOCATION ABOVE CEILING; COMMUNICATIONS CONTRACTOR SHALL PROVIDE COVERPLATES, INSERTS, ETC.
 - 3/4" (60" HIGH) TELEPHONE BACKBOARD EXTERIOR GRADE PLYWOOD WITH TWO COATS OF INSULATING VARNISH, SIZE AS SHOWN
 - TELEVISION CABLE WALL OUTLET - 4" SQ X 2-1/8" DEEP BOX, INSTALL 3/4" TO ACCESSIBLE LOCATION ABOVE CEILING. COMMUNICATIONS CONTRACTOR SHALL PROVIDE COVERPLATES, INSERTS, ETC...MOUNT 18" A.F.F. TO C/L OF DEVICE U.N.O.
- WALL OUTLETS**
- DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
 - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE, TAMPER RESISTANT
 - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
 - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE, 'H' DENOTES DEVICE TO BE MOUNTED HORIZONTALLY
 - DUPLEX WEATHERTIGHT RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE, PROVIDE WEATHERPROOF BOX FOR RECEPTACLE
 - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT FLUSH IN CEILING
 - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT ADJACENT TO TELEVISION OUTLET AT SAME HEIGHT.
 - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER
 - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER, HORIZONTALLY
 - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 26" AFF TO C/L FOR DRINKING FOUNTAIN
 - QUADRUPLE RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
 - QUADRUPLE RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE, 'H' DENOTES DEVICE TO BE MOUNTED HORIZONTALLY
 - 240V RECEPTACLE - MOUNT 18" AFF UNLESS NOTED OTHERWISE, VERIFY TYPE REQUIRED WITH EQUIPMENT FURNISHED
 - JUNCTION BOX WITH BLANK SCREW COVER AND FLEXIBLE CONDUIT CONNECTION
 - SURFACE-MOUNTED JUNCTION BOX WITH BLANK SCREW COVER (UNLESS DEVICE SHOWN TO BE INSTALLED); SIZE OF BOX TO BE DETERMINED BY DEVICE BEING INSTALLED
 - WALL MOUNTED EXIT LIGHT
 - WALL MOUNTED HIGH INTENSITY DISCHARGE FIXTURE
 - WALL MOUNTED EMERGENCY UNIT BATTERY PACK
 - WALL MOUNTED EXIT LIGHT/BATTERY PACK COMBO FIXTURE
 - SIDEWALL PHOTOCELL EQUAL TO TORK #2101 (120V)
 - DUPLEX RECEPTACLE - 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE, LABEL "COMPUTER USE ONLY"
- MISCELLANEOUS**
- A.F.F. ABOVE FINISH FLOOR
 - B.F.C. BELOW FINISHED CEILING
 - E. EXISTING

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS. SUBMIT TO AIA ACTION.

DONOFRO ARCHITECTS
P.O. BOX 861
MARIANNA, FL 32447
OFFICE: (850) 482-5261
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261



SHEET GENERAL NOTES, LEGEND, TITLE & DETAILS
RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: OCT. 11, 2024
DRAWN BY: EMU
CHECKED BY: ALD

SHEET No.

E-0.1

WATFORD ENGINEERING
4482 Clinton Street Marianna, Florida 32446
311 N. College St. Office 1015 Auburn, AL 36830
Florida CA Number: 27025
Anthony J. Dink, P.E.
Florida License Number: 57419
850.526.3447
Project Number: 2022-005
Checked By: ALD
Drawn By: EMU

CIRCUIT BREAKER PANEL SCHEDULE										
PANEL 'MP'										
CKT	LOAD DESCRIPTION	BREAKER POLE	AMP	LOAD KVA	BREAKER AMP	POLE	LOAD DESCRIPTION	CKT		
1	HP-2	2	40	4.61	20	1	FACP	2		
3	↓	↓	↓	↓	↓	↓	↓	↓		
5	SPACE	1	--	0.4	20	1	SHUNTER LEG (NO 120V LOADS)	4		
7	SPACE	1	--	--	--	--	SPACE	6		
9	AHU-1	2	30	5.47	--	--	SPACE	8		
11	↓	↓	↓	↓	↓	↓	↓	↓		
13	MHP-1	2	20	2.5	--	--	SHUNTER LEG (NO 120V LOADS)	10		
15	↓	↓	↓	↓	↓	↓	↓	↓		
17	SPACE	1	--	0.27	20	1	SPACE	12		
19	SPACE	1	--	--	--	--	SPACE	14		
21	EW-H-1	2	30	9.00	--	--	SPACE	16		
23	↓	↓	↓	↓	↓	↓	↓	↓		
25	SPACE	1	--	0.40	20	1	SPACE	18		
27	HP-1	2	30	6.14	1.20	20	1	SPACE	20	
29	↓	↓	↓	↓	↓	↓	↓	↓		
31	SPACE	1	--	22.41	100	3	SPACE	22		
33	SHUNTER LEG (NO 120V LOADS)	1	--	--	--	--	SPACE	24		
35	SPACE	1	--	--	--	--	SPACE	26		
37	↑	↑	↑	↑	↑	↑	↑	↑		
39	LP1	3	150	20.85	30	3	SPACE	28		
41	↓	↓	↓	↓	↓	↓	↓	↓		
42	↓	↓	↓	↓	↓	↓	↓	↓		

*TOTAL DEMAND LOAD- 51.04 KVA
 TOTAL CONNECTED LOAD- 73.45 KVA
 MINIMUM INTERRUPTING CAPACITY- 22,000 AMPS SYMMETRICAL

MP
 LP1
 TOTAL 138.4A 115.5A 137.4A

① HACR RATED BREAKER, VERIFY SIZE REQUIRED FOR EQUIPMENT
 FURNISHED
 ② FURNISH GFCI BREAKER
 FURNISH BREAKER W/ HANDLE 'LOCK-OFF'
 ③ BREAKER TO BE FURNISHED WITH SHUNT-TRIP AND AN AUXILIARY CONTACT FOR EMERGENCY BATTERY LOWERING OF CAB. COORDINATE W/ FIRE ALARM/ELEVATOR CONTRACTOR FOR INSTALLATION OF REDD CABLING FOR SHUNT-TRIP ACTUATION DUE TO FIRE ALARM NOTIFICATION. PRIOR TO ORDERING BREAKER, VERIFY BREAKER SIZE REDD W/ ELEVATOR INSTALLER.

*ELEVATOR MOTOR LOAD IS CONSIDERED INSTANTANEOUS AND NOT INCLUDED IN DEMAND LOAD.

CIRCUIT BREAKER PANEL SCHEDULE									
PANEL 'LP1'									
CKT	LOAD DESCRIPTION	BREAKER POLE	AMP	LOAD KVA	BREAKER AMP	POLE	LOAD DESCRIPTION	CKT	
1	RANGE	1	20	0.96	0.18	20	1	REC-MECH 109	2
3	SHUNT TRIP	1	--	--	--	--	SHUNTER LEG (NO 120V LOADS)	4	
5	REC-FUTURE COMM. KITCHEN 110	1	20	0.18	0.90	20	1	REC-OPEN LEASE SPACE 104	6
7	SHUNT TRIP	1	--	--	--	--	REC-OPEN LEASE SPACE 104	8	
9	SHUNTER LEG (NO 120V LOADS)	1	--	--	--	--	SHUNTER LEG (NO 120V LOADS)	10	
11	KSF-1	1	20	0.77	0.72	15	1	REC-LOBBY 101/FOYER 102	12
13	KEF-1	1	25	0.20	0.50	15	1	HI- HOOD (LTS & CONTROLS)	14
15	SHUNTER LEG (NO 120V LOADS)	1	--	--	--	--	SHUNTER LEG (NO 120V LOADS)	16	
17	CP-1	1	20	0.20	0.18	20	1	REC-FUTURE COMM. KITCHEN 110	18
19	ICE MAKER	1	20	0.87	0.18	20	1	REC-FUTURE COMM. KITCHEN 110	20
21	SHUNTER LEG (NO 120V LOADS)	1	--	--	--	--	SHUNTER LEG (NO 120V LOADS)	22	
23	REFRIGERATOR	1	20	0.25	0.18	20	1	REC-FUTURE COMM. KITCHEN 110	24
25	FREEZER	1	20	0.76	1.00	20	1	LTS-INTERIOR	26
27	SHUNTER LEG (NO 120V LOADS)	1	--	--	--	--	SHUNTER LEG (NO 120V LOADS)	28	
29	SPARE	1	20	--	0.50	20	1	LTS-EXTERIOR	30
31	CONV OVEN	1	20	0.96	--	20	1	SPARE	32
33	SHUNT TRIP	1	--	--	--	--	SHUNTER LEG (NO 120V LOADS)	34	
35	REC-ELEV. EQUIP. 111	1	20	0.36	9.20	80	2	LP-2	36
37	REC-CORR. 106/RESTROOM 108	1	20	0.90	--	--	↓	↓	38
39	SHUNTER LEG (NO 120V LOADS)	1	--	--	--	--	SHUNTER LEG (NO 120V LOADS)	40	
41	SPARE	1	20	--	--	20	1	SPARE	42
43	SPARE	1	20	--	--	20	1	SPARE	44
45	SPARE	1	20	--	--	20	1	SPARE	46
47	SPARE	1	20	--	--	20	1	SPARE	48
49	SPARE	1	20	--	--	20	1	SPARE	50
51	SPARE	1	20	--	--	20	1	SPARE	52
53	SPARE	1	20	--	--	20	1	SPARE	54

TOTAL CONNECTED LOAD- 20.85 KVA
 MINIMUM INTERRUPTING CAPACITY- 22,000 AMPS SYMMETRICAL

LP1
 LP2
 TOTAL 102.1A ---A 64.2A

① HACR RATED BREAKER, VERIFY SIZE REQUIRED FOR EQUIPMENT
 FURNISHED
 ② FURNISH GFCI BREAKER
 FURNISH BREAKER W/ HANDLE 'LOCK-OFF'
 ③ FURNISH INSTALL SHUNT-TRIP BREAKER, CONNECT TO HOOD CONTROLS

CIRCUIT BREAKER PANEL SCHEDULE									
PANEL 'LP2'									
CKT	LOAD DESCRIPTION	BREAKER POLE	AMP	LOAD KVA	BREAKER AMP	POLE	LOAD DESCRIPTION	CKT	
1	AHU-2	2	25	4.42	0.90	20	1	REC-MEETING ROOM 209	2
3	↓	↓	↓	↓	↓	↓	↓	↓	4
5	REC-LOBBY 201/CORR. 202/MEETING ROOM 209	1	20	0.90	1.00	20	1	REC-MEETING ROOM 209	6
7	REC-MENS 204/CUST 205/WOMENS 207	1	20	0.54	--	20	1	LTS-INTERIOR	8
9	REC-MEETING ROOM 209/MECH 208	1	20	0.72	--	--	--	SPARE	10
11	SPARE	1	20	--	--	--	--	SPARE	12
13	↓	↓	↓	↓	↓	↓	↓	↓	14
15	↓	↓	↓	↓	↓	↓	↓	↓	16
17	↓	↓	↓	↓	↓	↓	↓	↓	18
19	↓	↓	↓	↓	↓	↓	↓	↓	20
21	SPACE	1	--	--	--	--	SPACE	22	
23	↓	↓	↓	↓	↓	↓	↓	↓	24
25	↓	↓	↓	↓	↓	↓	↓	↓	26
27	↓	↓	↓	↓	↓	↓	↓	↓	28
29	↓	↓	↓	↓	↓	↓	↓	↓	30

TOTAL CONNECTED LOAD- 9.20 KVA
 MINIMUM INTERRUPTING CAPACITY- 10,000 AMPS SYMMETRICAL

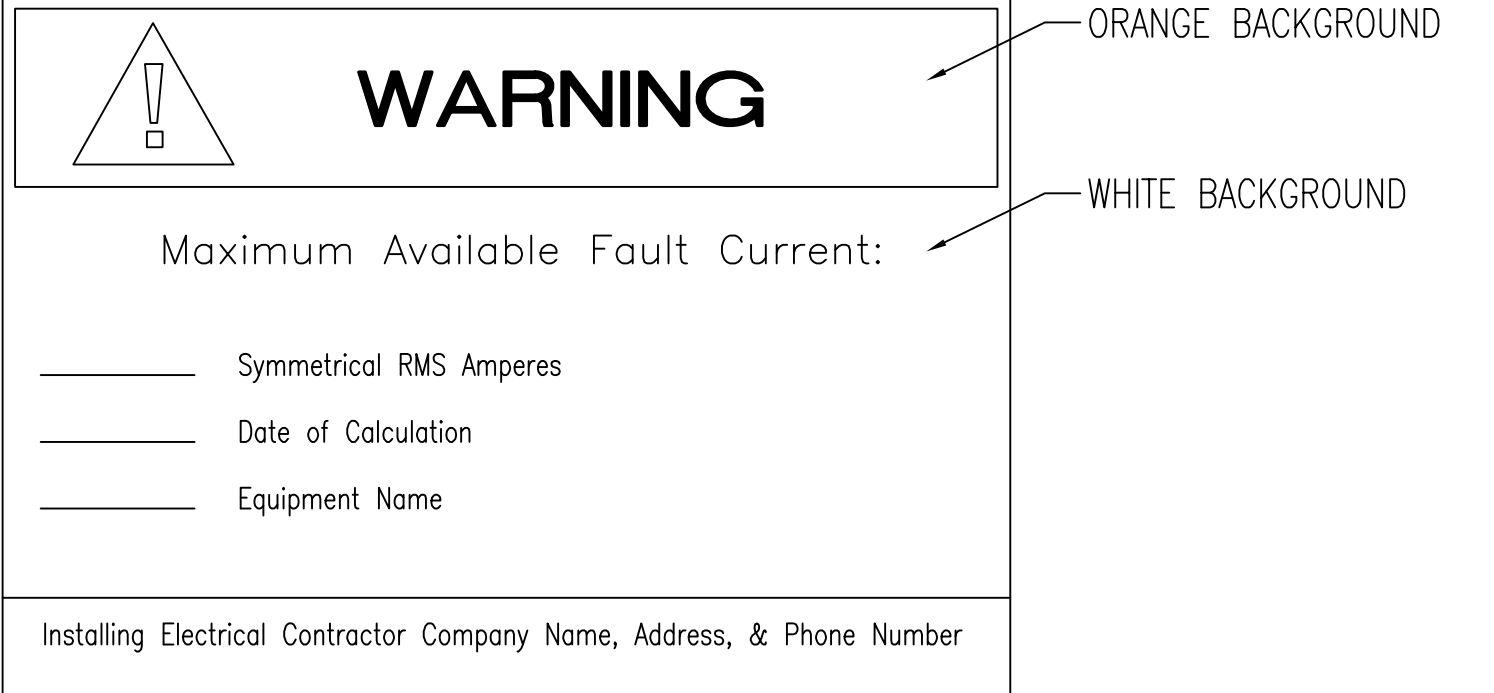
LP2
 TOTAL 40.3A ---A 28.9A

① HACR RATED BREAKER, VERIFY SIZE REQUIRED FOR EQUIPMENT
 FURNISHED
 ② FURNISH GFCI BREAKER
 ③ FURNISH BREAKER W/ HANDLE 'LOCK-OFF'

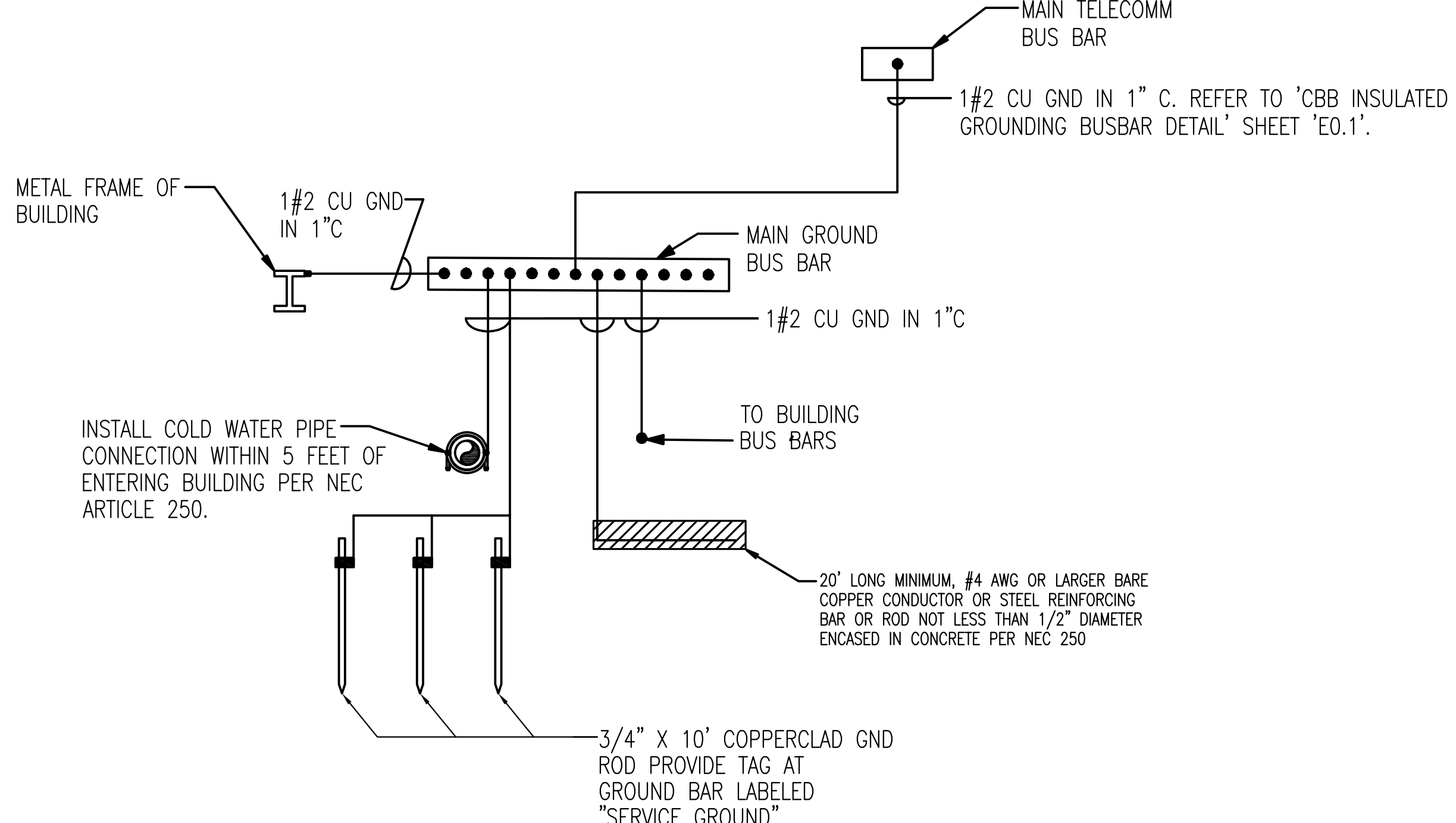
CAUTION: B PHASE HAS 208 VOLTS TO GROUND

CAUTION: B PHASE HAS 208 VOLTS TO GROUND

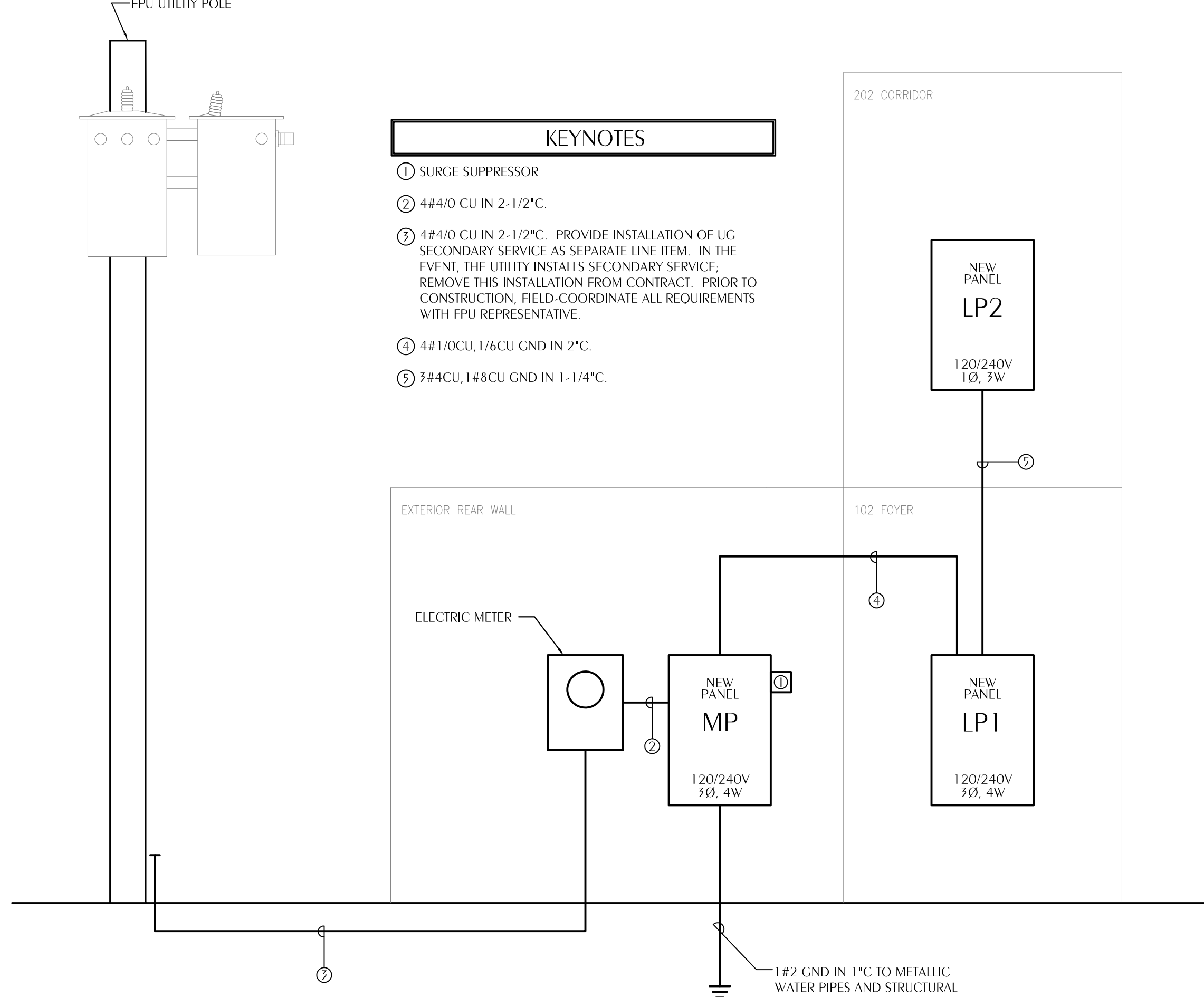
-PROVIDED APPROVAL FROM LOCAL AHI AND FPU, ALUMINUM CONDUCTOR MAY BE USED FOR FEEDERS AND SERVICE-ENTRANCE CABLING. ALUMINUM CONDUCTOR MUST HAVE THE SAME OR GREATER AMPACITY OF THE SPECIFIED COPPER CONDUCTOR.
 -PRIOR TO CONSTRUCTION, EC TO COORDINATE/VERIFY WITH TELEPHONE/CATV UTILITIES IF SERVICE IS TO BE PROVIDED OVERHEAD. OTHERWISE, IF SERVICE IS TO BE UNDERGROUND, VERIFY REQUIREMENTS (INCLUDING SIZE# OF CONDUITS, ROUTING, & PIS-OF-TERMINATION).



3 TYPICAL SERVICE EQUIPMENT FAULT CURRENT LABEL DETAIL
 E-0.2 SCALE: N.T.S.



2 GROUNDING SYSTEM RISER DIAGRAM
 E-0.2 SCALE: N.T.S.



1 POWER RISER DIAGRAM
 E-0.2 SCALE: N.T.S.

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR MODIFICATION WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS STRICTLY PROHIBITED. DONOFRO ARCHITECTS

2910 CALEDONIA ST.
 MARIANNA, FL 32447
 OFFICE: (850) 482-5261

DONOFRO ARCHITECTS
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

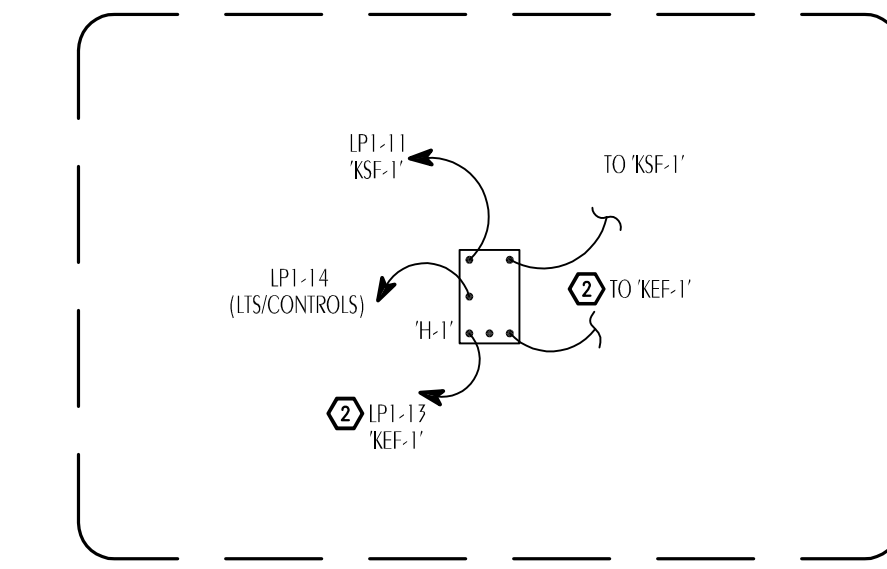
RESTORATION, PRESERVATION, & ADDITION
 TO HISTORIC GRAHAM'S PLACE
 FOR:
 RENAISSANCE PARK YOUTH CAMP &
 FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: OCT. 11, 2024
 DRAWN BY: EMU
 CHECKED BY: ALD

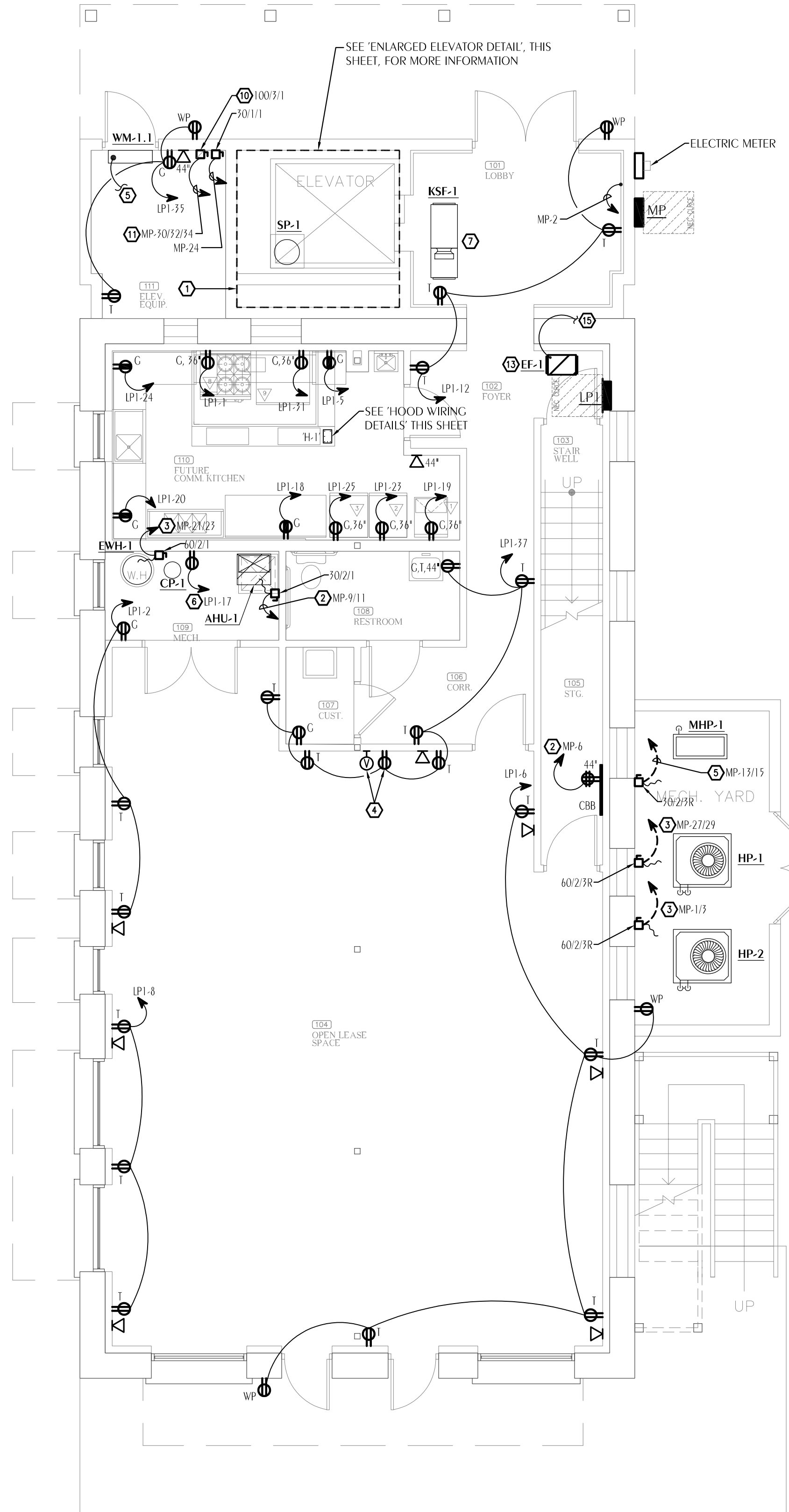
SHEET No. E-0.2

WATFORD ENGINEERING
 Florida CA Number: 27025
 Anthony J. Dink, P.E.
 Florida License Number: 57419
 850.526.3447
 Project Number: 2022-005
 Checked By: ALD
 Drawn By: EMU

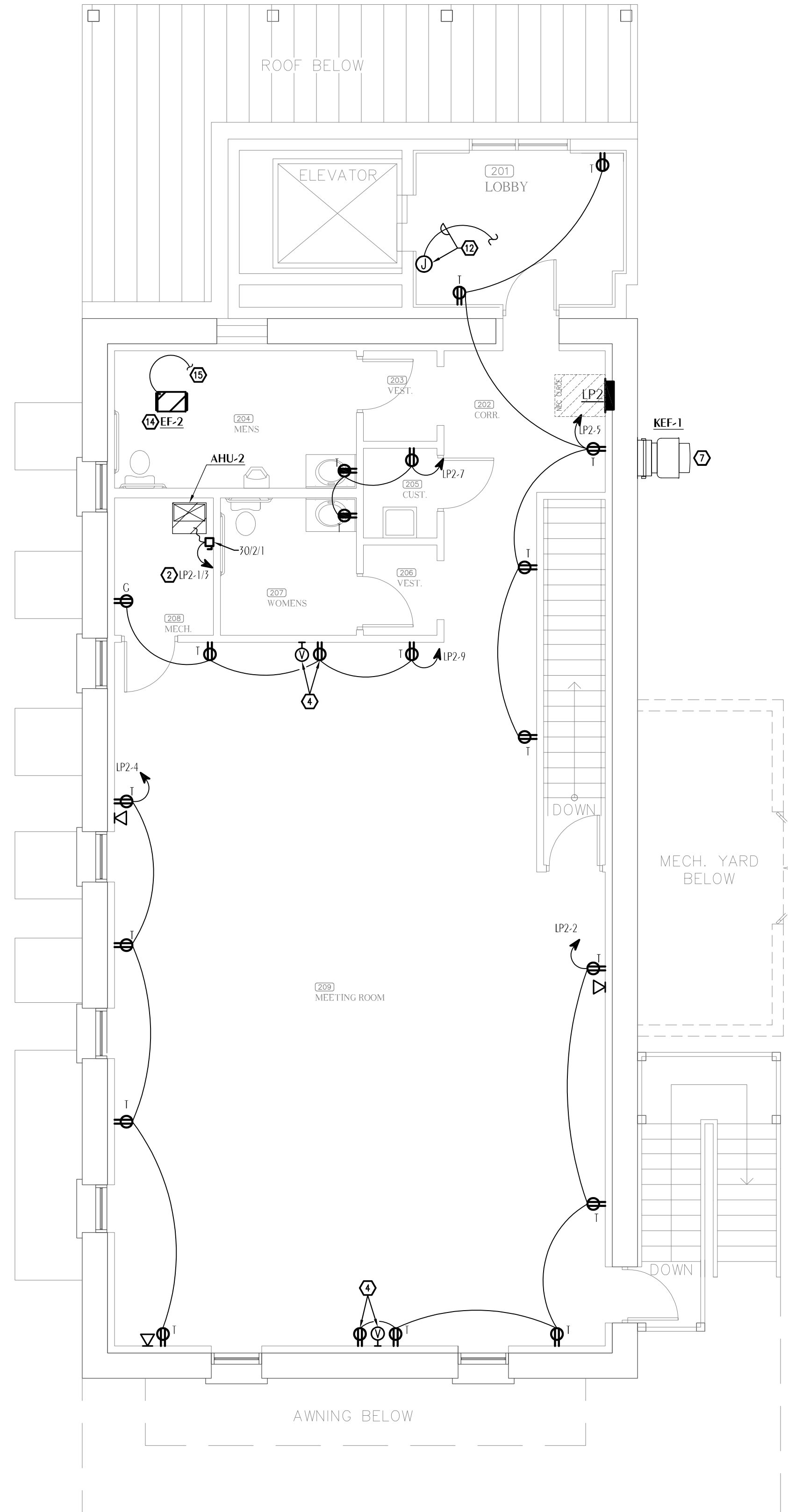
KITCHEN EQUIPMENT SCHEDULE				
ITEM	DESCRIPTION	MANUFACTURER	MODEL #	QUANTITY
1	ICE MAKER	ANTOSA, INC.	YR280-AP-161	1
2	REACH-IN REFRIGERATOR	ANTOSA, INC.	MBF8501GR	1
3	REACH-IN FREEZER	ANTOSA, INC.	MBF8501GR	1
4	RANGE, 36", 4 BURNERS, 12" GRIDDLE	ROYAL RANGE, CA.	RR-4G12	1
5	CONVECTION OVEN, GAS	ROYAL RANGE, CA.	RCOS-1	1



3 HOOD WIRING DETAIL
E1.1 SCALE: NOT TO SCALE



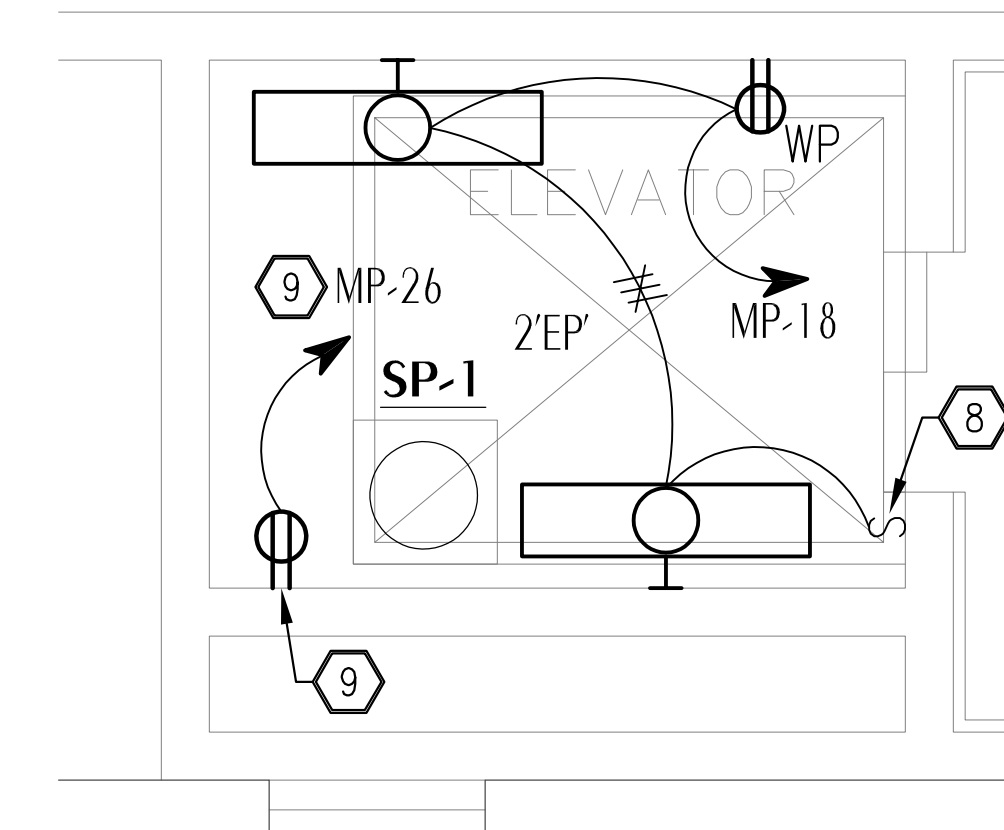
1 POWER PLAN - FIRST FLOOR
E1.1 SCALE: 3/16"=1'-0"



2 POWER PLAN - SECOND FLOOR
E1.1 SCALE: 3/16"=1'-0"

SHEET NOTES

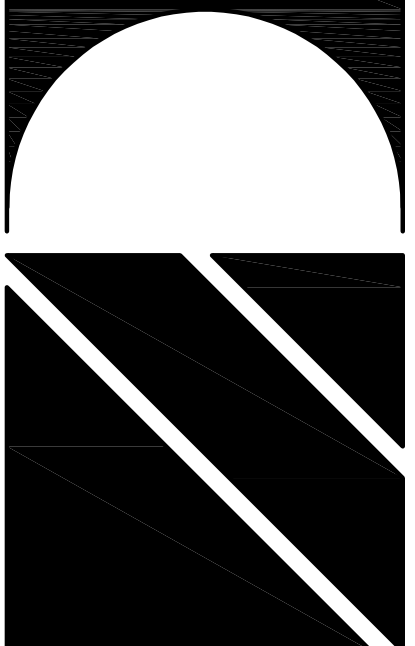
- EXACT MAKE/MODEL # MAY NOT BE CORRECT. FOR BIDDING PURPOSES ONLY, VERIFY ONCE ACTUAL MAKE/MODEL # AND ELEVATOR INFO KNOWN.
- INSTALL 2#10, 1#10GND IN 3/4"C.
- INSTALL 2#8, 1#10GND IN 3/4"C.
- PRIOR TO ROUGH-IN, EC TO FIELD-VERIFY EXACT HEIGHT/LOCATION OF DEVICES FOR TV WITH CC.
- PER MECHANICAL DESIGN, INDOOR UNIT IS TO BE POWERED VIA OUTDOOR UNIT. CONNECT TO ASSOCIATED OUTDOOR UNIT WITH 2#12, 1#12GND IN 3/4"C.
- INSTALL GFCI RECEPTACLE FOR CIRCULATION PUMP. EC TO COORDINATE WITH PLUMBING CONTRACTOR FOR DEVICE LOCATION AND FOR ANY ADDITIONAL ELECTRICAL CONNECTIONS.
- REFER HOOD CONTROL WIRING DETAILS FOR POWER.
- INSTALL SWITCH WITH ILLUMINATED TOGGLE, VERIFY LOCATION PRIOR TO ROUGH-IN WITH ELEVATOR INSTALLER.
- PRIOR TO ROUGH-IN, FIELD-VERIFY THE EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF PIT SUMP PUMP. ADJUST AS REQUIRED. INSTALL RECEPTACLE AND 2#10, 1#10GND IN 3/4"C.
- INSTALL 100 AMP LOCKABLE FUSED/CARTRIDGE TYPE DISCONNECT SWITCH WITH AUXILIARY CONTACT/SWITCH FOR EMERGENCY BATTERY LOWERING. DISCONNECT TO BE FURNISHED WITH CLASS 'K' FUSES (W/ REFLECTION CLIPS) SIZED PER MANUFACTURER'S RECOMMENDATIONS. NOTE THAT AN AUXILIARY CONTACT SHALL BE INSTALLED ON THE SHUNT-TRIP CIRCUIT BREAKER FEEDING THE ELEVATOR MOTOR. PRIOR TO ROUGH-IN, VERIFY LOCATION/SIZE OF REQUIRED DISCONNECT, SIZES OF BREAKER AND CIRCUIT WITH EQUIPMENT SUPPLIER. PRIOR TO ORDERING EQUIPMENT, VERIFY EXACT SIZE FUSES REQUIRED WITH EQUIPMENT VENDOR. FOR BID PURPOSES, ASSUME 80A UL CLASS 'RK1' FUSES. INSTALL CIRCUIT FOR ELEVATOR MACHINE MOTOR. NOTE THAT AN AUXILIARY CONTACT SHALL BE INSTALLED ON THE SHUNT-TRIP CIRCUIT BREAKER FEEDING THE ELEVATOR MACHINE. REP. PER MANUFACTURER'S REQUIREMENTS. COPPER CONDUCTOR TO BE USED FOR RACEWAY OF CIRCUIT AND GROUND TO BE THE SAME SIZE AS CURRENT-CARRYING CONDUCTORS.
- INSTALL 3#3CU, 1#3CU GND IN 1-1/4"C. GROUND TO BE SIZED SAME AS CURRENT-CARRYING CONDUCTORS.
- FOR EMERGENCY TWO-WAY COMMUNICATION SYSTEM FOR ADA PERSONNEL PER IBC 1007.8 ELECTRICAL CONTRACTOR SHALL INSTALL JUNCTION BOX AND 3/4"C (W/ PULLSTRING) TO FIRE ALARM CONTROL PANEL. PRIOR TO ROUGH-IN, COORDINATE EXACT SIZE AND LOCATION JUNCTION BOX AND EXACT POINT-OF-TERMINATION FOR RACEWAY WITH 'F' CONTRACTOR/FIRE DEPARTMENT. THIS SYSTEM IS FOR PERSONNEL WHO MAY HAVE LIMITED MOBILITY AND ARE TRAPPED ON THE UPPER FLOORS) AND WILL BE ABLE TO SUMMONS ASSISTANCE FROM EMERGENCY PERSONNEL. -IBC 1007.8.3 "A TWO-WAY COMMUNICATION SYSTEM SHALL BE PROVIDED AT THE ELEVATOR LANDING ON EACH ACCESSIBLE FLOOR THAT IS ONE OR MORE STORIES ABOVE OR BELOW THE STORY OF EXIT DISCHARGE COMPLYING WITH SECTIONS 1007.8.1 AND 1007.8.2. -IBC 1007.8.1 "TWO-WAY COMMUNICATIONS SHALL PROVIDE COMMUNICATION BETWEEN EACH REQUIRED LOCATION (RATH CALL BOXES) AND THE FIRE COMMAND CENTER OR CENTRAL CONTROL POINT LOCATION (RATH BASE STATIONS) APPROVED BY THE FIRE DEPARTMENT." -IBC 1007.8.2 "DIRECTIONS (PART #7049) FOR THE USE OF THE TWO-WAY COMMUNICATION SYSTEM, INSTRUCTIONS FOR SUMMONING ASSISTANCE VIA THE TWO-WAY COMMUNICATION SYSTEM AND WRITTEN IDENTIFICATION OF THE LOCATION SHALL BE POSTED ADJACENT TO THE TWO-WAY COMMUNICATION SYSTEM.
- PER MECHANICAL DESIGN, 'EF-1' IS TO BE PROVIDED WITH INTEGRAL DISCONNECT AND BE INTERLOCKED WITH 'AHU-1'. EC TO COORDINATE WITH MECHANICAL CONTRACTOR TO ENSURE DEVICES ARE CONNECTED TO PROVIDE SIMULTANEOUS OPERATION.
- PER MECHANICAL DESIGN, 'EF-2' IS TO BE PROVIDED WITH INTEGRAL DISCONNECT AND BE INTERLOCKED WITH 'AHU-2'. EC TO COORDINATE WITH MECHANICAL CONTRACTOR TO ENSURE DEVICES ARE CONNECTED TO PROVIDE SIMULTANEOUS OPERATION.
- EC TO CONNECT EXHAUST FAN TO NEAREST LIGHTING CIRCUIT SHOWN ON SHEET 'E2.1'.



4 ENLARGED ELEVATOR DETAIL
E1.1 SCALE: NOT TO SCALE

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. NO PARTS OF THIS DRAWING ARE TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF DONOFRO ARCHITECTS.

DONOFRO ARCHITECTS
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261
P.O. BOX 861
MARIANNA, FL 32447
FAX: (850) 482-8609



SHEET: ELECTRICAL POWER
TITLE: PLAN
JOB NUMBER: M-2022-21
DATE: OCT. 11, 2024
DRAWN BY: EMU
CHECKED BY: ALD
RESTORATION, PRESERVATION, & ADDITION
TO HISTORIC GRAHAM'S PLACE
FOR:
RENAISSANCE PARK YOUTH CAMP &
FAMILY CENTER, INC.
MARIANNA, FLORIDA

FLORIDA CA NUMBER: 27025
Anthony L. Dink, P.E.
Florida License Number: 57419
850.526.3447
Project Number: 2022-005
Checked By: ALD
Drawn By: EMU

SHEET No.
E-1.1

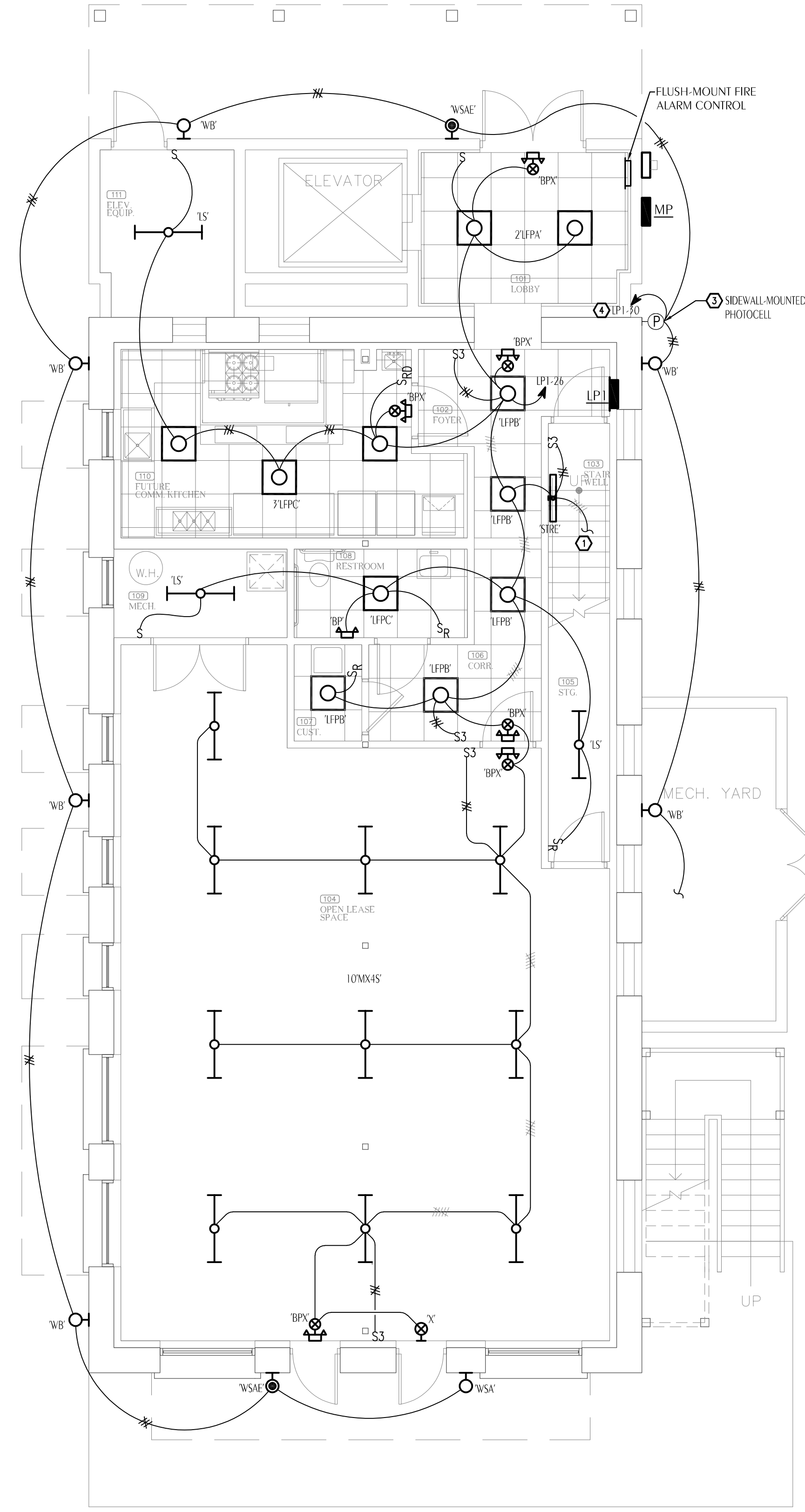
WATFORD ENGINEERING
4482 Clinton Street/Marianna, Florida 32446
311 N. College St., Office 1015 Auburn, AL 36830

SHEET NOTES

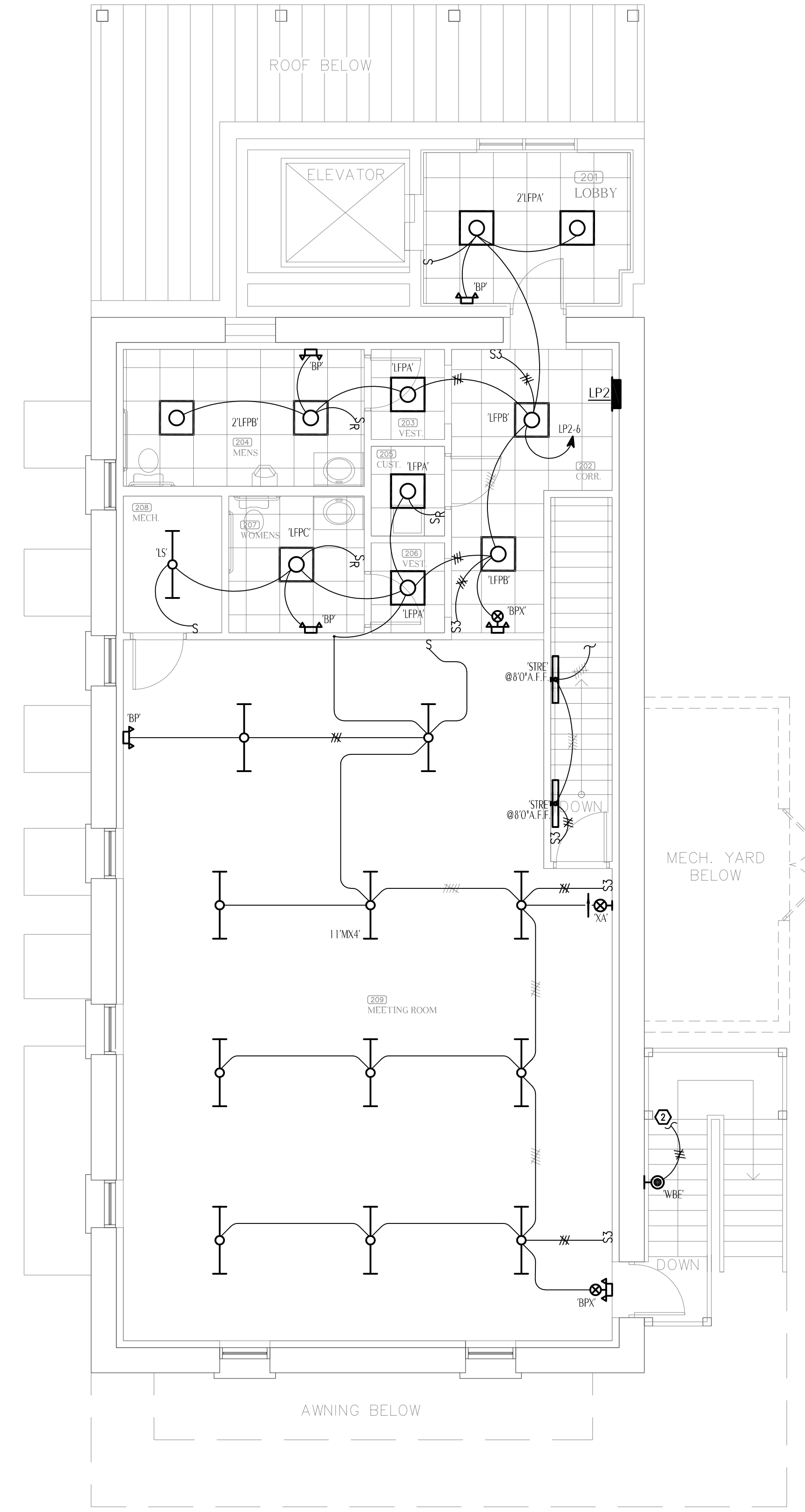
- ① CONNECT TO 'STRE' FIXTURE IN STAIRS ABOVE.
- ② CONNECT TO THE ADJACENT WALL MOUNTED EXTERIOR LIGHTING FIXTURE.
- ③ PHOTOCELL TO BE MOUNTED/SHELED SO THAT ADJACENT EXTERIOR LIGHTING DOES NOT INTERFERE WITH ITS PROPER OPERATION.
- ④ TO COMPLY WITH NEC AND REDUCE THE VOLTAGE DROP, ENTIRE CIRCUIT TO BE A MINIMUM OF #10CL. WHERE 3-WIRE SHOWN, INSTALL ADDITIONAL NON-SWITCHED 120V HOTLEG FOR CONTINUAL CHARGING OF BACKUP BATTERY FOR EMERGENCY EGRESS LIGHTING COMPLIANCE.

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR MODIFICATION WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS PROHIBITED. DONOFRO ARCHITECTS

DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609



1 LIGHTING PLAN - FIRST FLOOR
 SCALE: 3/16"=1'-0"



2 LIGHTING PLAN - SECOND FLOOR
 SCALE: 3/16"=1'-0"

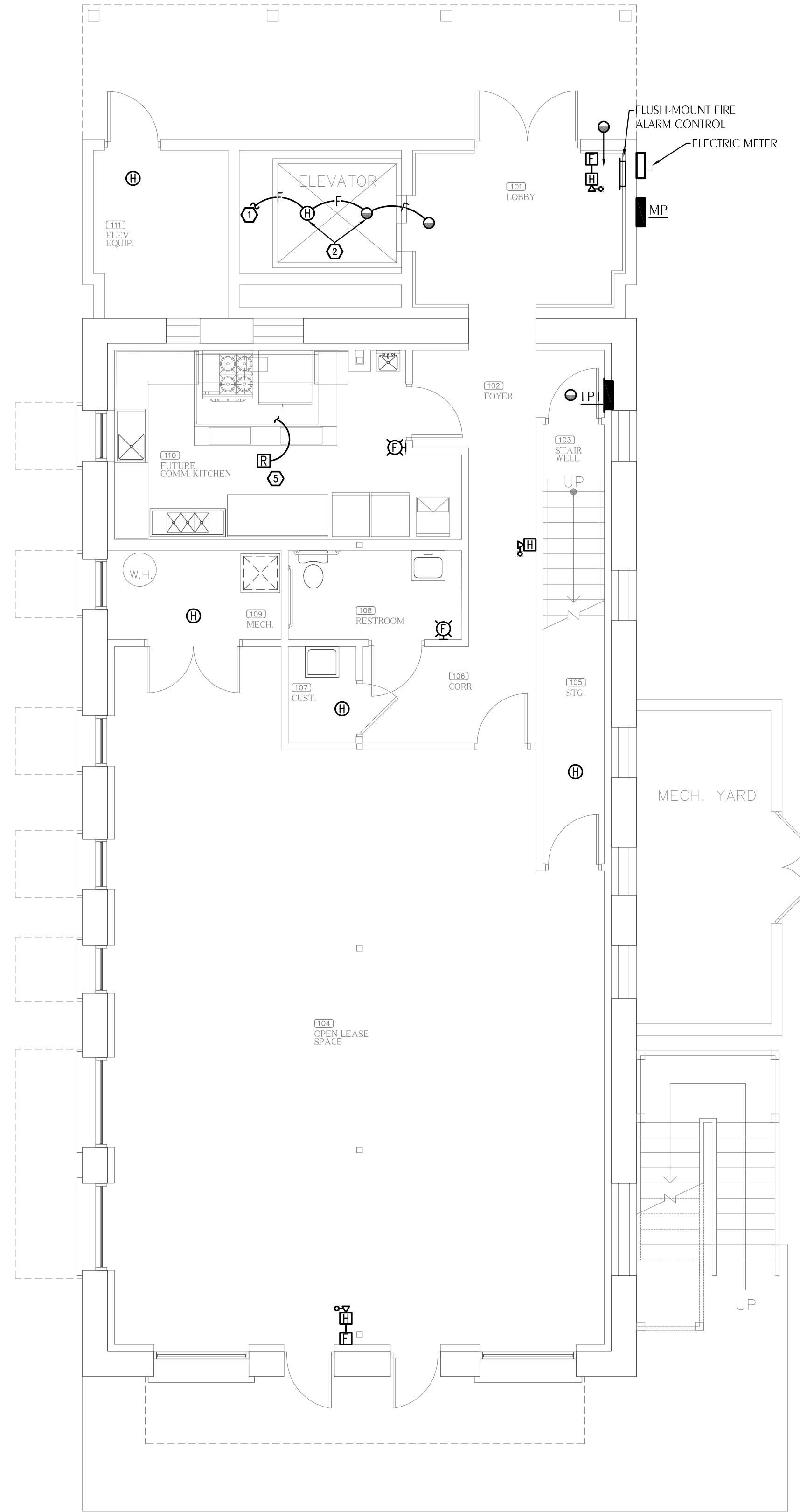
SHEET: ELECTRICAL LIGHTING PLAN
 TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: OCT. 11, 2024
 DRAWN BY: EMU
 CHECKED BY: ALD

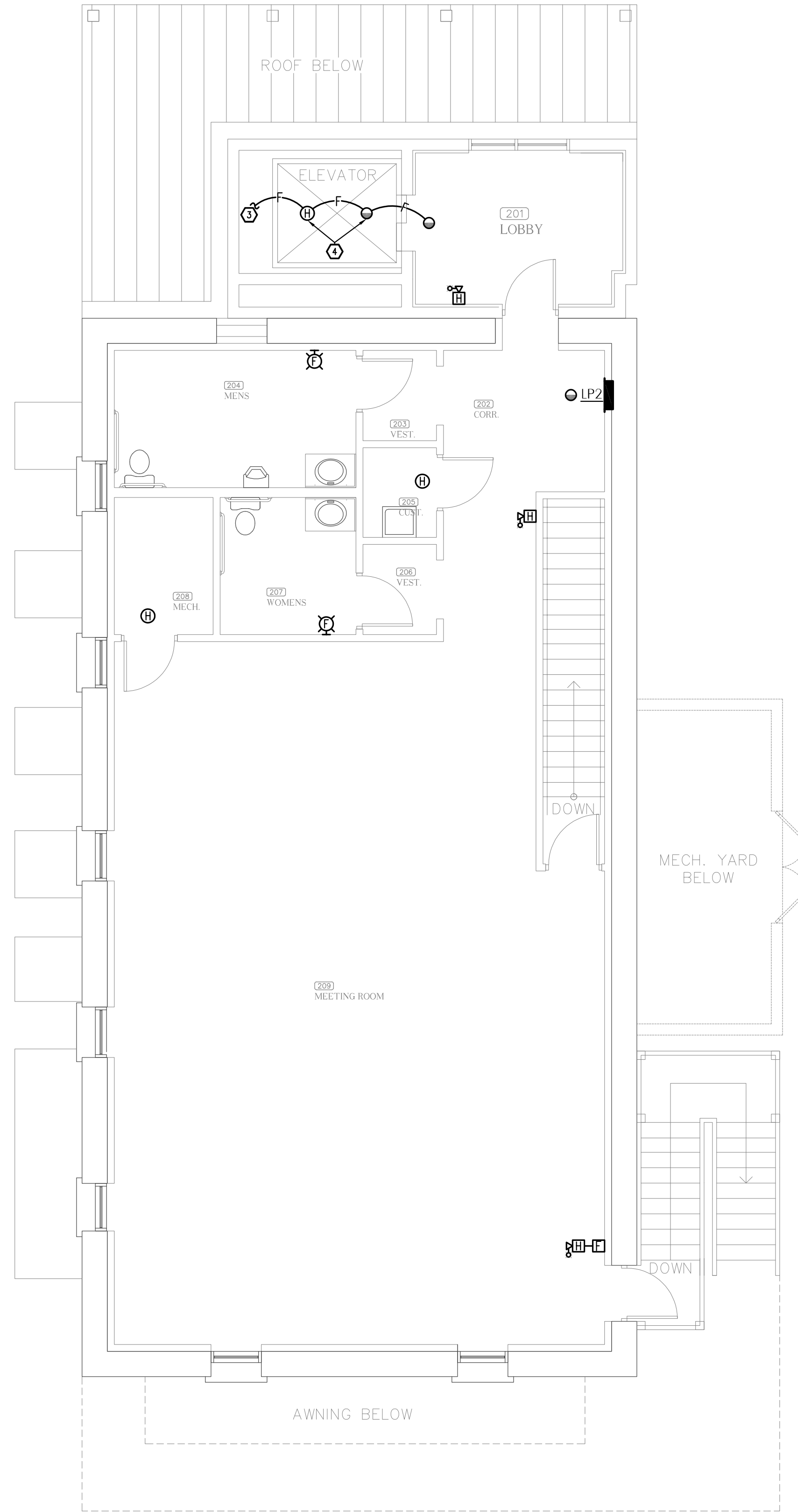
SHEET No.

E-2.1

WATFORD ENGINEERING
 4432 Cotton Street Marianna, Florida 32446
 311 N. College St. Office 1015 Auburn, AL 36830
 Florida CA Number: 27025
 Anthony L. Davis, P.E.
 Florida License Number: 57419
 850.526.3447
 Project Number: 2022-005
 Checked By: ALD
 Drawn By: EMU



1 FIRE ALARM PLAN - FIRST FLOOR
 SCALE: 3/16"=1'-0"



2 FIRE ALARM PLAN - SECOND FLOOR
 SCALE: 3/16"=1'-0"

SHEET NOTES

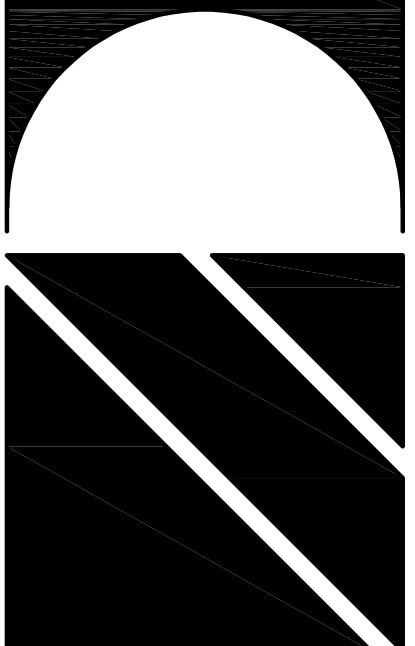
- ① CONNECT TO FIRE ALARM DEVICES LOCATED IN TOP OF SHAFT.
- ② DEVICES TO BE INSTALLED AT BOTTOM OF ELEVATOR SHAFT. COORDINATE EXACT LOCATION IN FIELD WITH EQUIPMENT INSTALLER.
- ③ CONNECT TO FIRE ALARM DEVICES LOCATED IN BOTTOM OF SHAFT.
- ④ DEVICES TO BE INSTALLED AT TOP OF ELEVATOR SHAFT. COORDINATE EXACT LOCATION IN FIELD WITH EQUIPMENT INSTALLER.
- ⑤ FURNISH/INSTALL REQUIRED RELAY FOR INTERCONNECTION OF HOOD SYSTEM WITH FIRE ALARM SYSTEM.

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR MODIFICATION WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS STRICTLY PROHIBITED.

DONOFRO ARCHITECTS

2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261

P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609



SHEET TITLE: FIRE ALARM PLAN
 RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: OCT. 11, 2024
 DRAWN BY: EMU
 CHECKED BY: ALD

SHEET No.

E-3.1

WATFORD ENGINEERING
 Florida CA Number: 27825
 Anthony L. Davis, P.E.
 Florida License Number: 57419
 850.526.3447
 Project Number: 2023-005
 Checked By: ALD
 Drawn By: EMU

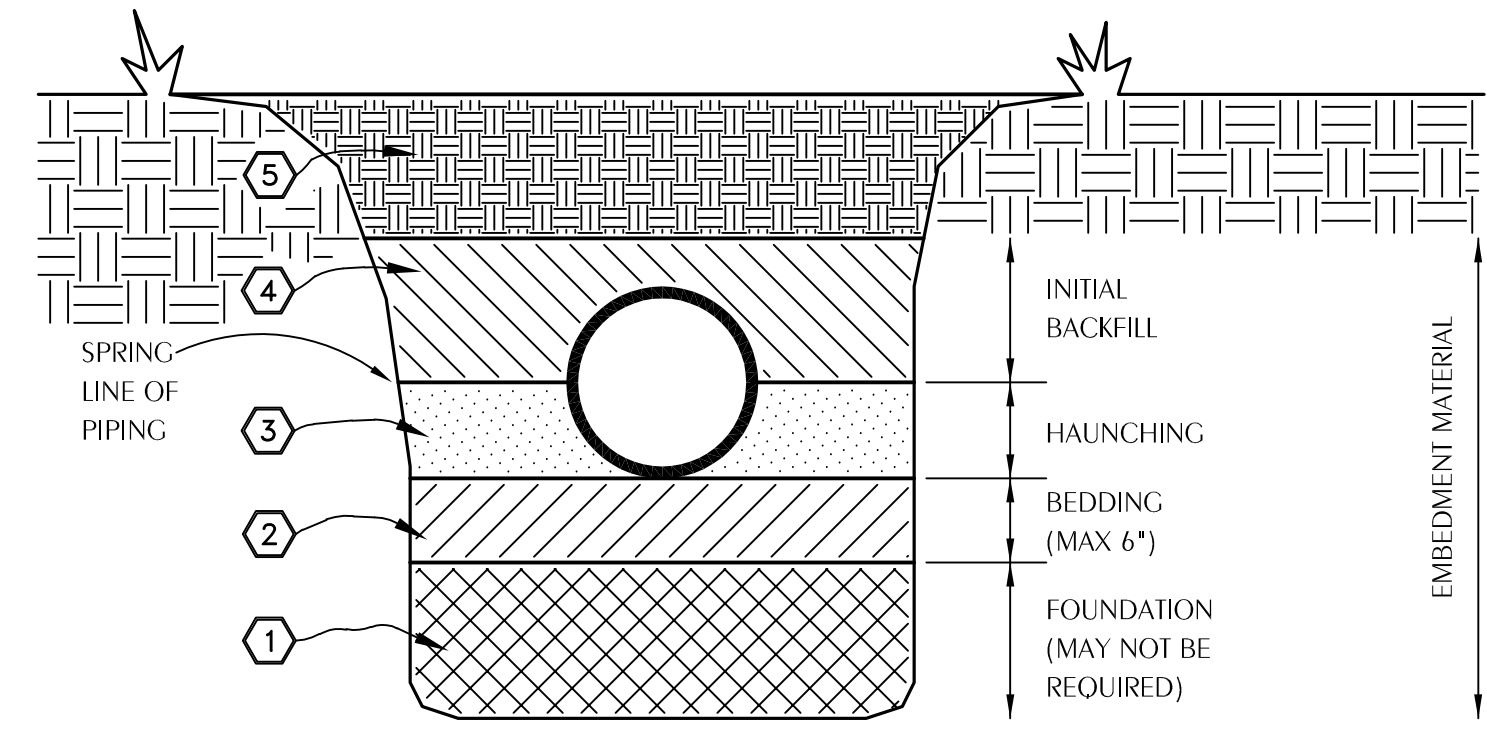
LEGEND

	S or W	SOIL OR WASTE PIPING
	V	VENT PIPING
	CW	COLD WATER SUPPLY PIPING
	HW	HOT WATER SUPPLY PIPING
	HWR	HOT WATER RETURN PIPING
	G	GAS PIPING
	CV	GATE VALVE
	CV	CHECK VALVE
	BV	BALL VALVE
	HB	HOSE BIBB
	WH	WALL HYDRANT
	CO	CLEANOUT TO FLOOR
	FD	FLOOR DRAIN
	COTS	CLEANOUT TO GRADE
	UNION	
	VTR	VENT THRU ROOF
	SHEET NOTE	
	POINT OF CONNECTION TO EXISTING	
	SOLENOID VALVE	
	MR	MOP RECEPTOR
	WC	WATER CLOSET
	TP	TRAP PRIMER
	EWH	ELECTRIC WATER HEATER
	WHA	WATER HAMMER ARRESTOR TYPE A
	WHB	WATER HAMMER ARRESTOR TYPE B
	WHC	WATER HAMMER ARRESTOR TYPE C
	L	LAVATORY
	UR	URINAL
	KW	KILOWATT
	TVC	TEMPERATURE CONTROL VALVE
	MS	MASTER SHUT OFF VALVE
	S	SWITCH
	WV	WET VENT
	CP	CIRCULATOR PUMP
	HD	2" HUB DRAIN WITH FLEXIBLE TRAP SEAL BY MIFAB OR EQUAL ABOVE CEILING UNLESS NOTED
	MV	MIXING VALVE
	EWC	ELECTRIC WATER COOLER
	UB	UTILITY BOX
	SH	SHOWER
	SK	SINK

GENERAL NOTES

- COORDINATE ALL PIPING WITH DUCTWORK SHOP DRAWINGS AND EXISTING CONDITIONS. ROUTE PIPING AS REQUIRED TO AVOID CONFLICTS.
- PRIOR TO START OF ANY WORK, COORDINATE SANITARY SEWER AND POTABLE WATER PIPING WITH CIVIL DRAWINGS.
- FIELD VERIFY PIPE INVERTS PRIOR TO LAYING OUT SANITARY SEWER PIPING.
- ALL PIPING PASSING THROUGH ANY WALL SHALL HAVE A SLEEVE PER SPECIFICATIONS.
- ALL PIPING PASSING THROUGH FIRE-RATED WALLS SHALL HAVE A FIRE-RATED SLEEVE PER SPECIFICATIONS. ALL PIPING PENETRATIONS THROUGH WALLS OR FLOORS SHALL BE SEALED TO EQUAL THE RATING OF THE WALLS OR FLOORS.
- ALL PIPING INDICATED IS ABOVE THE CEILING EXCEPT THE OBVIOUS SANITARY SOIL, WASTE, VENT AND POTABLE WATER PIPING BELOW FLOOR OR GRADE.
- SEE TOILET ROOM ELEVATIONS ON ARCHITECTURAL DRAWINGS FOR PLUMBING FIXTURE MOUNTING HEIGHT.
- COORDINATE EXACT LOCATION OF ALL EXTERIOR WALL HYDRANTS WITH ARCHITECTURAL DRAWINGS.
- UNDER SLAB SOIL, WASTE AND VENT PIPING PASSING TO UNDERSIDE OR THROUGH FOUNDATION FOOTING, WALL OR GRADE BEAM SHALL BE PROVIDED WITH A RELIEVING ARCH OR PIPE SLEEVE 2 (TWO) PIPE SIZES GREATER THAN PIPE SIZE INDICATED ON PLANS. COORDINATE FINAL PIPE ROUTING AND LAYOUT WITH STRUCTURAL DRAWINGS.
- PRIOR TO SUBSTANTIAL COMPLETION OF NEW AND ALTERED WORK AREAS, CONTRACTOR SHALL HAVE SANITARY PLUMBING SYSTEM CLEARED OF DEBRIS OR ANY MATTER THAT WOULD INTERFERE OR PREVENT ADEQUATE CONVEYANCE OF MATERIALS FROM MOVING THROUGH AND TERMINATING INTO BUILDING OR PUBLIC DISPOSAL FACILITIES.
- ALL (VTR'S) VENT THRU ROOF PENETRATIONS INDICATED ON PLANS ARE PRELIMINARY. FINAL LOCATIONS SHALL BE COORDINATED WITH ALL TRADES. ALL VTR'S SHALL BE A MINIMUM OF 10'-0" FROM ALL FRESH AIR INTAKE OPENINGS.
- ALL TRAP PRIMERS AND DOMESTIC WATER ISOLATION VALVES SHALL BE ACCESSIBLE. TRAP PRIMERS LOCATED IN THE VICINITY OF WATER CLOSETS SHALL BE ACTIVATED BY WATER CLOSET USAGE. ISOLATION VALVES SHALL BE OF THE QUARTER TURN BALL OR GATE TYPE.
- CONTRACTOR SHALL DEVELOP AND SUBMIT COORDINATION SHOP DRAWINGS WHICH IDENTIFY ROUTING OF PLUMBING PIPE AND LOCATION OF EQUIPMENT. SHOP DRAWINGS SHALL INDICATE COORDINATION WITH THE WORK OF OTHER TRADES.
- ALL WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE 8TH EDITION (2023) PLUMBING.

- A FOUNDATION MAY BE REQUIRED IN VERY POOR SOIL CONDITIONS.
 - BEDDING IS REQUIRED PRIMARILY TO BRING THE TRENCH BOTTOM UP TO GRADE. BEDDING MATERIALS SHALL PROVIDE A UNIFORM AND ADEQUATE LONGITUDINAL SUPPORT UNDER THE PIPE. IN DRY SOIL CONDITIONS, CLASS II OR III MATERIAL SHALL BE HAND PLACED IN 4'-6", LIGHTLY COMPACTED UNIFORM AND NOT FINER THAN THE FOUNDATION MATERIAL. IN WET CONDITIONS, CLASS I, II OR III MATERIAL SHALL BE HAND PLACED IN 4'-6", UNIFORM AND NOT FINER THAN THE FOUNDATION MATERIAL. WHEN UTILIZING CLASS I MATERIAL, SUFFICIENT AMOUNTS OF CLASS II OR III MATERIAL SHALL BE ADDED TO FILL ALL VOIDS CREATED BY THE USE OF CLASS I MATERIAL.
 - HAUNCHING MATERIAL SHALL BE HAND PLACED TO THE SPRINGLINE OF THE PIPE. CLASS II OR III MATERIAL SHALL BE CONSOLIDATED UNDER THE PIPE AND HAND TAMPED TO PROVIDE ADEQUATE SIDE SUPPORT.
 - INITIAL BACKFILL MATERIAL SHALL BE CLASS II OR III. IT SHALL BE PLACED WITHIN 24-30" ABOVE THE TOP OF THE PIPE AND TAMPED BY A PORTABLE VIBRATOR. FINAL BACKFILL MATERIAL MAY BE MACHINE PLACED. THE MATERIAL SHALL BE CLASS II OR III MATERIAL. CLASS IV MATERIAL MAY BE INSTALLED OUTSIDE OF ROADWAY.
 - FINAL BACKFILL UNDER ROADWAYS MAY REQUIRE SPECIAL COMPACTION AND DENSITY TESTS. A MINIMUM OF 30% OF COVER OVER THE TOP OF THE PIPE SHALL BE PROVIDED BEFORE THE TRENCH IS WHEEL-LOADED.
- NOTE:**
ALL EMBEDMENT MATERIALS SHALL BE NO LESS THAN 95% OF MAXIMUM DENSITY. LABORATORY TESTING OF THE SOIL WILL BE REQUIRED. THIS PROCEDURE SHALL BE REQUIRED ON ALL INSTALLATIONS. ALL TRENCHING, EXCAVATION, AND BACKFILLING SHALL BE IN ACCORDANCE WITH 2023 FLORIDA PLUMBING CODE.

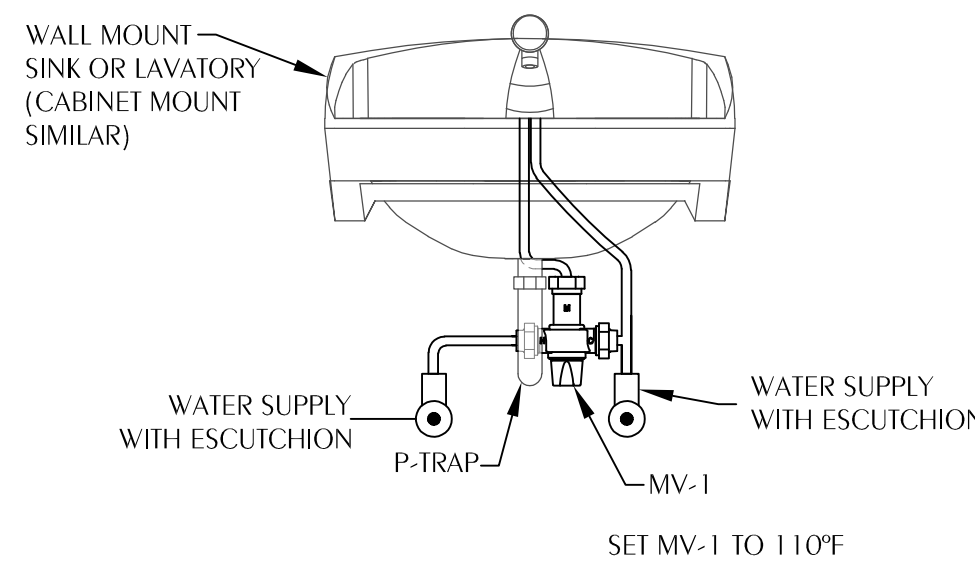


- EMBEDMENT MATERIALS**
- CLASS I: ANGULAR, 1/4"-1-1/2", GRADED STONE, INCLUDING A NUMBER OF FILL MATERIALS THAT HAVE REGIONAL SIGNIFICANCE SUCH AS CORAL, SLAG, CINDERS, CRUSHED STONE AND CRUSHED SHELLS.
 - CLASS II: COARSE SANDS AND GRAVELS WITH MAXIMUM PARTICLE SIZE OF 1-1/2" INCLUDING VARIOUS GRADED SANDS AND GRAVELS CONTAINING SMALL PERCENTAGES OF FINES, GENERALLY GRANULAR AND NON-COHESIVE, EITHER WET OR DRY. SOIL TYPES CW, GP, SW, AND SP ARE INCLUDED IN THIS CLASS.
 - CLASS III: FINE SAND AND CLAY GRAVELS, INCLUDING FINE SANDS, SAND-CLAY MIXTURES AND GRAVEL-CLAY MIXTURES. SOIL TYPES GM, GC, SM, AND SC ARE INCLUDED IN THIS CLASS.
 - CLASS IV: SILT, SILTY CLAYS, AND CLAYS, INCLUDING INORGANIC CLAYS AND SILT OF MEDIUM TO HIGH PLASTICITY AND LIQUID LIMITS. SOIL TYPES MH, ML, CH, AND CL ARE INCLUDED IN THIS CLASS. THESE MATERIALS ARE NOT TO BE USED FOR BEDDING, HAUNCHING, OR INITIAL BACKFILL.
 - CLASS V: THIS CLASS INCLUDES THE ORGANIC SOILS, AS WELL AS SOILS CONTAINING FROZEN EARTH, DEBRIS, ROCKS LARGER THAN 1-1/2" IN DIAMETER AND OTHER FOREIGN MATERIALS. THESE MATERIALS ARE NOT TO BE USED FOR BEDDING, HAUNCHING, OR INITIAL BACKFILL.

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	PIPE SIZES-INCHES		
		CW	HW	W
WC-1	WATER CLOSET	1/2	-	4
L-1	LAVATORY	3/8	3/8	1-1/4
L-2	LAVATORY	3/8	3/8	1-1/4
UR-1	URINAL	3/4	-	2
SK-1	ONE COMPARTMENT SINK (FURNISHED BY OTHER)	3/8	3/8	1-1/2
SK-2	THREE COMPARTMENT SINK (FURNISHED BY OTHER)	3/8	3/8	1-1/2(3)
HS-1	HAND SINK (FURNISHED BY OTHER)	3/8	3/8	1-1/2
SS-1	SERVICE SINK	1/2	1/2	3
MR-1	MOP RECEPTOR	1/2	1/2	3
MV-1	WATER MIXING VALVE	1/2	1/2	-
FD	FLOOR DRAIN	-	-	3
FS-1	FLOOR SINK	-	-	3
EWH-1	ELECTRIC WATER HEATER	3/4	3/4	-
CP-1	CIRCULATOR PUMP (INLINE)	-	3/4 FLANGE	-
TVC-1	TEMPERATURE CONTROL VALVE	-	1/2	-
TP-1	TRAP PRIMER	-	-	-
UB-1	RECESSED UTILITY WALL BOX (ICE MAKER HOOK-UP)	3/8	-	-
SP-1	SUMP PUMP	-	-	1-1/2
OAD-1	OIL ALERT DEVICE	-	-	-

- WATER SUPPLY TAPPING TO EACH PLUMBING FIXTURE SHALL BE FULL SIZE (MINIMUM).
- SEE ELECTRICAL DWGS FOR FINAL POWER REQUIREMENTS.
- PROVIDE WATER HAMMER ARRESTERS ON HOT & COLD WATER SUPPLY BRANCHES SERVING SINGULAR, MULTIPLE OR GROUPS OF PLUMBING FIXTURES. ADHERENCE TO THE PLUMBING AND DRAINAGE INSTITUTE STANDARD P.D.I.-WH201 (PER SPECIFICATIONS) SHALL BE EMPLOYED IN DETERMINING PROPER SIZE, SELECTION, PLACEMENT, LOCATION AND INSTALLATION OF ARRESTERS.

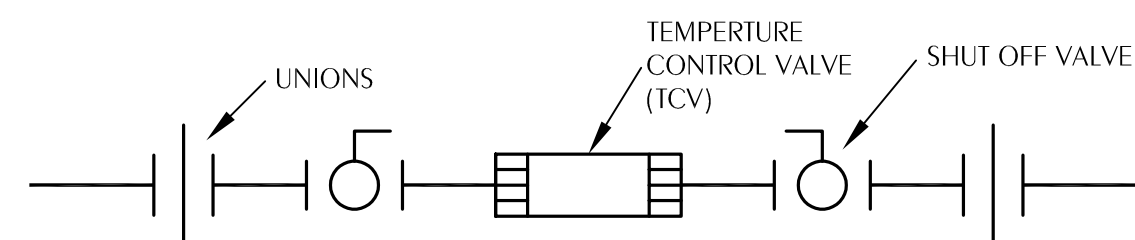


5 LAV/SINK MIXING VALVE DETAIL

P-0.1 SCALE: NONE
NOTE: MIXING VALVE WILL BE TYPICAL FOR L-1, L-2, HS-1

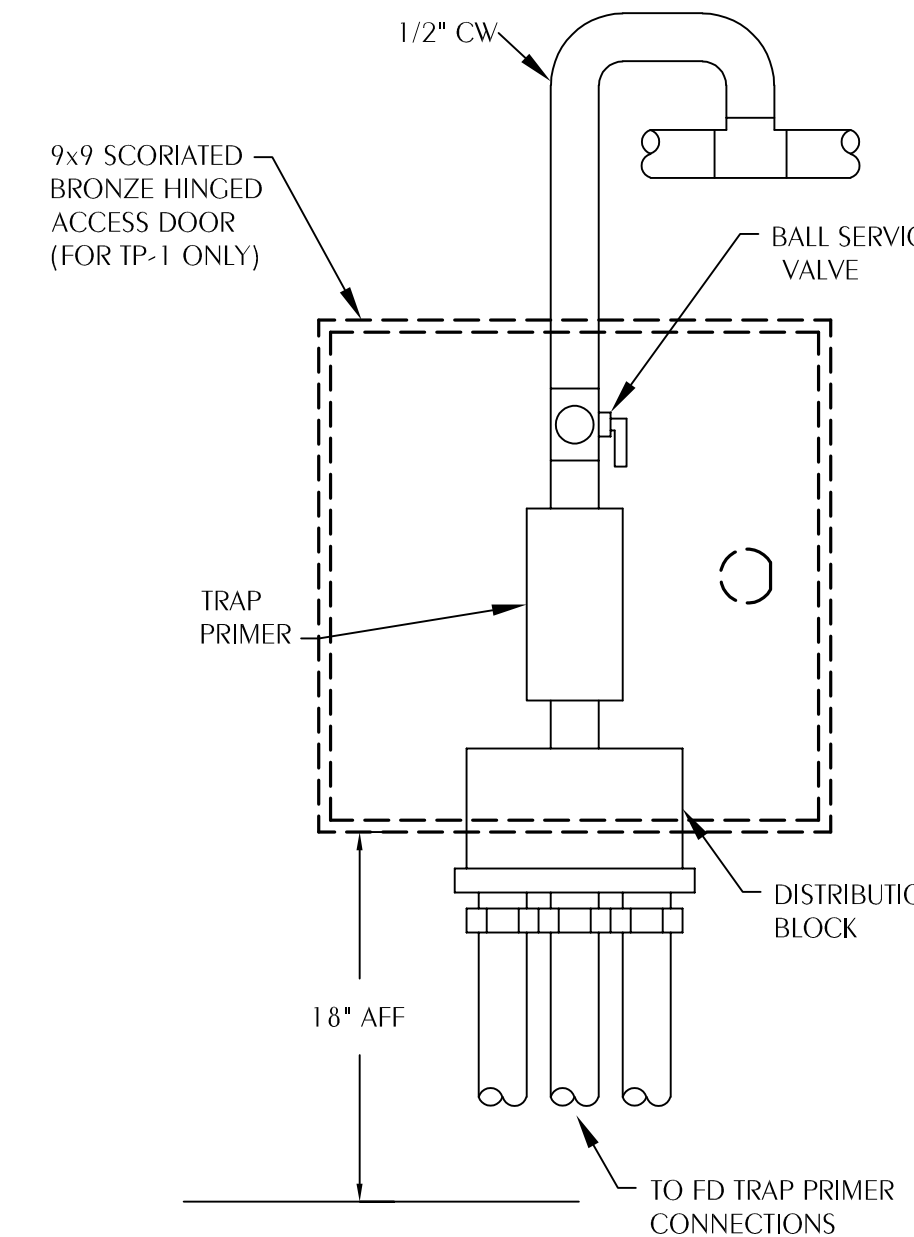
6 THERMOSTATIC TEMPERATURE CONTROL VALVE DETAIL

P-0.1 SCALE: NONE



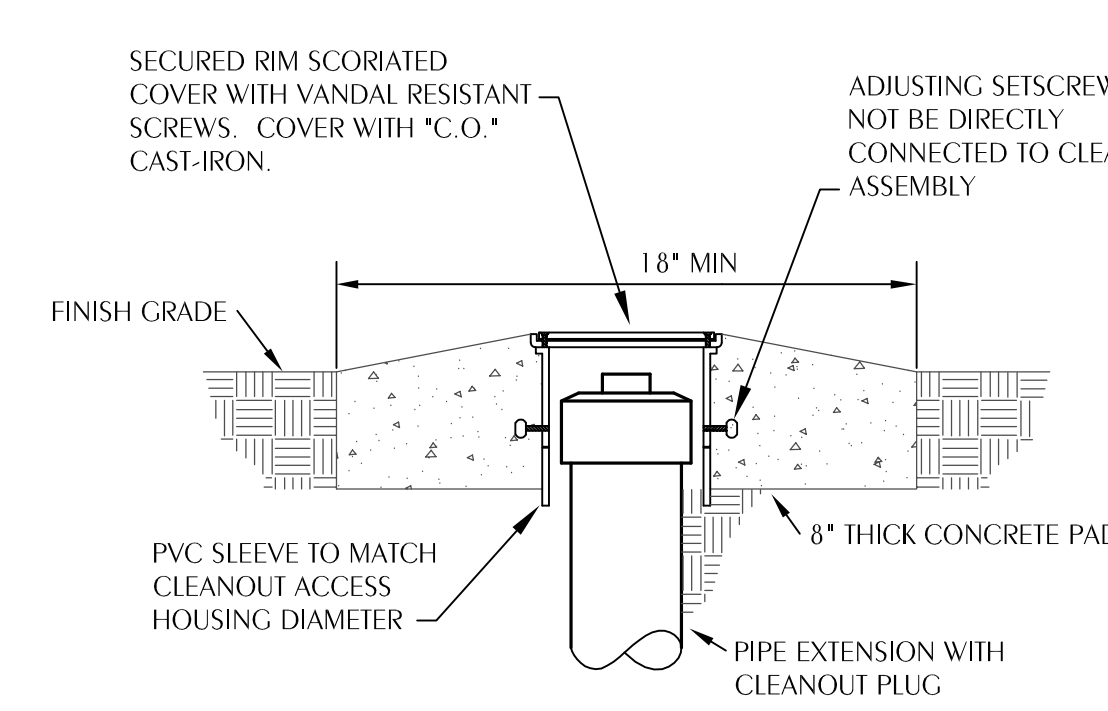
2 TRAP PRIMER DETAIL

P-0.1 SCALE: NONE



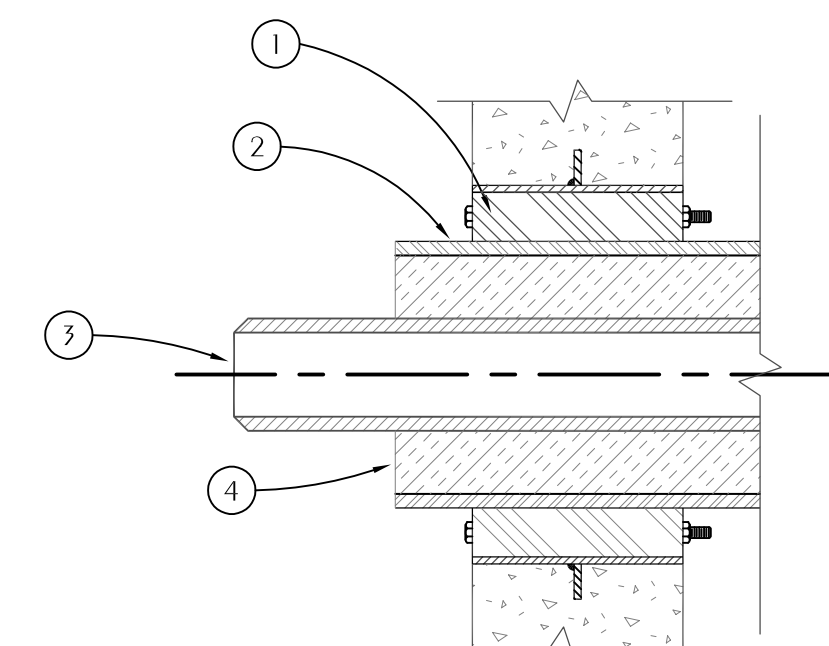
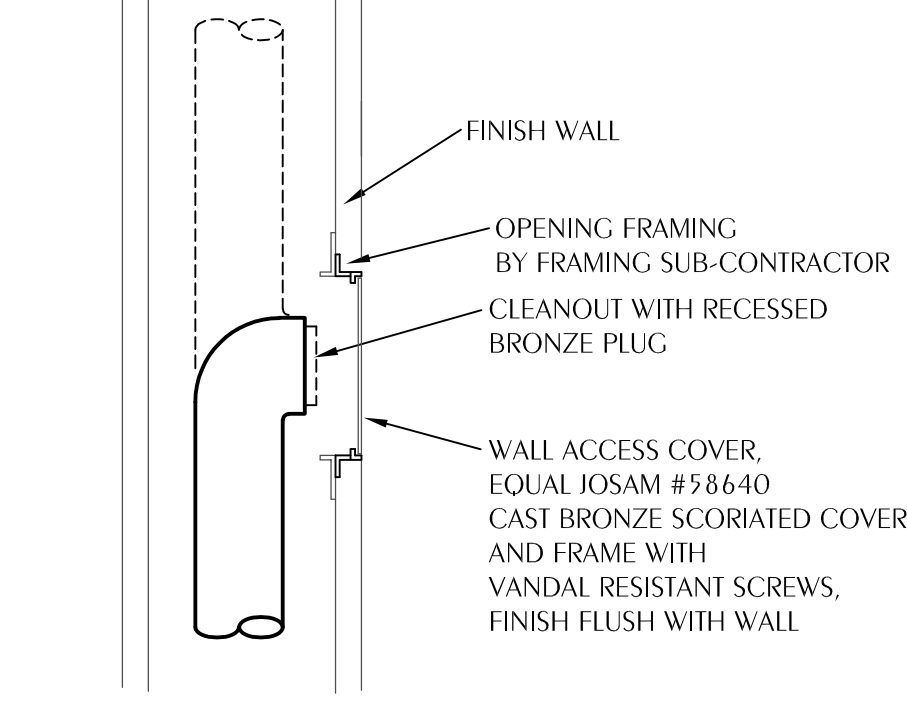
3 CLEANOUT TO GRADE

P-0.1 SCALE: NONE



4 CLEANOUT TO WALL

P-0.1 SCALE: NONE

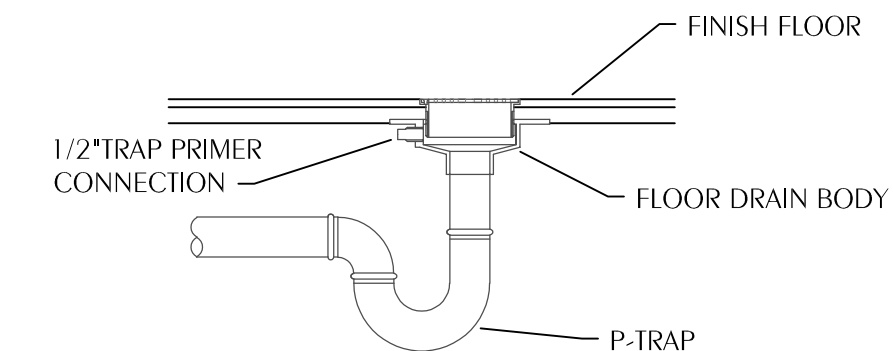


7 TYPICAL PIPE PENETRATION OF WALL

P-0.1 SCALE: NONE

8 FLOOR DRAIN WITH TRAP PRIMER DETAIL

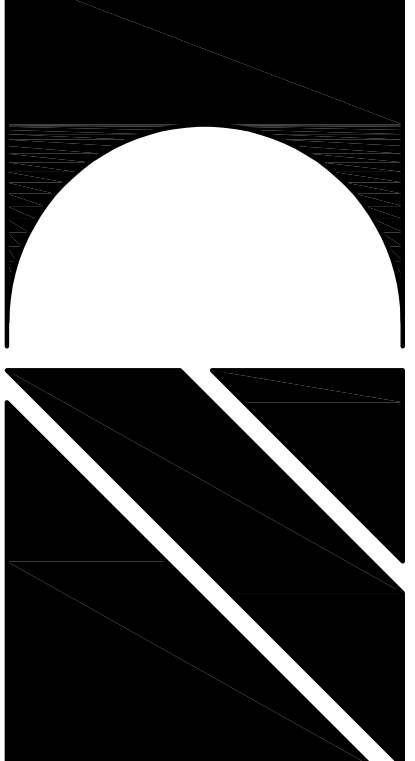
P-0.1 SCALE: NONE



THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS PROHIBITED. ANY SUCH VIOLATION SHALL BE SUBJECT TO LEGAL ACTION.

DONOFRO ARCHITECTS

DONOFRO ARCHITECTS
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261
P.O. BOX 861
MARIANNA, FL 32447
FAX: (850) 482-8609



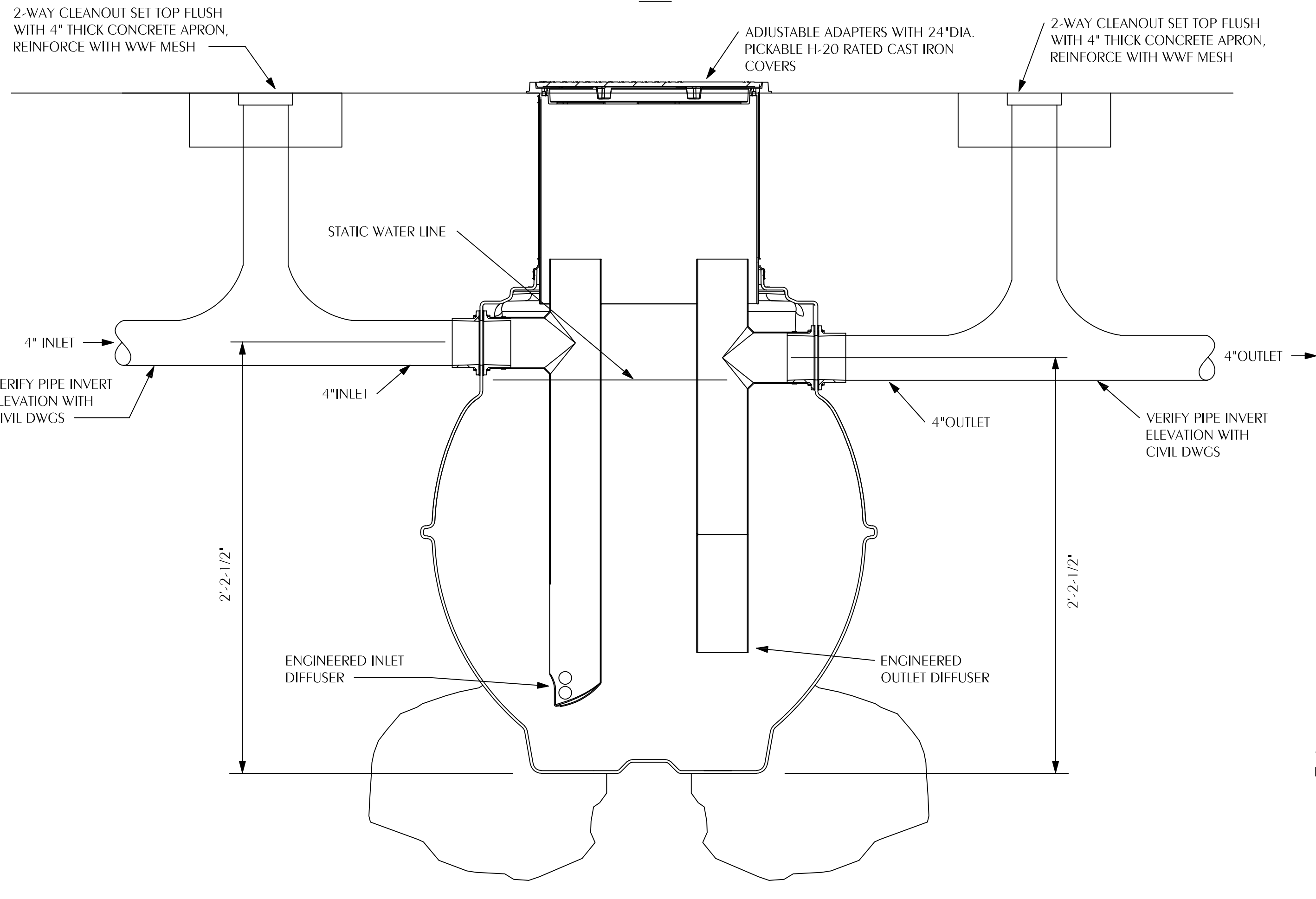
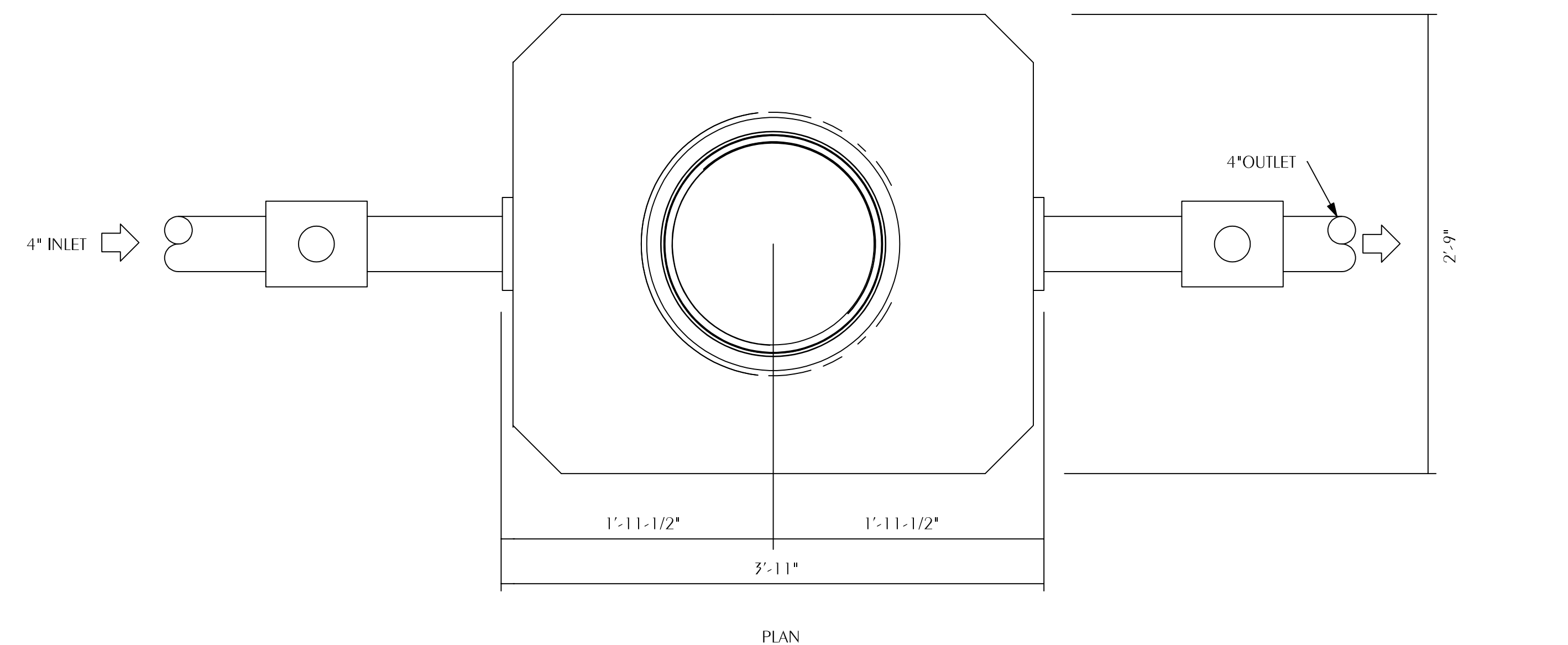
SHEET PLUMBING LEGEND, SCHEDULE, NOTES, AND DETAILS
RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: OCT. 11, 2024
DRAWN BY: JDD
CHECKED BY: KAJ

SHEET No.

P-0.1

WATFORD ENGINEERING
4432 Clinton Street Marianna, Florida 32446
311 N. College St. Office 1015 Auburn, AL 36830
Florida CA Number: 27025
Keith A. Johnson, PE
Florida License Number: 86457
850.526.3447
Project Number: 2022005



NOMINAL CAPACITY 65 GAL./439 LBS

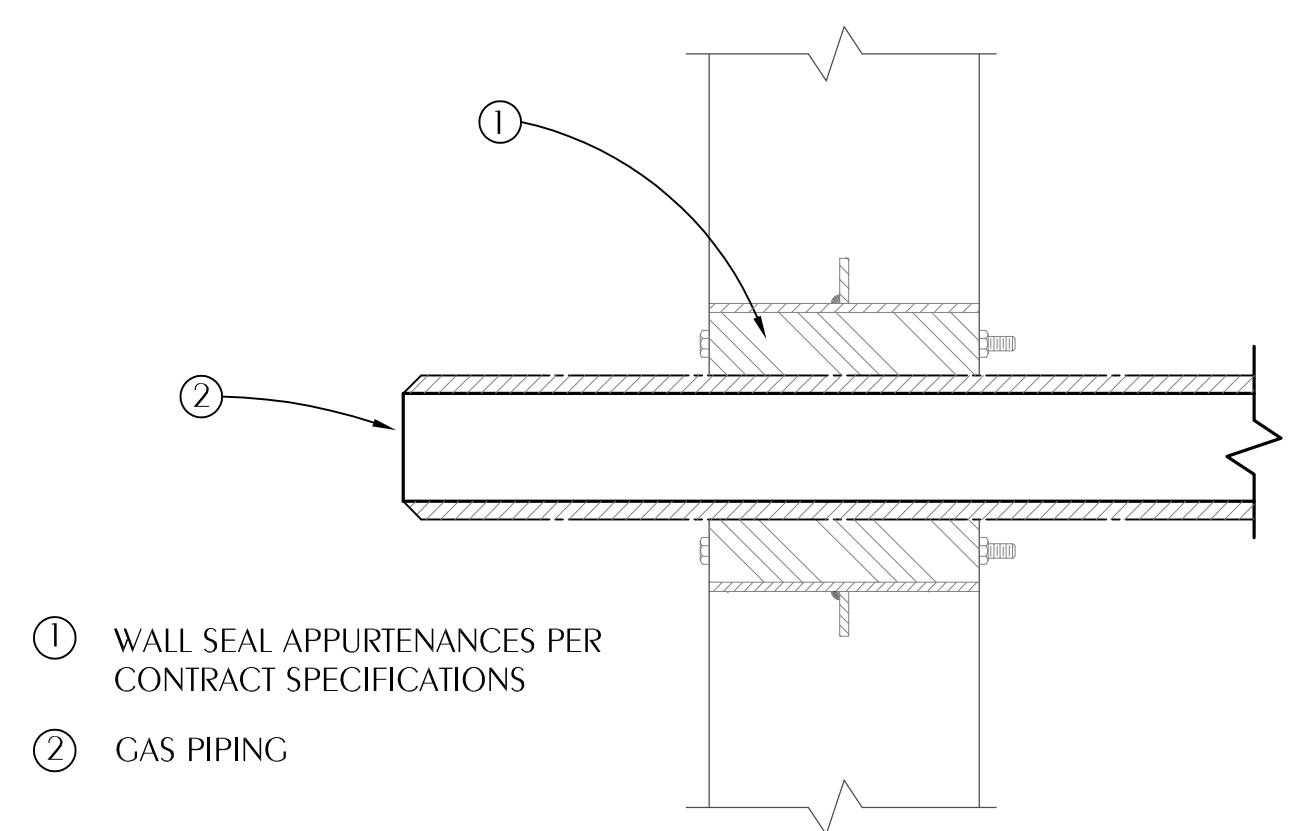
SCALE: NONE (ONE HYDROMECHANICAL TANK REQUIRED WITH 439 LBS GREASE CAPACITY @ 50 GPM)

NOTE: DRAWING IS DIAGRMMATIC IN NATURE. SEE FLOOR PLAN SHEET FOR INLET AND OUTLET LOCATIONS AND GREASE TRAP CONFIGURATION.

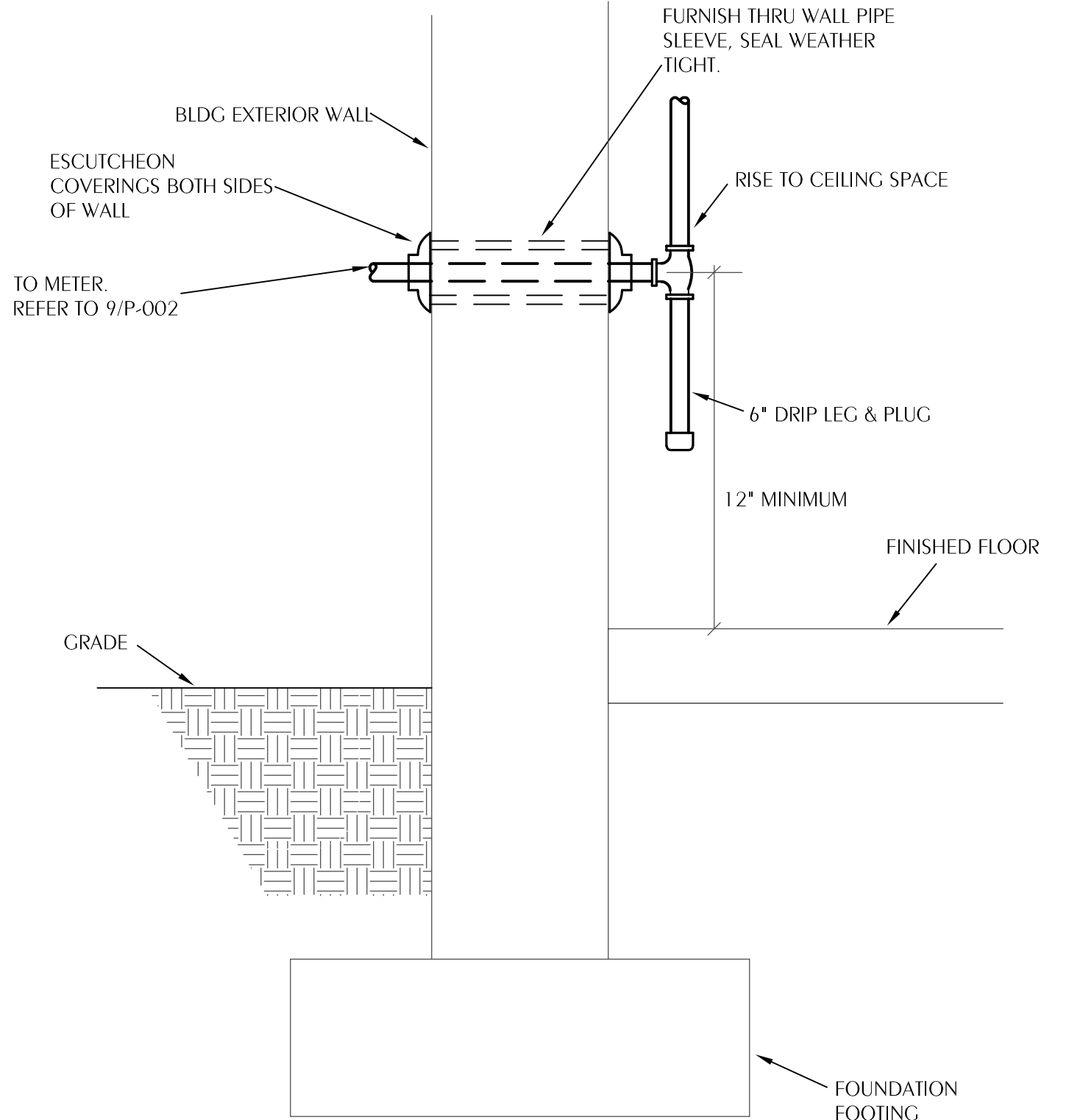
GREASE INTERCEPTOR NOTES (PRELIMINARY SIZING)
 NUMBER OF MEALS x GALLONS OF WASTE PER MEAL (GM) x LOADING FACTOR (1.0 WITH DISHWASHER) = INTERCEPTOR GALLON CAPACITY
 1) NUMBER OF MEALS = 100
 2) GALLONS WASTE PER MEAL = 5
 3) LOADING FACTOR = 0.75
 4) 1 GALLON OF GREASE PER 8 GALLONS OF WATER
 5) 1 GALLON OF GREASE WEIGHS 7.5 POUNDS

CALCULATION:
 $100 \times 5 \times 0.75 \times 7.5/8 = 352$ POUNDS GREASE MINIMUM
 SELECTION: SCHIER GB-50, 439 LBS GREASE CAPACITY.

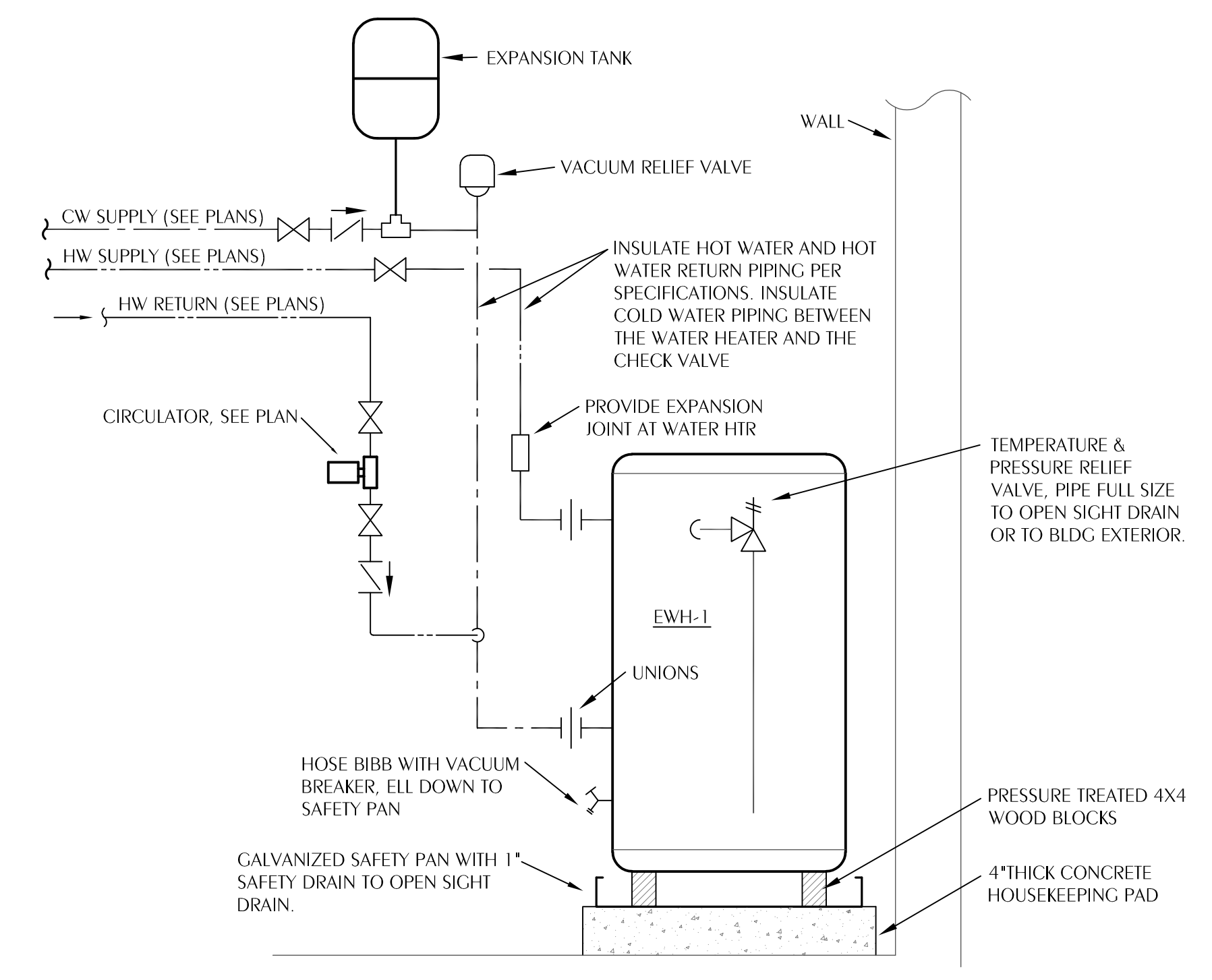
1 GREASE TRAP DETAIL
 P-0.2 SCALE: NONE



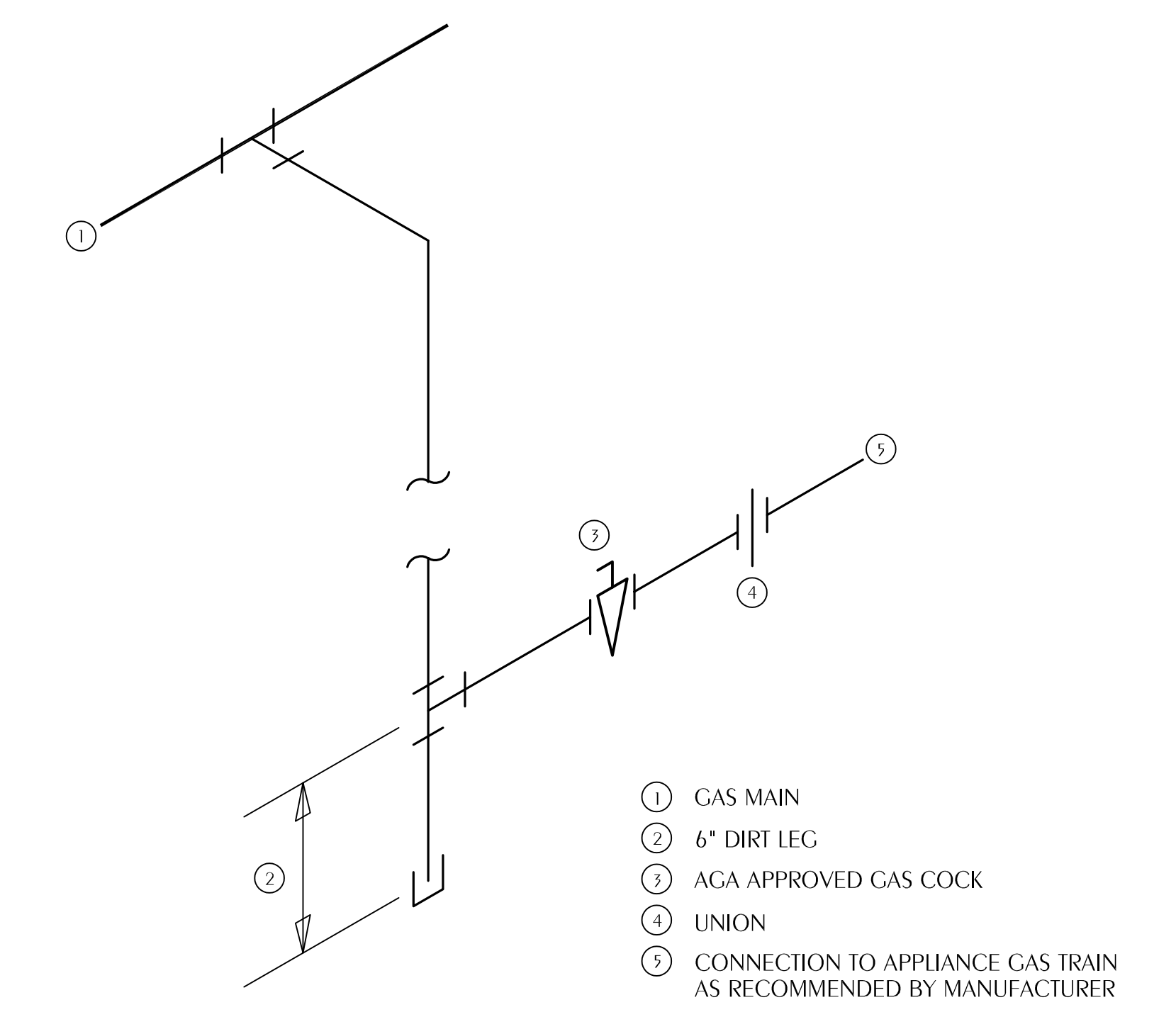
2 TYPICAL GAS PIPE WALL PENETRATION DETAIL
 P-0.2 SCALE: NONE



4 TYPICAL GAS SERVICE ENTRANCE @ BLDG. EXTERIOR
 P-0.2 SCALE: NONE



3 TYPICAL WATER HEATER PIPING DIAGRAM
 P-0.2 SCALE: NONE



5 TYPICAL GAS PIPING CONNECTION DETAIL
 P-0.2 SCALE: NONE

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS STRICTLY PROHIBITED. SUBJECT TO SEPARATE ACTION.

DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32447
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

SHEET PLUMBING DETAILS
 TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: OCT. 11, 2024
 DRAWN BY: JDD
 CHECKED BY: KAJ

SHEET No.
P-0.2

WATFORD ENGINEERING
 4432 Clinton Street/Marianna, Florida 32418
 311 N. College St. Office 1015 Auburn, AL 36830
 Florida CA Number: 27025
 Keith A. Johnson, P.E.
 Florida License Number: 86457
 850.526.3447
 Project Number: 2022-015

PLUMBING SPECIFICATIONS

WC-1 WATER CLOSET, FLOOR MOUNT (HANDICAP, TANK TYPE):

VITREOUS CHINA LOW CONSUMPTION 1.28 GPF, ELONGATED, 16-3/4" TO RIM, SIPHON JET ACTION, CLOSED-COUPLED TANK, COMPLETE WITH FLOAT VALVE, VALVE AND CHROME PLATED TRIP LEVER, BOLT CAPS, COLOR "WHITE", CHROME PLATED SOLID BRASS ANGLE STOP WITH FLEXIBLE CHROME PLATED COPPER RISER, HEAVY MOLDED PLASTIC, WHITE, ELONGATED, OPEN FRONT SEAT LESS COVER, WITH STAINLESS STEEL, SELF-SUSTAINING CHECK HINGES.

WATER CLOSET ZURN Z5555-K-HET
 SUPPLY W/STOP ZURN Z8800CR1K-PC
 SEAT ZURN Z59555-EL-SIS
 CLOSET BOLT/WAX RING KIT ZURN Z5972-COMB

L-1 LAVATORY, WALL MOUNT (HANDICAP):

VITREOUS CHINA 20" X 18", COLOR "WHITE", CENTER HOLE SETTING, FRONT OVERFLOW, FOR CONCEALED ARM SUPPORT. FURNISH WALL MOUNTED DURA-COATED SUPPORT PLATES WITH ARM SLEEVES, CONCEALED ARMS, AND MOUNTING FASTENERS, CONFORMING TO FEDERAL SPEC. FF-5-325. PROVIDE CHROME PLATED ANGLE STOP TO WALL WITH CHROME PLATED 3/8" FLEXIBLE SUPPLY AND LOOSE KEY OPERATOR, INTEGRAL PERFORATED CAST BRASS STRAINER WITH ELBOW AND 1-1/4" OFFSET TAILPIECE, CHROME PLATED 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT AND TUBE WASTE TO WALL, POLISHED CHROME PLATED CAST BRASS SINGLE WATER FAUCET WITH 0.5 GPM AERATOR OUTLET AND SINGLE LEVER HANDLE. LAVATORY P-TRAP AND ANGLE STOP VALVE ASSEMBLY AND RISERS SHALL BE INSULATED WITH A WHITE FULLY MOLDED EVA FOAM TUBULAR COVER. COVERS SHALL JOIN USING SECURE FIT HOOK AND LOOP CONNECTION. LAVATORY SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 28" FROM FLOOR TO BOTTOM OF THE APRON, KNEE AND TOE CLEARANCES SHALL BE AS FOLLOWS. 27" CLEAR HEIGHT SHALL BE PROVIDED FROM FINISHED FLOOR TO A POINT ON UNDERSIDE OF BOWL 8" IN FROM FRONT APRON. TOE CLEARANCE SHALL BE A MINIMUM HEIGHT OF 9" UNDER P-TRAP AND SUPPLIES OR STOPS. SEE ARCHITECTURAL DRAWINGS FOR FINAL MOUNTING HEIGHT. UNDER SINK 3/8" COMPRESSION FITTING MIXING VALVE, BRONZE BODY, LIMITS HOT WATER BETWEEN 80°F & 120°F, DUAL CHECK VALVES, 40 MESH STAINLESS STEEL STRAINER, TAMPER RESISTANT LOCKING CAP. MEETS ASSE 1070 STANDARDS.

LAVATORY ZURN Z5341
 FAUCET ZURN Z-82200-3M
 SUPPLY W/STOP ZURN Z8800LR1K-PC
 P-TRAP ZURN Z8700-PC
 STRAINER/TAILPIECE ZURN Z8746
 INSULATION KIT DEARBORN ADA100
 AERATOR ZURN -3M
 CARRIER ZURN Z-1254
 BASE ANCHORAGE B-LINE ANCHORS AWA-50-375
 MIXING VALVE WATTS LFUSG-B

L-2 LAVATORY, COUNTERTOP (HANDICAP):

VITREOUS CHINA 20" X 17", OVAL, COLOR "WHITE", CENTER HOLE SETTING, FRONT OVERFLOW. PROVIDE CHROME PLATED 1/2" IPS X 3/8" O.D., LOOSE KEY OPERATED, ANGLE STOP TO WALL WITH CHROME PLATED 3/8" FLEXIBLE COPPER RISERS, INTEGRAL PERFORATED CAST BRASS STRAINER WITH ELBOW AND 1-1/4" OFFSET TAILPIECE, CHROME PLATED 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT AND TUBE WASTE TO WALL. POLISHED CHROME PLATED CAST BRASS SINGLE LEVER FAUCET WITH COVER PLATE, NON-AERATED LAMINAR SPRAY, 0.5 GPM. PROVIDE MIXING VALVE.

LAVATORY ZURN Z5111
 FAUCET ZURN Z-81000-XL-3M
 SUPPLY W/STOP ZURN Z8802LR1K-PC
 P-TRAP ZURN Z8700-PC
 STRAINER/TAILPIECE ZURN Z8746
 CARRIER ZURN Z-1251
 BASE ANCHORAGE B-LINE ANCHORS AWA-50-375
 MIXING VALVE MV-1

UR-1 URINAL, WALL-MOUNT (HANDICAP, MANUAL VALVE):

VITREOUS CHINA, 0.5 GALLONS PER FLUSH, SIPHON JET FLUSH, 3/4" TOP SPUD, AND 2" OUTLET URINAL. EXPOSED CHROME PLATED FLUSH VALVE WITH SCREWDRIVER STOP, VACUUM BREAKER AND QUIET FLUSH FEATURE. MOUNT TO SATISFY ADA REQUIREMENTS, COORDINATE WITH ARCHITECTURAL DRAWINGS (TOILET ROOM ELEVATIONS) FOR FINAL MOUNTING HEIGHT. FURNISH FLOOR MOUNTED SINGLE CARRIER WITH HANGER PLATE, BEARING PLATE, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS AND BLOCK BASES. SECURE BASE TO FLOOR FOR RIGID CONNECTION WITH 1/2" X 3-3/4" THREADED ZINC PLATED STEEL HEAVY DUTY WEDGE ANCHORS, COMPLETE WITH STAINLESS STEEL CLIP, WASHER AND THREADED NUT, CONFORMING TO FEDERAL SPEC. FF-5-325.

URINAL ZURN Z5738-U
 VALVE ZURN Z6003AV
 URINAL FLANGE KIT ZURN Z5976-URINAL
 CARRIER ZURN Z-1222
 BASE ANCHORAGE B-LINE ANCHORS AWA-50-375

SK-1 ONE COMPARTMENT STAINLESS STEEL SINK (OF):

INSTALL SINK AND ACCESSORIES FURNISHED BY OTHERS. PROVIDE 1-1/2" INDIRECT WASTE TO FLOOR SINK, CHROME PLATED BRASS ANGLE STOP VALVES WITH 3/8" CHROME PLATED FLEXIBLE COPPER HOT AND COLD WATER SUPPLIES.

SINK (OF) FURNISHED BY OTHERS, CONTRACTOR INSTALLED
 FAUCET (OF) FURNISHED BY OTHERS, CONTRACTOR INSTALLED
 DRAIN (OF) FURNISHED BY OTHERS, CONTRACTOR INSTALLED
 SUPPLIES ZURN Z-8802-LR1K

SK-2 THREE COMPARTMENT STAINLESS STEEL SINK (OF):

INSTALL SINK AND ACCESSORIES FURNISHED BY OTHERS. PROVIDE 1-1/2" INDIRECT WASTE TO FLOOR SINK FOR EACH BASIN, CHROME PLATED BRASS ANGLE STOP VALVES WITH 3/8" CHROME PLATED FLEXIBLE COPPER HOT AND COLD WATER SUPPLIES.

SINK (OF) FURNISHED BY OTHERS, CONTRACTOR INSTALLED
 FAUCET (OF) FURNISHED BY OTHERS, CONTRACTOR INSTALLED
 DRAIN (OF) FURNISHED BY OTHERS, CONTRACTOR INSTALLED
 SUPPLIES ZURN Z-8802-LR1K

HS-1 STAINLESS STEEL HANDWASHING SINK (HANDICAP):

INSTALL SINK AND ACCESSORIES FURNISHED BY OTHERS.

SINK (OF) FURNISHED BY OTHERS, CONTRACTOR INSTALLED
 FAUCET (OF) FURNISHED BY OTHERS, CONTRACTOR INSTALLED
 DRAIN (OF) FURNISHED BY OTHERS, CONTRACTOR INSTALLED
 P-TRAP ZURN Z-8702 PC
 SUPPLY ZURN Z-8800-LR-1K

SS-1 SERVICE SINK (WALL MOUNT):

22-1/4" X 18-1/4" CAST IRON, ACID RESISTANT SERVICE SINK WITH BACK WALL HANGER, ROUGH CHROME PLATED FAUCET WITH TOP BRACE, ON 8" CENTERS, BUCKET HOOK, VACUUM BREAKER, STOPS AND HOSE END, 3" OUTLET DRAIN WITH STRAINER TO WALL ARE INSIDE WITH FOOT SUPPORT. 3" P-TRAP WITH CLEANOUT TO WALL INSIDE WITH FOOT SUPPORT.

SINK KOHLER K-6714
 FAUCET KOHLER K-8905 RP
 HANGERS 64515
 P-TRAP ZURN TS-2900

MR-1 MOP RECEPTOR (FLOOR TYPE):

24" X 24" X 12" DEEP, FLOOR MOUNT, TERRAZZO WITH 20 GAUGE STAINLESS STEEL INTEGRAL CAST CAP, 3" CAST BRASS OUTLET DRAIN WITH STAINLESS STEEL STRAINER. ROUGH CHROME PLATED 8" FAUCET WITH TOP BRACE, STRAIGHT LEVER HANDLES, SWIVEL INLETS, BUCKET HOOK, VACUUM BREAKER, STOPS AND HOSE END, CHROME PLATED LOOSE KEY ANGLE STOP TO WALL WITH 3/8" CHROME PLATED FLEXIBLE HOT AND COLD WATER SUPPLIES.

SINK ACORN TSH24
 FAUCET ZURN Z843 M1 RC
 SUPPLY ZURN Z8800-LR1K

EWH-1 ELECTRIC WATER HEATER:

ASHRAE STANDARD 90, GLASS LINED TANK SUITABLE FOR 150 PSI WORKING PRESSURE, 300-PSI TEST. FINISH OF DURABLE HIGH GLOSS BAKED ENAMEL. BLANKET GLASS FIBER INSULATION OVER ENTIRE TANK. CONTROL CIRCUIT TRANSFORMER AND MANUAL RESET HIGH TEMPERATURE LIMIT CONTROL. ASME PRESSURE AND TEMPERATURE RELIEF VALVE. WATER HEATER SHALL BE ACCEPTABLE FOR COMMERCIAL APPLICATION BY MANUFACTURER. PROVIDE 3 YEAR WARRANTY, SNAP ACTION AUTOMATIC IMMERSION MOUNTED THERMOSTATS, IMMERSION TYPE HEATING ELEMENTS AND MAGNESIUM ANODE ROD. PROVIDE UNIT MOUNTED DISCONNECT SWITCH. PROVIDE INLET AND OUTLET SHUT-OFF VALVES, VACUUM RELIEF VALVE ON INLET WATER SUPPLY. PROVIDE GALVANIZED STEEL DRIP PAN. PROVIDE PRE-CHARGED EXPANSION TANK. OUTER STEEL SHELL (FLEXIBLE DIAPHRAGM TYPE), ON COLD WATER INLET SIDE OF WATER HEATER FOR THERMAL EXPANSION CONTROL. TANK VOLUME IN GALLONS SHALL BE OF SUFFICIENT SIZE TO ACCOMMODATE WATER HEATER SIZE IN GALLONS. 50 GAL, 9 KW, 240V/1 PHASE. TWO 4.5 KW ELEMENTS WIRED FOR SIMULTANEOUS OPERATION.

WATER HEATER A. O. SMITH DEN-40
 VACUUM RELIEF WATTS 76A
 EXPANSION TANK AMTROL "THERM-X-TROL"

CP-1 CIRCULATOR PUMP (INLINE TYPE):

INFINITELY VARIABLE CIRCULATOR MADE OF COMPOSITE CASING, HOUSING, IMPELLER, CERAMIC SHAFT, AND CARBON BEARINGS. A 44 WATT ECM PERMANENT MAGNET MOTOR AND ELECTRICAL CHARACTERISTICS ARE 120V/1 PHASE, 60 HZ., WITH 1" CONNECTIONS, MAXIMUM OPERATING PRESSURE OF 150 PSI, UL STANDARD 778 AND NSF CERTIFIED. DIGITAL TIMER WITH CIRCULATOR PROGRAMMING. TEMPERATURE AQUASTAT,

MAINTAINS WATER TEMPERATURE BETWEEN 95°F AND 115°F. CIRCUIT SETTER CALIBRATED BALANCE VALVE, LEAD-FREE BRASS, WITH 1/4" NPT TAPPED DRAIN PORT, MEMORY STOP FEATURE, SET AT 1 GPM. PROVIDE CIRCUIT SOLVER A SELF-ACTING THERMOSTATIC RECIRCULATION VALVE SET AT 110°F.

CIRCULATOR TACO 006E3
 TIMER TACO 265-2
 AQUASTAT TACO 565-2
 CIRCUIT SETTER XYLEM CB-1/2S LF
 RECIRCULATION VALVE (TVC) CIRCUIT SOLVER CS-1/2-110

TCV TEMPERATURE CONTROL VALVE:

CIRCUIT SOLVER A SELF-ACTING THERMOSTATIC RECIRCULATION VALVE SET AT 110°F.

RECIRCULATION VALVE (TVC) CIRCUIT SOLVER CS-1/2-110

MV-1 WATER MIXING VALVE (THERMOSTATIC MIXING):

UNDER SINK MIXING VALVE, BRONZE BODY, 0.25 GPM ACTIVATION, LIMITS HOT WATER BETWEEN 80°F & 120°F, DOUBLE THROTTLING, DUAL CHECK VALVES, INTEGRAL STRAINER WITH 40 MESH SCREEN, TAMPER RESISTANT LOCKING NUT. MEETS ASSE 1070 STANDARDS.

EXPOSED MIXING VALVE WATTS LFUSG-B

FD FLOOR DRAIN:

DURA-COATED CAST IRON BODY, BOTTOM OUTLET AND TRAP PRIMER CONNECTION. TYPE B POLISHED NICKEL BRONZE STRAINER, MEMBRANE CLAMP & ADJUSTABLE COLLAR WITH SLOTS.

FLOOR DRAIN ZURN Z-415B-P

FS-1 FLOOR SINK:

12" x 12" x 8" DEEP, ENAMELED CAST IRON (INSIDE ONLY ENAMELED) WITH CHROME PLATED BRASS BEEHIVE STRAINER & HALF GRATE, 4" OUTLET CONNECTION. PROVIDE RUNNING TRAP UNDER FLOOR WITH CLEANOUT FLUSH TO FLOOR FINISH MATERIAL, COORDINATE WITH ARCHITECTURAL FINISH SCHEDULE.

FLOOR SINK ZURN Z-1901-4NL-HD

TP-1 TRAP PRIMER:

PROVIDE BRASS TRAP PRIMERS AND DISTRIBUTION UNITS TO SEAL FLOOR DRAINS INDICATED ON DRAWINGS. TRAP PRIMER VALVES SHALL BE AUTOMATIC, SELF-CONTAINED TYPE WITH NO SPRINGS OR DIAPHRAGMS AND SHALL NOT REQUIRE ADJUSTMENT. INLET AND OUTLET SIZE IS 1/2". TRAP PRIMER VALVES SHALL BE THE TYPE THAT CAN BE INSTALLED ANYWHERE ON COLD WATER PIPING SIZE 1-1/2" OR LESS. DISTRIBUTION UNITS SHALL SUPPLY 1-4 FLOOR DRAINS. TRAP PRIMER VALVES SHALL COMPLY WITH ASSE 1018. PRECISION PLUMBING PRODUCTS (PPP).

TRAP PRIMER PPP PR-500
 DISTRIBUTION UNIT PPP DU-U

UB-1 ICE MAKER HOOK-UP:

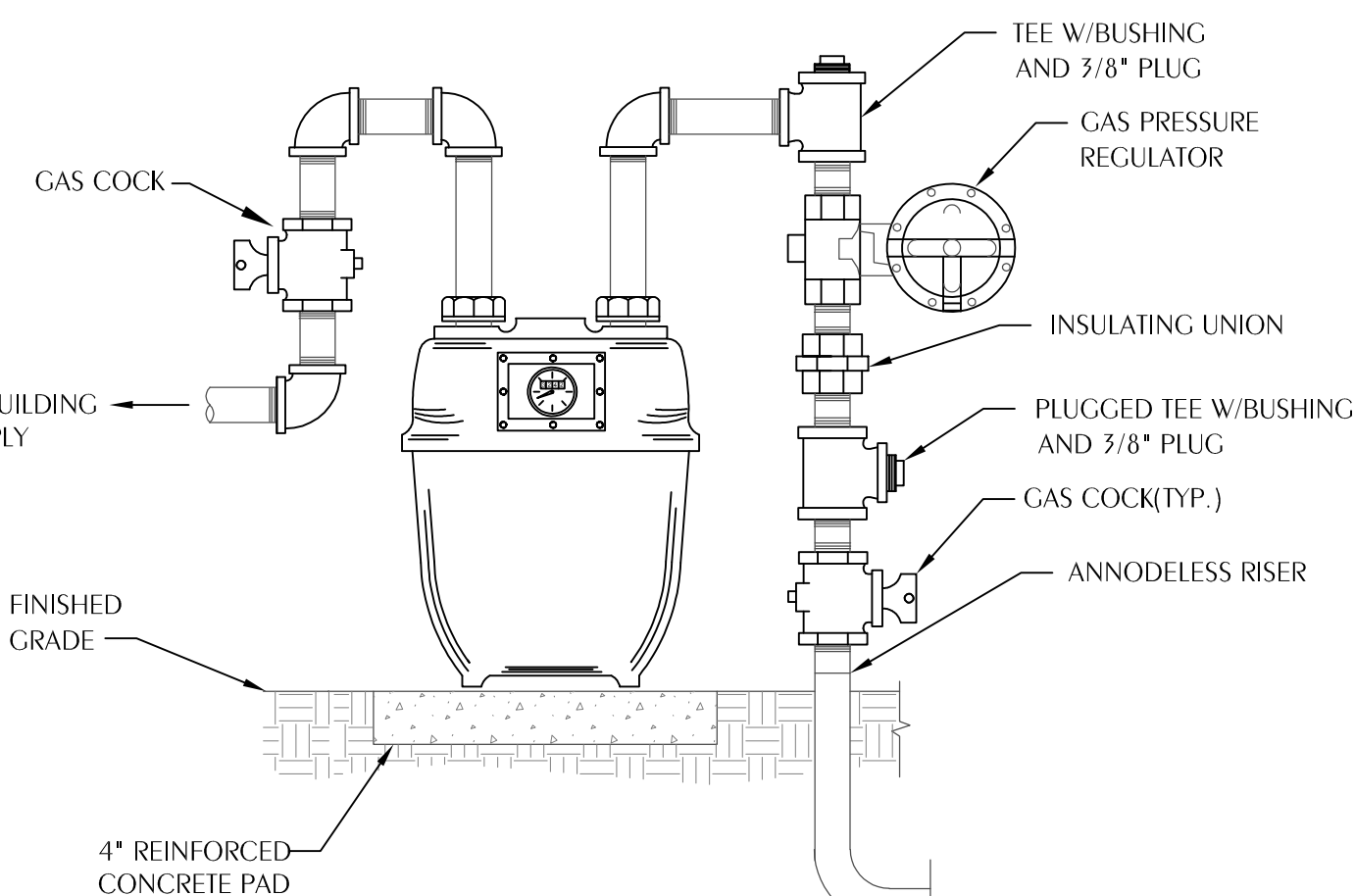
RECESSED METAL WALL BOX CONSTRUCTED AND SUITABLE FOR FIRE RATED PARTITIONS, COMPLETE WITH FACTORY INSTALLED SHANK VALVE WITH 1/4" O.D. COPPER OUTLET TESTED AT 100 PSI. PROVIDE APPROXIMATELY 5'0" OF 1/4" O.S. SOFT COPPER TUBING WITH COMPRESSION FITTING IN TIGHT COIL. ANCHOR BOX TO WALL STRUCTURE. VERIFY LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS OR MOUNT TO MANUFACTURERS RECOMMENDATIONS.

WALL BOX CUY GRAY BIM 875

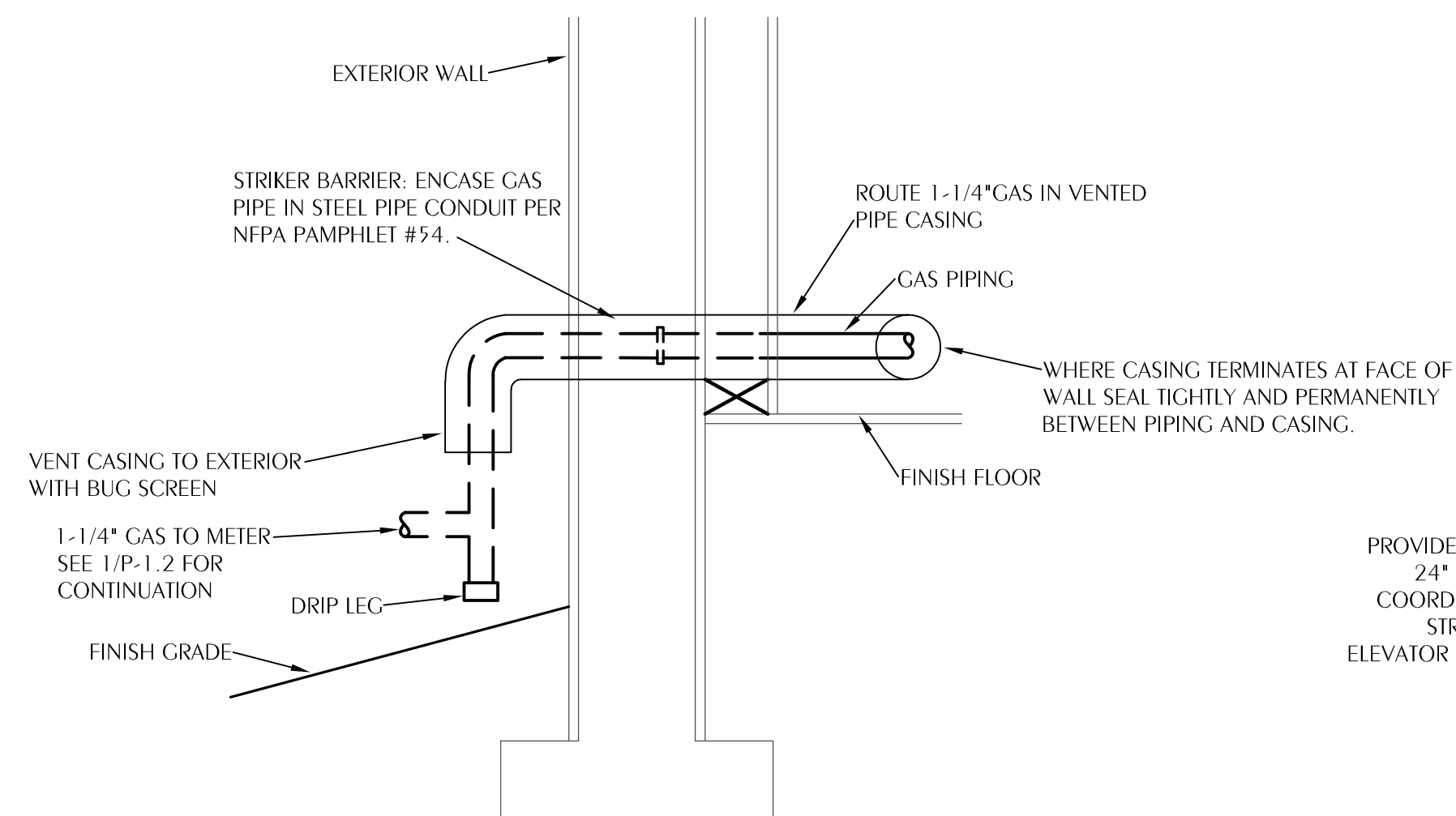
SP-1 SUMP PUMP:

SUBMERSIBLE SUMP PUMP, BRONZE WITH I.P.S. CONNECTION, CAPACITY OF 50 GPM @ 14 FT. DISCHARGE HEAD, PROVIDE WITH MAGNETIC STARTERS, 3450 RPM, INTEGRAL SUBMERSIBLE SWITCH WITH ROD AND FLOAT FOR AUTOMATIC CONTROL. FURNISH WITH METAL FRAME AND STEEL COVER, SIZE TO BE FOR 24"X24"X30" DEEP CONCRETE PIT, COORDINATE WITH STRUCTURAL AND ARCHITECTURAL ELEVATOR WALL FOOTING DETAILS.

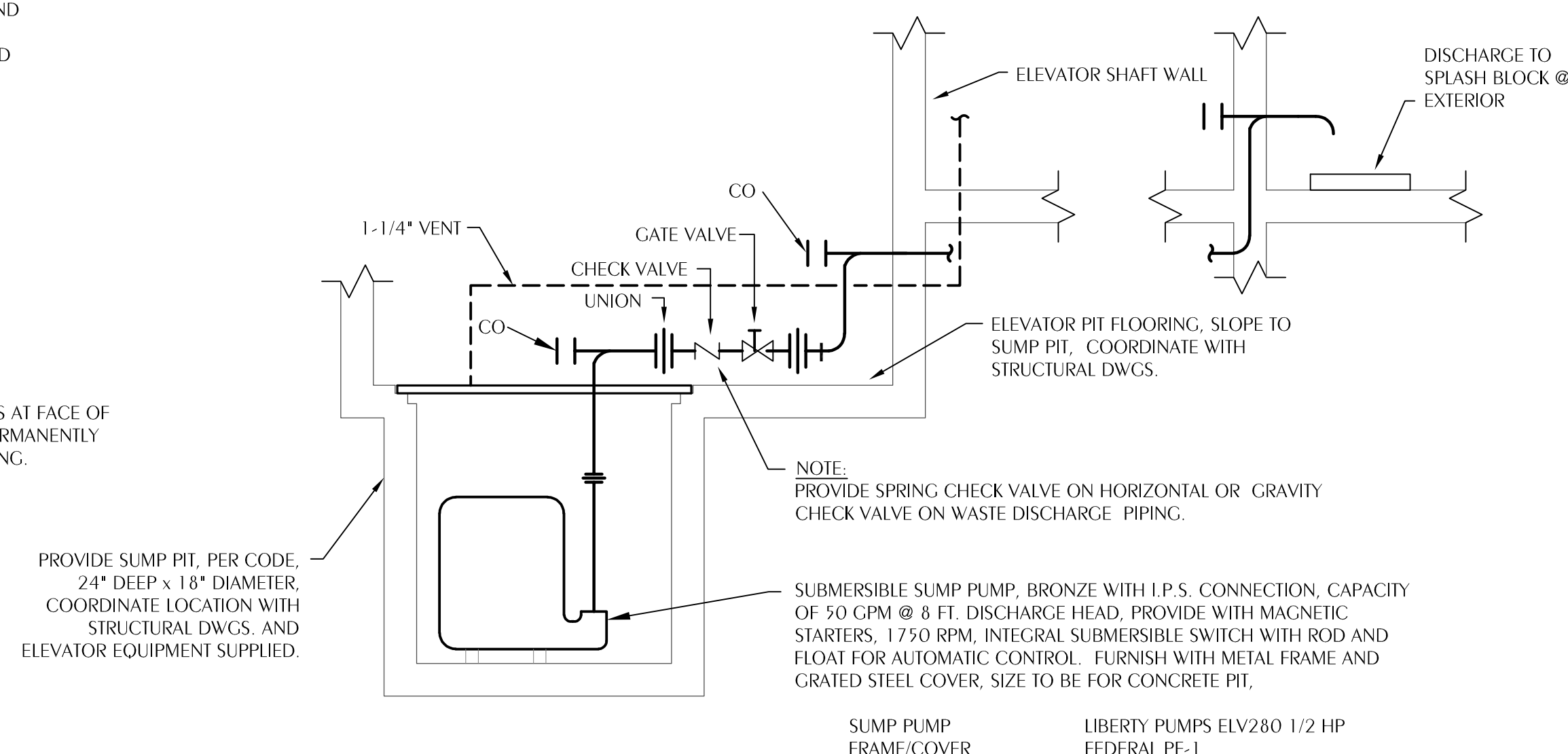
SUMP PUMP LIBERTY ELV280
 REMOTE ALARM LIBERTY OTC-115



1 TYPICAL GAS METER DETAIL
 P.O.3 SCALE: NONE



2 TYPICAL CONCEALED GAS PIPING DETAIL
 P.O.3 SCALE: NONE



3 ELEVATOR SUMP DETAIL
 P.O.3 SCALE: NONE

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR MODIFICATION WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS PROHIBITED. ANY SUCH VIOLATION SHALL BE SUBJECT TO LEGAL ACTION. DONOFRO ARCHITECTS

DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32446
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

SHEET PLUMBING SPECIFICATIONS
 & DETAILS
**RESTORATION, PRESERVATION, & ADDITION
 TO HISTORIC GRAHAM'S PLACE**
 FOR:
 RENAISSANCE PARK YOUTH CAMP &
 FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: OCT. 11, 2024
 DRAWN BY: JDD
 CHECKED BY: KAJ

SHEET No.

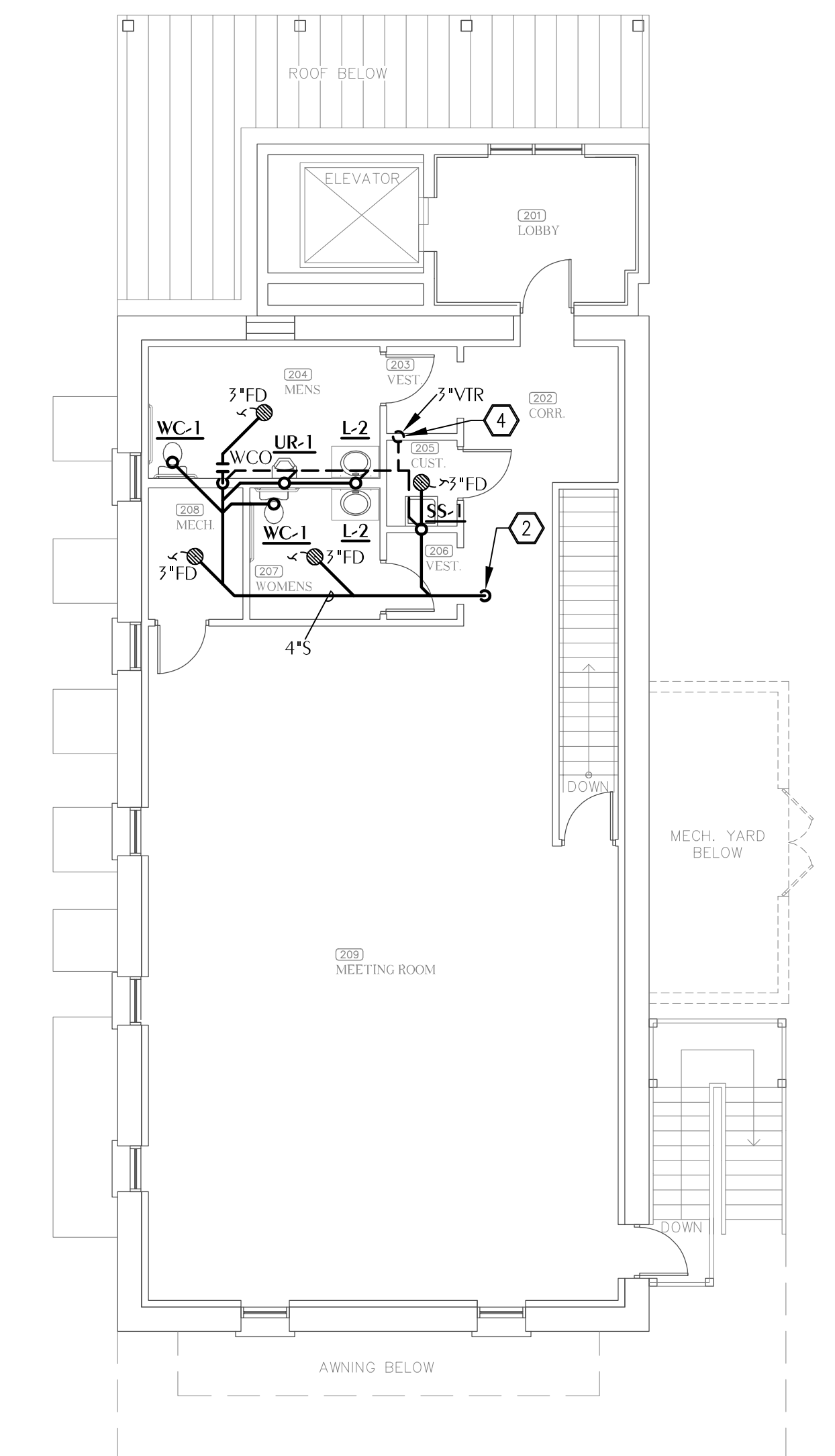
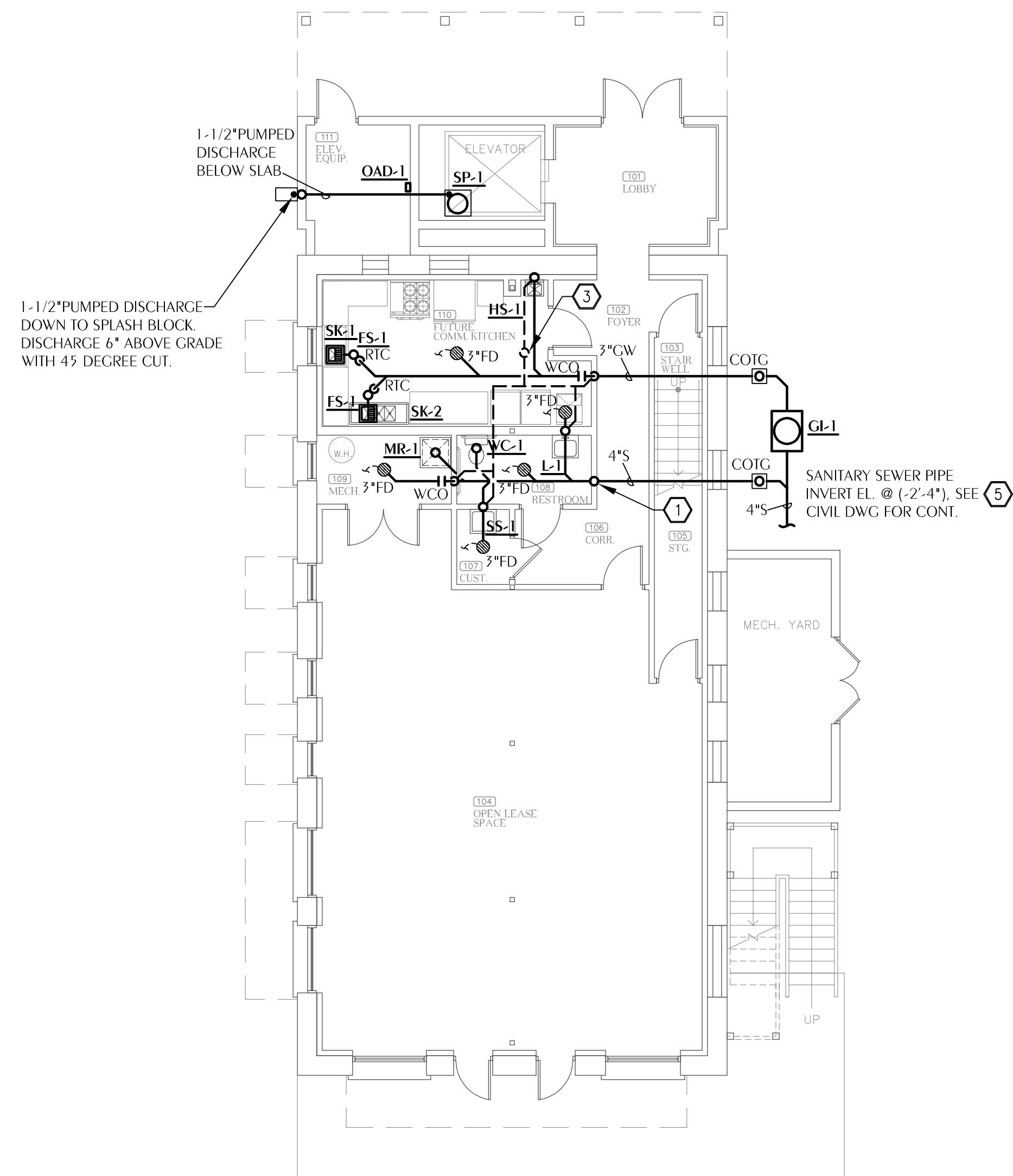
P-0.3

WATFORD ENGINEERING
 4452 Clinton Street/Marianna, Florida 32446
 311 N. College St. Office 1015 Auburn, AL 36830
 Florida CA Number: 27025
 Keith A. Johnson, P.E.
 Florida License Number: 86457
 850.526.3447
 Project Number: 2022-005

SHEET NOTES

- ① 4" S DOWN FROM SECOND FLOOR.
- ② 4" S DOWN TO FIRST FLOOR.
- ③ 3" V UP TO SECOND FLOOR.
- ④ 3" V UP FROM FIRST FLOOR.
- ⑤ COORDINATE INVERT WITH EXISTING STRUCTURE. COORDINATE ANY ADJUSTMENTS WITH CIVIL. NOTIFY ARCHITECT OF ANY CONFLICT.

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR MODIFICATION WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS STRICTLY PROHIBITED. DONOFRO ARCHITECTS



1 PLUMBING SANITARY FLOOR PLAN - 1ST FLOOR
 P-1.1 SCALE: 1/8" = 1'-0"

2 PLUMBING SANITARY FLOOR PLAN - 2ND FLOOR
 P-1.1 SCALE: 1/8" = 1'-0"

SHEET TITLE: PLUMBING SANITARY FLOOR PLANS
 RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
 DATE: OCT. 11, 2024
 DRAWN BY: JDD
 CHECKED BY: KAJ

SHEET No.

P-1.1

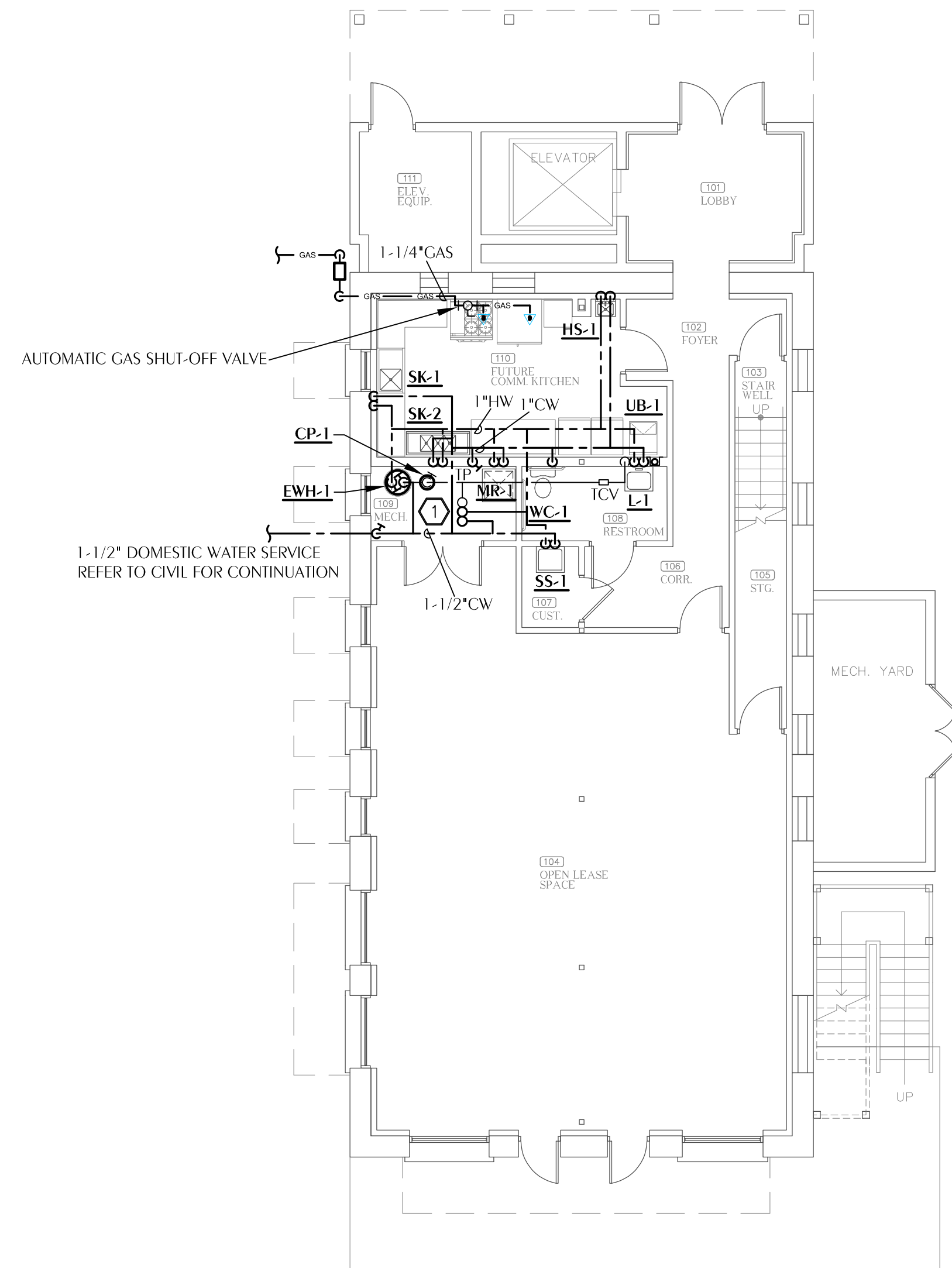
REFERENCE:
 FINISHED FLOOR ELEVATION = 0'-0"

WATFORD ENGINEERING
 4432 Orion Street/Marianna, Florida 32446
 311 N. College St. Office 1015 Auburn, AL 36830
 Florida CA Number: 27025
 Keith A. Johnson, PE
 Florida License Number: 86457
 850.526.3447
 Project Number: 2022-005

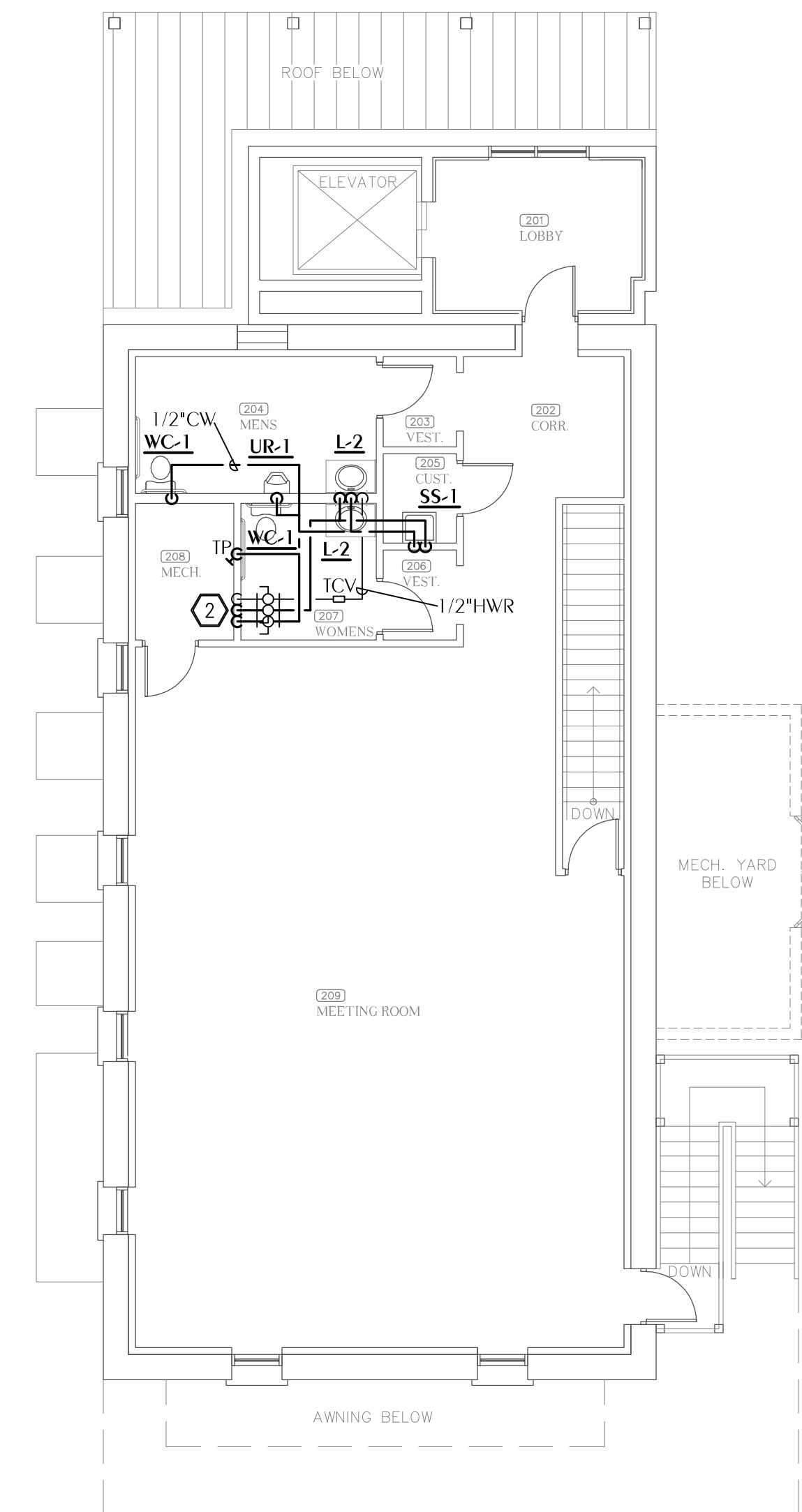
DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32447
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

SHEET NOTES

- ① 1" CW, 3/4" HW, 1/2" HWR UP TO SECOND FLOOR.
- ② 1" CW, 3/4" HW, 1/2" HWR UP FROM FIRST FLOOR.



1 PLUMBING DOMESTIC WATER PLAN - 1ST FLOOR
 P-1.2 SCALE: 1/8" = 1'-0"



1 PLUMBING DOMESTIC WATER PLAN - 2ND FLOOR
 P-1.2 SCALE: 1/8" = 1'-0"

THIS DRAWING IS THE PROPERTY OF DONOFRO ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE, REPRODUCTION, OR DISTRIBUTION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF DONOFRO ARCHITECTS IS STRICTLY PROHIBITED. DONOFRO ARCHITECTS

DONOFRO ARCHITECTS
 2910 CALEDONIA ST.
 MARIANNA, FL 32447
 OFFICE: (850) 482-5261
 P.O. BOX 861
 MARIANNA, FL 32447
 FAX: (850) 482-8609

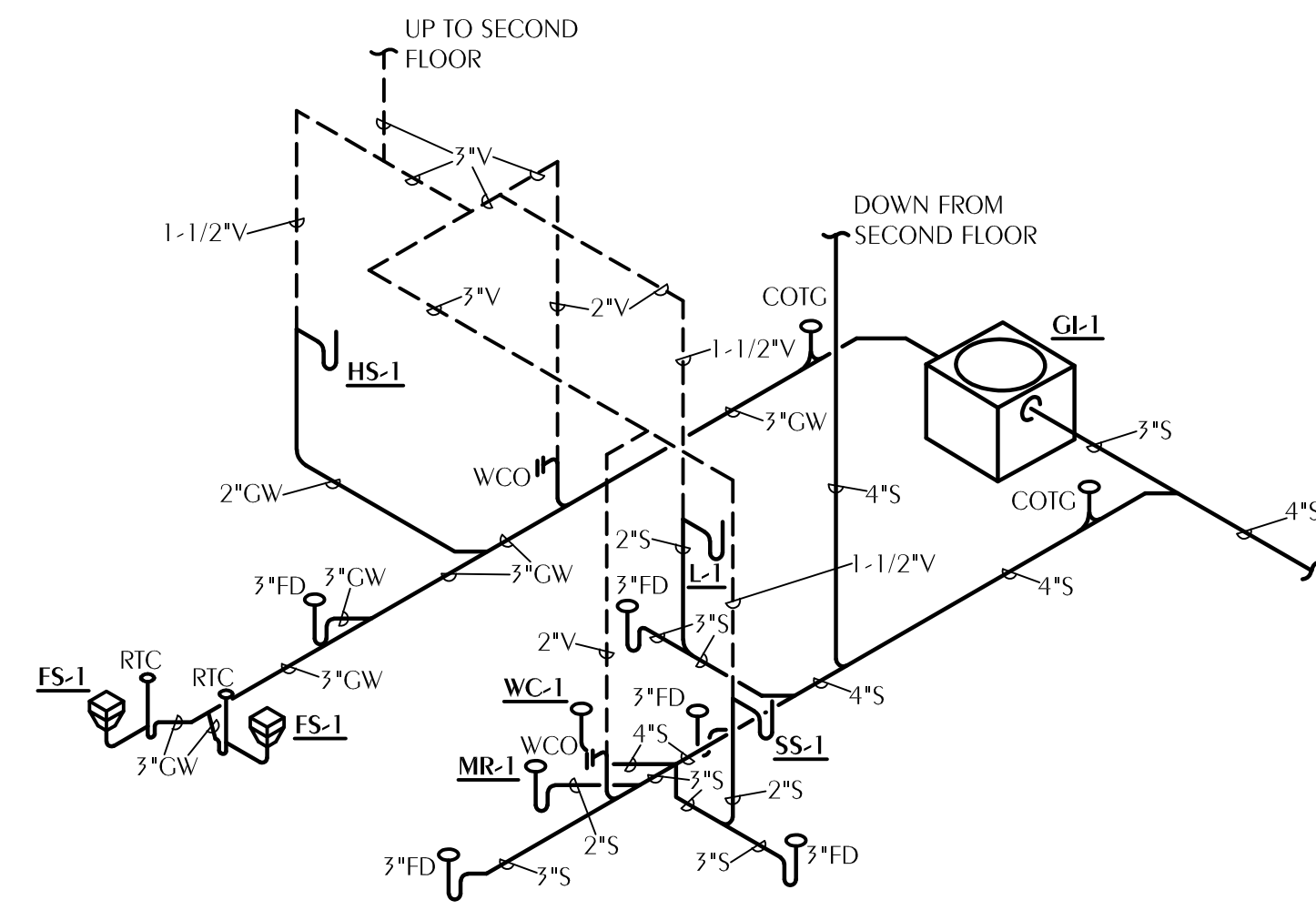


SHEET TITLE: PLUMBING DOMESTIC WATER FLOOR PLANS
 TO HISTORIC GRAHAM'S PLACE
 FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
 MARIANNA, FLORIDA

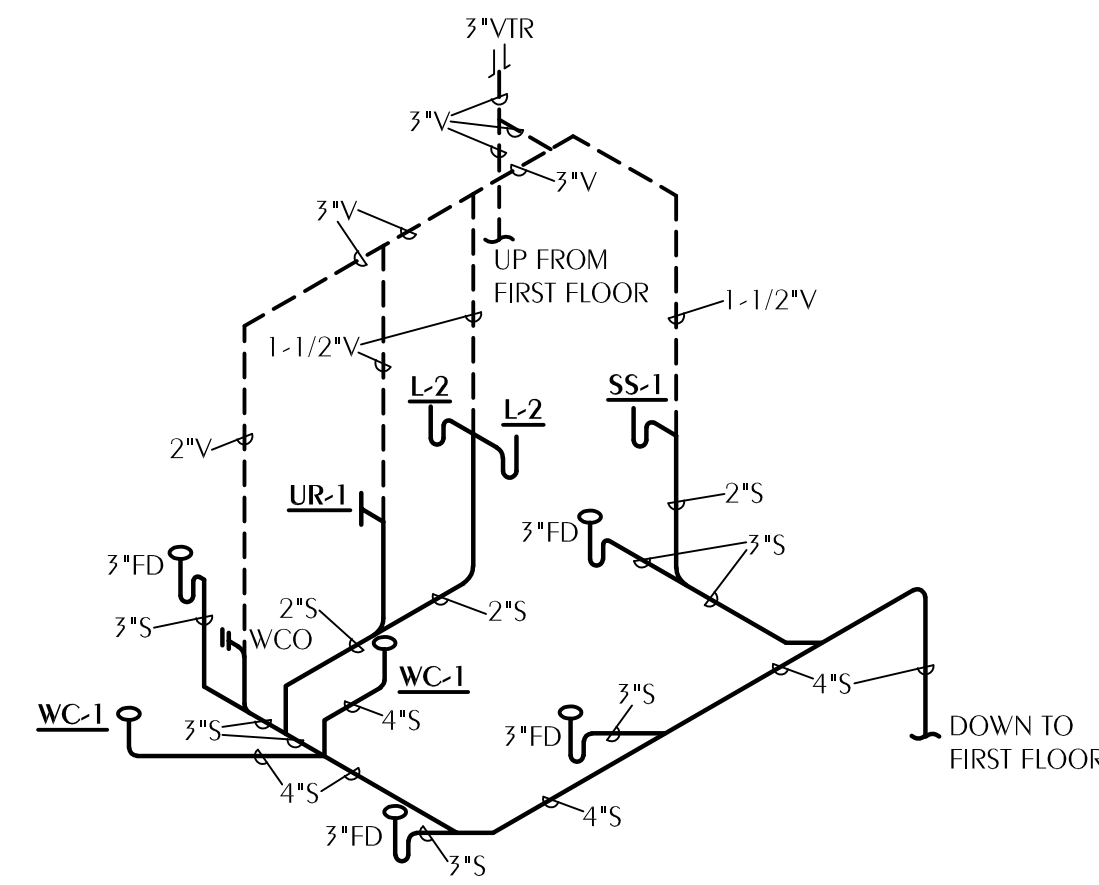
JOB NUMBER: M-2022-21
 DATE: OCT. 11, 2024
 DRAWN BY: JDD
 CHECKED BY: KAJ

SHEET No.
P-1.2

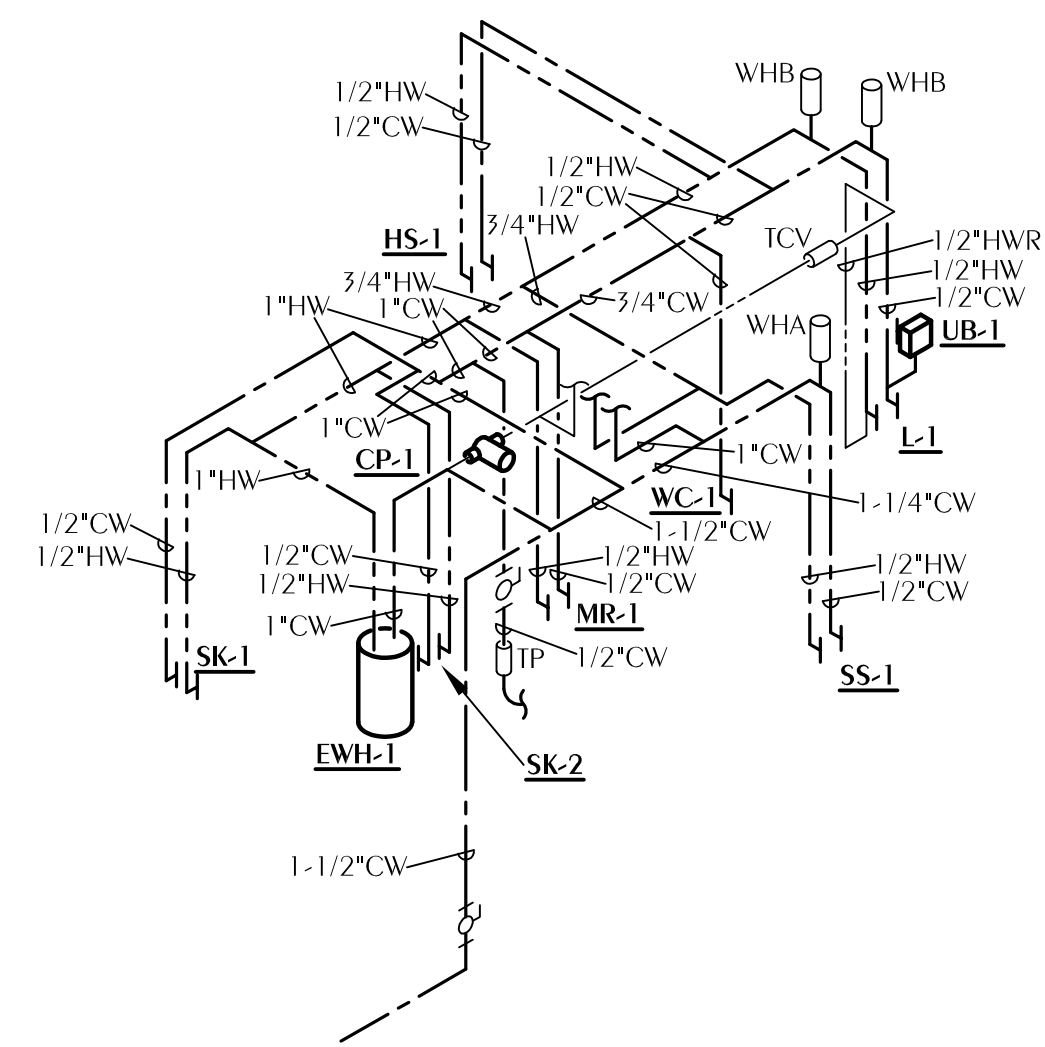
WATFORD ENGINEERING
 Florida CA Number: 27025
 Keith A. Johnson, PE
 Florida License Number: 86457
 850.526.3447
 Project Number: 2022-005
 4432 Orion Street/Marianna, Florida 32446
 311 N. College St. Office 1015 Auburn, AL 36830



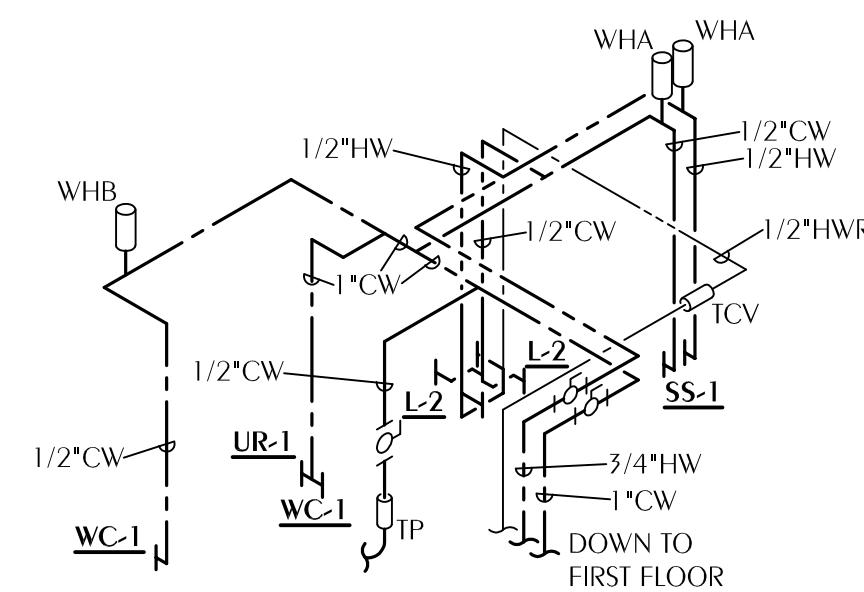
1 PLUMBING SANITARY RISER DIAGRAM
P-2.1 SCALE: NONE



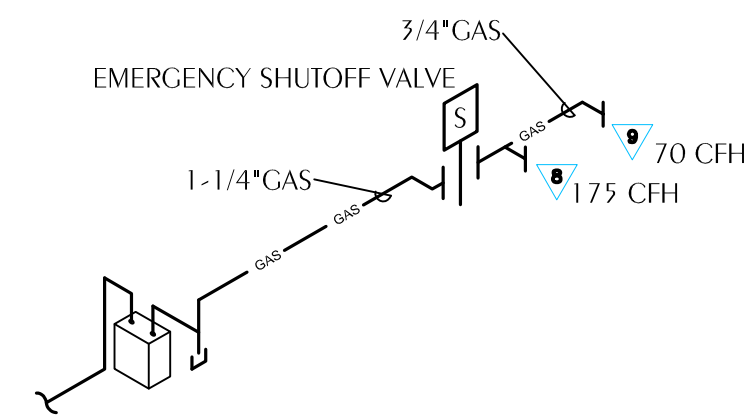
2 PLUMBING SANITARY RISER DIAGRAM
P-2.1 SCALE: NONE



3 PLUMBING DOMESTIC WATER RISER DIAGRAM
P-2.1 SCALE: NONE



4 PLUMBING DOMESTIC WATER RISER DIAGRAM
P-2.1 SCALE: NONE



5 NATURAL GAS RISER DIAGRAM
P-2.1 SCALE: NONE

GAS FIRED EQUIP. SCHEDULE			
TAG	INPUT (BTUH)	CONNECTION SIZE	INLET PRESSURE RANGE
GAS RANGE	175,000	3/4"	5" W.C.
CONVECTION OVEN	70,000	3/4"	5" W.C.

NOTE: SIZES BASED ON A NATURAL GAS SYSTEM, INLET PRESSURE OF LESS THAN 2 PSI, PRESSURE DROP OF 0.5" W.C., AND A SPECIFIC GRAVITY OF 0.60.

- GENERAL NOTES**
- COORDINATE GAS SERVICE AND METERING WITH GAS UTILITY. CONTRACTOR SHALL PAY ALL FEES AND INSTALLATION COST FOR SERVICE TO THE BUILDING.
 - COORDINATE FINAL CONNECTION SIZE AND LOCATION WITH EQUIPMENT SUPPLIED.
 - GAS PIPING WITHIN INACCESSIBLE CEILINGS AND WALLS SHALL BE WITHIN A VENTED CONDUIT.
 - PROVIDE SHUTOFF GAS COCK AT EACH APPLIANCE.

- SHEET NOTES**
- INTERFACE WITH GAS UTILITY SERVICE AT 5 FOOT FROM BUILDING.
 - PROVIDE SLEEVE AND FILLER, EXTEND GAS SERVICE THROUGH EXTERIOR WALL ABOVE GRADE.

DONOFRO ARCHITECTS
P.O. BOX 861
MARIANNA, FL 32447
OFFICE: (850) 482-5261
FAX: (850) 482-8609

SHEET PLUMBING RISER DIAGRAMS
TITLE: RESTORATION, PRESERVATION, & ADDITION TO HISTORIC GRAHAM'S PLACE
FOR: RENAISSANCE PARK YOUTH CAMP & FAMILY CENTER, INC.
MARIANNA, FLORIDA

JOB NUMBER: M-2022-21
DATE: OCT. 11, 2024
DRAWN BY: JDD
CHECKED BY: KAJ

SHEET No.
P-2.1

WATFORD ENGINEERING
4452 Dillon Street/Marianna, Florida 32448
311 N. College St. Office 1015 Auburn, AL 36830
Florida CA Number: 27025
Keith A. Johnson, P.E.
Florida License Number: 86457
850.526.3447
Project Number: 2022-005