ADDITIONS & ALTERATIONS
AT
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR THE
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

PROJECT DIRECTORY

OWNER	■	JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS MARIANNA, FLORIDA (850) 482-9633
ENDEAVOR PROGRAM MANAGER	■	DHM-MELVIN ENGINEERING MARIANNA, FLORIDA (850) 482-3045
ARCHITECT	■	DONOFRO ARCHITECTS MARIANNA, FLORIDA (850) 482-5261
CIVIL ENGINEER	■	DHM-MELVIN ENGINEERING MARIANNA, FLORIDA (850) 482-3045
STRUCTURAL ENGINEER	■	DHM-MELVIN ENGINEERING TALLAHASSEE, FLORIDA (850) 671-7221
MECHANICAL ENGINEER	■	WATFORD ENGINEERING INC. 4471 CLINTON STREET (850-526-3447
ELECTRICAL ENGINEER	■	HUMBER-GARICK ENGINEERS FT. WALTON, FLORIDA (850) 243-6723

CODES

FLORIDA BUILDING CODE, EXISTING BUILDING (FBC-EB) 2020 EDITION
FLORIDA BUILDING CODE, BUILDING (FBC-B) 2020 EDITION
FLORIDA BUILDING CODE, MECHANICAL (FBC-M) 2020 EDITION
FLORIDA BUILDING CODE, FUEL GAS (FBC-FG) 2020 EDITION
FLORIDA BUILDING CODE, PLUMBING (FBC-P) 2020 EDITION
FLORIDA FIRE PREVENTION CODE (FFPC) 2020 EDITION
NATIONAL ELECTRICAL CODE (NEC) (LATEST EDITION)

PROJECT INFORMATION

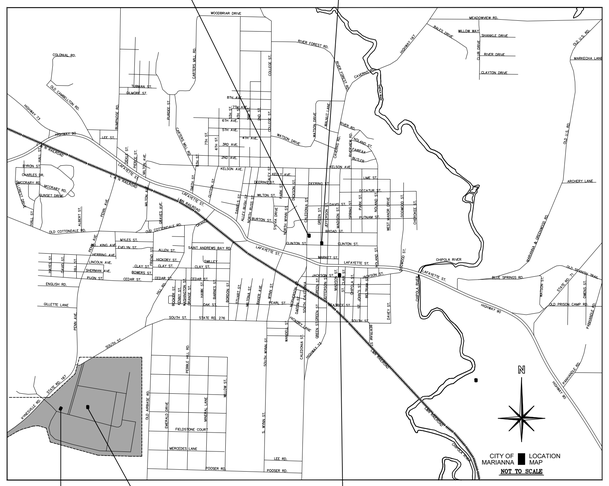
FACILITY GROSS SQUARE FOOTAGE: ——— 19,940 SQUARE FOOTAGE
OCCUPANCY CLASSIFICATION : ——— ASSEMBLY A-3
CONSTRUCTION TYPE: ——— TYPE V (5) B
OCCUPANT LOAD: ——— 663 PERSONS
FIRE PROTECTION SPRINKLER SYSTEM: ——— REQUIRED/PROVIDED
FIRE ALARM AND DETECTION SYSTEM: ——— REQUIRED/PROVIDED
MINIMUM NUMBER OF EXITS: ——— 3 REQUIRED / 4 PROVIDED

WIND LOAD DESIGN CRITERIA

WIND LOADS PER ASCE 7-16 (3 SEC GUST)
ULTIMATE WIND SPEED = 132 MPH
RISK CATEGORY ——— III
EXPOSURE ——— C
INTERNAL PRESSURE COEFFICIENT ——— +/0.18 (ENCLOSED)
SEE COMPONENTS & CLADDING WIND LOAD DIAGRAMS & PRESSURES ON SHEET S-1.0

DONOFRO ARCHITECTS
2910 CALEDONIA STREET

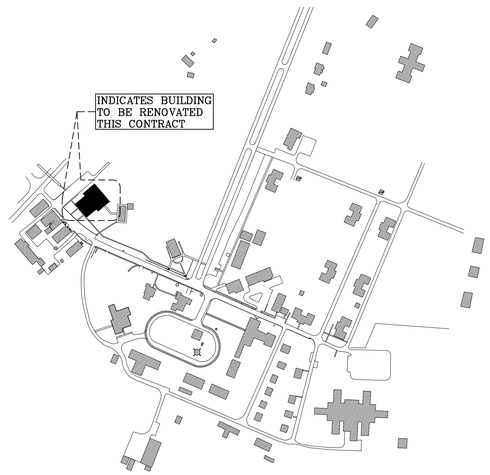
DHM-MELVIN ENGINEERING
4428 LAFAYETTE STREET



CONVENTION CENTER

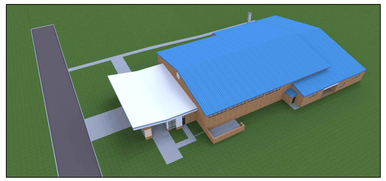
ENDEAVOR SITE

JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS



ENDEAVOR SITE KEY PLAN
NOT TO SCALE











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	C-3	GRADING AND DRAINAGE PLAN
	C-4	UTILITY PLAN
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	P-0.3	PLUMBING SPECIFICATIONS
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	E-1.1	FLOOR PLAN - DEMO - ELECTRICAL
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DONOFRO ■ ARCHITECTS
2910 CALEDONIA MARIANNA, FLORIDA (850) 482-5261

DONOFRO ARCHITECTS
DHM MELVIN ENGINEERING

JOB NUMBER: M-2020-20
DATE: AUGUST 11, 2023

REVIEW DOCUMENTS
NOT FOR CONSTRUCTION

DEMOLITION NOTES

1. EXISTING BUILDING TO BE RENOVATED (SEE ARCHITECTURAL FOR DETAILS)
2. EXISTING ASPHALT PAVEMENT TO REMAIN
3. EXISTING SIDEWALK TO BE REMOVED
4. EXISTING POWER/LIGHT POLE TO REMAIN
5. REMOVE EXISTING CURB
6. INSTALL SILT SOCK AND WRAP INLET GRATE WITH FILTER FABRIC (SEE DETAIL C/C1)
7. INSTALL SILT FENCE (SEE DETAIL B/C1)
8. EXISTING CONCRETE SIDEWALK TO REMAIN
9. EXISTING CONCRETE HANDICAP RAMP TO BE REMOVED
10. EXISTING DRAINAGE STRUCTURE TO REMAIN
11. EXISTING CURB TO REMAIN
12. INSTALL CONSTRUCTION ENTRANCE (SEE DETAIL A/C1)
13. EXISTING ASPHALT TO BE REMOVED
14. EXISTING POWER/LIGHT POLE TO BE REMOVED

LEGEND

- BOUNDARY
- EXISTING CONCRETE
- EXISTING ASPHALT PAVEMENT
- EXISTING AREAS TO BE DEMOLISHED
- 136 EXISTING CONTOURS
- SILT FENCE

0 20
SCALE

PENN AVENUE (SR 276)

EXISTING CONCRETE OVERPASS TO REMAIN

EXISTING STAIRS TO REMAIN

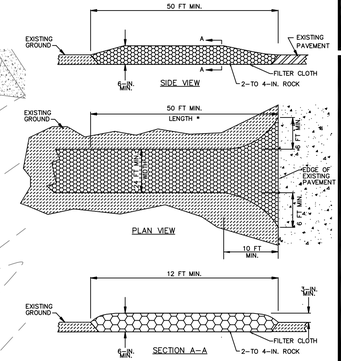
GOVERNOR RICK SCOTT DR.

EXISTING BUILDING

EXIST. FIRE HYDRANT

EXISTING CONDITIONS AND DEMOLITION PLAN

1" = 20'



CONSTRUCTION ENTRANCE

A / C1

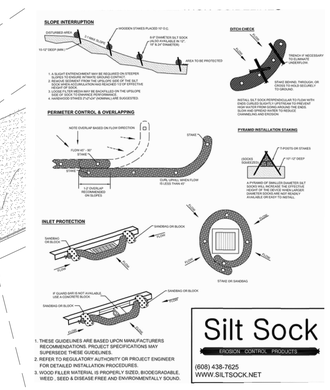
N.T.S.



SILT FENCE DETAIL

B / C1

N.T.S.



SILT SOCK DETAIL

C / C1

N.T.S.

100% REVIEW DOCUMENTS
NOT FOR CONSTRUCTION

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

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SHEET TITLE: EXISTING CONDITIONS AND DEMOLITION PLAN

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: JAC20CONV
DATE: 08-11-2023
DRAWN BY: MMF
CHECKED BY: DHM

SHEET No.
C1

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DEVELOPMENT NOTES

DEVELOPER: JACKSON COUNTY BOCC
2864 MADISON STREET
MARIANNA, FL 32446
CONTACT: WILANNE DANIELS

SURVEYOR: SOUTHEASTERN SURVEYING AND MAPPING, CORP.
1130 HIGHWAY 90
CHIPLEY, FL 32428
CONTACT: LEE ANDERSON, PSM

NOTE: BIDDER SHALL INCLUDE IN HIS BASE BID AN ALLOWANCE OF $50,000 FOR LANDSCAPE AND IRRIGATION. THIS ALLOWANCE IS IN ADDITION TO THE COST OF THE PERFORMANCE TURF SOD AND SEED & MULCH.

Item No.	Description	Unit	Quantity
1	Demolition	LS	1
2	Sediment Erosion Control (Silt Fence, Silt Sock and Construction Entrance)	LS	1
3	Site Excavation, Grading, Fill and Compaction	LS	1
4	12" Stabilized Subbase, Type B, LBR 40	SY	2,100
5	Installation of Base Material (6" Limerock)	SY	2,100
6	Asphalt Concrete		
	(a) New Asphalt 2.5" Thick Type SP 2 (2,100 SY)	TN	290
	(b) Resurface Asphalt 1.5" Thick Type SP (1,400 SY	TN	115
7	Concrete Sidewalk (4" thick)	SY	750
8	Concrete Pavement (8" thick)	SY	50
9	Type F Curb and Gutter	LF	150
10	Signs (Roadway)	EA	5
11	Paint		
	a. 6" White Stripe Thermoplastic	GM	0.50
	b. 8" White Stripe Thermoplastic	LF	200
	c. 12" White Stripe Thermoplastic	LF	
	d. 24" White Stop Bar Thermoplastic	LF	48
	e. Pavement Markings (Arrows)	EA	6
	f. Handicap Space	EA	4
12	Site Lighting (includes luminaire and wiring)	EA	10
13	Aluminum Pipe Guicerail	LF	200
14	Detectable Warning Mat	EA	1
15	6" ADS Pipe (inlcudes clean-out and fittings)	LF	74
16	Connection to existing inlet; 12" core and grout around 6" pipe	LS	1
17	Performance Turf-Sod-Zoysia	SY	4000
18	Performance Turf-Seed & Mulch-Centipede	SY	1000
19	Landscape/Irrigation Allowance ($50,000)	LS	LS

LEGEND

- BOUNDARY
- EXISTING CONCRETE
- EXISTING ASPHALT PAVEMENT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED ASPHALT OVERLAY
- PROPOSED GRASS PARKING AREA

0 20 SCALE

SITE NOTES

1. EXISTING BUILDING TO BE RENOVATED (SEE ARCHITECTURAL FOR DETAILS)
2. EXISTING ASPHALT PAVEMENT TO BE RESURFACED WITH AN OVERLAY (SEE DETAIL A/C6)
3. HANDICAP PARKING SPACE (SEE DETAIL B/C6)
4. REGULAR PARKING SPACE (SEE DETAIL C/C6)
5. INSTALL ASPHALT PAVEMENT (SEE DETAIL A/C6)
6. INSTALL CONCRETE SIDEWALK (SEE DETAIL D/C6)
7. INSTALL TYPE F CURB AND GUTTER (FDOT STD. INDEX NO. 520-001)
8. EXISTING CONCRETE SIDEWALK TO REMAIN
9. INSTALL 8" WHITE STRIPE
10. INSTALL 6" WHITE STRIPE
11. INSTALL 24" WIDE WHITE STOP BAR (THERMOPLASTIC)
12. INSTALL DETECTABLE WARNING SURFACE
13. INSTALL 25 LF OF CONCRETE RAMP W/ALUMINUM GUIDERAIL AT 8.30% SLOPE (REFER TO ARCHITECTURAL DRAWINGS FOR RAMP CONSTRUCTION DETAILS)
14. INSTALL 30"x30" STOP SIGN (R1-1)
15. INSTALL DIRECTIONAL ARROW STRIPING (FDOT STD. INDEX NO. 711-0010)
16. EXISTING POWER/LIGHT POLE TO REMAIN
17. INSTALL (4) 7" TALL BY 12" WIDE CONCRETE STAIRS W/ALUMINUM GUIDERAIL (REFER TO ARCHITECTURAL DRAWINGS FOR STAIR CONSTRUCTION DETAILS)
18. INSTALL 25 LF ALUMINUM GUIDERAIL (REFER TO ARCHITECTURAL DRAWINGS FOR GUARDRAIL CONSTRUCTION DETAILS)
19. INSTALL (6) 7" TALL BY 12" WIDE CONCRETE STAIRS W/ALUMINUM GUIDERAIL (REFER TO ARCHITECTURAL DRAWINGS FOR STAIR CONSTRUCTION DETAILS)
20. INSTALL 20 LF OF CONCRETE RAMP W/ALUMINUM GUIDERAIL AT 8.30% SLOPE (REFER TO ARCHITECTURAL DRAWINGS FOR RAMP CONSTRUCTION DETAILS)
21. INSTALL 12" WIDE WHITE PEDESTRIAN CROSS-WALK STRIPING (FDOT STD. INDEX NO. 711-0010)
22. INSTALL CONCRETE SIDEWALK CR-C (FDOT STD. INDEX NO. 522-002)
23. INSTALL 20'x20'x8" CONCRETE DUMPSTER PAD W/6' TALL PRIVACY FENCE AND GATES
24. PROPOSED CONCRETE PAD FOR BACKFLOW PREVENTOR
25. PROPOSED SITE LIGHTING
26. INSTALL CONCRETE SIDEWALK CR-E (FDOT STD. INDEX NO. 522-002)



SITE AND DIMENSION PLAN

1" = 20'

SITE STATISTICS

General Information			
Property Tax ID #(s):	08-4N-10-0000-0100-0000		
Site Address:	4060 Governor Rick Scott Drive		
Owner:	Jackson County BOCC		
Engineer:	David H. Melvin, Inc.		
Utilities:			
Water	City of Marianna		
Sewer	City of Marianna		
Gas	City of Marianna		
Electric	FPU		
Land Use:	Commercial		
Flood Zone:	12063C0294D, Zone X		

Site Data Table		
Total Development Area (SF):	**179,032 SF**	**4.11 AC**
Existing Impervious Area (SF):	**35,610 SF**	**19.89 %**
Building Area	16,400 SF	**9.16** %
Asphalt Area	13,302 SF	**7.43** %
Concrete Area	5,908 SF	**3.30** %
Proposed Impervious Area (SF):	**17,848 SF**	**9.97 %**
Concrete Area	5,411 SF	3.02 %
Asphalt Area	17,848 SF	9.97 %
Pre-Post Impervious Area Total	**47,954 SF**	**26.79 %**
Existing Impervious Area (SF):	35,610 SF	19.89 %
Existing Impervious Area Removed:	5,504 SF	3.07 %

Parking Data		
Required Parking Spaces:		
Convention Center [1 space/ 4 seats; 360 Seat Capacity)	90	Spaces
Handicap Parking Spaces (4 spaces/1 space per 25 reg/spaces):	4	Spaces
Total Required Parking Spaces:	**94**	**Spaces**
Total Number of Spaces Provided (Includes 4 Handicap Spaces):	**108**	**Spaces**
Loading Zones (1 per 20,000 SF, plus 1 per 20,000 additional SF)	2	Spaces

100% REVIEW DOCUMENTS
NOT FOR CONSTRUCTION

DHM
MELVIN ENGINEERING
EB-0005637 LC-0000277
MARIANNA OFFICE
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Marianna, FL 32446
Phone: (850) 482-3045

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FAX: (850) 482-8609

SHEET TITLE: SITE AND DIMENSION PLAN

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR: JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: JAC20CONV
DATE: 08-11-2023
DRAWN BY: MMF
CHECKED BY: DHM

SHEET No.
C2

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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 SOD DISTURBED AREA AND SHALL RE-GRADE SMOOTH ALL AREAS 36,000 SF OF SOD. 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.

10. BUILDING ROOF RUN-OFF SHALL BE CONVEYED AS TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING.

DRAINAGE NOTES

1. EXISTING TYPE 9 INLET
   GUTTER ELEV. 134.70'
   18" INV. ELEV. 129.50' (N)
   CORE 12" HOLE AT INV. ELEV. 129.50' ON EAST SIDE. GROUT AND MAKE WATER TIGHT.
2. INSTALL 6" STORM CLEAN-OUT
   INV. ELEV. 135.33'
3. INSTALL 74 LF 6" PIPE @ 7.87% SLOPE

LEGEND

- BOUNDARY
- EXISTING CONCRETE
- EXISTING ASPHALT PAVEMENT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED ASPHALT OVERLAY
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED SPOT ELEVATIONS
- DRAINAGE ARROWS
- PROPOSED GRASS PARKING AREA

0 20 SCALE

CONSTRUCTION SEQUENCE:

1. ALL PERMITS (CITY) 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. SOD 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.

GRADING AND DRAINAGE PLAN

1" = 20'

100% REVIEW DOCUMENTS
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SHEET TITLE: GRADING AND DRAINAGE PLAN

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR: JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: JAC20CONV
DATE: 08-11-2023
DRAWN BY: MMF
CHECKED BY: DHM

SHEET No.
C3

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

UTILITY PLAN

1. INSTALL 6" SEWER CLEAN-OUT
INV. ELEV. 133.50'
2. INSTALL 191 LF 8"ø SEWER LINE @ 4.19% SLOPE
3. INSTALL SEWER CLEAN-OUT EVERY 50 FEET OR AT INTERSECTIONS
4. CORE EXISTING MANHOLE AT ELEV. 124.00' AND INSTALL 8" GRAVITY SEWER WITH INTERNAL DROP.
5. INSTALL 6"x10" LIVE WATER TAP WITH FULL WRAP AROUND S.S. TAPPING SADDLE INTO EXISTING 10" WATER MAIN WITH 6" AVK TAPPING SADDLE AND VALVE WITH BOX.
6. UTILITY CONFLICT
PROPOSED 6" SEWER LATERAL INV. ELEV. 132.39'
PROPOSED 2 1/2" WATER LINE INV. ELEV. 135.50'
7. INSTALL 6" SEWER CLEAN-OUT
INV. ELEV. 131.92'
8. INSTALL 6" AMES 3000SS DOUBLE DETECTOR CHECK BACKFLOW PREVENTOR WITH FDC AND CHECK VALVE ON A 6'x12' CONCRETE PAD WITH FIBERGLASS ENCLOSURE.
9. INSTALL 71 LF 6" C900 PIPE DR 18
10. INSTALL 6" SEWER CLEAN-OUT
INV. ELEV. 135.50'
11. INSTALL 314 LF 2 1/2" WATER LINE (SEE PLUMBING PLAN FOR BLDG CONNECTION DETAILS)
12. INSTALL 232 LF 6" FIRE LINE (SEE PLUMBING PLAN FOR BLDG CONNECTION DETAILS)
13. EXISTING FIRE HYDRANT
14. INSTALL 6" SEWER CLEAN-OUT
INV. ELEV. 133.67'
15. INSTALL 88 LF 6"ø SEWER LATERAL @ 1.0% SLOPE MIN.
16. INSTALL 28 LF 6"ø SEWER LATERAL @ 9.64% SLOPE
17. INSTALL 6" SEWER CLEAN-OUT
INV. ELEV. 132.80'
18. INSTALL 238 LF 6"ø SEWER LATERAL @ 3.26% SLOPE
19. CONNECT 6" SEWER LATERAL INTO 8" SEWER LINE
INV. ELEV. 124.17'
20. UTILITY CONFLICT
PROPOSED 6" FIRE LINE INV. ELEV. 134.50'
PROPOSED 6" SEWER LATERAL INV. ELEV. 132.10'
21. INSTALL FIRE HYDRANT ASSEMBLY
22. CONNECT 6" SERVICE LATERAL TO 8" SEWER @ INV. ELEV. 132.00'
23. INSTALL 10 LF 6"ø SEWER LATERAL @ 17.5% SLOPE

EXIST. MH
TOP ELEV. 128.89'
INV. ELEV. 119.81'

EXIST. CITY 12" SEWER MAIN

EXIST. BLDG.
F.F. ELEV. 141.00'

EXISTING OVERPASS TO REMAIN

EXIST. NATURAL GAS MAIN

EXIST. 10" CITY WATERMAIN

EXIST. METER TO REMAIN

EXIST. 10" WATER MAIN

EXIST. LIGHT POLE TO REMAIN

EXIST. LIGHT POLE TO REMAIN

EXIST. LIGHT POLE TO REMAIN

GOVENOR RICK SCOTT DR.

PENN AVENUE (SR 276)

EXIST. MH
TOP ELEV. 132.58'
NE INV. 121.31'
SW INV. 122.54'

EXISTING BUILDING

EXISTING BUILDING

NOTES:

1. ALL PVC PIPE AND FITTINGS LESS THAN 8"ø SHALL BE SCH 40.
2. CONTRACTOR SHALL VERIFY ELEVATION OF EXISTING SEWER MANHOLE PRIOR TO INSTALLATION OF PIPE.
3. FIRE HYDRANTS SHALL BE INSTALLED WITHIN 500 FEET OF BUILDING. EXIST. FIRE HYDRANT IS 104 LF FROM EXISTING BUILDING TO BE RENOVATED.
4. SEWER CLEAN-OUTS TO BE INSTALLED EVERY 50 FEET OR AT EACH BEND.
5. CONTRACTOR SHALL INSTALL AND TEST WATER AND WASTEWATER SYSTEMS IN ACCORDANCE WITH APPLICABLE CODES.

UTILITY PLAN

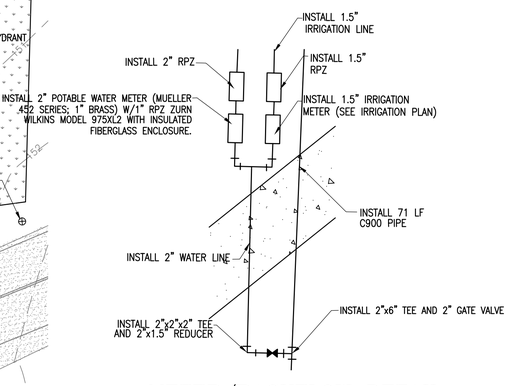
1" = 20'

LEGEND

- BOUNDARY
- EXISTING CONCRETE
- EXISTING ASPHALT PAVEMENT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED ASPHALT OVERLAY
- WL — EXISTING WATER MAIN
- FIRE — PROPOSED FIRE MAIN
- WM — PROPOSED WATER LINE
- SAN — EXISTING 12" SEWER MAIN
- 131 — EXISTING CONTOURS
- PROPOSED GRASS PARKING AREA
- SS — PROPOSED SEWER LINE

0 20
SCALE

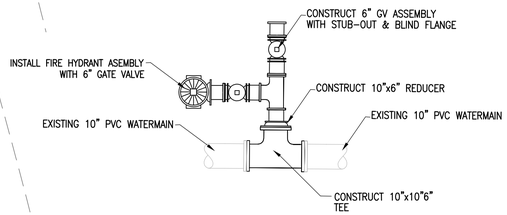
Item No.	Description	Unit	Quantity
1	Wet Tap to existing Jackson County 6" main including 6" Gate Valve (this does not include any tap fees that the County could require by the developer during permitting, these are not known at this time).	EA	1
2	2.5" Water Service (includes pipe and fittings)	LF	314
3	6" Fireline (includes pipe and fittings)	LF	232
4	6" C900 Pipe	LF	71
5	2" Gate Valve	EA	1
6	2"x6" Tee	EA	1
7	2"x2" Tee	EA	1
8	6" Gate Valve	EA	1
9	2" Water Meter	EA	1
10	2" RPZ	EA	1
11	1.5" Irrigation Meter	EA	1
12	1.5" RPZ	EA	1
13	6" Double Detector Check, FDC and check valve with fiberglass enclosure on 6'x12' concrete pad	EA	1
14	Fire Hydrant Assembly	EA	1
15	Core existing City of Marianna sewer manhole and install 8" gravity sewer with internal drop	LS	1
16	6" Sewer Pipe Lateral	LF	364
17	6" Sewer Clean-out	EA	11
18	8" Sewer Clean-out	EA	1
19	8" Sanitary Sewer Line	LF	191



METER/BACKFLOW DETAIL

A / C4

SCALE: 1" = 5'-0"



WATER CONNECTION DETAIL

B / C4

SCALE: 1" = 1'-0"

100% REVIEW DOCUMENTS
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SHEET TITLE: UTILITY PLAN

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T:\Projects\Endeavor Dozier\Gym Convention Center\Drawings\ENG_MASR1.dwg Printed:8/7/2023 9:43 AM Drawn By:Mary Farris Sheet Size: ARCH_D (24.00_x_36.00_Inches)

1. INTRODUCTION

THIS DOCUMENT IS INTENDED TO PROVIDE GUIDANCE TO THE RESPONSIBLE AUTHORITY/OPERATOR FOR THE CREATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH CHAPTER 62-621.500 (4] OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGE OF STORMWATER FROM CONSTRUCTION SITES.

THE INFORMATION CONTAINED HEREIN IS ORGANIZED TO CORRESPOND TO THE ITEMS OUTLINED IN PART 4 OF THE FDEP FORM 62-621.300(4)(a) 'GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES'. IT SHALL BE THE RESPONSIBILITY OF THE RESPONSIBLE AUTHORITY/OPERATOR TO DEVELOP THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN AND TO SUBMIT THE FDEP FORM 62-621.300(4)(b) 'NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES' AT LEAST TWO (2) CALENDAR DAYS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE RESPONSIBLE AUTHORITY/OPERATOR SHALL POST A COPY OF THE NOTICE OF INTENT (NOI) OR ACKNOWLEDGMENT LETTER FROM FDEP AT THE CONSTRUCTION SITE IN A PROMINENT PLACE FOR PUBLIC VIEWING. THE RESPONSIBLE AUTHORITY/OPERATOR SHALL ALSO MAINTAIN RECORDS OF THE SWPPP AND OTHER DOCUMENTS SPECIFIED IN THE GENERIC PERMIT AT THE CONSTRUCTION SITE TO BE AVAILABLE FOR REVIEW.

2. SITE DESCRIPTION

COUNTY: JACKSON
SECTION, TOWNSHIP, RANGE: 08, 4N, 10W
COUNTY PARCEL NO.: 08-4N-10-0000-0100-0000

STREET ADDRESS: 4060 GOVERNOR RICK SCOTT DRIVE, MARIANNA, FLORIDA
PROJECT AREA: 4.11-ACRES±
SITE LOCATION MAP: REFER TO CONSTRUCTION PLANS

A. NATURE OF CONSTRUCTION ACTIVITY

THE PROJECT IS COMPRISED OF THE RENOVATION OF AN EXISTING BUILDING AND VEHICULAR USE AREA, NEW VEHICULAR USE AREA, AND ON-SITE UTILITY IMPROVEMENTS.

ANTICIPATED START DATE: JANUARY 2024
ANTICIPATED COMPLETION DATE: DECEMBER 2024

THE START AND END DATES FOR EACH MAJOR CONSTRUCTION ACTIVITY SHALL BE INCLUDED WITH THE SWPPP. THE SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES OUTLINED BELOW IS PROVIDED AS A GENERAL GUIDELINE, THE ACTUAL SEQUENCING AND DATES ARE TO BE PROVIDED IN THE SWPPP:

B. GENERAL SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES

1. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION FENCING SHALL BE INSTALLED AND ALL EXISTING STORM DRAINAGE SWALE AND INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THE PRACTICES DESCRIBED IN 'THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL' (CURRENT EDITION) AND FDOT STANDARD SPECIFICATION SECTION 104 (CURRENT EDITION).
2. THE CONSTRUCTION SERVICE ENTRANCE SHALL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF-SITE TRACKING OF SEDIMENTS.
3. ONLY THE AREA COMPRISING THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED OF UNWANTED VEGETATION.
4. THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CONSTRUCTED.
5. IF SUITABLE, THE EXCAVATED SOIL FROM THE FACILITY(S) MAY BE USED AS FILL FOR ON-SITE GRADING THAT IS DEPICTED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL ON-SITE OR OFF-SITE TO A PERMITTED LOCATION.
6. THE REMAINING PORTION OF THE SITE THAT IS TREATED BY THE CONSTRUCTED STORMWATER MANAGEMENT FACILITY(S) SHALL BE CLEARED AND GRUBBED.
7. THE PERMANENT ROADWAYS/ DRIVEWAYS SHALL BE ROUGHLY GRADED.
8. THE UNDERGROUND UTILITIES INFRASTRUCTURE AND STORMWATER PIPING SYSTEM SHALL BE INSTALLED. ANY DE-WATERING (PUMPED) SHALL BE DIVERTED TO THE ASSOCIATED STORMWATER MANAGEMENT FACILITY(S).
9. THE PERMANENT ROADWAY / DRIVEWAY SUBGRADE SHALL BE COMPACTED, A BASE SHALL BE ESTABLISHED, AND THEN FOLLOWED BY AN OVERLAY OF ASPHALT OR CONCRETE PAVEMENT.
10. UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER PIPING SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.
11. UPON COMPLETION OF THE DEBRIS AND SEDIMENT REMOVAL FROM THE STORMWATER PIPING SYSTEM, THE PROPOSED STORMWATER MANAGEMENT FACILITY(S) SHALL BE FINE GRADED AND BE EXCAVATED TO THE DESIGN BOTTOM ELEVATION. ONCE COMPLETED, NO HEAVY MACHINERY SHALL BE ALLOWED WITHIN THE STORMWATER MANAGEMENT FACILITY(S).
12. ALL REMAINING DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED ACCORDING TO THE CONSTRUCTION AND/OR LANDSCAPING PLANS. TURF ESTABLISHMENT SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION SECTION 570. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

C. SITE AREA ESTIMATES AND RUNOFF DATA:

TOTAL PROJECT SITE AREA: 4.11-ACRES±
TOTAL SITE AREA TO BE DISTURBED: 4.11-ACRES±

RUNOFF COEFFICIENTS:

PRE-DEVELOPMENT 'C' FACTOR: 0.78
POST-DEVELOPMENT 'C' FACTOR: 0.85

D. SOIL CONDITIONS AND STORMWATER QUALITY

THE NRCS DATA FOR THE SITE REVEALS THAT THE SITE SOILS ARE COMPRISED OF ORANGEBURG LOAMY SAND (SC-SM, SC). REFER TO THE GENERAL NOTES SHEET IN THE CONSTRUCTION PLANS FOR INFORMATION REGARDING THE GEOTECHNICAL INVESTIGATIONS FOR THE SITE.

E. SITE MAP

REFER TO CONSTRUCTION PLANS

F. STORMWATER OUTFALL LOCATION AND RECEIVING WATER BODY.

OUTFALL ID#	LOCATION	RECEIVING WATERBODY
EXIST. DRAINAGE DITCH	30°45'38"N 85°15'27"W	CHIPOLA RIVER

3. CONTROLS TO REDUCE POLLUTION

AS OUTLINED IN THE WATER MANAGEMENT DISTRICT ENIVROMENTAL RESOURCE PERMIT (ERP), ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER AS TO NOT VIOLATE STATE WATER QUALITY STANDARDS. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, THE RESPONSIBLE AUTHORITY/OPERATOR SHALL IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES TO RETAIN SEDIMENT ON-SITE IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED OTHER THAT WHAT IS OUTLINED IN THE SWPPP, THE RESPONSIBLE AUTHORITY/OPERATOR OR OTHER SUBCONTRACTORS SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES. REGULAR INSPECTION AND MAINTENANCE OF THESE MEASURES IS REQUIRED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. THE FOLLOWING INFORMATION IS INTENDED TO PROVIDE GUIDANCE ON STANDARD MEASURES AND BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL. PLEASE REFER TO THE SWPPP FOR SPECIFIC DETAILS AND REQUIREMENTS FOR THE SITE.

4. EROSION AND SEDIMENT CONTROLS

A. GENERAL STABILIZATION PRACTICES

EXISTING TREES AND NATURAL VEGETATION TO REMAIN ON-SITE SHALL BE PROTECTED BY TREE BARRICADE FENCING AS DEPICTED. TYPE III SILT FENCING SHALL PROTECT ALL DRAINAGE STRUCTURES AND SHALL BUFFER AREAS WITH POTENTIAL TO CONTRIBUTE OFF-SITE RUNOFF AND AS SPECIFICALLY DEPICTED ON THE SWPPP. STABILIZATION MEASURES SHALL BE INITIATED FOR EROSION AND SEDIMENT CONTROL ON DISTURBED AREAS AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN SEVEN (7) DAYS OR AS REQUIRED BY THE PERMITTING AGENCY, IN PORTIONS OF THE SITE WHERE CONSTRUCTION TEMPORARILY OR PERMANENTLY CEASED. UPON COMPLETION OF CONSTRUCTION, ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SCRAPED CLEAN OF ANY ACCUMULATED SEDIMENT OR DEBRIS. ALL TURF ESTABLISHMENT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF FDOT STANDARD SPECIFICATION SECTION 570 AND EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO THE REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES.

B. GENERAL STORM STRUCTURE PROTECTION PRACTICES

A STORMWATER MANAGEMENT SYSTEM WILL BE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION PLANS AND WILL BE COMPRISED OF A WET DETENTION FACILITY AND A STORM PIPE CONVEYANCE SYSTEM. TO PREVENT EROSION DURING CONSTRUCTION, TYPE III SILT FENCING IS TO BE INSTALLED IN THE LOCATIONS SHOWN WITHIN THE CONSTRUCTION PLANS AND THE SWPPP. ALL EXISTING AND PROPOSED STORM DRAINS AND DRAINAGE SWALES SHALL BE PROTECTED IN ACCORDANCE WITH THE MEASURES DETAILED IN THE SWPPP AND/OR THE 'STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL' (CURRENT EDITION) UNTIL CONSTRUCTION HAS BEEN COMPLETED. UPON COMPLETION OF CONSTRUCTION OR SOIL DISTURBANCE ACTIVITIES, THE STORM PIPE CONVEYANCE SYSTEM SHALL BE FLUSHED TO REMOVE ALL ACCUMULATED DEBRIS AND SEDIMENT.

C. DRAINAGE AREAS SERVING LESS THAN 10 DISTURBED ACRES

DRAINAGE AREAS THAT ARE COMPRISED OF 10 DISTURBED ACRES OR LESS ARE RECOMMENDED TO UTILIZE SEDIMENT BASINS AND/OR TRAPS IF THE AREA IS NOT SERVED BY A PERMANENT STORMWATER MANAGEMENT FACILITY. IF A PERMANENT STORMWATER MANAGEMENT FACILITY IS PROPOSED TO BE USED AS A SEDIMENT BASIN AND/OR TRAP, APPROPRIATE MEASURES SHALL BE TAKEN TO ENSURE REMOVAL OF ANY ACCUMULATED SEDIMENT OR DEBRIS TO ASSURE THE DESIGN CAPACITY OF THE FACILITY IS PROVIDED. SILT FENCES OR OTHER SEDIMENT CONTROL SHALL BE INSTALLED AS OUTLINE IN THE CONSTRUCTION PLANS AND THE SWPP. LOCATION WHERE SILT FENCE SHALL BE INSTALLED INCLUDES, BUT IS NOT LIMITED TO, SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATIONS, OUTLET LOCATIONS, WETLAND SETBACKS, OR AS OTHERWISE NOTED IN THE SWPPP. UPON COMPLETION OF CONSTRUCTION OR SOIL DISTURBING ACTIVITIES, SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS. NOTE THAT EROSION CONTROL IS SUBJECT TO THE SWPPP AND MAY BE AMENDED BY THE RESPONSIBLE AUTHORITY/OPERATOR AS NEEDED TO ENSURE SEDIMENTATION IS ADEQUATELY CONTROLLED.

D. DRAINAGE AREAS SERVING MORE THAN 10 DISTURBED ACRES

DRAINAGE AREAS THAT ARE COMPRISED OF 10 DISTURBED ACRES OR MORE ARE REQUIRED TO UTILIZE SEDIMENT BASINS AND/OR TRAPS IF THE AREA IS NOT SERVED BY A PERMANENT STORMWATER MANAGEMENT FACILITY. IF A PERMANENT STORMWATER MANAGEMENT FACILITY IS PROPOSED TO BE USED AS A SEDIMENT BASIN AND/OR TRAP, APPROPRIATE MEASURES SHALL BE TAKEN TO ENSURE REMOVAL OF ANY ACCUMULATED SEDIMENT OR DEBRIS TO ASSURE THE DESIGN CAPACITY OF THE FACILITY IS PROVIDED. SILT FENCES OR OTHER SEDIMENT CONTROL SHALL BE INSTALLED AS OUTLINE IN THE CONSTRUCTION PLANS AND THE SWPPP. LOCATIONS WHERE SILT FENCE SHALL BE INSTALLED INCLUDES, BUT IS NOT LIMITED TO, SIDE SLOPE AND DOWN SLOPE BOUNDARIES, INLET LOCATIONS, OUTLET LOCATIONS, WETLAND SETBACKS, OR AS OTHERWISE NOTED IN THE SWPPP. UPON COMPLETION OF CONSTRUCTION OR SOIL DISTURBING ACTIVITIES, SIDE SLOPES, SWALES, AND ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS AND LANDSCAPING AS SPECIFIED ON THE CONSTRUCTION DRAWINGS. NOTE THAT EROSION CONTROL IS SUBJECT TO THE SWPPP AND MAY BE AMENDED BY THE RESPONSIBLY AUTHORITY/OPERATOR AS NEEDED TO ENSURE SEDIMENTATION IS ADEQUATELY CONTROLLED.

5. STORMWATER MANAGEMENT PRACTICES

A. BEST MANAGEMENT PRACTICES

AFTER CONSTRUCTION, THE STORMWATER MANAGEMENT SYSTEM SHALL BE MAINTAINED IN ACCORDANCE WITH THE SPECIFIED STORMWATER MAINTENANCE NOTES IN THE INCLUDED CONSTRUCTION DRAWINGS AND/OR RESPECTIVE MAINTENANCE REPORTS. SPECIFICALLY, THE PROPOSED SMF(S) SHALL BE MOWED REGULARLY IN THE SPECIFIED AREAS; STORM PIPES AND STRUCTURES WILL BE INSPECTED SEMI-ANNUALLY AND CLEANED ANNUALLY.

B. VEGETATED SWALES

WHEN VEGETATED SWALES ARE UTILIZED, SILT FENCING OR EQUIVALENT SEDIMENT CONTROLS SHALL BE INSTALLED AT ADEQUATE INTERVALS TO COLLECT SEDIMENT ALONG THE SWALE. THE SEDIMENT SHALL BE REMOVED WHEN SEDIMENT REACHES ONE-THIRD OF THE HEIGHT OF THE SILT FENCING.

C. VELOCITY DISSIPATION DEVICES AT DISCHARGE POINTS

WHEN DISCHARGE POINTS ARE NOT LOCATED UNDER WATER, RIPRAP PADS HAVE BEEN PROVIDED AT LOCATIONS WHERE NECESSARY DUE TO ANTICIPATED DISCHARGE VELOCITIES. PLEASE SEE THE CONSTRUCTION PLANS FOR DETAILS AND LOCATIONS, AS NEEDED.

6. CONTROLS FOR OTHER POTENTIAL POLLUTANTS

A. WASTE DISPOSAL

DISPOSE OF ALL UNSUITABLE MATERIALS AND CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS. THE METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE SPECIFIED IN THE SWPPP OR APPROVED BY THE ENGINEER: PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES, DISPOSE OF ALL FERTILIZERS OR OTHER CHEMICAL CONTAINERS TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER, DISPOSE OF SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS, OFF THE PROJECT SITE IN APPROVED LOCATIONS. NO MATERIALS SHALL BE DISPOSED OF IN SURFACE WATERS OR WETLANDS.

B. OFF-SITE VEHICLE TRACKING & DUST CONTROL

TO MINIMIZE OFF-SITE VEHICULAR TRACKING OF SEDIMENTS AND DUST GENERATION, A STABILIZED CONSTRUCTION ENTRANCE AND SOIL TRACKING PREVENTION DEVICE SHALL BE ESTABLISHED AT ALL CONSTRUCTION ENTRANCES. INCLUDE THE FOLLOWING METHODS IN ADDITION TO THOSE SPECIFIED IN THE SWPPP OR AS DIRECTED BY THE ENGINEER: COVER LOADED HAUL TRUCKS WITH TARPAULINS, REMOVE EXCESS DIRT FROM ROADS DAILY, USE ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION OR MILLING OPERATIONS.

C. TEMPORARY POTABLE WATER AND SANITARY SEWER SYSTEMS

ENSURE THAT TEMPORARY/CONSTRUCTION POTABLE CONNECTIONS TO EXISTING PUBLIC WATER MAINS ARE INSTALLED IN ACCORDANCE WITH THE GOVERNING AUTHORITY/UTILITY OWNER'S REQUIREMENTS. IF TEMPORARY SANITARY SYSTEMS ARE UTILIZED DURING CONSTRUCTION PROPERLY CONTROL AND DISCHARGE ANY SANITARY WASTE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

D. FERTILIZER & PESTICIDES

THE USE OF FERTILIZERS, HERBICIDES, AND PESTICIDES ON THE PROJECT SITE WILL BE DIRECTED BY THE LANDSCAPE PLAN AND TO SUPPORT THE GROWTH OF THE PROPOSED VEGETATION. ESTABLISHING THIS VEGETATION WILL AID IN THE STABILIZATION OF THE PROJECT SITE AND REDUCE EROSION. APPLICATION RATES FOR THE FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS TO GUARD AGAINST OVERUSE, WHICH CAN LEAD TO VIOLATIONS OF STATE WATER QUALITY STANDARDS.

E. HAZARDOUS MATERIAL

THE SWPPP SHALL PROVIDE A LIST OF HAZARDOUS MATERIALS THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES. THE CONSTRUCTION SITE MUST BE IN COMPLIANCE WITH STATE (FDEP RULE CHAPTER 62-25 F.A.C.) AND FEDERAL REQUIREMENTS. IN ADDITION, THE CONSTRUCTION SITE SHALL BE ALSO BE IN COMPLIANCE WITH ALL APPLICABLE LOCAL CODES, ORDINANCES, OR REQUIREMENTS.

7. CHANGES TO THE STORMWATER POLLUTION PREVENTION PLAN

THE SWPP SHALL BE AMENDED TO REFLECT ANY APPLICABLE CHANGES IN A STATE, REGIONAL, OR LOCAL PERMIT FOR WHICH THE RESPONSIBLE AUTHORITY/OPERATOR RECEIVES WRITTEN NOTICE. WHEN WRITTEN NOTICE IS RECEIVED, THE RESPONSIBLE AUTHORITY/OPERATOR SHALL PROVIDE A RE-CREATION OF THE SWPPP, WHICH HAS BEEN REVISED TO ADDRESS SUCH CHANGES. AMENDMENTS TO THE PLAN SHALL BE PREPARED, SIGNED, DATED, AND KEPT AS ATTACHMENTS TO THE ORIGINAL PLAN.

8. MAINTENANCE

THE SWPPP SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGH THE DURATION OF THE PROJECT. THE MAINTENANCE PLAN SHOULD, AT A MINIMUM, THE SWPPP SHOULD COMPLY WITH THE FOLLOWING:

A. SILT FENCE: MAINTAIN PER FDOT STANDARD SPECIFICATION SECTION 104. ANTICIPATE REPLACEMENT OF SILT FENCE ON 12 MONTH INTERVALS.
B. SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURE'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.
C. STORMWATER PONDS: REMOVE SEDIMENT FROM THE PONDS OR BASINS WHEN IT BECOMES 1.5' DEEP AT ANY POINT OR AS DIRECTED BY THE ENGINEER
D. IF REPAIRS ARE REQUIRED TO ANY OF THE EROSION AND SEDIMENT CONTROLS, IT SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED.

12. INSPECTIONS

INSPECTION OF THE PROJECT SITE AND SEDIMENT & EROSION CONTROLS SHALL BE DONE IN ACCORDANCE WITH THE SWPPP. AT A MINIMUM, QUALIFIED PERSONNEL SHALL INSPECT ITEMS A - G AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF STORM EVENT THAT IS 0.50 INCHES OR GREATER. IN ORDER TO ENSURE COMPLIANCE, RAIN GAUGE(S) SHALL BE INSTALLED AND MAINTAINED AT THE PROJECT SITE TO RECORD THE DAILY RAINFALL AMOUNTS. IN PORTIONS OF THE PROJECT WHERE PERMANENT STABILIZATION HAS BEEN COMPLETED, CONDUCT INSPECTIONS AT LEAST ONCE EVERY MONTH.

ALL INSPECTIONS ARE TO BE RECORDED AND INCLUDE THE NAME(S) AND QUALIFICATION OF THE INSPECTOR, THE DATE OF INSPECTION, RAINFALL DATA, LOCATION AND CONDITION OF CONTROL MEASURES, OBSERVATIONS, AND CORRECTIVE ACTIONS RECOMMENDED. A COPY OF THE SWPPP INSPECTION REPORT FORM FROM FDEP HAS BEEN INCLUDED ON THIS SHEET AS AN EXAMPLE. ALSO, INSPECT AND ENSURE THAT CONTROLS INSTALLED IN THE FIELD CORRESPOND TO THOSE SPECIFIED ON THE CURRENT SWPPP.

AREAS TO INSPECT INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

A. POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES
B. POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS (MS4)
C. DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED
D. AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
E. STRUCTURAL CONTROLS
F. STORMWATER MANAGEMENT SYSTEMS
G. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE

INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTION THAT ITEMS ARE NOT IN GOOD WORKING ORDER. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, OR PREVENT DISCHARGING POLLUTANTS, PROVIDE ADDITIONAL MEASURES AS REQUIRED AND THE RESPONSIBLE AUTHORITY/OPERATOR SHALL REVISE THE SWPPP ACCORDINGLY.

13. NON-STORMWATER DISCHARGES

REFER TO THE SWPPP FOR ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOW FROM FIRE FIGHTING ACTIVITIES). THE SWPPP SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT THE POLLUTION OF THESE NON-STORMWATER DISCHARGES. SUCH DISCHARGES MAY INCLUDE IRRIGATION OPERATIONS OR RUNOFF GENERATED FROM CONSTRUCTION PRACTICES.

14. CONTRACTORS CERTIFICATION

ENSURE THAT ALL CONTRACTORS AND SUBCONTRACTORS WORKING WITHIN THE PROJECT AREA SIGN THE FOLLOWING CERTIFICATION, AN EXAMPLE FORM HAS BEEN PROVIDED ON THIS SHEET:

"I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder."

15. RETENTION OF RECORDS

THE RESPONSIBLE AUTHORITY/OPERATOR SHALL RETAIN COPIES OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), ALL REPORTS REQUIRED BY THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES, AND ALL DATA USED TO COMPLETE THE NOTICE OF INTENT FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THAT THE SITE HAS REACHED FINAL STABILIZATION AND THE NOTICE OF TERMINATION (N.O.T) IS SUBMITTED.

16. NOTICE OF TERMINATION

WHEN THE SITE HAS REACHED FINAL STABILIZATION AND ALL STORMWATER DISCHARGE AUTHORIZED BY THE GENERIC PERMIT HAS BEEN ELIMINATED, THE RESPONSIBLE AUTHORITY/OPERATOR SHALL SUBMIT A NOTICE OF TERMINATION (FDEP FORM 62-621.300(6)) THAT IS SIGNED IN ACCORDANCE WITH PART VII.C OF FDEP DOCUMENT NO. 62.621.300(4)(a) WITHIN 14 DAYS OF FINAL STABILIZATION OF THE SITE TO TERMINATE COVERAGE UNDER THIS PERMIT. THE ELIMINATION OF STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES MEANS THAT ALL DISTURBED SOILS AT THE SITE FINAL BEEN FINALLY STABILIZED AND ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME, OR THAT ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES FROM THE SITE THAT ARE AUTHORIZED BY THIS GENERIC PERMIT HAVE OTHERWISE BEEN ELIMINATED. FOR CONSTRUCTION ACTIVITIES WHERE THE RESPONSIBLE AUTHORITY/OPERATOR CHANGES, THE CURRENT RESPONSIBLE AUTHORITY/OPERATOR SHALL FILE A NOTICE OF TERMINATION WITHIN 14 DAYS OF RELINQUISHING CONTROL OF THE PROJECT TO THE NEW RESPONSIBLE AUTHORITY/OPERATOR. NOTE THAT COVERAGE UNDER THE GENERIC PERMIT IS NOT TRANSFERABLE.

THE NOTICE OF TERMINATION CAN BE SUBMITTED EITHER OF THE FOLLOWING WAYS:

A. ONLINE AT http://www.fldepportal.com/go/
B. EMAIL TO NPDES-stormwater@dep.state.fl.us
C. MAIL TO THE FOLLOWING ADDRESS:
NPDES STORMWATER NOTICES CENTER, MS# 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROJECTION
2600 BLAIRSTONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

IF THE PROJECT DISCHARGES TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4), THE RESPONSIBLE AUTHORITY/OPERATION SHALL ALSO SUBMIT A COPY OF THE NOTICE OF TERMINATION OR THE ACKNOWLEDGEMENT LETTER WITHIN SEVEN (7) CALENDAR DAYS OF RECEIPT TO THE OPERATOR OF THE MS4.

17. OWNER'S INSTRUCTIONS FOR MAINTENANCE AND INSPECTION OF STORMWATER FACILITIES

FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES AND NOTICE OF TERMINATION, THE OWNER WILL ASSUME RESPONSIBILITY FOR THE STORMWATER SYSTEM. THE ENTIRE STORMWATER SYSTEM SHOULD BE INSPECTED ON AT LEAST A SEMI-ANNUAL BASIS. THIS SHOULD INCLUDE A VISUAL INSPECTION OF THE POND, POND BANKS, BLEED-DOWN ORIFICES, OTHER CONTROL STRUCTURES, AND DISCHARGE PIPES. THESE SHOULD BE KEPT FREE OF DEBRIS AND CLEANED ON A FREQUENCY AS REQUIRED TO KEEP THEM FUNCTIONAL, AS DESIGNED. MOWING/CLEARING AROUND THE STRUCTURES MAY BE REQUIRED TO PREVENT VEGETATION FROM CLOGGING THEM.
SEDIMENT SUMPS, IF DESIGNED AND INSTALLED, SHOULD HAVE SEDIMENT REMOVED AS NECESSARY TO ALLOW THEM TO EFFICIENTLY REMOVE SUSPENDED PARTICLES. THEY SHOULD BE RE-DUG TO THE ORIGINAL DESIGN SPECIFICATIONS, IF SILTED IN.

FOR PERCOLATION TREATMENT PONDS/SWALES, THE OWNER OF THE FACILITY SHALL INSPECT THE POND BOTTOM PERIODICALLY AFTER HEAVY RAINFALL EVENTS TO CHECK FOR PERSISTENT PONDING OR POOLING OF WATER. ALL LARGE DEBRIS SHALL BE REMOVED AND DISPOSED OF ELSEWHERE. IF PROLONGED PONDING PERSISTS, I.E., IN EXCESS OF 72 HOURS, THE OWNER SHALL RAKE OR SCARIFY THE SURFACE. IF REQUIRED, THE SOIL IN THE AREA OF PONDING SHALL BE REMOVED AND REPLACED WITH CLEAN SANDY, NON-COHESIVE SOILS.

SPECIFIC CONDITIONS OF ALL PERMITS MAY REQUIRE ADDITIONAL MAINTENANCE ACTIVITIES ABOVE AND BEYOND THOSE OUTLINED ABOVE.
PLEASE BE AWARE OF ALL PERMIT CONDITIONS AS ISSUED BY REGULATORY AGENCIES TO ENSURE PERMIT COMPLIANCE.

Stormwater Pollution Prevention Plan Inspection Report Form

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

Project Name:__________ FDEP NPDES Stormwater Identification Number: FLR________

Location	Rain data	Type of control (see below)	Date installed / modified	Current Condition (see below)	Corrective Action / Other Remarks

Condition Code:
G = Good M = Marginal, needs maintenance or replacement soon P = Poor, needs immediate maintenance or replacement C = Needs to be cleaned O = Other

Control Type Codes

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gabion	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Curb and gutter	25. Hay Bales	34. Other
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

Inspector Information:

Name ________ Qualification ________ Date ________

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

* * * * * *

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name (Responsible Authority) ________ Date ________

CONTRACTOR/SUBCONTRACTOR CERTIFICATION STATEMENT

SITE NAME: ________
SITE LOCATION: ________

NOTE: THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MUST CLEARLY IDENTIFY, FOR EACH MEASURE IDENTIFIED WITHIN THE SWPPP, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT EACH MEASURE. ALL CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED IN THE SWPPP MUST SIGN THE FOLLOWING CERTIFICATION:

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER."

DATE	RESPONSIBLE INDIVIDUAL NAME	RESPONSIBLE INDIVIDUAL SIGNATURE	TITLE	COMPANY NAME, ADDRESS, AND PHONE NUMBER

100% REVIEW DOCUMENTS
NOT FOR CONSTRUCTION

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

DONOFRO ARCHITECTS
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SHEET TITLE: STORMWATER POLLUTION PREVENTION PLAN

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: JAC20CONV
DATE: 08-11-2023
DRAWN BY: MMF
CHECKED BY: DHM

SHEET No.
C5

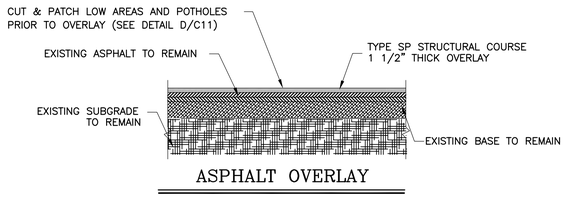
NOTES:

1. SOIL UNDER ALL PAVED AREAS (FILL AND CUT SECTIONS) SHALL BE COMPACTED TO 98% MODIFIED PROCTOR. BORROW MATERIAL, IF REQUIRED, IS TO BE PROVIDED BY THE CONTRACTOR AND SHALL HAVE A MINIMUM LBR VALUE OF 40.

2. SOIL COMPACTION AND BASE INPLACE TESTING SHALL BE PERFORMED BY A CERTIFIED TESTING LAB AT THE EXPENSE OF THE CONTRACTOR. DENSITIES FOR FILL MATERIAL, BASE MATERIAL AND OTHER AREAS WITH REQUIRED PERCENT OF COMPACTION SHALL BE TAKEN AT THE RATE OF ONE PER LIFT (6" MAXIMUM COMPACTED THICKNESS) PER 300 SY OR AS REQUIRED BY THE GEOTECHNICAL ENGINEER.

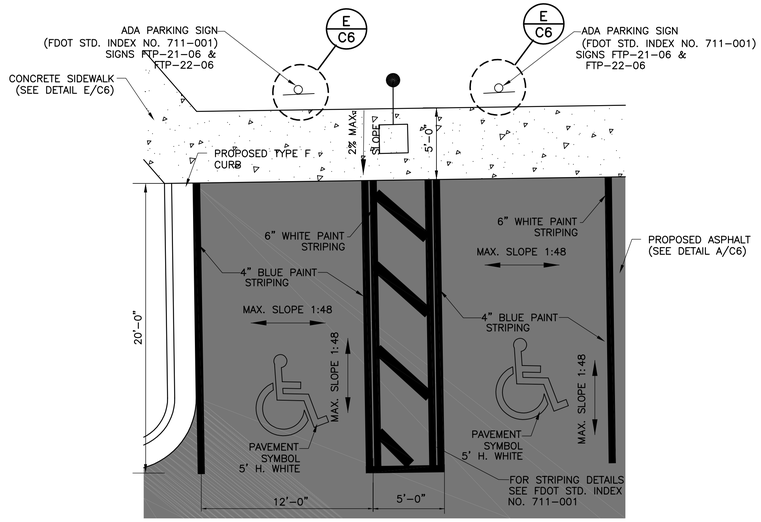
3. CONTRACTOR SHALL NOT PROCEED WITH PAVING UNTIL ENGINEER HAS OBSERVED PROOF ROLLING OF THE BASE AND ISSUED WRITTEN AUTHORIZATION TO PROCEED.

4. FINAL 1" LIFT OF ASPHALT SHALL NOT BE INSTALLED UNTIL THE END OF THE PROJECT AFTER ALL LANDSCAPING HAS BEEN INSTALLED.



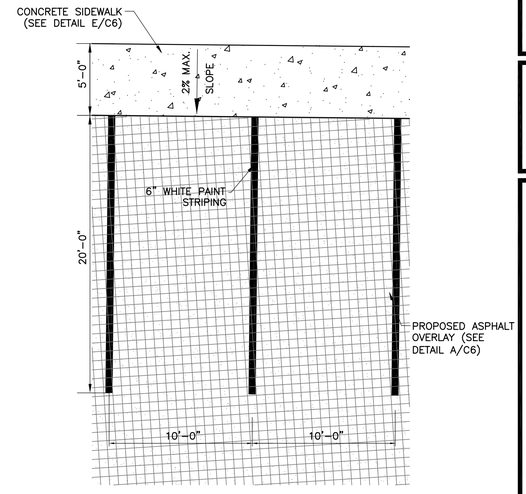
A/C2 TYP. PAVING DETAIL

N.T.S.



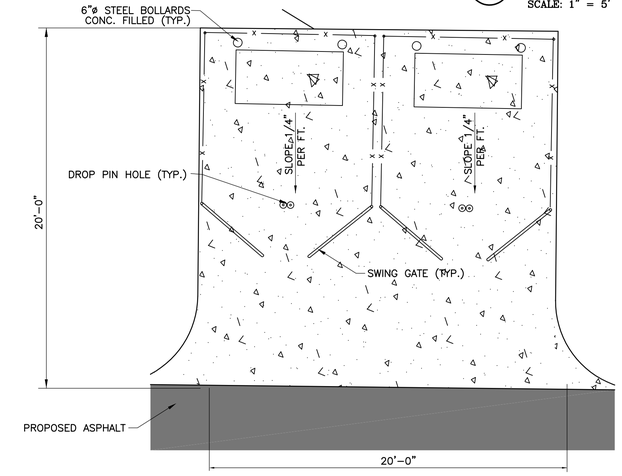
B/C2 ADA PARKING SPACE DETAIL

SCALE: 1" = 5'

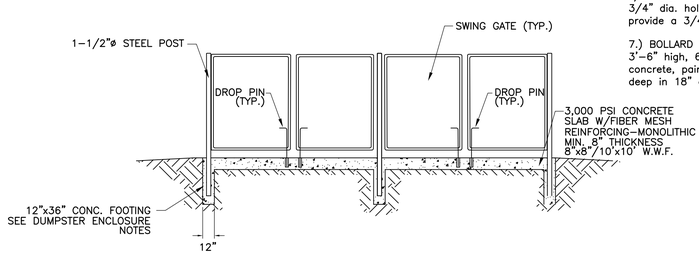


C/C2 REGULAR PARKING SPACE DETAIL

SCALE: 1" = 5'



PLAN



ELEVATION

F/C2 DUMPSTER ENCLOSURE DETAIL

SCALE: 1" = 4'

DUMPSTER ENCLOSURE NOTES

1.) POSTS

a.) SCH 40, 1-1/2" diameter galvanized steel pipe.

2.) FENCE

a.) 2" mesh with twisted and barbed selvage top and bottom. AASHTO M181 Type I-Zinc Coated Steel, No. 9 gage (coated wire diameter).

b.) Privacy-type slats inserted in fence.

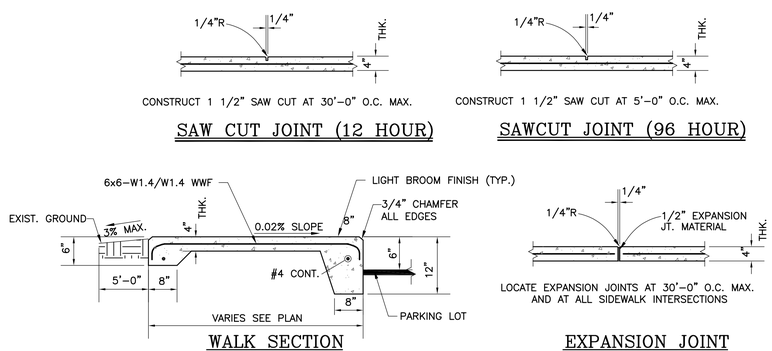
3.) FOOTINGS
12"x36" concrete w/welded wire fabric (W.W.F.), 3,000 PSI with fiber mesh reinforcing.

4.) CONCRETE SLAB
Monolithic, min. 8" thickness w/imbedded 8"x8"/10'x10' welded wire fabric (W.W.F.), 3000 P.S.I. with fiber mesh reinforcing.

5.) GATES
Constructed of min. 1-1/2" diameter galvanized tubular steel w/privacy-type slats inserted in galvanized steel mesh fabric, hinge-mounted on min. 3" diameter galvanized steel post. (Gates and post constructed and installed per applicable building code by licensed fence contractor).

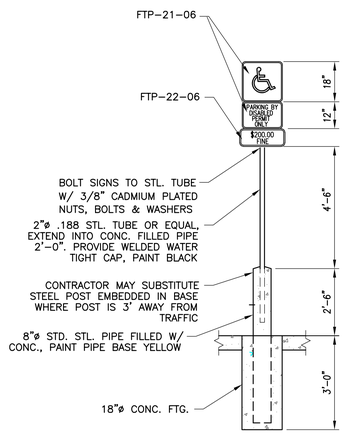
6.) DROP PIN
1/2" dia. 18" long metal rod gate latch. Provide 3/4" dia. hole 6" into concrete for rods. In asphalt provide a 3/4" P.V.C. sleeve, 6" long, or equal.

7.) BOLLARD
3'-6" high, 6" diameter steel pipe bollard filled with concrete, painted traffic yellow, imbedded 3'-0" deep in 18" concrete foundation.



D/C2 TYP. SIDEWALK SECTION

N.T.S.



E/C6 TYP. ADA PARKING SIGN

N.T.S.

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SHEET TITLE: SITE DETAILS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR: JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: JAC20CONV
DATE: 08-11-2023
DRAWN BY: MMF
CHECKED BY: DHM

SHEET No.
C6

DHM
MELVIN ENGINEERING
EB-0005637 LC-0000277
MARIANNA OFFICE
4428 Lafayette Street
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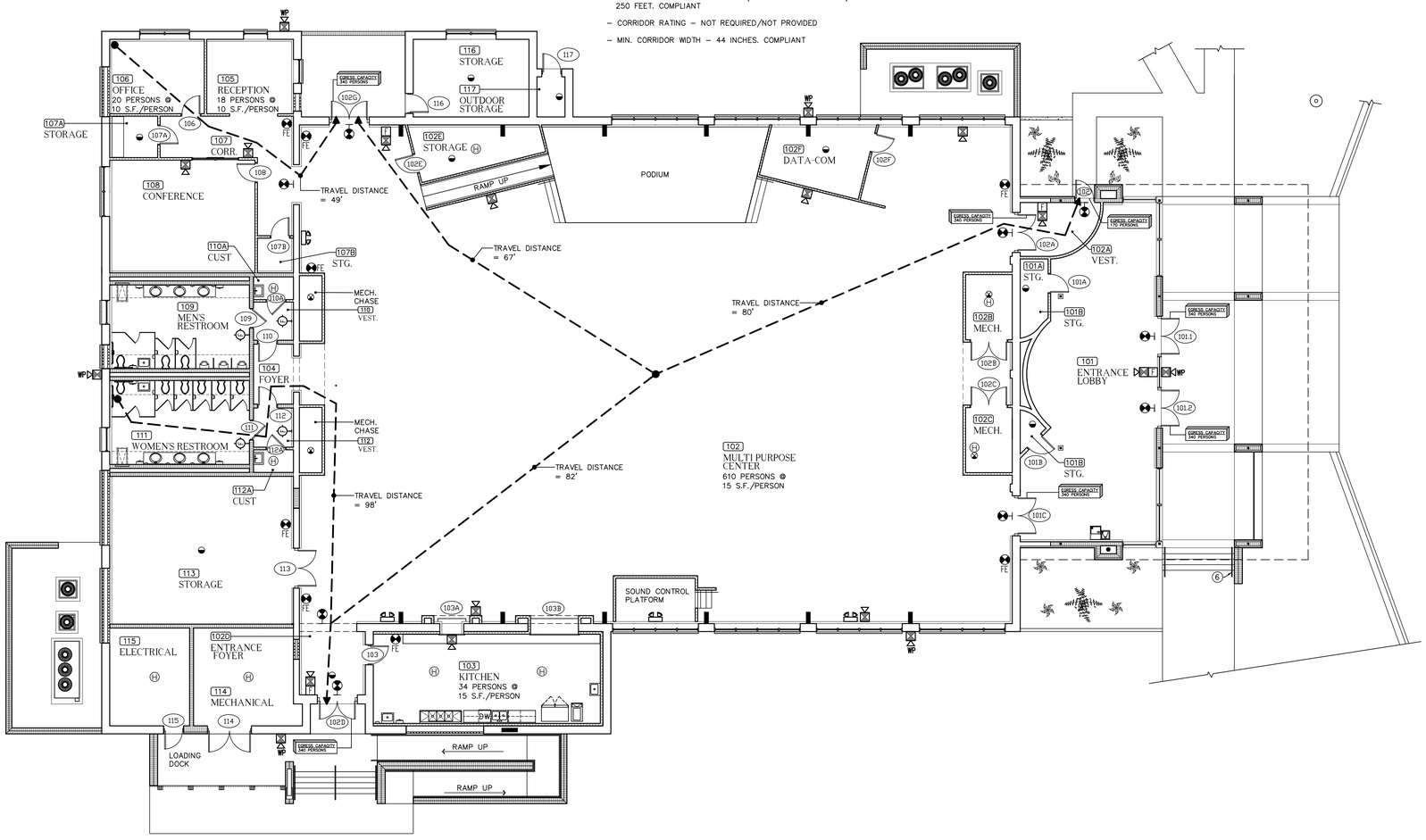
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FIRE ALARM LEGEND

	WALL MTD. EMERGENCY EXIT LIGHT		WALL MTD. EMERGENCY LIGHTS
	INDICATE'S MAXIMUM TRAVEL DISTANCE		WALL MTD. FIRE ALARM STROBE
F	F.A. WALL MTD. HORN STROBE W/ PULL BOX		CEILING MTD. HEAT DETECTOR
	F.A. WALL MTD. HORN STROBE	H	CEILING/TRUSS MTD. HEAT DETECTOR
WP	WATERPROOF F.A. WALL MTD. HORN STROBE	FE	WALL MTD. FIRE EXTINGUISHER

PROJECT INFORMATION

- FACILITY GROSS S.F. = 16,836 S.F.
- OCCUPANCY CLASSIFICATION – ASSEMBLY GROUP A-3
- CONSTRUCTION TYPE – V(5)-B
- OCCUPANT LOAD – 610 PERSONS
- AUTOMATIC FIRE PROTECTION SPRINKLER – REQUIRED / PROVIDED
- AUTOMATIC WET STAND PIPE – NOT REQUIRED/NOT PROVIDED
- PORTABLE FIRE EXTINGUISHERS – REQUIRED / PROVIDED
- FIRE ALARM & DETECTION SYSTEM – REQUIRED/PROVIDED
- FIRE EGRESS ILLUMINATION – REQUIRED/PROVIDED
- EXIT SIGNS – REQUIRED/PROVIDED
- MINIMUM # OF EXITS – MIN. 3 REQUIRED/PROVIDED
- MAX. TRAVEL DISTANCE TO EXIT (WITH SPRINKLER SYSTEM) 250 FEET, COMPLIANT
- CORRIDOR RATING – NOT REQUIRED/NOT PROVIDED
- MIN. CORRIDOR WIDTH – 44 INCHES, COMPLIANT



LIFE SAFETY PLAN

3/32" = 1'-0"

NORTH DIRECTION IS ASSUMED

REVIEW DOCUMENTS

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SHEET TITLE: LIFE SAFETY PLAN * LEGEND * NOTES

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG 11, 2023
DRAWN BY: C.L.D.
CHECKED BY: P.A.D., JR.

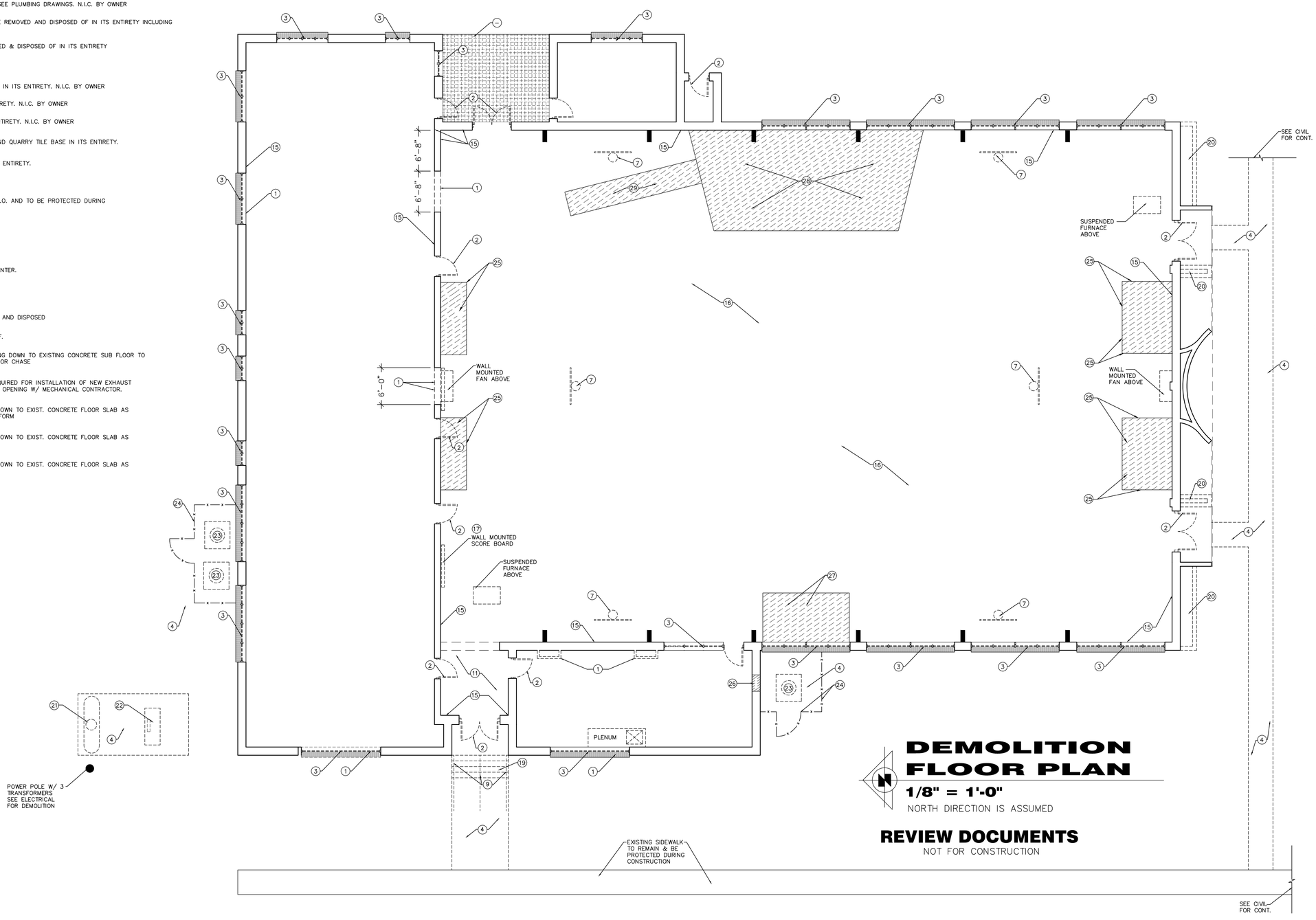
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DEMOLITION NOTES

1. ----- ON THIS PLAN INDICATES REMOVAL AND DISPOSAL OF EXISTING INTERIOR WALL ASSEMBLY IN ITS ENTIRETY. ARCHITECT TO BE NOTIFIED IF ANY WALLS INDICATED TO BE REMOVED ARE DETERMINED TO BE LOAD BEARING WALLS PRIOR TO REMOVAL.
2. EXISTING DOOR AND FRAME TO BE REMOVED AND DISPOSED OF.
3. EXISTING WINDOW UNIT TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY.
4. EXISTING CONCRETE SIDEWALK OR MECHANICAL YARD PAD TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY. REFER TO CIVIL DRAWINGS FOR CONSTRUCTION.
5. EXISTING SHELVING, CABINETRY, & OR COUNTER TOP TO BE REMOVED & DISPOSED OF IN ITS ENTIRETY. N.I.C. BY OWNER
6. EXIST. PLUMBING FIXTURE TO BE REMOVED & DISPOSED OF. SEE PLUMBING DRAWINGS. N.I.C. BY OWNER
7. EXISTING BASKETBALL GOAL AND SUPPORT STRUCTURE TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY INCLUDING ALL OPERATIONAL SYSTEMS.
8. EXISTING WOOD & STEEL BLEACHER ASSEMBLY TO BE REMOVED & DISPOSED OF IN ITS ENTIRETY INCLUDING ALL OPERATIONAL ACCESSORIES. N.I.C. BY OWNER
9. EXISTING PIPE HANDRAIL TO BE REMOVED AND DISPOSED OF.
10. EXISTING TOILET PARTITIONS TO BE REMOVED & DISPOSED OF IN ITS ENTIRETY. N.I.C. BY OWNER
11. REMOVE & DISPOSE OF EXISTING V.C.T. FLOORING IN ITS ENTIRETY. N.I.C. BY OWNER
12. REMOVE & DISPOSE OF EXISTING CARPET FLOORING IN ITS ENTIRETY. N.I.C. BY OWNER
13. REMOVE AND DISPOSE OF EXISTING QUARRY TILE FLOORING AND QUARRY TILE BASE IN ITS ENTIRETY.
14. REMOVE AND DISPOSE OF EXISTING ATHLETIC FLOORING IN ITS ENTIRETY.
15. REMOVE AND DISPOSE OF RUBBER BASE IN ITS ENTIRETY.
16. EXISTING GYMNASIUM WOOD FLOORING SYSTEM TO REMAIN U.N.O. AND TO BE PROTECTED DURING DEMOLITION AND RENOVATION
17. REMOVE AND DISPOSE OF EXISTING SCORE BOARD.
18. REMOVE AND DISPOSE OF EXISTING RAISED SHOWER CURB.
19. REMOVE AND DISPOSE OF EXISTING CONCRETE STAIRS.
20. REMOVE AND DISPOSE OF EXISTING MASONRY LANDSCAPE PLANTER.
21. REMOVE AND DISPOSE OF EXISTING PROPANE TANK.
22. REMOVE AND DISPOSE OF EXISTING EMERGENCY GENERATOR.
23. EXISTING OUTDOOR SECTION OF H.V.A.C UNIT TO BE REMOVED AND DISPOSED OF SEE MECHANICAL DRAWINGS.
24. EXISTING CHAINLINK FENCE TO BE REMOVED AND DISPOSED OF.
25. REMOVE AND DISPOSE OF EXISTING GYMNASIUM WOOD FLOORING DOWN TO EXISTING CONCRETE SUB FLOOR TO LIMITS AS SHOWN AS REQUIRED FOR NEW MECHANICAL ROOM OR CHASE
26. REMOVE & DISPOSE OF EXISTING WALL CONSTRUCTION AS REQUIRED FOR INSTALLATION OF NEW EXHAUST LOUVER. COORDINATED EXACT SIZE & LOCATION OF REQUIRED OPENING W/ MECHANICAL CONTRACTOR.
27. REMOVE & DISPOSE OF EXISTING WOOD GYM FLOOR SYSTEM DOWN TO EXIST. CONCRETE FLOOR SLAB AS REQUIRED FOR CONSTRUCTION OF NEW SOUND CONTROL PLATFORM
28. REMOVE & DISPOSE OF EXISTING WOOD GYM FLOOR SYSTEM DOWN TO EXIST. CONCRETE FLOOR SLAB AS REQUIRED FOR CONSTRUCTION OF NEW PODIUM PLATFORM
29. REMOVE & DISPOSE OF EXISTING WOOD GYM FLOOR SYSTEM DOWN TO EXIST. CONCRETE FLOOR SLAB AS REQUIRED FOR CONSTRUCTION OF NEW PODIUM ACCESS RAMP

GENERAL DEMOLITION NOTES

1. REMOVE AND DISPOSE OF EXISTING PLUMBING SYSTEM IN ITS ENTIRETY. ANY OBSOLETE WATER, WASTE VENT OR GAS PIPING NOT READILY ACCESSABLE TO BE REMOVED SHALL BE ABANDONED IN PLACE AND CAPPED. SEE PLUMBING DRAWINGS.
2. EXISTING H.V.A.C. SYSTEM TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY INCLUDING FAN UNITS, HEATING UNITS, AIR DISTRIBUTION, DUCT WORK, REFRIGERENT PIPING, CONTROLLS, WIRING, DIFFUSERS ETC.
3. EXISTING ELECTRICAL SYSTEM TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY INCLUDING ALL SWITCH GEAR, PANELS, WIRING, RACEWAYS, DISCONNECTS, LIGHTS, CONTROLS, SWITCHES, OUTLETS, ETC.



DEMOLITION FLOOR PLAN

1/8" = 1'-0"

NORTH DIRECTION IS ASSUMED

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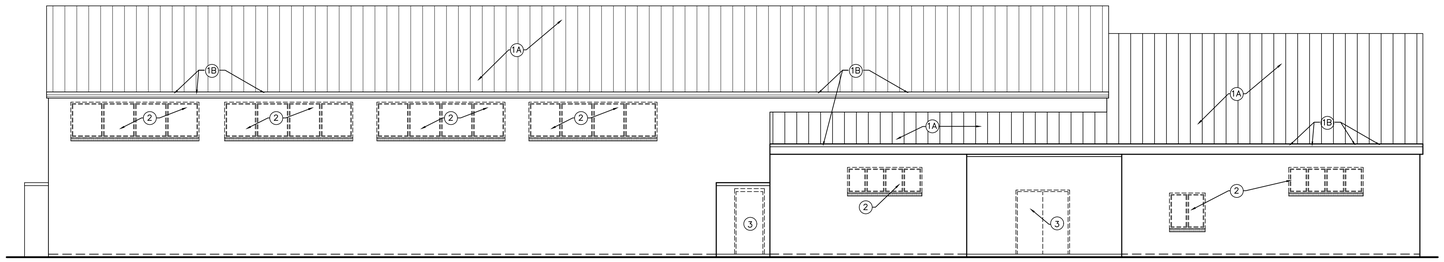
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SHEET TITLE: DEMOLITION FLOOR PLAN

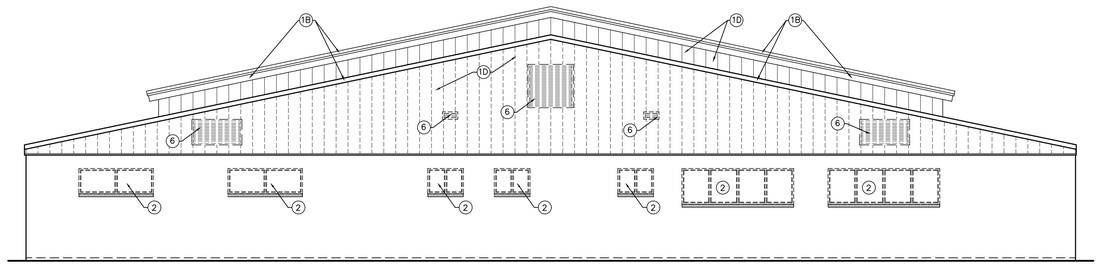
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ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG 11, 2023
DRAWN BY: S.G.D.
CHECKED BY: P.A.D., JR.

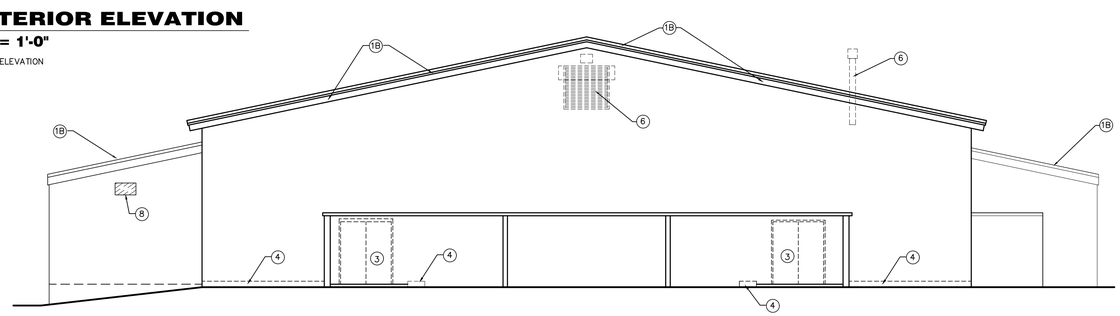
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D-1.0



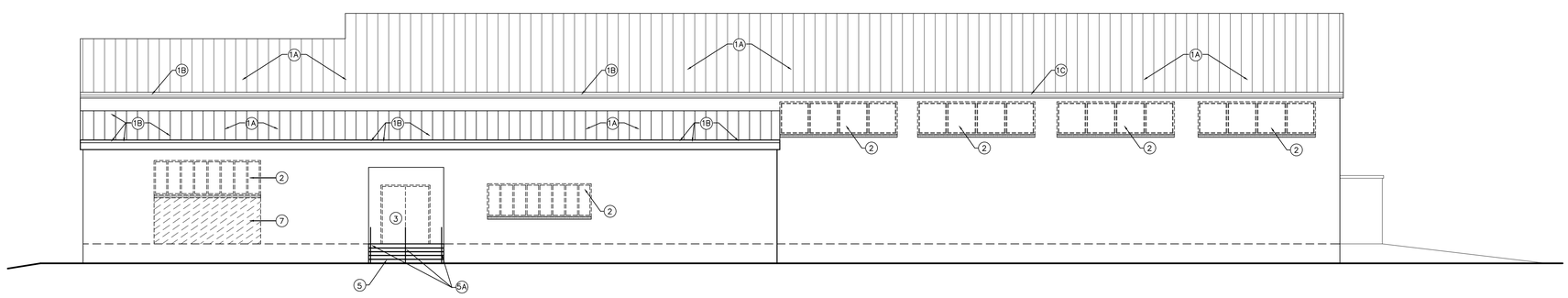
1 D-1.2 **EXTERIOR ELEVATION**
1/8" = 1'-0"
EAST ELEVATION



2 D-1.2 **EXTERIOR ELEVATION**
1/8" = 1'-0"
NORTH ELEVATION



3 D-1.2 **EXTERIOR ELEVATION**
1/8" = 1'-0"
SOUTH ELEVATION



4 D-1.2 **EXTERIOR ELEVATION**
1/8" = 1'-0"
WEST ELEVATION

EXTERIOR ELEVATION DEMOLITION NOTES

1A EXISTING 24 GA. METAL ROOF PANELS AND UNDERLAYMENT TO REMAIN INCLUDING ALL ASSOCIATED TRIM AND FASTNERS UNLESS NOTED OTHERWISE (U.N.O.)

1B EXISTING METAL FASCIA SYSTEM AND EAVE TRIM TO REMAIN

1C EXISTING METAL FASCIA PANELS TO REMAIN & TO BE PROTECTED DURING CONSTRUCTION

1D EXISTING METAL FASCIA PANELS TO BE REMOVED & DISPOSED OF

2 EXISTING WINDOW UNIT TO BE REMOVED AND DISPOSED OF IN ITS ENTIRETY.

3 EXISTING DOOR AND FRAME TO BE REMOVED AND DISPOSED OF.

4 REMOVE AND DISPOSE OF EXISTING MASONRY PLANTER CONSTRUCTION IN ITS ENTIRETY.

5 REMOVE AND DISPOSE OF EXISTING CONCRETE STAIRS/STEPS AS REQUIRED FOR NEW CONSTRUCTION.

5A REMOVE AND DISPOSE OF EXISTING STEEL PIPE HAND RAILS.

6 REMOVE AND DISPOSE OF EXISTING WALL MOUNTED LOUVER, BRICK VENT AND EXHAUST VENT STACK. SEE MECHANICAL DRAWINGS

7 REMOVE & DISPOSE OF EXISTING MASONRY ALL BELOW WINDOW AS REQUIRED FOR NEW DOOR INSTALLATION

8 REMOVE & DISPOSE OF EXISTING WALL CONSTRUCTION AS REQUIRED FOR NEW LOUVER. COORDINATE EXACT SIZE & LOCATION W/ MECH. CONTRACTOR

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SHEET TITLE: DEMOLITION EXTERIOR ELEVATIONS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4080 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

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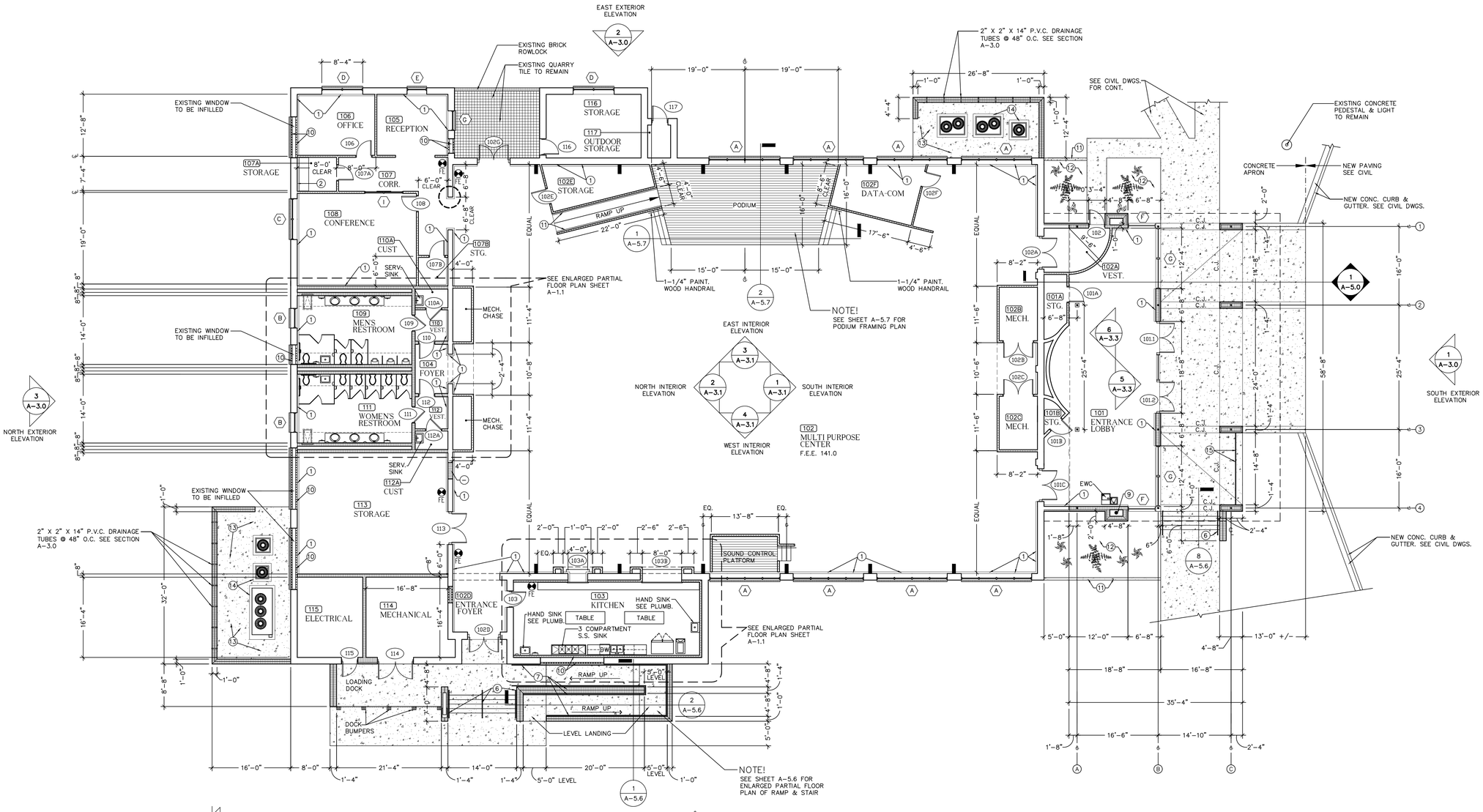
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D-1.1

GENERAL CONSTRUCTION NOTES

1. INSTALL 5/8" GYP. WALL BOARD OVER 1 1/2" GALV. STEEL Z FURRING STRIPS @ 16" O.C. W/ 1 1/2" OF RIGID EPS INSULATION IN BETWEEN. TYP. @ INTERIOR SIDE OF ALL EXTERIOR WALLS U.N.O.
2. INSTALL 5/8' IMPACT RESISTANT GYP. WALL BOARD OVER 1 1/2" DEEP GALV. STEEL "Z" FURRING STRIPS AT 16" O.C.
3. INSTALL 5/8' CEMENTUOUS "DURO ROCK" BACKER BOARD FOR CERAMIC WALL TILE ON 1–1/4" DEEP GALV. STEEL FURRING STRIPS AT 16" O.C.
4. CONSTRUCT 14" HIGH WOOD FRAMED PODIUM AS INDICATED. SEE CONSTRUCTION SECTION FOR DETAILS.
5. FIRE PROTECTION SYSTEM RISER WITH FLOW AND TAMPER SWITCH. SEE FIRE PROTECTION AND CIVIL DRAWINGS.
6. PROVIDE AND INSTALL 1 1/2'ø ALUMINUM PIPE STAIR HANDRAILS. SEE CONSTRUCTION SECTIONS AND DETAILS.
7. PROVIDE AND INSTALL 1 1/2'ø ALUMINUM PIPE RAMP HANDRAILS. SEE CONSTRUCTION SECTIONS AND DETAILS.
8. CONSTRUCT 24" DEEP PAINTED WOOD SHELVES AS PER DETAILS.
9. NEW ROOF LEADER SERVING ROOF DRAIN. SEE PLUMBING AND CIVIL DRAWINGS FOR CONTINUATION
10. INFILL EXIST. MASONRY OPENING WITH 2 ROWS OF 3–1/2" X 18 GA. STL. STUD FRAMING @ 16" O.C. & EIFS @ EXTERIOR & 5/8" GYP. BOARD @ INTERIOR SIDE
11. PROVIDE & INSTALL P.T. 6 X 6 LANDSCAPE TIMBER AS SHOWN FROM SIDEWALK TO BUILDING. SEE DETAILS THIS SHEET FOR INSTALLATION
12. PROVIDE & INSTALL WHITE RIVER ROCK (1–1/2" – 3" DIA.) OVER (2) LAYERS OF BLACK FILTER CLOTH AS REQ. TO INFILL ENTIRE AREA BETWEEN BUILDING, SIDEWALK, & LANDSCAPING TIMBER
13. CONSTRUCT 4" THICK CONCRETE MECH. YARD PAD AS SHOWN SLOPE PAD 1/8" PER FOOT AWAY FROM BUILDING. SEE DETAIL ON SHEET A–3.0 FOR MECH. YARD SCREEN WALL CONSTRUCTION
14. CONSTRUCT 4" THICK HIGH CONCRETE HOUSE KEEPING PAD EA. A/C UNIT COORDINATE EXACT SIZE & LOCATION W/ MECH. CONTRACTOR
15. FABRICATE & INSTALL 1–1/2" DIA. ALUM. PIPE GUARD RAIL AS PER ARCH. PLANS & ELEVATIONS

FLOOR PLAN LEGEND

- EXISTING STUD FRAMED WALL CONSTRUCTION
- EXISTING MASONRY WALL CONSTRUCTION
- NEW STUD FRAMED WALL CONSTRUCTION
- NEW MASONRY WALL CONSTRUCTION
- NEW REINFORCED CONCRETE SLAB, PAD, OR WALKWAY.
- GENERAL CONSTRUCTION NOTE REFERENCE SYMBOL
- WINDOW TYPE REFERENCE SYMBOL
- ROOM FINISH SCHEDULE REFERENCE SYMBOL
- DOOR SCHEDULE REFERENCE SYMBOL
- TOILET ROOM ACCESSORY SCHEDULE REFERENCE SYMBOL
- FOOD SERVICE EQUIPMENT SCHEDULE REFERENCE SYMBOL
- F.E. — FIRE EXTINGUISHER LOCATION
- DETAIL NUMBER / SHEET NUMBER — EXTERIOR & INTERIOR ELEVATION SYMBOL
- DETAIL NUMBER / SHEET NUMBER — SECTION & DETAIL REFERENCE SYMBOL



FLOOR PLAN

3/32" = 1'-0"

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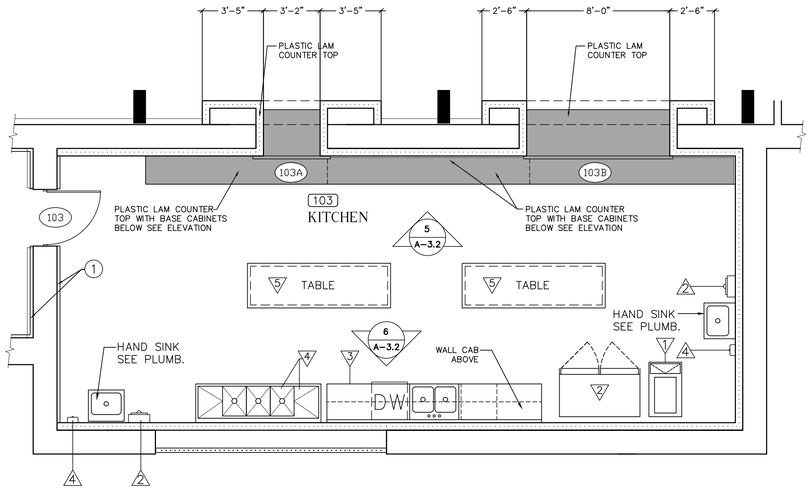
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SHEET | FLOOR PLAN * FLOOR PLAN LEGEND *
TITLE: GENERAL CONSTRUCTION NOTES

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

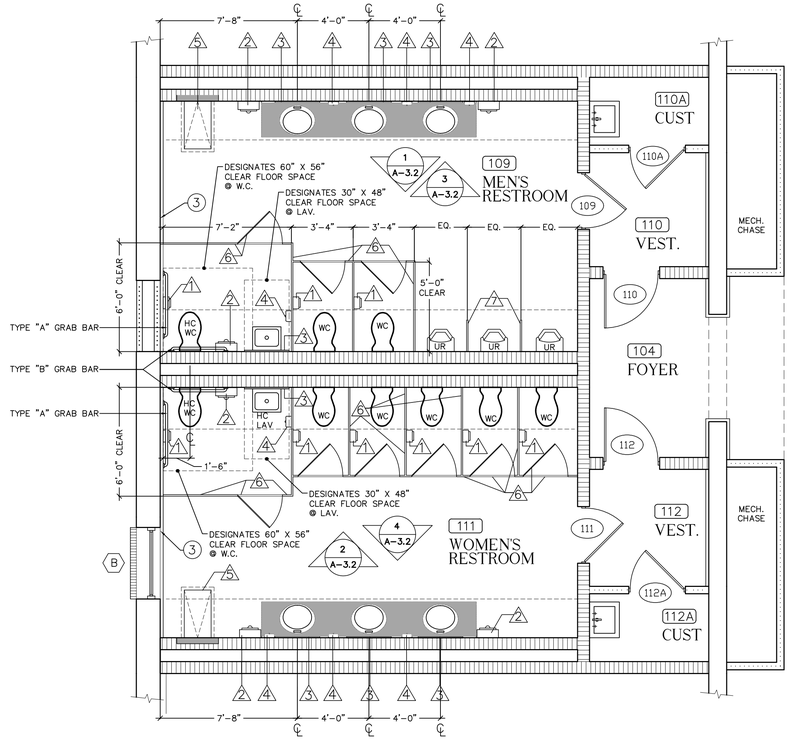
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SHEET No.
A-1.0



ENLARGED PARTIAL FLOOR PLAN

1/4" = 1'-0"



ENLARGED PARTIAL FLOOR PLAN

1/4" = 1'-0"

KITCHEN EQUIPMENT SCHEDULE

MARK	DISCRIPTION	MODEL	SIZE	REMARKS
1	ELECTRIC ICE MAKER & STORAGE BIN	COOL AIRE KDT-0420A	22"W X 34"D X 71 TALL	
2	2 DOOR REACH-IN REFRIGERATOR	BLUE AIR BSR 49	54"W X 32.5"D X 82.4"H	BOTTOM MOUNT COMPRESSOR 49 CU FT CAPACITY WITH SOLID DOORS
3	UNDER COUNTER RESIDENTIAL DISHWASHER	G.E. PDP715SYNFS	34"H X 23 3/4"W X 24"D	
4	S.S. 3 COMPARTMENT SINK WITH 24" DRAIN BOARDS	ADVANCE TAB FC-3.182418EL	90"L X 30"D	
5	STAINLESS STEEL WORK TABLE	ELAG-307-X ADVANCE TAB	84"L X 30"D	

TOILET ROOM ACCESSORIES SCHEDULE

MARK	DISCRIPTION	MODEL	SIZE	REMARKS
1	COMMERCIAL TLT. TISSUE HOLDER / DISPENSER	BOBRICK 540MBLK		14GA. TYPE 304 STAINLESS STL., DOUBLE ROLL
2	COMMERCIAL PAPER TOWEL DISPENSER	BOBRICK B-262	10.75" X 14" X 4"	SURFACE MTD., STAINLESS STEEL ADA COMPLIANT 400 C-FOLD TOWEL CAPACITY
3	STAINLESS STEEL FRAME MIRROR	BOBRICK 2902436	24"W X 36"H	1 PIECE 3/4 ROLL FORMED TYPE 304 S.S. FRAME No.1 QUALITY 1/4" GLASS
4	COMMERCIAL LIQUID SOAP DISPENSER	BOBRICK B-211	8-1/8" X 4-3/4" X 3-1/2"	SURFACE MTD., STAINLESS STEEL 40 OZ. CAPACITY, ADA COMPLIANT
5	BABY CHANGING STATION	KOALA CARE KB310-SSWM	43-3/4" X 28-5/8" X 6"	STAINLESS STEEL WALL MTD. ADA COMPLIANT 50 LB. CAPACITY
6	SOLID PLASTIC TOILET PARTITIONS			SEE SPECS.
7	SOLID PLASTIC URINAL SCREENS			SEE SPECS.

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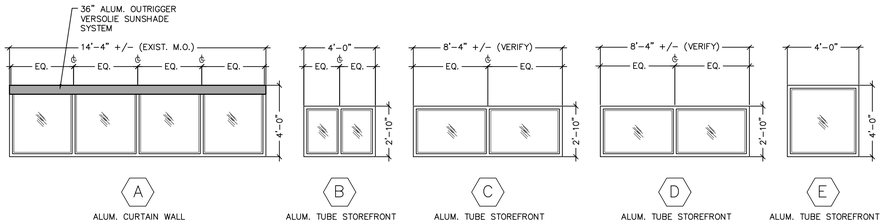
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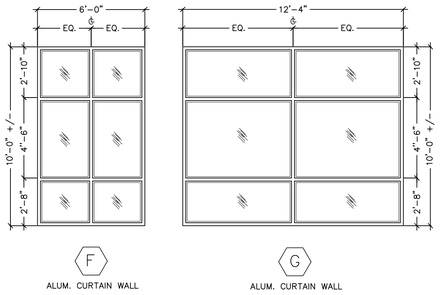
SHEET TITLE: ENLARGED PARTIAL FLOOR PLAN * INTERIOR ELEVATIONS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
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FOR:
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MARIANNA, FLORIDA

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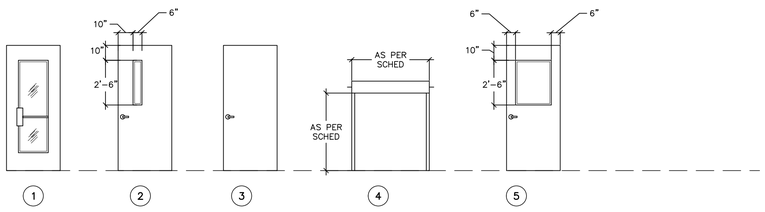


WINDOW TYPES

1/4" = 1'-0"

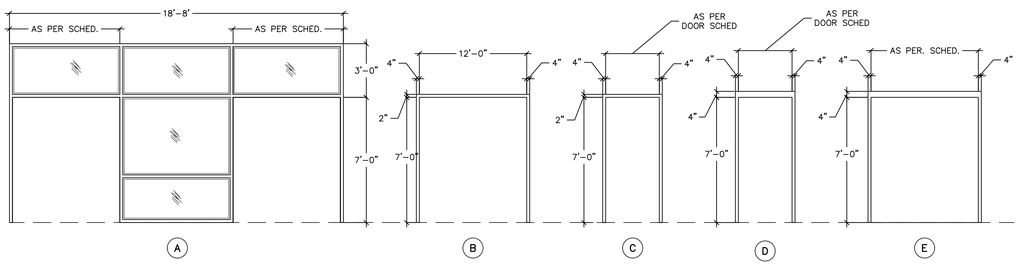
NOTE!

ALL WINDOWS SHOWN TO BE INSTALLED IN EXISTING MASONRY OPENINGS, CONTRACTOR SHALL FIELD VERIFY MASONRY OPENINGS SIZE PRIOR TO SHOP & FABRICATIONS



DOOR TYPES

1/4" = 1'-0"



DOOR FRAME TYPES

1/4" = 1'-0"

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOORING: CERAMIC TILE	FLOORING: L.V.T.	FLOORING: CARPET TILE	FLOORING: REPAIR REFINISH EXIST WOOD GYM FLOORING	FLOORING: SEALED CONC.	FLOORING: .	BASE: CERAMIC TILE	BASE: PAINTED WOOD	BASE: RUBBER	BASE: NONE	WALLS: PAINTED CONC. BLOCK	WALLS: PAINTED GYP BOARD	WALLS: EPOXY PAINTED GYP. BOARD	WALLS: EPOXY PAINT BLOCK	WALLS: CERAMIC TILE	WALLS: REPAINT EXIST	CEILING: SUSPENDED ACOUSTICAL TILE	CEILING: ACOUSTICAL TILE GYP. BOARD TILE	CEILING: PAINTED GYP. BOARD	CEILING: REPAINT EXIST	CEILING: EXISTING	CHAIR RAIL	CROWN MOLDING	CEILING HEIGHT	REMARKS	ROOM NUMBER
101	ENTRANCE LOBBY	●							●				●					●		●							101
101A	MECHANICAL					●					●		●								●						101A
101B	STORAGE					●				●			●								●						101B
102	MULTI– PURPOSE				●					●		●	●									●					102
102A	VESTIBULE	●						●					●		●		●			●							102A
102B	MECHANICAL					●					●		●							●							102B
102C	MECHANICAL					●					●		●							●							102C
102D	WEST ENTRANCE FOYER	●							●								●	●									102D
102E	STORAGE				●					●			●				●			●							102E
102F	DATA–COM				●					●			●				●			●							102F
103	KITCHEN	●	●					●							●				●								103
104	FOYER	●						●							●			●									104
105	RECEPTION			●						●			●					●									105
106	OFFICE			●						●			●					●									106
107	CORRIDOR			●						●			●					●									107
107A	STORAGE			●						●			●					●									107A
107B	STORAGE			●						●			●					●									107B
108	CONFERENCE			●					●				●					●									108
109	MEN'S RESTROOM	●						●								●			●								109
110	VESTIBULE	●						●							●	●	●		●								110
110A	CUSTODIAL	●						●								●				●							110A
111	WOMEN'S RESTROOM	●	●					●								●			●								111
112	VESTIBULE	●						●							●	●	●		●								112
112A	CUSTODIAL	●	●					●								●				●							112A
113	STORAGE					●				●		●	●						●								113
114	MECHANICAL					●					●	●					●			●						INSTALL 5/8" GYP. BOARD CLG. & 1.5" GALV. STL. HAT CHANNEL @ 16" O.C. @ BOTT. OF EXIST. STL. JOISTS	114
115	ELECTRICAL					●					●	●					●			●						INSTALL 5/8" GYP. BOARD CLG. & 1.5" GALV. STL. HAT CHANNEL @ 16" O.C. @ BOTT. OF EXIST. STL. JOISTS	115
116	STORAGE						●				●						●						●				116
117	OUTDOOR STORAGE						●				●						●						●				117

DOOR SCHEDULE

DOOR NUMBER	DOOR SIZE: WIDTH	DOOR SIZE: HEIGHT	DOOR SIZE: THICKNESS	DOOR DESCRIPTION	DOOR TYPE	FRAME DESCRIPTION	FRAME TYPE	HARDWARE: SET. NUMBER	HARDWARE: CLOSER	HARDWARE: WEATHER STRIPPING	REMARKS	SIGNAGE	DOOR NUMBER
101.1	3'–0"	7'–0"	1–¾"	ALUMINUM FRAME GLASS PANEL	1	ALUM. TUBE STOREFRONT	A		●	●	PAIR OF DOORS		101.1
101.2	3'–0"	7'–0"	1–¾"	ALUMINUM FRAME GLASS PANEL	1	ALUM. TUBE STOREFRONT	A		●	●	PAIR OF DOORS		101.2
101A	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C					STORAGE	101A
101B	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C						101B
101C	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	2	HOLLOW METAL	E		●		PAIR OF DOORS	MULT PURPOSE	101C
102	3'–0"	7'–0"	1–¾"	HOLLOW METAL FLUSH PANEL	2	HOLLOW METAL	D		●	●			102
102A	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	2	HOLLOW METAL	E		●		PAIR OF DOORS	MULT PURPOSE	102A
102B	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C				PAIR OF DOORS	MECHANICAL	102B
102C	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C				PAIR OF DOORS	MECHANICAL	102C
102D	3'–0"	7'–0"	1–¾"	HOLLOW MTL. FLUSH PANEL	2	HOLLOW METAL	B				PAIR OF DOORS		102D
102E	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C					STORAGE	102E
102F	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C					DATA–COM	102F
102G	3'–0"	7'–0"	1–¾"	HOLLOW METAL FLUSH PANEL	2	HOLLOW METAL	B				PAIR OF DOORS		102G
103	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	2	HOLLOW METAL	D					KITCHEN	103
103A	4'–0"	4'–4"		STEEL ROLL UP DOOR	4								103A
103B	8'–0"	4'–4"		STEEL ROLL UP DOOR	4								103B
104				NO DOOR FOR THIS NUMBER		NO DOOR FOR THIS NUMBER					NO DOOR FOR THIS NUMBER		104
105				NO DOOR FOR THIS NUMBER		NO DOOR FOR THIS NUMBER					NO DOOR FOR THIS NUMBER		105
106	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	2	HOLLOW METAL	C					OFFICE	106
107A	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C					STORAGE	107
107B	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C						
108	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	5	HOLLOW METAL	C					CONFERENCE	108
109	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	D		●			MEN'S RESTROOM	109
110	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	D		●			MEN'S RESTROOM	110
110A	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C					CUSTODIAL	110A
111	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	D		●			WOMEN'S RESTROOM	111
112	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	D		●			WOMEN'S RESTROOM	112
112A	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	C					CUSTODIAL	112A
113	3'–0"	7'–0"	1–¾"	SOLID WOOD FLUSH PANEL	3	HOLLOW METAL	B				PAIR OF DOORS	STORAGE	113
114	3'–6"	7'–0"	1–¾"	HOLLOW METAL FLUSH PANEL	3	HOLLOW METAL	B			●	PAIR OF DOORS	MECHANICAL	114
115	3'–0"	7'–0"	1–¾"	HOLLOW METAL FLUSH PANEL	3	HOLLOW METAL	D			●		ELECTRICAL	115
116	3'–0"	7'–0"	1–¾"	HOLLOW METAL FLUSH PANEL	2	HOLLOW METAL	C			●		STORAGE	116
117	3'–0"	7'–0"	1–¾"	HOLLOW METAL FLUSH PANEL	3	HOLLOW METAL	C			●		STORAGE	117

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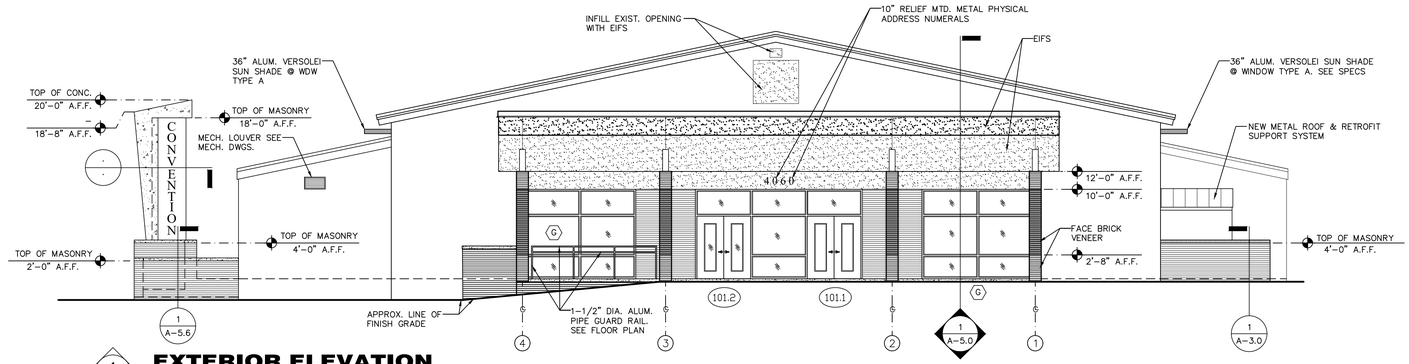
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2910 CALEDONIA ST. P.O. BOX 861
MARIANNA, FL 32446 MARIANNA, FL 32447
OFFICE: (850) 482–5261 FAX: (850) 482–8609

SHEET | DOOR AND WINDOW TYPES * ROOM SCHEDULE
TITLE: DOOR SCHEDULE

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M–2020–20
DATE: AUG 11, 2023
DRAWN BY: S.G.D.
CHECKED BY: P.A.D., JR.

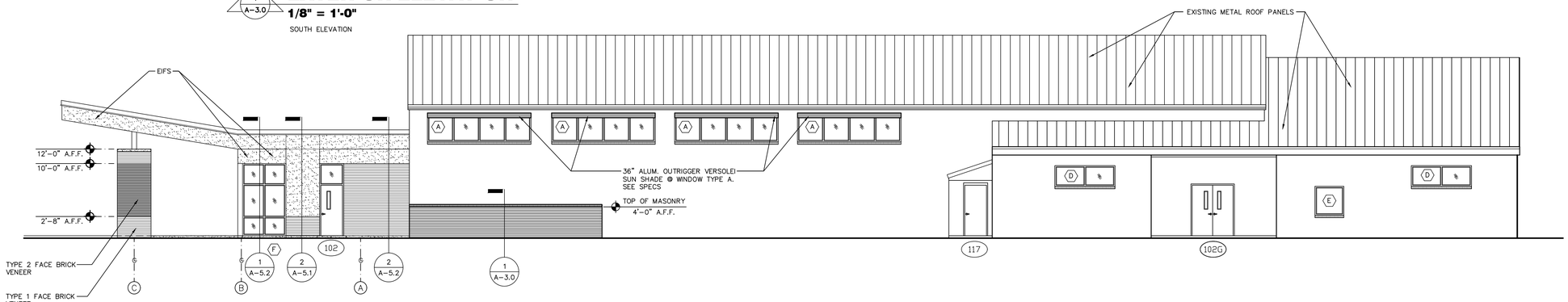
SHEET No.
A-2.0



EXTERIOR ELEVATION

1 A-3.0 — **1/8" = 1'-0"**

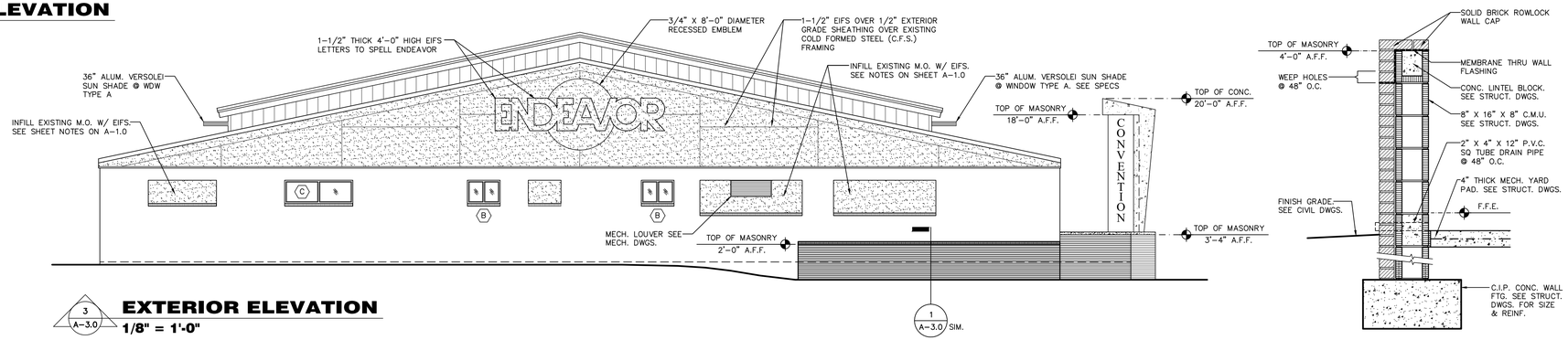
SOUTH ELEVATION



EXTERIOR ELEVATION

2 A-3.0 — **1/8" = 1'-0"**

EAST ELEVATION



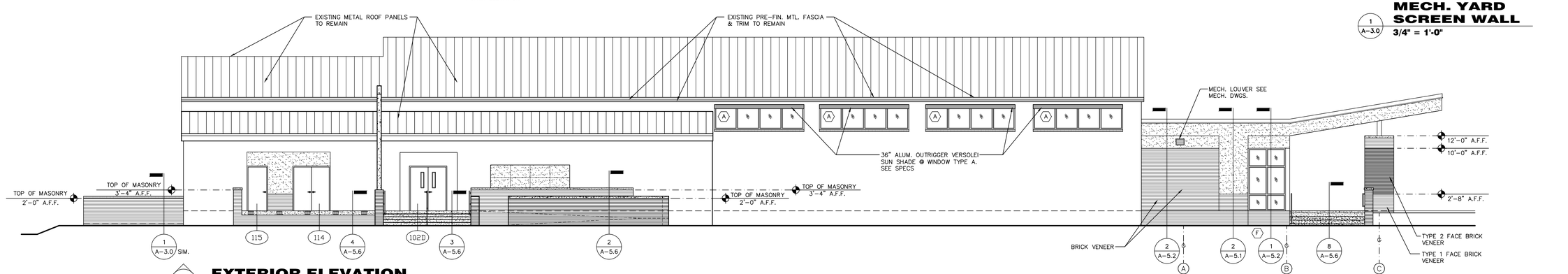
EXTERIOR ELEVATION

3 A-3.0 — **1/8" = 1'-0"**

NORTH ELEVATION

MECH. YARD SCREEN WALL

1 A-3.0 — **3/4" = 1'-0"**



EXTERIOR ELEVATION

4 A-3.0 — **1/8" = 1'-0"**

WEST ELEVATION

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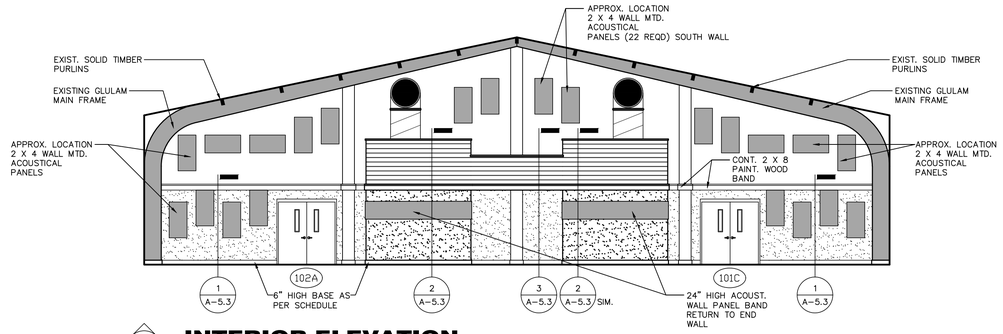
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MARIANNA, FL 32446
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MARIANNA, FL 32447
FAX: (850) 482-8609

SHEET TITLE: EXTERIOR ELEVATIONS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG 11, 2023
DRAWN BY: S.G.D.
CHECKED BY: P.A.D., JR.

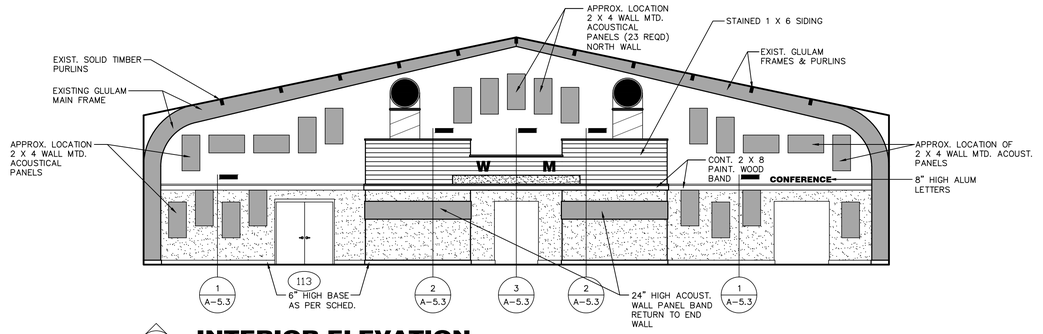
SHEET No.
A-3.0



1 A-3.1 **INTERIOR ELEVATION**

1/8" = 1'-0"

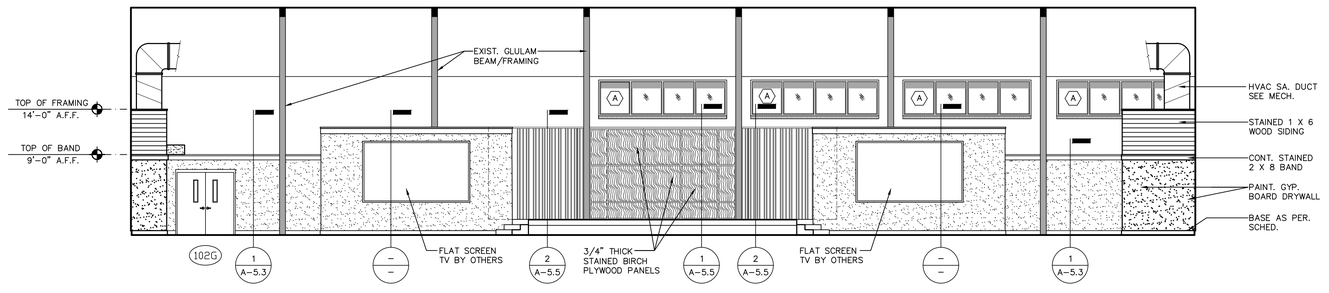
SOUTH WALL MULTI PURPOSE CENTER



2 A-3.1 **INTERIOR ELEVATION**

1/8" = 1'-0"

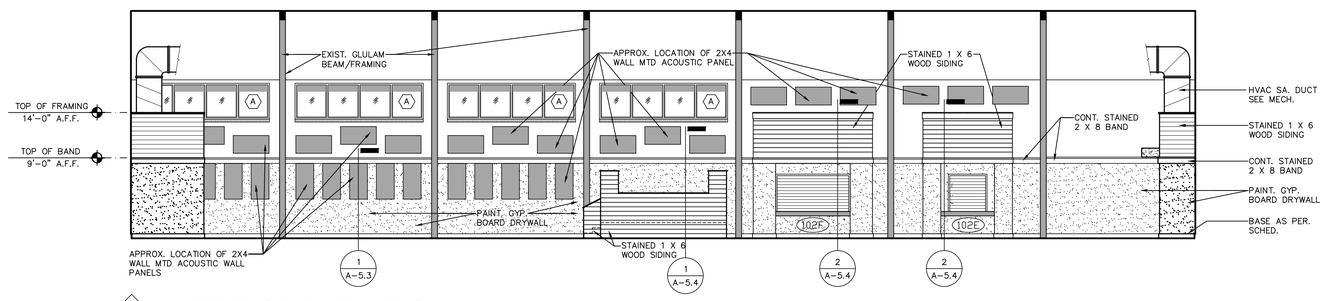
NORTH WALL MULTI PURPOSE CENTER



3 A-3.1 **INTERIOR ELEVATION**

1/8" = 1'-0"

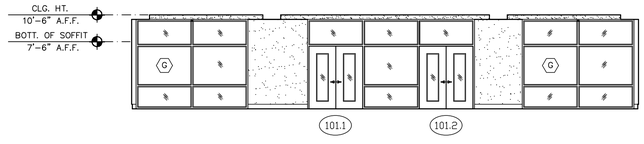
EAST WALL MULTI PURPOSE CENTER



4 A-3.1 **INTERIOR ELEVATION**

1/8" = 1'-0"

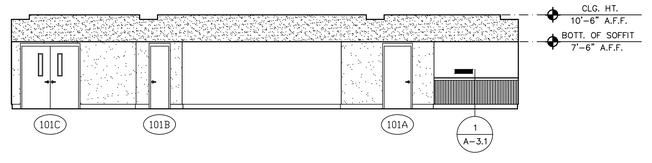
WEST WALL MULTI PURPOSE CENTER



5 A-3.1 **INTERIOR ELEVATION**

1/8" = 1'-0"

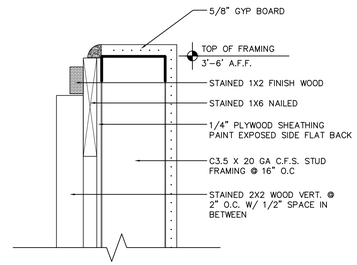
SOUTH WALL ENTRANCE FOYER



6 A-3.1 **INTERIOR ELEVATION**

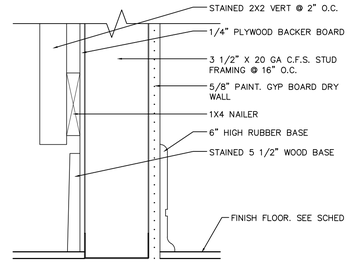
1/8" = 1'-0"

NORTH WALL ENTRANCE FOYER



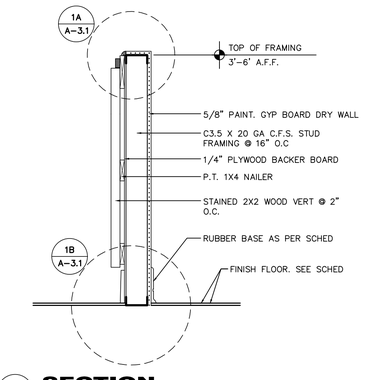
1A A-3.1 **DETAIL**

3" = 1'-0"



1B A-3.1 **DETAIL**

3" = 1'-0"



1 A-3.1 **SECTION**

1" = 1'-0"

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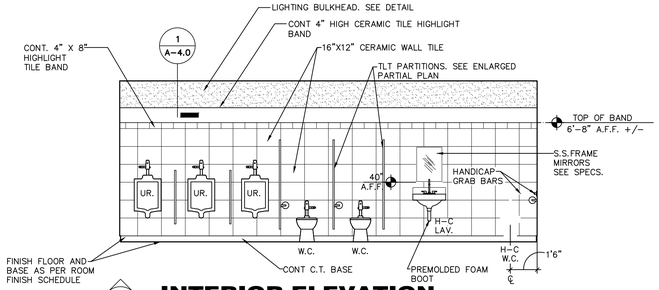
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SHEET TITLE: INTERIOR ELEVATIONS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4080 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG 11, 2023
DRAWN BY: S.G.D./E.J.B.
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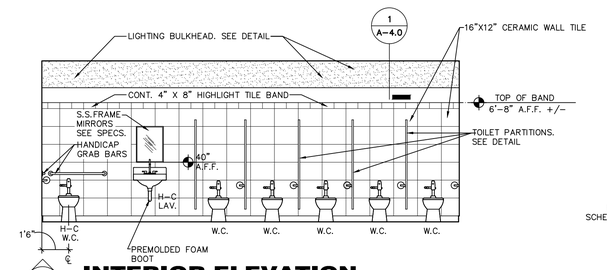
SHEET No.
A-3.1



1 A-3.2 **INTERIOR ELEVATION**

1/4" = 1'-0"

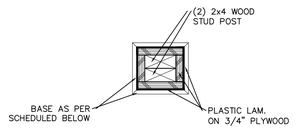
WEST WALL MEN'S REST ROOM/SHOWER ROOM 109/109A



2 A-3.2 **INTERIOR ELEVATION**

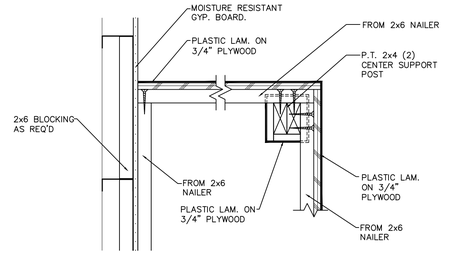
1/4" = 1'-0"

EAST WALL WOMEN'S REST ROOM/SHOWER ROOM 111/111A



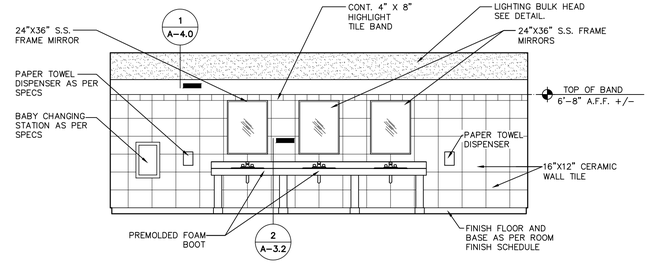
2B A-3.2 **SUPPORT POST SECTION**

1-1/2" = 1'-0"



2A A-3.2 **VANITY PLAN DETAIL**

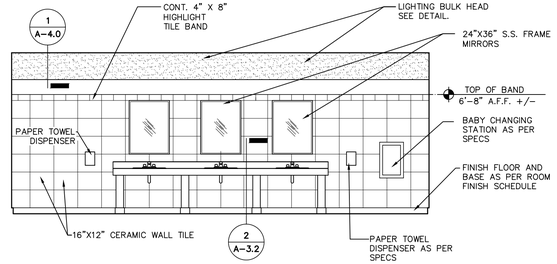
1-1/2" = 1'-0"



3 A-3.2 **INTERIOR ELEVATION**

1/4" = 1'-0"

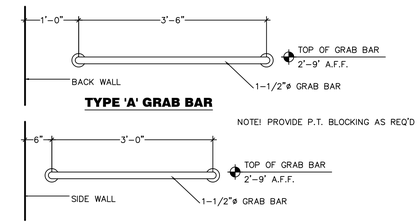
EAST WALL MEN'S RESTROOM 109



4 A-3.2 **INTERIOR ELEVATION**

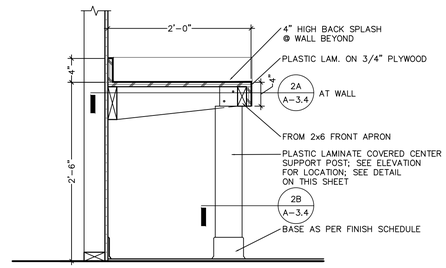
1/4" = 1'-0"

WEST WALL WOMEN'S RESTROOM 109



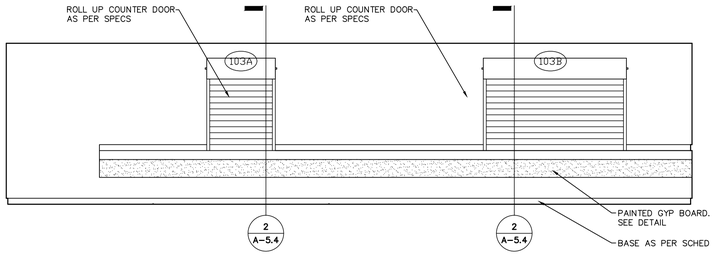
GRAB BAR SCHEDULE

3/4" = 1'-0"



2 A-3.2 **VANITY SECTION**

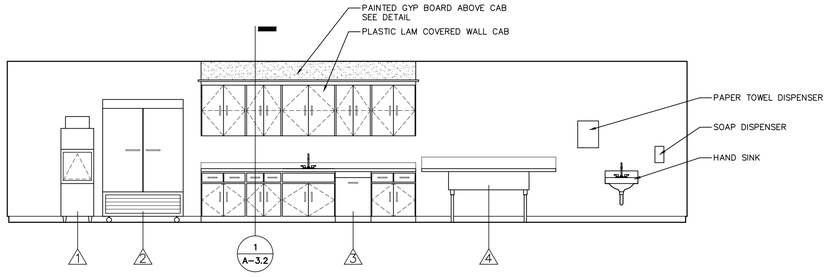
1" = 1'-0"



5 A-3.2 **INTERIOR ELEVATION**

1/4" = 1'-0"

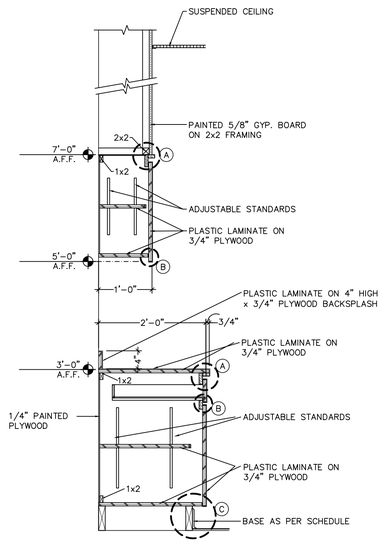
EAST WALL KITCHEN ROOM 103



6 A-3.2 **INTERIOR ELEVATION**

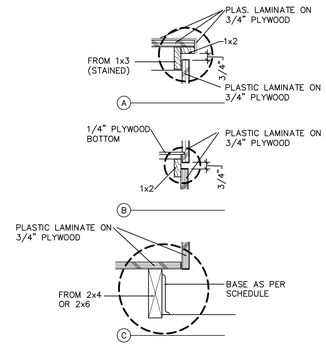
1/4" = 1'-0"

WEST WALL KITCHEN ROOM 103



1 A-3.2 **BASE / WALL CABINET SECTION**

3/4" = 1'-0"



CABINET DETAILS

1-1/2" = 1'-0"

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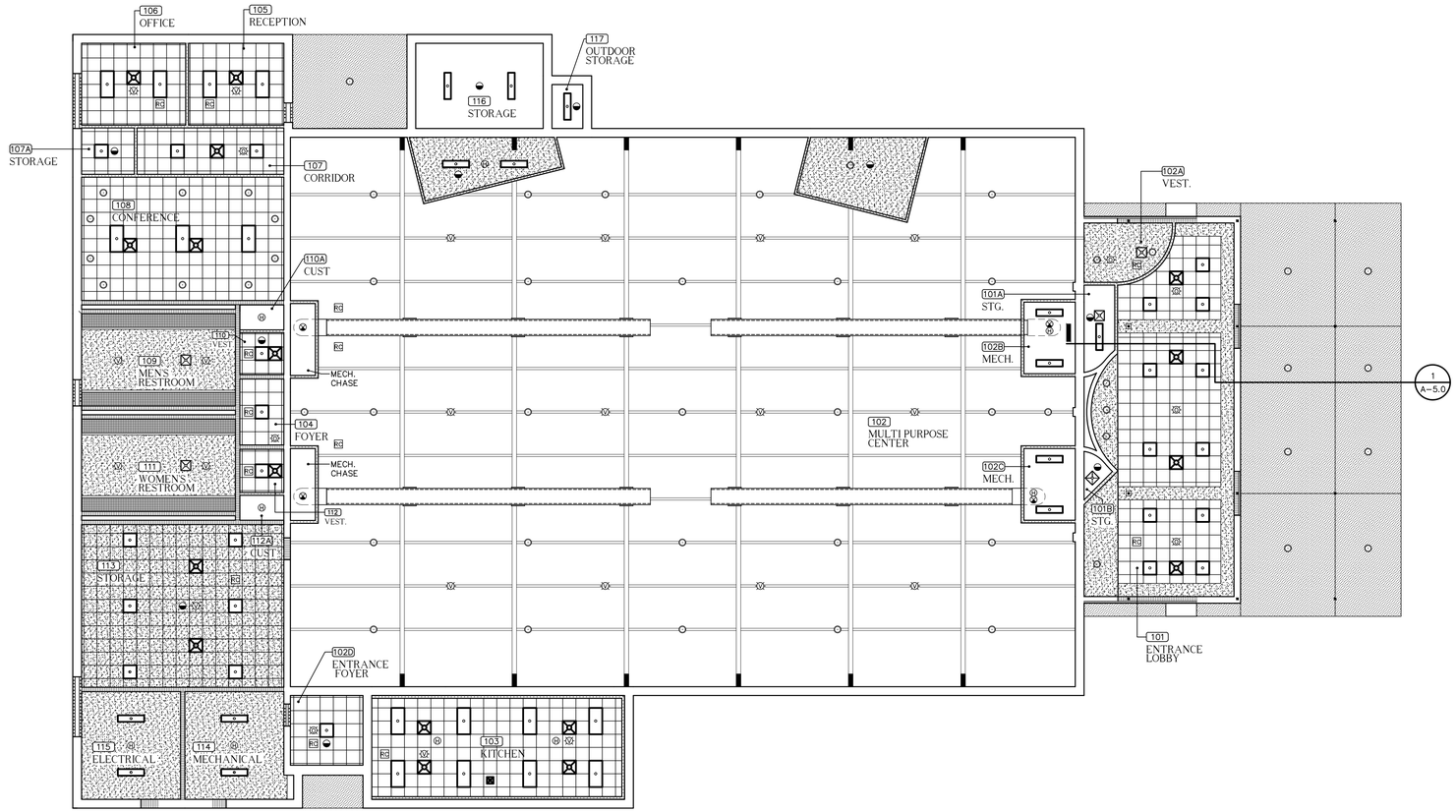
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2910 CALEDONIA ST. MARIANNA, FL 32447
MARIANNA, FL 32446 FAX: (850) 482-8609
OFFICE: (850) 482-5261

SHEET TITLE: INTERIOR ELEVATIONS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG 11, 2023
DRAWN BY: S.G.D./E.J.B.
CHECKED BY: P.A.D., JR.

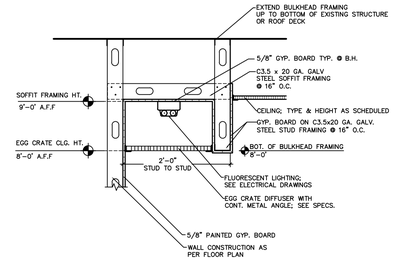
SHEET No.
A-3.2



REFLECTED CEILING PLAN

3/32" = 1'-0"

NORTH DIRECTION IS ASSUMED



CEILING BULKHEAD DETAIL @ TOILET ROOMS

1 A-4.0 **1" = 1'-0"**

REFLECTED CEILING PLAN LEGEND

- NEW E.I.F.S. SOFFIT OR CEILING
- GYPSUM BOARD CEILING. SEE SPECS.
- NEW SUSPENDED METAL GRID AND ACOUSTICAL CEILING TILE SYSTEM
- NEW SUSPENDED METAL GRID AND VINYL COVERED ACOUSTICAL CEILING TILE SYSTEM
- EGG CRATE LIGHT DIFFUSING CEILING SYSTEM. SEE SPECS
- EXISTING CONCRETE TO REMAIN
- STEEL STUD FRAMED BULKHEAD WALL. SEE DETAILS THIS SHEET
- C.J. E.I.F.S CONTROL JOINT LOCATION; SEE DETAIL THIS SHEET
- LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS
- EXTERIOR LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS
- LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS
- LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS
- LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS
- LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS
- EXIT LIGHT AS PER ELECTRICAL PLANS
- CEILING MTD. FIRE ALARM SYSTEM AUTOMATIC SMOKE DETECTOR. SEE ELECT. DRAWINGS
- CEILING MTD. FIRE ALARM SYSTEM AUTOMATIC HEAT DETECTOR. SEE ELECT. DRAWINGS
- CEILING MTD. FIRE ALARM SYSTEM AUTOMATIC AIR DUCT SMOKE DETECTOR
- LOW VOLTAGE VACANCY SENSOR. SEE ELECTRICAL DRAWINGS
- LOW VOLTAGE VACANCY SENSOR. SEE ELECTRICAL DRAWINGS
- RC CEILING MTD. ROOM CONTROLLER. SEE ELECTRICAL DRAWINGS DWGS.
- F EXHAUST FAN SEE MECH. DWGS
- H.V.A.C. REGISTER; SEE MECHANICAL DRAWINGS
- H.V.A.C. DIFFUSER; SEE MECHANICAL DRAWINGS

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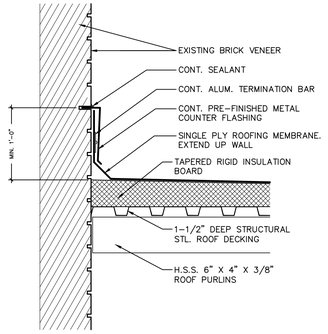
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FAX: (850) 482-8609
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-5261

SHEET TITLE: REFLECTED CEILING PLAN * LEGEND * DETAILS

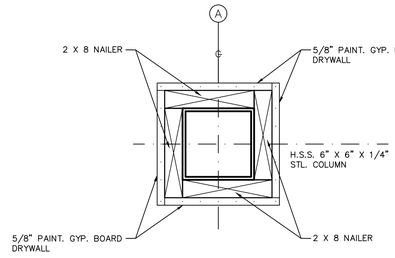
ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4080 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
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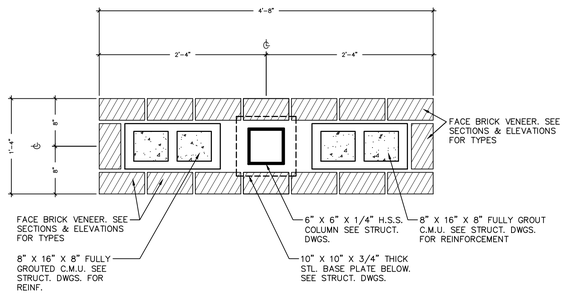
SHEET No.
A-4.0



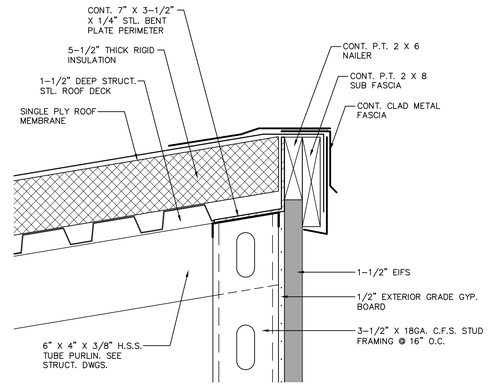
2 / A-5.0 PLAN DETAIL
1-1/2" = 1'-0"



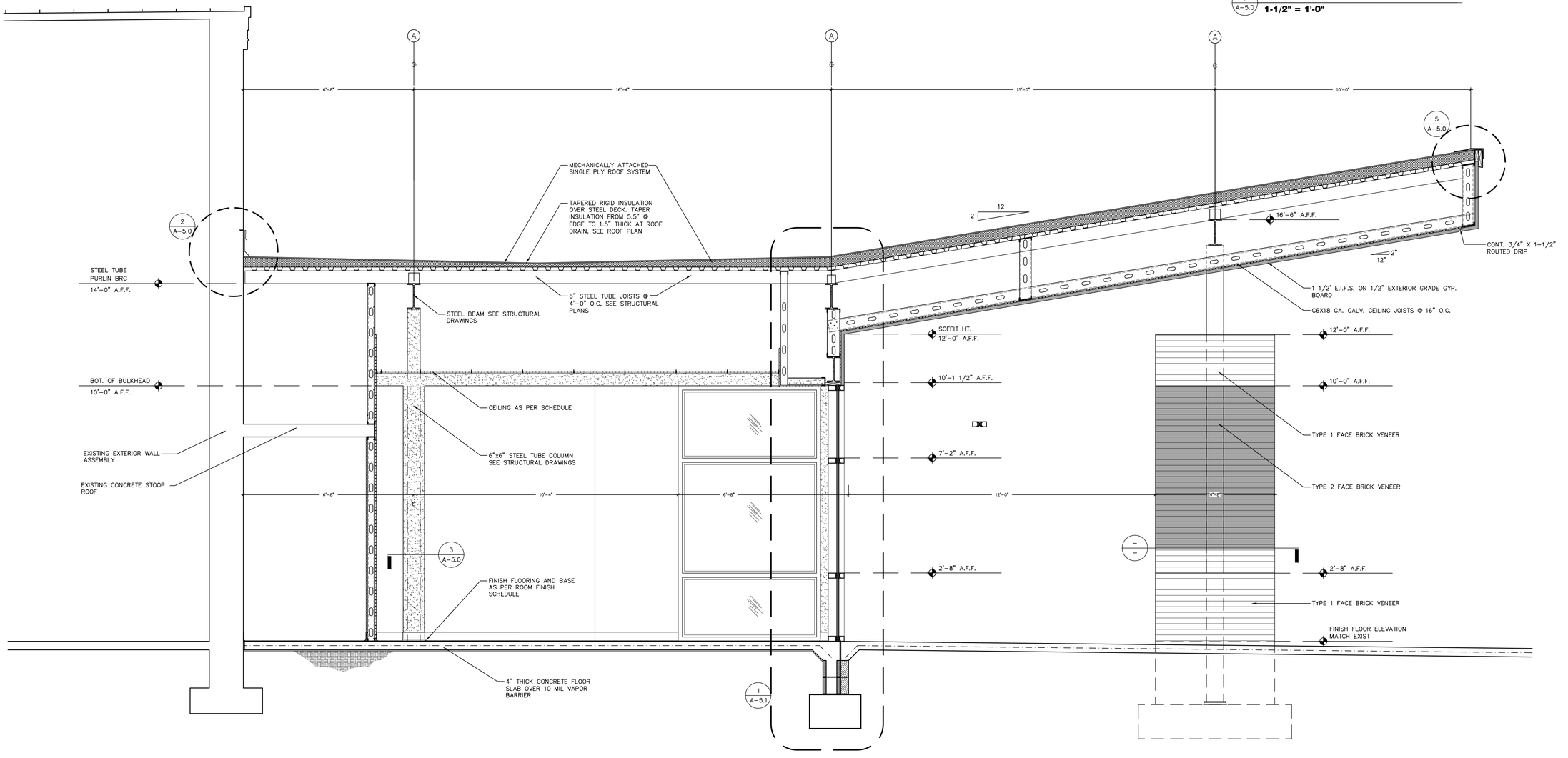
3 / A-5.0 PLAN DETAIL
1" = 1'-0"



4 / A-5.0 PLAN DETAIL
1-1/2" = 1'-0"



5 / A-5.0 FASCIA DETAIL
1-1/2" = 1'-0"



1 / A-5.0 TRANSVERSE BUILDING SECTION
1/2" = 1'-0"

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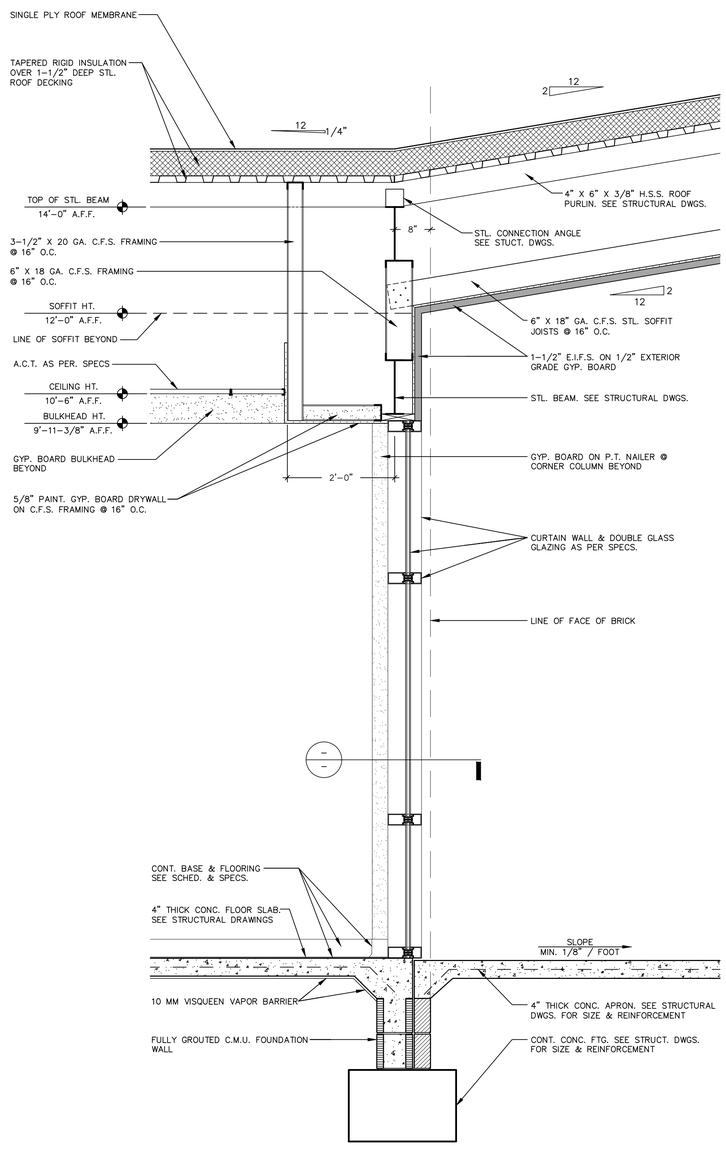
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SHEET TITLE: TRANSVERSE BUILDING SECTION

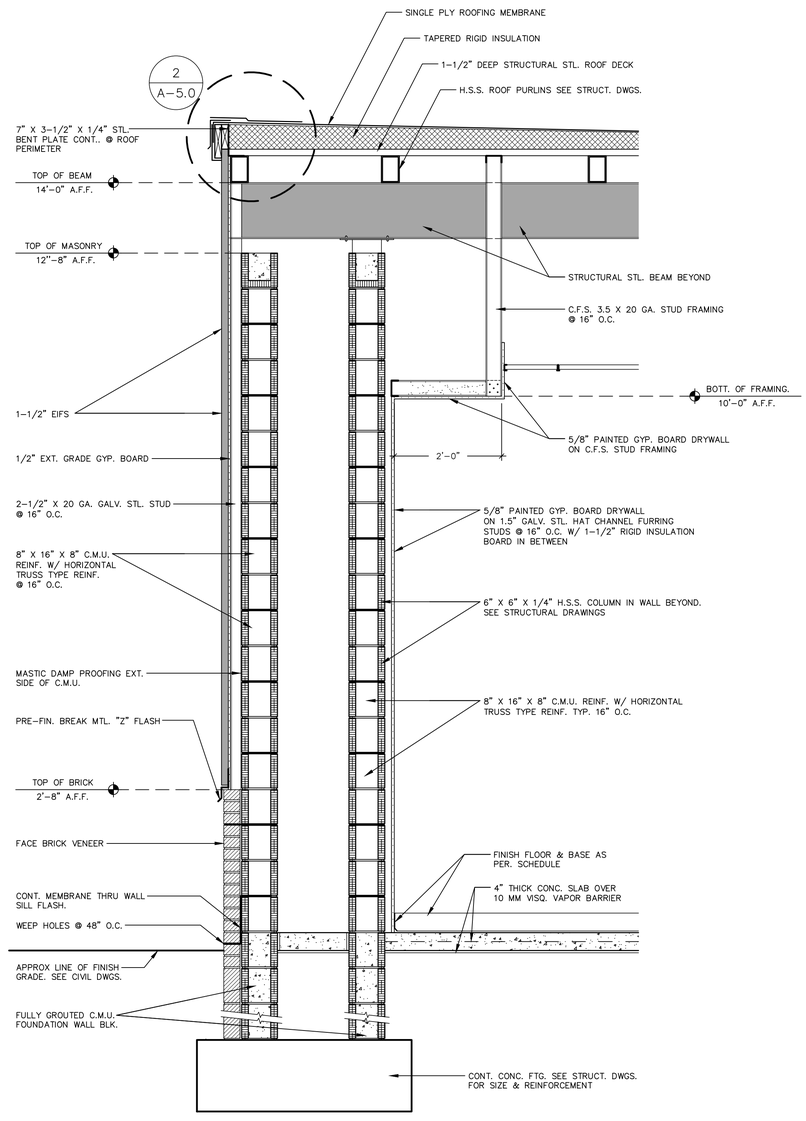
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ENDEAVOR CONVENTION CENTER
4080 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
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MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG 11, 2023
DRAWN BY: S.G.D.
CHECKED BY: P.A.D., JR.

SHEET No.
A-5.0



1 A-5.1 **CONSTRUCTION SECTION**
3/4" = 1'-0"



2 A-5.1 **CONSTRUCTION SECTION**
3/4" = 1'-0"

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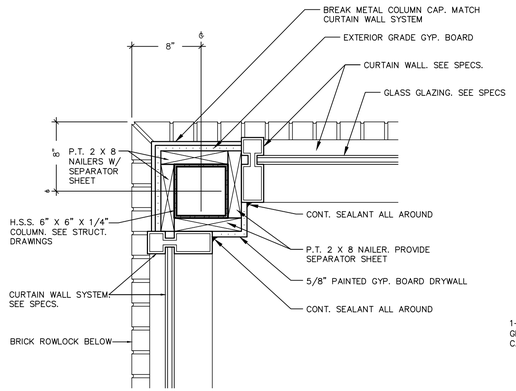
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SHEET TITLE: CONSTRUCTION SECTIONS * DETAILS

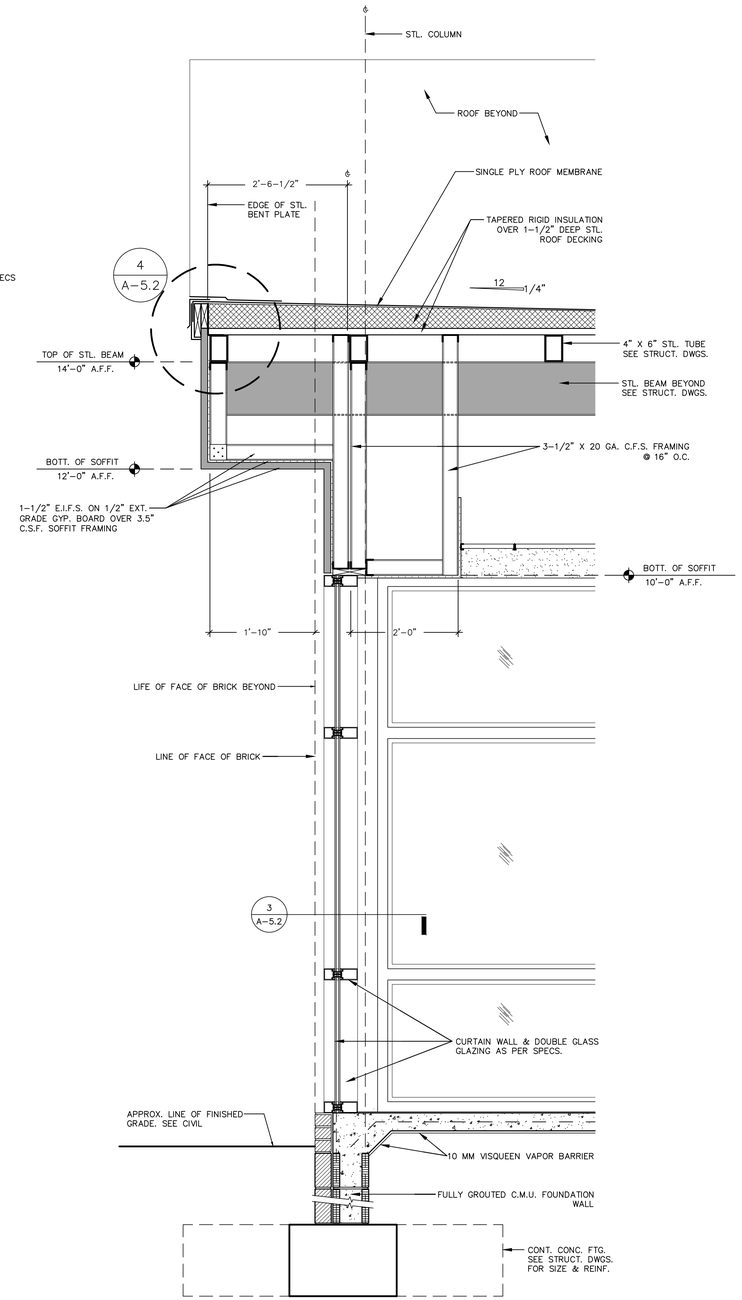
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ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG 11, 2023
DRAWN BY: S.G.D.
CHECKED BY: P.A.D., JR.

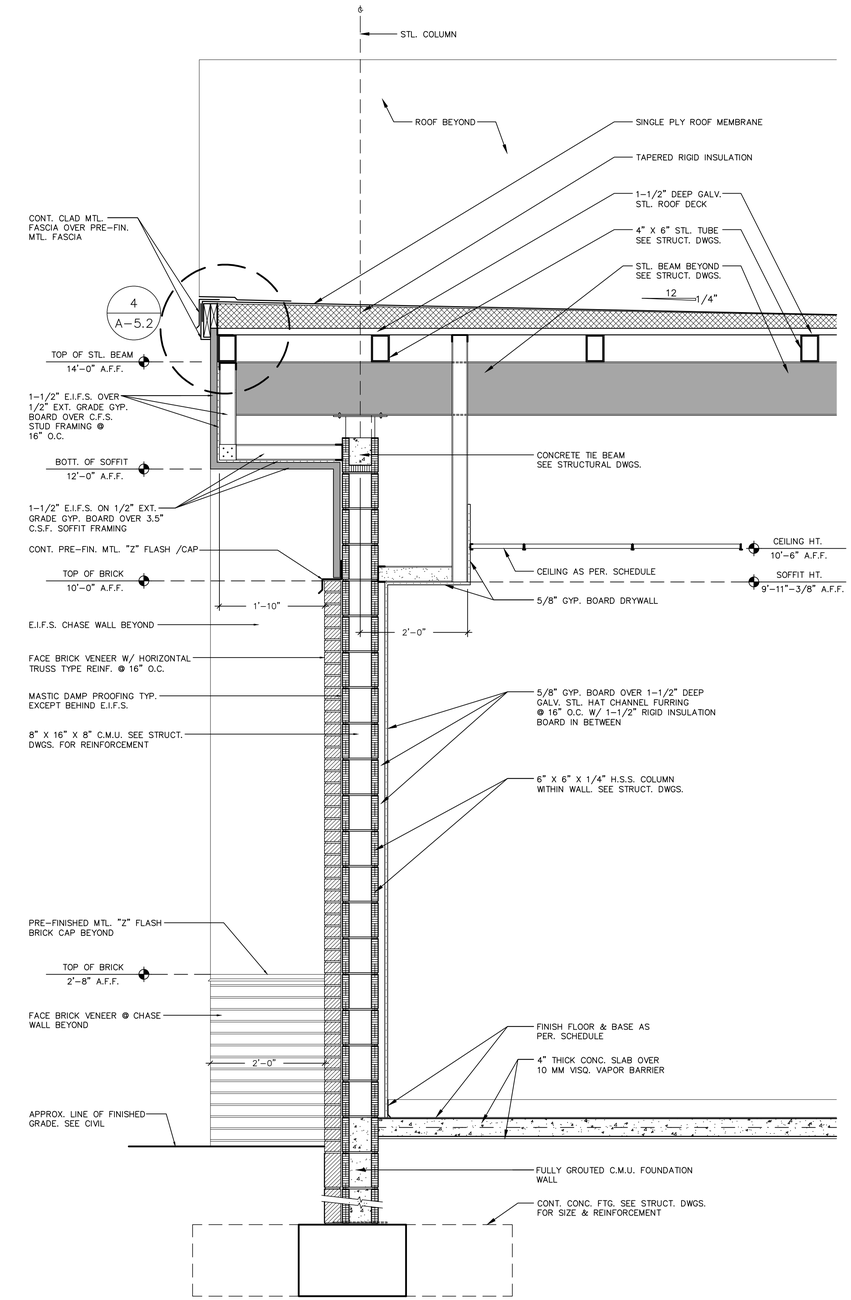
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A-5.1



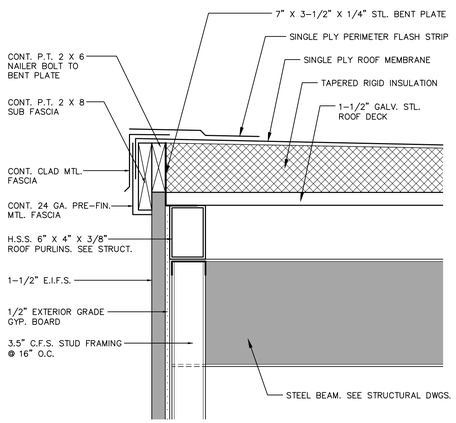
3 A-5.2 **PLAN DETAIL**
1-1/2" = 1'-0"



1 A-5.2 **WALL SECTION**
3/4" = 1'-0"



2 A-5.2 **WALL SECTION**
3/4" = 1'-0"



4 A-5.2 **PLAN DETAIL**
1-1/2" = 1'-0"

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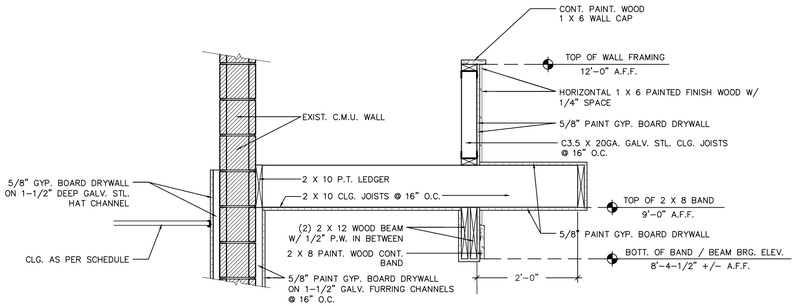
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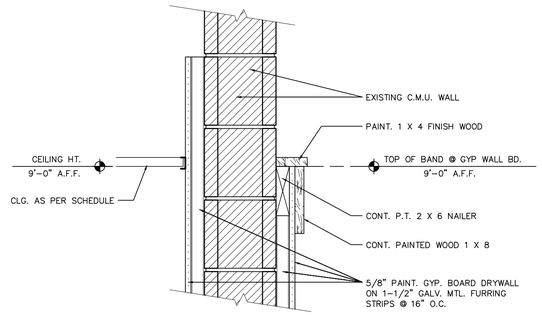
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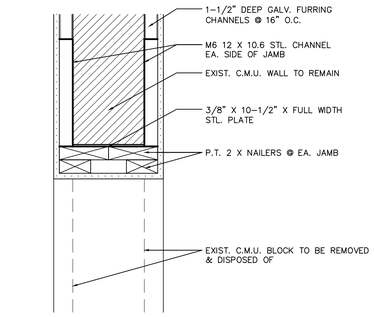
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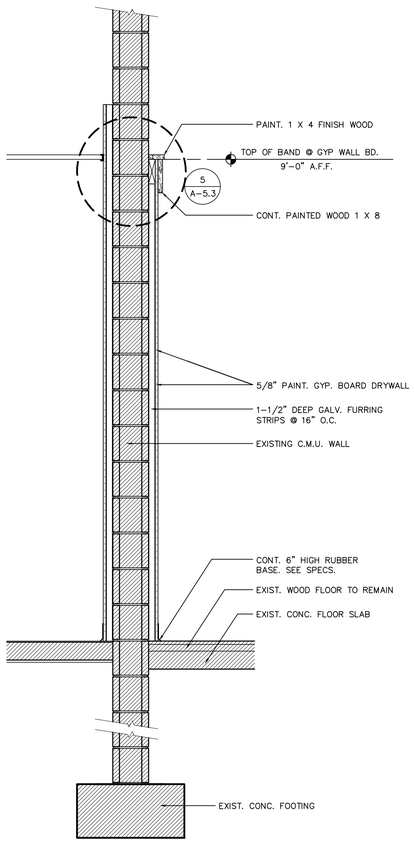
4 / A-5.3 **DETAIL**
3/4" = 1'-0"



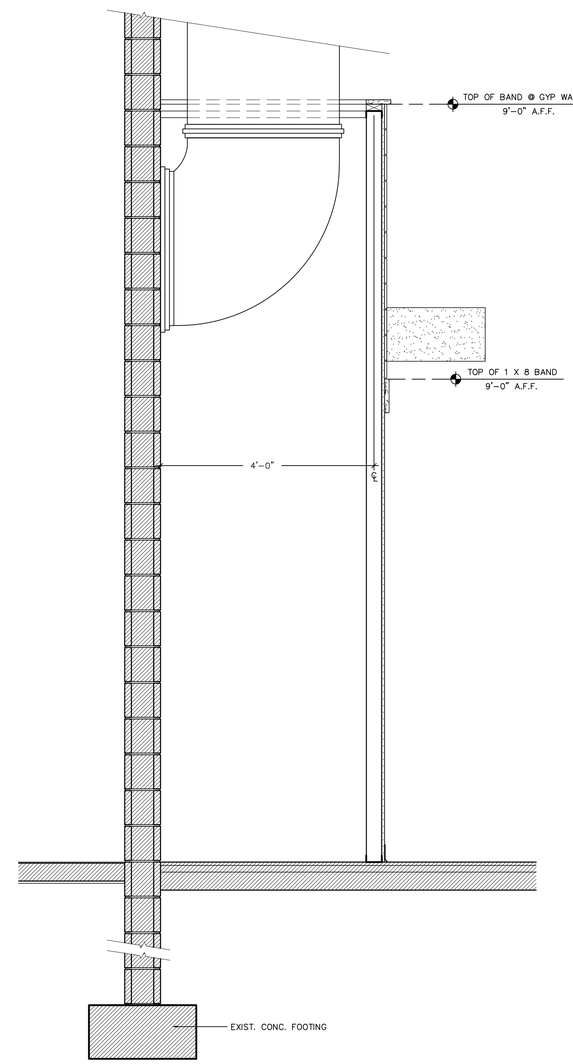
5 / A-5.3 **DETAIL**
1-1/2" = 1'-0"



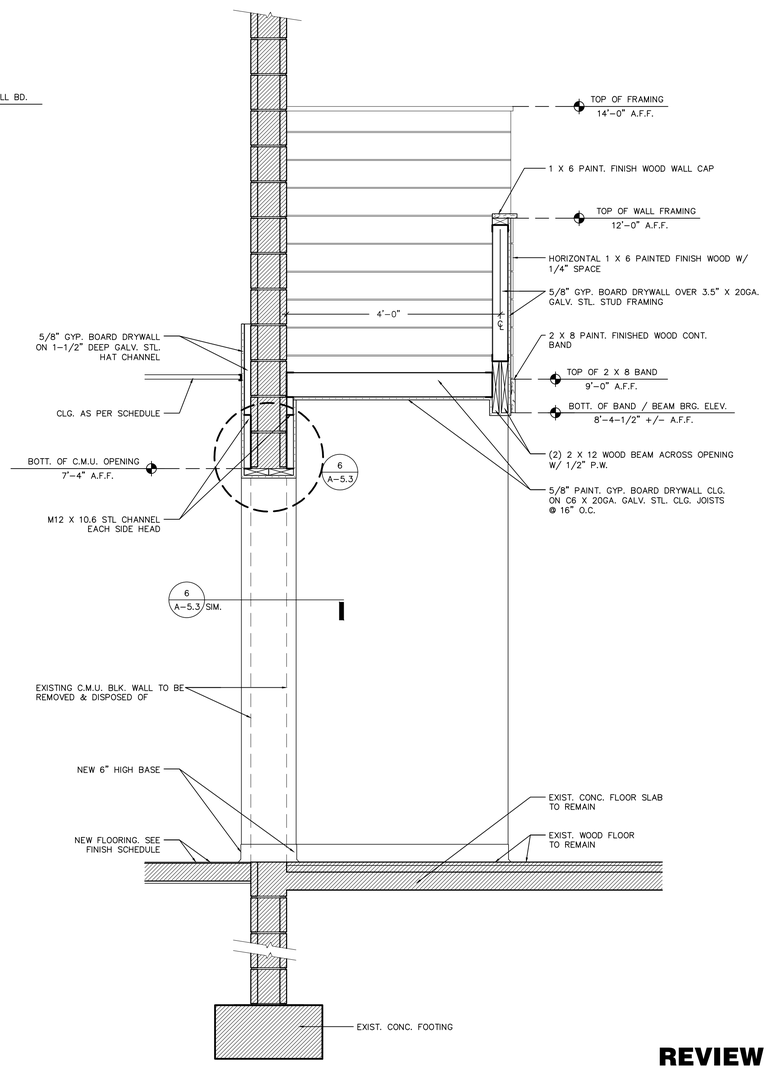
6 / A-5.3 **JAMB DETAIL**
1-1/2" = 1'-0"



1 / A-5.3 **INTERIOR WALL SECTION**
3/4" = 1'-0"



2 / A-5.3 **INTERIOR WALL SECTION**
3/4" = 1'-0"



3 / A-5.3 **INTERIOR WALL SECTION**
3/4" = 1'-0"

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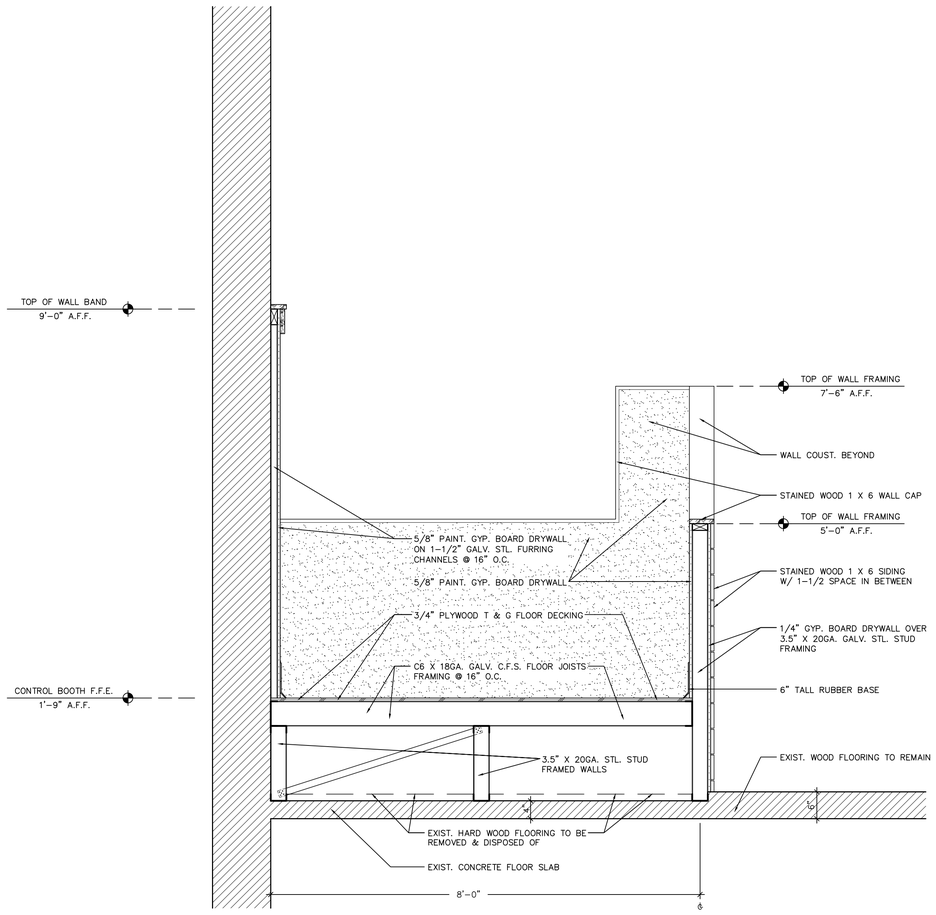
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SHEET TITLE: CONSTRUCTION SECTIONS * DETAILS

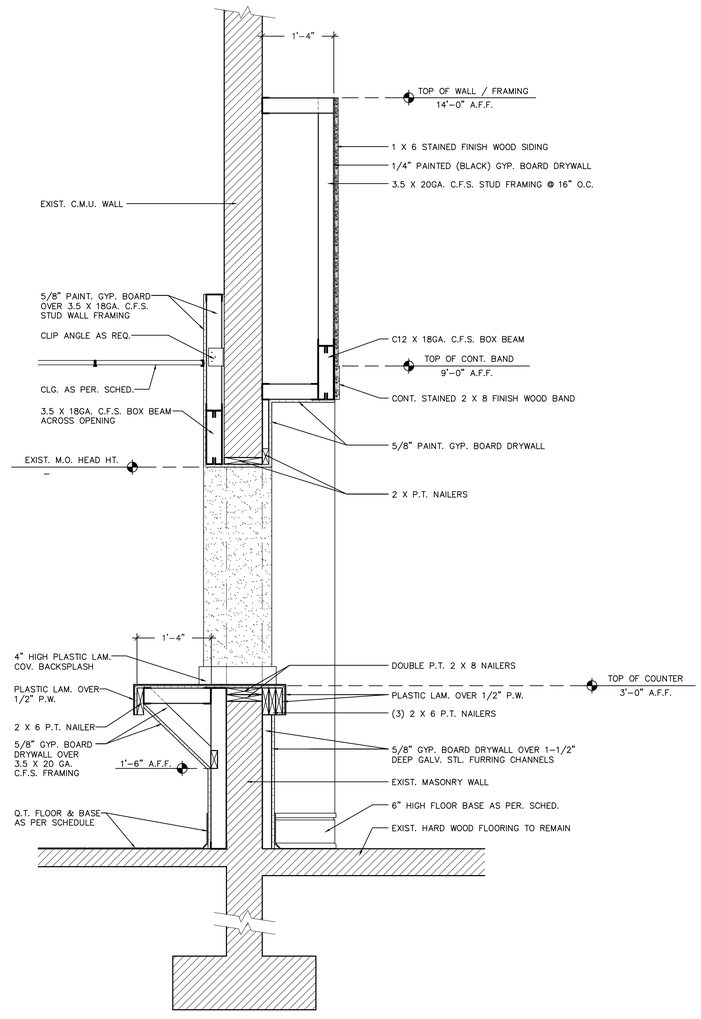
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MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG 11, 2023
DRAWN BY: S.G.D.
CHECKED BY: P.A.D., JR.

SHEET No.
A-5.3



1 A-5.4 **CONSTRUCTION SECTION**
3/4" = 1'-0"



2 A-5.4 **CONSTRUCTION SECTION**
3/4" = 1'-0"

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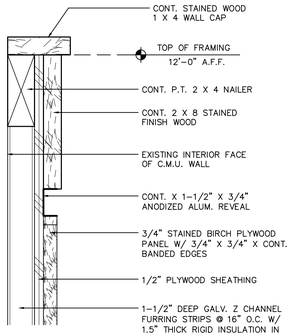
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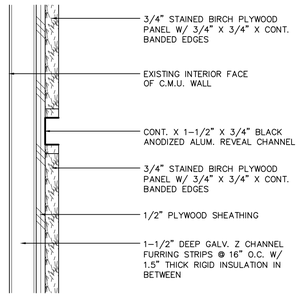
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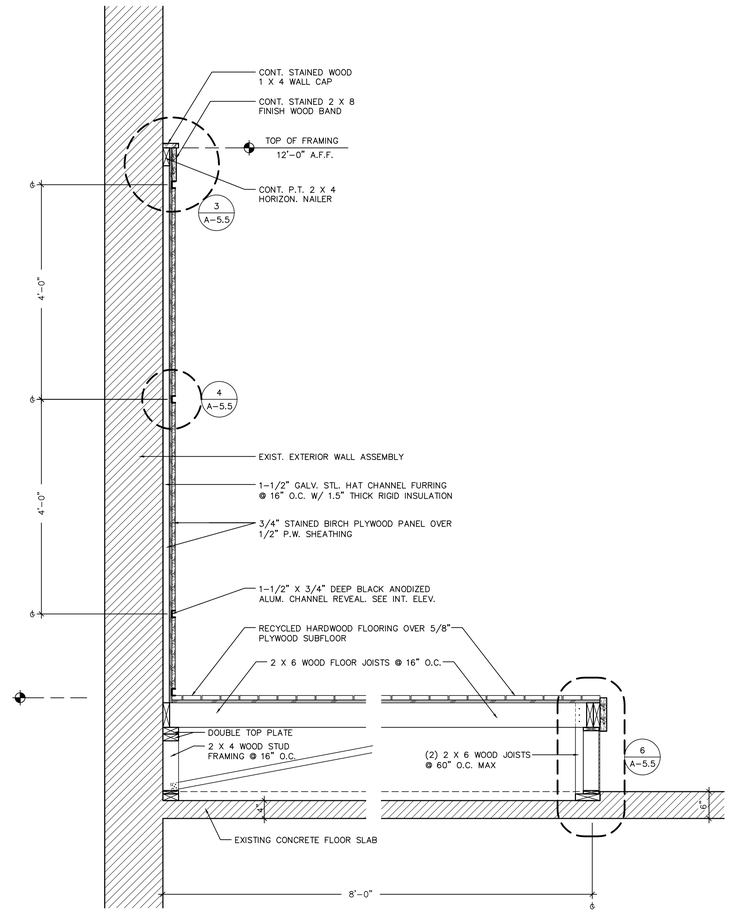
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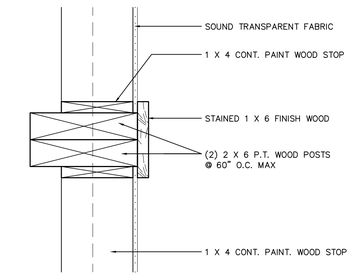
3 A-5.5 CONSTRUCTION DETAIL
3" = 1'-0"



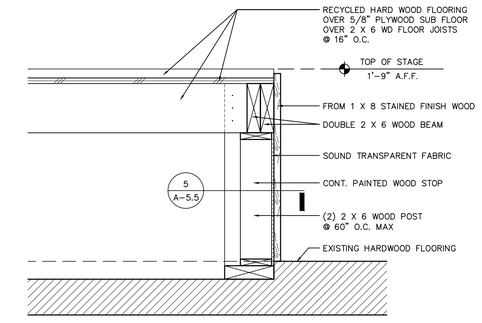
4 A-5.5 CONSTRUCTION DETAIL
3" = 1'-0"



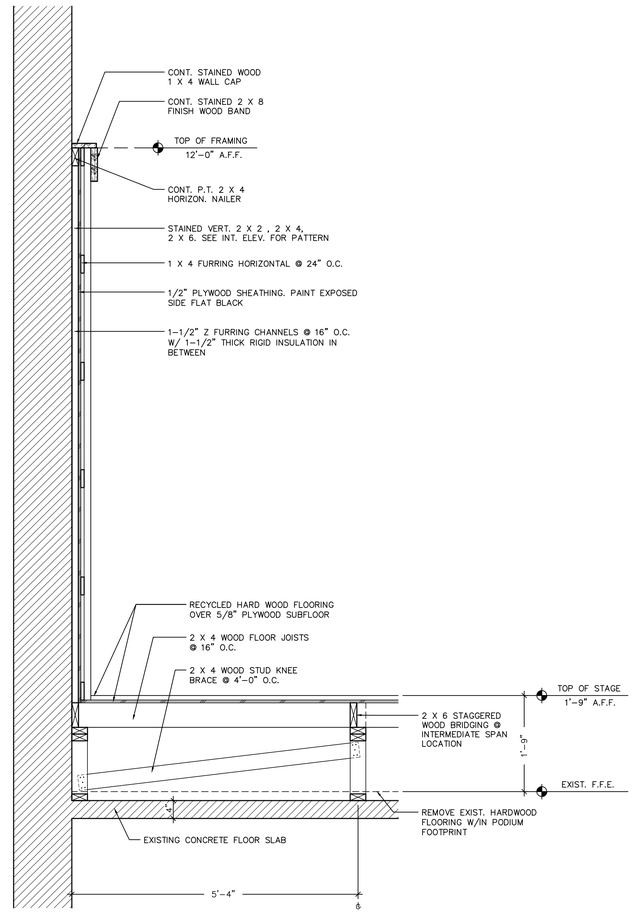
1 A-5.5 CONSTRUCTION SECTION
3/4" = 1'-0"



5 A-5.5 CONSTRUCTION DETAIL
3" = 1'-0"



6 A-5.5 CONSTRUCTION DETAIL
1-1/2" = 1'-0"



2 A-5.5 CONSTRUCTION SECTION
3/4" = 1'-0"

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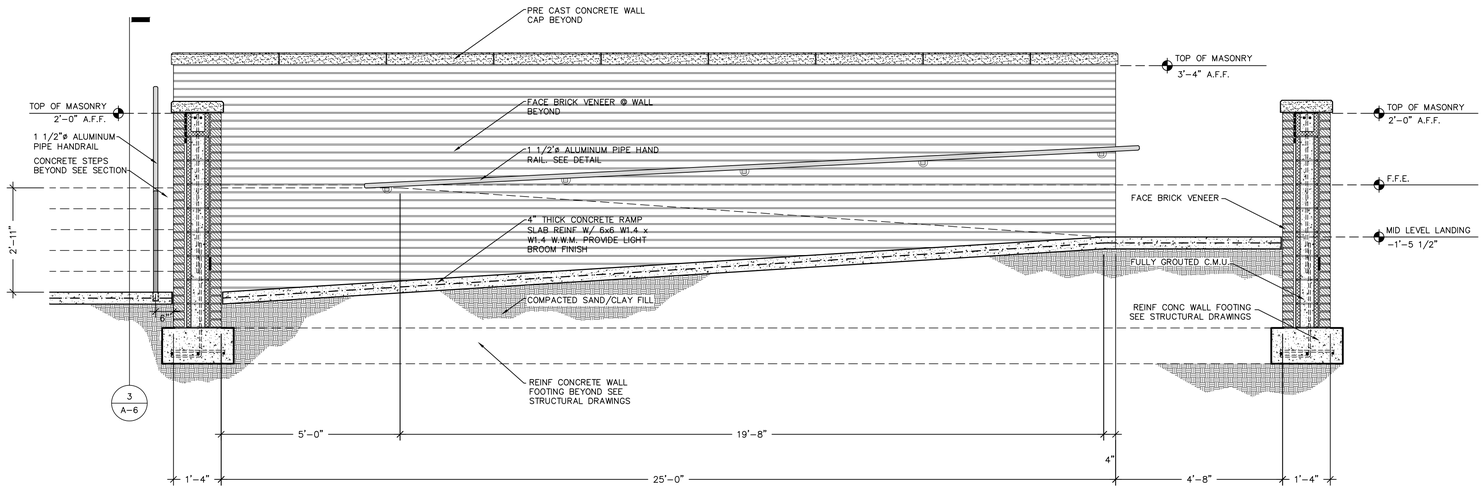
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SHEET TITLE: CONSTRUCTION SECTIONS * DETAILS

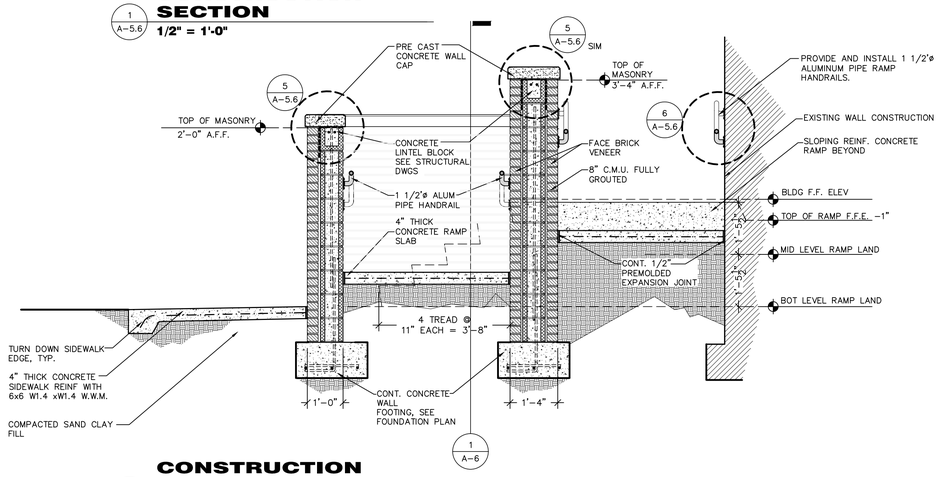
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ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG 11, 2023
DRAWN BY: S.G.D.
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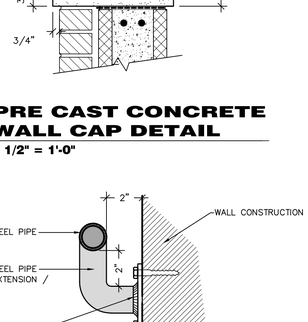
SHEET No.
A-5.5



CONSTRUCTION SECTION
1 A-5.6 — **1/2" = 1'-0"**

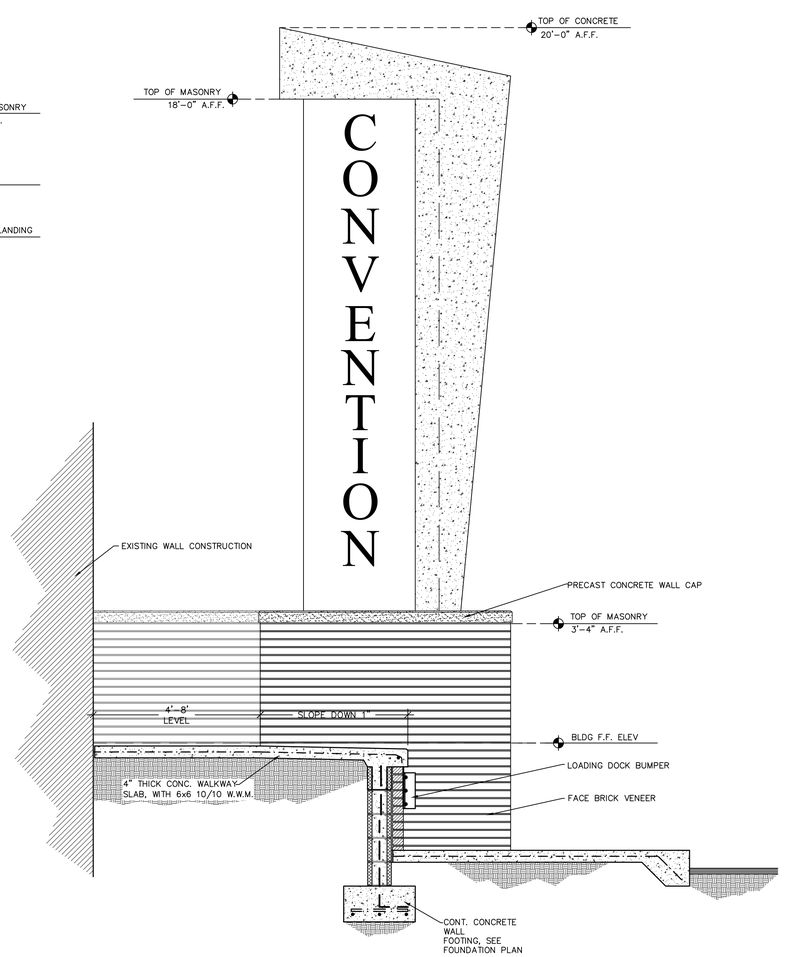


CONSTRUCTION SECTION
2 A-5.6 — **1/2" = 1'-0"**

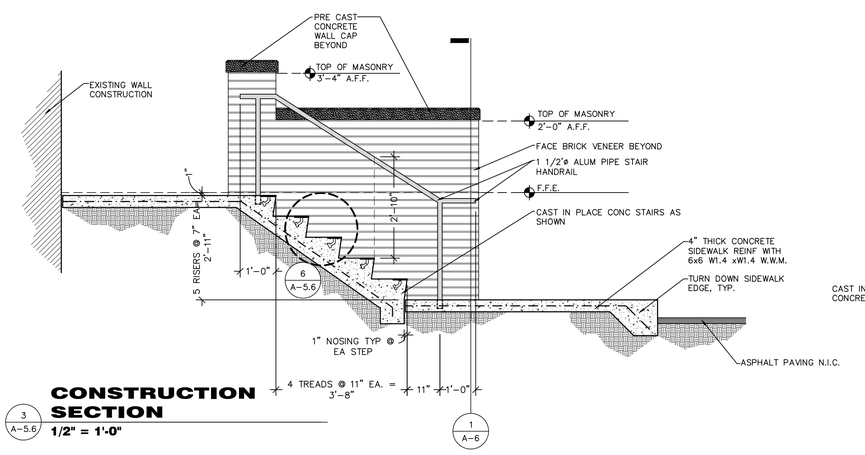


PRE CAST CONCRETE WALL CAP DETAIL
5 A-5.6 — **1 1/2" = 1'-0"**

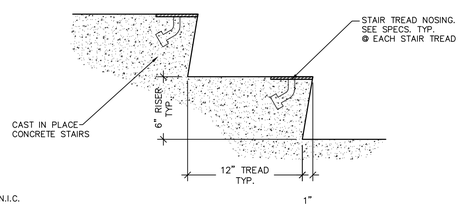
STEEL PIPE HANDRAIL CONNECTION DETAIL
6 A-5.6 — **3" = 1'-0"**



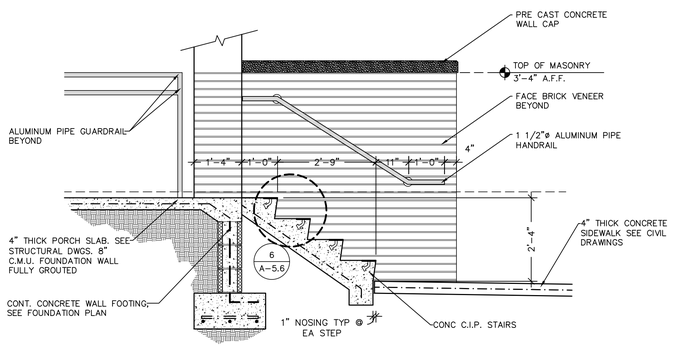
CONSTRUCTION SECTION
4 A-5.6 — **1/2" = 1'-0"**



CONSTRUCTION SECTION
3 A-5.6 — **1/2" = 1'-0"**



CONCRETE STEP NOSING DETAIL
7 A-5.6 — **1 1/2" = 1'-0"**



CONSTRUCTION SECTION
8 A-5.6 — **1/2" = 1'-0"**

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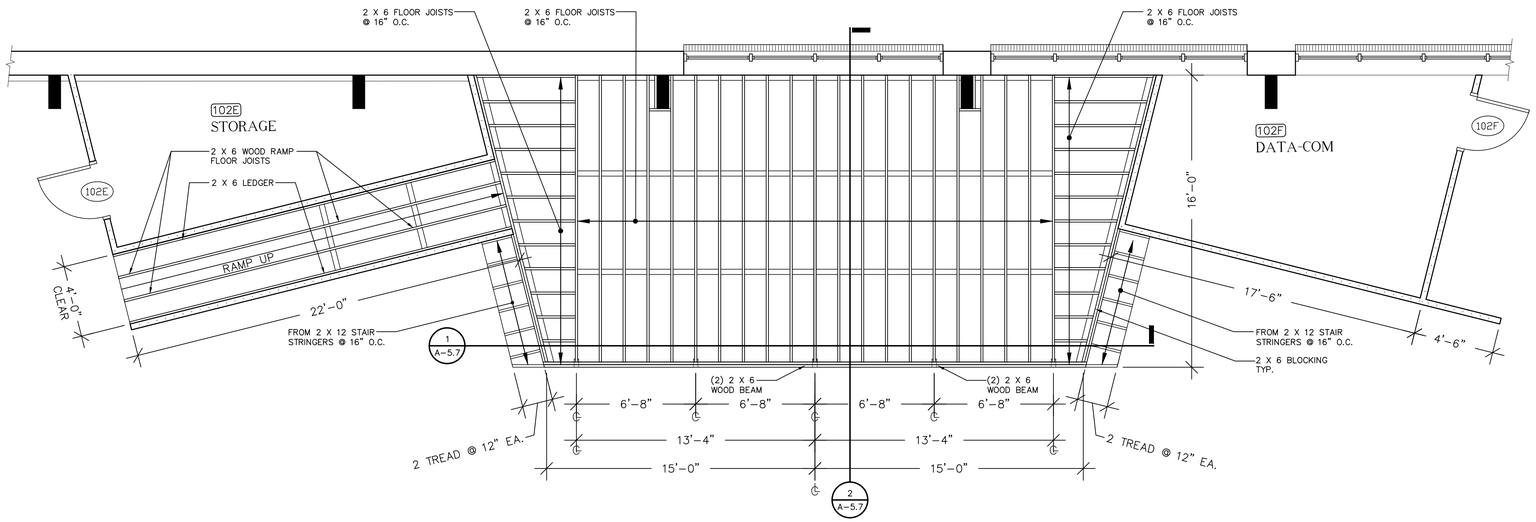
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MARIANNA, FLORIDA

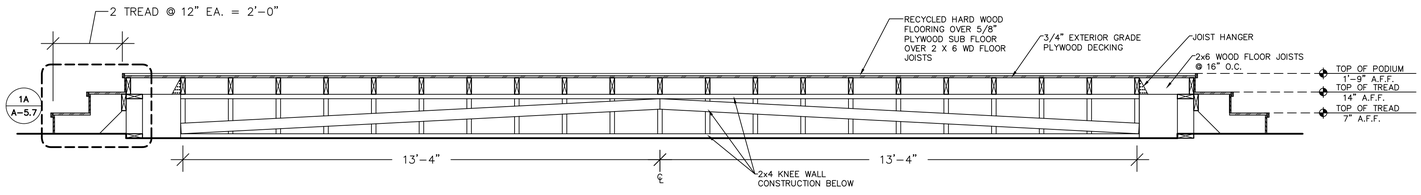
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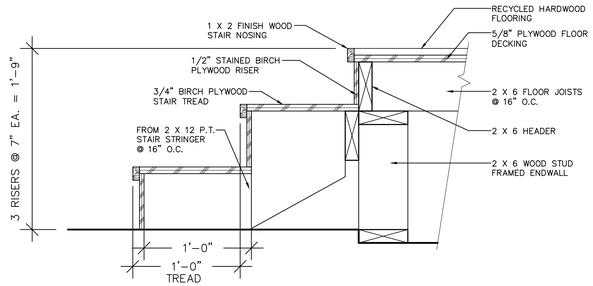
ENLARGE PODIUM FRAMING PLAN

1/4" = 1'-0"



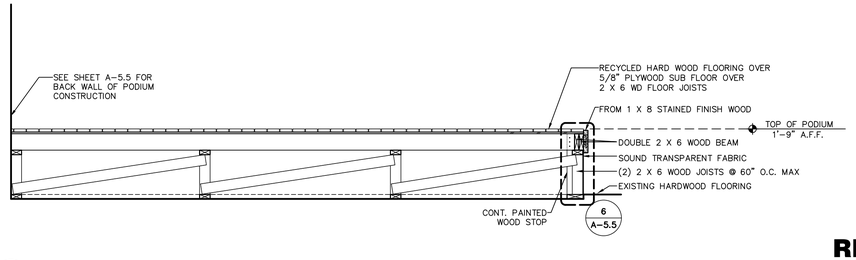
1 A-5.7 CONSTRUCTION SECTION

1/2" = 1'-0"



1A A-5.7 STAIR DETAIL

1-1/2" = 1'-0"



2 A-5.7 CONSTRUCTION SECTION

1/2" = 1'-0"

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SHEET: ENLARGED PODIUM FRAMING PLAN *
TITLE: CONSTRUCTION SECTIONS * DETAILS

ADDITIONS & ALTERATIONS
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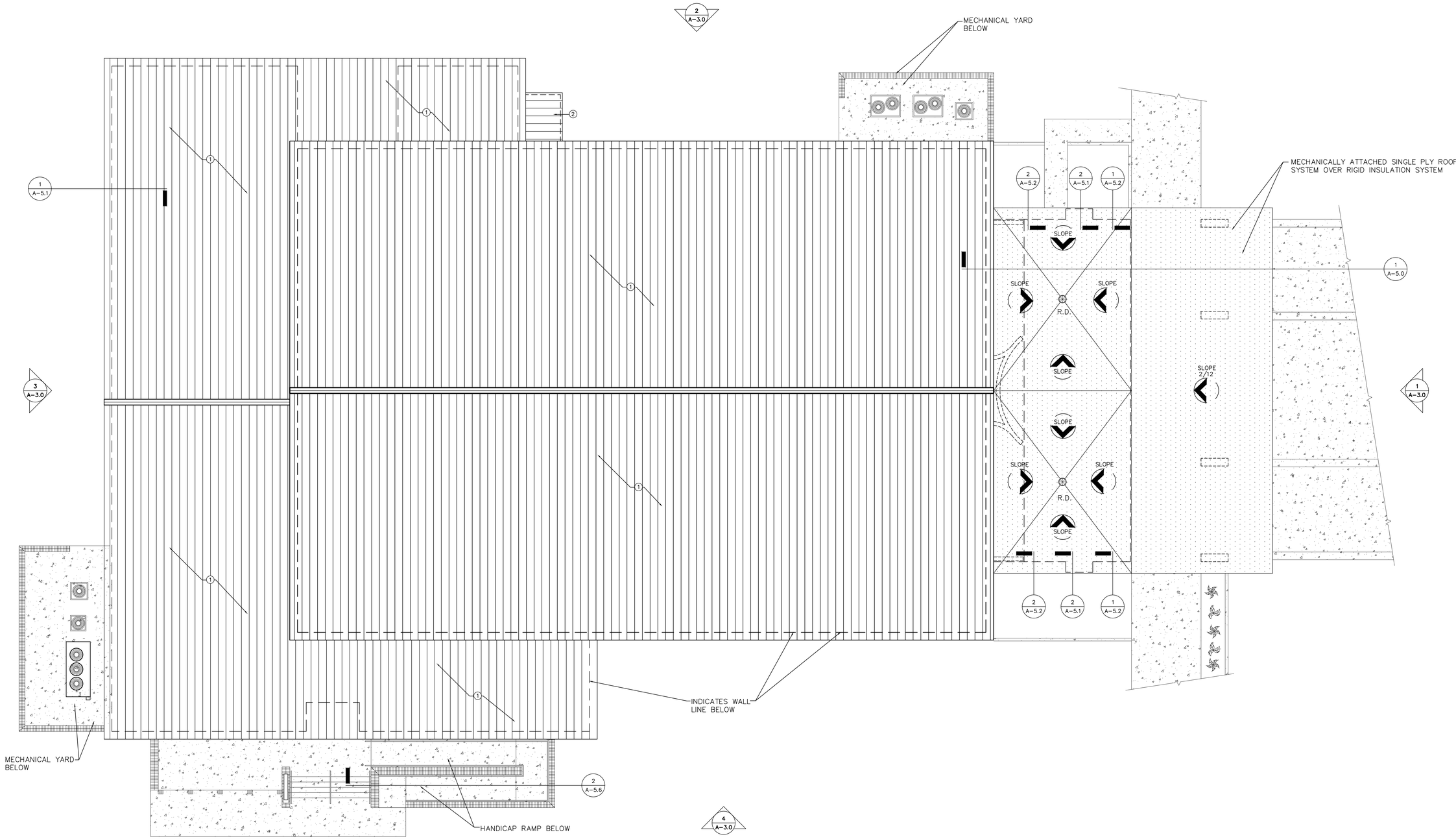
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DRAWN BY: C.L.D.
CHECKED BY: P.A.D., JR.

SHEET No.
A-5.7

CONSTRUCTION NOTES

① EXISTING METAL ROOF PANELS AND UNDERLAYMENT @ EXISTING HIGH GABLE ROOF CONSTRUCTION & LOW GABLE ROOF INCLUDING RIDGE CAP, RAKE FASCIA, LOW EAVE FASCIA AND ALL ADDITIONAL TRIM AND ASSOCIATED FASTENERS TO REMAIN & TO BE PROTECTED DURING CONSTRUCTION, UNLESS NOTED OTHERWISE (U.N.O.)

② –



ROOF PLAN

1/8" = 1'-0"

NORTH DIRECTION IS ASSUMED

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SHEET TITLE: ROOF PLAN * NOTES

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DRAWN BY: S.G.D.
CHECKED BY: P.A.D., JR.

SHEET No.
A-6.0

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
C. CONCRETE MASONRY UNIT SUBMITTALS
D. STRUCTURAL STEEL FABRICATION DRAWINGS
E. STEEL ROOF DECK SHOP DRAWINGS
G. COLD-FORMED STEEL WALL, FASCIA, AND SOFFIT FRAMING SHOP DRAWINGS AND CALCULATIONS (REQUIRED FOR ALL EXTERIOR CFS)

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.

DESIGN CRITERIA

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

GENERAL	2020 FLORIDA BUILDING CODE, BUILDING (FBC-B) 7TH EDITION
CONCRETE	ACI 318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
STRUCTURAL STEEL	AISC 360-16 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
MASONRY	ACI 530-16/ASCE 5-16/TMS 402-16 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES
COLD-FORMED STEEL	2012 NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS

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

ROOF	30 PSF
ALL OTHERS	ACTUAL SELF-WEIGHT

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

OCCUPANCY	UNIFORM	CONCENTRATED
OFFICES	50 PSF	2000 LB
ASSEMBLY AREAS	100 PSF	-
MECHANICAL OR ELECTRICAL ROOM	125 PSF	-
STAIRS AND EXITS	100 PSF	-
ROOF	20 PSF	300 LB

4. DESIGN LATERAL LIVE LOADS USED IN THE DESIGN OF THIS STRUCTURE ARE AS FOLLOWS:

WIND LOADS PER ASCE 7-16 (3-SEC GUST)
ULTIMATE WIND SPEED = 132 MPH
RISK CATEGORY III
EXPOSURE C
INTERNAL PRESSURE COEFFICIENT, GCpi=+/-0.18 (ENCLOSED)

SEE COMPONENTS & CLADDING WIND LOAD DIAGRAMS AND PRESSURES ON SHEET S-1.0.

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.

FOUNDATION NOTES

1. ALL FOOTINGS HAVE BEEN DESIGNED USING AN ALLOWABLE SOIL BEARING PRESSURE OF 2,000 PSF. ALL CONSOLIDATION OF SUBSOIL SHALL CLOSELY FOLLOW THE GEOTECHNICAL REPORT PREPARED BY NOVA ENGINEERING AND ENVIRONMENTAL, INC., NOVA PROJECT NUMBER 10111-2019033, DATED MARCH 7, 2019. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER/TESTING AGENCY PRIOR TO PLACING FOUNDATION CONCRETE.

2. AT FOOTING SUBGRADES, AT LEAST ONE TEST OF EACH SOIL STRATUM WILL BE PERFORMED FOR EACH ISOLATED FOOTING AND EACH 50 LINEAR FEET OF CONTINUOUS WALL FOOTING PER LIFT TO VERIFY DESIGN BEARING CAPACITIES.

3. ALL FOUNDATION CONCRETE SHALL OBTAIN A 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI.

4. 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.

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

6. 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"

7. ALL REINFORCING MARKED CONTINUOUS (CONT.) ON THE PLANS AND DETAILS SHALL BE LAPPED PER THE BAR SPLICE SCHEDULE, 2/S6.2, AND ADDITIONAL BARS SHALL BE PROVIDED AT CORNERS AND INTERSECTIONS PER 4/S4.0.

8. NO UNBALANCED BACKFILLING SHALL BE DONE AGAINST FOUNDATION WALLS UNLESS WALLS ARE SECURELY BRACED AGAINST OVERTURNING, EITHER BY TEMPORARY BRACING OR BY PERMANENT CONSTRUCTION.

9. PRIOR TO COMMENCING ANY FOUNDATION WORK, COORDINATE WORK WITH ANY EXISTING AND NEW UTILITIES. FOUNDATIONS SHALL BE STEPPED OR SLEEVED AS REQUIRED TO AVOID UTILITIES.

10. PROVIDE CONTROL JOINTS IN RETAINING WALLS AT APPROXIMATELY EQUAL INTERVALS NOT TO EXCEED 25 FEET NOR 3 TIMES THE WALL HEIGHT. PROVIDE EXPANSION JOINTS AT EVERY FOURTH CONTROL JOINT, UNLESS OTHERWISE INDICATED.

CONCRETE MASONRY NOTES

1. MASONRY CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530-13/ASCE 5-13/TMS 402-13)", PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE, DETROIT, MICHIGAN.

2. THE MINIMUM DESIGN COMPRESSIVE STRENGTH OF THE MASONRY (f'm) SHALL BE 2,000 PSI AT 28 DAYS AS DETEMINED BY THE UNIT STRENGTH METHOD USING 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 STENGTH OF 2,800 PSI AND SHALL BE MANUFACURED 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-476 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 A TTHE 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. PROVIDE BARS AT ALL WALL CORNERS, INTERSECTIONS AND OPENING EDGES. AT BOND/TIE BEAM CORNERS AND INTERSECTIONS, PLACE 1-#5x5'-0" TOP AND BOTTOM CORNER BAR WITH 32" LEGS EACH WAY, AT THE EXTERIOR FACE.

9. PROVIDE REBAR DOWELS FROM FOUNDATIONS TO MATCH VERTICAL REINFORCING SIZE AND SPACING. DOWELS SHALL HAVE STANDARD 90 DEGREE HOOKS AND LAP WITH THE FIRST LIFT OF REINFORCING.

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 AND TERMINATED IN A STANDARD ACI 90-DEGREE HOOK.

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, ONC COURSE ABOVE AND TWO COURSES BELOW. DO NOT SET MORE THAN ONE ANCHOR PER CELL.

17. PROVIDE LINTELS OR HEADERS AS SCHEDULED WITH MIN. 8" BEARING AT ALL MASONRY OPENINGS. AT EXTERIOR OPENINGS EXTEND BARS 24" BEYOND THE FACE OF THE SUPPORT. FOR INTERIOR PARTITIONS EXTEND BARS 6" BEYOND THE FACE OF THE SUPPORT.

18. WALL CONTROL JOINTS SHALL BE NO MORE THAN 35 FEET APART. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.

19. USE PRESSURE-TREATED WOOD FOR ALL WOOD IN CONTACT WITH MASONRY.

SLAB ON GRADE NOTES

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

2. ABOVE SUBGRADE, USE TERMITE TREATED FILL CONTAINING NOT MORE THAN 12% PASSING, BY DRY WEIGHT, FINER THAN THE U.S. NO. 200 MESH SIEVE AND MAXIMUM 1" DIAMETER. 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 2,500 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-W1.4xW1.4 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 TWO-COMPONENT, 100% SOLIDS, TRAFFIC GRADE, SEMI-RIGID, POLYUREA JOINT FILLER W/ SHORE A HARDNESS OF 80-85.

8. SEE THE SITE PLAN AND ARCHITECTURAL DRAWINGS FOR WALKWAYS AND OTHER EXTERIOR SLABS NOT INDICATED ON THE STRUCTURAL DRAWINGS FOR LOCATIONS, DIMENSIONS, ELEVATIONS, JOINTING DETAILS AND FINISH DETAILS. PROVIDE 4" THICK WALKS REINFORCED WITH 6X6-W1.4xW1.4 WELDED WIRE REINFORCING UNLESS NOTED OTHERWISE.

9. SLABS TO BE PERMANENTLY EXPOSED TO WEATHER SHALL BE AIR ENTRAINED TO 5% (+/-1.5%) WITH AN ADMIXTURE THAT CONFORMS TO ASTMC260.

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 ALL 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.

EXTERIOR COLD-FORMED METAL FRAMING

1. DESIGN, DETAIL AND ERECT EXTERIOR COLD-FORMED METAL FRAMING IN ACCORDANCE WITH THE GENERAL NOTES AND SPECIFICATIONS.

2. COLD-FORMED STEEL FRAMING DETAILS SHOWN ON CONTRACT DOCUMENTS REPRESENT THE MINIMUM DESIGN INTENT TO BE FOLLOWED. CONNECTIONS NOT DETAILED IN CONTRACT DOCUMENTS SHALL BE DESIGNED AND DETAILED BY THE DELEGATED ENGINEER ACCORDING TO SPECIFICATIONS AND REQUIREMENTS HEREIN. THE MINIMUM DESIGN THICKNESS OF EXTERIOR COLD-FORMED METAL FRAMING SHALL BE 43 MILS. NO EXCEPTIONS WILL BE ACCEPTED.

3. SUBMIT COMPLETE SHOP DRAWINGS AND CALCULATIONS SHOWING METHOD OF FABRICATION, ERECTION PROCEDURES, ATTACHMENT OF THE SYSTEM TO THE BUILDING, JOINTS, CONNECTIONS AND FRAMING. CALCULATIONS AND SHOP DRAWINGS SHALL BE PREPARED, SIGNED AND SEALED BY THE DELEGATED ENGINEER LICENSED IN THE STATE OF FLORIDA.

4. USE GALVANIZED STEEL "C" STUDS, TRACKS, ANGLES AND STRAPS AS SHOWN ON DRAWINGS AND DETAILS HAVING A MINIMUM YIELD STRENGTH AS FOLLOWS:

54 MIL THICKNESS AND GREATER:	Fy= 50 KSI MIN.
43 MIL THICKNESS:	Fy= 33 KSI MIN.

ALL TRACKS TO HAVE SAME DESIGN THICKNESS AS STUDS WITH MINIMUM 1 1/4 " LEGS.

5. DOOR AND WINDOW SILLS, HEADERS, AND JAMBS SHALL BE DESIGNED TO RESIST WIND FORCES ON TRIBUTARY WINDOWS AND DOORS AND TO TRANSMIT THE FORCES TO THE PRIMARY STRUCTURAL FRAME.

6. ALL JAMBS, HEADERS, AND OTHER BUILT-UP MEMBERS SHALL BE CONSTRUCTED USING UNPUNCHED MATERIAL.

7. ALL JAMB STUDS SHALL BE FASTENED TOGETHER TO FORM A CONTINUOUS BUILT-UP SECTION.

8. SCREWS, WHERE REQUIRED, SHALL MEET THE MINIMUM REQUIREMENTS OF SAE J429 GRADE 5; AND IFI-105. SCREWS SHALL HAVE A PROTECTIVE COATING EQUIVALENT TO CADMIUM OR ZINC PLATING, ASTM B766.

9. FIELD CUTTING OF COLD-FORM METAL FRAMING SHALL BE BY SAW OR SHEAR. TORCH CUTTING IS NOT PERMITTED.

10. LIMIT DEFLECTIONS OF STUDS BETWEEN SUPPORTS TO L/600 WHEN SUPPORTING MASONRY, L/360 WHEN SUPPORTING GYPSUM WALL BOARD OR PORTLAND CEMENT STUCCO AND L/240 FOR OTHER CONDITIONS.

11. ADD WEB STIFFENERS AT CONCENTRATED LOADS AS REQUIRED BY DESIGN.

12. ALL WELDERS SHALL BE CERTIFIED BY AWS FOR THIN METAL SECTIONS.

KIMBERLY M. HOLLOWAY, P.E.

FLORIDA REG. NO. 69166

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SHEET TITLE: STRUCTURAL NOTES

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FL
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUGUST 29, 2023
DRAWN BY: KMH
CHECKED BY: KMH

SHEET No.

S-0.0

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

CONCRETE BAR SPLICE SCHEDULE						
BAR	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"

A
S-0.1
BAR SPLICE SCHEDULE
SCALE: 3/4" = 1'-0"

NON-COMPOSITE METAL ROOF DECK

1. ALL METAL ROOF DECK SHALL BE MANUFACTURED AND ERECTED IN ACCORDANCE WITH THE "DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS AND ROOF DECKS BY THE STEEL DECK INSTITUTE (SDI).

2. ALL METAL ROOF DECK SHALL BE 1 1/2" DEEP x 22 GAGE GALVANIZED TYPE B (WIDE RIB) DECK (MIN. Ip = 0.155 IN^4/FT AND Sp = 0.186 IN^3/FT) AS MANUFACTURED BY VULCRAFT OR APPROVED EQUAL.

3. ALL METAL ROOF DECK SHALL SPAN PERPENDICULAR TO SUPPORTS. WELD TO JOISTS AND STRUCTURAL STEEL PER 1/S-6.0.

4. SUSPENDED CEILINGS, LIGHT FIXURES, DUCTS, AND OTHER PERMANENT SUSPENDED LOADS SHALL NOT BE SUPPORTED BY THE METAL DECK.

5. ALL ROOF DECKING SHALL BE GALVANIZED BY THE HOT-DIP PROCESS CONFORMING TO ASTM A924 CLASS G90. ALL DECK WELDS SHALL BE TOUCHED UP WITH GALVANIZING REPAIR PAINT FOR GALVANIZED DECKS.

6. SUBMIT DETAILED SHOP DRAWINGS PRIOR TO FABRICATION SHOWING LAYOUT, TYPES OF METAL DECK UNITS, CONNECTION DETAILS, ACCESSORIES AND OTHER RELATED ITEMS.

7. ALL STEEL DECK SHALL BE CAPABLE OF SUPPORTING THE DESIGN LOADS PROVIDED IN THE CONTRACT DOCUMENTS. THE DECK SUPPLIER SHALL SUBMIT CALCULATIONS AND/OR LOAD TABLES WITH THE SHOP DRAWINGS. THESE CALCULATIONS AND/OR LOAD TABLES SHALL BE SEALED BY AN ENGINEER LICENSED IN THE PROJECT STATE. THE STRUCTURAL ENGINEEER OF RECORD'S REVIEW OF SUCH MATERIALS SHALL NOT RELIEVE THE DECK SUPPLIER AND ITS LICENSED ENGINEER OF THE SOLE RESPONSIBILITY FOR THE ACCURACY OF LOAD TABLES AND/OR CALCULATIONS SUBMITTED FOR REVIEW WITH THE SHOP DRAWINGS.

EXISTING CONSTRUCTION NOTES

1. BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH EXISTING STRUCTURAL 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.

MASONRY WALL REINFORCING SCHEDULE			
LABEL	WIDTH	REINFORCING	COMMENTS
MW1	8" CMU	#6 @ 40"	
MW2	8" CMU	#6 @ 32"	
MW3	8" CMU	#6 @ 16"	
MW4	8" CMU	#5 @ 40"	
MW5	8" CMU	#5 @ 48"	

MASONRY WALL FOOTING SCHEDULE					
LABEL	SIZE	THICKNESS	REINFORCING		
			BOTTOM STEEL	TOP STEEL	TRANSVERSE STEEL
WF2.0	2'-0" x CONT.	1'-4"	(3) #5 x CONT.	(3) #5 x CONT.	#4 TIES AT 10" O.C.
WF3.4	3'-4" x CONT.	1'-4"	(4) #5 x CONT.	(4) #5 x CONT.	#4 TIES AT 10" O.C.
WF4.0	4'-0" x CONT.	1'-4"	(5) #5 x CONT.	(5) #5 x CONT.	#5 TIES AT 10" O.C.
WF4.5	4'-6" x CONT.	1'-4"	(6) #5 x CONT.	(6) #5 x CONT.	#5 TIES AT 10" O.C.

COLUMN FOOTING SCHEDULE			
LABEL	SIZE	THICKNESS	REINFORCING
F10.5	10'-6"x10'-6"	2'-0"	(13) #6 BARS EA. WAY TOP & BOTT.
F11.0	11'-0"x11'-0"	2'-0"	(13) #6 BARS EA. WAY TOP & BOTT.
F12.0	12'-0"x12'-0"	2'-0"	(15) #6 BARS EA. WAY TOP & BOTT.
F12.0 OFF-CENTER	12'-0"x12'-0"	2'-0"	(15) #6 BARS EA. WAY TOP & BOTT. W/ STD. 90° HOOKS BOTT. UNDER COLUMN
F13.0	13'-0"x13'-0"	2'-0"	(16) #6 BARS EA. WAY TOP & BOTT.

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:

CONCRETE	(28 DAY STRENGTH)	SLUMP*	W/C RATIO
BEAMS	4,000 PSI	4" ± 1"	0.45
STAIRS	4,000 PSI	4" ± 1"	0.45
CONCRETE NOT NOTED	3,000 PSI	4" ± 1"	0.50
FOUNDATIONS	"SEE FDN NOTES"	4" ± 1"	0.50
SLABS	"SEE SLAB ON GRADE NOTES"		
FREESTANDING WALLS	5,000 PSI	4" ± 1"	0.45
RETAINING WALLS	5,000 PSI	4" ± 1"	0.45

* 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 — 2"
- #5 BAR, W31 OR D31 WIRE & SMALLER — 1 1/2"

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, STIRRUPS, SPIRALS — 1 1/2"

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.

STRUCTURAL STEEL NOTES

1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE ANSI/AISC 360-10 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.

2. UNLESS OTHERWISE NOTED, ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING ASTM SPECIFICATIONS:

MEMBER	ASTM	MIN. STRENGTH
STRUCTURAL TUBING	A500 (GRADE B)	46 KSI
WIDE FLANGE SHAPES	A992	50 KSI
OTHER ROLLED PLATES/SHAPES	A36	36 KSI
CONNECTION BOLTS	A325	92 KSI
ANCHOR RODS	F1554	36 KSI
THREADED RODS	A36	36 KSI
NONSHRINK GROUT	C1107	8000 PSI

3. TRUSS JOINTS, HANGERS, AND DIAGONAL BRACING (AS OCCURS) SHALL HAVE SLIP-CRITICAL CONNECTIONS, ALL OTHER CONNECTIONS SHALL HAVE NON-SLIP CRITICAL BEARING-TYPE CONNECTIONS.

4. CONNECTIONS ARE TO BE DESIGNED BY THE FABRICATOR FOR THE UNFACTORED SHEAR FORCES INDICATED ON PLAN IN ACCORDANCE WITH THE AISC SPECIFICATIONS FOR ALLOWABLE STRESS DESIGN, 13TH EDITION. CONNECTIONS SHALL UTILIZE MINIMUM 3/4" DIAMTER A325-N BOLTS. SLOTTED HOLES ARE PERMITTED ONLY WHERE THE DIRECTION OF THE LOAD IS NORMAL TO THE AXIS OF THE SLOT. BOLTS USED IN SHEAR/BEARING TYPE CONNECTIONS SHALL BE "SNUG-TIGHT". BOLTS USED IN SLIP-CRITICAL CONNECTIONS SHALL BE TIGHTENED USING THE TURN-OF-THE NUT METHOD, CALIBRATED WRENCH METHOD, OR BY DIRECT TENSION INDICATOR BOLTS.

5. UNLESS OTHERWISE NOTES OR IF UNFACTORED SHEAR FORCES ARE NOT SHOWN ON THE PLANS, PROVIDE SIMPLE SHEAR TYPE CONNECTIONS THAT UTILIZE THE MAXIMUM NUMBER OF ROWS AT 3 INCH STANDARD BOLT SPACING USING MINIMUM 3/4" DIAMETER A325-N BOLTS. ALL BOLTS SHALL BE SHEAR/BEARING TYPE BOLTS AND BE "SNUG-TIGHT".

6. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 USING E70XX ELECTRODES. UNLESS OTHERWISE NOTED, PROVIDE CONT. MIN. SIZED FILLET WELDS PER AISC REQUIREMENTS. ALL FILLER MATERIAL SHALL HAVE A MINIMUM YIELD STRENGTH OF 58 KSI.

7. HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE IS NOT PERMITTED.

8. UNLESS OTHERWISE NOTED, SHOP PAINT FOR STRUCTURAL STEEL SHALL BE TNEMEC 10-1009G. APPLY TO A MINIMUM DRY FILM THICKNESS OF 2.5 MILS. DO NOT PAINT STEEL SURFACES TO BE EMBEDDED IN CONCRETE. EXTEND PRIMING OF PARTIALLY EMBEDDED MEMBERS TO A DEPTH OF 2.5 INCHES. DO NOT PAINT SURFACES TO BE FIELD WELDED, SURFACES TO BE HIGH-STRENGTH BOLTED WITH SLIP-CRITICAL CONNECTIONS, SURFACES TO RECEIVE SPRAYED FIRE RESISTIVE MATERIALS (APPLIED FIREPROOFING), OR GALVANIZED SURFACES.

9. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL PERMANENTLY EXPOSED TO WEATHER SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A159. ALL STRUCTURAL TUBE, PIPE SHAPES, AND STRUCTURAL ASSEMBLIES SHALL HAVE ADEQUATE DRAIN HOLES AND SEAL WELDS.

10. THE STRUCTURAL STEEL ERECTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING (SEE "GENERAL STRUCTURAL NOTES".

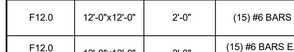
11. COLUMNS, ANCHOR BOLTS, BASE PLATES, ETC. HAVE BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION AND HAVE NOT BEEN INVESTIGATED FOR POTENTIAL LOADINGS ENCOUNTERED DURING STEEL ERECTION AND CONSTRUCTION. ANY INVESTIGATION OF THE COLUMNS, ANCHOR BOLTS, BASE PLATES, ETC. FOR ADEQUACY DURING THE STEEL ERECTION AND CONSTRUCTION PROCESS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

12. STEEL FABRICATOR SHALL BE THOSE QUALIFIED FABRICATORS THAT PARTICIPATE IN THE AISC QUALITY CERTIFICATION PROGRAM AND ARE DESIGNATED AS AN AISC-CERTIFIED PLANT, CATEGORY STD.

13. PROTECTIVE COATINGS DAMAGED DURING THE TRANSPORTING, ERECTING, AND FIELD WELDING PROCESSES SHALL BE REPAIRED IN THE FIELD TO MATCH THE SHOP APPLIED COATING.

14. ALL COLUMNS ERECTED IN THE FIELD SHALL BE PLUMBED IN ACCORDANCE TO AISC TOLERANCES USING LASER OR OTHER SIMILAR EQUIPMENT.

15. THE FOLLOWING IS AN EXAMPLE OF A TYPICAL STEEL BEAM CALLOUT:



KIMBERLY M. HOLLOWAY, P.E.
FLORIDA REG. NO. 69166

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SHEET TITLE: STRUCTURAL NOTES

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FL
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUGUST 29, 2023
DRAWN BY: KMH
CHECKED BY: KMH

SHEET No.
S-0.1

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

PART 1 ADMINISTRATION

1.1 EXPLANATION OF STRUCTURAL INSPECTION PLAN

A. THE ENDEAVOR CONVENTION CENTER IS DEFINED AS A THRESHOLD BUILDING BY CHAPTER 553 OF THE FLORIDA STATUTES AND CHAPTER 2, SECTION 202, OF THE FLORIDA BUILDING CODE AND REQUIRES THE OWNER TO RETAIN A SPECIAL INSPECTOR.

B. THE SPECIAL INSPECTOR SHALL INSPECT ALL STRUCTURAL ELEMENTS OF THE ADDITIONS & ALTERATIONS OF THE CONVENTION CENTER CONSTRUCTION AS SHOWN ON THE STRUCTURAL DRAWINGS AND ANY ASSOCIATED SHOP DRAWINGS IN ACCORDANCE WITH THIS PLAN TO VERIFY THAT THE WORK IS CONSTRUCTED IN SUBSTANTIAL ACCORDANCE WITH THE CONTRACT DOCUMENTS, EXCEPT FOR ACCEPTED VARIATIONS.

1. THE CONTRACT DOCUMENTS ARE DEFINED AS THE PERMITTED DRAWINGS, PROJECT SPECIFICATIONS, AND RECORDED ADDENDA AND AMENDMENTS.

2. EXCEPT AS NOTED, WORK OF THIS PLAN EXCLUDES THE INSPECTION OF ELEMENTS THAT DO NOT CONTRIBUTE TO THE CAPACITY OF THE PRIMARY STRUCTURAL FRAME. THIS INCLUDES, BUT IS NOT LIMITED TO: RAILINGS, FIRE PROTECTION, ROOFING, GLAZED WINDOW SYSTEMS, MECHANICAL/ELECTRICAL SYSTEMS, ARCHITECTURAL COMPONENTS, SITE WORK, AND OSHA SAFETY PROVISIONS OR OTHER SAFETY STANDARDS THAT APPLY DURING THE CONSTRUCTION PERIOD. EXTERIOR MASONRY WALLS AND SLAB-ON-GRADE ARE SPECIFICALLY INCLUDED, EVEN THOUGH THEY ARE NOT COVERED BY THE THRESHOLD PROVISIONS.

C. PROPOSALS FOR SPECIAL INSPECTION SERVICES SHALL BE SEPARATE AND INDEPENDENT FROM PROPOSALS FOR ALL OTHER MATERIALS TESTING AND QUALITY ASSURANCE SERVICES.

D. THE OWNER OR ENFORCING AGENCY MAY SUPPLEMENT THIS PLAN WITH ADDITIONAL INSPECTION REQUIREMENTS AS DEEMED NECESSARY DURING THE COURSE OF THE WORK.

1.2 QUALIFICATIONS OF THE SPECIAL INSPECTOR

A. THE SPECIAL INSPECTOR MAY SEND AN AUTHORIZED REPRESENTATIVE UNDER HIS RESPONSIBLE CHARGE TO UNDERTAKE INSPECTIONS AND SITE VISITS. AS USED IN THIS PLAN, THE TERM SPECIAL INSPECTOR INCLUDES HIS REPRESENTATIVE, U.O.N.

B. THE NAME OF THE SPECIAL INSPECTOR, CERTIFIED BY EITHER THE BOARD OF ARCHITECTURE OR THE BOARD OF PROFESSIONAL ENGINEERS, MUST BE SUBMITTED TO THE DEPARTMENT FOR APPROVAL. THE SPECIAL INSPECTOR SHALL BE A SINGULAR PERSON, NOT A FIRM OR COMPANY, NOR TWO OR MORE PERSONS TAKEN COLLECTIVELY. THE SPECIAL INSPECTOR MAY EMPLOY DULY AUTHORIZED TECHNICAL REPRESENTATIVES IN THE FIELD. HOWEVER, SUCH REPRESENTATIVES MUST:

1. BE A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER, OR

2. GRADUATE FROM AN ENGINEERING EDUCATION PROGRAM IN CIVIL OR STRUCTURAL ENGINEERING, OR

3. GRADUATE FROM AN ARCHITECTURAL EDUCATION PROGRAM, OR

4. SUCCESSFULLY COMPLETED AN NCEES EXAMINATION, OR

5. BE REGISTERED AS EITHER A BUILDING INSPECTOR OR A GENERAL CONTRACTOR.

C. RESUMES OF BOTH THE SPECIAL INSPECTOR AND THE REPRESENTATIVE(S) SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW.

D. THE SPECIAL INSPECTOR SHALL PROVIDE TO THE OWNER INSURANCE CERTIFICATES FOR ALL APPLICABLE COVERAGES, INCLUDING GENERAL LIABILITY, AUTOMOBILE, WORKMEN'S COMPENSATION, AND PROFESSIONAL LIABILITY SPECIFICALLY COVERING THE INSPECTIONS DESCRIBED IN THIS PLAN.

1.3 RESPONSIBILITIES AND LIMITATIONS OF THE SPECIAL INSPECTOR

A. THE SPECIAL INSPECTOR IS RESPONSIBLE TO THE OWNER AND THE ENFORCING AGENCY HAVING JURISDICTION FOR THIS PROJECT. THE SPECIAL INSPECTOR AND THE AUTHORIZED REPRESENTATIVE SHALL:

1. BECOME FAMILIAR WITH THE SPECIFIC STRUCTURAL COMPONENTS AND SYSTEMS THEY WILL BE INSPECTING.

2. DEVELOP A THOROUGH KNOWLEDGE OF THE APPLICABLE CONTRACT DOCUMENTS, ACCEPTED SUBMITTALS, AND GOVERNING CODES.

3. EXERCISE GOOD JUDGEMENT.

B. PRIOR TO STARTING WORK, THE SPECIAL INSPECTOR SHALL PROVIDE TO THE OWNER AND STRUCTURAL ENGINEER A CERTIFIED AFFIDAVIT ATTESTING THAT:

1. HE IS COMPETENT TO PROVIDE THE ENGINEERING SERVICES FOR THE SPECIFIC TYPE OF STRUCTURE.

2. HE HAS REVIEWED THE CONTRACT DOCUMENTS AND UNDERSTANDS THEIR CONTENT AND THE CONCEPT CONVEYED THEREIN.

3. HE HAS READ THE STRUCTURAL INSPECTION PLAN, UNDERSTANDS ITS INTENT AND INTENDS TO COMPLY WITH ITS REQUIREMENTS.

C. THE SPECIAL INSPECTOR IS RESPONSIBLE FOR INSPECTING THE STRUCTURE AS PREVIOUSLY DESCRIBED. REPORTS SHALL IDENTIFY WORK PERFORMED IN GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS, AS WELL AS THE LOCATION AND DESCRIPTION OF ANY DEVIATIONS.

D. THE SPECIAL INSPECTOR IS RESPONSIBLE FOR VERIFYING THAT THE WORK OF THE TESTING AGENCY COMPLIES WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

E. THE SPECIAL INSPECTOR SHALL VISIT THE SITE AT SUCH FREQUENCY TO SATISFY HIMSELF THAT HIS REPRESENTATIVE'S INSPECTIONS COMPLY WITH THIS PLAN.

F. THE SPECIAL INSPECTOR SHALL DEDICATE HIS ENTIRE TIME ON-SITE TO THE REQUIREMENTS OF THIS PLAN AND SHALL NOT PERFORM OTHER WORK, SUCH AS MATERIALS TESTING.

G. THE SPECIAL INSPECTOR SHALL CALL THE STRUCTURAL ENGINEER AT LEAST ONCE EACH WEEK TO DISCUSS DETAILS OF THE PROJECT AND TO CONFIRM THAT HE HAS UP-TO-DATE SKETCHES AND RFI RESPONSES.

H. THE PRESENCE OF THE SPECIAL INSPECTOR DOES NOT RELIEVE THE ENFORCING AGENCY, THE ARCHITECT OR THE STRUCTURAL ENGINEER OF THEIR RESPONSIBILITIES. THE SPECIAL INSPECTOR SHALL NOT MAKE DESIGN DECISIONS OR INTERPRETATIONS OF THE CONTRACT DOCUMENTS.

1.4 REPORTING

A. THE SPECIAL INSPECTOR SHALL RECORD PROGRESS, WORKING CONDITIONS, OBSERVATIONS, TESTING, DEVIATIONS FROM THE CONTRACT DOCUMENTS, AND ANY REQUIRED CORRECTIVE ACTION. HE SHALL RETAIN THE RECORDS FOR A MINIMUM OF 7 YEARS AFTER COMPLETION OF THE PROJECT.

B. THE SPECIAL INSPECTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTOR IN PERSON, AND THE ARCHITECT AND STRUCTURAL ENGINEER BY TELEPHONE, OF MATERIALS, TESTS, EQUIPMENT, WORKMANSHIP OR CONSTRUCTION THAT:

1. DOES NOT CONFORM TO THE CONTRACT DOCUMENTS, OR

2. IS NOT INSPECTED OR TESTED AND CANNOT BE INSPECTED OR TESTED IN PLACE.

THE SPECIAL INSPECTOR SHALL THEN IMMEDIATELY ISSUE THOSE EXCEPTIONS IN WRITING TO THOSE LISTED ABOVE AND ATTACH A COPY TO THE DAILY INSPECTION REPORT.

C. THE SPECIAL INSPECTOR SHALL KEEP AN EXCEPTIONS FILE AND REVIEW IT ON A DAILY BASIS, UPDATING AS EXCEPTIONS ARE RECTIFIED. IF ANY EXCEPTIONS ARE NOT RESOLVED IN A TIMELY MANNER, THE SPECIAL INSPECTOR SHALL ISSUE A NON-COMPLIANCE NOTICE TO THE CONTRACTOR AND SHALL COPY THE ENFORCING AGENCY, OWNER'S REPRESENTATIVE, ARCHITECT AND STRUCTURAL ENGINEER.

D. AFTER EACH INSPECTION, ALL REPORTS FOR THE PROJECT MUST BE SIGNED, SEALED, AND DATED BY THE SPECIAL INSPECTOR. THE REPORT SHALL INCLUDE THE FOLLOWING:

1. THE NAME AND LOCATION OF PROJECT; NAME OF INSPECTOR; PERMIT NUMBER; DATE; WORKING CONDITIONS, INCLUDING WEATHER AND TEMPERATURE; AND TYPE AND LOCATION OF WORK BEING PERFORMED.

2. DETAILS OF EACH INSPECTION, INCLUDING THE PRESENCE AND ACTIVITIES OF THE TESTING AGENCY.

3. NOTE DEFICIENCIES IN THE WORK AND ANY UNUSUAL CIRCUMSTANCES AFFECTING THE PERFORMANCE OF WORK, INCLUDING CHANGES IN MATERIALS OR WORK SEQUENCE. PLACE EMPHASIS ON RECURRING DEFICIENCIES.

4. IDENTIFY CORRECTIONS TO DEFICIENCIES LISTED IN PREVIOUS REPORTS.

SINCE THE SPECIAL INSPECTOR DOES NOT CERTIFY THAT THE CONTRACT DOCUMENTS ARE IN COMPLIANCE WITH THE GOVERNING CODES, ALL STATEMENTS ISSUED SHALL REFER TO WHETHER OR NOT COMPLETED WORK IS IN SUBSTANTIAL ACCORDANCE WITH THE CONTRACT DOCUMENTS.

E. THE REPORT SHALL ALSO COMMENT ON THE FOLLOWING, WHEN APPLICABLE:

1. TEST REPORTS THAT DO NOT COMPLY WITH THE CONTRACT DOCUMENTS.

2. THE GEOTECHNICAL ENGINEER'S INSPECTION REPORTS.

1.4 REPORTING CONT'D

3. SHORING AND RE-SHORING ENGINEER'S INSPECTION REPORTS.

4. CHANGES MADE IN THE FIELD.

THE REPORT SHALL ALSO INCLUDE PHOTOGRAPHS.

F. THE SPECIAL INSPECTOR SHALL SUBMIT THE REPORTS TO THE ENFORCING AGENCY, OWNER'S REPRESENTATIVE, ARCHITECT AND STRUCTURAL ENGINEER UNDER A SIGNED AND SEALED COVER LETTER ON A WEEKLY BASIS.

G. THE INSPECTOR SHALL POST AT THE JOBSITE A LOG SUMMARIZING ALL INSPECTIONS. THE HEADER SHALL CONTAIN, AS A MINIMUM, THE PROJECT NAME AND LOCATION; PERMIT NUMBER; AND THE NAME OF THE SPECIAL INSPECTOR, OWNER, AND CONTRACTOR. THE INSPECTOR SHALL WRITE AN ENTRY AFTER EACH INSPECTION THAT INCLUDES THE DATE, CONSTRUCTION PHASE, WORK DESCRIPTION, COMMENTS, HIS SIGNATURE, AND WHETHER THE WORK INSPECTED IS APPROVED OR REJECTED.

H. THE SPECIAL INSPECTOR, UPON COMPLETION OF THE BUILDING AND PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, MUST FILE A SIGNED AND SEALED STATEMENT WITH THE CITY OF MEXICO BEACH IN SUBSTANTIALLY THE FOLLOWING FORM: "TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE CONSTRUCTION OF ALL STRUCTURAL LOAD-BEARING COMPONENTS DESCRIBED IN THE SPECIAL INSPECTION PLAN COMPLIES WITH THE APPROVED DOCUMENTS, AND THE SPECIALTY SHORING DESIGN PROFESSIONAL ENGINEER HAS ASCERTAINED THAT THE SHORING AND RESHORING CONFORMS WITH THE SHORING AND RESHORING PLANS SUBMITTED TO THE CITY OF MEXICO BEACH."

I. ADDITIONALLY, DURING INSPECTION ALL SHORING PLANS ARE TO BE FILED WITH THE CITY OF MEXICO BEACH.

1.5 CONTRACTOR REQUIREMENTS

A. THE CONTRACTOR SHALL PROVIDE THE SPECIAL INSPECTOR WITH AN OFFICE AT THE CONSTRUCTION SITE THAT INCLUDES, AS A MINIMUM, A DESK, CHAIR, PLAN TABLE, PLAN RACK, FILING CABINET, TELEPHONE, UTILITIES, AIR CONDITIONING, JANITORIAL SERVICES, PARKING ON SITE AND ACCESS TO A FAX MACHINE.

B. THE CONTRACTOR SHALL FURNISH TO THE SPECIAL INSPECTOR COPIES OF ALL REVIEWED AND APPROVED SUBMITTALS FOR STRUCTURAL ELEMENTS, EXCLUDING CALCULATIONS, IN A TIMELY MANNER.

C. THE CONTRACTOR SHALL COOPERATE WITH AND ASSIST THE SPECIAL INSPECTOR IN PERFORMING HIS INSPECTION DUTIES AND SHALL PROVIDE HIM WITH FREE ACCESS TO THE WORK AT ALL TIMES.

D. THE INSPECTOR SHALL MAKE SPOT INSPECTIONS OF WORK IN PROGRESS IN AN EFFORT TO DETECT DEVIATIONS EARLY. HOWEVER, THIS DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR CORRECTING DEVIATIONS FROM THE CONTRACT DOCUMENTS DISCOVERED AT ANY TIME.

E. IN ORDER TO ASSURE TIMELY AND APPROPRIATE INSPECTIONS, THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR OF CONSTRUCTION SCHEDULES AND PLANNED OPERATIONS A MINIMUM OF 24 HOURS PRIOR TO THE TIME OF THE INSPECTION. REINFORCING STEEL INSPECTIONS SHALL BE SCHEDULED FOR AT LEAST ONE HOUR PRIOR TO CONCRETE DELIVERY.

F. IF ANY OF THE CONTRACTOR'S WORK IS NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS, HE MAY EITHER CORRECT IT OR SUBMIT TO THE ARCHITECT/ENGINEER A REQUEST FOR ACCEPTANCE OF THE DEVIATION.

G. CONSTRUCTION THAT IS NOT INSPECTED AND THAT CANNOT BE INSPECTED MAY REQUIRE TESTING OR REMOVAL AS DETERMINED BY THE STRUCTURAL ENGINEER.

H. IF WORK IS NOT IN SUBSTANTIAL ACCORDANCE WITH THE CONTRACT DOCUMENTS, OR IF ANY CONSTRUCTION IS NOT INSPECTED AND CANNOT BE INSPECTED, THE SPECIAL INSPECTOR WILL NOT BE ABLE TO ISSUE A COMPLETION STATEMENT AND THE BUILDING WILL NOT RECEIVE A CERTIFICATE OF OCCUPANCY.

I. SPECIAL INSPECTIONS DO NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS, ANY STATUTORY OR CONTRACTUAL OBLIGATIONS, NOR HIS RESPONSIBILITIES TO CARRY OUT QUALITY CONTROL INSPECTIONS AND TESTING. THE CONTRACTOR HAS THE SOLE RESPONSIBILITY FOR ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS AND SHALL BEAR THE COST OF ANY REQUIRED CORRECTIONS. WHILE THE SPECIAL INSPECTOR SHALL COOPERATE WITH THE CONTRACTOR, HE SHALL NEITHER DIRECT THE CONTRACTOR'S WORK NOR BE RESPONSIBLE FOR HIS CONSTRUCTION MEANS AND METHODS.

J. ALL SHORING AND RE-SHORING SHALL BE INSTALLED IN ACCORDANCE WITH THE DELEGATED SHORING ENGINEER'S SIGNED AND SEALED SHORING AND RE-SHORING DRAWINGS. THE SHORING ENGINEER OR HIS REPRESENTATIVE SHALL INSPECT THE SHORING AND RESHORING PRIOR TO EACH CONCRETE POUR TO CONFIRM THAT THE WORK COMPLIES WITH THE DRAWINGS AND SPECIFICATIONS. THE INSPECTOR SHALL PROVIDE HIS WRITTEN REPORT TO THE SPECIAL INSPECTOR. SEE STRUCTURAL NOTES AND SPECIFICATIONS FOR COMPLETE REQUIREMENTS.

1.6 OWNER REQUIREMENTS

A. THE OWNER SHALL ARRANGE FOR THE SPECIAL INSPECTOR TO RECEIVE ALL APPROPRIATE CONTRACT DOCUMENTS, INCLUDING TWO COMPLETE SETS OF ALL ARCHITECTURAL AND STRUCTURAL DOCUMENTS, INCLUDING DRAWINGS AND SPECIFICATIONS, AND THE GEOTECHNICAL REPORT AT THE START OF CONSTRUCTION. THE OWNER SHALL ALSO ENSURE THAT THE SPECIAL INSPECTOR RECEIVES IN A TIMELY MANNER ALL MATERIAL TEST REPORTS AND TWO COPIES OF ALL STRUCTURAL CHANGES, REVISIONS, ADDENDA, ETC.

B. THE OWNER SHALL RETAIN A GEOTECHNICAL CONSULTANT AND TESTING AGENCY AS REQUIRED BY THE CONTRACT DOCUMENTS.

PART II INSPECTIONS

2.1 GENERAL

THE FOLLOWING IS A GENERAL INSPECTION PLAN DESCRIBING WORK TO BE PERFORMED BY THE SPECIAL INSPECTOR. THE INTENT IS TO DESCRIBE THE MINIMUM REQUIREMENTS NECESSARY TO CONFIRM THAT WORK COMPLIES WITH THE CONTRACT DOCUMENTS. THE FOLLOWING ARE NOT INSPECTOR CHECK LISTS BUT POINT OUT SOME CRITICAL AREAS REQUIRING SPECIFIC ATTENTION BY THE SPECIAL INSPECTOR.

2.2 SHALLOW FOUNDATION AND SLAB-ON-GRADE PREPARATION

A. THE GEOTECHNICAL CONSULTANT OR TESTING AGENCY RETAINED BY THE OWNER SHALL MONITOR AND TEST ALL BACKFILL AND COMPACTION OPERATIONS AND SHALL CONFIRM THAT THE SUBGRADE PREPARATION OF ALL FOUNDATIONS AND SLAB-ON-GRADE COMPLIES WITH THE GEOTECHNICAL REPORT AND THE CONTRACT DOCUMENTS. HE/SHE SHALL FURNISH THE SPECIAL INSPECTOR WITH DAILY REPORTS AS WELL AS THE COMPLETION REPORT REQUIRED BY THE CONTRACT DOCUMENTS.

B. VERIFY THAT SUBGRADE DISTURBED BY OTHER TRADES IS PROPERLY RECOMPACTED.

2.3 CAST-IN-PLACE CONCRETE

A. THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR A MINIMUM OF 24 HOURS PRIOR TO THE PLACEMENT OF ANY STRUCTURAL CONCRETE.

B. INSPECT SHORING, RESHORING AND FORMWORK AS FOLLOWS:

1. VERIFY THAT THE DELEGATED SHORING AND RESHORING ENGINEER HAS CONFIRMED THAT THE SHORING AND RESHORING ARE IN COMPLIANCE WITH HIS SHOP DRAWINGS. ADDITIONALLY, THE SPECIAL INSPECTOR SHALL INSPECT THE SHORING AND RESHORING FOR CONFORMANCE WITH THE SHORING AND RESHORING PLANS SUBMITTED TO THE ENFORCING AGENCY.

2. SPOT CHECK SHORING AND RESHORING LAYOUT, ALIGNMENT AND MATERIALS.

3. CONFIRM THAT THE TIMING OF SHORING, RESHORING, AND FORMWORK PROCEDURES AND REMOVAL COMPLY WITH THE CONTRACT DOCUMENTS AND THE SHORING ND RESHORING DRAWINGS. WHERE APPROPRIATE, VERIFY THAT CONCRETE TEST CYLINDER STRENGTH IS ADEQUATE PRIOR TO FORM REMOVAL.

C. VERIFY THAT SLAB THICKNESS IS MAINTAINED AT SLAB DEPRESSIONS AND STEPS.

D. INSPECT REINFORCING STEEL PER THE STRUCTURAL DRAWINGS, SUPPLEMENTED BY THE APPROVED SHOP DRAWINGS, TO VERIFY THE FOLLOWING:

1. REINFORCING STEEL GRADE, SIZE, QUANTITY, CONFIGURATION AND SPACING.

2. REINFORCING STEEL IS ADEQUATELY SUPPORTED AND TIED TO RESIST DISPLACEMENT DURING CONCRETE POUR AND THAT CONCRETE COVER IS PROPER.

3. HOOKED BARS ARE PLACED PROPERLY.

4. EMBEDMENT LENGTHS, SPLICE LOCATIONS AND LAP SPLICE LENGTHS ARE ACCEPTABLE.

5. PROPER TIE SPACING.

6. CONFIRM THAT REINFORCING STEEL SURFACES ARE FREE OF EXCESS RUST OR OTHER COATINGS THAT MAY ADVERSELY AFFECT BONDING CAPACITY. VERIFY THAT FORM OIL, WHERE USED, IS APPLIED BEFORE REINFORCING STEEL IS PLACED.

7. REINFORCING STEEL LAYERS IN SLABS AND WALLS ARE PROPER.

E. INSPECT WELDED WIRE REINFORCEMENT TO VERIFY THE FOLLOWING:

1. WIRE SIZE AND SPACING IN EACH DIRECTION COMPLY WITH THE STRUCTURAL DRAWINGS.

2. WWR IS ADEQUATELY SUPPORTED AND TIED TO RESIST DISPLACEMENT DURING CONCRETE POUR AND THAT CONCRETE COVER IS PROPER.

2.3 CAST-IN-PLACE CONCRETE CONT'D

3. SPLICES ARE ADEQUATE LENGTH AND PROPERLY TIED.

4. WWR SURFACES ARE FREE OF EXCESS RUST OR OTHER COATINGS THAT MAY ADVERSELY AFFECT BONDING CAPACITY.

F. CHECK THAT EXPANSION JOINT MATERIAL, DOVETAIL SLOTS, ANCHORS, EMBEDDED CONDUITS, AND LOAD CARRYING EMBEDDED ITEMS ARE PROPERLY POSITIONED AND SECURED TO RESIST DISPLACEMENT DURING CONCRETING. RELOCATION OF OR MODIFICATION TO STRUCTURAL ITEMS DUE TO CONFLICT WITH REINFORCING IS PROHIBITED WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.

G. INSPECT CONSTRUCTION JOINTS AS FOLLOWS:

1. VERIFY THAT DOWELS, KEYWAYS AND BULKHEADS COMPLY WITH THE CONTRACT DOCUMENTS.

2. CONFIRM THAT SLAB CONSTRUCTION JOINT LOCATIONS COMPLY WITH THE CONTRACTOR'S CONSTRUCTION JOINT PLAN SUBMITTED TO THE ARCHITECT.

H. VERIFY THAT SAWCUT JOINTS ARE:

1. PROVIDED ONLY WHERE INDICATED.

2. THE PROPER DEPTH, SPACING AND LOCATION.

3. PROVIDED IN THE TIME FRAME INDICATED IN THE CONTRACT DOCUMENTS.

I. CHECK THAT ALL FOREIGN MATERIAL IS REMOVED FROM FORMS OR EXCAVATIONS PRIOR TO CONCRETING.

J. INSPECTOR SHALL REVIEW CONCRETE TEST REPORTS AND BE ON SITE AT THE START OF EACH CONCRETE POUR REQUIRING INSPECTION BY THIS PLAN. REMAIN ON SITE FOR A SUFFICIENT TIME TO CONFIRM THAT CONCRETING PRACTICES ARE PROPER AND COMPLY WITH ACI 301, ASTM C94 AND OTHER RECOGNIZED INDUSTRY STANDARDS, INCLUDING THE FOLLOWING:

1. ALL REINFORCING STEEL CORRECTIONS ARE COMPLETED PRIOR TO CASTING CONCRETE.

2. THE FIRST CONCRETE TRUCK OF EACH TYPE OF CONCRETE POUR HAS THE PROPER CONCRETE MIX NUMBER AND STRENGTH AND THAT THE BATCH TIME LEAVES SUFFICIENT TIME TO POUR ALL CONCRETE FROM THE TRUCK. SPOT CHECK FUTURE TRUCKS.

3. THE TESTING AGENCY IS ON SITE FOR EACH TYPE OF CONCRETE POUR TO TEST CONCRETE AS REQUIRED BY THE CONTRACT DOCUMENTS, INCLUDING MIXING TIME, TEMPERATURE, SLUMP, AND AIR CONTENT, AND REPORTS ANY CONCRETE DELIVERED THAT IS NOT AS SPECIFIED. CHECK THAT ADDITION OF WATER TO THE CONCRETE MIX IN THE FIELD COMPLIES WITH THE GUIDELINES IN THE CONTRACT DOCUMENTS.

4. CONCRETE IS BEING CONVEYED FROM MIXER TO PLACE OF FINAL DEPOSIT BY RECOGNIZED INDUSTRY STANDARDS. CONCRETE IS BEING PLACED CONTINUOUSLY, OR IN A MANNER TO AVOID PLACING CONCRETE AGAINST HARDENED CONCRETE, RESULTING IN THE FORMATION OF SEAMS OR PLANES OF WEAKNESS.

5. CONCRETE IS BEING CONSOLIDATED AND THOROUGHLY WORKED AROUND REINFORCEMENT, EMBEDDED ITEMS AND INTO CORNERS OF FORMS, ELIMINATING AIR OR STONE POCKETS THAT MAY CAUSE HONEYCOMBING, PITTING OR PLANES OF WEAKNESS.

6. SPOT CHECK THAT CURING PROCEDURES COMPLY WITH THE CONTRACT DOCUMENTS, ACI 308, "STANDARD PRACTICE FOR CURING CONCRETE" AND OTHER RECOGNIZED INDUSTRY STANDARDS.

K. INSPECTOR SHALL VERIFY THE SIZE AND THICKNESS OF FOOTINGS, CHECK THE REBAR CLEAR COVER AND VERIFY THE SIZE, TYPE AND PLACEMENT OF REBAR.

L. AFTER FORMWORK REMOVAL, SPOT CHECK CONCRETE SURFACES FOR HONEYCOMBING AND VOIDS.

M. INSPECT EXPANSION ANCHORS AND CHEMICAL ADHESIVES FOR ANCHORING REINFORCING STEEL AND THREADED RODS USED TO SUPPORT WORK DESCRIBED IN THIS PLAN AS FOLLOWS:

1. VERIFY HOLE DIAMETER, DEPTH, LOCATION, SPACING, AND EDGE DISTANCE AND CONFIRM THAT HOLE HAS BEEN THOROUGHLY CLEANED AS REQUIRED BY MANUFACTURER.

2. VERIFY THAT EXPANSION ANCHORS ARE PROPERLY TIGHTENED.

3. VERIFY THAT THE EPOXY TYPE IS PROPER FOR THE APPLICATION, SUCH AS PASTE FOR HORIZONTAL HOLES. VERIFY THAT EPOXY MIXING AND INSTALLATION COMPLY WITH MANUFACTURER'S REQUIREMENTS.

2.4 MASONRY

A. INSPECT ALL REINFORCED MASONRY PER ACI 530, ACI 530.1 AND AS FOLLOWS:

1. SPOT CHECK THAT MATERIALS ARE PROPERLY STORED.

2. WORKMANSHIP.

3. UNIT SIZE, STRENGTH AND WEIGHT.

4. MORTAR AND GROUT TYPE, MIXING AND PLACEMENT.

5. PLACEMENT OF REINFORCING STEEL AND JOINT REINFORCING, INSERTS, ANCHORS AND OTHER STRUCTURAL ASPECTS.

6. CHECK CLEANOUT AREAS TO CONFIRM THAT CELLS TO BE REINFORCED ARE CLEAN AND FREE OF ALL FOREIGN MATERIAL AND THAT VERTICAL BAR IS TIED TO DOWEL.

7. CONTROL JOINT CONSTRUCTION.

8. DURING GROUTING, VERIFY THAT ALL CELLS ARE FILLED SOLID AND THAT GROUT IS CONSOLIDATED AS REQUIRED BY THE CONTRACT DOCUMENTS. IF IN DOUBT AFTER COMPLETION, CHECK USING A HAMMER.

9. CHECK CONNECTION OF SIDE OR TOP OF WALL TO SUPPORTING ELEMENTS.

10. CHECK TIE BEAM AND TIE COLUMN SIZE, SPACING AND REINFORCING.

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SHEET TITLE: THRESHOLD INSPECTION PLAN

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FL
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUGUST 29, 2023
DRAWN BY: KMH
CHECKED BY: KMH

SHEET No.
S-0.2

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2.5 STRUCTURAL STEEL FRAMING

A. INSPECT MATERIALS FOR PROPER SIZE, CONDITION, FINISH, GRADE AND FABRICATION INCLUDING CUTTING, NOTCHING, CAMBER AND HOLES PER CONTRACT DOCUMENTS AND SHOP DRAWINGS.

B. INSPECT ERECTION FOR LOCATION, LEVELNESS, PLUMBNESS, STRAIGHTNESS, FINISH, AND FIT.

C. GENERALLY INSPECT BOLTED CONNECTIONS FOR PROPER NUMBER, TYPES, SIZES AND TIGHTENING OF BOLTS. CHECK THAT BOLTS ARE CLEAN AND LUBRICATED, HAVE PROPER WASHERS, AND CONFORM TO THE SPECIFICATIONS. SPOT CHECK THE BOLT THIGHTENING SEQUENCE. VISUALLY VERIFY PROPER DEGREE OF BOLT TIGHTENING, PARTICULARLY OF ALL SLIP-CRITICAL BOLTS. CHECK 10% OF LOAD INDICATOR WASHERS WITH A FEELER GAUGE.

D. MAKE A VISUAL INSPECTION OF ALL WELDS FOR TYPE, LENGTH, SIZE AND QUALITY OF WELD. VERIFY WELDERS ON SITE MAKING FIELD WELDS HAVE CURRENT AWS CERTIFICATES FOR THE TYPE OF WELDS BEING MADE. VERIFY THAT SPECIFIED TESTING IS PERFORMED BY THE TESTING AGENCY. VERIFY THAT WELDS ARE CLEAN AND FREE FROM SLAG AND THAT RUST PROTECTION HAS BEEN APPLIED PER SPECIFICATIONS.

E. INSPECT HEADED STUD ANCHORS FOR SIZE, LENGTH, SPACING AND WELDING AS REQUIRED BY THE CONTRACT DOCUMENTS.

F. INSPECT THE SETTING OF SHELF ANGLES, BEARING PLATES, EMBEDS AND MISCELLANEOUS STRUCTURAL ITEMS TO VERIFY SIZE, QUANTITY, LOCATION AND FINISH.

G. VISUALLY INSPECT ALL FIELD WELDING AND BOLTING.

H. VERIFY TESTING AND SECONDARY INSPECTIONS REQUIRED BY THE CONTRACT DOCUMENTS ARE PERFORMED.

I. CONFIRM THAT PAINT IS ONLY APPLIED ON APPROPRIATE SURFACES.

J. STRUCTURAL STEEL SHOP INSPECTIONS:

1. THE CONTRACT DOCUMENTS PLACE RESPONSIBILITY FOR SHOP INSPECTION AND TESTING WITH THE FABRICATOR'S QUALITY CONTROL PROGRAM. THE SPECIAL INSPECTOR SHALL BECOME FAMILIAR WITH THIS PROGRAM.

2. VISIT EACH FABRICATION SHOP PERIODICALLY TO VERIFY THAT, IN GENERAL, THE FABRICATOR IS COMPLYING WITH ALL ASPECTS OF THE QUALITY CONTROL PROGRAM AND THE CONTRACT DOCUMENTS. REVIEW THE TEST REPORTS, VERIFY WELDER'S CERTIFICATES, AND SPOT CHECK SPECIFIC CONDITIONS. ISSUE A REPORT OF ALL FINDINGS.

2.6 METAL ROOF DECK

A. CHECK ALL STEEL DECKS PER SDI SPECIFICATIONS AND AS FOLLOWS:

1. DECK TYPE, SIZE, GAGE, FINISH CONDITION, LAPS, ACCESSORIES AND REINFORCEMENT AROUND OPENINGS.

2. SPACING AND TYPE OF ALL CONNECTIONS.

3. WELDING PROCEDURES.

4. WELD SIZE, SHAPE, QUALITY, RUST PROTECTIONS AND WELD WASHERS, WHERE APPLICABLE.

5. SCREW SIZE, TYPE AND FINISH AND OTHER CONNECTION TO SUPPORTS.

6. INSPECT MATERIALS FOR MARK NUMBERS AND CONFIRM ACTUAL LAYOUT IS IN ACCORDANCE WITH LAYOUT PLAN AND MARK NUMBER LOCATIONS INDICATED ON VENDOR DRAWINGS.

7. INSPECT JOINTS AND SIDELAP CONNECTIONS FOR CONFORMITY TO CONSTRUCTION PLAN DETAILS.

2.7 LIGHT GAGE FRAMING

A. THE SPECIAL INSPECTOR SHALL INSPECT ALL FRAMING USING BOTH THE CONTRACT DOCUMENTS AND THE APPROVED SHOP DRAWINGS.

B. INSPECT ALL FRAMING MEMBERS FOR TYPE, SIZE, GAGE AND SPACING.

C. INSPECT ALL CONNECTIONS AND VERIFY COMPLIANCE PRIOR TO CONCEALMENT.

1. INSPECT SCREW TYPE, SIZE, QUANTITY, SPACING AND EDGE DISTANCE.

2. INSPECT CONNECTION MATERIALS SUCH AS PLATES AND ANGLES, INCLUDING GAGE OF MATERIAL, LENGTH AND CONFIGURATION.

3. INSPECT ALL WELDING FOR SIZE, LENGTH AND QUALITY. VERIFY THAT NO EXCESSIVE BURNING OR NOTCHING HAS OCCURRED.

4. INSPECT ATTACHMENT TO STRUCTURE, INCLUDING FASTENERS. VERIFY THAT FASTENERS ARE SPECIFIED SIZE AND TYPE AND ARE PROPERLY INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

PART III TESTING AND SUBMITTALS

3.1 MATERIALS TESTING

A. THE TESTING AGENCY RETAINED BY THE OWNER SHALL PERFORM ALL TESTS DESCRIBED IN THE CONTRACT DOCUMENTS AND SHALL PROVIDE A REPORT OF EACH TEST OF WORK DESCRIBED IN THIS PLAN TO THE OWNER, CONTRACTOR, ARCHITECT/ENGINEER AND SPECIAL INSPECTOR.

B. THE SPECIAL INSPECTOR SHALL REVIEW ALL MATERIAL TEST REPORTS UPON RECEIPT AND SHALL INCLUDE IN HIS REPORT ANY RESULTS THAT DO NOT COMPLY WITH THE CONTRACT DOCUMENTS.

C. THE SPECIAL INSPECTOR MAY REQUEST THE OWNER'S REPRESENTATIVE TO AUTHORIZE ADDITIONAL TESTS WHEN APPROPRIATE.

3.2 STRUCTURAL SUBMITTALS

A. THE SPECIAL INSPECTOR SHALL REVIEW AND BECOME FAMILIAR WITH ALL SUBMITTALS. THE CONTRACTOR SHALL PROVIDE THE SPECIAL INSPECTOR WITH ONE COPY OF ALL STRUCTURAL SUBMITTALS, EXCLUDING CALCULATIONS, AND ALL ACCEPTED ALTERNATES FOR HIS RECORD AND USE. ALL SHOP DRAWINGS AND OTHER SUBMITTALS REFERENCED IN THIS PLAN SHALL CONTAIN EVIDENCE OF REVIEW AND ACCEPTANCE BY THE CONTRACTOR, ARCHITECT, AND STRUCTURAL ENGINEER. AS A MINIMUM, THE FOLLOWING SUBMITTALS SHALL BE PROVIDED.

1. REINFORCING STEEL FABRICATION AND PLACEMENT DRAWINGS AND BAR LISTS.

2. CONCRETE MIX DESIGNS FOR EACH PROPOSED STRENGTH AND TYPE OF CONCRETE.

3. MASONRY TEST REPORTS AND MORTAR AND GROUT DESIGN MIXES.

4. THE DELEGATED SHORING AND RE-SHORING ENGINEER'S INSPECTION REPORTS AND SIGNED AND SEALED DRAWINGS PRIOR TO PLACEMENT OF CONCRETE, WHEN REQUIRED.

5. FABRICATION AND ERECTION DRAWINGS FOR EMBEDDED ANCHORS, CONNECTION PLATES, HANGERS, AND ALL OTHER STRUCTURAL METALS.

6. STEEL DECK PIECE AND ERECTION DRAWINGS.

7. EXTERIOR OR LOAD-BEARING LIGHT GAGE FRAMING SHOP AND ERECTION DRAWINGS.

8. STRUCTURAL STEEL FABRICATION AND ERECTION DRAWINGS, MILL TEST REPORTS, AND WELDER CERTIFICATES.

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ADDITIONS & ALTERATIONS
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JOB NUMBER: M-2020-20
DATE: AUGUST 29, 2023
DRAWN BY: KMH
CHECKED BY: KMH

SHEET No.

S-0.3

COMPONENTS AND CLADDING WIND PRESSURES
FOR GABLE ROOFS: SLOPE 2.5±:12

ROOF ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA, SF	WIND PRESSURE AND SUCTION (PSF) PRESSURE	SUCTION
1 & 2e	2	+32.8	-81.2
	10	+26.6	-81.2
	20	+24.0	-81.2
	50	+20.5	-49.4
	75	+19.0	-35.3
	100	+17.9	-25.3
	200	+17.9	-25.3
2n, 2r, & 3e	2	+32.8	-118.4
	10	+26.6	-118.4
	20	+24.0	-102.4
	50	+20.5	-81.2
	75	+19.0	-71.8
	100	+17.9	-65.1
	200	+17.9	-49.1
3r	2	+32.8	-140.8
	10	+26.6	-140.8
	20	+24.0	-120.6
	50	+20.5	-93.9
	75	+19.0	-82.1
	100	+17.9	-73.7
	200	+17.9	-73.7

"a" = 12'-0"

ROOF OVERHANG ULTIMATE WIND PRESSURES

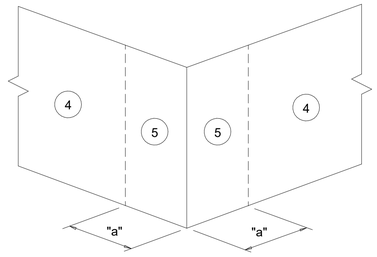
ZONE	EFFECTIVE WIND AREA, SF	WIND PRESSURE AND SUCTION (PSF) PRESSURE	SUCTION
1 & 2e O.H.	2	+32.8	-93.1
	10	+26.6	-93.1
	20	+24.0	-93.1
	50	+20.5	-71.9
	75	+19.0	-62.5
	100	+17.9	-55.9
	200	+17.9	-55.9
2n & 2r O.H.	2	+32.8	-130.3
	10	+26.6	-130.3
	20	+24.0	-118.3
	50	+20.5	-102.4
	75	+19.0	-95.4
	100	+17.9	-90.4
	200	+17.9	-78.4
3e O.H.	2	+32.8	-152.7
	10	+26.6	-152.7
	20	+24.0	-131.8
	50	+20.5	-104.3
	75	+19.0	-92.1
	100	+17.9	-83.4
	200	+17.9	-62.6
3r O.H.	2	+32.8	-175.0
	10	+26.6	-175.0
	20	+24.0	-148.1
	50	+20.5	-112.6
	75	+19.0	-96.8
	100	+17.9	-85.7
	200	+17.9	-85.7

"a" = 12'-0"
NOTE: OVERHANG PRESSURES IN THE TABLE ASSUME AN INTERNAL PRESSURE COEFFICIENT (GCpi) OF 0.0.

WALL ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA, SF	WIND PRESSURE AND SUCTION (PSF) PRESSURE	SUCTION
4	10	+43.9	-47.7
	20	+42.0	-45.7
	50	+39.3	-43.1
	100	+37.4	-41.1
	200	+35.4	-39.1
5	10	+43.9	-58.8
	20	+42.0	-54.9
	50	+39.3	-49.6
	100	+37.4	-45.7
	200	+35.4	-41.7

"a" = 12'-0"



C&C WALL DIAGRAM

COMPONENTS AND CLADDING WIND PRESSURES
FOR FLAT ROOFS

ROOF ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA, SF	WIND PRESSURE AND SUCTION (PSF) PRESSURE	SUCTION
1	10	+16.0	-60.5
	20	+16.0	-56.5
	50	+16.0	-51.2
	100	+16.0	-47.2
	200	+16.0	-43.3
1'	10	+16.0	-34.8
	20	+16.0	-34.8
	50	+16.0	-34.8
	100	+16.0	-34.8
	200	+16.0	-29.9
2	10	+16.0	-79.8
	20	+16.0	-74.7
	50	+16.0	-67.9
	100	+16.0	-62.8
	200	+16.0	-57.6
3	10	+16.0	-108.8
	20	+16.0	-98.5
	50	+16.0	-85.0
	100	+16.0	-74.7
	200	+16.0	-64.4

"0.2h" = 3'-0"
"0.6h" = 9'-0"

ROOF OVERHANG ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA, SF	WIND PRESSURE AND SUCTION (PSF) PRESSURE	SUCTION
1 & 1' O.H.	10	+16.0	-54.7
	20	+16.0	-53.7
	50	+16.0	-52.5
	100	+16.0	-51.5
	200	+16.0	-43.2
2 O.H.	10	+16.0	-74.0
	20	+16.0	-67.2
	50	+16.0	-58.1
	100	+16.0	-51.3
	200	+16.0	-44.5
3 O.H.	10	+16.0	-103.0
	20	+16.0	-91.0
	50	+16.0	-75.2
	100	+16.0	-63.2
	200	+16.0	-51.2

"0.2h" = 3'-0"
"0.6h" = 9'-0"

NOTE: OVERHANG PRESSURES IN THE TABLE ASSUME AN INTERNAL PRESSURE COEFFICIENT (GCpi) OF 0.0.

WALL ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA, SF	WIND PRESSURE AND SUCTION (PSF) PRESSURE	SUCTION
4	10	+34.8	-37.7
	20	+33.2	-36.1
	50	+31.2	-34.1
	100	+29.6	-32.5
	200	+28.1	-31.0
5	10	+34.8	-46.3
	20	+33.2	-43.3
	50	+31.2	-39.2
	100	+29.6	-36.1
	200	+28.1	-33.0

"a" = 6'-0"
NOTE: GCp REDUCED BY 10% DUE TO ROOF ANGLE <=10 DEGREES.

COMPONENTS AND CLADDING WIND PRESSURES
FOR MONOSLOPE ROOF: SLOPE 2:12

ROOF ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA, SF	WIND PRESSURE AND SUCTION (PSF) PRESSURE	SUCTION
1	10	+16.2	-43.3
	20	+16.0	-43.3
	50	+16.0	-43.3
	100	+16.0	-43.3
	200	+16.0	-43.3
2	10	+16.2	-50.1
	20	+16.0	-49.0
	50	+16.0	-47.7
	100	+16.0	-46.7
	200	+16.0	-46.7
2'	10	+16.2	-60.2
	20	+16.0	-59.2
	50	+16.0	-57.8
	100	+16.0	-56.8
	200	+16.0	-56.8
3	10	+16.2	-67.0
	20	+16.0	-60.9
	50	+16.0	-52.8
	100	+16.0	-46.7
	200	+16.0	-46.7
3'	10	+16.2	-94.0
	20	+16.0	-83.9
	50	+16.0	-70.4
	100	+16.0	-60.2
	200	+16.0	-60.2

"a" = 7'-8"
"2a" = 15'-4"
"4a" = 30'-8"

ROOF OVERHANG ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA, SF	WIND PRESSURE AND SUCTION (PSF) PRESSURE	SUCTION
1 & 2 O.H.	10	+16.2	-84.6
	20	+16.0	-84.6
	50	+16.0	-65.3
	100	+16.0	-50.7
	200	+16.0	-50.7
2' O.H.	10	+16.2	-118.4
	20	+16.0	-107.5
	50	+16.0	-93.0
	100	+16.0	-82.1
	200	+16.0	-71.2
3 O.H.	10	+16.2	-138.7
	20	+16.0	-119.8
	50	+16.0	-94.7
	100	+16.0	-75.8
	200	+16.0	-56.8
3' O.H.	10	+16.2	-159.0
	20	+16.0	-134.5
	50	+16.0	-102.2
	100	+16.0	-77.8
	200	+16.0	-77.8

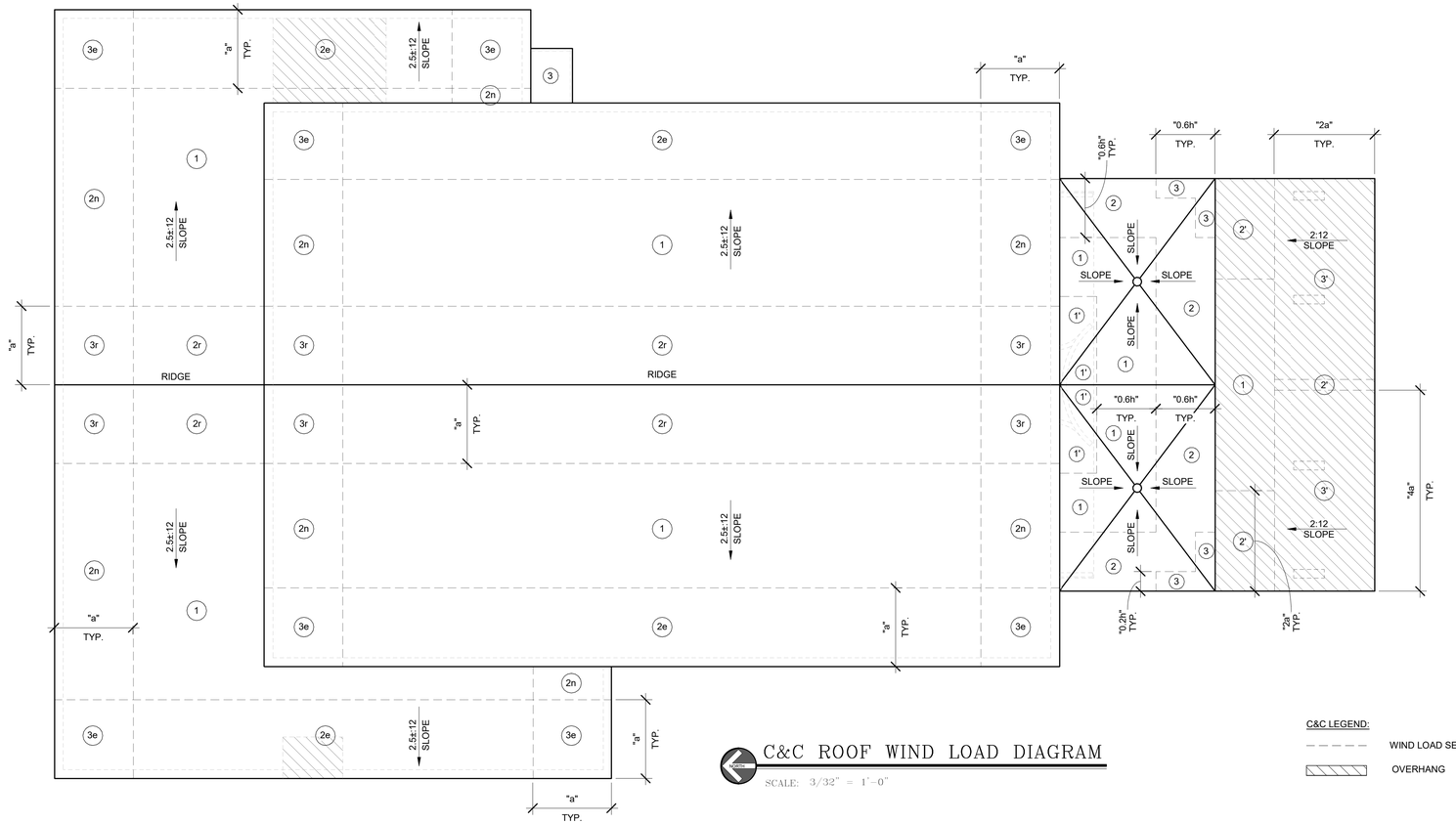
"a" = 7'-8"
"2a" = 15'-4"
"4a" = 30'-8"

NOTE: OVERHANG PRESSURES IN THE TABLE ASSUME AN INTERNAL PRESSURE COEFFICIENT (GCpi) OF 0.0.

WALL ULTIMATE WIND PRESSURES

ZONE	EFFECTIVE WIND AREA, SF	WIND PRESSURE AND SUCTION (PSF) PRESSURE	SUCTION
4	10	+36.5	-39.6
	20	+34.9	-38.0
	50	+32.8	-35.8
	100	+31.2	-34.2
	200	+29.5	-32.6
5	10	+36.5	-48.7
	20	+34.9	-45.5
	50	+32.8	-41.2
	100	+31.2	-38.0
	200	+29.5	-34.7

"a" = 7'-8"



C&C ROOF WIND LOAD DIAGRAM

SCALE: 3/32" = 1'-0"

C&C LEGEND:
- WIND LOAD SEPARATION
- OVERHANG

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FLORIDA REG. NO. 69166

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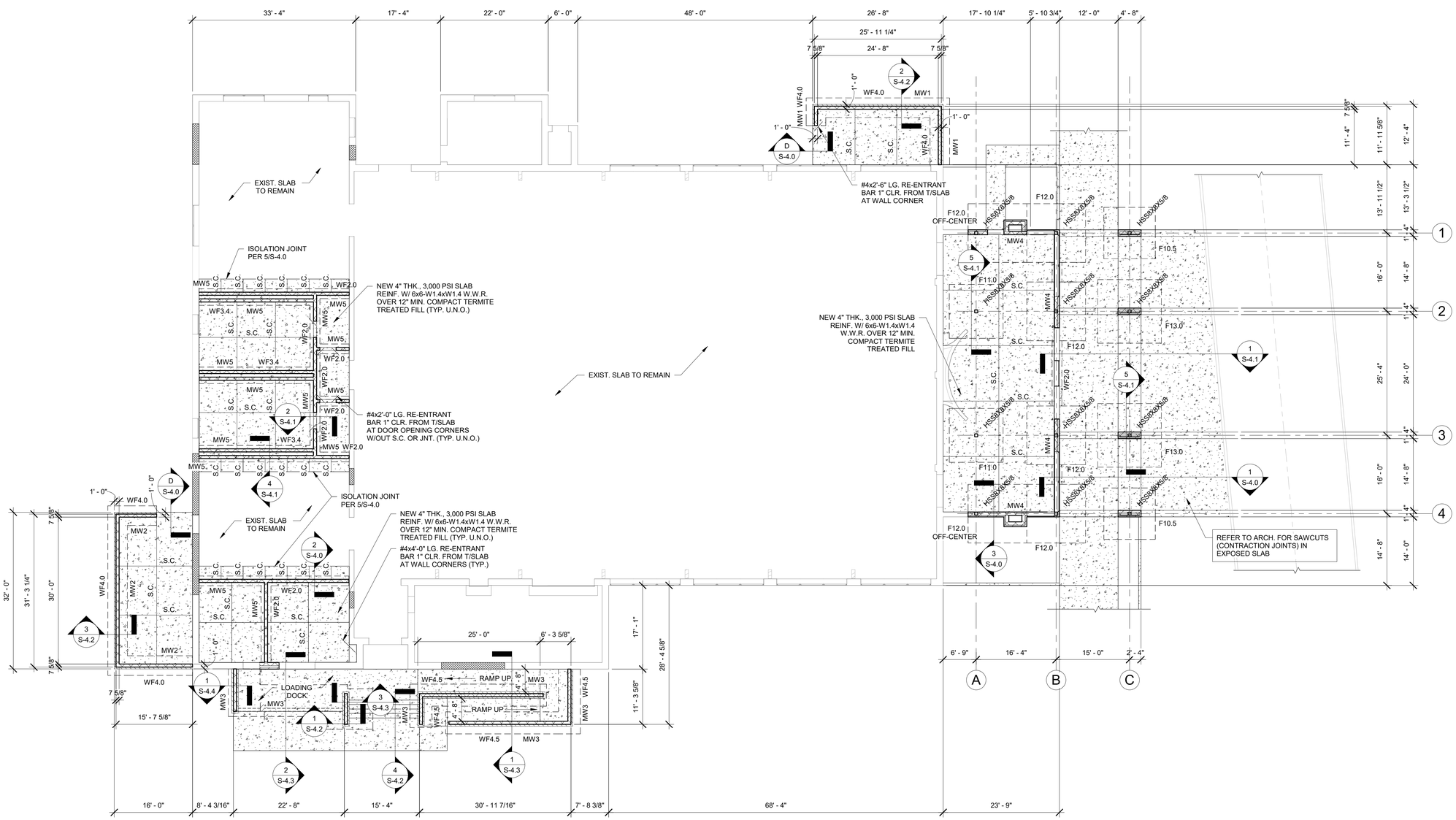
SHEET TITLE: WIND LOAD DIAGRAMS AND PRESSURES

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FL
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

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CHECKED BY: KMH

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S-1.0

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FOUNDATION PLAN

SCALE: 3/32" = 1'-0"

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SHEET TITLE: FOUNDATION PLAN

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FOR:
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MARIANNA, FLORIDA

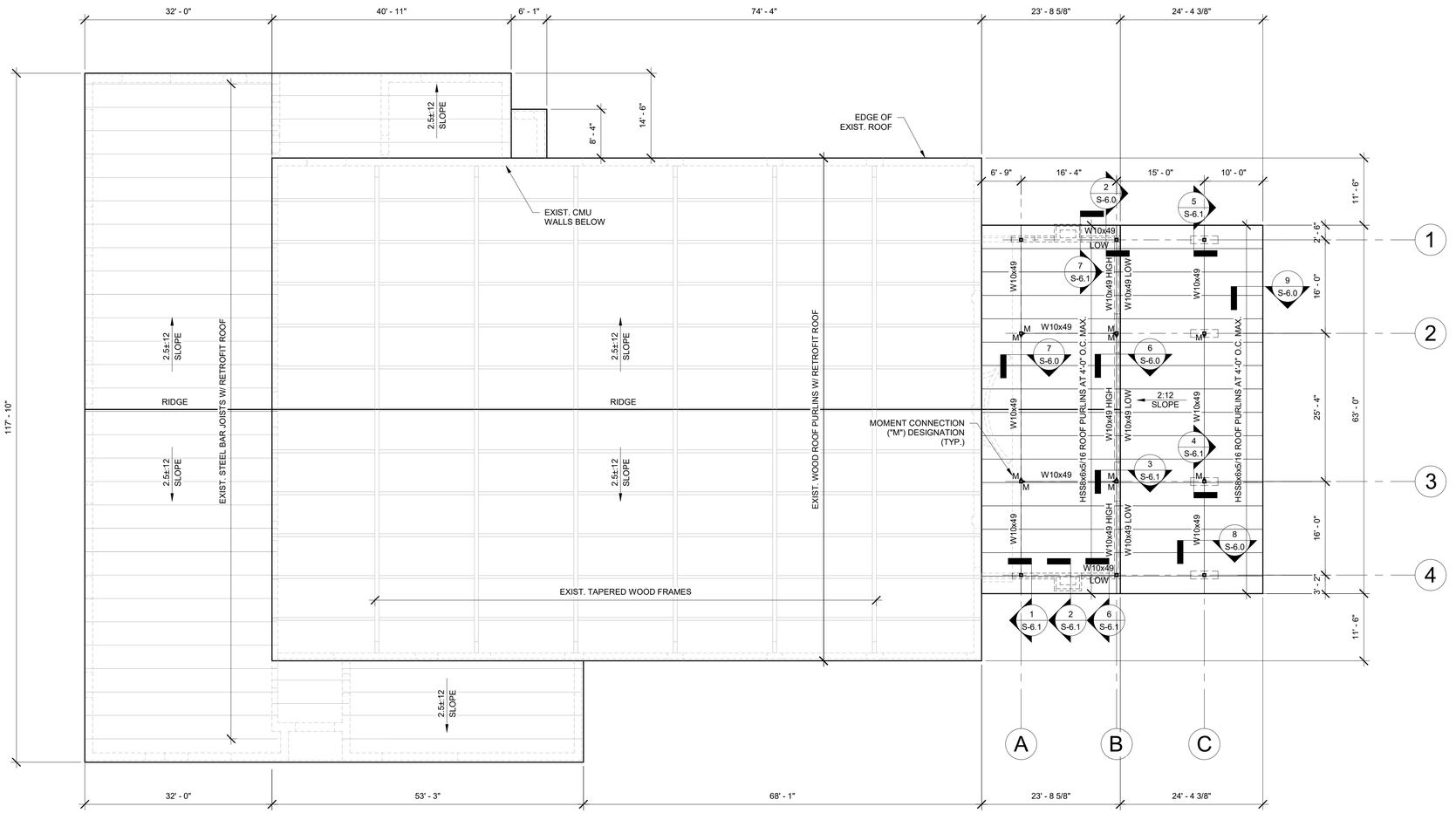
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SHEET No.

S-2.0

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FRAMING PLAN

SCALE: 3/32" = 1'-0"

KIMBERLY M. HOLLOWAY, P.E.

FLORIDA REG. NO. 69166

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SHEET TITLE: FRAMING PLAN

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FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

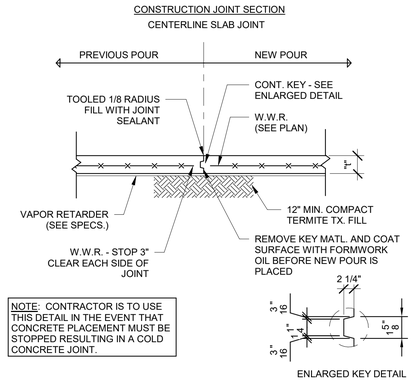
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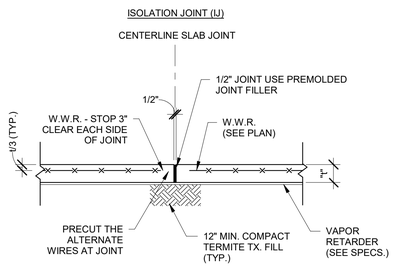
S-3.0

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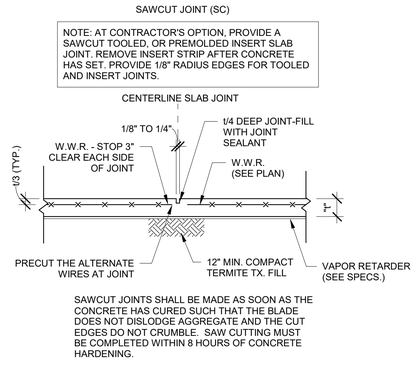
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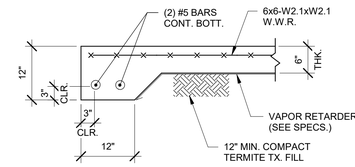
A S-4.0 CONTROL JOINT (CJ)
SCALE: 3/4" = 1'-0"



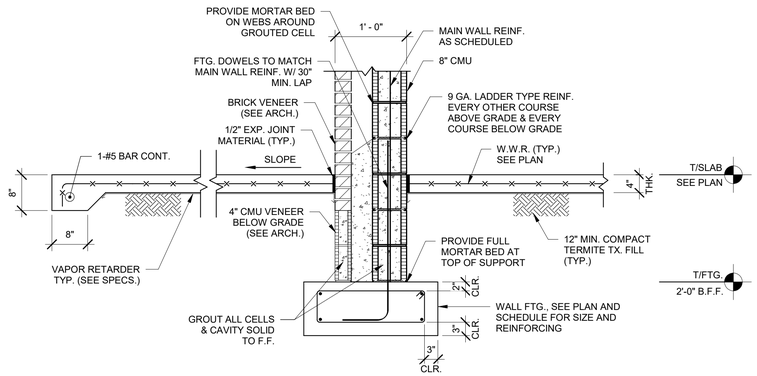
B S-4.0 ISOLATION JOINT (IJ)
SCALE: 3/4" = 1'-0"



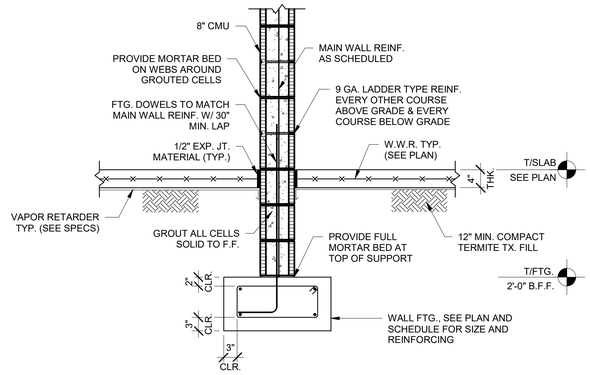
C S-4.0 SAWCUT JOINT (SC)
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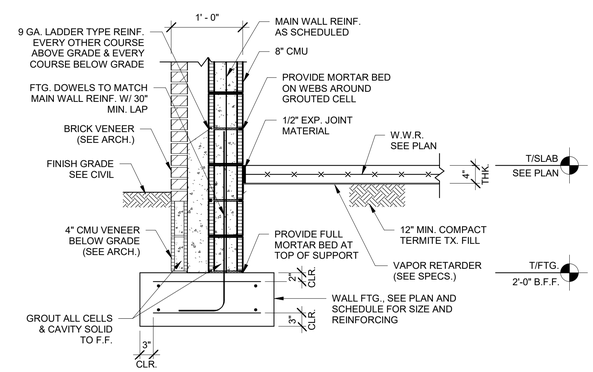
D S-4.0 SLAB EDGE DETAIL
SCALE: 3/4" = 1'-0"



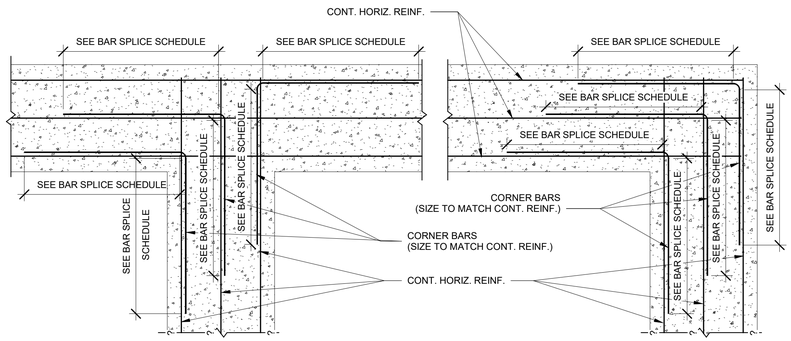
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2 S-4.0 SECTION
SCALE: 3/4" = 1'-0"

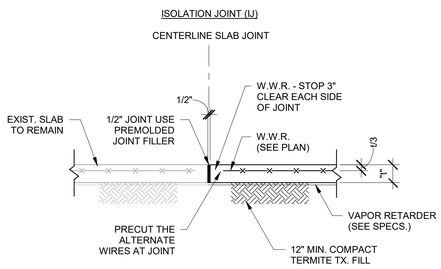


3 S-4.0 SECTION
SCALE: 3/4" = 1'-0"



FOOTING REINFORCEMENT AT CORNERS AND INTERSECTIONS

4 S-4.0 SECTION
SCALE: 3/4" = 1'-0"



5 S-4.0 ISOLATION JOINT (IJ)
SCALE: 3/4" = 1'-0"

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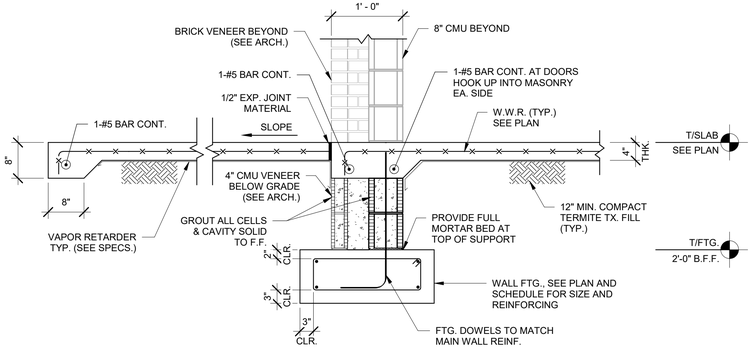
SHEET TITLE: FOUNDATION SECTIONS

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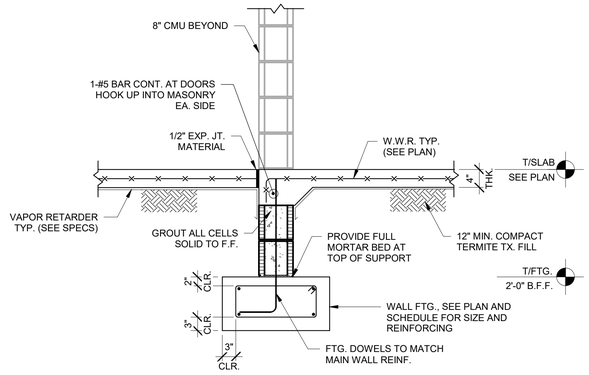
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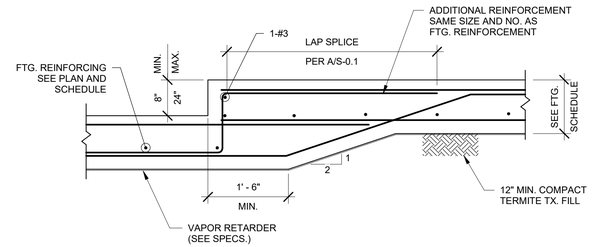
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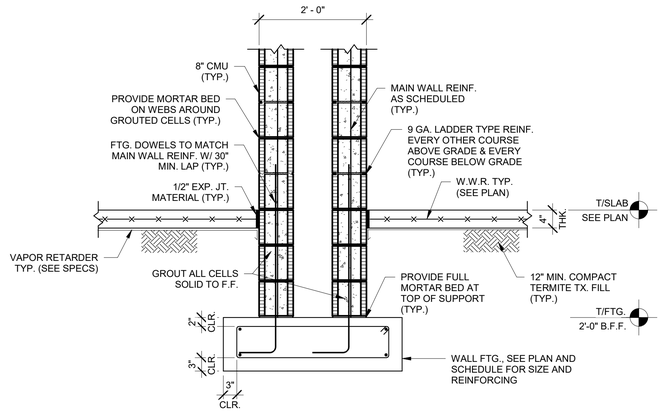
2 S-4.1 **SECTION**

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



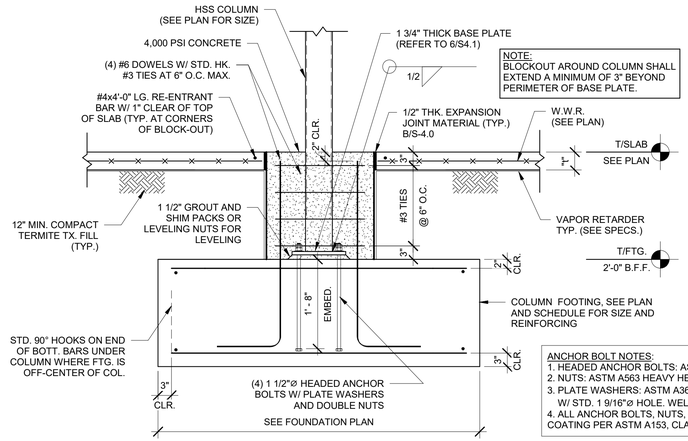
3 S-4.1 **STEP FOOTING DETAIL**

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



4 S-4.1 **SECTION**

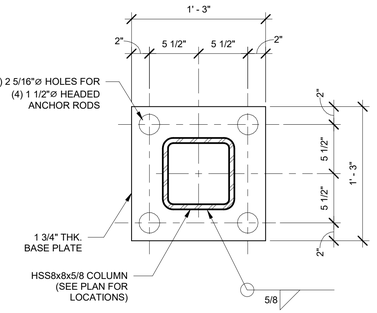
SCALE: 3/4" = 1'-0"



5 S-4.1 **SECTION**

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

ANCHOR BOLT NOTES:
1. HEADED ANCHOR BOLTS: ASTM F1554 HEAVY HEX, GRADE 36, STRAIGHT
2. NUTS: ASTM A563 HEAVY HEX CARBON STEEL
3. PLATE WASHERS: ASTM A36 CARBON STEEL, 3 1/2"ø x 1/2" THK. CIRCULAR W/ STD. 1 9/16"ø HOLE. WELD PLATE WASHERS TO TOP OF BASE PLATE.
4. ALL ANCHOR BOLTS, NUTS, AND WASHERS SHALL HAVE HOT-DIP ZINC COATING PER ASTM A153, CLASS C, OR ASTM F2329.



6 S-4.1 **COLUMN BASE PLATE**

SCALE: 1 1/2" = 1'-0"

KIMBERLY M. HOLLOWAY, P.E.

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SHEET TITLE: FOUNDATION SECTIONS

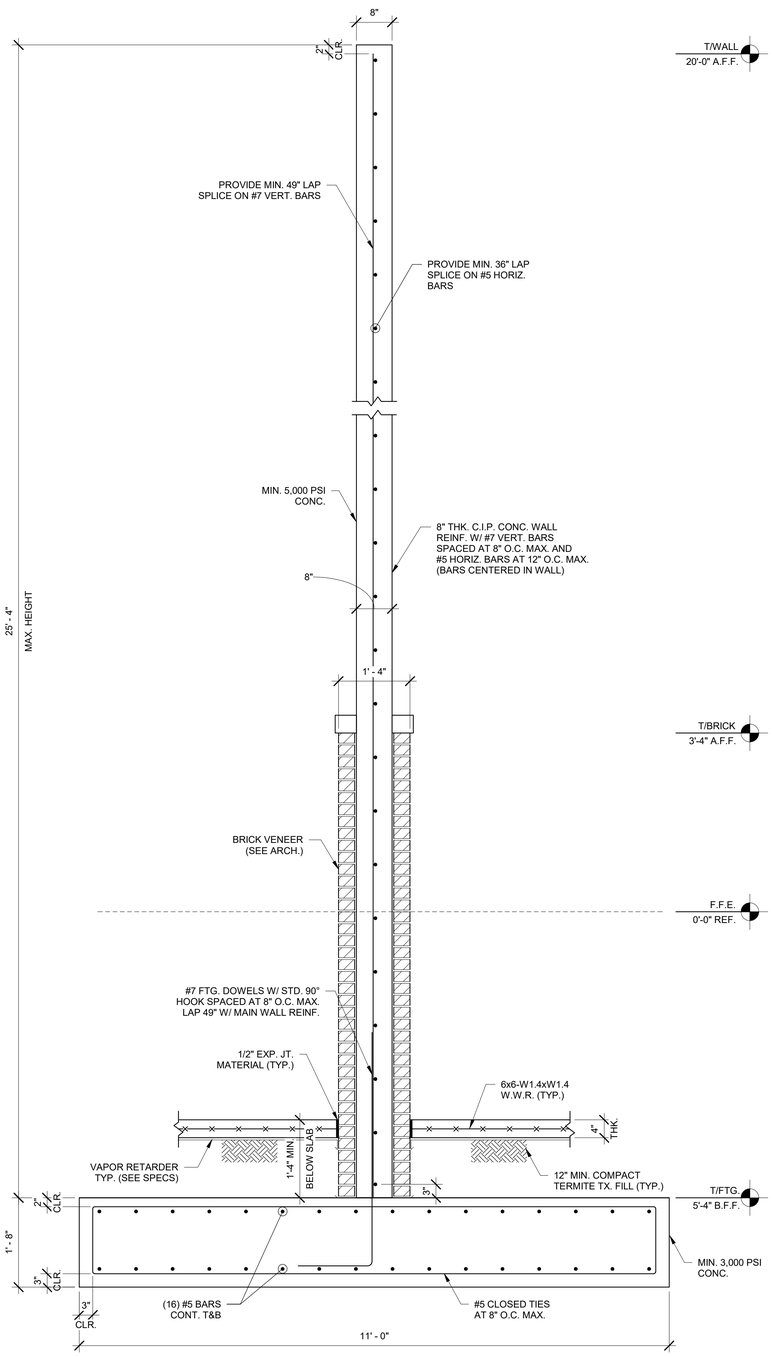
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ENDEAVOR CONVENTION CENTER
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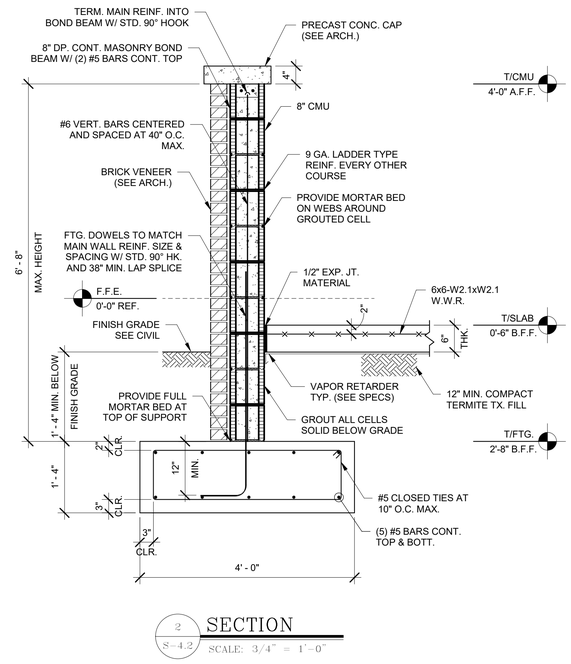
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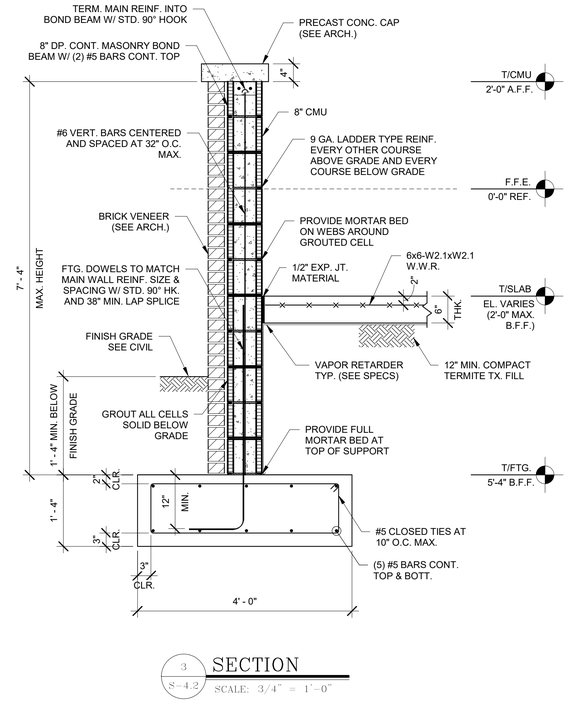
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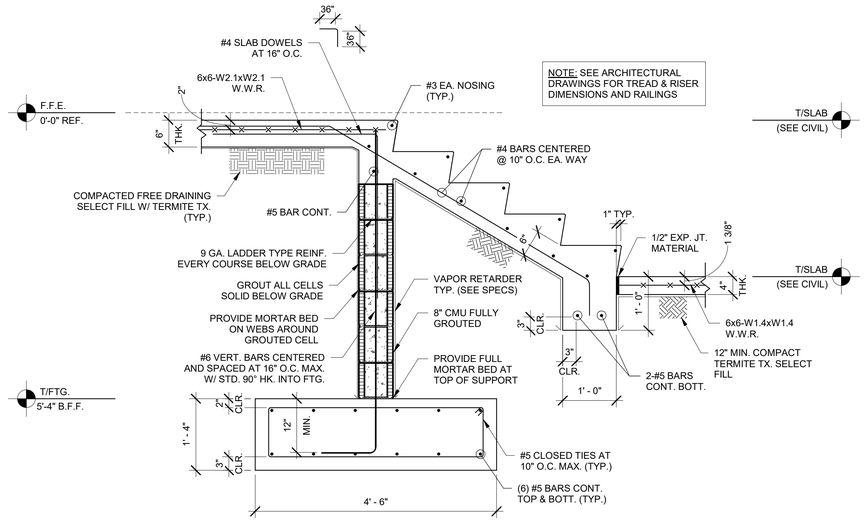
1 SECTION
S-4.2 SCALE: 3/4" = 1'-0"



2 SECTION
S-4.2 SCALE: 3/4" = 1'-0"



3 SECTION
S-4.2 SCALE: 3/4" = 1'-0"



4 SECTION
S-4.2 SCALE: 3/4" = 1'-0"

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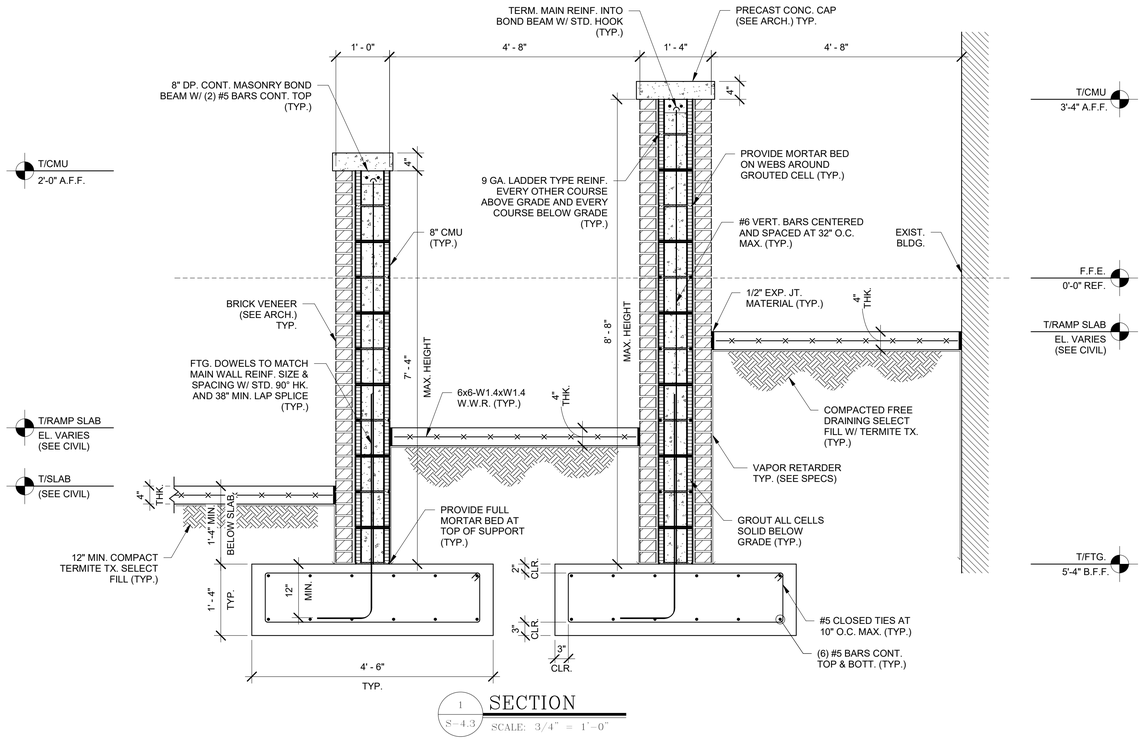
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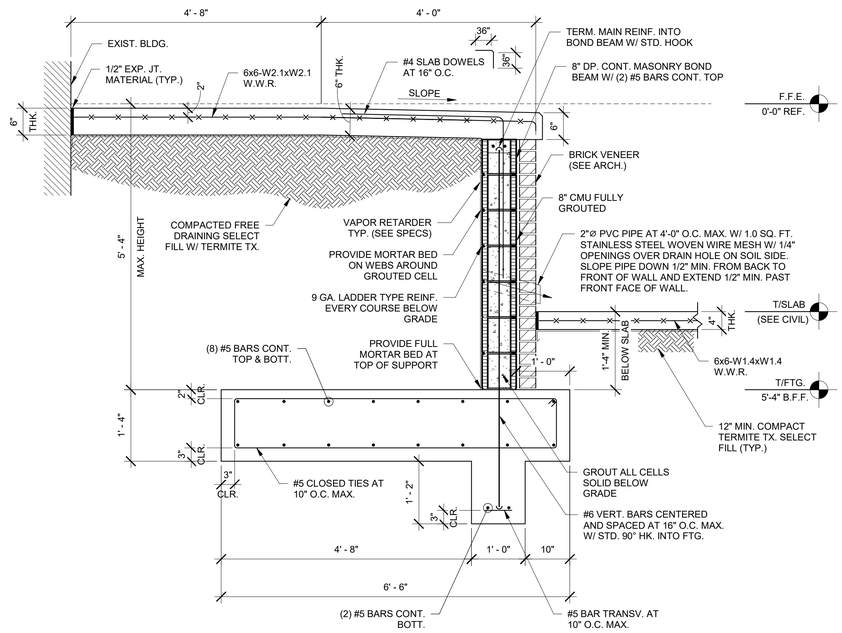
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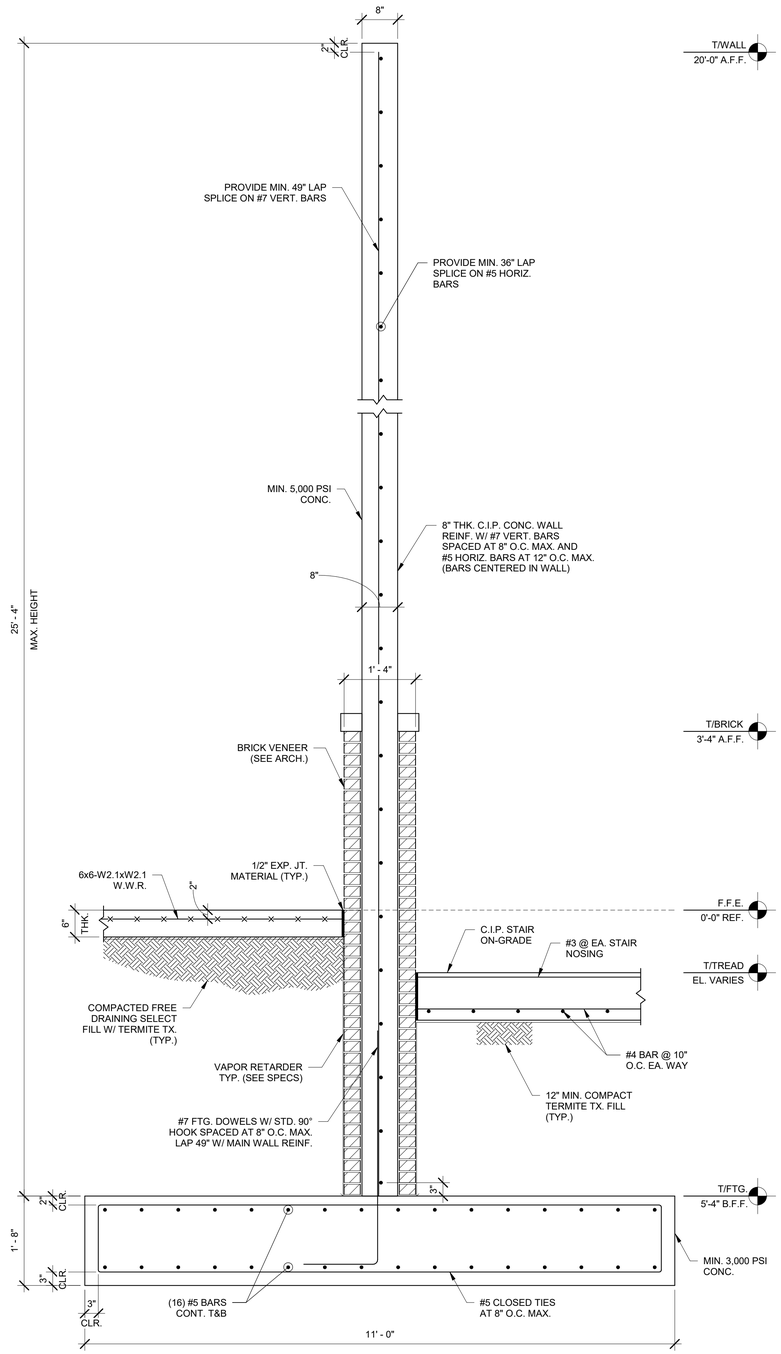
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1 SECTION
S-4.3 SCALE: 3/4" = 1'-0"



2 SECTION
S-4.3 SCALE: 3/4" = 1'-0"



3 SECTION
S-4.3 SCALE: 3/4" = 1'-0"

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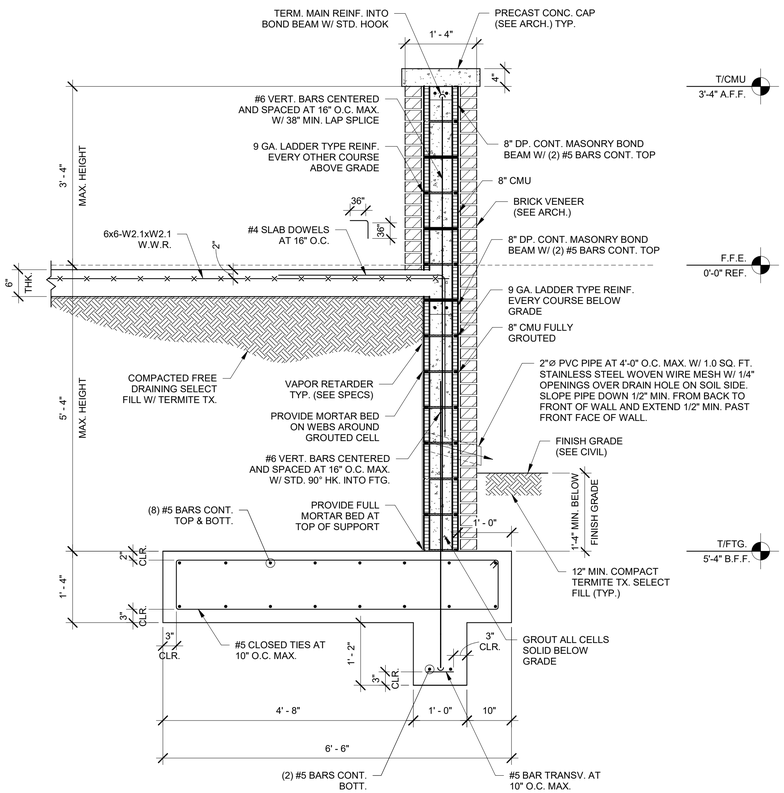
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1 S-4.4 SECTION

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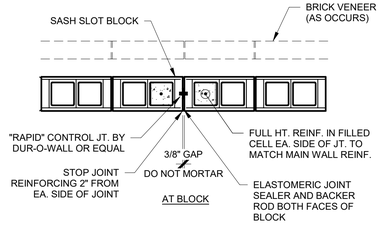
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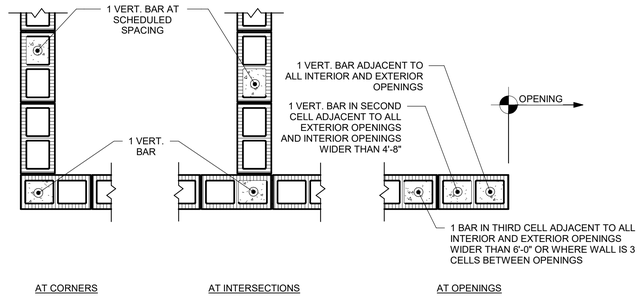
SHEET No.
S-4.4

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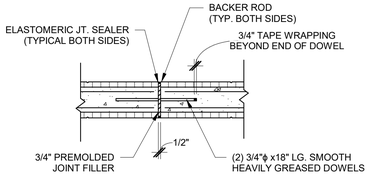
NOTES:
1. DO NOT EXTEND CONTROL JOINTS THROUGH BOND BEAMS OR TIE BEAMS.
2. REFER TO NOTE ON SHEET S-0.0 FOR SPACING GUIDELINES.



1 S-5.0 MASONRY CONTROL JOINT
SCALE: 3/4" = 1'-0"



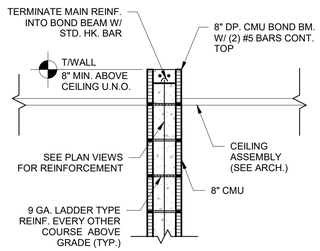
2 S-5.0 MASONRY WALL REINFORCING
SCALE: 3/4" = 1'-0"



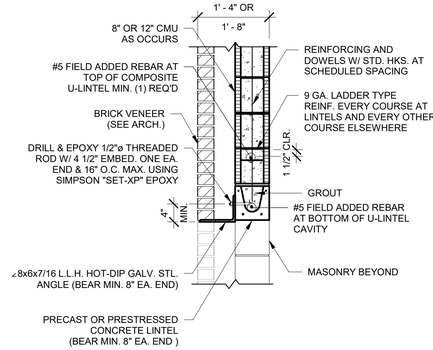
3 S-5.0 BOND BEAM CONTROL JOINT
SCALE: 3/4" = 1'-0"

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

4 S-5.0 LAP AND BEND SCHEDULE
SCALE: 3/4" = 1'-0"

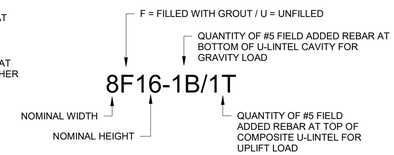


5 S-5.0 MASONRY PARTITION
SCALE: 3/4" = 1'-0"



6 S-5.0 PRECAST/PRESTRESSED LINTEL DETAIL
SCALE: 3/4" = 1'-0"

TYPE DESIGNATION

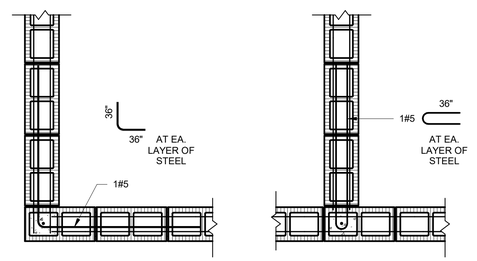


NOTES:
1. IF OPENING OCCURS WITHIN 16" OF WALL CORNER, INSTALL CORNER BARS IN ADDITION TO CONTINUOUS LINTEL REINFORCEMENT.

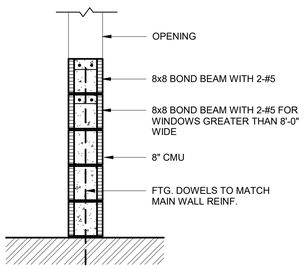
2. CONTINUOUS SPANS ARE NOT ALLOWED USING PRECAST OR PRESTRESSED LINTELS.

3. FOR EXTERIOR WALLS EXTEND REINFORCING 14" BEYOND FACE OF SUPPORT.

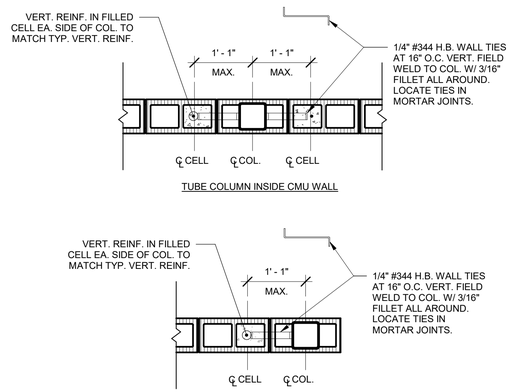
4. FOR INTERIOR WALLS EXTEND REINFORCING 6" BEYOND FACE OF SUPPORT.



7 S-5.0 BOND BEAM REINFORCING
SCALE: 3/4" = 1'-0"



8 S-5.0 SILL REINFORCEMENT
SCALE: 3/4" = 1'-0"



9 S-5.0 COLUMN IN MASONRY
SCALE: 3/4" = 1'-0"

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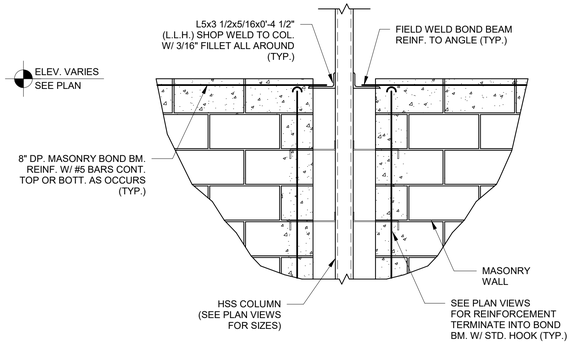
SHEET TITLE: MASONRY SECTIONS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVERNOR RICK SCOTT DR. MARIANNA, FL
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUGUST 29, 2023
DRAWN BY: KMH
CHECKED BY: KMH

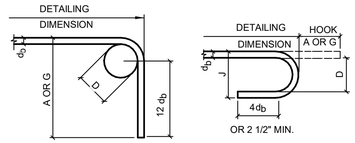
SHEET No.
S-5.0

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



TYP. ANCHORAGE OF MASONRY WALL BOND BEAM STL. TO STL. TUBE COL.

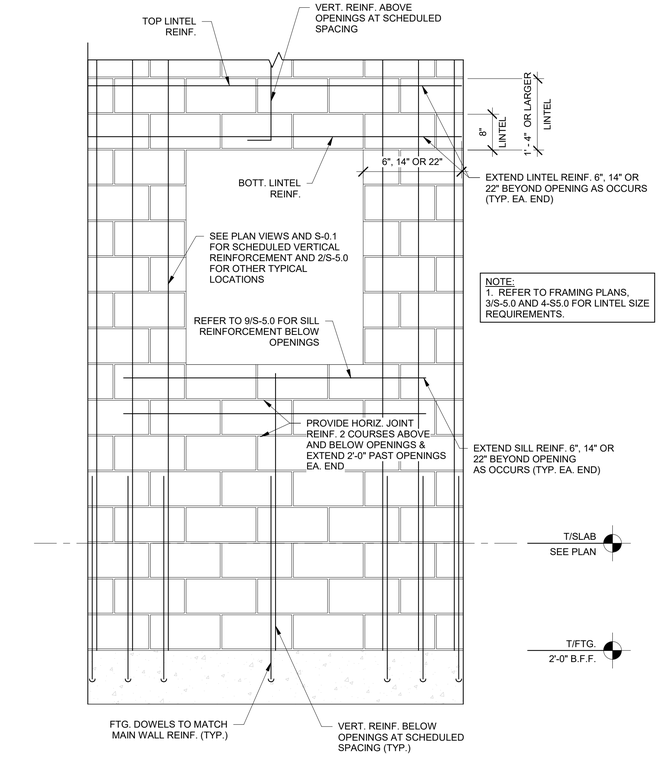
1 S-5.1 SECTION
SCALE: 3/4" = 1'-0"



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

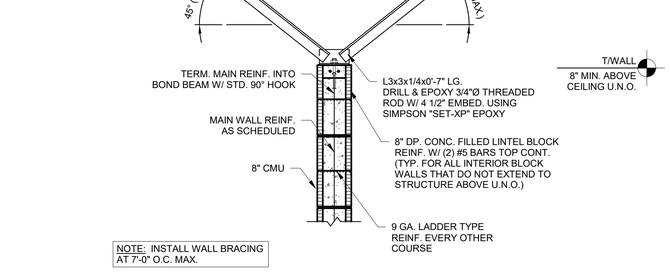
2 S-5.1 END HOOKS
SCALE: 12" = 1'-0"



NOTE:
1. REFER TO FRAMING PLANS, 3/S-5.0 AND 4-S5.0 FOR LINTEL SIZE REQUIREMENTS.

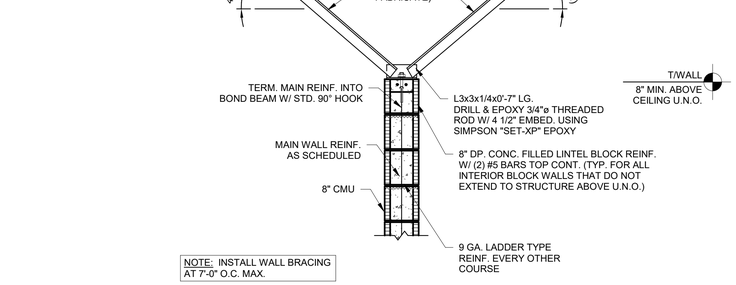
NOTE: DOOR OPENING ELEVATION IS SIMILAR. OMIT VERTICAL REINFORCING BELOW OPENING.

5 S-5.1 MASONRY WALL OPENING
SCALE: 3/4" = 1'-0"



NOTE: INSTALL WALL BRACING AT 7'-0" O.C. MAX.

3 S-5.1 SECTION
SCALE: 3/4" = 1'-0"



NOTE: INSTALL WALL BRACING AT 7'-0" O.C. MAX.

4 S-5.1 SECTION
SCALE: 3/4" = 1'-0"

KIMBERLY M. HOLLOWAY, P.E.
FLORIDA REG. NO. 69166

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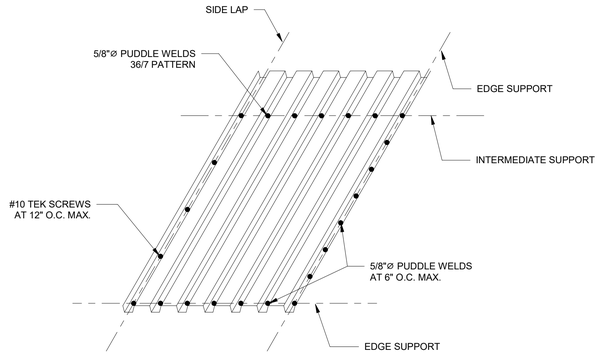
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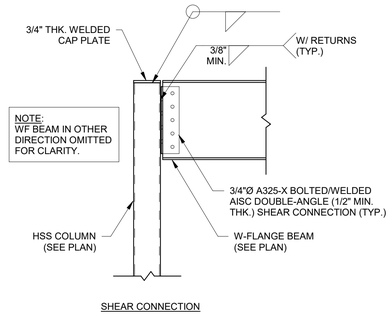
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1 S-6.0 METAL DECK ATTACHMENT TO STEEL

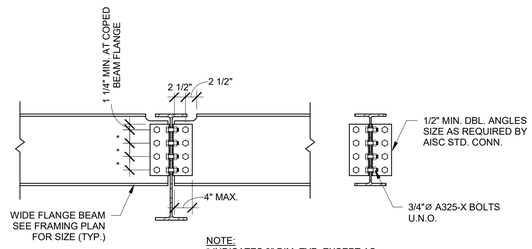
SCALE: 3/4" = 1'-0"



SHEAR CONNECTION

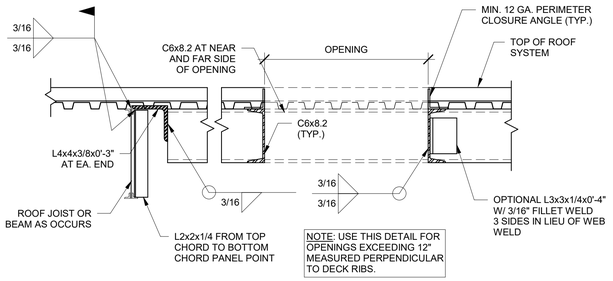
2 S-6.0 SINGLE PLATE SHEAR CONNECTION

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



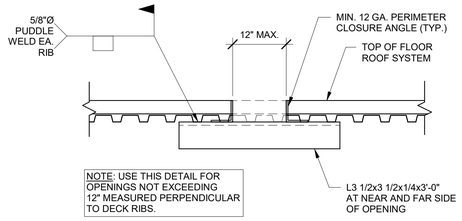
3 S-6.0 BEAM-TO-BEAM CONNECTION

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



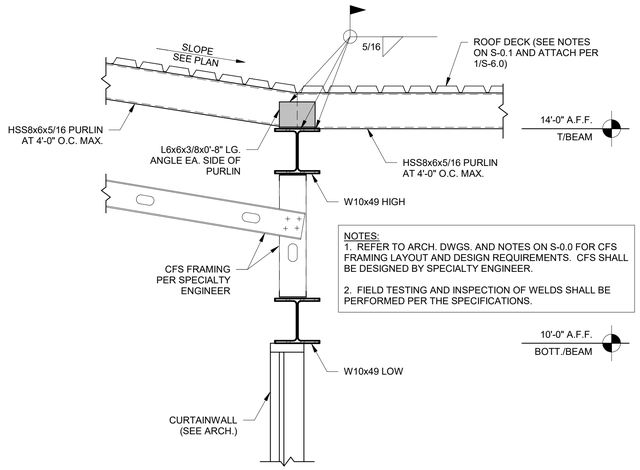
4 S-6.0 SECTION

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



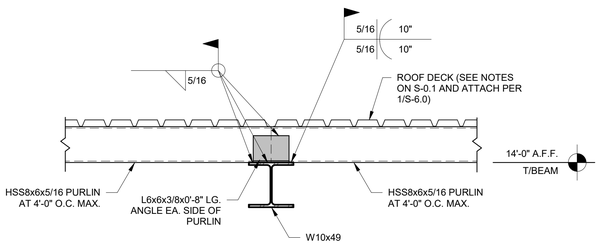
5 S-6.0 SECTION

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



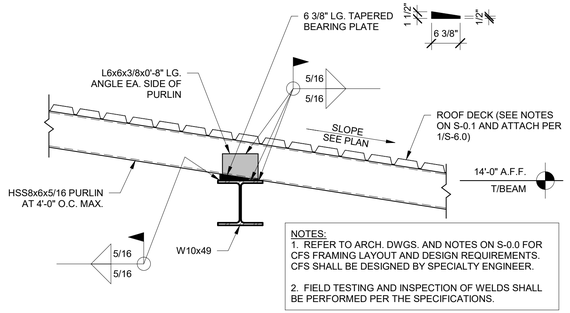
6 S-6.0 SECTION

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



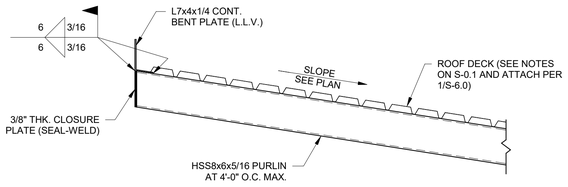
7 S-6.0 SECTION

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



8 S-6.0 SECTION

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



9 S-6.0 SECTION

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

KIMBERLY M. HOLLOWAY, P.E.

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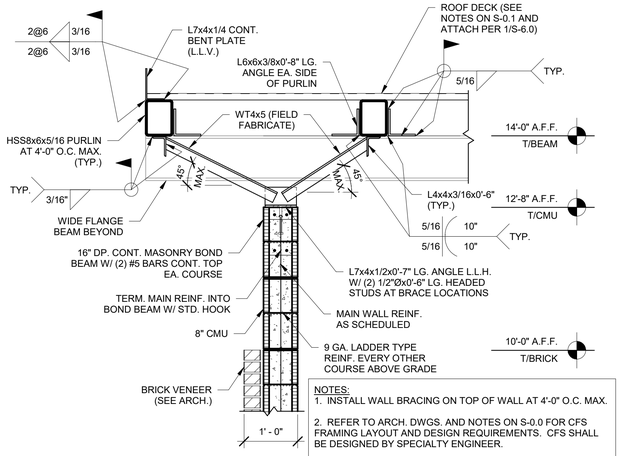
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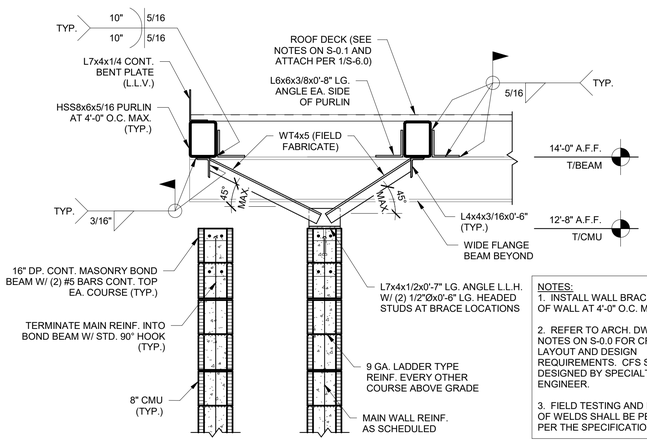


NOTES:
1. INSTALL WALL BRACING ON TOP OF WALL AT 4'-0" O.C. MAX.

2. REFER TO ARCH. DWGS. AND NOTES ON S-0.0 FOR CFS FRAMING LAYOUT AND DESIGN REQUIREMENTS. CFS SHALL BE DESIGNED BY SPECIALTY ENGINEER.

3. FIELD TESTING AND INSPECTION OF WELDS SHALL BE PERFORMED PER THE SPECIFICATIONS.

1 S-6.1 SECTION
SCALE: 3/4" = 1'-0"

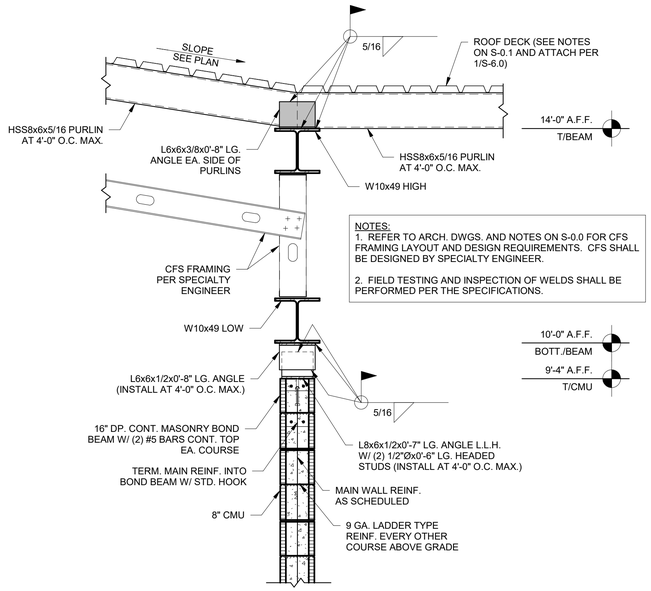


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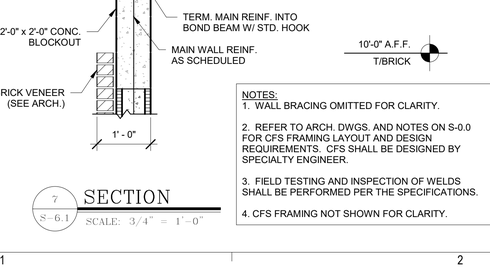
2 S-6.1 SECTION
SCALE: 3/4" = 1'-0"



NOTES:
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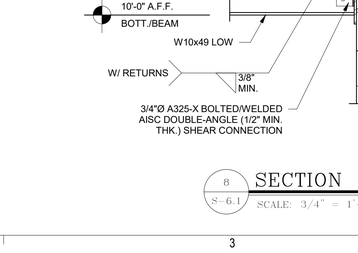
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3 S-6.1 SECTION
SCALE: 3/4" = 1'-0"



MOMENT CONNECTION SHEAR CONNECTION

4 S-6.1 SECTION
SCALE: 3/4" = 1'-0"



TYP. STEEL BEAM BEARING ON STEEL TUBE COLUMN

5 S-6.1 SECTION
SCALE: 3/4" = 1'-0"

NOTES:
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6 S-6.1 SECTION
SCALE: 3/4" = 1'-0"

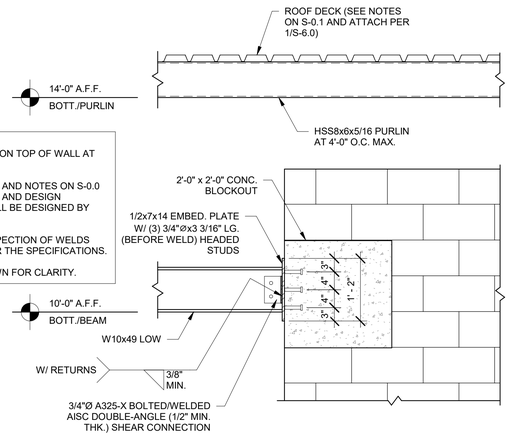
NOTES:
1. WALL BRACING OMITTED FOR CLARITY.

2. REFER TO ARCH. DWGS. AND NOTES ON S-0.0 FOR CFS FRAMING LAYOUT AND DESIGN REQUIREMENTS. CFS SHALL BE DESIGNED BY SPECIALTY ENGINEER.

3. FIELD TESTING AND INSPECTION OF WELDS SHALL BE PERFORMED PER THE SPECIFICATIONS.

4. CFS FRAMING NOT SHOWN FOR CLARITY.

7 S-6.1 SECTION
SCALE: 3/4" = 1'-0"



NOTES:
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2. REFER TO ARCH. DWGS. AND NOTES ON S-0.0 FOR CFS FRAMING LAYOUT AND DESIGN REQUIREMENTS. CFS SHALL BE DESIGNED BY SPECIALTY ENGINEER.

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4. CFS FRAMING NOT SHOWN FOR CLARITY.

8 S-6.1 SECTION
SCALE: 3/4" = 1'-0"

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LEGEND

	S OR W	SOIL OR WASTE PIPING
	SW	STORM WATER PIPING
	V	VENT PIPING
	CW	COLD WATER SUPPLY PIPING
	HW	HOT WATER SUPPLY PIPING
	HWR	HOT WATER RETURN PIPING
GAS GAS	G	GAS PIPING
	GV	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
1		SHEET NOTE
		POINT OF CONNECTION TO EXISTING
	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
	KW	KILOWATT
	TVC	TEMPERATURE CONTROL VALVE
	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
	UR	URINAL
	SS	SERVICE SINK

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	PIPE SIZES-INCHES		
		CW	HW	W
WC-1	WATER CLOSET (STANDARD, MANUAL)	1	"	3
WC-2	WATER CLOSET (HANDICAP, MANUAL)	1	"	3
UR-1	URINAL (STANDARD, MANUAL)	3/4	"	2
UR-2	URINAL (HANDICAP, MANUAL)	3/4	"	2
L-1	LAVATORY (20X17)	3/8	3/8	1-1/4
L-2	LAVATORY (HANDICAP, 20X17)	3/8	3/8	1-1/4
L-3	LAVATORY (HANDICAP, 20X18)	3/8	3/8	1-1/4
SK-1	HAND SINK (SINGLE, 20"x18")	3/8	3/8	1-1/2
SK-2	SINK (DOUBLE, 33"x22"x10")	3/8	3/8	1-1/2
SK-3	SINK (TRIPLE 63"x30"x45")	3/8	3/8	1-1/2
SS-1	SERVICE SINK (24"x20")	3/8	3/8	3
UB-1	RECESSED UTILITY WALL BOX (REFRIGERATOR SPACE)	3/8	"	"
EWC-1	ELECTRIC WATER COOLER (DUAL LEVEL, BOTTLE FILLER)	3/8	"	1-1/2
EWH-1	ELECTRIC WATER HEATER	1-1/4 INLET	1-1/4 OUTLET	"
EWH-2	ELECTRIC WATER HEATER	1-1/4 INLET	1-1/4 OUTLET	"
CP- 1	CIRCULATOR PUMP(INLINE)	"	3/4 FLANGE	"
TCV-1	TEMPERATURE CONTROL VALVE	"	1/2	"
FS-1	FLOOR SINK (12"x12"x8")	"	"	3
RD	ROOF DRAIN	"	"	6
FD	FLOOR DRAIN	1/2	"	3
HB	HOSE BIBB	3/4	"	"
WH	RECESSED WALL HYDRANT	3/4	"	"
TP-1	TRAP PRIMER - ELECTRONIC MANIFOLD	1/2	"	"

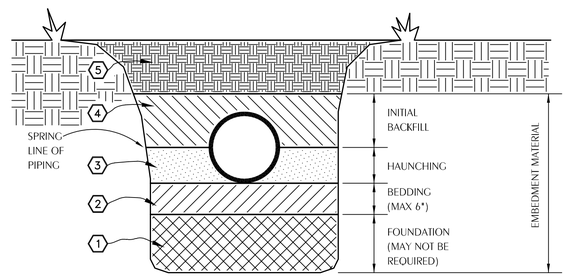
1. WATER SUPPLY TAPPING TO EACH PLUMBING FIXTURE SHALL BE FULL SIZE (MINIMUM).
2. SEE ELECTRICAL DWGS FOR FINAL POWER REQUIREMENTS.
3. PROVIDE WATER HAMMER ARRESTERS ON HOT & COLD WATER SUPPLY BRANCHES SERVING SINGULAR, MULTIPLE OR GROUPS OF PLUMBING FIXTURES. ADHERENCE TO THE PLUMBING AND DRAINAGE INSTITUTE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

GENERAL NOTES

1. COORDINATE ALL PIPING WITH DUCTWORK SHOP DRAWINGS AND EXISTING CONDITIONS. ROUTE PIPING AS REQUIRED TO AVOID CONFLICTS.
2. PRIOR TO START OF ANY WORK, COORDINATE SANITARY SEWER AND POTABLE WATER PIPING WITH CIVIL DRAWINGS.
3. FIELD VERIFY PIPE INVERTS PRIOR TO LAYING OUT SANITARY SEWER PIPING.
4. ALL PIPING PASSING THROUGH ANY WALL SHALL HAVE A SLEEVE PER SPECIFICATIONS.
5. 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.
6. ALL PIPING INDICATED IS ABOVE THE CEILING EXCEPT THE OBVIOUS SANITARY SOIL, WASTE, VENT AND POTABLE WATER PIPING BELOW FLOOR OR GRADE.
7. SEE TOILET ROOM ELEVATIONS ON ARCHITECTURAL DRAWINGS FOR PLUMBING FIXTURE MOUNTING HEIGHT.
8. COORDINATE EXACT LOCATION OF ALL EXTERIOR WALL HYDRANTS WITH ARCHITECTURAL DRAWINGS.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. ALL WORK SHALL COMPLY WITH THE 2020 FLORIDA BUILDING CODE (7TH EDITION).

1. A FOUNDATION MAY BE REQUIRED IN VERY POOR SOIL CONDITIONS.
2. 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.
3. 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.
4. 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.
5. 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 2020 FLORIDA PLUMBING CODE.



EMBEDMENT MATERIALS

CLASS I: ANGUALAR, 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 GW, 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.

1 P-0.1 EXCAVATION AND BACKFILL DETAIL
SCALE: NONE

REVIEW DOCUMENTS
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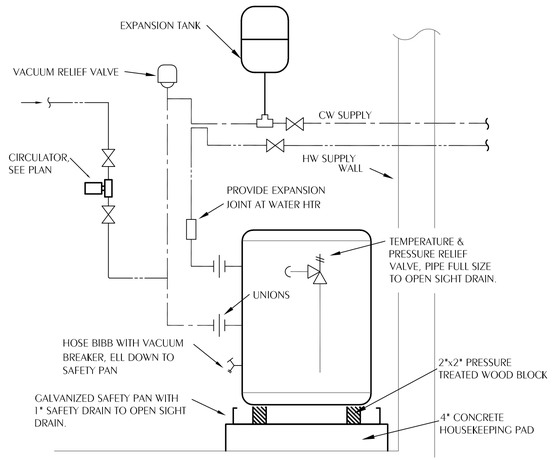
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2910 CALEDONIA ST. P.O. BOX 861
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SHEET | PLUMBING LEGENDS, SCHEDULES, TITLE: | DETAILS, AND NOTES

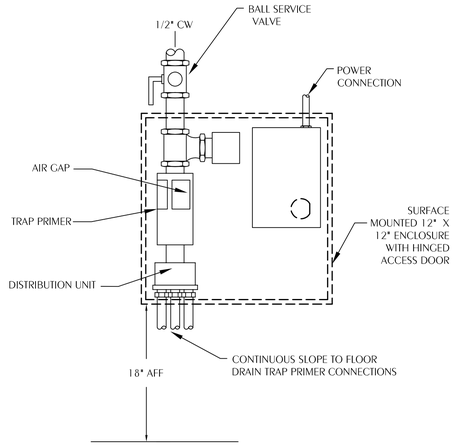
ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG. 11, 2023
DRAWN BY: TLC
CHECKED BY: K/AJ

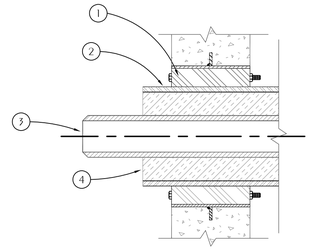
SHEET No.
P-0.1



1 EWH DETAIL
P-0.2 SCALE: NONE

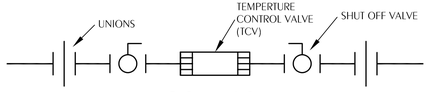


2 TRAP PRIMER DETAIL
P-0.2 SCALE: NONE

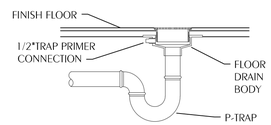


1. WALL SEAL APPURTENANCES PER SPECIFICATIONS
2. PIPE SLEEVE PER SPECIFICATIONS
3. PIPING
4. INSULATION

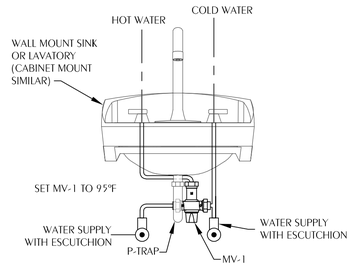
3 TYPICAL PIPE PENETRATION OF WALL
P-0.2 SCALE: NONE



4 THERMOSTATIC TEMPERATURE CONTROL VALVE DETAIL
P-0.2 SCALE: NONE

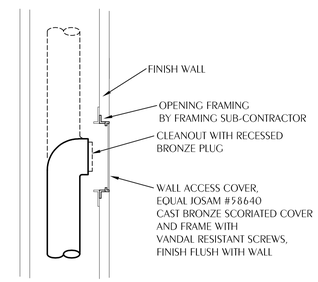


5 FLOOR DRAIN WITH TRAP PRIMER DETAIL
P-0.2 SCALE: NONE

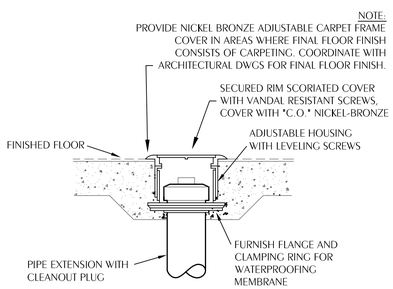


6 LAV/SINK MIXING VALVE DETAIL
P-0.2 SCALE: NONE

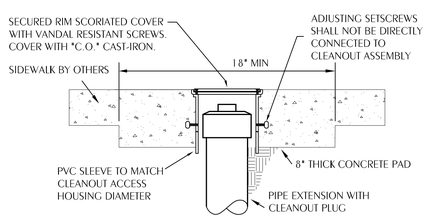
NOTE: MIXING VALVE WILL BE TYPICAL FOR L-1, L-2, SK-1, SK-2, & SK-3



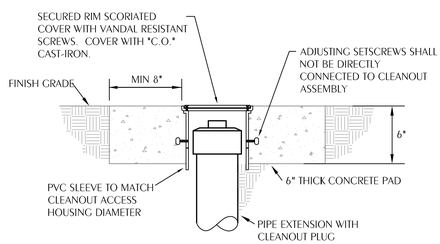
7 CLEANOUT TO WALL
P-0.2 SCALE: NONE



8 CLEANOUT TO FLOOR
P-0.2 SCALE: NONE



9 CLEANOUT TO SIDEWALK
P-0.2 SCALE: NONE



10 CLEANOUT TO GRADE
P-0.2 SCALE: NONE

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SHEET TITLE: PLUMBING DETAILS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
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MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG. 11, 2023
DRAWN BY: TLC
CHECKED BY: KAJ

SHEET No.
P-0.2

PLUMBING SPECIFICATIONS

WC-1 WATER CLOSET, FLOOR-MOUNT (STANDARD, MANUAL VALVE):

VITREOUS CHINA, 1.28 GALLONS PER FLUSH, ELONGATED, HIGH EFFICIENCY SIPHON JET, WHITE, WATER SAVER BOWL WITH 1-1/2" TOP SPUD. 15" HIGH FOR HANDICAPPED CHILDREN AGES 5 THROUGH 8. EXPOSED CHROME PLATE FLUSH VALVE, WITH SCREWDRIVER STOP, VACUUM BREAKER, QUIET FLUSH FEATURE, WITH SWEAT SOLDER KIT AND CAST WALL FLANGE. HEAVY MOLDED PLASTIC, WHITE, ELONGATED, OPEN FRONT SEAT LESS COVER, WITH STAINLESS STEEL, SELF-SUSTAINING CHECK HINGES.

WATER CLOSET	ZURN Z5655-BWL
VALVE	ZURN Z6000PL-HET
SEAT	ZURN Z5955SS-EL
CLOSET BOLT/WAX RING KIT	ZURN Z5972-COMB

WC-2 WATER CLOSET, FLOOR-MOUNT (ADULT HANDICAP, MANUAL VALVE):

VITREOUS CHINA, 1.28 GALLONS PER FLUSH, ELONGATED, HIGH EFFICIENCY SIPHON JET, WHITE, WATER SAVER BOWL WITH 1-1/2" TOP SPUD. 17" HIGH FOR HANDICAPPED. EXPOSED CHROME PLATE FLUSH VALVE, WITH SCREWDRIVER STOP, VACUUM BREAKER, QUIET FLUSH FEATURE, WITH SWEAT SOLDER KIT AND CAST WALL FLANGE. HEAVY MOLDED PLASTIC, WHITE, ELONGATED, OPEN FRONT SEAT LESS COVER, WITH STAINLESS STEEL, SELF-SUSTAINING CHECK HINGES. HOLD CENTERLINE FLUSH VALVE ASSEMBLY OFF FINISH WALL FOR GRAB BAR CLEARANCES, COORDINATE WITH ARCHITECTURAL DRAWINGS.

WATER CLOSET	ZURN Z5665BWL
VALVE	ZURN Z6000PL-HET
SEAT	ZURN Z5955SS-EL
CLOSET BOLT/WAX RING KIT	Z5972-COMB

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-S-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

UR-2 URINAL, WALL-MOUNT (STANDARD, 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. SEE ARCHITECTURAL DRAWINGS (TOILET ROOM ELEVATIONS) FOR 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-S-325.

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

L-1 LAVATORY, COUNTERTOP:

VITREOUS CHINA 20" X 17", OVAL, COLOR "WHITE", 3 FAUCET HOLES ON 8" CENTER, FRONT OVERFLOW. PROVIDE CHROME PLATED 1/2" IPS X 3/8"OD, 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 WATER FAUCET WITH WRIST BLADE HANDLES, WITH 0.5 GPM PRESSURE COMPENSATING SPRAY OUTLET. UNDER SINK MIXING VALVE MV-1.

LAVATORY	ZURN Z5111
FAUCET	ZURN Z-8331R4-XL-3M
SUPPLY W/STOP	ZURN 8802LRLK-PC
P-TRAP	ZURN Z8700-PC
DRAIN	ZURN Z8745
AERATOR	ZURN -3M
MIXING VALVE	MV-1

L-2 LAVATORY, COUNTERTOP (HANDICAP):

VITREOUS CHINA 20" X 17", OVAL, COLOR "WHITE", 3 FAUCET HOLES ON 8" CENTER, FRONT OVERFLOW. PROVIDE CHROME PLATED ANGLE STOP TO WALL WITH CHROME PLATED 1/2" IPS X 3/8" OD FLEXIBLE COPPER SUPPLY RISERS AND LOOSE KEY OPERATOR, INTEGRAL PERFORATED CAST BRASS STRAINER WITH 1-1/4" OFFSET TAILPIECE, CHROME PLATED CAST BRASS BODY WATER SAVER TRAP PRIMER P-TRAP WITH CLEANOUT AND 1-1/2" TUBE WASTE TO WALL, AND 1/14" REDUCING WASHER FOR TAILPIECE HOOKUP, AND 1/2" PRIMER HOSE CONNECTION. POLISHED CHROME PLATED CAST BRASS WATER FAUCET WITH WRIST BLADE HANDLES, WITH 0.5 GPM PRESSURE COMPENSATING SPRAY OUTLET. UNDER SINK MIXING VALVE MV-1. LAVATORY P-TRAP AND SINGLE VALVE ASSEMBLIES SHALL BE INSULATED WITH FULLY MOLDED INSULATION KIT, LIGHT GRAY COLOR WITH 3-PIECE INTERLOCKING TRAP ASSEMBLY AND 2-PIECE INTERLOCKING ANGLE VALVE ASSEMBLY. FASTENERS SHALL BE NYLON-TYPE SUPPLIED WITH KIT. 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.

LAVATORY	ZURN Z5111
FAUCET	ZURN Z-8331R4-XL-3M
SUPPLY W/STOP	ZURN 8802LRLK-PC
P-TRAP	ZURN Z1021
DRAIN	ZURN Z8746
INSULATION KIT	ZURN Z8946-3-NT
AERATOR	ZURN -3M
MIXING VALVE	MV-1

L-3 LAVATORY, WALL-MOUNT (STANDARD):

VITREOUS CHINA 20" X 18", COLOR "WHITE", 3 FAUCET HOLES ON 8" CENTER, FRONT OVERFLOW, FOR CONCEALED ARM SUPPORT. FURNISH FLOOR-MOUNTED SINGLE CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, 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-S-325. PROVIDE CHROME PLATED ANGLE STOP TO WALL WITH CHROME PLATED 1/2" IPS X 3/8" OD FLEXIBLE COPPER SUPPLY RISERS AND LOOSE KEY OPERATOR, INTEGRAL PERFORATED CAST BRASS STRAINER WITH 1-1/4" OFFSET TAILPIECE, CHROME PLATED CAST BRASS BODY WATER SAVER TRAP PRIMER P-TRAP WITH CLEANOUT AND 1-1/2" TUBE WASTE TO WALL, AND 1/14" REDUCING WASHER FOR TAILPIECE HOOKUP, AND 1/2" PRIMER HOSE CONNECTION. POLISHED CHROME PLATED CAST BRASS WATER FAUCET WITH WRIST BLADE HANDLES, WITH 0.5 GPM PRESSURE COMPENSATING SPRAY OUTLET. LAVATORY P-TRAP AND ANGLE VALVE ASSEMBLIES SHALL BE INSULATED WITH FULLY MOLDED INSULATION KIT, AND LIGHT GRAY COLOR WITH 3-PIECE INTERLOCKING TRAP ASSEMBLY AND 2-PIECE INTERLOCKING ANGLE VALVE ASSEMBLY. FASTENERS SHALL BE NYLON-TYPE SUPPLIED WITH KIT. 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 MIXING VALVE MV-1.

LAVATORY	ZURN Z5348
FAUCET	ZURN Z-8711B1-3F
SUPPLY W/STOP	ZURN Z-8802LRLK-PC
P-TRAP	ZURN Z8700-PC
STRAINER/TAILPIECE	ZURN Z-8746
INSULATION KIT	ZURN Z8946-3-NT
AERATOR	ZURN -3M
CARRIER	ZURN Z-1231
BASE ANCHORAGE	B-LINE ANCHORS AWA-50-375
MIXING VALVE	MV-1

SK-1 HAND WASH SINK (WALL MOUNT):

VITREOUS CHINA 20" X 18", COLOR "WHITE", 3 FAUCET HOLES ON 8" CENTER, FRONT OVERFLOW, FOR CONCEALED ARM SUPPORT. FURNISH FLOOR-MOUNTED SINGLE CARRIER WITH CONCEALED ARMS, LEVELING AND SECURING SCREWS, 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-S-325. PROVIDE CHROME PLATED ANGLE STOP TO WALL WITH CHROME PLATED 1/2" IPS X 3/8" OD FLEXIBLE COPPER SUPPLY RISERS AND LOOSE KEY OPERATOR, INTEGRAL PERFORATED CAST BRASS STRAINER WITH 1-1/4" OFFSET TAILPIECE, WITH CHROME PLATED 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT AND TUBE WASTE TO WALL. POLISHED CHROME PLATED 8"BRASS DECK FAUCET WITH SWING GOOSENECK SPOUT AND STRAIGHT LEVER HANDLES, WITH 0.5 GPM PRESSURE COMPENSATING SPRAY OUTLET. LAVATORY P-TRAP AND ANGLE VALVE ASSEMBLIES SHALL BE INSULATED WITH FULLY MOLDED INSULATION KIT, AND LIGHT GRAY COLOR WITH 3-PIECE INTERLOCKING TRAP ASSEMBLY AND 2-PIECE INTERLOCKING ANGLE VALVE ASSEMBLY. FASTENERS SHALL BE NYLON-TYPE SUPPLIED WITH KIT. 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 MIXING VALVE MV-1.

LAVATORY	ZURN Z5348
FAUCET	ZURN Z-8711B1-3F
SUPPLY W/STOP	ZURN Z-8802LRLK-PC
P-TRAP	ZURN Z8700-PC
STRAINER/TAILPIECE	ZURN Z-8746
INSULATION KIT	ZURN Z8946-3-NT
AERATOR	ZURN -3M
CARRIER	ZURN Z-1231
BASE ANCHORAGE	B-LINE ANCHORS AWA-50-375
MIXING VALVE	MV-1

SK-2 DOUBLE COMPARTMENT STAINLESS STEEL SINK (MATERIAL STORAGE):

33" X 22" X 10" DEEP (BOWL IS 13-1/2X16X10-1/8), TYPE 304, 18 GAUGE, 8" CENTERS, SELF RIMMING SINGLE COMPARTMENT, (18-8) NICKEL BEARING STAINLESS STEEL, BACK LEDGE SINK WITH SATIN FINISH AND SOUND DEADENING MATERIALS ON SIDE AND BOTTOM OF SINK. PROVIDE POLISHED CHROME PLATED TOP MOUNT SWING GOOSENECK SPOUT AND VACUUM BREAKER, STRAIGHT LEVER HANDLES, PRESSURE COMPENSATING AERATOR, STRAINER WITH REMOVABLE CRUMB CUP AND STOPPER WITH 1-1/2" 17 GAUGE TAILPIECE, 1-1/2" CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT AND TUBE WASTE TO WALL, AND WASTE ARM AND TEE. PROVIDE CHROME PLATED ANGLE STOP TO WALL WITH CHROME PLATED 1/2" IPS X 3/8" OD FLEXIBLE COPPER SUPPLY RISERS AND LOOSE KEY OPERATOR. COORDINATE WITH CABINET SHOP DRAWINGS, BASE CABINET MUST BE A TRUE MINIMUM 24" DEEP BACK TO FRONT IN ORDER FOR SINK TO DROP INTO COUNTERTOP OPENING. SINK DRILLINGS SHALL ACCOMMODATE FITTING INSTALLATION, ONLY, NO OTHER CAPPED OPENINGS WILL BE ALLOWED.

SINK	ELKAY DLR-3322-10
FAUCET	ZURN Z-871C-XL
STRAINER	ELKAY LK-35
SUPPLIES	ZURN Z-8802-LR-LK
P-TRAP	ZURN Z8702-PC
WASTE	ELKAY LK53

SK-3 TRIPLE COMPARTMENT STAINLESS STEEL SINK:

63" X 29-3/4" X 45" (BOWL IS 18X24X14), TYPE 304, 8" CENTERS ON 9" HIGH BACK SPLASH, SELF-RIMMING TRIPLE COMPARTMENT, 16 GAUGE NICKEL BEARING STAINLESS STEEL, BACK LEDGE SINK. PROVIDE POLISHED CHROME PLATED WALL MOUNT, SWING GOOSENECK SPOUT AND VACUUM BREAKER, STRAIGHT LEVER HANDLES, PRESSURE COMPENSATING AERATOR, STRAINER WITH REMOVABLE CRUMB CUP AND STOPPER WITH 1-1/2" 17 GAUGE TAILPIECE, DISCHARGE TO FLOOR SINK. PROVIDE CHROME PLATED ANGLE STOP TO WALL WITH CHROME PLATED 1/2" IPS X 3/8" OD FLEXIBLE COPPER SUPPLY RISERS AND LOOSE KEY OPERATOR, COORDINATE WITH CABINET SHOP DRAWINGS, BASE CABINET MUST BE A TRUE MINIMUM 24" DEEP BACK TO FRONT IN ORDER FOR SINK TO DROP INTO COUNTERTOP OPENING. SINK DRILLINGS SHALL ACCOMMODATE FITTING INSTALLATION, ONLY, NO OTHER CAPPED OPENINGS WILL BE ALLOWED.

SINK	ELKAY 14-3C18X24-0X
FAUCET	ZURN Z-871C-XL
STRAINER	ELKAY LK-35
SUPPLIES	ZURN Z-8802-LR-LK

EWC-1 ELECTRIC WATER COOLER (DUAL PURPOSE/TWO LEVELS/BOTTLE STATION):

WALL MOUNT, DUAL-PURPOSE UNIT, SELF-CONTAINED ELECTRIC WATER COOLER WITH SENSOR-ACTIVATED BOTTLE FILLING STATION. FURNISH FLOOR MOUNTED TWO LEVELS DOUBLE CARRIER WITH BEARING PLATE, HANGAR PLATE, ADJUSTABLE SUPPORTING RODS, STRUCTURAL UPRIGHTS AND BLOCK BASES, SECURE TO FLOOR WITH 1/2" BOLTS AND ANCHORS. UNIT TO BE COMPLETE WITH HERMETIC AIR COOLED REFRIGERATION SYSTEM, COOLER PRE-COOLER, THERMOSTAT, SAFETY CONTROLS, CONDENSER FAN MOTOR, SILVER ION ANTIMICROBIAL PROTECTION ON KEY PLASTIC COMPONENTS, FLEXI-GUARD SAFETY BUBBLER, VERMIN PROOF INSULATION, HEAVY GAUGE STEEL CABINET, MOISTURE RESISTANT FINISH, QUIET OPERATION. TOP OF COOLER SHALL BE NO. 3 SATIN FINISH STAINLESS STEEL. COOLER CAPACITY SHALL BE 8.0 GPH, LAMINAR FLOW, VISUAL KILTER MONITOR, COOLING 80-DEGREE F WATER TO 50 DEGREE F. PROVIDE ONE-YEAR WARRANTY ON ENTIRE COOLER. PROVIDE CHROME PLATED STOP TO WALL WITH CHROME PLATED 3/8" FLEXIBLE SUPPLY. PROVIDE 1-1/2" CHROME PLATED 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT. PROVIDE CHROME PLATED 1/2" IPS X 3/8" OD ANGLE STOP TO WALL WITH CHROME PLATED FLEXIBLE COPPER SUPPLY RISERS AND LOOSE KEY OPERATOR. 115V/60HZ, SINGLE PHASE, 9 FULL LOAD AMPS, 370 RATED WATTS, HERMETICALLY-SEALED RECIPROCATING COMPRESSOR. VERIFY FINAL LOCATION AND MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS. FINISH TO BE SELECTED BY ARCHITECT. CERTIFIED TO NSF/ANSI 42, 53, 61, & 372. UL 399 REQUIREMENTS.

EDF	ELKAY LZSTL8WSSP
TRAP	ZURN Z-8702-PC
SUPPLIES	ZURN Z-8802LK
CARRIER	ZURN Z1225-BL

SS-1 SERVICE SINK (WALL MOUNT):

24" X 20" X 12-3/4" ENAMELED CAST IRON SERVICE SINK WITH 8" ON CENTER, BACK, STAINLESS STEEL RIM GUARD AND WALL HANGER. ROUGH CHROME PLATED FAUCET WITH TOP BRACE, BUCKET HOOK, VACUUM BREAKER, SWIVEL INLETS, INTEGRAL SERVICE STOPS AND HOSE END, 3" TRAP WITH CLEANOUT TO WALL INSIDE WITH FOOT SUPPORT. CHROME PLATED LOOSE KEY ANGLE STOP TO WALL WITH 3/8" CHROME PLATED FLEXIBLE HOT AND COLD WATER SUPPLIES.

SINK	ZURN Z5898
FAUCET	ZURN Z843M1-RC
DRAIN ASSEMBLY	ZURN TS 2900-IP3
HOSE&BRACKET/MOP HANGER	-HH,-MH

MV-1 WATER MIXING VALVE (THERMOSTATIC MIXING):

UNDER SINK 3/8" COMPRESSION FITTING MIXING VALVE, BRASS BODY, LEAD FREE, LIMITS HOT WATER BETWEEN 80°F & 120°F, DUAL CHECK VALVES, 0.25GPM MIN. FLOW, 40 MESH STAINLESS STEEL STRAINER, TAMPER RESISTANT LOCKING CAP. MEETS ASSE 1070 STANDARDS.

EXPOSED MIXING VALVE	WATTS LFUSG-B

UB-1 ICE MAKER HOOK-UP (REFRIGERATOR SPACE):

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 @ 100 P.S.I. PROVIDE APPROXIMATELY 5'_0" OF 1/4" O.D. 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 MANUFACTURER'S RECOMMENDATIONS.

WALL BOX	GUY GRAY BIM 875

FS-1 FLOOR SINK:

12" X 12" X 8" DEEP, ENAMELED CAST IRON (INSIDE ONLY ENAMELED) WITH CHROME PLATED BRASS BEEHIVE STRAINER (HALF GRATE), 3" OUTLET CONNECTION. PROVIDE RUNNING TRAP UNDER FLOOR WITH CLEANOUT FLUSH TO FLOOR FINISH MATERIAL, COORDINATE WITH ARCHITECTURAL FINISH SCHEDULE.

FLOOR SINK	ZURN Z-1901-2

RD-1 ROOF DRAIN:

15" DIAMETER ROOF DRAIN, DURA-COATED CAST IRON BODY WITH COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD AND LOW SILHOUETTE CAST IRON DOME. 90 DEGREE THREADED SIDE OUTLET BODY, 6".

FLOOR DRAIN	ZURN ZC-Z100-6IP -90

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 265-3
AQUASTAT	TACO 563-2
CIRCUIT SETTER	XYLEM CB-1/2S LF
RECIRCULATION VALVE (TVC)	CIRCUIT SOLVER CS-1/2-110,

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 FULL 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 PRECHARGED 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 6KW 208V/3 PHASE

WATER HEATER	A. O. SMITH DRE 52
VACUUM RELIEF	WATTS 36A
EXPANSION TANK	AMTROL "THERM-X-TROL"

REVIEW DOCUMENTS

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SHEET TITLE: PLUMBING SPECIFICATIONS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

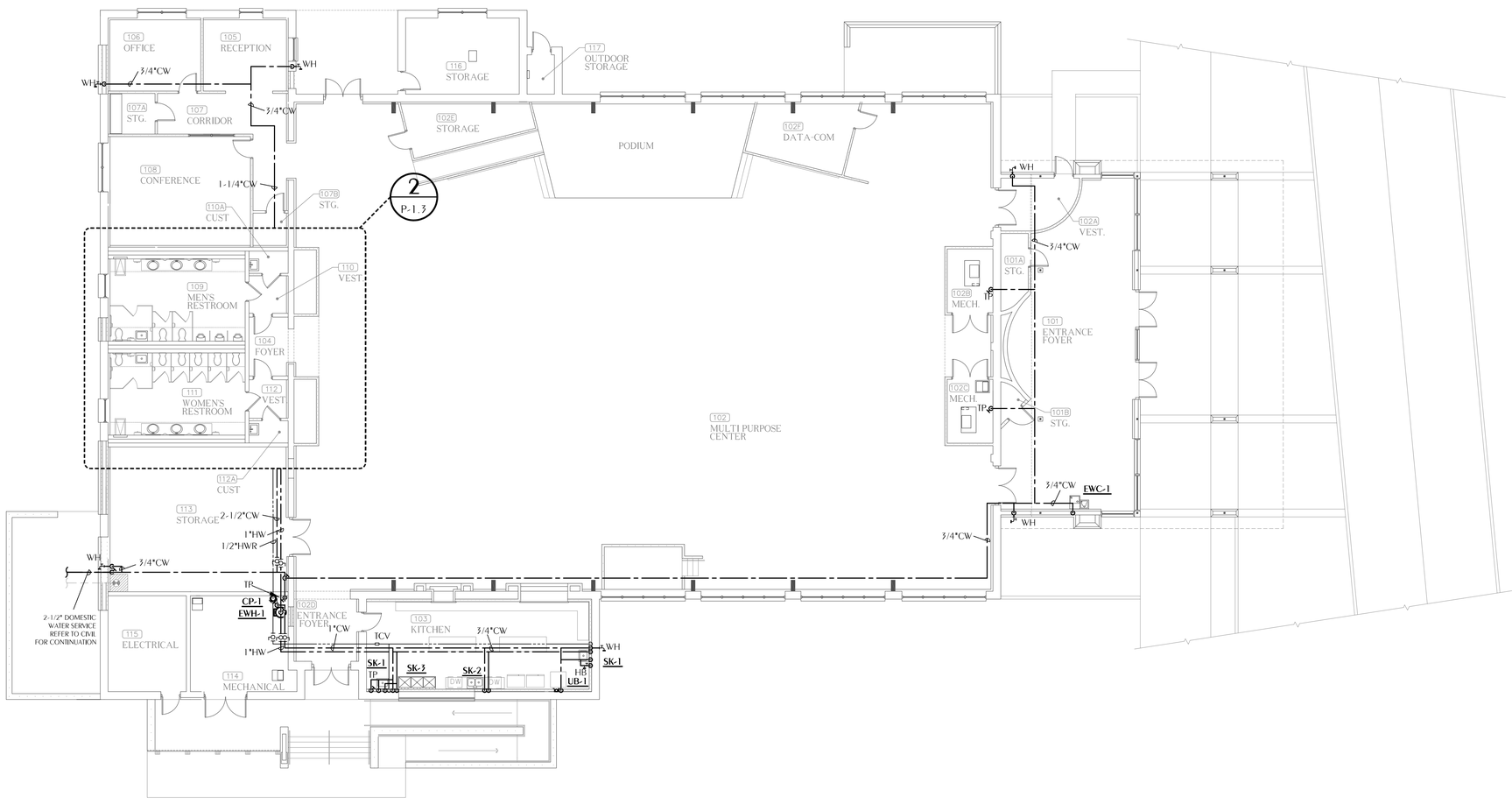
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P-0.3

GENERAL NOTES

1. BECAUSE OF EXTREMELY TIGHT CLEARANCE IN THE CEILING SPACE, CAREFUL COORDINATION WITH ALL TRADES MUST BE DOCUMENTED WITH SHOP DRAWINGS.

2. DCW PIPING ROUTED THROUGH THE GYM IS SHOWN OFF THE WALL FOR CLARITY AND SHALL BE ROUTED CLOSE TO ROOF STRUCTURE AND EXTERIOR WALL.



1 PLUMBING PLAN - DOMESTIC WATER
P-1.1

SCALE: 3/32" = 1'-0"

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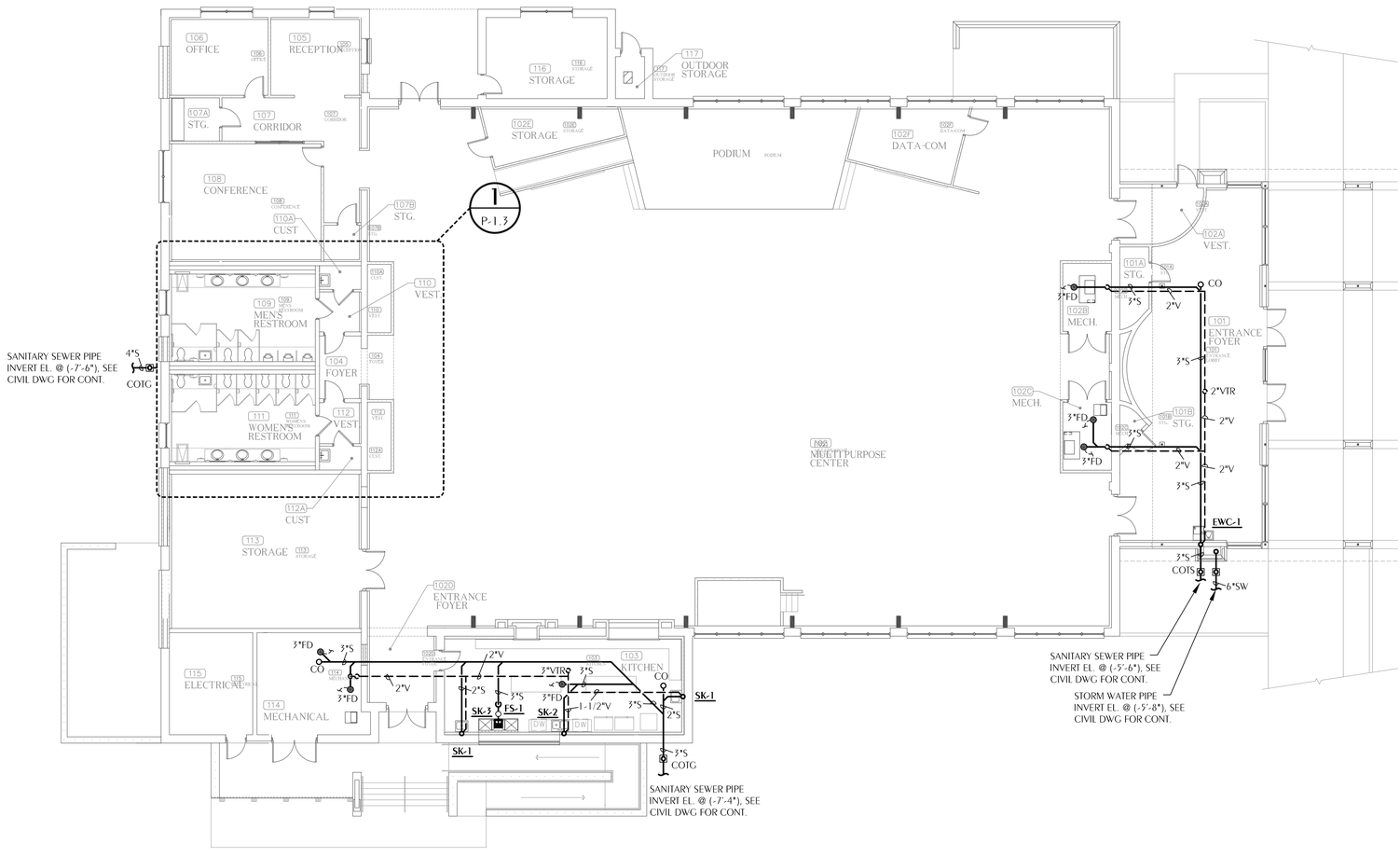
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SHEET TITLE: PLUMBING PLAN – DOMESTIC WATER

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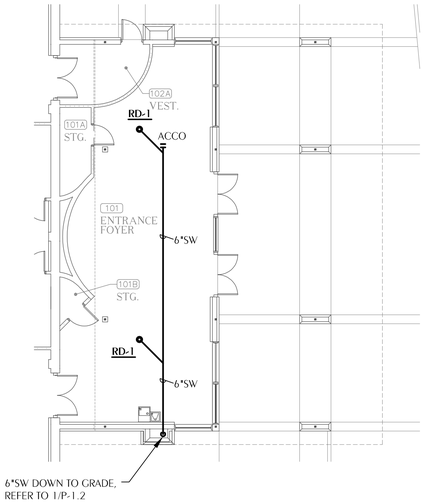
SHEET No.
P-1.1



REFERENCE:
FINISHED FLOOR ELEVATION = 0'-0"

1 P-1.2 PLUMBING PLAN - SANITARY

SCALE: 3/32" = 1'-0"



2 P-1.2 PLUMBING PLAN - ROOF STORM WATER

SCALE: 3/32" = 1'-0"

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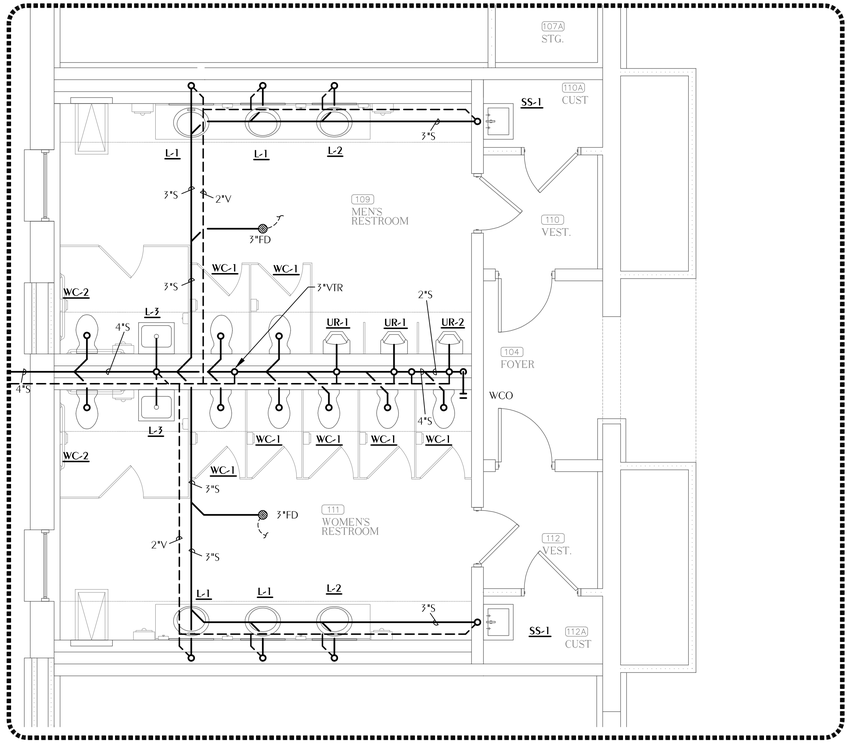
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SHEET TITLE: PLUMBING PLAN - SANITARY & STORM WATER

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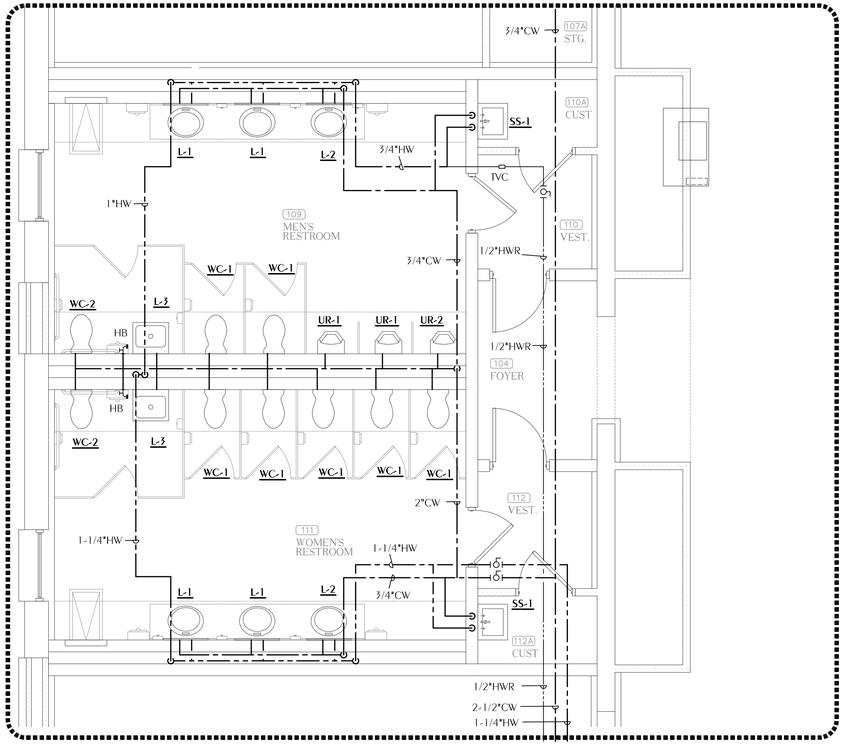
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SHEET No.
P-1.2



1 P-1.3 **PLUMBING PLAN - SANITARY**

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



2 P-1.3 **PLUMBING PLAN - DOMESTIC WATER**

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

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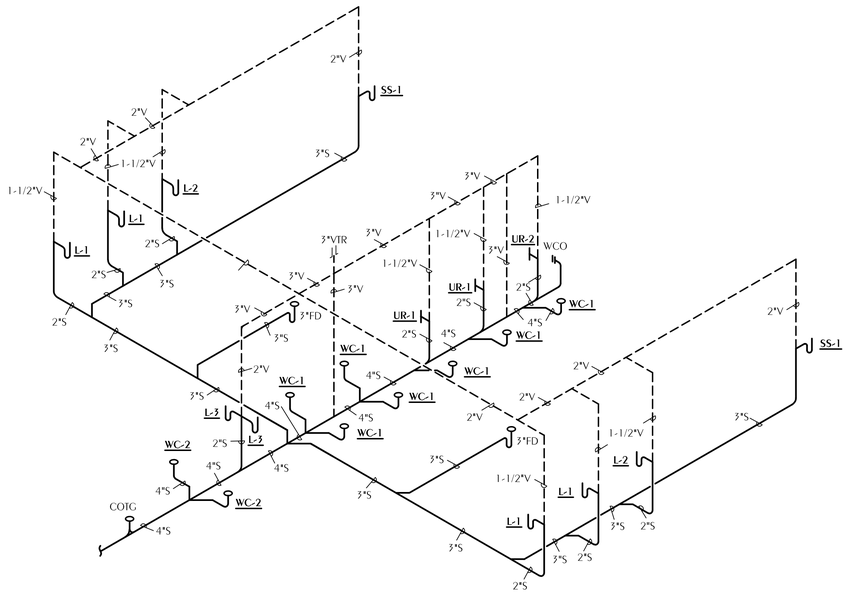
SHEET TITLE: PLUMBING ENLARGED PLANS

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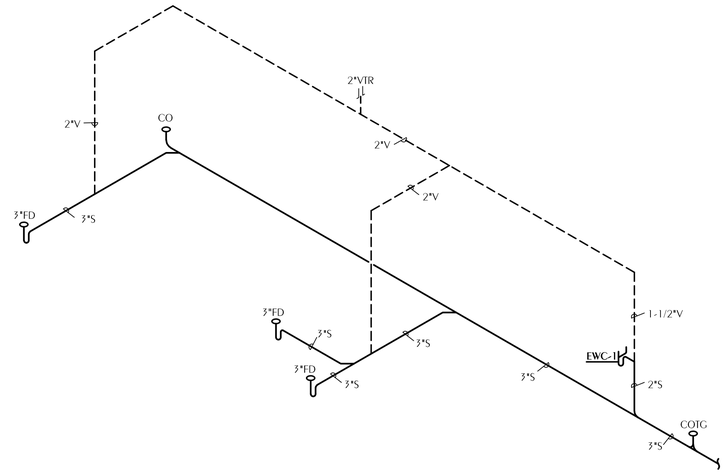
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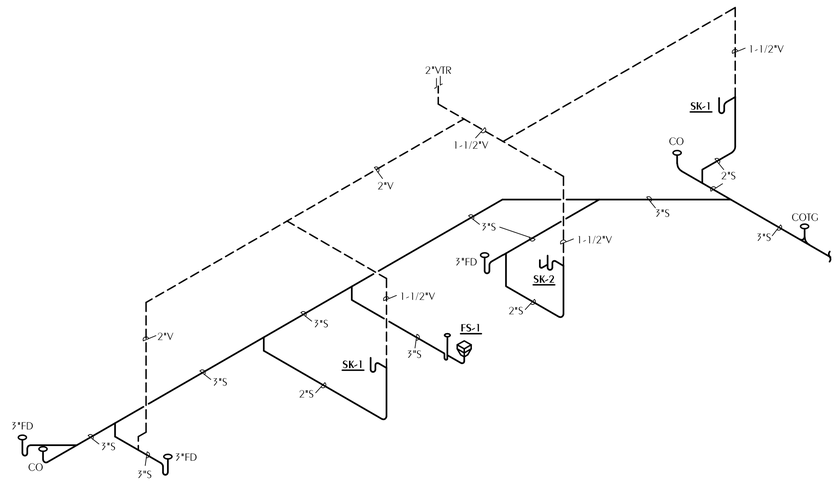
P-1.3



1 P-2.1 **SANITARY RISER DIAGRAM**
SCALE: NONE



2 P-2.1 **SANITARY RISER DIAGRAM**
SCALE: NONE



3 P-2.1 **SANITARY RISER DIAGRAM**
SCALE: NONE

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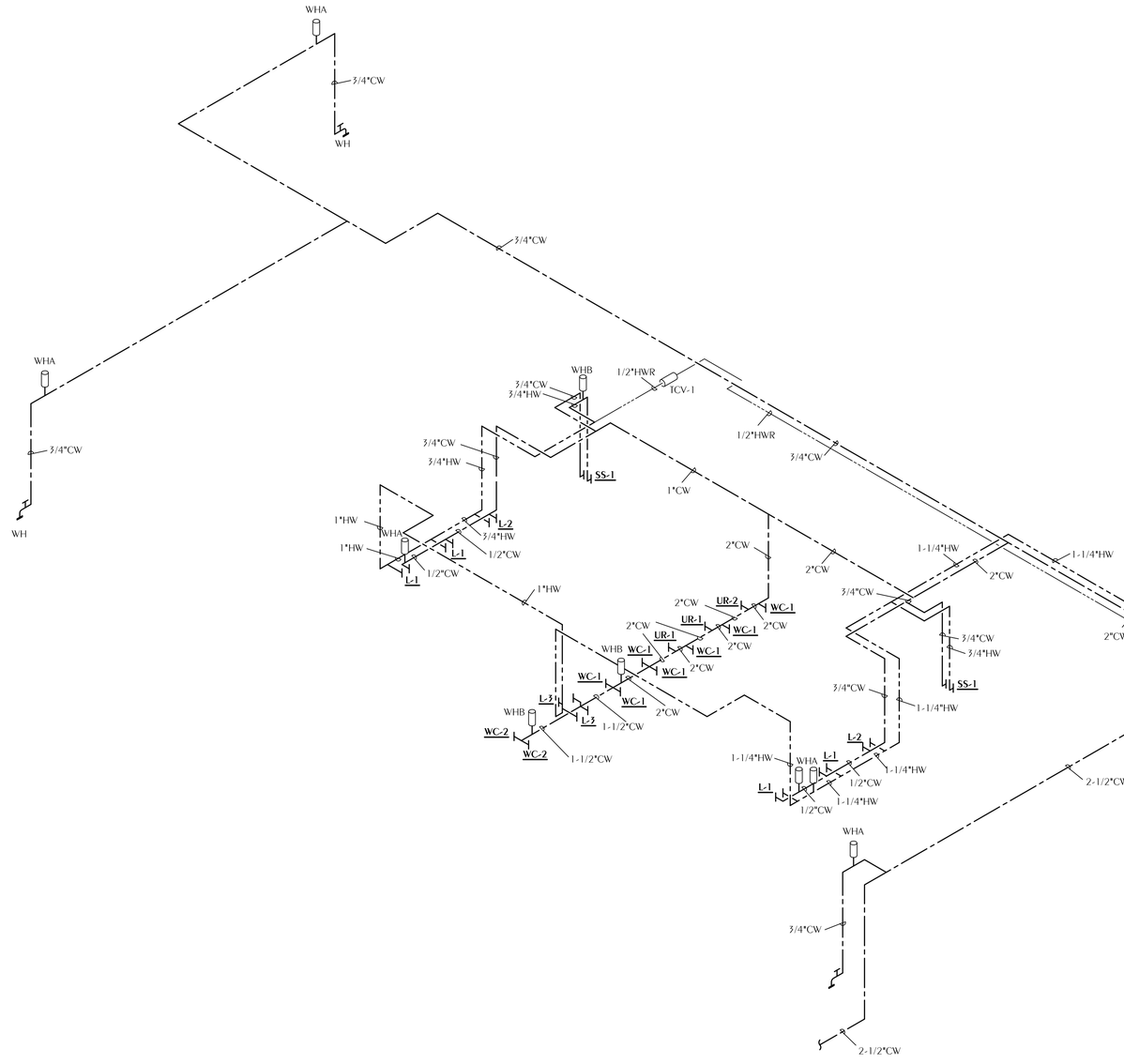
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SHEET TITLE: PLUMBING RISRE DIRAGRAM – SANITARY

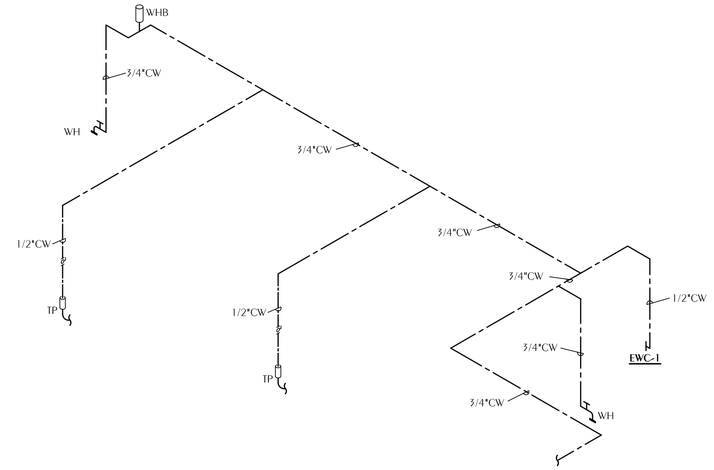
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SHEET No.
P-2.1



1 P-2.2 **DOMESTIC WATER RISER DIAGRAM**
SCALE: NONE



2 P-2.2 **DOMESTIC WATER RISER DIAGRAM**
SCALE: NONE

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SHEET TITLE: DOMESTIC WATER RISER

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P-2.2

LEGEND

AHU-1 — EQUIPMENT TAG

1 / M3 — DETAIL TAG (*1* INDICATES IDENTIFICATION NUMBER; *M3* INDICATES THE SHEET NUMBER DRAWN ON)

1 — SHEET NOTE

SUPPLY DUCT SECTION POSITIVE PRESSURE

RETURN OR EXHAUST DUCT NEGATIVE PRESSURE

AxB — RECTANGULAR DUCT SIZE (*A* INDICATES SIDE SHOWN; *B* INDICATES SIDE NOT SHOWN)

INDICATES RISE IN ELEVATION OF DUCT.

EXTERNALLY INSULATED DUCTWORK

INTERNALLY INSULATED DUCTWORK

EXTERNALLY INSULATED ROUND FLEXIBLE DUCTWORK

DUCT ELBOW WITH TURNING VANES

RADIUSED DUCT ELBOW

FLEXIBLE DUCT CONNECTION

MANUAL VOLUME BALANCING DAMPER

M — MOTORIZED DAMPER

FD — FIRE DAMPER WITH ACCESS DOORS

SD — SMOKE DAMPER WITH ACCESS DOORS

BD — BACKDRAFT DAMPER

TEE WITH TURNING VANES

TRANSITION

FLEX DUCT TAKE OFF WITH MVD SIZE EQUALS DIFFUSER NECK SIZE UNLESS NOTED OTHERWISE

LOW PROFILE RECTANGULAR TO ROUND SIDE TAKEOFF FITTING WITH MVD; CROWN MODEL 3300-DS OR EQUAL

BRANCH DUCT TAKEOFF WITH MVD

CO — CLEANOUT

C — CONDENSATE DRAIN LINE

R — REF = REFRIGERANT PIPE PAIR

EXISTING DUCTWORK TO BE DEMOLISHED

18x16e — EXISTING DUCTWORK TO REMAIN

SR-1 / 100 — AIR DEVICE TAG. TOP LINE INDICATES TYPE OF DEVICE BOTTOM LINE INDICATES AIRFLOW IN CFM

(2)SR-1 / 100 — AIR DEVICE TAG. TOP LINE INDICATES TYPE OF DEVICE BOTTOM LINE INDICATES AIRFLOW IN CFM (2) INDICATES TYPICAL OF TWO DEVICES

TYP	TYPICAL
TEMP	TEMPERATURE
SA	SUPPLY AIR
RA	RETURN AIR
EA	EXHAUST AIR
MA	MIXED AIR
OA	OUTDOOR AIR
TA	TRANSFER AIR
EF	EXHAUST FAN
CD	CEILING DIFFUSER
RG	RETURN GRILLE
EG	EXHAUST GRILLE
ER	EXHAUST REGISTER
CEF	CEILING MOUNTED EXHAUST FAN
AHU	INDOOR AIR HANDLING UNIT
HP	OUTDOOR HEAT PUMP UNIT
OAU	OUTSIDE AIR PRECONDITIONING UNIT
CU	OUTDOOR CONDENSING UNIT-COOLING ONLY
T1	THERMOSTAT OR TEMP SENSOR, *1* INDICATES UNIT CONTROLLED
C	CO2 MONITORING STATION
S	DUCT MOUNTED SMOKE DETECTOR
FD	FLOOR DRAIN
UC	UNDERCUT DOOR ¼"
DG	DOOR GRILLE, REFER TO DOOR SCHEDULE
DG (FD)	22x22 FIRE RATED DOOR GRILLE WITH AUXILIARY FRAME
AFF	ABOVE FINISHED FLOOR
FD	FIRE DAMPER AT CEILING DIFFUSER OR GRILLE.
XFR	TRANSFER AIR
RLF	PRESSURE RELIEF
	TYPICAL 4 WAY THROW CEILING DIFFUSER
	CEILING DIFFUSER WITH THROW INDICATED
VRF	VARIABLE REFRIGERANT FLOW
E OR (E)	EXISTING
CC	DUCTLESS FCU-CEILING MOUNTED CASSETTE
CAH	DUCTED FCU-CONCEALED AIR HANDLING UNIT
WM	DUCTLESS FCU-WALL MOUNTED UNIT
DP	DEW POINT
EUH	ELECTRIC UNIT HEATER
CREF	CENTRIFUGAL ROOF EXHAUST FAN

GENERAL NOTES

1. ALL DUCT DIMENSIONS ARE NET INSIDE.
2. VERIFY COLLAR SIZES ON ALL AIR TERMINALS, EQUIPMENT OUTLETS AND INLETS, TRANSITION DUCTWORK AS NECESSARY. EXTERNALLY INSULATE TRANSITIONS AT EQUIPMENT CONNECTIONS.
3. 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.
4. 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.
5. PROVIDE DUCT FLEX CONNECTIONS & VIBRATION ISOLATION FOR ALL UNITS NOT INTERNALLY ISOLATED.
6. ALL SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR INTAKE DUCTWORK SHALL BE GALVANIZED SHEET METAL UNLESS OTHERWISE NOTED.
7. 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.
8. PROVIDE ACCESS PANELS IN CEILINGS AS REQUIRED FOR MAINTENANCE AND ADJUSTMENT OF EQUIPMENT LOCATED ABOVE CEILING.
9. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATION OF ALL EQUIPMENT AND UTILITIES.
10. ALL WORK SHALL COMPLY WITH THE 2020 FLORIDA BUILDING CODE (7TH EDITION).
11. COORDINATE LOCATION OF ALL CEILING MOUNTED EQUIPMENT WITH ARCHITECT'S REFLECTED CEILING PLAN.
12. SLOPE ALL CONDENSATE DRAIN PIPING AT 1/8" PER FOOT.

DUCTWORK NOTES

1. 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.
2. SEAL ALL DUCT PENETRATIONS OF WALLS AIRTIGHT, REGARDLESS OF WHETHER WALLS ARE FIRE RATED OR NOT.
3. 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.
4. 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.
5. 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.
6. STANDARD EXHAUST AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1/2" W.G., SEAL CLASS A, INSULATION NOT REQUIRED.
7. WHEN ROUTING DUCTWORK OVER LIGHTS, PROVIDE A MINIMUM 6" CLEARANCE BETWEEN DUCT AND LIGHTS.

SEQUENCE OF OPERATION

SPLIT HEAT PUMPS:

PROVIDE PROGRAMMABLE THERMOSTAT FOR EACH HEAT PUMP. THERMOSTAT SHALL BE CAPABLE OF PERFORMING THE SEQUENCE OUTLINED BELOW. THE THERMOSTAT SHALL BE CAPABLE 7 DAY PROGRAMMING WITH OCCUPIED AND UNOCCUPIED SCHEDULING.

OCCUPIED MODE: THE INDOOR FAN AND COMPRESSOR SHALL CYCLE WITH A CALL FOR HEATING AND COOLING. THE SETPOINT FOR COOLING SHALL BE 74° F ADJUSTABLE. THE SETPOINT FOR HEATING SHALL BE 70°F ADJUSTABLE. THE SUPPLEMENTAL ELECTRIC HEAT SHALL OPERATE AS A SECOND STAGE OF HEATING.

UNOCCUPIED MODE: THE INDOOR FAN AND HP SHALL CYCLE TO MAINTAIN SETPOINT TEMPERATURE. THE SETPOINT FOR COOLING SHALL BE 80°F ADJUSTABLE. THE SETPOINT FOR HEATING SHALL BE 65°F ADJUSTABLE.

OVERRIDE MODE: THE OVERRIDE MODE SHALL PLACE THE SYSTEM IN OCCUPIED MODE FOR A MINIMUM OF 1 HR.

OAU's

PROVIDE FACTORY MOUNTED AND WIRED DIGITAL CONTROLLER CAPABLE OF PERFORMING THE SEQUENCE OUTLINED BELOW. THE CONTROLLER SHALL BE CAPABLE OF 7 DAY PROGRAMMING WITH OCCUPIED AND UNOCCUPIED SCHEDULING.

OCCUPIED MODE: THE MOTORIZED OA DAMPER SHALL OPEN TO THE BALANCED POSITION AND THE VENTILATION FAN SHALL RUN CONTINUOUSLY. ANYTIME THE OUTDOOR AIR DEWPOINT TEMPERATURE IS ABOVE 58°F, THE UNIT SHALL DEHUMIDIFY AND REHEAT OUTDOOR AIR TO 72°F BY MEANS OF VARIABLE HOT GAS REHEAT. ANYTIME THE OUTDOOR AIR DRY BULB TEMPERATURE DROPS BELOW 50°F, THE UNIT SHALL HEAT THE OUTDOOR AIR BY MEANS OF THE ELECTRIC STRIP HEAT. THE UNIT SHALL MODULATE SCR ELECTRIC HEAT TO MAINTAIN 68°F SUPPLY AIR TEMPERATURE. INTERLOCKED EXHAUST FANS SHALL RUN CONTINUALLY DURING OCCUPIED TIMES.

UNOCCUPIED MODE: THE MOTORIZED OA DAMPER SHALL CLOSE AND THE UNIT SHALL NOT RUN.

AIR DEVICE SCHEDULE

MARK	MAX AIRFLOW CFM	AIR DEVICE SIZE	DUCT CONNECTION SIZE	TITUS MODEL
CD-1 / CFM	80	9x9	6Ø	TDC
CD-2 / CFM	245	12x12	8Ø	TDC
CD-3 / CFM	350	12x12	10Ø	TDC
CD-4 / CFM	410	12x12	12Ø	TDC
SWG-1 / CFM	730	24x12	24x12	S300F
RG, EG, SG, TG, RR, ER				
xx-1 / CFM	450	12x12	12x12	350FL
xx-2 / CFM	1705	22x22	22x22	350FL
xx-3 / CFM	4315	36x36	36x36	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.

VENTILATION SCHEDULE

SPACE TYPE	VENTILATION CFM/S.F.	VENTILATION CFM/PERSON	EXHAUST CFM
CORRIDOR	0.06	0	0
STORAGE	0.06	0	0
OFFICE	0.06	5	0
BREAK	0.18	7.5	0
MULTIPURPOSE ASSEMBLY	0.06	7.5	0
RESTROOM-CONTINUOUS	0	0	50/FIXTURE
SHOWER-CONTINUOUS	0	0	20/FIXTURE
JANITORS CLOSETS	1	0	0

NOTE:
VENTILATION RATES IN COMPLIANCE WITH ASHRAE STANDARD 62.1-2013. BIPOLAR IONIZATION IS UTILIZED TO CLEAN INDOOR AIR AND MAINTAIN ACCEPTABLE INDOOR AIR QUALITY WITH A REDUCTION IN OUTDOOR AIRFLOW.

LOUVER SCHEDULE

MARK	AIRFLOW CFM (MAX)	LOUVER SIZE (WxH) INCHES	FREE AREA FT² (MIN)	PRESSURE DROP (IN. WG)
LVR-1 / CFM	145	16x12	0.2	0.08
LVR-2 / CFM	1410	60x24	3.6	0.09
LVR-3 / CFM	420	28x12	0.5	0.10

1. PROVIDE GREENHECK MODEL 'EVH-660D' (OR EQUAL) EXTRUDED ALUMINUM, WIND-DRIVEN RAIN RESISTANT, STATIONARY LOUVER WITH BIRDSCREEN.
2. FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS.
3. PROVIDE LOUVER WITH FLORIDA PRODUCT APPROVAL.

REVIEW DOCUMENTS

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SHEET TITLE: HVAC LEGEND, SCHEDULES, AND NOTES

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG. 11, 2023
DRAWN BY: ISL
CHECKED BY: KAJ

SHEET No.
M-0.1

100% OUTSIDE AIR UNIT SCHEDULE

UNIT OAU	BASIS OF DESIGN	OAU/CU MODEL	CONFIGURATION	OA (CFM)	ESP (IN. WC)	FAN (HP)	COOLING					HEATING				OAU ELECTRICAL			NOTES
							EAT° (DB/WB)	LAT° (DP)	TOTAL (BTUH)	SENSIBLE (BTUH)	ISMRE	EAT (DB)	LAT° (F)	STAGES	KW	VOLTS/PHASE	MCA	MOP	
1	GREENHECK	RV-45-20	PACKAGED	2540	0.7	1	82.8/78.7	46.2	275900	102500	7.8	25.4	85.0	SCR	49.2	208/3	141.1	150	1,2,3,4,5,6,7,8,9,10

1. DIRECT DRIVE FAN WITH ECM MOTOR
2. REFER TO CONDENSING UNIT SCHEDULE FOR EFFICIENCIES
3. ESP DOES NOT INCLUDE FILTER, CASING, ETC.
4. PROVIDE 100% OUTSIDE AIR DEHUMIDIFICATION UNIT WITH HOT GAS REHEAT.
5. PROVIDE MOTORIZED OA DAMPER
6. PROVIDE DIGITAL CONTROLLER WITH BACNET MSTP CARD.
7. PROVIDE COATED INDOOR COILS, NON FUSED DISCONNECT, PHASE FAILURE MONITOR, DIRTY FILTER SWITCH, OUTSIDE AIR TEMPERATURE SENSOR, DISCHARGE AIR TEMPERATURE SENSOR AND LEAVING COIL TEMPERATURE SENSOR.
8. PROVIDE FULLY MODULATING INVERTER COMPRESSORS WITH AUTO CHANGEOVER FUNCTIONS.
9. CONTRACTOR TO VERIFY PIPE ROUTING ON SITE AND CONSULT WITH FACTORY FOR FINAL LINE SIZING.
10. ISMRE IS INTEGRATED SEASONAL MOISTURE REMOVAL EFFICIENCY.

SPLIT SYSTEM HEAT PUMP SCHEDULE

UNIT AHU/HP	BASIS OF DESIGN	MODEL AHU/HP	SA (CFM)	OA (CFM)	ESP (IN.H20)	FAN (HP)	COOLING					HEATING				SUPPL.	AHU ELECTRICAL			HP ELECTRICAL			NOTES
							MAT °F (DB/WB)	OAT °F (DB/WB)	TOTAL (BTUH)	SENSIBLE (BTUH)	EER	MAT °F (DB)	OAT °F (DB)	TOTAL (BTUH)	HSPF	HEAT	VOLTS/PHASE	MCA	MOP	VOLTS/PHASE	MCA	MOP	
1	LENNOX	CBA27UHE-060/ML14XP1-060	2020	95	0.63	1	72.8/62.1	95/77	44200	37900	12.2	68.9	25	60000	9.0	15 kW	208/3	49.0	50	208/3	18.3	30	1,2,3,4,5,8,10
2	LENNOX	ELA090S4D/ELP090S4S	4230	0	0.53	2	72.1/62.1	95/77	81100	67500	11.0	71.3	25	90000	3.3	15 kW	208/3	49.0	50	208/3	37.0	60	1,2,3,4,5,6,7,8,9,10,11,12
3	LENNOX	ELA090S4D/ELP090S4S	4230	0	0.53	2	72.1/62.1	95/77	81100	67500	11.0	71.3	25	90000	3.3	15 kW	208/3	49.0	50	208/3	37.0	60	1,2,3,4,5,6,7,8,9,10,11,12
4	LENNOX	ELA090S4D/ELP090S4S	4230	790	0.89	2	72.1/62.1	95/77	81100	67500	11.0	71.3	25	90000	3.3	15 kW	208/3	49.0	50	208/3	37.0	60	1,2,3,4,5,6,7,8,9,10,12
5	LENNOX	CBA27UHE-048/M14XP1-048	1590	135	0.70	1	72.2/63.8	95/77	39900	27600	12.2	71.3	25	48000	9.0	8 kW	208/3	30.0	30	208/3	18.5	30	1,2,3,4,5,7,8,10
6	LENNOX	CBA27UHE-036/ML14XP1-036	1205	40	0.58	1/2	72.6/61.8	95/77	25000	22100	12.5	71.6	25	36000	9.0	8 kW	208/3	26.0	30	208/3	12.2	20	1,2,3,4,5,7,8,10

1. PROVIDE 2 " MERV 13 FILTERS.
2. EFFICIENCIES IN ACCORDANCE WITH ARI STANDARD 210/240.
3. ESP DOES NOT INCLUDE FILTER, CASING, ETC.
4. PROVIDE CONTROL KIT TO INCLUDE BLOWER CONTACTOR OR STARTER, TRANSFORMER, ELECTRIC HEATER INTLERLOCKS. ELECTRICAL SERVICE SHALL BE A SINGLE POINT OF CONNECTION.
5. PROVIDE THERMAL EXPANSION VALVES.
6. BELT DRIVE AHU FAN.
7. PRETREATED OUTSIDE AIR.
8. COOLING CAPACITY IS NET AND DOES NOT INCLUDE FAN HEAT.
9. PROVIDE TWO STAGE COMPRESSORS
10. PROVIDE PROGRAMMABLE THERMOSTAT WITH BACNET INTERFACE.
11. OUTDOOR AIR IS SUPPLIED DIRECTLY TO SPACE.
12. HEATING EFFICIENCY GIVEN AS COP.

FAN SCHEDULE

UNIT	TYPE	CFM	MAX. FAN RPM	ESP (IN. H20)	MAX. MOTOR POWER	SONES/db (MAX.)	BASIS OF DESIGN	MODEL	CONTROL	ELECTRICAL	NOTES
										VOLTS/PHASE	
EF-1	INLINE	1410	1120	0.44	1	11.5	GREENHECK	SQ-160-VG	INTERLOCK WITH OAU-1	208/3	1,2,3,4,5,6
EF-2	INLINE	420	1949	0.46	1/2	7.9	GREENHECK	SQ-7-M1-VG	WALL MOUNT SWITCH	115/1	1,2,3,4,5,6

1. PROVIDE DISCONNECT.
2. PROVIDE SOLID STATE SPEED CONTROLLER.
3. PROVIDE BACK DRAFT DAMPER.
4. PROVIDE THERMAL OVERLOAD.
5. PROVIDE DIRECT DRIVE FAN WITH EC MOTOR.
6. PROVIDE VIBRATION ISOLATION HANGERS.

AIR PURIFICATION EQUIPMENT SCHEDULE

ZONE	SUPPLY CFM	OA CFM	PRESS. IN. W.C.	BASIS OF DESIGN	MODEL	QUANTITY	ELECTRICAL		NOTES
							VOLTS/PHASE	WATTS	
AHU-1	2020	95	0.01	GPS	GPS-DM48-AC	1	24 VAC	12	1,2,3,4,5
AHU-2	4230	790	0.01	GPS	GPS-DM48-AC	1	24 VAC	12	1,2,3,4,5
AHU-3	4230	790	0.01	GPS	GPS-DM48-AC	1	24 VAC	12	1,2,3,4,5
AHU-4	4230	790	0.01	GPS	GPS-DM48-AC	1	24 VAC	12	1,2,3,4,5
AHU-5	1590	135	0.01	GPS	GPS-DM48-AC	1	24 VAC	12	1,2,3,4,5
AHU-6	1205	40	0.01	GPS	GPS-DM48-AC	1	24 VAC	12	1,2,3,4,5

1. PROVIDE BASIS OF DESIGN OR EQUAL BY GLOBAL PLASMA OR ACTIVE AIR SOLUTIONS.
2. BI-POLAR IONIZATION SYSTEMS REQUIRING PERISHABLE GLASS TUBES ARE NOT ACCEPTABLE.
3. MANUFACTURER MUST PASS UL-867-2007 OZONE CHAMBER TESTING BY EITHER UL OR ETL.
4. ELECTRICAL INPUT SHALL BE FROM FAN CONTROL TERMINALS.
5. UNIT SHALL BE MOUNTED IN SUPPLY AIR DUCT.

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	MCA (AMPS)	FAN FLA (AMPS)	NOTES
						COOLING TOTAL	COOLING SENSIBLE								
WM-1	MITSUBISHI	MSZ-FS09NA	WALL MOUNT	9000	72.5/44.7	4600	4600	18000	300	71.0	220	FED FROM MHP-1	1.0	0.65	1,2,3,4,5,6,7,8

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

MINI SPLIT SYSTEM CONDENSING UNIT SCHEDULE

UNIT	BASIS OF DESIGN	MODEL	NOMINAL COOL CAPACITY (BTUH)	DESIGN COOLING OUTDOOR TEMP DB	SEER2	NOMINAL HEAT CAPACITY (BTUH)	DESIGN HEATING OUTDOOR TEMP DB	HSPF2	VOLTS/PHASE	MCA (AMPS)	MOP (AMPS)	NOTES
MHP-1	MITSUBISHI	MUZ-FS09NAH	9000	95.0	29.8	18000	25	10.0	208/1	10.0	15	1,2,3

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

REVIEW DOCUMENTS

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SHEET TITLE: HVAC SCHEDULES

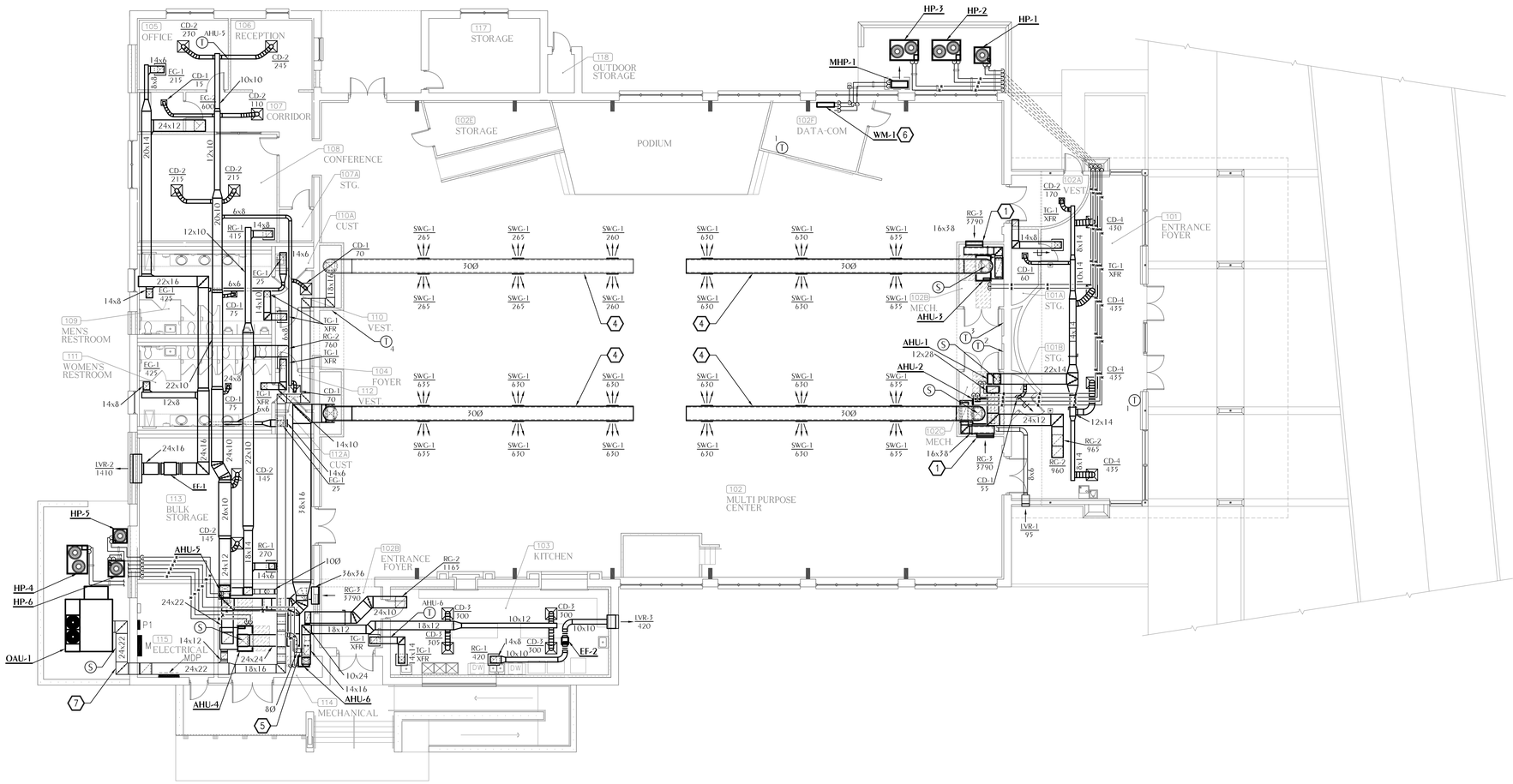
ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG. 11, 2023
DRAWN BY: ISL
CHECKED BY: KAJ

SHEET No.
M-0.2

SHEET NOTES

1. MOUNT TOP OF RETURN GRILLES AT 11'-9" AFF.
2. OFFSET UNDER DUCT.
3. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN. REFER TO PLUMBING. TYPICAL.
4. ALL DUCT EXPOSED IN ROOM 102 SHALL BE AT 19'-7" AFF.
5. CONNECT OUTSIDE AIR DUCT AFTER TURN DOWN FROM ELBOW.
6. DISCHARGE CONDENSATE ONTO 12"X8" ARCHITECTURAL SPLASH BLOCK.
7. PENETRATE WALL WITH DUCTWORK AS LOW AS POSSIBLE AND RISE UP INSIDE OF ELECTRICAL ROOM.



1 M-1.1 HVAC NEW WORK PLAN

SCALE: 3/32" = 1'-0"

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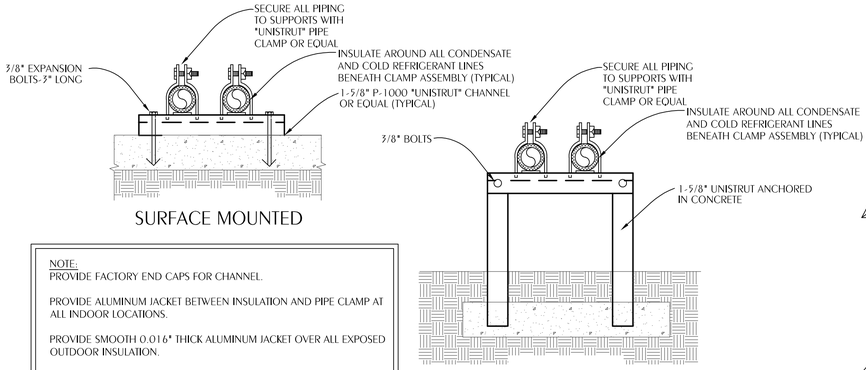
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SHEET TITLE: HVAC NEW WORK PLAN

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
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SHEET No.
M-1.1



NOTE:
PROVIDE FACTORY END CAPS FOR CHANNEL.

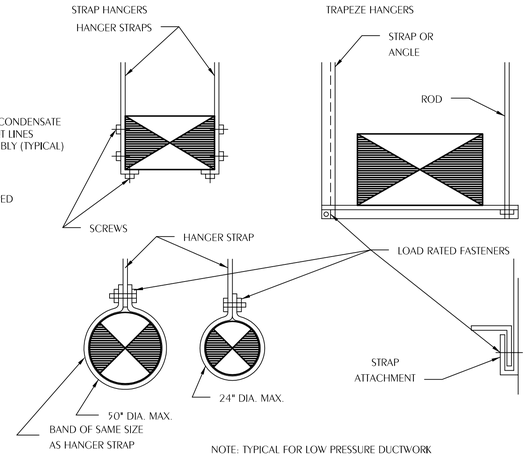
PROVIDE ALUMINUM JACKET BETWEEN INSULATION AND PIPE CLAMP AT ALL INDOOR LOCATIONS.

PROVIDE SMOOTH 0.016" THICK ALUMINUM JACKET OVER ALL EXPOSED OUTDOOR INSULATION.

PROVIDE SUPPORT AT INTERVALS REQUIRED BY THE FLORIDA BUILDING CODE.

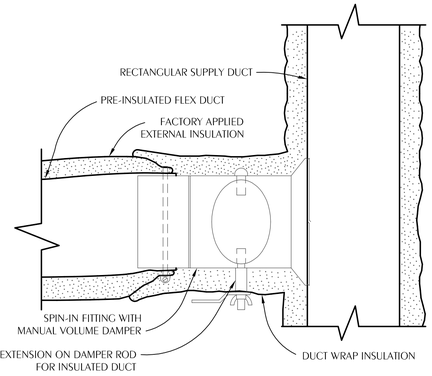
INSULATE ALL REFRIGERANT PIPING WITH 3/4" UNICELLULAR INSULATION.

1 TYPICAL EXTERIOR PIPING SUPPORT DETAIL
M-2.1 SCALE: NONE



NOTE: TYPICAL FOR LOW PRESSURE DUCTWORK

2 DUCT HANGER DETAILS
M-2.1 SCALE: NONE



NOTES:
CONNECT FLEXIBLE DUCT TO FITTING WITH DRAWBAND AND SEALER.

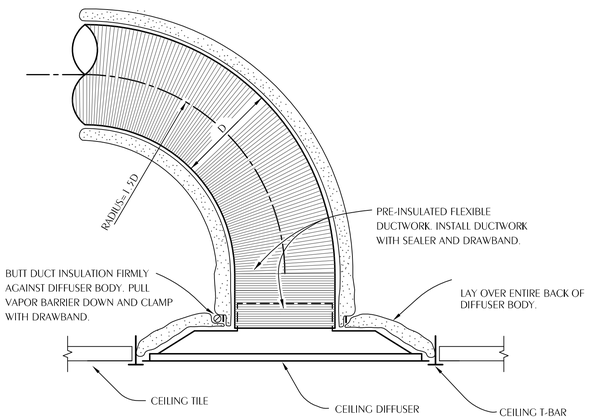
ROUND HARD DUCT RUNOUTS SHOULD START WITH SPIN-IN FITTINGS SIMILAR TO THIS DETAIL.

PROVIDE CABLE ACTIVATED DAMPER WITH ADJUSTMENT IN FACE OF CEILING DIFFUSER.

FLEXIBLE INSULATION SHALL BE 2" THICK, ASTM C553, TYPE 1, CLASS B-3 WITH 1 PCF DENSITY AND UL RATED ALUMINUM FOIL VAPOR BARRIER (FSK)

WRAP OVER OPPOSED BLADE DAMPERS AFTER TEST AND BALANCE

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

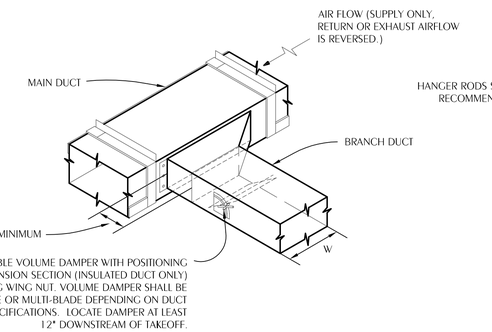


NOTES:
FLEX DUCT SHALL BE NO LONGER THAN 5'-0". FLEXIBLE DUCT SHALL HAVE REINFORCED, METALIZED POLYESTER JACKET WITH NO FIBERGLASS EROSION IN THE AIRSTREAM AND AN ENCAPSULATED WIRE HELIX. FLEX DUCT SHALL HAVE OPERATING PRESSURE OF 6" W.G. AND NEGATIVE OPERATING PRESSURE OF 0.75" W.G. FLEX DUCT SHALL HAVE R-VALUE OF R-6 AND MEET REQUIREMENTS OF UL-181, NFPA 90A AND NFPA 90B. ATCO 36 OR APPROVED EQUAL. R-8 INSIDE VENTILATED ATTIC. ATCO 31 OR APPROVED EQUAL.

PROVIDE 24x24 LAY IN PANEL FOR DIFFUSERS IN LAY IN CEILINGS.

PROVIDE BEVELED MOUNTING FRAME FOR DIFFUSERS IN HARD CEILINGS.

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

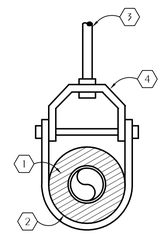


NOTES:
PROVIDE CABLE ACTIVATED DAMPER WITH ADJUSTMENT IN FACE OF CEILING DIFFUSER FOR INACCESSIBLE TAKEOFFS LOCATED ABOVE HARD CEILINGS.

FLEXIBLE INSULATION SHALL BE 2" THICK, ASTM C553, TYPE 1, CLASS B-3 WITH 1 PCF DENSITY AND UL RATED ALUMINUM FOIL VAPOR BARRIER (FSK)

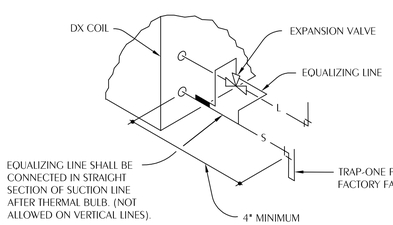
5 TYPICAL BRANCH DUCT TAKEOFF
M-2.1 SCALE: NONE

6 INLINE FAN DETAIL
M-2.1 SCALE: NONE



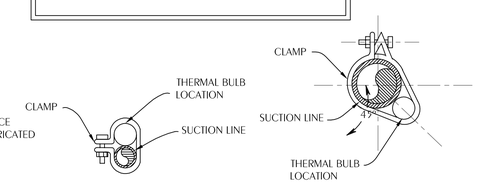
1. INSULATION
2. PIPE COVERING PROTECTION SADDLE
3. HANGER ROD FASTEN TO STRUCTURE PER SPECIFICATION
4. CLEVIS TYPE HANGER

7 OVERHEAD PIPE SUPPORT
M-2.1 SCALE: NONE

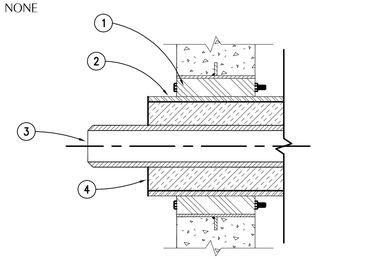


NOTES:
THERMOSTATIC BULB TO BE AS CLOSE TO COIL AS POSSIBLE NOT ALLOWED ON VERTICAL LINES.

INSULATE REFRIGERANT LINES PER SPECIFICATIONS.

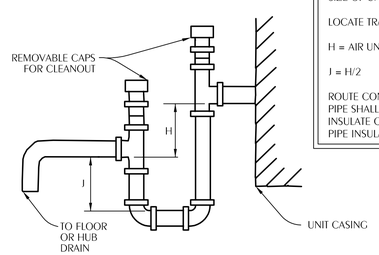


8 REFRIGERANT COIL CONNECTION DETAIL
M-2.1 SCALE: NONE



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

9 TYPICAL WALL PIPE PENETRATION
M-2.1 SCALE: NONE



NOTES:
PIPE TYPE 'L' HARD DRAWN COPPER CONDENSATE LINE AT FULL SIZE OF UNIT CONNECTION, BUT IN NO CASE SMALLER THAN 3/4".

LOCATE TRAPS SO AS TO BE ACCESSIBLE FOR CLEANING.

H = AIR UNIT TOTAL STATIC PRESSURE + 1"

J = H/2

ROUTE CONDENSATE TO NEAREST FLOOR DRAIN. CONDENSATE PIPE SHALL BE PROVIDED BY THE HVAC CONTRACTOR. INSULATE CONDENSATE DRAINS WITH 1/2" FLEXIBLE UNICELLULAR PIPE INSULATION.

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

REVIEW DOCUMENTS
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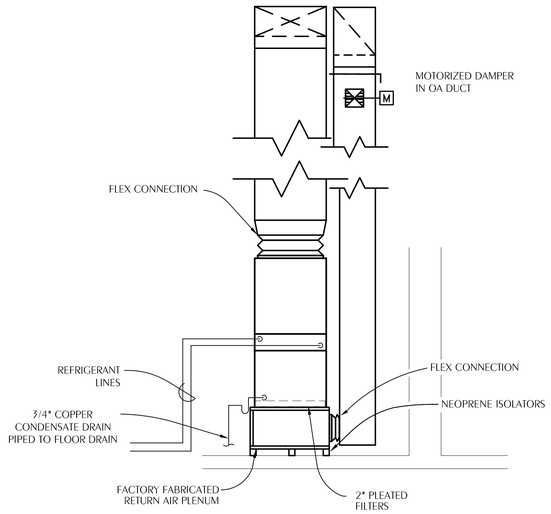
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SHEET TITLE: HVAC DETAILS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG. 11, 2023
DRAWN BY: ISL
CHECKED BY: KAJ

SHEET No.
M-2.1



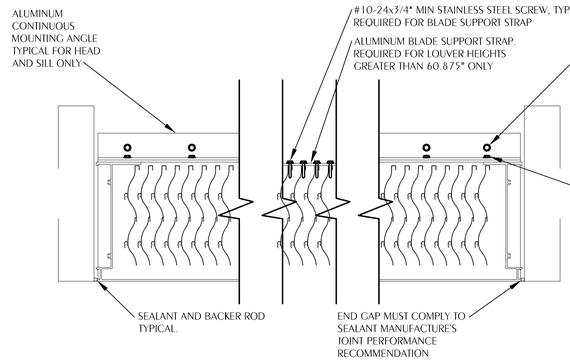
NOTES:
SECURE REFRIGERANT LINES AND CONDENSATE PIPING WITH UNISTRUT.

PROVIDE FACTORY FABRICATED RETURN AIR PLENUM OR ENGINEER APPROVED EQUAL.

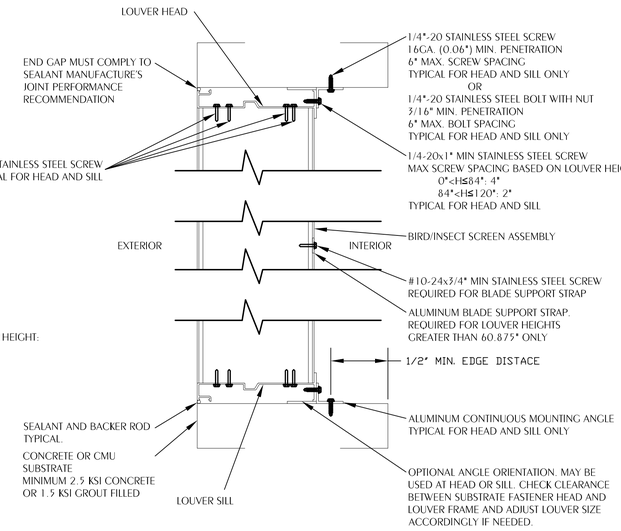
SIZE COPPER CONDENSATE LINE AT FULL SIZE OF UNIT CONNECTION, BUT IN NO CASE SMALLER THAN 3/4". INSULATE CONDENSATE DRAINS WITH 1/2" FLEXIBLE UNICELLULAR PIPE INSULATION.

1 M-2.2 VERTICAL UPFLOW AHU DETAIL

SCALE: NONE



JAMB AND SUPPORT DETAIL



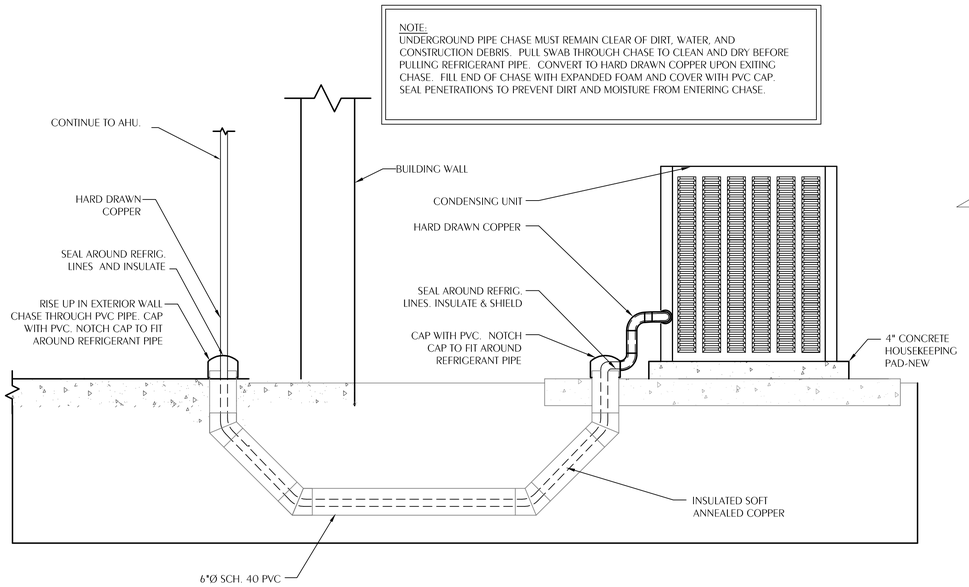
HEAD, SILL, AND SUPPORT DETAIL

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. SHIMS MAY BE REQUIRED TO ACHIEVE CONSISTENT CLEARANCE BETWEEN LOUVER AND OPENING ON ALL SIDES.
4. INSTALLATION DETAIL IS BASED UPON GREENHECK MODEL 'EVH-660D', IF AN ALTERNATE MANUFACTURER'S LOUVER IS USED, IT MUST BE INSTALLED WITH ITS FLORIDA PRODUCT APPROVAL.

2 M-2.2 WALL LOUVER DETAIL

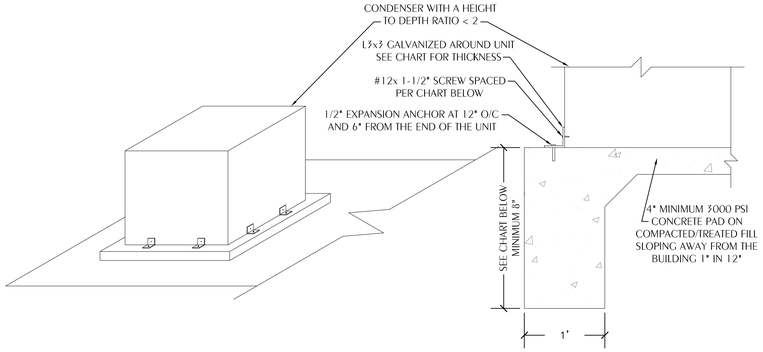
SCALE: NONE NOA #:22-0707.08

NOTE:
UNDERGROUND PIPE CHASE MUST REMAIN CLEAR OF DIRT, WATER, AND CONSTRUCTION DEBRIS. PULL SWAB THROUGH CHASE TO CLEAN AND DRY BEFORE PULLING REFRIGERANT PIPE. CONVERT TO HARD DRAWN COPPER UPON EXITING CHASE. FILL END OF CHASE WITH EXPANDED FOAM AND COVER WITH PVC CAP. SEAL PENETRATIONS TO PREVENT DIRT AND MOISTURE FROM ENTERING CHASE.

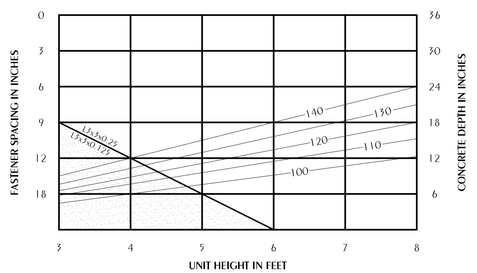


3 M-2.2 UNDERGROUND REFRIGERANT PIPING DETAIL

SCALE: NONE



UNIT MOUNTING CHART BASED ON WIND SPEED IN MPH
(3SECOND GUST) (GROUND MOUNTING ONLY)

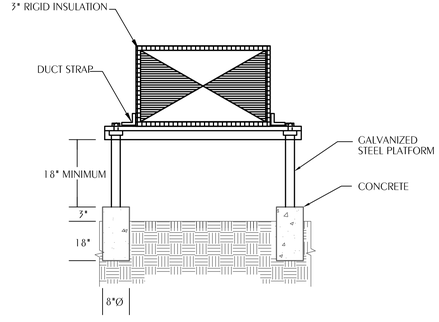


DESIGN CRITERIA:

CODE:	ASCE 7-05
VELOCITY:	SEE BELOW
Kz:	0.70
Kzt:	1.00
Kd:	0.85
IMPORTANCE:	1.15
EXPOSURE:	B
G:	1.3
GE:	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
Pdesign:	
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

4 M-2.2 OUTDOOR MECHANICAL UNIT MOUNTING DETAIL

SCALE: NONE



NOTE:
PROVIDE SUPPORT AT INTERVALS REQUIRED BY THE FLORIDA BUILDING CODE.

PROVIDE HOT-DIPPED GALVANIZED STEEL FASTENERS, ANCHORS, RODS, STRAPS, TRIM, AND ANGLES FOR SUPPORT OF DUCTWORK.

PROVIDE 3" THICK RIGID INSULATION FOR DUCT. INSULATION SHALL BE ASTM C612, CLASS 1, 3PCF WITH UL RATED FSK. PITCH SURFACE OF INSULATION TO DRAIN BY INSTALLING 6" WIDE INSULATION BOARD DOWN CENTER OF DUCT PRIOR TO APPLYING INSULATION. PROVIDE 0.016" SMOOTH ALUMINUM JACKET WITH SEAMS POSITIONED TO SHED WATER. SEAL WATERTIGHT.

5 M-2.2 EXTERIOR DUCT SUPPORT DETAIL

SCALE: NONE

REVIEW DOCUMENTS

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SHEET TITLE: HVAC DETAILS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: AUG. 11, 2023
DRAWN BY: ISL
CHECKED BY: KAJ

SHEET No.
M-2.2

WATER BASED SPRINKLER SYSTEM REQUIREMENTS

1. THE POINT OF SERVICE AND BACKFLOW PREVENTER ARE SHOWN FOR REFERENCE ONLY. REFER TO THE CIVIL SITE UTILITY PLAN FOR FURTHER INFORMATION.
2. THE BUILDING SHALL BE FULLY SPRINKLED IN ACCORDANCE WITH THE 2013 EDITION OF NFPA 13 AND LOCAL CODES.
3. REFER TO PLAN SHEETS AND HAZARD CLASSIFICATION LEGEND FOR HAZARD CLASSIFICATION OF EACH ROOM OR AREA.
4. THE NEW SYSTEMS SHALL SHALL BE HYDRAULICALLY CALCULATED IN ACCORDANCE WITH NFPA 13.

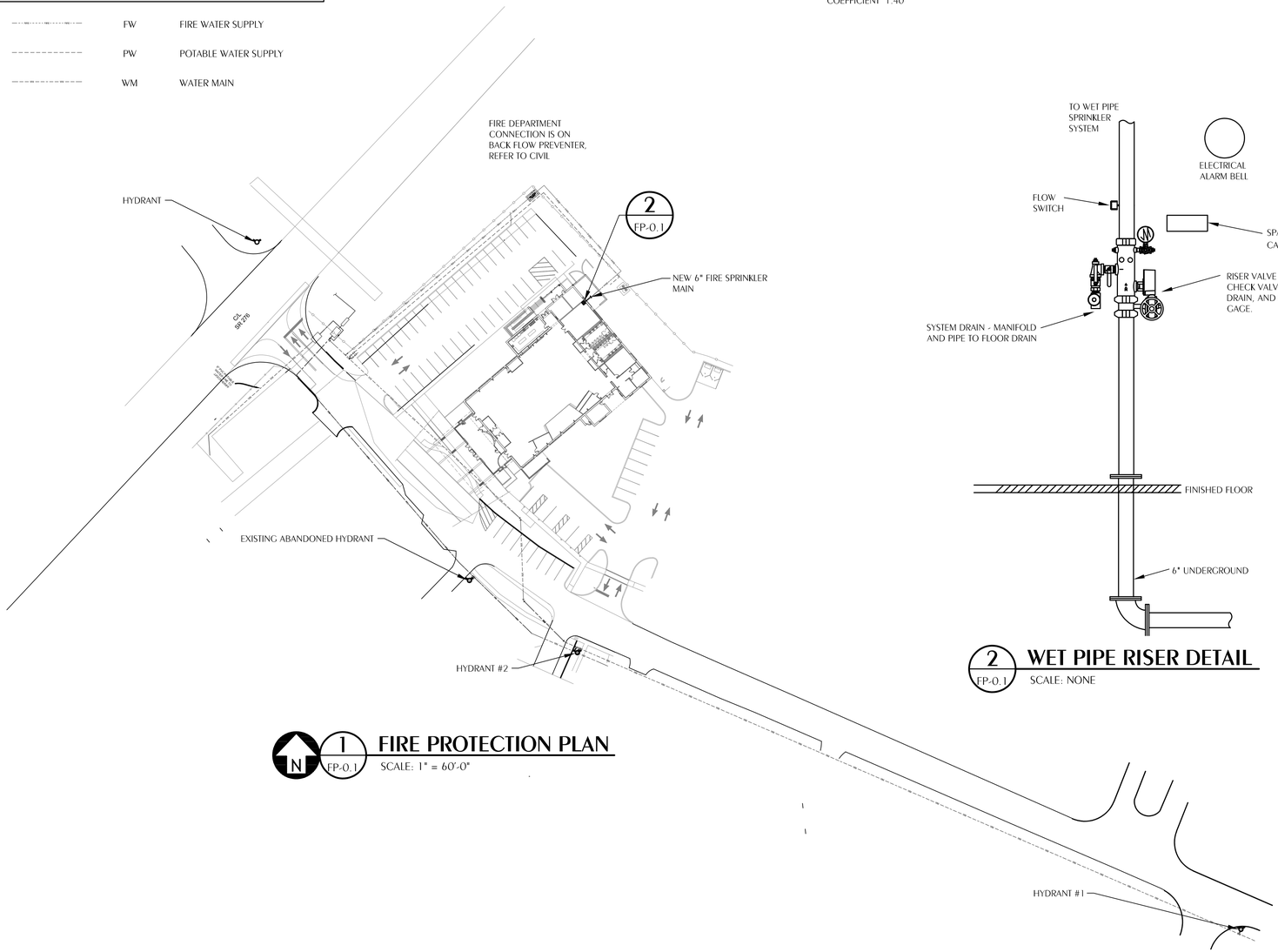
   LIGHT HAZARD: 0.10 GPM/SF, MAX 225 SF PER HEAD, 15 FT MAX NOMINAL SPACING; ORDINARY TEMPERATURE RATING HEADS.
   ORDINARY HAZARD GROUP 1: 0.15 GPM/SF, MAX 130 SF PER HEAD, 15 FT MAX NOMINAL SPACING; INTERMEDIATE TEMPERATURE RATING HEADS.
   ORDINARY HAZARD GROUP 2: 0.20 GPM/SF, MAX 130 SF PER HEAD, 15 FT MAX NOMINAL SPACING; INTERMEDIATE TEMPERATURE RATING HEADS.

   FOR ADDITIONAL REQUIREMENTS, REFER TO DESIGN CRITERIA NOTES ON THIS SHEET.

5. THE POINT OF SERVICE CONNECTION IS A CIRCULATING MAIN.
6. REFER TO DESIGN CRITERIA NOTES ON THIS SHEET FOR FLOW TEST DATA.
7. REFER TO WET PIPE RISER DETAIL FOR VALVE AND SUPERVISION REQUIREMENTS.
8. MICROBIAL INDUCED CORROSION IS NOT ANTICIPATED IN THIS PROJECT.
9. REFER TO CIVIL SITE UTILITY DRAWINGS FOR BACKFLOW PREVENTER. MAXIMUM DESIGN PRESSURE DROP SHALL NOT EXCEED 3.5 PSI.
10. REFER TO DIVISION 21 SPECIFICATIONS FOR QUALITY AND PERFORMANCE SPECIFICATIONS OF ALL FIRE PROTECTION COMPONENTS.
11. NO FIRE PUMP IS REQUIRED.
12. NO ON SITE FIREWATER STORAGE TANK IS REQUIRED.

LEGEND

——FW——	FW	FIRE WATER SUPPLY
——PW——	PW	POTABLE WATER SUPPLY
——WM——	WM	WATER MAIN



N 1 FP-0.1 **FIRE PROTECTION PLAN**
SCALE: 1" = 60'-0"

DESIGN CRITERIA

THE NEW FACILITY SHALL BE PROTECTED BY A WET PIPE SPRINKLER SYSTEM. INCLUDE A DOMESTIC WATER DEMAND OF 90 GPM ON THE MAIN SERVING THE SITE FIRE AND DOMESTIC WATER SYSTEMS. THE WET PIPE SYSTEM SHALL BE HYDRAULICALLY DESIGNED WITH AN OUTSIDE HOSE STREAM ALLOWANCE AS NOTED ON EACH SYSTEM ENGINEERING SUMMARY AND DENSITY VALUES AS FOLLOWS:

LIGHT HAZARD = 0.10 GPM/SF WITH A MAXIMUM OF 225 SF COVERAGE PER SPRINKLER

ORDINARY HAZARD GROUP 1 = 0.15 GPM/SF WITH A MAXIMUM OF 130 SF COVERAGE PER SPRINKLER

ORDINARY HAZARD GROUP 2 = 0.20 GPM/SF WITH A MAXIMUM OF 130 SF COVERAGE PER SPRINKLER

THE SPRINKLER DESIGN SHALL BE BASED ON THE MOST HYDRAULICALLY DEMANDING 1500 SF. THE CONTRACTOR IS ALLOWED TO REDUCE THE DESIGN AREA BASED ON THE USE OF QUICK RESPONSE SPRINKLERS AND CEILING HEIGHT IN ACCORDANCE WITH NFPA 13.

THE DESIGN OF THE SPRINKLER SYSTEM SHALL BE BASED UPON WATER SUPPLY INFORMATION OBTAINED BY THE SPRINKLER CONTRACTOR AND WITNESSED BY THE AUTHORITY HAVING JURISDICTION. WATER SUPPLY SHALL BE PRESUMED AVAILABLE AT THE POINT OF CONNECTION OF THE FIRE MAIN TO THE WATER SUPPLY SYSTEM. THE FOLLOWING FLOW TEST DATA WAS OBTAINED BY THE ENGINEER ON JULY 7, 2023, PROVIDED BY SEAGO FIRE PROTECTION, LLC.

HYDRANT #1:

STATIC =58 PSI

RESIDUAL = 52 PSI

HYDRANT #2:

FLOWING 916 GPM

COEFFICIENT 1.40"

2 FP-0.1 **WET PIPE RISER DETAIL**
SCALE: NONE

GENERAL NOTES

1. IT IS NOTED THAT SOME AREAS WILL BE REQUIRED TO BE PROTECTED AS ORDINARY HAZARD (MECHANICAL ROOMS, ETC.) THESE AREAS HAVE BEEN IDENTIFIED BY A DIFFERENT HATCHING PATTERN THEN THE LIGHT HAZARD AREAS ON THE PLANS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN CURRENT WATER FLOW DATA AND DESIGN SPRINKLER SYSTEMS ACCORDINGLY. SHALL OBTAIN CURRENT WATER FLOW DATA AND DESIGN MODIFICATIONS ACCORDINGLY.
3. MAINTAIN THE INTEGRITY OF ALL FIRE RATED ASSEMBLIES AND ACOUSTICAL ASSEMBLIES.
4. CONTRACTOR SHALL COORDINATE SYSTEM DESIGN WITH ALL OTHER TRADES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING INSPECTOR'S TEST LOCATIONS IN ACCORDANCE WITH NFPA 13 AND THE AUTHORITY HAVING JURISDICTION.
6. ALL PIPING SHALL OBSERVE PROPER PITCH. PROVIDE DRAINS FOR LOW POINTS.
7. THE SPRINKLER SYSTEM SHALL BE ARRANGED FOR FLUSHING. READILY REMOVABLE FITTINGS SHALL BE PROVIDED AT THE END OF ALL CROSSMAINS.
8. PIPE HANGERS SHALL BE INSTALLED AS REQUIRED BY NFPA 13 FOR SUPPORTING SPRINKLER PIPING. NO OTHER PIPING OR DEVICES SHALL BE ATTACHED TO THE SPRINKLER HANGER SYSTEM UNLESS THE HANGER HAS BEEN DESIGNED TO CARRY THE ADDITIONAL LOAD.
9. THIS CONTRACT DOES NOT INCLUDE ANY MATERIAL OR DEVICE TO IMPROVE THE STRUCTURAL STRENGTH OF THE BUILDING TO ENABLE IT TO CARRY THE LOAD OF THE FIRE PROTECTION SYSTEM.
10. ALL UNDERGROUND PIPING SHALL BE DUCTILE IRON WITH FITTINGS AND JOINTS PER NFPA 13. TEFLON TAPE SHALL BE ADDED TO ALL MALE THREADS OF PIPE AS A JOINING COMPOUND.
11. ALL ABOVE GROUND WET SPRINKLER PIPE THAT IS THREADED SHALL BE SCHEDULE 40 BLACK WITH BLACK CAST/MALEABLE IRON FITTINGS WITH JOINTS PER NFPA 13. TEFLON TAPE SHALL BE ADDED TO ALL MALE THREADS OF PIPE AS A JOINING COMPOUND. CPVC PIPING IS NOT ACCEPTABLE.
12. ALL ABOVE GROUND WET SYSTEM SPRINKLER PIPE THAT IS WELDED OR ROLL-GROOVED SHALL BE SCHEDULE 10 BLACK WITH BLACK CAST/MALEBLE IRON FITTINGS WITH JOINTS PER NFPA 13. CPVC PIPING IS NOT ACCEPTABLE.
13. TRENCHING SHALL BE PERFORMED BY HAND WHERE THERE IS THE POSSIBILITY OF ENCOUNTERING OBSTACLES OR EXISTING UTILITY LINES. WHERE CLEAR AND UNOBSTRUCTED AREAS ARE TO BE EXCAVATED, APPROPRIATE MACHINE EXCAVATION METHODS MAY BE EMPLOYED. PROVIDE PROPER BACKFILL AS REQUIRED PER SPECIFICATIONS.
14. INSTALL SPRINKLER HEADS CENTER OF TILE IN ACOUSTICAL CEILINGS. HEAD LOCATIONS SHALL BE GUIDED BY ARCHITECTURAL ELEMENTS FOR OTHER CEILING TYPES.
15. DO NOT LOCATE INSPECTORS TEST LOCATIONS OR DRAINS IN FINISHED SPACES. INDICATE ALL LOCATIONS OF EXPOSED PIPING ON SHOP DRAWINGS.
16. SITE PIPING BEYOND 5'-0" OUTSIDE OF BUILDING SHOWN FOR REFERENCE ONLY. REFER TO CIVIL SITE UTILITY PLANS FOR BACK FLOW PREVENTER WITH FIRE DEPARTMENT CONNECTION AND HYDRANT LOCATIONS.
17. FLEXIBLE CONNECTIONS TO SPRINKLER HEADS ARE NOT ALLOWED.

SYSTEM ENGINEERING SUMMARY

AREA SERVICED	15850 SF
HYDRAULICALLY MOST REMOTE AREA	1500 SF
HAZARD CLASSIFICATION OF REMOTE AREA	LIGHT HAZARD
SYSTEM DESIGN FLOW RATE (INDOOR)	195 GPM
OUTSIDE HOSE STREAM DEMAND	100 GPM
TOTAL WATER DEMAND	295 GPM
WATER PRESSURE DATA	
END HEAD PRESSURE	7.0 PSI
ELEVATION LOSS	11.26 PSI
OUTSIDE FRICTION LOSS	4.77 PSI
BACK FLOW PREVENTOR	5 PSI
SAFETY FACTOR	10 PSI
AVAILABLE INSIDE FRICTION LOSS	20 PSI

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SHEET TITLE: FIRE PROTECTION SITE PLAN

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
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DRAWN BY: TLC
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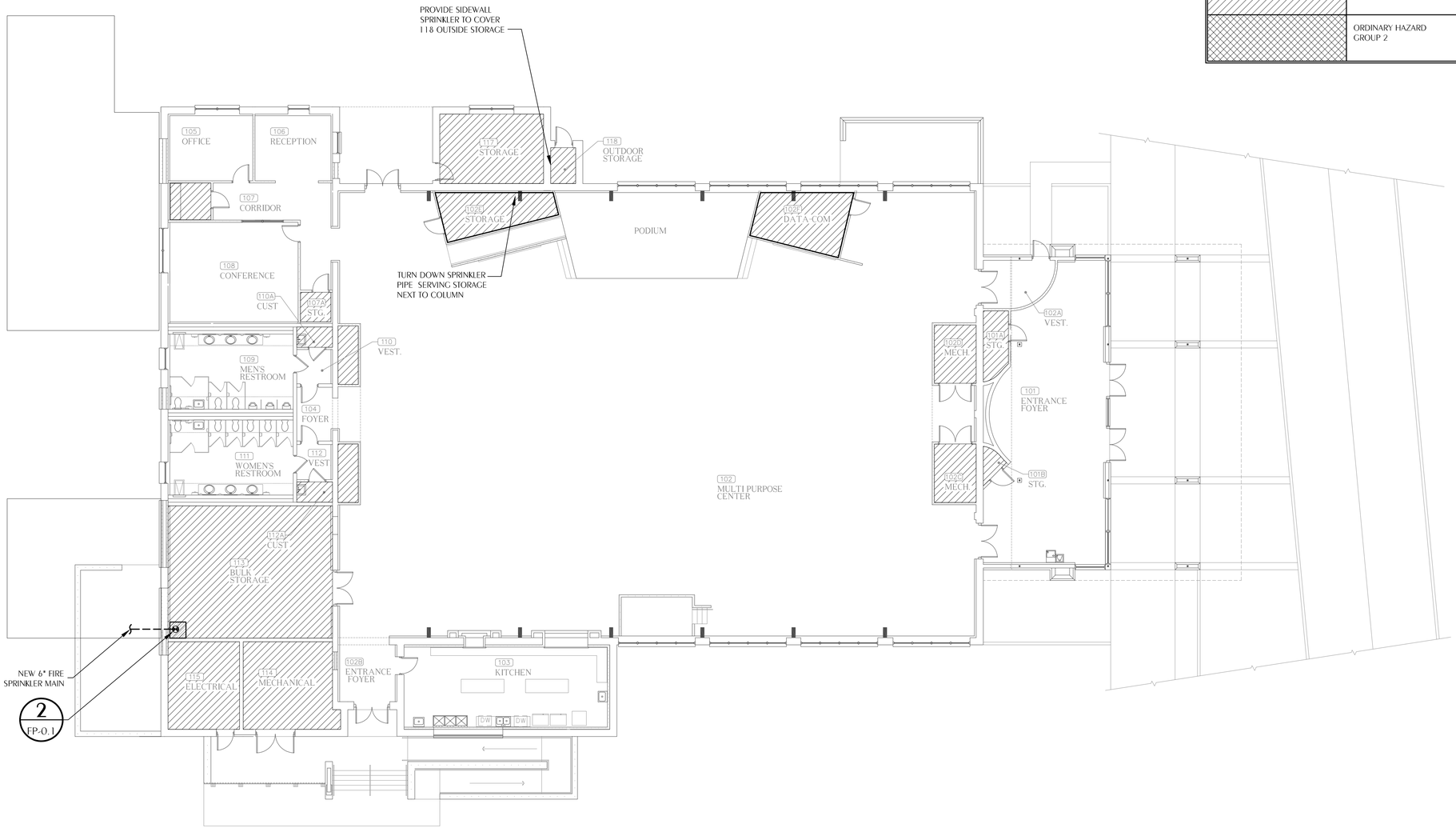
SHEET No.
FP-0.1

GENERAL NOTES

1. BECAUSE OF EXTREMELY TIGHT CLEARANCE IN THE CEILING SPACE, CAREFUL COORDINATION WITH ALL TRADES MUST BE DOCUMENTED WITH SHOP DRAWINGS.
2. REFER TO CIVIL FOR FIRE DEPARTMENT CONNECTION ON BACKFLOW PREVENTOR.
3. SPRINKLER HEADS IN THE EXTERIOR STORAGE ROOMS SHALL BE FREEZEPROOF SIDEWALL HEADS.

HAZARD CLASSIFICATION

	LIGHT HAZARD
	ORDINARY HAZARD GROUP 1
	ORDINARY HAZARD GROUP 2



FIRE DEPARTMENT CONNECTION IS ON BACK FLOW PREVENTER, REFER TO CIVIL

1 FIRE PROTECTION PLAN

FP-1.1

SCALE: 3/32" = 1'-0"

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SHEET TITLE: FIRE PROTECTION PLAN

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY BOARD OF COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
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DRAWN BY: TLC
CHECKED BY: KAJ

SHEET No.
FP-1.1

ELECTRICAL LEGEND

ABBREVIATIONS		
1P	–	ONE POLE
2P	–	TWO POLE
3P	–	THREE POLE
4P	–	FOUR POLE
A	–	AMPERE
AC	–	ALTERNATING CURRENT
AFF	–	ABOVE FINISHED FLOOR
AFG	–	ABOVE FINISHED GRADE
AHU	–	AIR HANDLING UNIT
AIC	–	AMPERE INTERRUPTING CAPACITY
AL	–	ALUMINUM
ARCH	–	ARCHITECT
AWG	–	AMERICAN WIRE GAUGE
BLDG	–	BUILDING
C	–	CONDUIT
CB	–	CIRCUIT BREAKER
CKT	–	CIRCUIT
CP	–	CIRCULATION PUMP
CT	–	CURRENT TRANSFORMER
CU	–	COPPER
DC	–	DIRECT CURRENT
DISC	–	DISCONNECT
DN	–	DOWN
DWG	–	DRAWING
EC	–	ELECTRICAL CONTRACTOR
ECB	–	ENCLOSED CIRCUIT BREAKER
EF	–	EXHAUST FAN
ELEC	–	ELECTRICAL
EUH	–	ELECTRIC UNIT HEATER
EWH	–	ELECTRIC WATER HEATER
EWC	–	ELECTRIC WATER COOLER
FA	–	FIRE ALARM
FLA	–	FULL LOAD AMPS
FLEX	–	FLEXIBLE
FURN	–	FURNITURE, FURNISHED
GC	–	GENERAL CONTRACTOR
GFCI	–	GROUND FAULT CIRCUIT INTERRUPTER
GND	–	GROUNDED
HP	–	HORSEPOWER, HEAT PUMP
HVAC	–	HEATING, VENTILATING AND AIR CONDITIONING
HZ	–	HERTZ (CYCLE) PER SECOND
JB	–	JUNCTION BOX
KCMIL	–	THOUSAND CIRCULAR MILS
KVA	–	KILOVOLT AMPERE
KW	–	KILOWATT
LTG	–	LIGHTING
LV	–	LOW VOLTAGE
LSIG	–	LONG TIME, SHORT TIME, INSTANTANEOUS, AND GROUND TRIP UNITS
MCB	–	MAIN CIRCUIT BREAKER
MHP	–	MINI–SPLIT HEAT PUMP
MLO	–	MAIN LUGS ONLY
MTD	–	MOUNTED
MTG	–	MOUNTING
NEC	–	NATIONAL ELECTRICAL CODE
OAU	–	OUTSIDE AIR UNIT
ø	–	PHASE
PNL	–	PANELBOARD
PRI	–	PRIMARY
RTU	–	ROOFTOP UNIT
SEC	–	SECONDARY
SW	–	SWITCH
UG	–	UNDERGROUND
V	–	VOLT
W	–	WATT
WM	–	WALL MT. FAN COIL UNIT
XFMR	–	TRANSFORMER
+48"	–	MOUNTING HEIGHT IN INCHES TO CENTERLINE ABOVE FINISHED FLOOR OR GRADE. VALUE MAY VARY.

RECEPTACLE SYMBOLS			
FLR	CLG	WALL	
			DUPLEX RECEPTACLE, 125 V, 20 A; NEMA 5–20R; HUBBELL SERIES HBL5352
			QUAD – 2 DUPLEX RECEPTACLE, 125 V, 20 A; NEMA 5–20R; HUBBELL SERIES HBL5352
			DUPLEX GFCI RECEPTACLE, 125 V, 20 A; NEMA 5–20R; HUBBELL SERIES GF5362

RECEPTACLE DESIGNATIONS	
WP	LETTERS "WP" ADJACENT TO SYMBOL INDICATES WEATHER RESISTANT RECEPTACLE; PASS AND SEYMOUR WIUFC10S COVER/BOX.
XXX	LETTERS +XX" ADJACENT TO SYMBOL INDICATES RECEPTACLE MOUNTING HEIGHT. WHERE NO HEIGHT IS INDICATED MOUNT 18" AFF TO C/L. +AC" = ABOVE COUNTER. +DF" = VERIFY HEIGHT FOR DRINKING FOUNTAIN WITH CONTRACTOR +TV" = VERIFY HEIGHT OF TV WITH OWNER. +DW" = VERIFY HEIGHT FOR DISH WASHER WITH CONTRACTOR +REF" = VERIFY HEIGHT FOR REFRIGERATOR

POWER DISTRIBUTION SYMBOLS	
	SURFACE MOUNTED PANELBOARD; 120/208V; MT 72" AFF TO TOP
	NON–FUSED DISCONNECT SWITCH

POWER DISTRIBUTION DESIGNATIONS	
P1	LETTERS "P1" INDICATE PANEL LABEL; REFER TO ELECTRIC EQUIPMENT NAMEPLATE DETAIL FOR FULL NAMEPLATE REQUIREMENTS
30/3/1	SIZE NOTED AS "AMPERAGE/POLES/NEMA" (I.E. 30/3/1 SHALL INDICATE 30A, 3 POLE, NEMA 1)

NOTE REFERENCES	
	TYPICAL/NEW WORK KEYNOTE REFERENCE
	FEEDER NOTE REFERENCE

SPECIAL DEMOLITION NOTE

THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT INDICATED (FIXTURES & DEVICES) MAY VARY FROM DRAWING. EXISTING CONDITIONS AND DEMOLITION WORK WAS DETERMINED BY SITE OBSERVATION AND REVIEW OF EXISTING DOCUMENTS WITHOUT THE BENEFIT OF DESTRUCTIVE INVESTIGATION. VERIFY ACTUAL LOCATIONS, TYPES, AND QUANTITIES OF EQUIPMENT AND APPLY DEMOLITION NOTES AS APPROPRIATE FOR THE EQUIPMENT AND ROOM OR AREA.

LIGHT FIXTURE SYMBOLS	
	LED 2' x 2' FIXTURE; ARROW INDICATES DIFFUSER/LENS DIRECTION (PARALLEL TO ARROW); MOUNTING TYPE DEFINED ON LIGHTING FIXTURE SCHEDULE;
	LED 2' x 4' FIXTURE; MOUNTING TYPE DEFINED ON LIGHTING FIXTURE SCHEDULE
	LED 1' x 4' FIXTURE; MOUNTING TYPE DEFINED ON LIGHTING FIXTURE SCHEDULE
	LED LINEAR FIXTURE; MOUNTING TYPE DEFINED ON LIGHTING FIXTURE SCHEDULE
	LED WALL MOUNTED FIXTURE
	TWIN HEAD EMERGENCY BATTERY UNIT
	LED CAN/CYLINDER FIXTURE; MOUNTING TYPE DEFINED ON LIGHTING FIXTURE SCHEDULE
	WALL MOUNTED EXIT SIGN; SHADED REGION INDICATES FACE; ARROWS INDICATE DIRECTIONAL ARROW ORIENTATION ON FACE
	LED WALL PACK FIXTURE

LIGHT FIXTURE DESIGNATIONS	
XXX	SHADED CENTER REPRESENTS FIXTURE FOR EMERGENCY LIGHTING; LETTERS 'XXX' NEXT TO FIXTURE INDICATE FIXTURE DESIGNATION ON LIGHTING FIXTURE SCHEDULE

RACEWAY SYMBOLS			
FLR	CLG	WALL	
			JUNCTION BOX
			CONDUIT CAP
			CONDUIT TURNED UP
			CONDUIT TURNED DOWN
			RACEWAY INSTALLED CONCEALED IN WALLS/ABOVE CEILING
			RACEWAY INSTALLED CONCEALED BELOW GRADE/SLAB/FLOOR
			RACEWAY INSTALLED EXPOSED
			FLEXIBLE CONDUIT CONNECTION
			FLEXIBLE CONDUIT CONNECTION; STUBBED UP FROM FLOOR OR UNDERGROUND

RACEWAY DESIGNATIONS	
	TICK MARKS REPRESENT WIRE COUNT. EACH TICK MARK REPRESENTS ONE(1) PHASE CONDUCTOR AND/OR GROUNDED (NEUTRAL) CONDUCTOR. DOTTED TICK MARK REPRESENTS EQUIPMENT GROUNDING CONDUCTOR. UNLESS NOTED OTHERWISE, NO MARKS INDICATES TWO NO. 12 CONDUCTORS AND ONE NO. 12 GREEN GROUND CONDUCTOR IN 3/4"" CONDUIT.
PNL–##	RACEWAY WITH ARROW INDICATES HOMERUN TO PANEL. "PNL–##" INDICATES PANEL AND SPACE NUMBER FOR CIRCUIT.

CONTROL DEVICE SYMBOLS	
S	WALL SWITCH; 120/277V; 20A; 1 POLE; A.C. ONLY; MT 48" AFF TO C/L; HUBBELL SERIES HBL1221
S2	WALL SWITCH; 120/277V; 20A; 2 POLE; A.C. ONLY; MT 48" AFF TO C/L; HUBBELL SERIES HBL1223
SM	WALL SWITCH; 120/277V; 20A; OCCUPANCY SENSOR DUAL TECHNOLOGY MULTI–WAY TYPE; MT 48" AFF TO C/L; REFER TO SPECS
Sx	LOW VOLTAGE WALL SWITCH; MT 48" AFF TO C/L; REFER TO SPECS; "x" REPRESENTS BUTTON COUNT; SEE LIGHTING CONTROL DETAILS NON–NETWORKED SWITCH DESCRIPTION
RC	ROOM CONTROLLER; MOUNT ABOVE CEILING; REFER TO LIGHTING CONTROL DETAILS
	LOW VOLTAGE VACANCY SENSOR; MODE AS INDICATED (V = VACANCY SENSE, O = OCCUPANCY SENSE); REFER TO LIGHTING CONTROL DETAILS; CEILING MOUNTED
	LOW VOLTAGE OCCUPANCY SENSOR; MODE AS INDICATED (V = VACANCY SENSE, O = OCCUPANCY SENSE); REFER TO LIGHTING CONTROL DETAILS; CEILING MOUNTED
	PHOTOCELL; REFER TO LIGHTING CONTROL DETAILS

CONTROL DEVICE DESIGNATIONS	
SWP	"WP" INDICATES WEATHERPROOF DEVICE. WEATHER PROOF ENCLOSURE EQUAL TO PASS AND SEYMOUR. REFER TO SPECS.

FIRE ALARM SYMBOLS	
	FIRE ALARM SYSTEM MANUAL PULL STATION; MT 48" AFF TO C/L
	FIRE ALARM SYSTEM SIGNAL SPEAKER/STROBE; MT 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 AUTOMATIC AIR DUCT SMOKE DETECTOR
	FIRE SPRINKLER SYSTEM FLOW/TAMPER SWITCH

FIRE ALARM DESIGNATIONS	
110	FOR ALL STROBE DEVICES: '110' INDICATES CANDELA RATING, NO NUMBER INDICATES 75 CANDELA MINIMUM
WP	"WP" INDICATES WEATHERPROOF DEVICE

ELECTRICAL GENERAL NOTES

A. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.

B. RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.

C. VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGHING–IN WALL FOR SWITCHES.

D. LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES, ETC. FOR MECHANICAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL MECHANICAL EQUIPMENT LOCATION TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.

E. FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.

F. ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT AHEAD OF LOCAL SWITCH.

G. ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, ETC SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.

H. PROVIDE GREEN GROUND CONDUCTOR IN ALL CIRCUITS – SIZE PER N.E.C.

I. ALL EXPOSED CONDUITS, BOXES, STRAPS AND HANGERS IN THE CONTRACT AREA WHETHER NEW OR EXISTING THAT ARE PART OF THE ELECTRICAL SYSTEM SHALL BE PAINTED TO MATCH ADJACENT FINISH.

J. PROVIDE CONCRETE MARKER AT END OF ALL CONDUITS STUBBED OUT OF BUILDING FOR FUTURE USE. MARKER SHALL BE 6" DIA X 18" HIGH WITH 2" ABOVE FINISHED GRADE. INSCRIBE IN TOP OF MARKER "E" FOR ELECTRICAL,"T" FOR TELEPHONE,"V" FOR TV CABLE,"F" FOR FIRE ALARM, AND "IC" FOR INTERCOM.

K. 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.

L. THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE MECHANICAL 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.

M. FIRE ALARM LOW VOLTAGE SOURCE AND BATTERY STANDBY SHALL ENERGIZE ALL ITEMS IN FIRE ALARM SYSTEM THAT REQUIRE POWER.

N. VERIFY EXACT LOCATION OF ALL FLOOR OUTLETS WITH THE ARCHITECT PRIOR TO ROUGHING–IN.

O. FINAL CONNECTION TO ALL DRY TYPE TRANSFORMERS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION

P. THE ELECTRICAL CONTRACTOR SHALL PROVIDE FAULT CURRENT CALCULATIONS FOR THE SERVICE EQUIPMENT AND SHALL MARK THE EQUIPMENT WITH THE AVAILABLE FAULT CURRENT AND DATE OF THE CALCULATION PER NEC 110.24. REFER TO TYPICAL SERVICE EQUIPMENT FAULT CURRENT LABEL DETAIL.

Q. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ARC FAULT LABELS PER NFPA 70E ARTICLE 110.16 FOR NEW EQUIPMENT. THE OWNER SHALL PROVIDE AVAILABLE CALCULATION DATA FOR THE EXISTING EQUIPMENT IN THE ELECTRICAL SYSTEM. REFER TO TYPICAL ARC FLASH HAZARD LABEL DETAIL.

R. PROVIDE NEUTRAL AT ALL LINE VOLTAGE SWITCH LOCATIONS PER N.E.C. 404.2(C).

S. PROVIDE 'LSI' TRIP UNITS FOR ALL BREAKERS GREATER THAN OR EQUAL TO 200A.

T. PROVIDE BUSHINGS ON ALL CONDUIT.

ELECTRICAL DEMOLITION NOTES

1. PLANNED INTERRUPTIONS OF UTILITY SERVICE TO ANY FACILITY OR AREAS WITHIN ANY FACILITY AFFECTED BY THIS CONTRACT, SHALL BE CAREFULLY PLANNED AND COORDINATED WITH THE FACILITY PERONNEL IN ADVANCE OF THE REQUESTED INTERRUPTION. THE CONTRACTOR SHALL NOT INTERRUPT SERVICES UNTIL SPECIFIED APPROVAL HAS BEEN GRANTED. THE REQUEST SHALL INDICATE SERVICES AND AREAS TO BE AFFECTED, DATE AND TIME OF INTERRUPTION AND DURATION OF OUTAGE. REQUEST FOR INTERRUPTION OF SERVICE WILL NOT BE APPROVED UNTIL ALL EQUIPMENT AND MATERIAL REQUIRED FOR THE COMPLETION OF THAT PARTICULAR PHASE OF WORK ARE ON THE JOB SITE.

2. ALL DEMOLITION WORK REQUIRED SHALL BE PERFORMED WITH CARE SO AS NOT TO INTERRUPT OTHER EXISTING SERVICES (WATER, GAS, ELECTRICAL, SEWER, SPRINKLERS, ETC.). IF ACCIDENTAL UTILITY INTERRUPTION, DAMAGE, ETC., RESULTS FROM WORK PERFORMED BY THE CONTRACTOR, THE AFFECTED UTILITY OR SERVICE SHALL BE RETURNED TO ITS ORIGINAL CONDITION WITHOUT DELAY, BY AND AT THE EXPENSE OF THE CONTRACTOR, USING SKILLED WORKMEN OF THE TRADE INVOLVED.

3. REMOVE ALL OUTLETS, PULL BOXES, JUNCTION BOXES, ETC., AS REQUIRED TO COMPLETELY REMOVE THE ELECTRICAL ITEMS SHOWN FOR DEMOLITION UNLESS NOTED TO REMAIN. DISCONNECT AND REMOVE ALL ELECTRICAL PROVISIONS TO EQUIPMENT BEING REMOVED.

4. REMOVE ALL WIRING, CONDUIT, RACEWAYS, OUTLET BOXES, SUPPORTING APPARATUS ETC., AS REQUIRED.

5. SYMBOLS SHOWN ARE TYPICAL AND LOCATIONS ARE APPROXIMATE AND ARE NOT INTENDED TO LIMIT THE AMOUNT OF DEMOLITION. COORDINATE WITH EXISTING CONDITIONS AND THESE NOTES AND REMOVE ALL APPLICABLE SYSTEMS AND COMPONENTS CONFLICTING WITH FINISHED DESIGN INTENT.

6. EXISTING BRANCH WIRING SHOWN IS DIAGRAMMATICAL ONLY AND IS BASED UPON EXISTING AS–BUILT DRAWINGS AND SURVEYS. COORDINATE WITH ACTUAL EXISTING CONDITIONS FOR NUMBER OF CONDUCTORS PER CONDUIT AND EXACT LOCATIONS OF CONDUIT RUNS AND EQUIPMENT.

7. ALL FEEDERS, SYSTEMS, CONTROL WIRING, MISCELLANEOUS AUXILIARY SYSTEMS, ETC., PASSING THROUGH THE AREA OF WORK SHALL BE MAINTAINED AT ALL TIMES, REMAIN IN SERVICE, CONTINUOUS AND UNINTERRUPTED. ANY DAMAGE, DISRUPTION OR DISCONNECTION SHALL BE IMMEDIATELY REPAIRED, REPLACED AND/OR REROUTED AS REQUIRED TO MAINTAIN CONTINUITY OF SYSTEMS. ANY EXISTING SERVICE OR OPERATING SYSTEM WHICH MUST BE INTERRUPTED SHALL BE SUPPLIED WITH A TEMPORARY SERVICE FOR CONTINUATION OF THE NORMAL OPERATIONS OF THE FACILITY.

8. ANY EQUIPMENT THAT REQUIRES REMOVAL FROM EXISTING LOCATION FOR RE–USE OR TO BE RETURNED TO OWNER SHALL BE INSPECTED AND TESTED TO CONFIRM EQUIPMENT OPERATES AS INTENDED. OWNER SHALL BE NOTIFIED OF ANY EQUIPMENT THAT DOES NOT OPERATE AS INTENDED BEFORE REMOVAL.

9. CONCEALED CONDUIT THAT CANNOT BE REMOVED DUE TO INACCESSIBILITY MAY BE ABANDONED. CONDUCTORS SHALL BE REMOVED AND CONDUIT CUT FLUSH WITH SURFACE.

10. OUTLET BOXES THAT CANNOT BE REMOVED DUE TO FLUSH MOUNTING IN PARTITIONS SHALL BE FILLED WITH GROUT, PATCHED AND FINISHED FLUSH TO MATCH EXISTING WALL CONDITIONS.

11. IN GENERAL, THE WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
    a. PROVIDE ALL DEMOLITION AS REQUIRED OF EXISTING SYSTEMS REMOVING ALL ITEMS THAT CONFLICT WITH FINISHED DESIGN INTENT AS INDICATED ABOVE.
    b. MODIFY, REPLACE, REPAIR, REVISE ETC., EXISTING SYSTEMS AND/OR EQUIPMENT.
    c. EXTEND EXISTING SYSTEMS AS REQUIRED TO FUNCTION AS SPECIFIED AND IN ACCORDANCE WITH SYSTEM REQUIREMENTS.
    d. NEW SYSTEM COMPONENTS SHALL MATCH EXISTING SYSTEMS PROVISIONS AND BE COMPLETELY COMPATIBLE AND IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. WHEN REQUIRED, APPROVAL FROM A SYSTEM MANUFACTURER SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO INSTALLING ANY NEW EQUIPMENT OR DEVICES TO AN EXISTING SYSTEM.
    e. ALL EQUIPMENT, DEVICES, OUTLETS, COMPONENTS, ETC., TO BE REUSED SHALL BE CLEANED, REPAIRED AND PLACED IN OPERATING CONDITION. LUMINARIES NOTED TO BE REUSED SHALL BE CLEANED, REPAIRED, PROVIDED WITH NEW LAMPS AND PLACED IN OPERATING CONDITION.
    f. EXISTING OUTLET BOXES MAY BE USED AS NOTED IF OF THE PROPER CONFIGURATION AND SIZE REQUIRED. MODIFICATIONS SHALL BE MADE WHEN REQUIRED SUCH AS PROVIDING EXTENSION RINGS, LOCKNUTS, BUSHINGS, ETC.
    g. EXISTING PANELBOARDS SHALL BE UTILIZED TO THE EXTENT SHOWN ON THE DRAWINGS AND MODIFIED AS REQUIRED TO FACILITATE THE NEW REQUIREMENTS AS INDICATED HEREIN OR SHOWN ON THE DRAWINGS. NEW CIRCUIT BREAKERS SHALL BE OF THE SAME MANUFACTURER, FRAME SIZE, SHORT CIRCUIT RATING AND TYPE AS EXISTING. WHERE APPLICABLE, THE CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ADDITIONAL MOUNTING HARDWARE AS REQUIRED BY THE MANUFACTURER.
    h. WHEN EXISTING DEVICES, SWITCHES, EQUIPMENT ETC., ARE NOTED TO BE REMOVED AND THE CIRCUIT(S) SERVING SUCH ITEMS SERVES OTHER ITEMS OR DEVICES WHICH ARE TO BE MAINTAINED, THE CONTRACTOR SHALL REROUTE, EXTEND, MODIFY, ETC., EXISTING CIRCUITS AS REQUIRED TO MAINTAIN COMPLETE AND OPERATING SYSTEMS.

DRAWING SHEET INDEX

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E5.1	FLOOR PLAN - NEW WORK - LIGHTING
E6.1	ELECTRICAL DETAILS
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E6.4	LIGHTING CONTROLS AND FIXTURE SCHEDULE
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T1.1	FLOOR PLAN - TELECOM
T2.1	TELECOM DATA RISER & DETAILS

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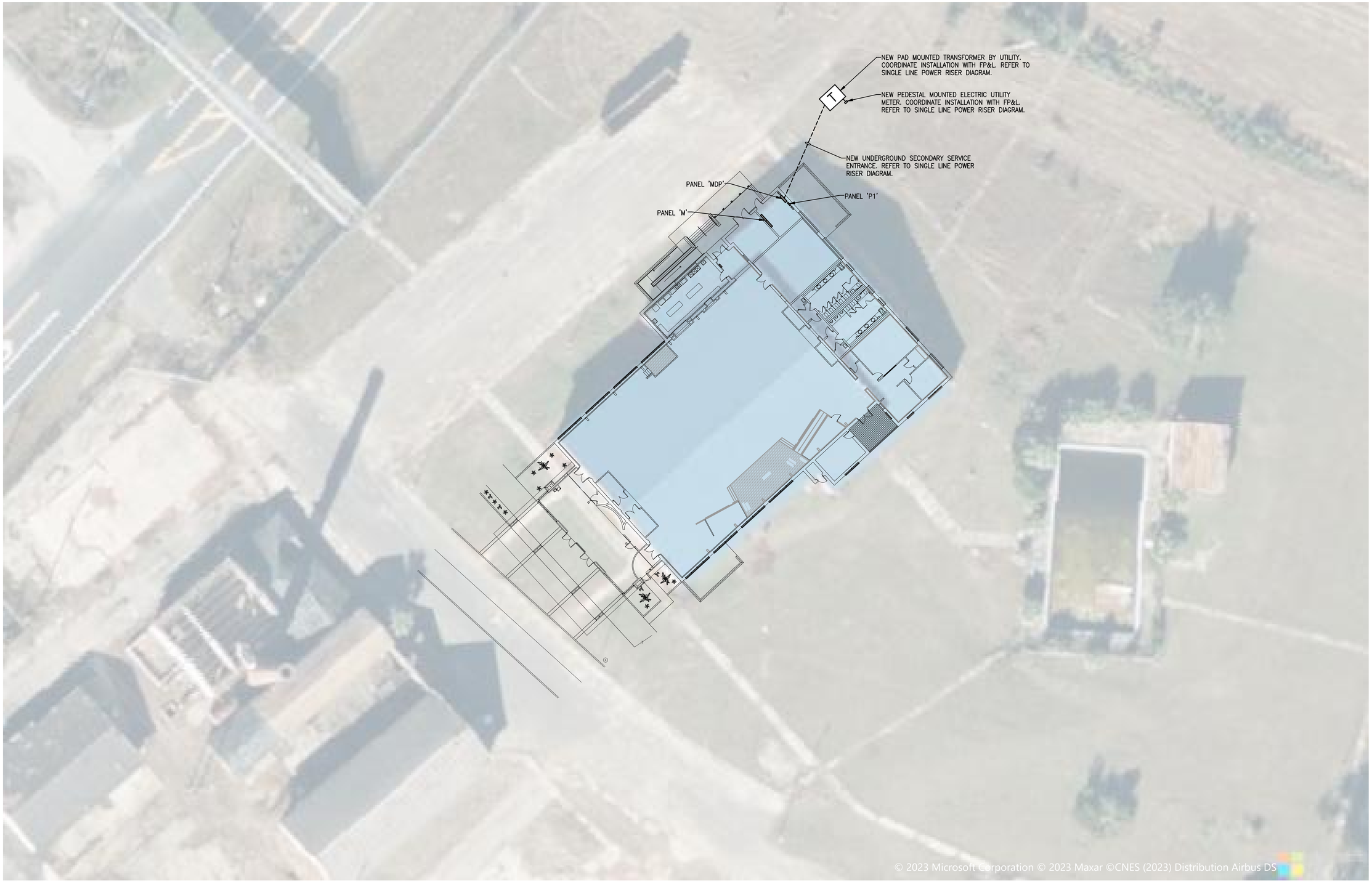
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SHEET TITLE: LEGEND AND NOTES

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M–2020–20
DATE: JUN 30 2023
DRAWN BY: K.S.
CHECKED BY: D.W.

SHEET No.
E0.1



N

SITE PLAN - ELECTRICAL

1" = 20'-0"

0 10' 20' 40'

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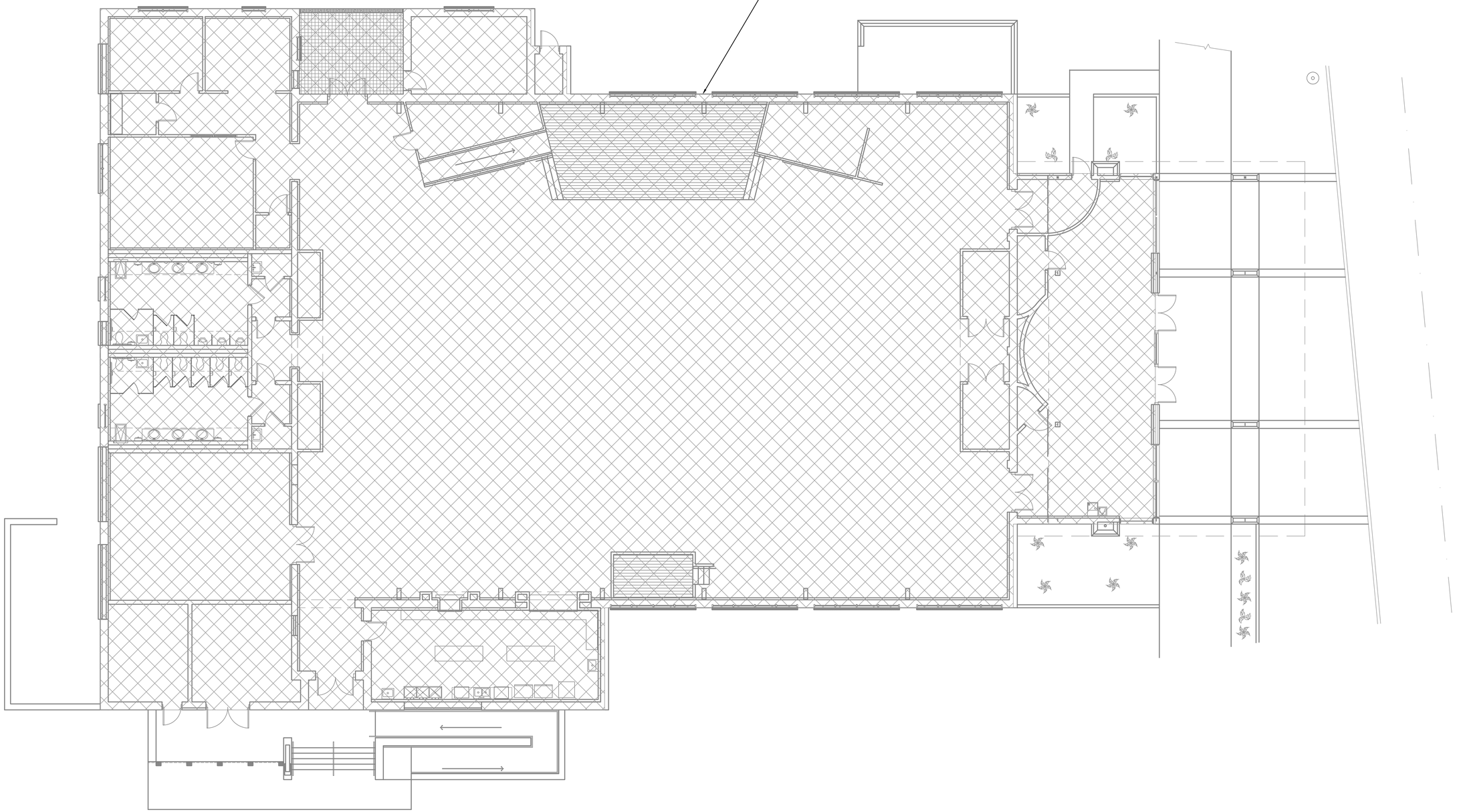
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E1.0

DEMOLISH ALL EXISTING ELECTRICAL, FIRE ALARM AND COMMUNICATIONS EQUIPMENT ON BUILDING INTERIOR AND EXTERIOR. (SHADED REGION)



FLOOR PLAN - DEMO - ELECTRICAL

1/8" = 1'-0" 0 6' 12' 24'

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SHEET TITLE: FLOOR PLAN – DEMO – ELECTRICAL

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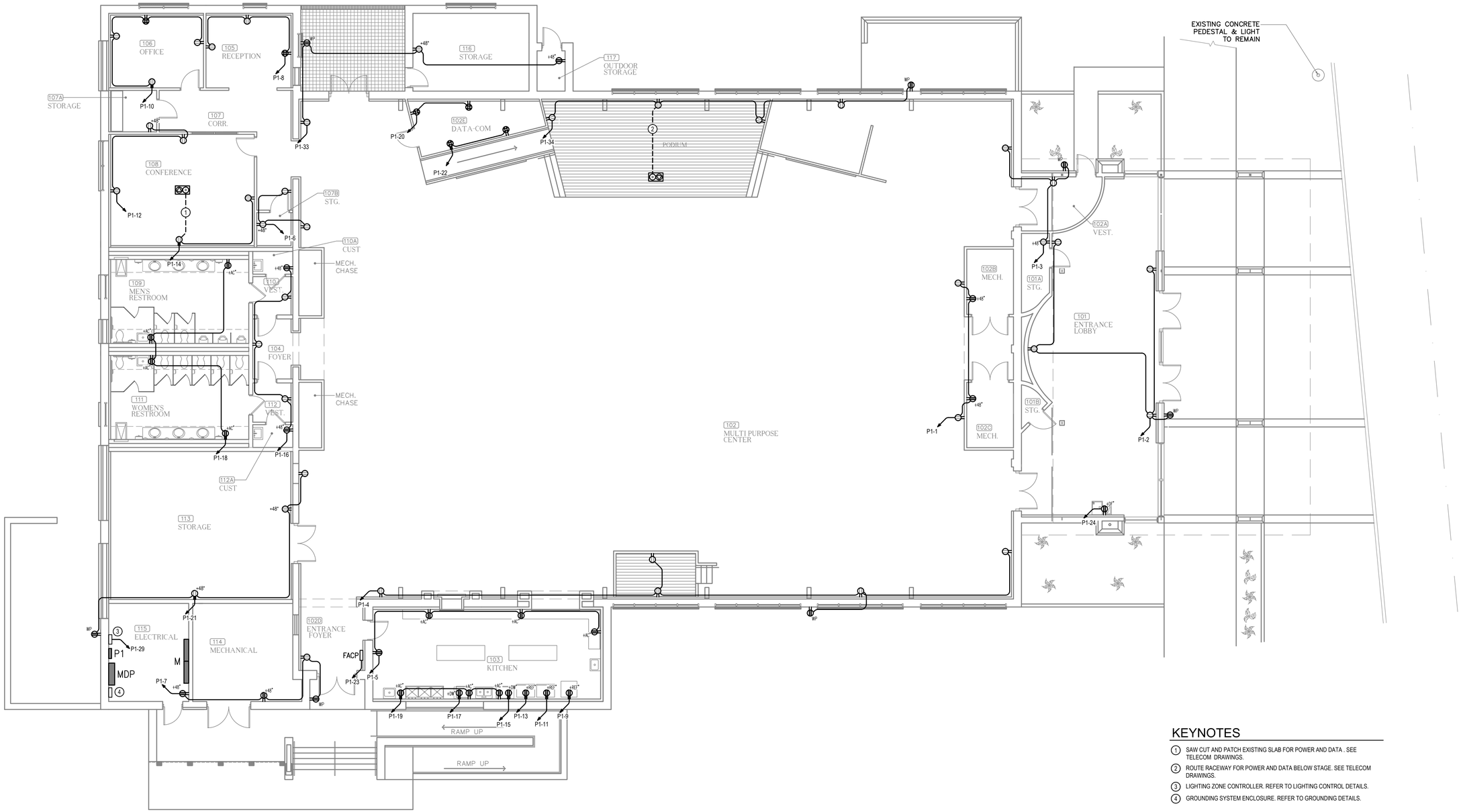
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KEYNOTES

1. SAW CUT AND PATCH EXISTING SLAB FOR POWER AND DATA . SEE TELECOM DRAWINGS.
2. ROUTE RACEWAY FOR POWER AND DATA BELOW STAGE. SEE TELECOM DRAWINGS.
3. LIGHTING ZONE CONTROLLER. REFER TO LIGHTING CONTROL DETAILS.
4. GROUNDING SYSTEM ENCLOSURE. REFER TO GROUNDING DETAILS.

FLOOR PLAN - NEW WORK - POWER

1/8" = 1'-0"

0 6' 12' 24'

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SHEET TITLE: FLOOR PLAN – NEW WORK – POWER

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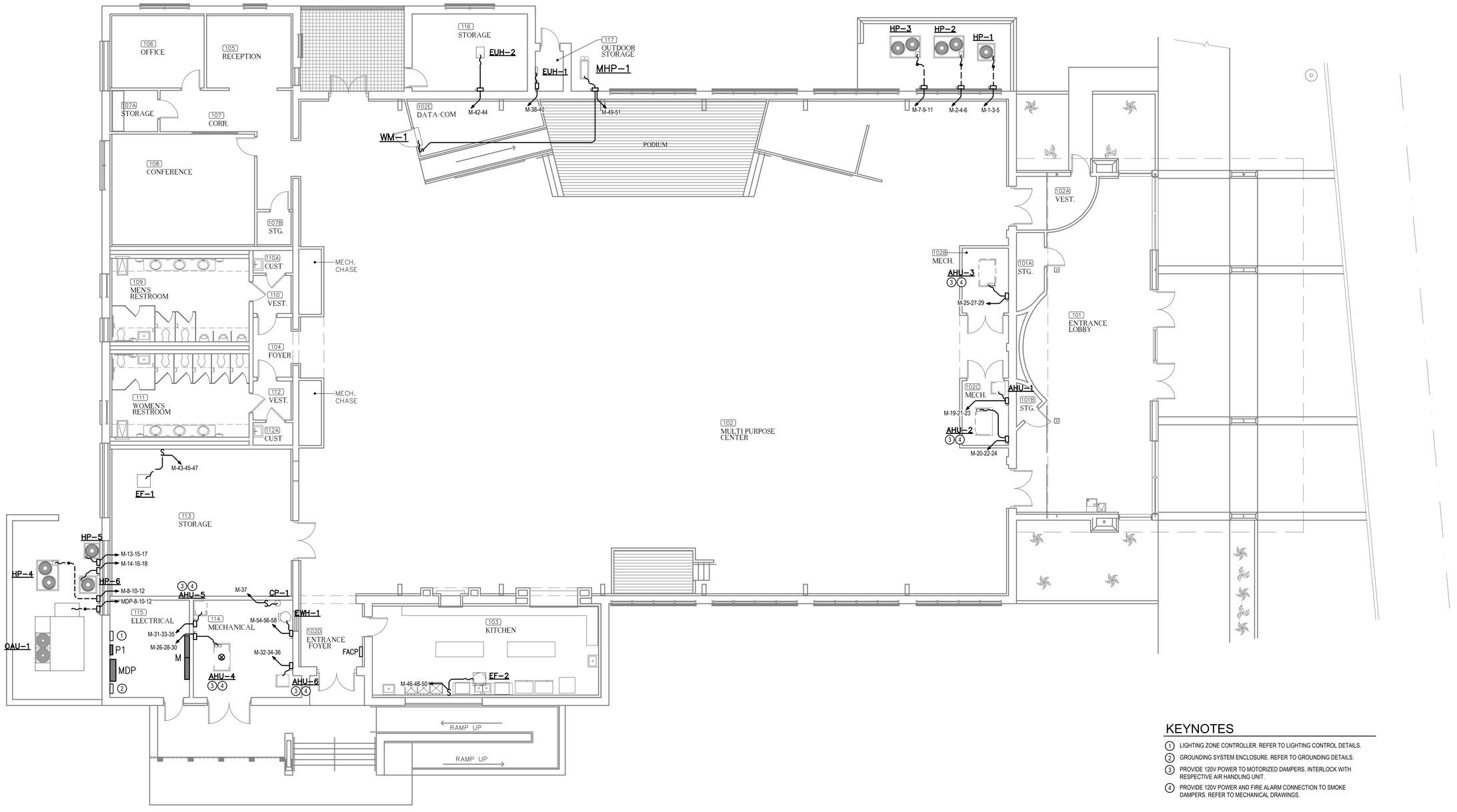
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KEYNOTES

1. LIGHTING ZONE CONTROLLER. REFER TO LIGHTING CONTROL DETAILS.
2. GROUNDING SYSTEM ENCLOSURE. REFER TO GROUNDING DETAILS.
3. PROVIDE 120V POWER TO MOTORIZED DAMPERS. INTERLOCK WITH RESPECTIVE AIR HANDLING UNIT.
4. PROVIDE 120V POWER AND FIRE ALARM CONNECTION TO SMOKE DAMPERS. REFER TO MECHANICAL DRAWINGS.

FLOOR PLAN - NEW WORK - HVAC

1/8" = 1'-0" 0 6' 12' 24'

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SHEET TITLE: FLOOR PLAN - NEW WORK - HVAC

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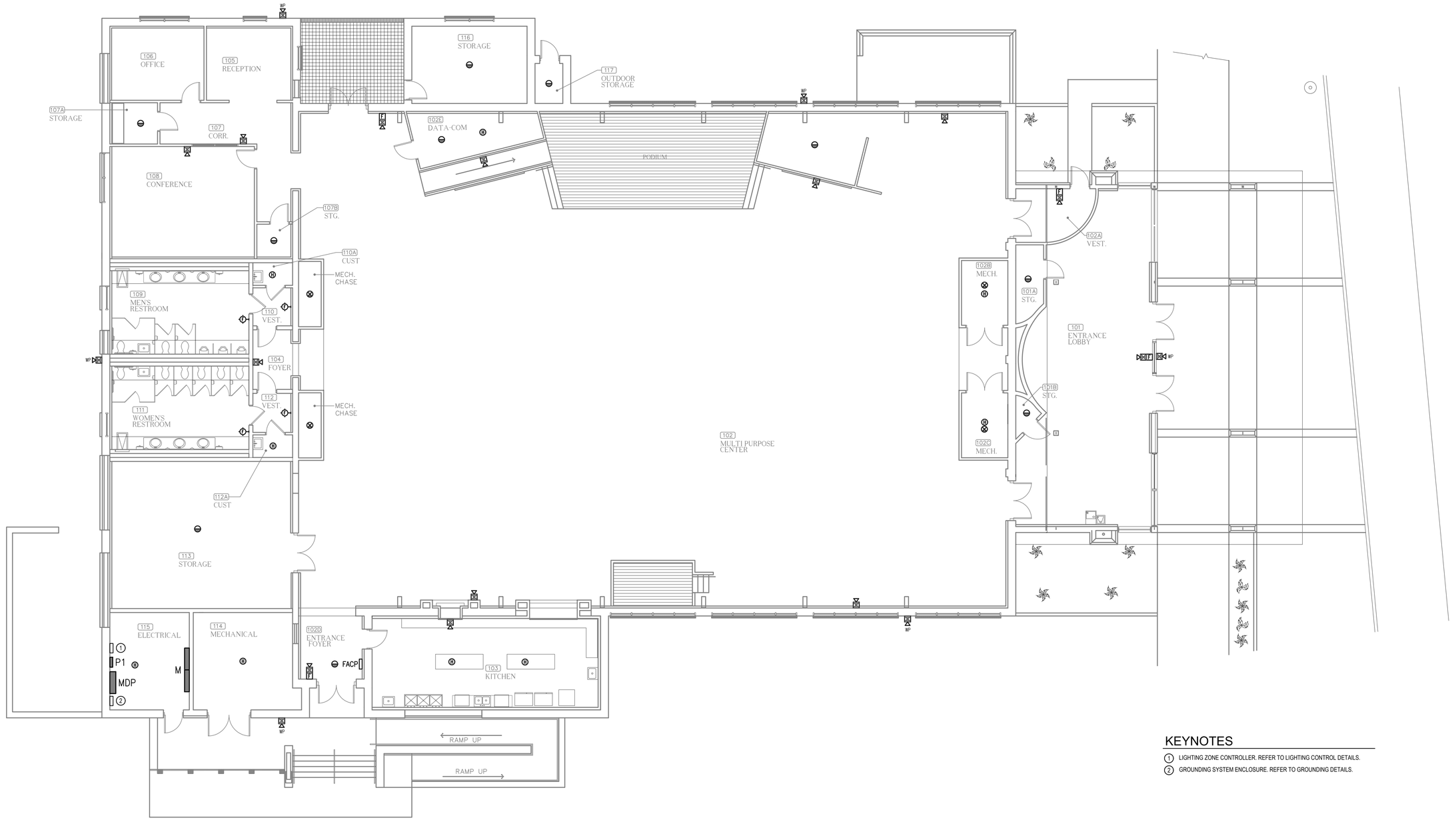
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Daniel J. White; FL. PE No.73790

2074 Job No.

SHEET No.
E3.1



KEYNOTES

1. LIGHTING ZONE CONTROLLER. REFER TO LIGHTING CONTROL DETAILS.
2. GROUNDING SYSTEM ENCLOSURE. REFER TO GROUNDING DETAILS.

FLOOR PLAN - NEW WORK - FIRE ALARM

1/8" = 1'-0"

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SHEET TITLE: FLOOR PLAN - NEW WORK - FIRE ALARM

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISSIONERS
MARIANNA, FLORIDA

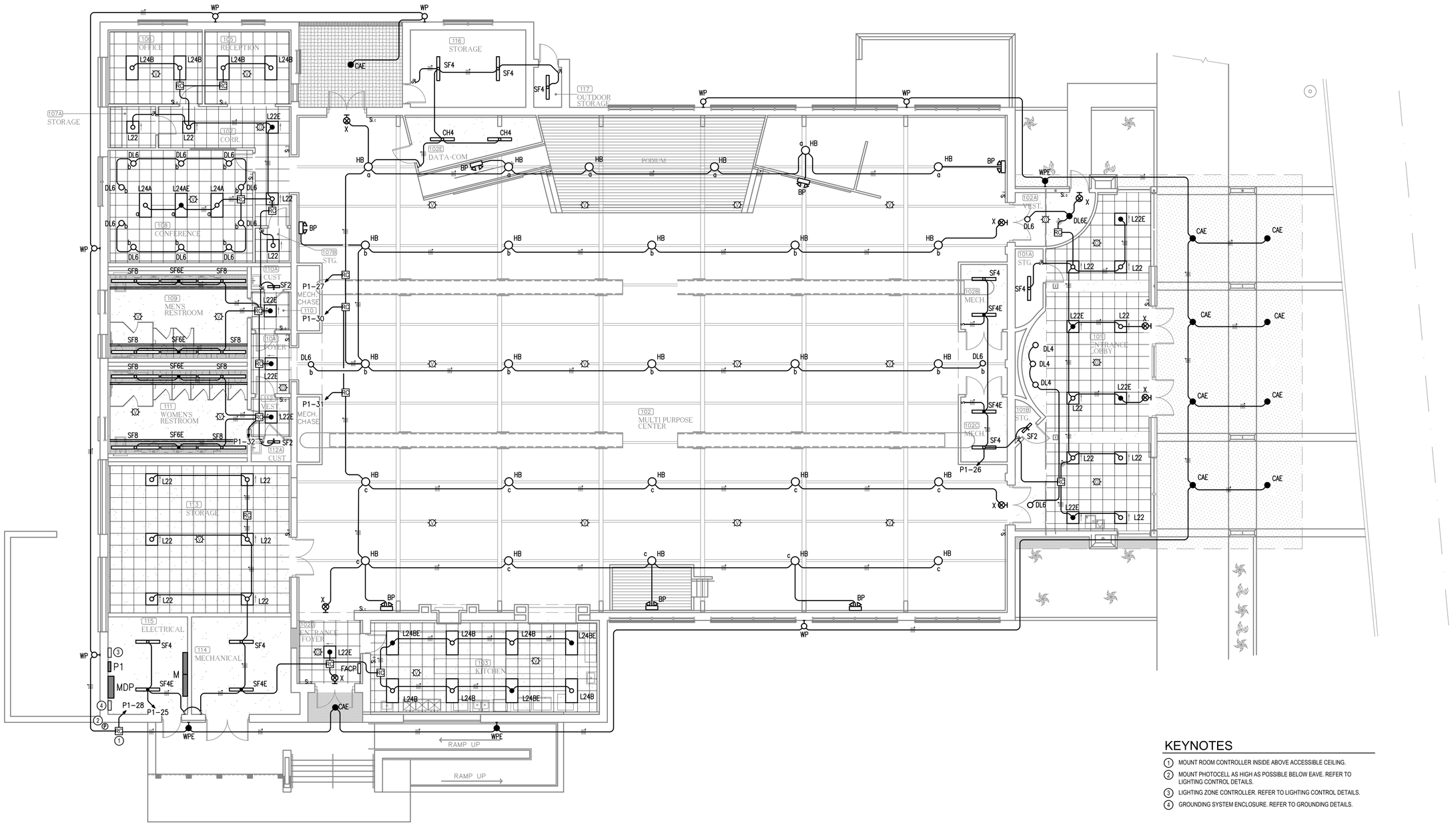
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DATE: JUN 30 2023
DRAWN BY: K.S.
CHECKED BY: D.W.

SHEET No.
E4.1

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Thomas A. Alexander; FL PE No.73172
Daniel J. White; FL PE No.73790

2074
Job No.



KEYNOTES

1. MOUNT ROOM CONTROLLER INSIDE ABOVE ACCESSIBLE CEILING.
2. MOUNT PHOTOCELL AS HIGH AS POSSIBLE BELOW EAVE. REFER TO LIGHTING CONTROL DETAILS.
3. LIGHTING ZONE CONTROLLER. REFER TO LIGHTING CONTROL DETAILS.
4. GROUNDING SYSTEM ENCLOSURE. REFER TO GROUNDING DETAILS.

FLOOR PLAN - NEW WORK - LIGHTING

1/8" = 1'-0"

0 6' 12' 24'

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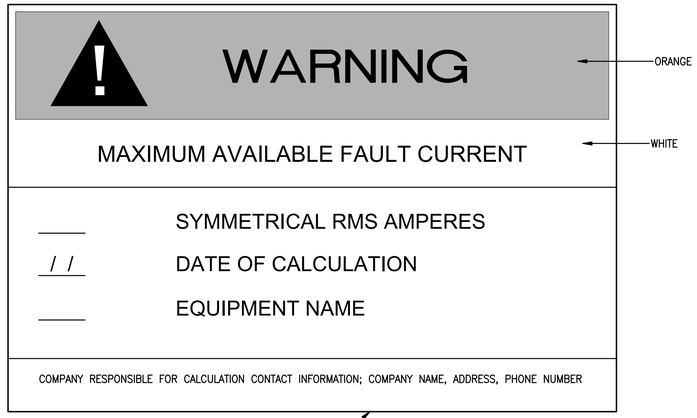
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MARIANNA, FL 32446 FAX: (850) 482-8609
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SHEET TITLE: FLOOR PLAN – NEW WORK – LIGHTING

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISIONERS
MARIANNA, FLORIDA

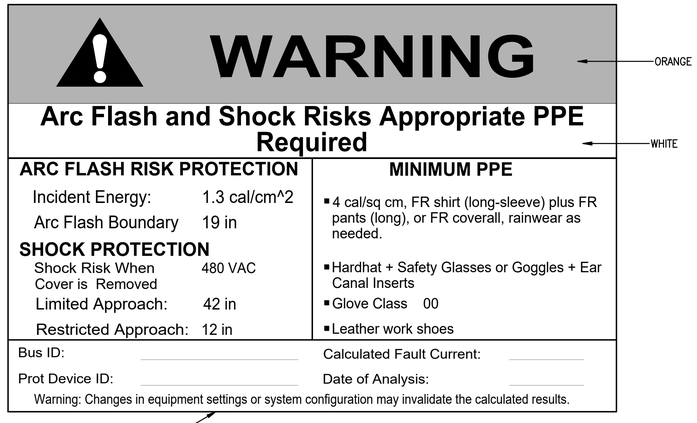
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SHEET No.
E5.1



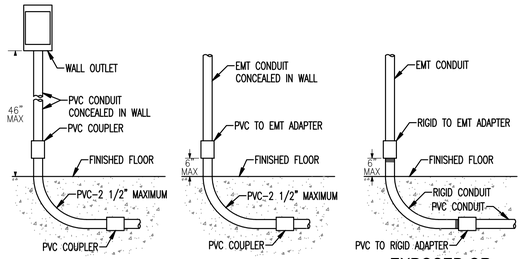
TYPICAL SERVICE EQUIPMENT FAULT CURRENT LABEL DETAIL

NOT TO SCALE



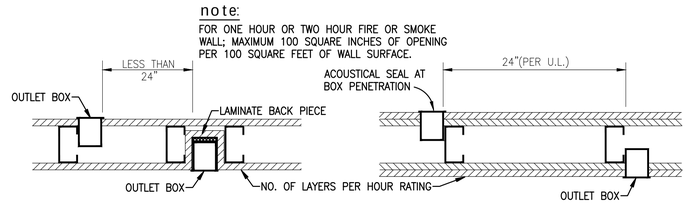
TYPICAL ARC FLASH HAZARD LABEL DETAIL

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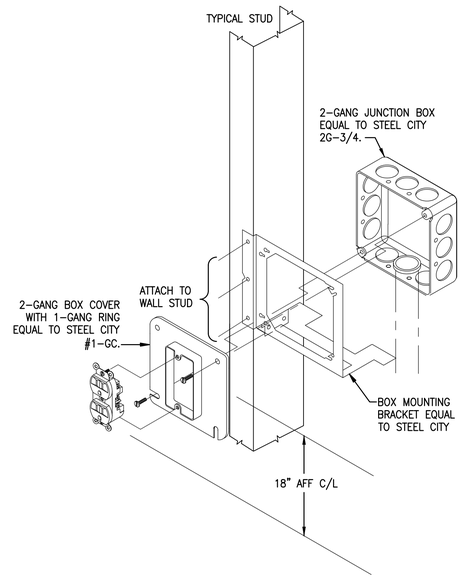
PVC STUB-UP DETAILS

NOT TO SCALE



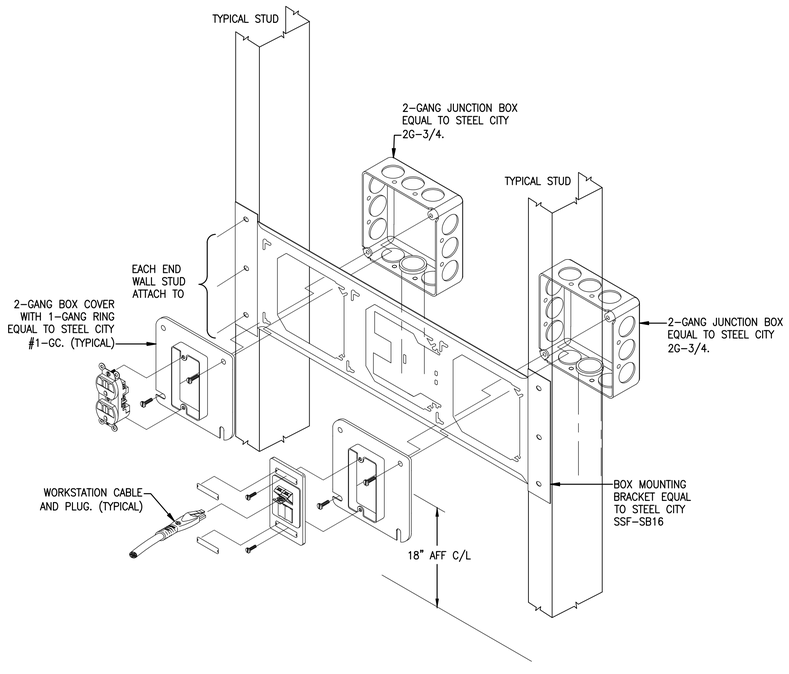
WALL DETAILS - ELECTRICAL BOX INSTALLATION

NOT TO SCALE



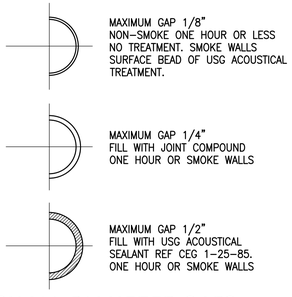
TYPICAL POWER ONLY

NOT TO SCALE

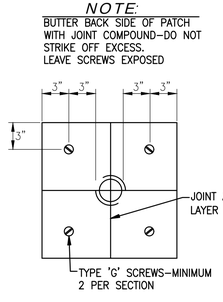


TYPICAL POWER & COMMUNICATIONS

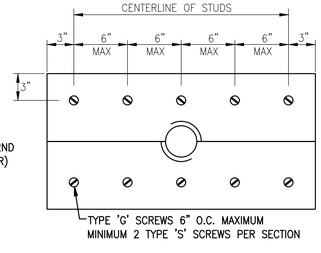
NOT TO SCALE



SMALL DIAMETER GAPS IN ONE HOUR WALLS



OPENINGS UP TO 3" DIA.



OPENINGS OVER 3" DIA.

WALL PENETRATIONS –APPLIES TO ALL CORRIDOR, SMOKE AND FIRE RATED WALLS

NOT TO SCALE

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SHEET TITLE: ELECTRICAL DETAILS

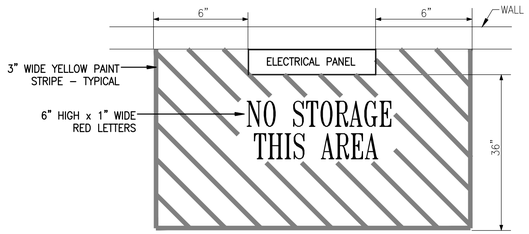
ADDITIONS & ALTERATIONS
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E6.1

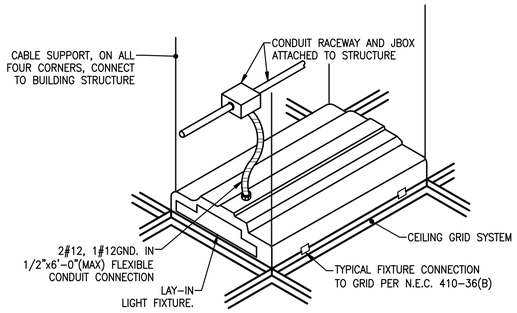
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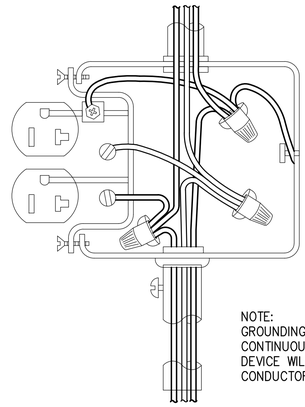
TYPICAL FLOOR MARKING AT ELECTRICAL PANELS

NOT TO SCALE



LAY-IN FIXTURE CABLE SUPPORT DETAIL

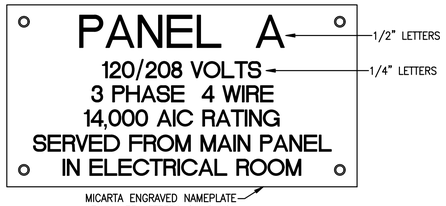
NOT TO SCALE



NOTE:
GROUNDING CONDUCTOR IS CONTINUOUS SO THAT REMOVAL OF DEVICE WILL NOT INTERFERE WITH CONDUCTOR CONTINUITY

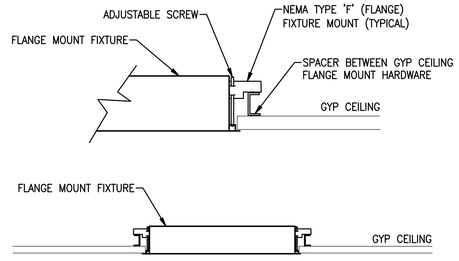
TYPICAL OUTLET WIRING DETAIL

NOT TO SCALE



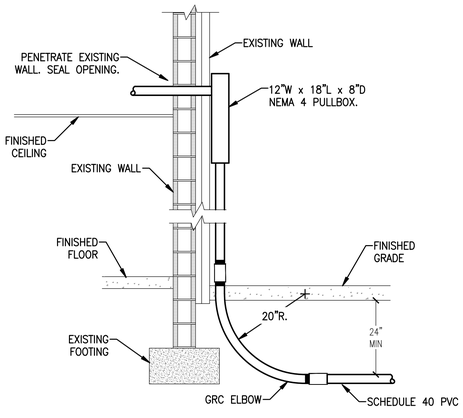
TYPICAL ELECTRICAL EQUIPMENT NAMEPLATE

NOT TO SCALE



FLANGE MOUNT FIXTURE IN GYP BOARD CEILING

NOT TO SCALE



EXISTING BUILDING CONDUIT ENTRY DETAIL

NOT TO SCALE

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SHEET TITLE: ELECTRICAL DETAILS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: JUN 30 2023
DRAWN BY: K.S.
CHECKED BY: D.W.

SHEET No.
E6.2

GENERAL NOTES

1 BOND HOT AND COLD WATER PIPING SYSTEMS.

2 CONDUCTOR SIZES SHOWN ARE MINIMUM AND MAY BE LARGER THAN THE MINIMUM SIZES REQUIRED BY NEC.

3 INSTALL GROUNDING CONNECTIONS TO BUILDING STRUCTURE AND WATER PIPES AT LOCATIONS THAT ARE VISIBLE AND ACCESSIBLE FOR INSPECTION, MAINTENANCE, AND TESTING.

4 INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC SERVICE ENTRANCE CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 250-66 USING THE SERVICE PHASE CONDUCTOR SIZE.

5 INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC FEEDER CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 250-122 USING THE FEEDER CIRCUIT OVERCURRENT DEVICE SIZE OR THE SEPARATELY DERIVED SYSTEM OVERCURRENT DEVICE SIZE.

KEYNOTES

① INSTALL GROUNDED (NEUTRAL) CONDUCTOR SAME SIZE AS THE LARGEST PHASE CONDUCTOR IF THE LINE-TO-NEUTRAL LOAD EXCEEDS 5% OF THE CONNECTED LOAD. IF NEUTRAL LOAD IS SMALLER, INSTALL THE NEC MINIMUM GROUNDED CONDUCTOR.

② INSTALL GROUNDING ELECTRODE CONDUCTOR, SIZED BASED ON NEC TABLE 250-66 USING THE SERVICE PHASE CONDUCTOR SIZE, BUT NOT SMALLER THAN NO 4.

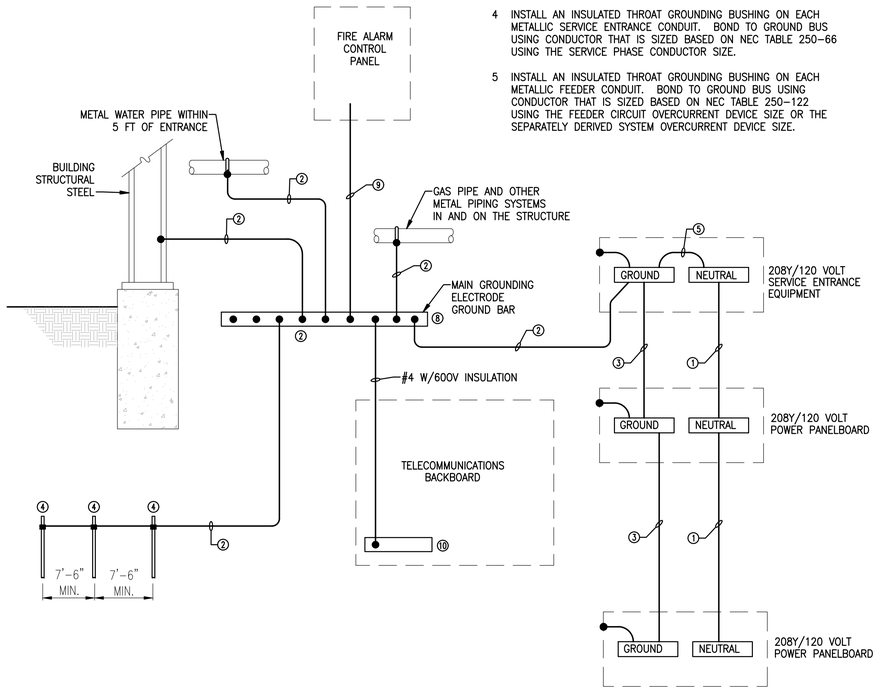
③ INSTALL EQUIPMENT GROUNDING CONDUCTOR SIZED BASED ON NEC TABLE 250-122 USING THE FEEDER OVERCURRENT DEVICE SIZE.

④ 10 FOOT MINIMUM X 3/4" DIAMETER COPPER CLAD STEEL SECTIONAL DRIVEN GROUND ROD.

⑤ INSTALL BONDING JUMPER WIRE THAT IS SIZED BASED ON NEC TABLE 250-66 OR 250.28(D)(1) USING THE SERVICE OR SEPARATELY-DERIVED SYSTEM PHASE CONDUCTOR SIZE.

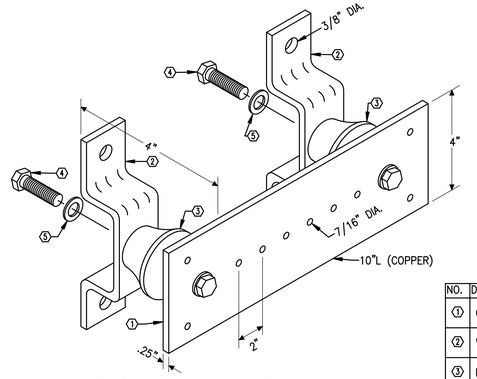
⑨ FIRE ALARM CONTROL PANEL GROUND – #6 COPPER CONDUCTOR.

⑩ INSTALL A COPPER GROUNDING BAR IN EACH TELECOMMUNICATIONS ROOM. CONNECT TO THE "MAIN GROUNDING ELECTRODE GROUND BAR" USING 600V INSULATED #4 COPPER CABLE AND COMPRESSION SPADE LUGS.



208Y/120V GROUNDING SYSTEM DIAGRAM

NOT TO SCALE



NO.	DESCRIPTION
①	GROUND BAR
②	WALL MTG. BRACKET
③	INSULATORS
④	5/8"X1" H.H.C.S. BOLT
⑤	5/8" LOCKWASHER

GROUND BAR NOTES:

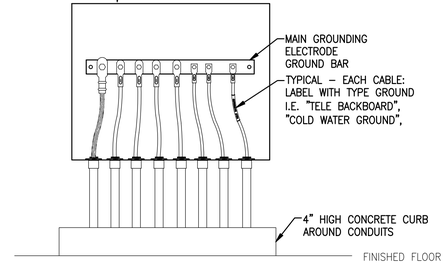
1 INSTALL ONE BAR AT EACH COMMUNICATIONS ROOM.

2 ROUTE 1#4 BARE CU IN 1"CONDUIT FROM GROUND BAR TO BUILDING ELECTRICAL SERVICE ENTRANCE GROUND.

3 CONNECT BARS WITH 1#6 BARE CU IN 1" CONDUIT.

INSULATED GROUNDING BAR DETAIL

NOT TO SCALE



GROUNDING SYSTEM TYPICAL ENCLOSURE

NOT TO SCALE

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SHEET TITLE: GROUNDING DETAILS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
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DRAWN BY: K.S.
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SHEET No.

E6.3

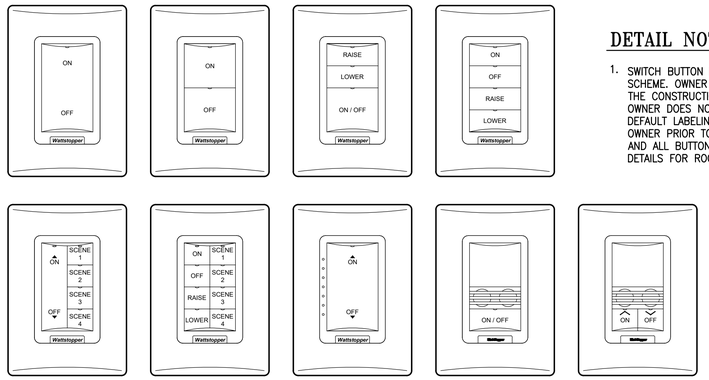
LIGHTING FIXTURE SCHEDULE

Project: #2074 - Endeavor Civic Center

Note: Per electrical specifications, required alternate fixtures shall be submitted to the engineer for prior approval a minimum of (10) ten business days prior to bid date. Any required alternate fixtures not submitted for prior approval will not be reviewed.

Luminaire Designation	Manufacturer	Catalog Number	Connected Voltage	Luminaire Load (va)	Lamping Source	Color Rendering Index (CRI)	Kelvin Temperature	Mounting	Comments
BP	CHLORIDE	CLU2-N-W-LS		3	LED	N/A	N/A	UNIVERSAL WALL MOUNT 7'-6" AFF TO BOTTOM OF FIXTURE	
CAE	H.E. WILLIAMS	6DR-TLL30/840-DIM-UNV-OW-OF-WET/CC-N-F1	120V	27	LED	80	4000K	CANOPY RECESSED	
CH4	BEGHELLI	BS100LED-4-HT-VLO-WT40-120-277V-CH-SS	120V	30	LED	80	4000K	CHAIN HUNG 9'-0" AFF TO BOTTOM OF FIXTURE.	
DL4	H.E. WILLIAMS	4DR-TL-L10/840-DIM-UNV-OWW-OF-CS-N-F1	120V	9	LED	80	4000K	CEILING RECESSED	
DL6	H.E. WILLIAMS	6DR-TL-L10/840-DIM-UNV-OW-OF-CS-N-F1	120V	9	LED	80	4000K	CEILING RECESSED	
DL6E	H.E. WILLIAMS	6DR-TL-L10/840-EM/10W-DIM-UNV-OW-OF-CS-N-F1	120V	9	LED	80	4000K	CEILING RECESSED	
HB	TGS	CHB-E-150W-40-WD-U-D-B-PM	120V	150	LED	80	4000K	PENDANT MOUNT 15'-0" AFF TO BOTTOM OF FIXTURE	
L22	H.E. WILLIAMS	LT-22-L39/840-AF-DRV-UNV	120V	34	LED	80	4000K	CEILING GRID LAY-IN	
L22E	H.E. WILLIAMS	LT-22-L39/840-AF-EM/10W-DRV-UNV	120V	34	LED	80	4000K	CEILING GRID LAY-IN	
L24A	H.E. WILLIAMS	LT-24-L40/840-AF-DIM-UNV	120V	32	LED	80	4000K	CEILING GRID LAY-IN	
L24AE	H.E. WILLIAMS	LT-24-L40/840-AF-EM/10W-DIM-UNV	120V	32	LED	80	4000K	CEILING GRID LAY-IN	
L24B	H.E. WILLIAMS	LT-24-L52/840-AF-DRV-UNV	120V	38	LED	80	4000K	CEILING GRID LAY-IN	
L24BE	H.E. WILLIAMS	LT-24-L52/840-AF-EM/10W-DRV-UNV	120V	38	LED	80	4000K	CEILING GRID LAY-IN	
SF2	H.E. WILLIAMS	SLF-2-L26/840-HIA-DRV-UNV	120V	22	LED	80	4000K	WALL MOUNT 7'-6" AFF TO BOTTOM OF FIXTURE	
SF4	BEGHELLI	BS100LED-4-HT-VLO-WT40-120-277V-QMB-SS	120V	30	LED	80	4000K	CEILING SURFACE	
SF4E	BEGHELLI	BS100LED-4-SA-VLO-WT40-120-277V-QMB-SS	120V	30	LED	80	4000K	CEILING SURFACE	
SF6E	H.E. WILLIAMS	SL-6-L10/840-RD-SM-EM/10WRM-DRV-UNV	120V	36	LED	80	4000K	CEILING SURFACE	
SF8	H.E. WILLIAMS	SL-8-L10/840-RD-SM-DRV-UNV	120V	71	LED	80	4000K	CEILING SURFACE	
WP	GARDCO	101L-16L-530-NW-G2-3-UNV-BZ	120V	28	LED	80	4000K	WALL MOUNT 8'-0" AFG TO BOTTOM OF FIXTURE	
WPE	GARDCO	101L-16L-530-NW-G2-3-EBPC-UNV-BZ	120V	28	LED	80	4000K	WALL MOUNT 8'-0" AFG TO BOTTOM OF FIXTURE	
X	CHLORIDE	ER55LD-3-W-R	120V	3	LED	N/A	N/A	UNIVERSAL WALL MOUNT 7'-6" AFF TO BOTTOM OF FIXTURE	

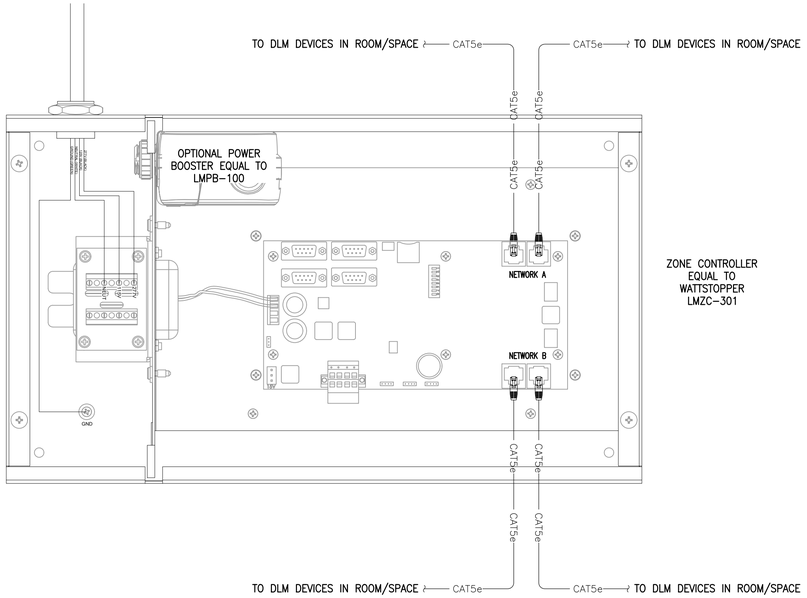
Lighting Space and Zones				Sequence of Operations										Low Voltage Switch Matrix (Button Labels to be designated by owner during installation)									
		ZONE OF CONTROL		CONTROL SCENARIOS										CONNECT TO NETWORKED ROOM CONTROLLER OR LIGHTING CONTROL PANEL						CONNECT TO NON-NETWORKED LOCAL ROOM CONTROL				
Space Type	Room Number	Description	Designator	Manual On	Manual Off	Dimming	Multi-Level Control	Timeclock On	Timeclock Off	Occupancy Sensor On	Vacancy Sensor Off	Fire Alarm System Override to 'On'	Daylight Harvesting	Photo Sensor On	SL1 (1-Button)	SL2 (2-Button)	SL3 (3-Button)	SL4 (4-Button)	SL5 (5-Button)	SL6 (6-Button)	SLa (2-Button)	SLb (4-Button)	SLc (8-Button)	Sm (Integral Sensor, Line Voltage)	Lighting Control Detail #
Corridor	TYPICAL			X	X			X	X	X		X				X									1
Entrance/Lobby	101			X	X			X	X	X		X				X									1
Entrance Foyer	102D			X	X			X	X	X		X				X									1
Vestibule	102A			X	X			X	X	X		X				X									1
Foyer	104			X	X			X	X	X		X				X									1
Office, Reception	105, 106			X	X						X										X				2
Kitchen	105, 106			X	X						X										X				2
Restroom & Vestibule	109-112			X	X						X										X				2
Conference	108	Center Lights	a	X	X	X					X												X		3
		Downlights	b	X	X	X																			
Multipurpose Room	102	Row 1	a	X	X	X																	X		4
		Row 2	b	X	X	X																			
		Row 3	c	X	X	X																			
Building Exterior Security Lighting	n/a							X	X					X											5



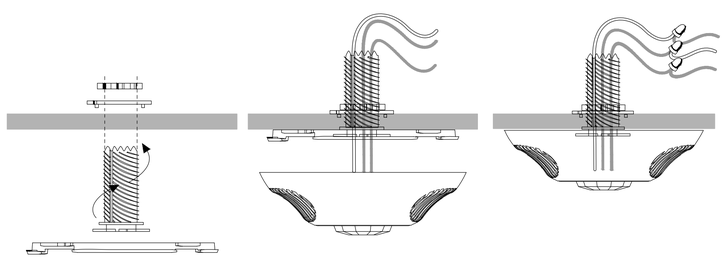
TYPICAL SWITCH BUTTON LABELING
DEFAULT OPTIONS
NOT TO SCALE

DETAIL NOTES

1. SWITCH BUTTON LABELING INDICATES A DEFAULT SCHEME. OWNER TO PROVIDE ACTUAL LABELING DURING THE CONSTRUCTION PHASE OF THIS PROJECT. IF THE OWNER DOES NOT MAKE ANY DECISION, THEN THE DEFAULT LABELING MAY BE UTILIZED. VERIFY WITH OWNER PRIOR TO PROCEEDING WITH ORDERING OF ANY AND ALL BUTTON ENGRAVING. REFER TO SPECIFIC DETAILS FOR ROOM SPACE LABELING REQUIREMENTS.



TYPICAL ZONE CONTROLLER CONNECTION DETAILS
NOT TO SCALE



OCCUPANCY SENSOR MOUNTING DETAIL
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SHEET TITLE: LIGHTING CONTROLS AND FIXTURE SCHEDULE

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: JUN 30 2023
DRAWN BY: K.S.
CHECKED BY: D.W.

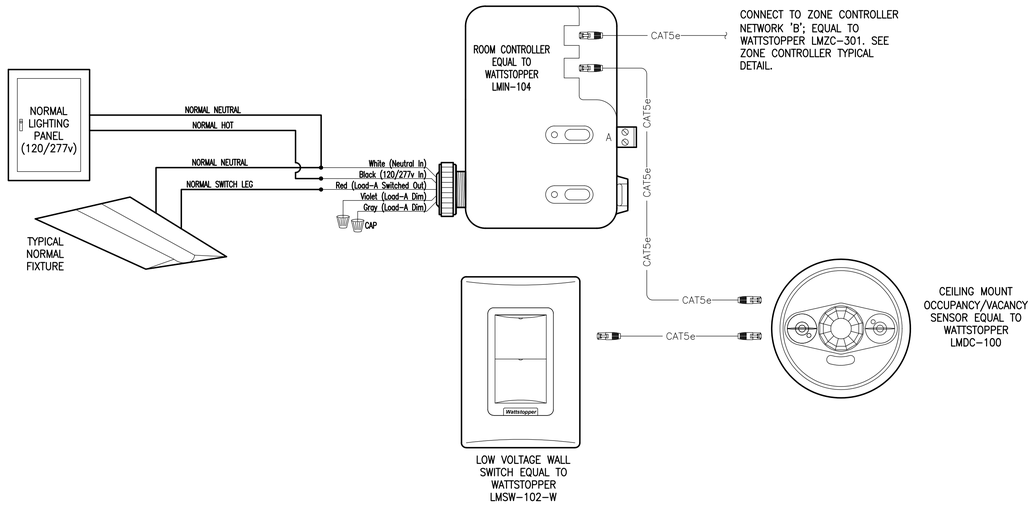
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E6.4

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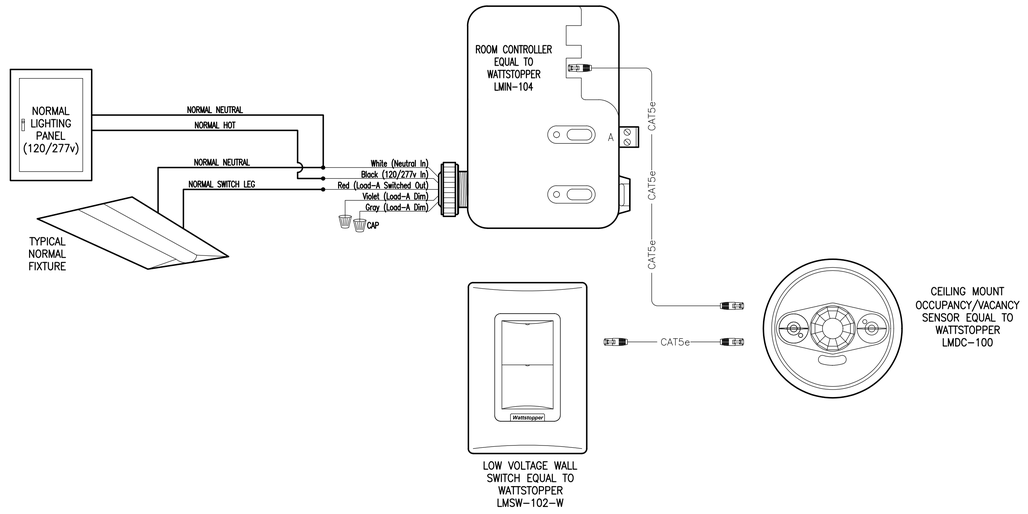
Christopher A. Garick; FL. PE No.53924
Thomas A. Alexander; FL. PE No.73172
Daniel J. White; FL. PE No.73790

2074
Job No.



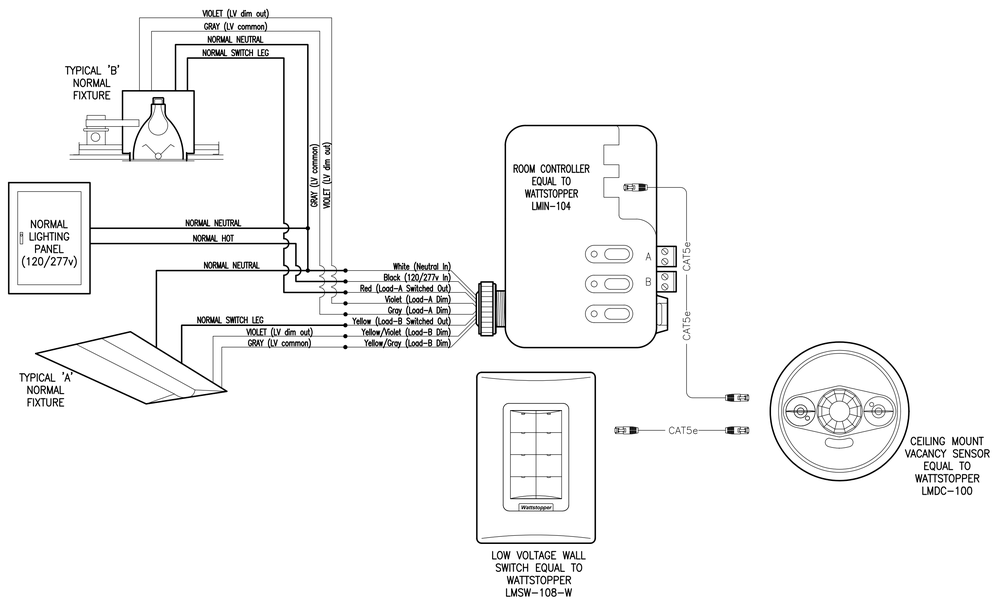
LIGHTING CONTROL DETAIL #1

NOT TO SCALE



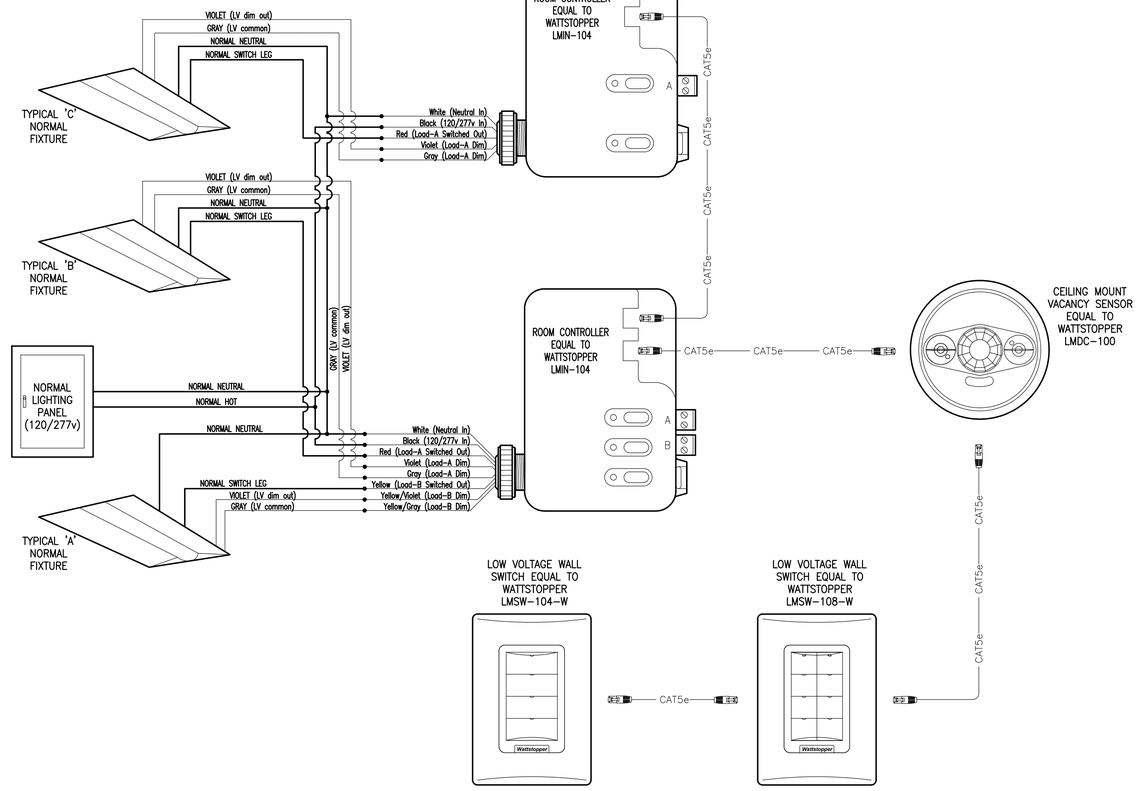
LIGHTING CONTROL DETAIL #2

NOT TO SCALE



LIGHTING CONTROL DETAIL #3

NOT TO SCALE



LIGHTING CONTROL DETAIL #4

NOT TO SCALE

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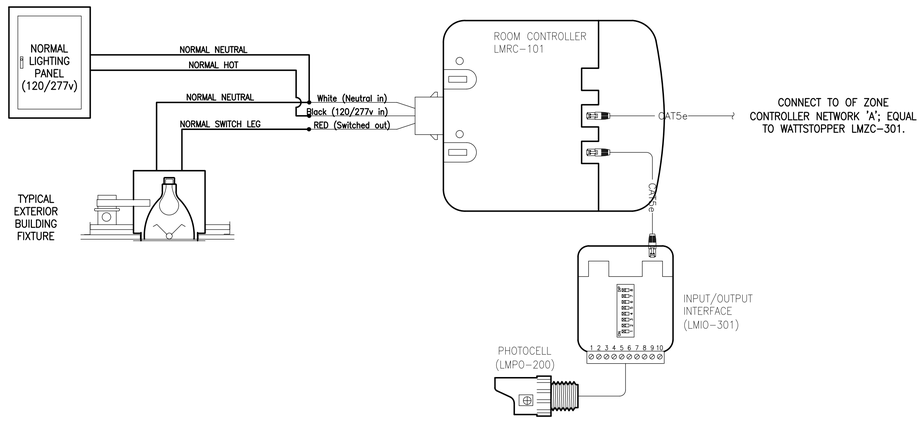
SHEET TITLE:
ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISSIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: JUN 30 2023
DRAWN BY: K.S.
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SHEET No.
E6.5

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LIGHTING CONTROL DETAIL #5

NOT TO SCALE

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SHEET TITLE: LIGHTING CONTROL DETAILS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISIONERS
MARIANNA, FLORIDA

JOB NUMBER: M-2020-20
DATE: JUN 30 2023
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SHEET No.

E6.6

FIRE ALARM RISER GENERAL NOTES

A. THIS DIAGRAM IS NOT INTENDED TO SHOW EXACT QUANTITIES OF DEVICES. REFER TO PLAN FOR DEVICE QUANTITIES AND LOCATIONS.

B. THE RISER REPRESENTS A TYPICAL SYSTEM AND IS NOT INTENDED FOR INSTALLATION, SYSTEM SUPPLIER SHALL PROVIDE INSTALLATION DRAWINGS AND WIRING DIAGRAMS.

C. PROVIDE ADDITIONAL MONITOR AND CONTROL MODULES AS RECOMMENDED BY THE SYSTEM SUPPLIER.

D. FIRE ALARM SYSTEM SHALL HAVE U/L APPROVED DIGITAL ALARM DIALER/COMMUNICATOR TO SEND ALARM SIGNAL TO MONITORING SERVICE. PROVIDE TWO DEDICATED TELEPHONE LINES FOR SYSTEM DIALER/COMMUNICATOR.

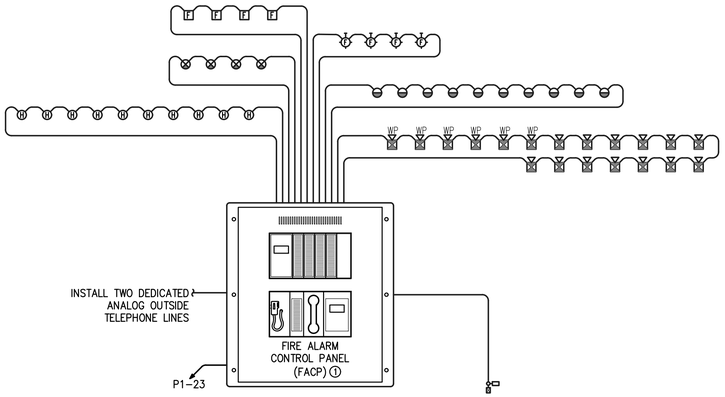
E. FIRE ALARM LOW VOLTAGE SOURCE AND BATTERY STAND-BY SHALL ENERGIZE ALL ITEMS IN FIRE ALARM SYSTEM THAT REQUIRE POWER.

F. REFER TO MECHANICAL DRAWINGS FOR SMOKE AND/OR SMOKE/FIRE DAMPER LOCATIONS. CONNECT TO FIRE ALARM SYSTEM AND TO 120V POWER.

G. VERIFY LOCATION AND QUANTITIES OF FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR.

H. REFER TO N.E.C. 760.121(B) FOR FIRE ALARM SYSTEM POWER CIRCUIT REQUIREMENTS.

I. PROVIDE 120V POWER AND FIRE ALARM CONNECTION TO SMOKE DAMPERS AND FIRE/SMOKE DAMPERS. REFER TO MECHANICAL DRAWINGS.



FIRE ALARM RISER

NOT TO SCALE

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SHEET TITLE: FIRE ALARM RISER

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
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2074
Job No.

MECHANICAL EQUIPMENT COORDINATION SCHEDULE

(VERIFY ALL EQUIPMENT CIRCUIT REQUIREMENTS WITH MANUFACTURERS SHOP DRAWINGS PRIOR TO ROUGH-IN)

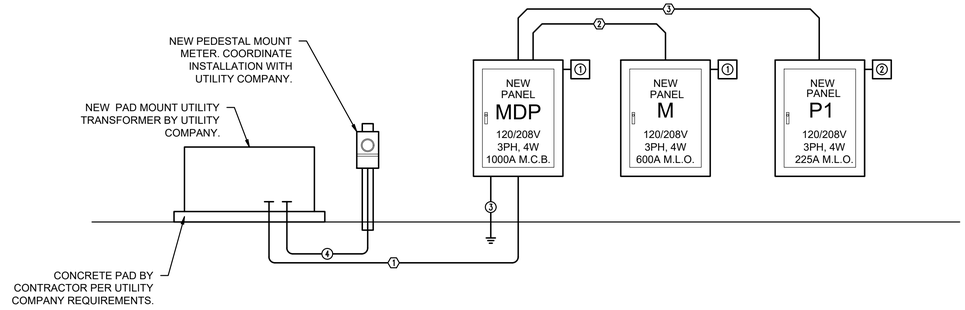
EQUIPMENT DESIGNATION	DESCRIPTION	CFM	VOLT	Φ	ELECTRICAL LOAD						PROTECTION				CONDUCTOR / CONDUIT SIZE					DISC.	REMARKS
					MOTOR(S) FLA								SPECIFIED			CONDUCTORS					
					QTY	LARGEST	SUM OF REMAINING	ELECTRIC HEAT KW	OTHER VA	TOTAL CONNECTED VA	MCA	MOCP	TRIP	POLE	SETS	QTY.	SIZE	GND	CONDUIT		
AHU-1	Air Handler Unit	2098	208	3	1	8.8	-	15	-	18170	49	50	50	3	1	4	#8	#10	3/4"	60/2/1	
AHU-2	Air Handler Unit	3300	208	3	1	7.5	-	11.3	-	14002	49	50	50	3	1	4	#8	#10	3/4"	60/3/1	
AHU-3	Air Handler Unit	3300	208	3	1	7.5	-	11.3	-	14002	49	50	50	3	1	4	#8	#10	3/4"	60/3/1	
AHU-4	Air Handler Unit	3300	208	3	1	7.5	-	11.3	-	14002	49	50	50	3	1	4	#8	#10	3/4"	60/3/1	
AHU-5	Air Handler Unit	-	208	3	1	7.6	-	8	-	10738	30	30	30	3	1	4	#10	#10	3/4"	30/3/1	
AHU-6	Air Handler Unit	-	208	3	1	4.1	-	6	-	7477	26	30	30	3	1	4	#10	#10	3/4"	30/3/1	
CP-1	Circulator Pump	-	120	1	1	0.54	-	-	100	165	1.5	15	15	1	1	2	#12	#12	3/4"	TOGGLE SWITCH	
EF-1	Exhaust Fan	2645	208	3	1	4.8	-	-	-	1729	6	15	15	3	1	4	#12	#12	3/4"	3-POLE TOGGLE SWITCH	
EF-2	Exhaust Fan	420	208	3	1	2.4	-	-	-	865	3	15	15	3	1	4	#12	#12	3/4"	3-POLE TOGGLE SWITCH	
EUH-1	Electric Unit Heater Cling. Mnt.	160	208	1	-	-	-	1.125	-	1125	5.4	15	15	2	1	3	#12	#12	3/4"	30/3/1	
EUH-2	Electric Unit Heater Cling. Mnt.	160	208	1	-	-	-	2.25	-	2250	10.8	15	15	2	1	3	#12	#12	3/4"	30/3/1	
EWH-1	Electric Water Heater	-	208	3	-	-	-	6	-	6000	16.7	20	20	3	1	4	#12	#12	3/4"	30/3/1	
HP-1	Heat Pump	-	208	3	-	-	-	15	-	15000	18.3	30	30	3	1	4	#10	#10	3/4"	30/3/3R	
HP-2	Heat Pump	-	208	3	2	26.9	1.7	-	-	10304	37	60	60	3	1	4	#6	#10	1"	60/3/3R	
HP-3	Heat Pump	-	208	3	2	26.9	1.7	-	-	10304	37	60	60	3	1	4	#6	#10	1"	60/3/3R	
HP-4	Heat Pump	-	208	3	2	26.9	1.7	-	-	10304	37	60	60	3	1	4	#6	#10	1"	60/3/3R	
HP-5	Heat Pump	-	208	3	-	-	-	10	-	10000	18.5	30	30	3	1	4	#10	#10	3/4"	30/3/3R	
HP-6	Heat Pump	-	208	3	-	-	-	10	-	10000	12.2	20	20	3	1	4	#12	#12	3/4"	30/3/3R	
MHP-1	Mini-Split Outdoor Unit	1183	208	1	2	9.2	0.5	-	-	2018	10	15	15	2	1	3	#12	#12	3/4"	30/2/3R	
OAU-1	Outside Air Handler	2540	208	3	2	4.6	3.5	49.2	-	52118	141.1	150	150	3	1	4	#1/0	#6	2"	150/3/3R	
WM-1	Mini-Split Indoor Unit	437	208	1	1	0.65	-	-	-	135	1	15	15	2	1	3	#12	#12	3/4"	2-POLE TOGGLE SWITCH	SINGLE POINT CONNECTION AT OUTDOOR UNIT

FEEDER SCHEDULE

(#) DESIGNATION	EQUIPMENT		BREAKER		CONDUCTOR / CONDUIT SIZE					
							CONDUCTORS			
	SOURCE	TERMINATION	TRIP	POLE	RUNS	CONDUIT	QTY.	SIZE	GND	MATERIAL
(1)	UTILITY XFMR	MDP	1000	3	4	3"	4	#250kcmil	-	CU
(2)	MDP	M	600	3	2	3"	4	#350kcmil	#1	CU
(3)	MDP	P1	150	3	1	2"	4	#1/0	#6	CU

KEYNOTES

1. INSTALL SURGE SUPPRESSOR WITH 4#6, 1#10 GND IN 1" COND; LEAD LENGTH CANNOT EXCEED UL 1449 4TH EDITION TEST OF 14". REFER TO SPECIFICATIONS.
2. INSTALL SURGE SUPPRESSOR WITH 4#10, #10G, IN 3/4"C; LEAD LENGTH CANNOT EXCEED UL 1449 4TH EDITION TEST OF 14". REFER TO SPECIFICATIONS.
3. SEE GROUNDING DETAILS.
4. INSTALL 1" CONDUIT WITH PULLSTRING.



SINGLE LINE POWER RISER DIAGRAM

NOT TO SCALE

POWER PANEL

MDP

SYSTEM 208/120V 3Φ 4W
RATING 1000A M.C.B. 50,000 AIC MINIMUM
ENCLOSURE NEMA 1 SURFACE MOUNT
OPTIONS BOLT ON BREAKERS; SERVICE ENTRANCE RATED

CKT #	SERVING	CKT BKR TRIP	CKT BKR POLE	CONNECTED LOAD (VA)		CKT BKR POLE	CKT BKR TRIP	SERVING	CKT #
1	PANEL P1	150	3	30278	51118	3	150	OAU-1*	2
3	----	---	---	---	---	---	---	----	4
5	----	---	---	---	---	---	---	----	6
7	PANEL M	600	3	158590		3		SPACE ONLY (225A FRAME MINIMUM)	8
9	----	---	---	---	---	---	---	----	10
11	----	---	---	---	---	---	---	----	12
13	SPACE ONLY	-	-	-	-	-	-	SPACE ONLY	14
15	SPACE ONLY	-	-	-	-	-	-	SPACE ONLY	16
17	SPACE ONLY	-	-	-	-	-	-	SPACE ONLY	18
19	SPACE ONLY	-	-	-	-	-	-	SPACE ONLY	20
21	SPACE ONLY	-	-	-	-	-	-	SPACE ONLY	22
23	SPACE ONLY	-	-	-	-	-	-	SPACE ONLY	24
25	SPACE ONLY	-	-	-	0	3	60	SURGE PROTECTIVE DEVICE	26
27	SPACE ONLY	-	-	-	---	---	---	----	28
29	SPACE ONLY	-	-	-	---	---	---	----	30

TOTAL CONNECTED LOAD = 239986 VA / 360 = 666.6 A

NOTES:
* PROVIDE LISTED HACR TYPE BREAKER. REFER TO HVAC MANUFACTURER'S INSTRUCTIONS

POWER PANEL

P1

SYSTEM 208/120V 3Φ 4W
RATING 225A M.L.O. 50,000 AIC MINIMUM
ENCLOSURE NEMA 1 SURFACE MOUNT
OPTIONS BOLT ON BREAKERS

CKT #	SERVING	CKT BKR TRIP	CKT BKR POLE	CONNECTED LOAD (VA)		CKT BKR POLE	CKT BKR TRIP	SERVING	CKT #
1	REC - 102, 102B, 102C	20	1	720	900	1	20	REC - LOBBY 101, EXTERIOR	2
3	REC - M.P. RM 102, PODIUM, EXTERIOR	20	1	720	1080	1	20	REC - M.P. RM 102, S. PODIUM, EXTERIOR	4
5	REC - KITCHEN 103 ABV. CNTR.	20	1	720	540	1	20	REC - 116, EXT, 102, 107, 107B, 117	6
7	REC - 102D, 114, 115, EXTERIOR	20	1	720	860	1	20	REC - RECEPTION 105	8
9	REC - KITCHEN 103 REFRIGERATOR	20	1	1200	1040	1	20	REC - OFFICE 106	10
11	REC - KITCHEN 103 REFRIGERATOR	20	1	1200	720	1	20	REC - STO. 107A, CONF 108	12
13	REC - KITCHEN 103 REFRIGERATOR	20	1	1200	720	1	20	REC - CONF. 108	14
15	REC - KITCHEN 103 DISHWASHER	20	1	1000	900	1	20	REC - 104, 110, 110A, 112, 112A	16
17	REC - KITCHEN 103 DISHWASHER	20	1	1000	720	1	20	REC - MEN'S RR 109, WOMEN'S RR 111	18
19	REC - KITCHEN 103 ABV. CNTR.	20	1	540	1000	1	20	REC - DATA-COM 102E	20
21	REC - 102, 113, EXTERIOR	20	1	900	1000	1	20	REC - DATA-COM 102E	22
23	FIRE ALARM CONTROL PANEL (1)	20	1	500	1000	1	20	REC - DRINKING FOUNTAIN	24
25	LTG - 102D, 103, 113, 114, 115	20	1	662	600	1	20	LTG - 101, 101A,B, 102A,B,C	26
27	LTG - 102 - Zone A, 102E, 116, 117	20	1	1050	400	1	20	LTG - EXTERIOR BLDG	28
29	LTG ZONE CONTROLLER	20	1	500	1500	1	20	LTG - 102 - Zone B	30
31	LTG - 102 - Zone C	20	1	1500	1366	1	20	LTG - RMS 105 THRU 112	32
33	REC - 102, 116, 117, EXTERIOR	20	1	720	1080	1	20	REC - 102, PODIUM, EXTERIOR	34
35	SPARE	20	1			1	20	SPARE	36
37	SPARE	20	1			1	20	SPARE	38
39	SPARE	20	1			1	20	SPARE	40
41	SPARE	20	1			1	20	SPARE	42
43	SPARE	20	1			1	20	SPARE	44
45	SPARE	20	1			1	20	SPARE	46
47	SPARE	20	1			1	20	SPARE	48
49	SPACE ONLY	-	-	-	-	-	-	SPACE ONLY	50
51	SPACE ONLY	-	-	-	-	-	-	SPACE ONLY	52
53	SPACE ONLY	-	-	-	-	-	-	SPACE ONLY	54
55	SPACE ONLY	-	-	-	0	3	30	SURGE PROTECTIVE DEVICE	56
57	SPACE ONLY	-	-	-	-	-	-	----	58
59	SPACE ONLY	-	-	-	-	-	-	----	60

TOTAL CONNECTED LOAD = 30278 VA / 360 = 84.1 A

NOTES:
(1) Provide "RED" breaker capable of being locked in the 'ON' position. Refer to N.E.C. 760.121(B).

POWER PANEL

M

SYSTEM 208/120V 3Φ 4W
RATING 600A M.L.O. 50,000 AIC MINIMUM
ENCLOSURE NEMA 1 SURFACE MOUNT
OPTIONS BOLT ON BREAKERS; TWO EQUAL SECTIONS

CKT #	SERVING	CKT BKR TRIP	CKT BKR POLE	CONNECTED LOAD (VA)		CKT BKR POLE	CKT BKR TRIP	SERVING	CKT #
1	HP-1*	30	3	15000	10304	3	60	HP-2*	2
3	----	---	---	---	---	---	---	----	4
5	----	---	---	---	---	---	---	----	6
7	HP-3*	60	3	10304	10304	3	60	HP-4*	8
9	----	---	---	---	---	---	---	----	10
11	----	---	---	---	---	---	---	----	12
13	HP-5*	30	3	10000	10000	3	20	HP-6*	14
15	----	---	---	---	---	---	---	----	16
17	----	---	---	---	---	---	---	----	18
19	AHU-1	50	3	18170	14002	3	50	AHU-2	20
21	----	---	---	---	---	---	---	----	22
23	----	---	---	---	---	---	---	----	24
25	AHU-3	50	3	14002	14002	3	50	AHU-4	26
27	----	---	---	---	---	---	---	----	28
29	----	---	---	---	---	---	---	----	30
31	AHU-5	30	3	10738	7477	3	30	AHU-6	32
33	----	---	---	---	---	---	---	----	34
35	----	---	---	---	---	---	---	----	36
37	CP-1	15	1	165	1125	2	15	EUH-1	38
39	EWH-1	20	3	6000	---	---	---	----	40
41	----	---	---	---	2250	2	15	EUH-2	42
43	----	---	---	---	---	---	---	----	44
45	EF-1	15	3	1729	865	3	15	EF-2	46
47	----	---	---	---	---	---	---	----	48
49	----	---	---	---	---	---	---	----	50
51	MINI-SPLIT MHP-1/WM-1	15	2	2153		1	20	SPARE	52
53	----	---	---	---		1	20	SPARE	54
55	SPARE	20	1			1	20	SPARE	56
57	SPARE	20	1			1	20	SPARE	58
59	SPARE	20	1			1	20	SPARE	60
61	SPARE	20	1			1	20	SPARE	62
63	SPARE	20	1			1	20	SPARE	64
65	SPARE	20	1			1	20	SPARE	66
67	SPARE	20	1			1	20	SPARE	68
69	SPARE	20	1			1	20	SPARE	70
71	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	72
73	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	74
75	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	76
77	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY	78
79	SPACE ONLY	-	1	-	0	3	60	SURGE PROTECTIVE DEVICE	80
81	SPACE ONLY	-	1	-	-	-	-	----	82
83	SPACE ONLY	-	1	-	-	-	-	----	84

TOTAL CONNECTED LOAD = 158590 VA / 360 = 440.5 A

NOTES:
* PROVIDE LISTED HACR TYPE BREAKER. REFER TO HVAC MANUFACTURER'S INSTRUCTIONS

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SHEET TITLE: POWER RISER & SCHEDULES

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISSIONERS
MARIANNA, FLORIDA

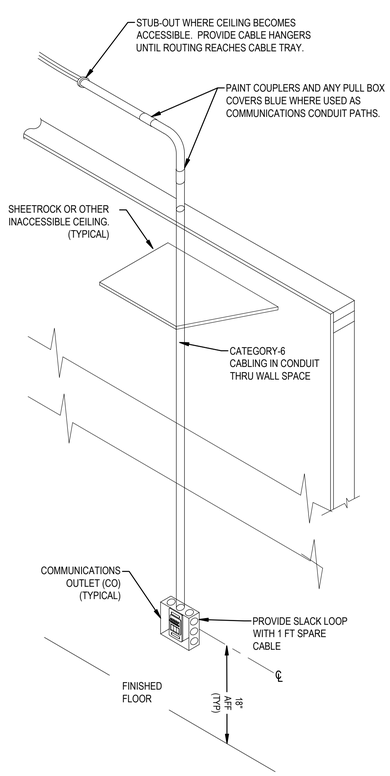
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CHECKED BY: D.W.

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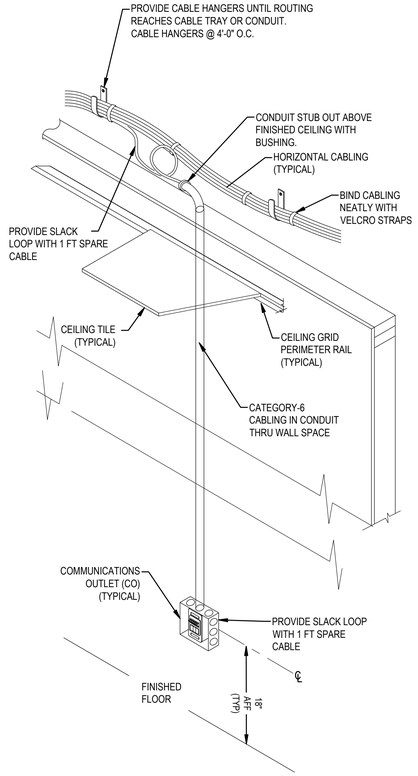
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FL Authorization No.00006680
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Daniel J. White; FL. PE No.73790

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COMMUNICATIONS OUTLET INSTALLATION DETAIL AT INACCESSIBLE CEILING LOCATIONS

NTS

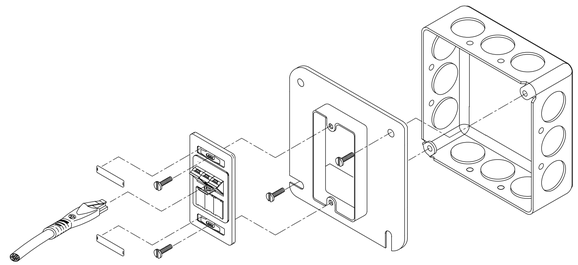


COMMUNICATIONS OUTLET INSTALLATION DETAIL AT ACCESSIBLE CEILING LOCATIONS

NTS

COMMUNICATIONS LEGEND

- RACEWAY INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING.
- RACEWAY INSTALLED CONCEALED IN FLOOR SLAB AND/OR BELOW GRADE.
- RACEWAY INSTALLED EXPOSED.
- D.105.1 / 2 — DATA OUTLET; MOUNT 18" AFF TO C/L U.N.O. 105 REPRESENTS ROOM NUMBER AND 1 REPRESENTS THE ROOM'S OUTLET DESIGNATIONS.
- COMMUNICATIONS RACK; 2-POST 7 FT FREE-STANDING; SEE ELEVATIONS FOR DETAILS.
- PLYWOOD BACKBOARD; 3/4" THICK; SEE FLOOR PLANS
- CCTV CAMERA, AIM AS DIRECTED BY OWNER.
- DATA SYSTEM ACCESS POINT; MOUNT AT CEILING OR 120" AFF TO C/L.



TYPICAL FLUSH MOUNT DATA OUTLET DETAIL

NTS

COMMUNICATIONS GENERAL NOTES:

A. ALL METAL PARTS OF COMMUNICATION RACKS AND EQUIPMENT SHALL BE GROUNDED THROUGH GROUND BUS. CONTRACTOR SHALL VERIFY THAT NO TWO PIECES OF EQUIPMENT IN ANY TELECOMMUNICATIONS SYSTEM HAVE A POTENTIAL DIFFERENCE GREATER THAN 500 MILLIVOLTS.

B. CONTRACTOR SHALL SUPPLY A MICARTA NAMEPLATE FOR EACH COMMUNICATIONS RACK. THE NAMEPLATE SHALL CONTAIN THE LOCATION OF THE RACK AND THE RACK NUMBER (CC.72A).

C. ALL TURNS IN CONDUIT SHALL BE SWEPT CONDUIT OR MANUFACTURED ELBOWS. NO CONDULETS WILL BE ALLOWED.

D. ALL COMMUNICATIONS CABLING, WHETHER INSTALLED IN CONDUIT OR NOT, SHALL BE INSTALLED A MINIMUM OF 8" CLEAR FROM 120V ELECTRICAL, ALARM OR OTHER WIRING AND 12" CLEAR FROM MOTORS, LIGHT FIXTURES, OR SOUND SYSTEMS. A MINIMUM 6" CLEARANCE FOR THE SAME SHALL APPLY AT PERPENDICULAR CROSSOVER POINTS.

E. ALL JUNCTION BOXES, CONDUIT, HANGERS, AND CABLING SHALL BE MOUNTED HIGH ENOUGH ABOVE THE SUSPENDED CEILING SO AS NOT TO INTERFERE WITH THE REMOVAL OR SERVICING OF CEILING TILES, LIGHT FIXTURES, OR THE HVAC SYSTEM.

F. IN NO CASE SHALL ANY DATA CONDUIT HAVE MORE THAN TWO 90 DEGREE BENDS WITHOUT TERMINATING IN A PULLBOX. PULLBOXES SHALL NOT BE USED FOR CHANGE OF DIRECTION.

G. ALL CABLES SHALL BE LABELED AT BOTH ENDS WITH THE COMMUNICATIONS OUTLET NUMBER.

H. THE INSTALLING CONTRACTOR SHALL INSTALL THE FOLLOWING AMOUNTS OF COMMUNICATION CABLE SLACK:

LOCATION	CABLE TYPE	SLACK LENGTH
COMMUNICATION OUTLET	TWISTED PAIR	1'-6"
TELECOMMUNICATIONS CLOSET	TWISTED PAIR	20'-0"

SLACK MEASUREMENT IS DETERMINED BY MEASURING THE AMOUNT OF CABLE ABLE TO BE PULLED PAST THE TERMINATION POINT.

I. ALL COMMUNICATION CABLES SHALL HAVE ITS INSULATION OF A COLOR THAT MATCHES THE FOLLOWING COLOR CODE:

COLOR	LOCATION
BLUE	COMMUNICATION OUTLET TO TC (DATA/VOICE)
BLUE	COMM ROOM - DATA PATCH CORD
GRAY	COMM ROOM - WAP PATCH CORD
GREEN	CCTV OUTLET TO TC

J. ALL TELECOMMUNICATION OUTLETS SHALL BE INSTALLED FLUSH IN WALLS OR FLOOR BOXES.

K. ALL BACKBOARDS, RACKS, TERMINAL CABINETS, ETC SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.

L. PROVIDE ONE TWO-PORT DATA OUTLET AT EACH OF THE FOLLOWING SPECIAL SERVICES:
   A. FIRE ALARM SYSTEM
   B. SECURITY SYSTEM
COORDINATE LOCATIONS AND INTERFACE REQUIREMENTS WITH THE INSTALLER FOR EACH SPECIAL SYSTEM. DATA CABLING SHALL BE HOME RUN IN CONDUIT TO COMM RACK.

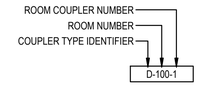
M. ALL PENETRATIONS OF FLOORS AND WALLS WHICH EXTEND TO THE UNDERSIDE OF THE FLOOR OR ROOF DECK SHALL BE FIRESTOPPED. FIRESTOPPING SHALL BE PROVIDED USING U.L. LISTED SYSTEMS WITH THE FIRE RATING EQUAL TO OR GREATER THAN THE FIRE RATING OF THE FLOOR OR WALL ASSEMBLY. INSTALL ALL FIRESTOP MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. THE CONTRACTOR SHALL SUBMIT A DETAIL FOR EACH TYPE OF PENETRATION REQUIRED.

OUTLET DETAIL NOTES:

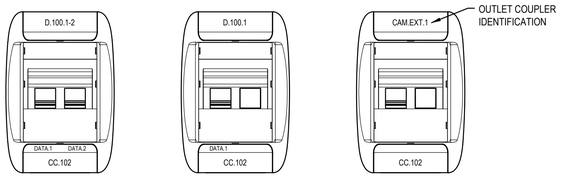
CATEGORY 6A, 2-PORT ANGLED DATA COUPLER, EQUAL TO BELDEN AX102413 INSERT WITH (2) 8P CAT 6A MODULAR JACKS, EQUAL TO BELDEN REVCONNECT RV6MJKUEW, COLOR ELECTRIC WHITE.

CATEGORY 6A, 2-PORT ANGLED DATA COUPLER, BELDEN AX102413 INSERT WITH (1) 8P CAT 6A MODULAR JACKS, BELDEN REVCONNECT RV6MJKUEW AND ONE BLANK COVER, COLOR ELECTRIC WHITE.

FACEPLATE EQUAL TO BELDEN AX101747. COLOR ELECTRIC WHITE, PROVIDE (1) BELDEN AX101759 FILLER AND (1) BELDEN AX1011763 FILLER.

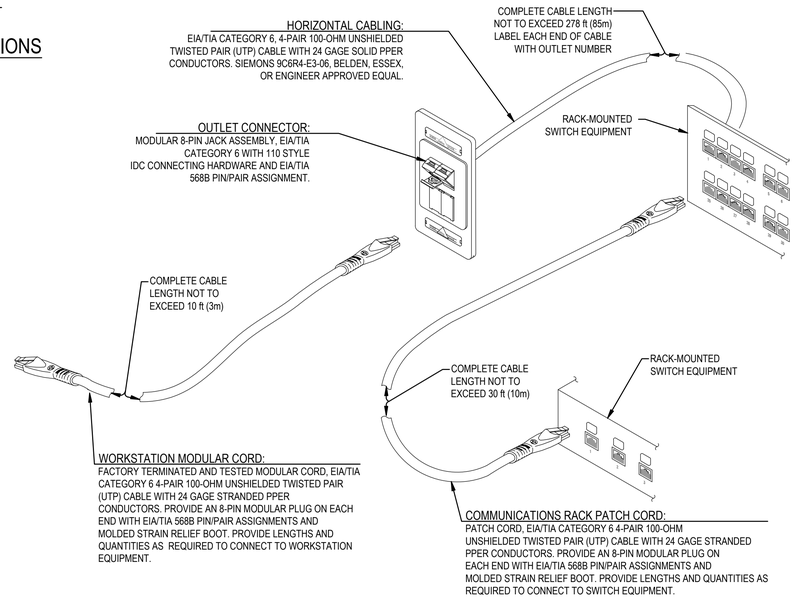


OUTLET COUPLER IDENTIFICATION



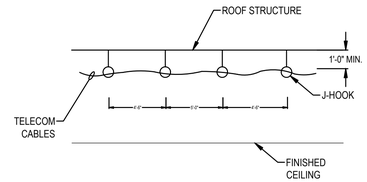
OUTLET CONFIGURATION DETAIL

NOT TO SCALE



COMMUNICATIONS CABLING DETAIL

NOT TO SCALE



CABLE ROUTING NOTES

1. ROUTE PERPENDICULAR & PARALLEL TO BUILDING LINES.
2. BUNDLE CABLES WITH PANDUIT PAN-TY WITH RETRACTABLE LOOP AT EACH HANGER.
3. HANGERS FOR CABLES SHALL BE J-HOOKS EQUAL TO CHATSWORTH PRODUCTS 11322-012.

CABLE ROUTING DETAIL

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SHEET TITLE: TELECOM LEGEND, NOTES & DETAILS

ADDITIONS & ALTERATIONS
ENDEAVOR CONVENTION CENTER
4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
JACKSON COUNTY SCHOOL BOARD COUNTY COMMISIONERS
MARIANNA, FLORIDA

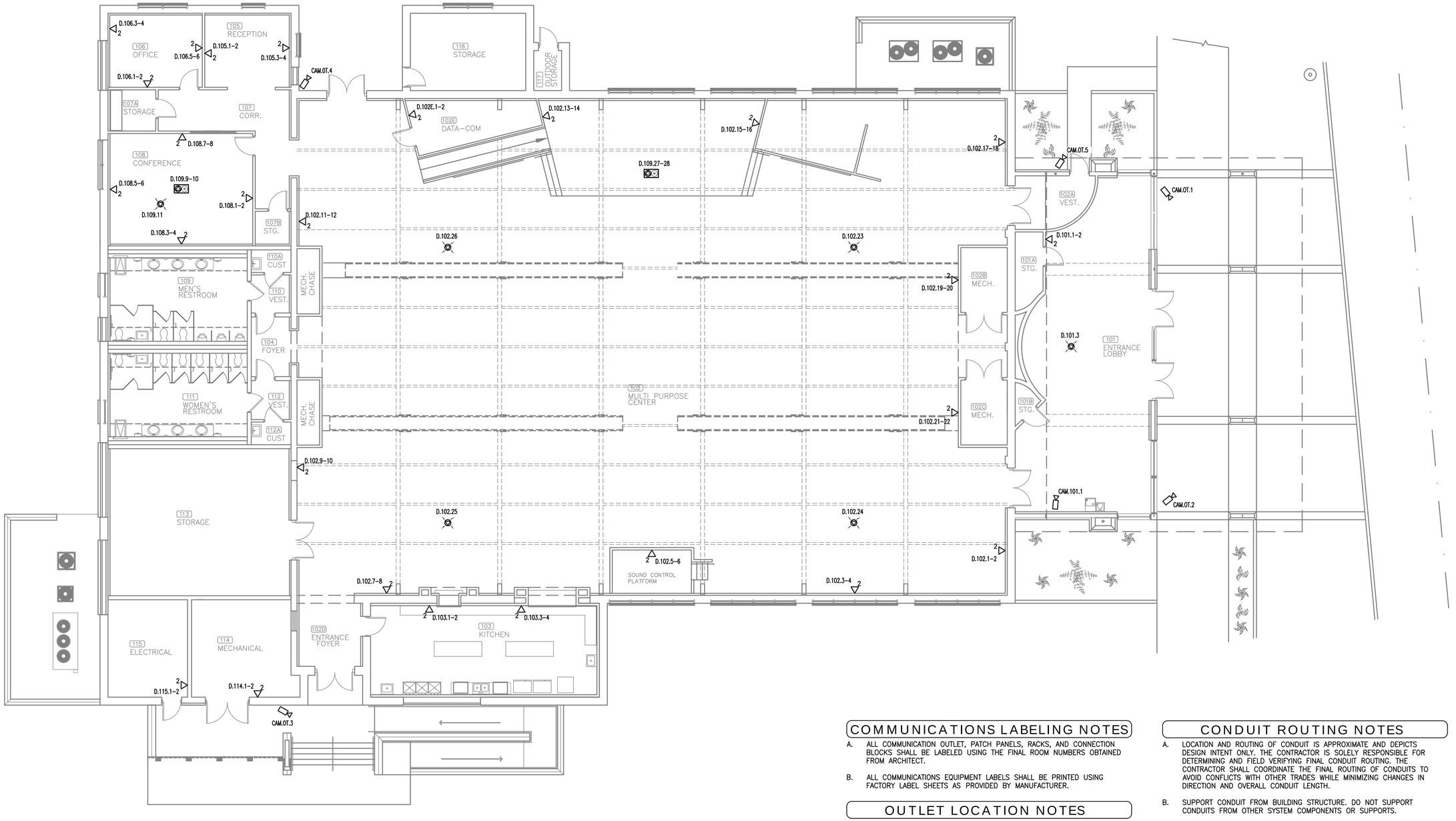
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COMMUNICATIONS LABELING NOTES

A. ALL COMMUNICATION OUTLET, PATCH PANELS, RACKS, AND CONNECTION BLOCKS SHALL BE LABELED USING THE FINAL ROOM NUMBERS OBTAINED FROM ARCHITECT.

B. ALL COMMUNICATIONS EQUIPMENT LABELS SHALL BE PRINTED USING FACTORY LABEL SHEETS AS PROVIDED BY MANUFACTURER.

OUTLET LOCATION NOTES

A. ALL COMMUNICATION OUTLET LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF EACH OUTLET WITH THE ARCHITECT AND GENERAL CONTRACTOR PRIOR TO ROUGH-IN.

B. COMMUNICATION OUTLET LOCATIONS SHALL BE COORDINATED WITH WINDOWS, CASEWORK, DOOR SWINGS, COUNTER BACKSPLASHES AND ALL OTHER OBSTRUCTIONS.

CONDUIT ROUTING NOTES

A. LOCATION AND ROUTING OF CONDUIT IS APPROXIMATE AND DEPICTS DESIGN INTENT ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING AND FIELD VERIFYING FINAL CONDUIT ROUTING. THE CONTRACTOR SHALL COORDINATE THE FINAL ROUTING OF CONDUITS TO AVOID CONFLICTS WITH OTHER TRADES WHILE MINIMIZING CHANGES IN DIRECTION AND OVERALL CONDUIT LENGTH.

B. SUPPORT CONDUIT FROM BUILDING STRUCTURE. DO NOT SUPPORT CONDUITS FROM OTHER SYSTEM COMPONENTS OR SUPPORTS.

C. TERMINATE ALL CONDUIT ENDS WITH THREADED PLASTIC INSULATING BUSHINGS. BUSHINGS MUST FIT TIGHTLY ON CONDUIT CONNECTOR THREADS. INSTALL BUSHINGS PRIOR TO PULLING CABLES.

D. IDENTIFY ALL CONDUITS AND PULLBOXES WITH BLUE PAINT. PAINT EACH CONDUIT COUPLING AND PULLBOX COVER.

FLOOR PLAN - TELECOM

1/8" = 1'-0"

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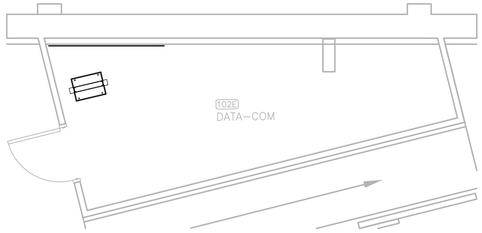
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SHEET TITLE: FLOOR PLAN - TELECOM

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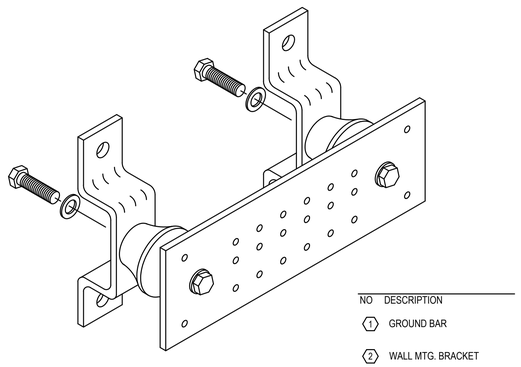
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ENLARGED TELECOM ROOM PLAN

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



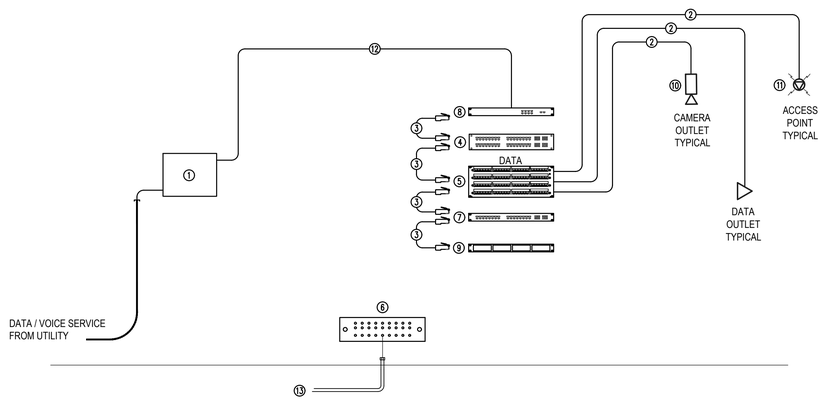
NO	DESCRIPTION
1	GROUND BAR
2	WALL MTG. BRACKET
3	INSULATORS
4	5/8"X1" H.H.C.S. BOLT
5	5/8" LOCKWASHER

GROUND BAR NOTES:

1. INSTALL ONE BAR AT EACH COMMUNICATIONS ROOM.
2. ROUTE 1#4 BARE CU IN 1"CONDUIT FROM GROUND BAR TO BUILDING ELECTRICAL SERVICE ENTRANCE GROUND.
3. CONNECT BARS WITH 1#6 BARE CU IN 1" CONDUIT.

INSULATED GROUNDING BAR DETAIL

NOT TO SCALE



DATA SYSTEM RISER DIAGRAM

NOT TO SCALE

COMMUNICATIONS LABELING NOTES:

A. ALL COMMUNICATIONS OUTLETS, PATCH PANELS, RACKS, AND CONNECTION BLOCKS SHALL BE LABELED USING THE FINAL ROOM NUMBERS. THESE NUMBERS SHALL BE OBTAINED FROM THE ARCHITECT JUST PRIOR TO LABELING.

B. ALL LABELS SHALL BE PROVIDED USING FACTORY LABEL SHEETS FOR LASER PRINTERS AS PROVIDED BY THE DEVICE MANUFACTURER AND THEY SHALL BE PRODUCED USING SOFTWARE PROVIDED FOR THE PRINTING DEVICE.

PATCH PANEL DATA

Number of Ports: 96 Coupler Style: SINGLE
EIA/TIA Category Rating: 6A Mounting: 19" RACK
Options: BLUE COUPLERS

LOCATION SERVED		NUMBER OF TERMINATIONS	OUTLET SERVED NUMBERS	PHYSICAL PORT NUMBER
Rm #	ROOMNAME			
101	ENTRANCE LOBBY	3	D.101.1-3	1-3
102	MULTI-PURPOSE CENTER	28	D.102.1-28	4-31
103	KITCHEN	4	D.103.1-4	32-35
105	RECEPTION	4	D.105.1-4	36-39
106	OFFICE	6	D.106.1-6	40-45
108	CONFERENCE ROOM	11	D.108.1-11	46-56
114	MECHANICAL	2	D.114.1-2	57-58
115	ELECTRICAL	2	D.115.1-2	59-60
OT	OUTSIDE (CAMERAS)	5	CAM.OT.1-5	61-65
--	SPARE	12		66-77
--	SPACE	19		78-96
PATCH PANEL TOTALS:		96		

CATEGORY 6 PATCH CORD QUANTITY SCHEDULE

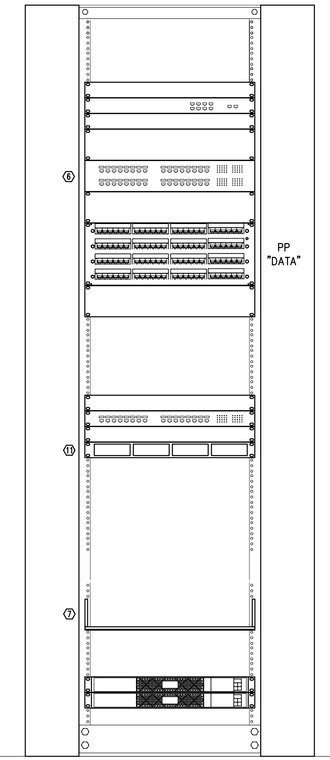
DATA-COM Room 102E	*Total # of Cat. 6 Patch Cords	1 meter
BLUE (COMM OUTLET)	6	6
RED (WAP)	6	6
GRAY (CAMERA)	5	5

PATCH CORD NOTE:

TIA-568 ALLOWS A MAXIMUM OF 33 FT (10M) FOR ALL CROSS CONNECT AND EQUIPMENT PATCH CORDS. CROSS CONNECT AND EQUIPMENT PATCH CORDS SHALL BE KEPT AS SHORT AS POSSIBLE BUT STILL ALLOW FOR PROPER CONNECTION. THERE SHALL BE NO TENSION IN THE CORDS THAT CAUSE CONNECTIONS TO EQUIPMENT TO LOOSEN OR DEGRADE SERVICE. CORDS SHALL HAVE MINIMAL SLACK.

DATA SYSTEM NOTES:

1. ROUTER PROVIDED AND INSTALLED BY UTILITY.
2. HORIZONTAL WIRING CABLES. CATEGORY 6, FOUR-PAIR 100-OHM UNSHIELDED TWISTED PAIR (UTP) CABLE WITH 24 AWG SOLID PAIR CONDUCTORS. MAXIMUM LENGTH 90 METERS (295'). CABLE COLOR SHALL BE BLUE FOR DATA AND GRAY FOR CAMERA. TERMINATE BLUE CABLES AT PATCH PANEL "DATA" AND THE GRAY CABLES AT PATCH PANEL "CAMERA".
3. EQUIPMENT PATCH CORDS. CATEGORY 6, FOUR-PAIR 100-OHM UTP CABLE WITH 24 AWG SOLID PAIR CONDUCTORS. PROVIDE BLUE FOR "DATA" AND GRAY FOR "CAMERA".
4. 48-PORT MANAGED NETWORK POE SWITCH EQUAL TO UNIFI (UBIQUITI NETWORKS) US-48-500W.
5. 96 PORT MODULAR OPEN BLADE PATCH PANEL "DATA"; SEE PATCH PANEL SCHEDULE. PROVIDE BLUE SNAP-IN, CAT 6 RATED, 8-POSITION (RJ45) JACKS.
6. TELECOMMUNICATIONS GROUNDING BUSBAR (TGB), EQUAL TO HARGER GBI14412J.
7. 24-PORT POE SWITCH EQUAL TO UNIFI (UBIQUITI NETWORKS) USW-PRO-24-POE.
8. ENTERPRISE SECURITY GATEWAY EQUAL TO UNIFI (UBIQUITI NETWORKS) UDM-PRO.
9. NETWORK VIDEO RECORDER EQUAL TO UNIFI (UBIQUITI NETWORKS) UNVR.
10. CCTV CAMERA EQUAL TO UNIFI (UBIQUITI NETWORKS) PROTECT G3 INSTANT FOR INDOOR LOCATIONS AND G3 PRO FOR EXTERIOR LOCATIONS.
11. ACCESS POINT EQUAL TO UNIFI (UBIQUITI NETWORKS) UAP-AC-PRO.
12. CABLE TO GATEWAY AS RECOMMENDED BY UTILITY.
13. ONE #4 CU GROUNDING ELECTRODE CONDUCTOR IN 1" CONDUIT TO BUILDING GROUND.



RACK EQUIPMENT SCHEDULE

COMMUNICATION EQUIPMENT RACK, 7 FT FLOOR MOUNT 2 POST, BLACK IN COLOR.

2. VERTICAL CABLING DISTRIBUTION SECTION AS A PART OF THE COMMUNICATIONS RACK.
3. PATCH PANEL "DATA". 96-PORT MODULAR OPEN BLADE PATCH PANEL WITH SNAP-IN BLUE 8-POSITION (RJ45) JACKS.
4. ENTERPRISE SECURITY GATEWAY
5. UPS; EATON 5PX2200RT 2KVA RACK MOUNT WITH NETWORK CARD. PROVIDE MINIMUM 12 FT POWER CORD
6. 24-PORT MANAGED NETWORK POE SWITCH.
7. HEAVY DUTY EQUIPMENT SHELF EQUAL TO CHATSWORTH PRODUCTS 11164-219.
8. FRONT & REAR CABLE MANAGEMENT PANEL EQUAL TO PANDUIT #WMP1E. 3.5"HX19"WX8.4"D.
9. FRONT & REAR CABLE MANAGEMENT PANEL EQUAL TO PANDUIT #WMPLSE. 1.7"HX19"WX7.4"D.
10. 24-PORT POE SWITCH.
11. NETWORK VIDEO RECORDER.

RACK ELEVATION

SCALE: 1-1/2" = 1'-0"

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SHEET TITLE: TELECOM DATA RISER & DETAILS

ADDITIONS & ALTERATIONS
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4060 GOVENOR RICK SCOTT DR. MARIANNA, FLORIDA
FOR:
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