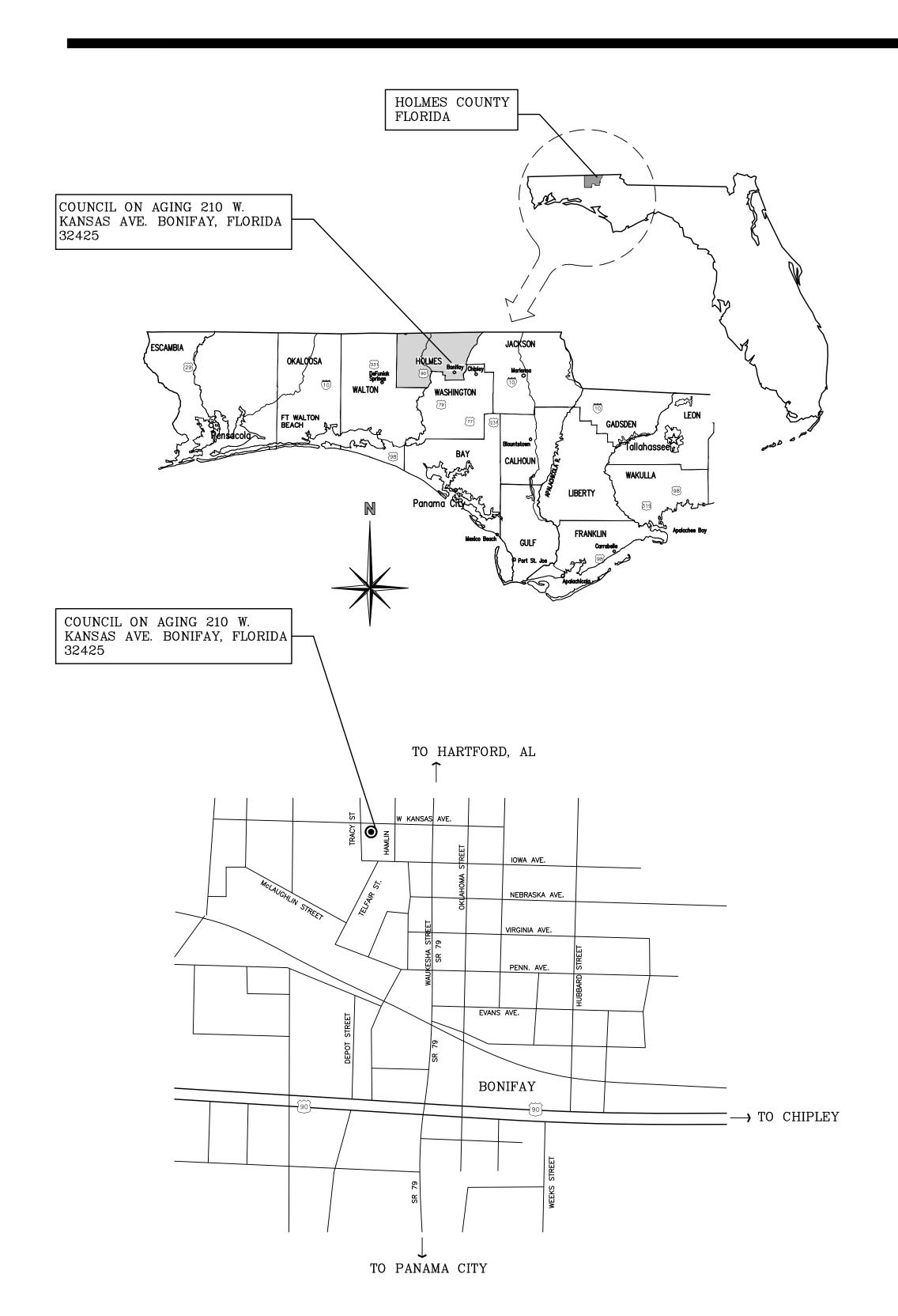


ADDITIONS AND RENOVATIONS HOLMES COUNTY COUNCIL ON AGING

210 W. KANSAS AVE. BONIFAY, FLORIDA



HOLMES COUNTY BOARD OF

COUNTY COMMISIONERS

JEFF GOOD DISTRICT BRANDON NEWSOM DISTRICT 2 DISTRICT 3 PHILLIP MUSIC DISTRICT 4 EARL STAFFORD DISTRICT 5 CLINT JACKSON COUNTY ADMINISTRATOR DAVID CORBIN MICHAEL BROWN H.C.C.O.A. DIRECTOR

PROJECT DESIGN

TEAM

■ DONOFRO ARCHITECTS

DAVID WATFORD - E.O.R - FLORIDA LICENSE # - PE58208

ANTHONY DAVIS - E.O.R - FLORIDA LICENSE # - PE57419

■ WATFORD ENGINEERING INC.

4471 CLINTON ST. MARIANNA, FLORIDA

PAUL DONOFRO JR. AIA - ARCHITECT - A.O.R - AR0011148 CIVIL ENGINEER 4428 LAFAYETTE ST. MARIANNA, FLORIDA STRUCTURAL ENGINEER

BARKLEY CONSULTING ENGINEERS INC. 2840 REMINGTON CIRCLE (850) - 297 - 0440 DOUGLAS R. BARKLEY M.S., P.E. FL. P.E. # 49090 MECHANICAL ENGINEER ■ WATFORD ENGINEERING INC. 4471 CLINTON ST. MARIANNA, FLORIDA (850) 526-3447

ARCHITECT OF RECORD

ELECTRICAL ENGINEER

PROJECT INFORMATION

(850) 526-3447

- * OCCUPANCY CLASSIFICATION: CLINIC GROUP 'B' BUSINESS
- * CONSTRUCTION TYPE: TYPE (5)V-B
- * GROSS BUILDING SQUARE FOOTAGE: =5450 G.S.F.
- * OCCUPANT LOAD: = 54 PERSONS
- * EXIT ACCESS TRAVEL DISTANCE SHALL NOT EXCEED 200'
- * AUTOMATIC FIRE SPRINKLER SYSTEM NOT REQUIRED
- * PORTABLE FIRE EXTINGUISHERS REQUIRED / PROVIDED
- * FIRE ALARM & DETECTION SYSTEM NOT REQUIRED

CODES

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

		INDEX TO DRAWINGS
SECTION NAME	SHT. No.	CONTENTS
COVER		INDEX OF DRAWINGS * PROJECT DIRECTORY * PROJECT LOCATION
	C-1	EXISTING CONDITIONS & DEMOLITION PLAN
CIVIL	C-2	SITE & DIMENSION PLAN
OIVIL	C-3	GRADING AND DRAINAGE PLAN
	C-4	UTILITY PLAN
	C-5	STORMWATER POLLUTION PREVENTION PLAN
	C-6	SITE DETAILS
	D-1.0	DEMOLITION FLOOR PLAN * DEMOLITION NOTES
	D-1.1	DEMOLITION REFLECTED CEILING PLAN
	A-1.0	NEW WORK FLOOR PLAN * LEGEND * NOTES
	A-1.1	FOOD SERVICE EQUIPMENT SCHEDULE * ENLARGED PARTIAL FLOOR PLANS * INTERIOR ELEVATIO
A DOLUTEOTUDA I	A-2.0	ROOM FINISH SCHEDULE * DOOR SCHEDULE * DOOR TYPES * FRAME TYPES * WINDOW TYPES
ARCHITECTURAL	A-3.0	NORTH AND EAST EXTERIOR BUILDING ELEVATIONS
	A-3.1	SOUTH AND WEST EXTERIOR BUILDING ELEVATIONS
	A-4.0	CONSTRUCTION SECTION
	A-4.1	CONSTRUCTION SECTIONS * CONSTRUCTION DETAILS
	A-5.0	ROOF DEMOLITION PLAN * NEW WORK ROOF PLAN
	A-6.0	REFLECTED CEILING PLAN * LEGEND
	S-0.1	GENERAL NOTES
	S-1.1	FOUNDATION PLAN
	S-1.2	FOUNDATION DETAILS
	S-1.3	FRAMING PLAN
STRUCTURAL	S-2.1	WALL SECTIONS
	S-2.2	SECTION @ DORMER
	S-3.1	TYPICAL FRAMING DETAILS
	S-3.2	TYPICAL CONNECTION DETAILS
	P-0.1	PLUMBING LEGEND * SCHEDULE * DETAILS * NOTES
	P-0.2	PLUMBING DETAILS
DI LIMBING	P-0.3	PLUMBING SPECIFICATIONS
PLUMBING	P-1.0	PLUMBING DEMOLITION FLOOR PLANS
	P-2.0	PLUMBING NEW WORK FLOOR PLAN
	P-3.0	PLUMBING RISER DIAGRAMS
	M-0.1	H.V.A.C. LEGEND * SCHEDULE * NOTES
	M-0.2	H.V.A.C. SCHEDULES
	M-1.0	H.V.A.C. DEMOLITION FLOOR PLAN
MECHANICAL	M-2.0	H.V.A.C. NEW WORK FLOOR PLAN
	M-3.0	H.V.A.C. DETAILS
	M-3.1	H.V.A.C. DETAILS
	E-0.1	ELECTRICAL LEGEND *SCHEDULES * DETAILS * NOTES
	E-0.2	ELECTRICAL POWER RISER
ELECTRICAL	E-1.0	ELECTRICAL DEMOLITION PLAN
	E-2.0	POWER PLAN
	E-3.0	LIGHTING PLAN

PROJECT ABBREVIATIONS

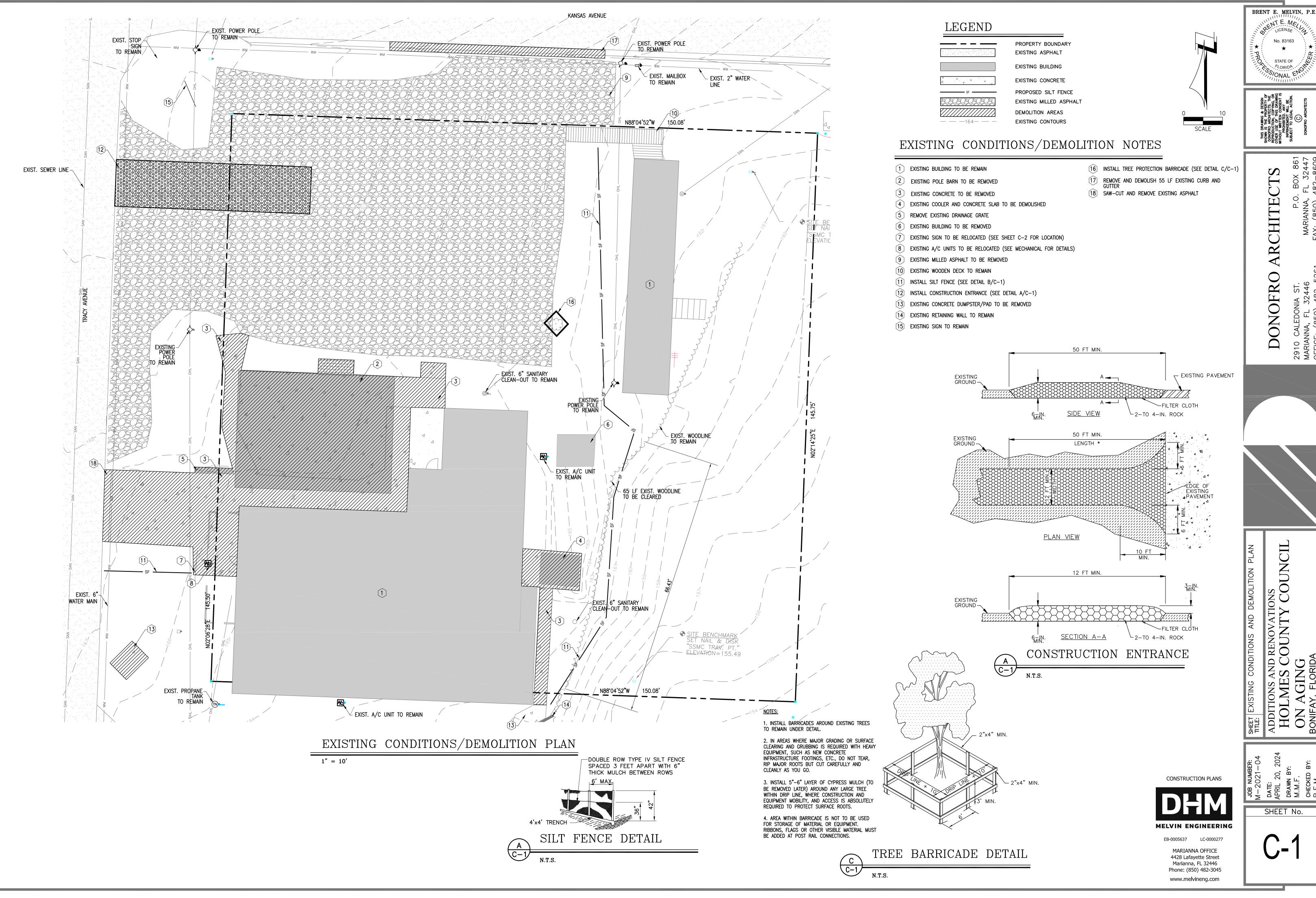
©	AT	CORR	CORRIDOR	GYP	GYPSUM	R.D.	ROOF DRAIN
A/C	AIR CONDITIONING	DET	DETAIL	НС	HANDICAPPED	REINF	REINFORCEMENT
A.F.F.	ABOVE FINISH FLOOR	DWG	DRAWING	HVAC	HEATING, VENTILATION AND A/C	SCHED	SCHEDULE
LUM	ALUMINUM	EA	EACH	м.о.	MASONRY OPENING	SHT	SHEET
BRG	BEARING	E.F.	EXHAUST FAN	MTD	MOUNTED	SIM	SIMILAR
BLK	BLOCK	ELEV	ELEVATION	MTL	METAL	SQ	SQUARE
COL	COLUMN	ELEC	ELECTRICAL	N.I.C.	NOT IN CONTRACT	S.S.	STAINLESS STEEL
C.M.U.	CONCRETE MASONRY UNIT	E.O.R.	EDGE OF ROOF	NO.	NUMBER	STL	STEEL
ONC	CONCRETE	EXT	EXTERIOR	O.C.	ON CENTER	SVC	SERVICE
OND	CONDENSING	F.F.	FINISHED FLOOR	0.S.B.	ORIENTED STRAND BOARD	TYP	TYPICAL
CONN	CONNECTION	GA	GAUAGE	PAINT	PAINTED	U.N.O.	UNLESS NOTED OTHERWIS
CONT	CONTINUOUS	GAL	GALVANIZED	P.T.	PRESSURE TREATED	VERT	VERTICAL/VERTICALLY
		GALV	GALVALUME	PW	PLYWOOD	VISQ	VISQUEEN
						w/	WITH

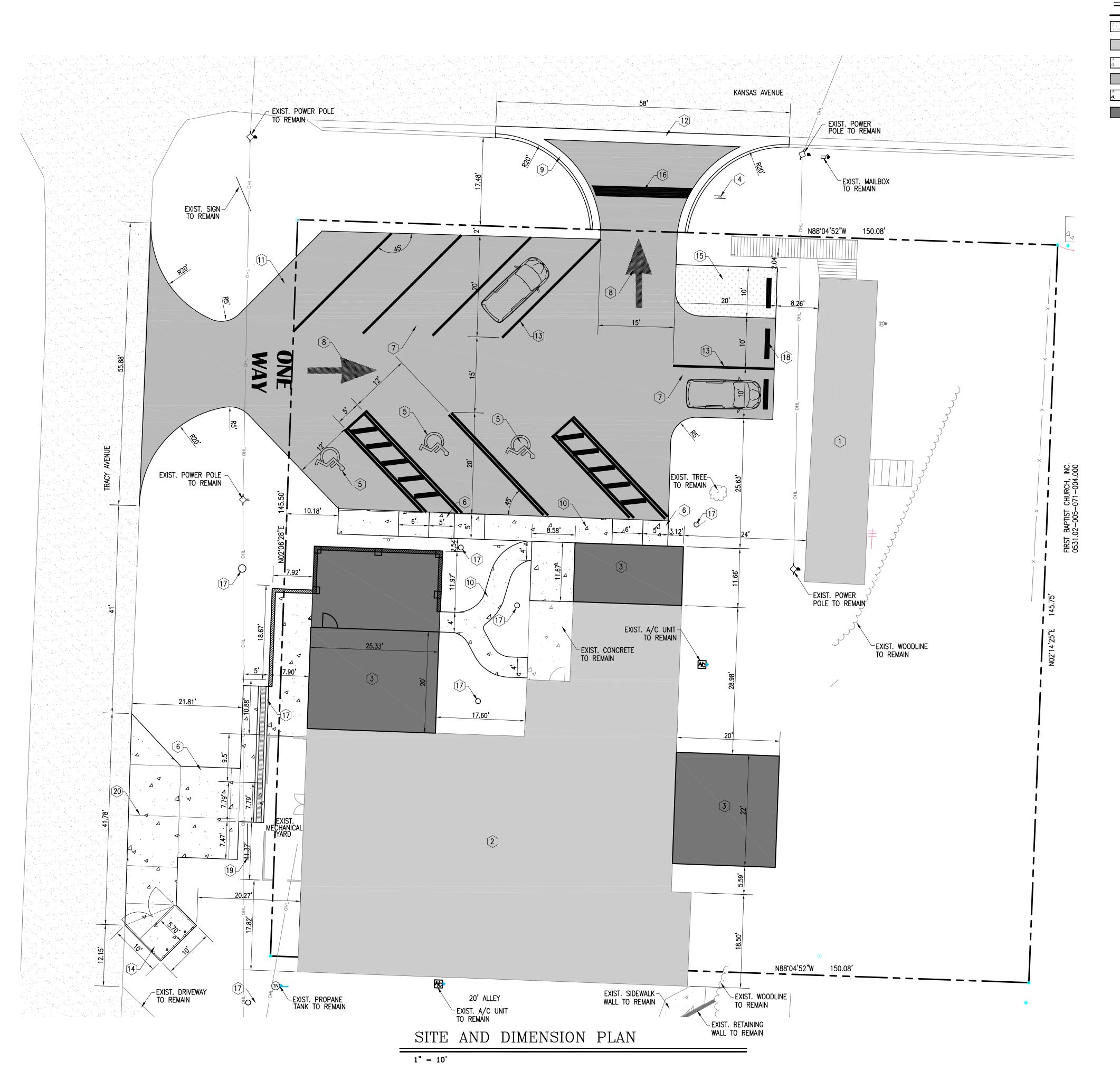
DONOFRO | ARCHITECTS

2910 CALEDONIA MARIANNA FLORIDA 850-482-5261

JOB NUMBER: M-2021-04 DATE: APRIL 20, 2024







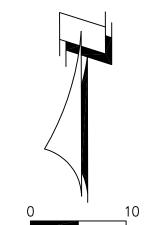
LEGEND

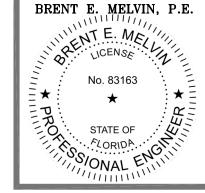
PROPERTY BOUNDARY EXISTING ASPHALT EXISTING BUILDING

EXISTING CONCRETE

PROPOSED ASPHALT PROPOSED CONCRETE

PROPOSED BUILDING







DONOFRO

SITE NOTES

- 1 EXISTING BUILDING TO REMAIN
- EXISTING BUILDING TO BE RENOVATED (SEE ARCHITECTURAL FOR DETAILS)
- 3) PROPOSED BUILDING ADDITION (SEE ARCHITECTURAL FOR DETAILS)
- 4 INSTALL CO-MOUNTED 30"x30" STOP SIGN AND 'DO NOT ENTER' SIGN
- PROPOSED HANDICAP PARKING SPACE (SEE DETAIL B/C-6)
- [6] INSTALL 6" THICK CONCRETE PAVEMENT WITH FIBER MESH. CONSTRUCTION JOINTS MAX. SPACING SHALL
- 10'. MAX. EXPANSION JOINT SPACING SHALL BE 100' AND NEXT TO BUILDING.
- 7 PROPOSED REGULAR PARKING SPACE (SEE DETAIL C/C-6)
- (8) INSTALL DIRECTIONAL ARROW STRIPING (TRAFFIC PAINT)
- 9 Install type F curb (see detail F/C-6)
- (10) INSTALL CONCRETE SIDEWALK (SEE DETAIL E/C-6)
- (11) INSTALL ASPHALT PAVEMENT (SEE DETAIL A/C-6)
- 12 INSTALL 55 LF DROP CURB (SEE DETAIL G/C-6)
- INSTALL 4" WHITE STRIPE (TRAFFIC PAINT)
- 14 INSTALL 10'x10'x8" THICK CONCRETE DUMPSTER PAD WITH FIBER MESH, (2) 4"Ø CONCRETE BOLLARDS AND 6' TALL PRIVACY FENCE WITH (2) SWING GATES
- [15] PROPOSED 10'x20' GRASS PARKING SPACE
- (16) INSTALL 24" WIDE WHITE STOP BAR (TRAFFIC PAINT)
- [17] PROPOSED STORMDRAIN (SEE DETAIL I/C-6)
- [18] INSTALL CONCRETE BUMPER GUARD (SEE DETAIL H/C-6) OR APPROVED EQUAL
- (19) PROPOSED RELOCATION OF EXISTING SIGN
- 20 PROPOSED CONSTRUCTION JOINT

SITE STATISTICS

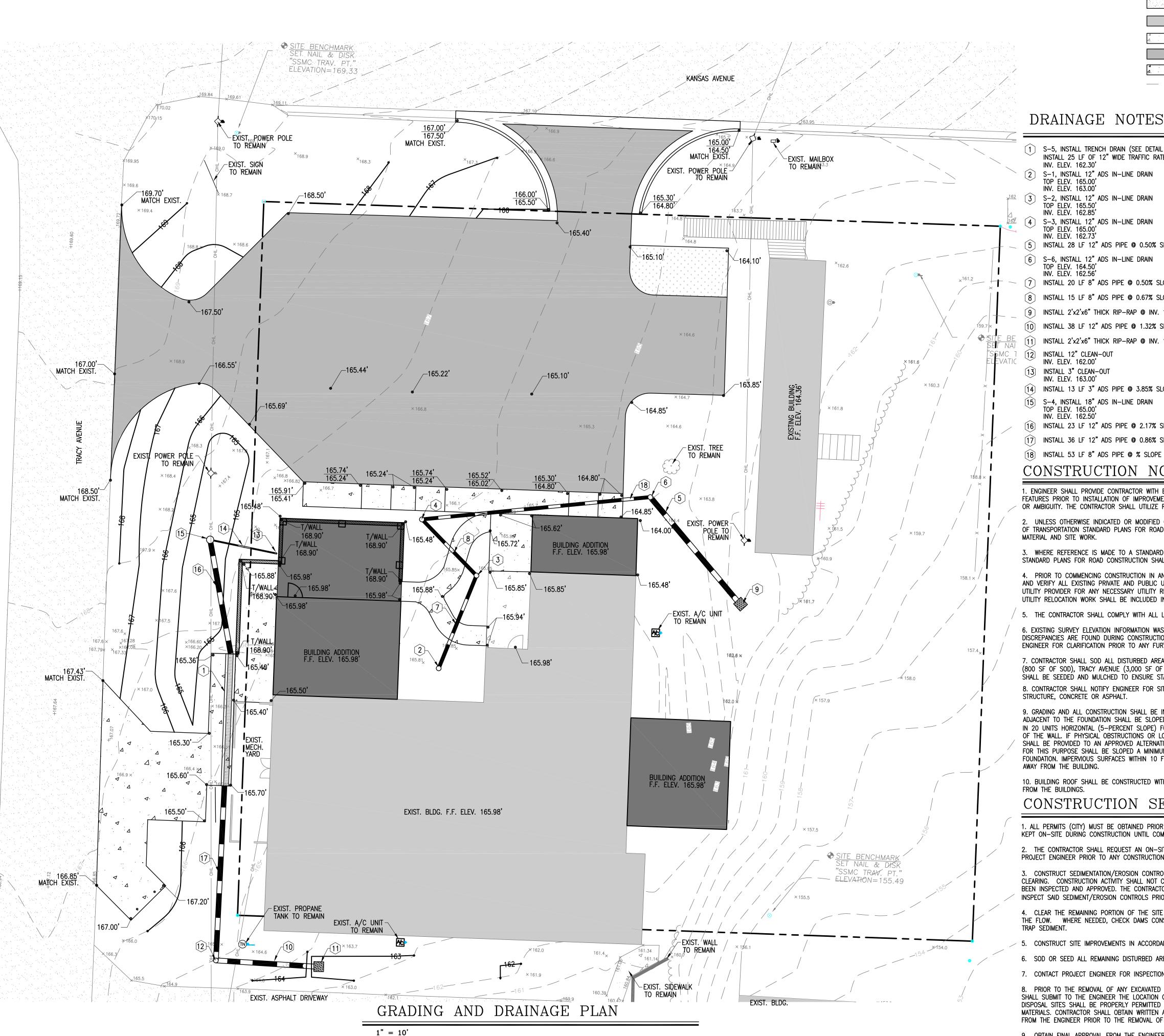
Property Tax ID #(s):		0531.02-005-071-001.00				
Site Address:		Tracy Street Bonifay, Florida				
Owner:		Holmes County Council on Agin	g			
Engineer:		David H. Melvin, Inc.				
<u>Utilities:</u>						
Water		City of Bonifay				
Sewer		City of Bonifay				
Land Use:		Public				
Flood Zone:	12059C02	45D, Zone X				
Site Data Table						
Total Development Area (SF):		21,780	SF	0.50	AC
Existing Impervious Area	(SF):		11,358	SF	52.15	%
Building Area (Remo	oved 1,280 S	SF)	5,087	SF	23.36	%
Asphalt Millings Are	a (Removed	d 5,083 SF)	5,083	SF	23.34	%
Concrete Area (Rem	oved 918 SF	=)	1,188	SF	5.45	%
Proposed Impervious Area	a (SF):		6,853	SF	31.46	%
Building Addition			1,607	SF	7.38	%
Concrete Area			740	SF	3.40	%
Asphalt Area			4,506	SF	20.69	%
Pre-Post Impervious Area	<u>Total</u>		10,930	SF	50.18	%
Existing Impervious	Area To Rei	main:	4,077	SF	18.72	%
Existing Impervious	Area Remo	ved:	7,281	SF	33.43	%
Parking Data						
Required Parking Spaces:						
Council on Aging Center (2	2 space/1,00	00 SF; 5,056 SF)	10	Spaces		
Handicap Parking Spaces (3 spaces/1	space per 25 reg/spaces):	3	Spaces		
Total Required Parking Sp	aces:		10	Spaces		
Total Number of Spaces P	rovided (Ind	cludes 3 Handicap Spaces):		Spaces		

CONSTRUCTION PLANS



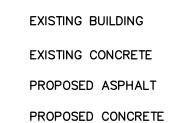
EB-0005637 LC-0000277 MARIANNA OFFICE 4428 Lafayette Street Marianna, FL 32446 Phone: (850) 482-3045

www.melvineng.com



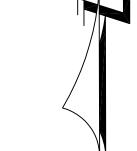
LEGEND

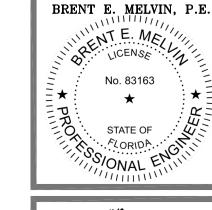
PROPERTY BOUNDARY EXISTING ASPHALT



EXISTING CONTOURS

PROPOSED SPOT ELEVATION







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RENOVATIONS OUNTY CO ADDITIONS A HOLME ON AGIN

SHEET No.

CONSTRUCTION PLANS

MELVIN ENGINEERING

EB-0005637 LC-0000277

MARIANNA OFFICE

4428 Lafayette Street

Marianna, FL 32446

Phone: (850) 482-3045

www.melvineng.com

1 S-5, INSTALL TRENCH DRAIN (SEE DETAIL H/C-6) INSTALL 25 LF OF 12" WIDE TRAFFIC RATED TRENCH DRAIN W/CONC. 6" MIN. EACH SIDE INV. ELEV. 162.30'

`−164.10**'**

- 2 S-1, INSTALL 12" ADS IN-LINE DRAIN TOP ELEV. 165.00' INV. ELEV. 163.00'
- (3) S-2, INSTALL 12" ADS IN-LINE DRAIN TOP ELEV. 165.50' INV. ELEV. 162.85'
- (4) S-3, INSTALL 12" ADS IN-LINE DRAIN TOP ELEV. 165.00' INV. ELEV. 162.73'
- INSTALL 28 LF 12" ADS PIPE @ 0.50% SLOPE
- S-6, INSTALL 12" ADS IN-LINE DRAIN
- TOP ELEV. 164.50' INV. ELEV. 162.56'
- INSTALL 20 LF 8" ADS PIPE @ 0.50% SLOPE
- INSTALL 15 LF 8" ADS PIPE @ 0.67% SLOPE
- INSTALL 2'x2'x6" THICK RIP-RAP @ INV. 162.40'
- INSTALL 38 LF 12" ADS PIPE @ 1.32% SLOPE
- 11) INSTALL 2'x2'x6" THICK RIP-RAP @ INV. 161.50'
- [12] INSTALL 12" CLEAN-OUT INV. ELEV. 162.00'
- INSTALL 3" CLEAN-OUT INV. ELEV. 163.00'
- 14 INSTALL 13 LF 3" ADS PIPE @ 3.85% SLOPE
- TOP ELEV. 165.00' INV. ELEV. 162.50'
- 16 INSTALL 23 LF 12" ADS PIPE @ 2.17% SLOPE
- 17) INSTALL 36 LF 12" ADS PIPE @ 0.86% SLOPE

S-4, INSTALL 18" ADS IN-LINE DRAIN

18 INSTALL 53 LF 8" ADS PIPE @ % SLOPE

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

UNLESS OTHERWISE INDICATED OR MODIFIED ON THE PLANS OR IN THE SPECIFICATIONS, THE CURRENT FLORIDA DEPARTMENT 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 CITY, 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. EXISTING SURVEY ELEVATION INFORMATION WAS OBTAINED FROM SOUTHEASTERN SURVEYING AND MAPPING, CORP. IF ANY DISCREPANCIES ARE FOUND DURING CONSTRUCTION WITH EXISTING ELEVATION INFORMATION THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION PRIOR TO ANY FURTHER CONSTRUCTION OR INSTALLATION OF IMPROVEMENTS.

7. CONTRACTOR SHALL SOD ALL DISTURBED AREA AND RE-GRADE SMOOTH ALL AREAS WITHIN KANSAS AVENUE RIGHT-OF-WAY (800 SF OF SOD), TRACY AVENUE (3,000 SF OF SOD) AND ON-SITE AREAS (2,000 SF). 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 SHALL BE CONSTRUCTED WITH GUTTERS AND DOWNSPOUTS TO PROVIDE POSITIVE DRAINAGE CONVEYANCE AWAY FROM THE BUILDINGS.

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.

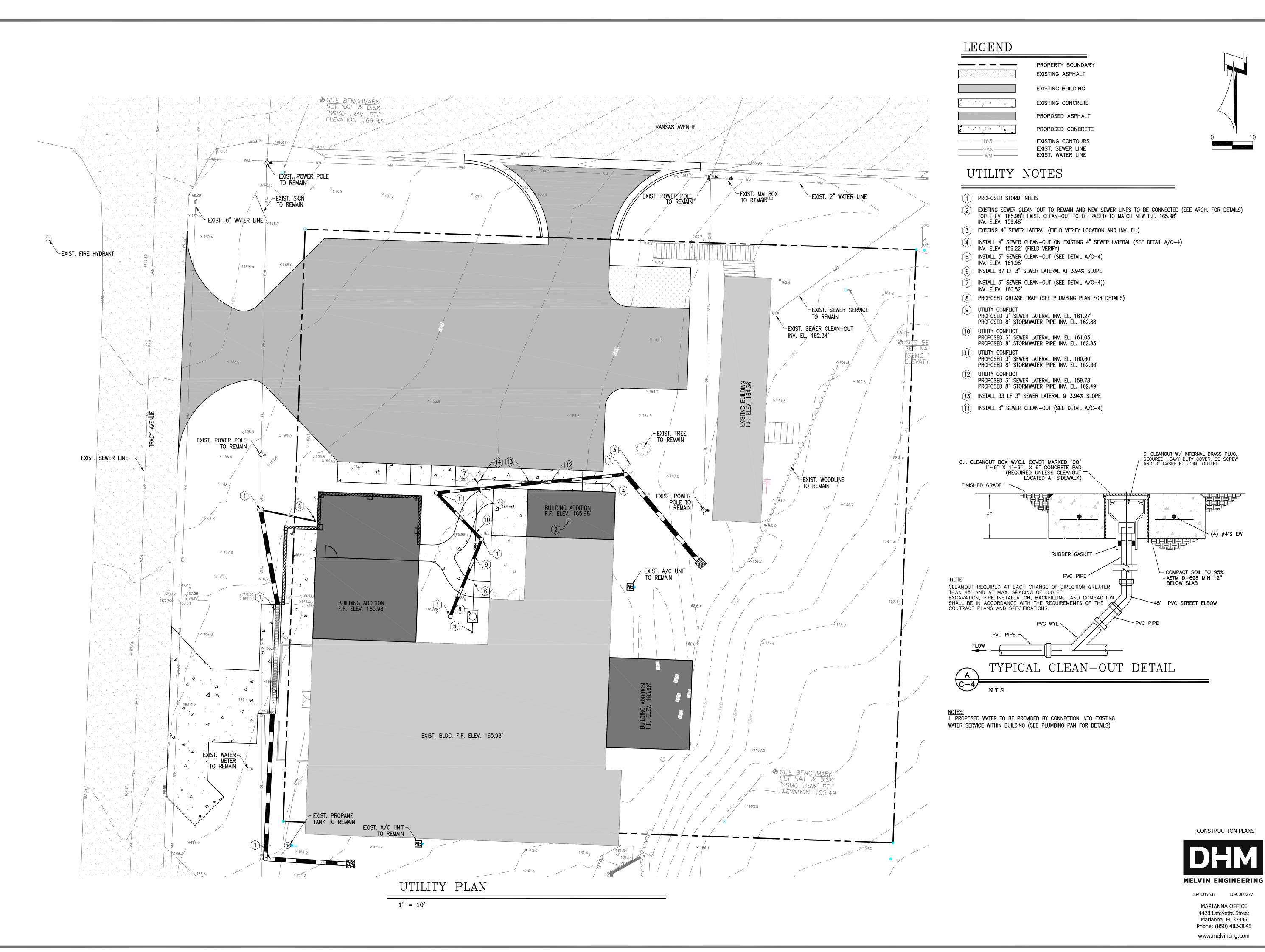
5. CONSTRUCT SITE IMPROVEMENTS IN ACCORDANCE WITH THE APPROVED PLANS.

6. 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.



BRENT E. MELVIN, P.E. No. 83163 STATE OF SONAL .



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ODITIONS AND RENOVATIONS
HOLMES COUNTY COUNCIL

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: HOLMES
SECTION, TOWNSHIP, RANGE: 31, 5N, 14W
COUNTY PARCEL NO.: 0531.02-005-071-001.0

STREET ADDRESS: KANSAS AVENUE, BONIFAY, FLORIDA PROJECT AREA: 0.48-ACRES±
SITE LOCATION MAP: REFER TO CONSTRUCTION PLANS

A. NATURE OF CONSTRUCTION ACTIVITY

THE PROJECT IS COMPRISED OF THE CONSTRUCTION OF A BUILDING ADDITION AND VEHICULAR USE AREA MODIFICATIONS.

ANTICIPATED START DATE: APRIL 2025
ANTICIPATED COMPLETION DATE: DECEMBER 2025

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).
- THE CONSTRUCTION SERVICE ENTRANCE SHALL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF-SITE TRACKING OF SEDIMENTS.
 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
- 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
- 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: 0.48-ACRES±
TOTAL SITE AREA TO BE DISTURBED: 0.18-ACRES±

RUNOFF COEFFICIENTS:

PRE-DEVELOPMENT 'C' FACTOR: 0.75
POST-DEVELOPMENT 'C' FACTOR: 0.75

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#LOCATIONRECEIVING WATERBODYN/AN/AHOLMES CREEK

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 CONTROLLEÓ.

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
- 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

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

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:

SHALL BE INITIATED WITHIN 24 HOURS OF BEING REPORTED.

- 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 FLIMINATION 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 NEWRESPONSIBLE 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 Date installed / Current Condition (see Corrective Action / Other Remarks below)

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 19. Reinforced soil retaining system . Silt Fence 10. Storm drain inlet protection 28. Tree protection . Earth dikes 11. Vegetative buffer strip 20. Gabion 29. Detention pond . Structural diversion 12. Vegetative preservation area 1. Sediment Basin 30. Retention pond 13. Retention Pond 22. Temporary seed / sod 4. Swale 31. Waste disposal / housekeeping 14. Construction entrance stabilization 23. Permanent seed / sod 5. Sediment Trap 15. Perimeter ditch 24. Mulch 6. Check dam 33. Sand Bag 16. Curb and gutter 25. Hay Bales 34. Other . Subsurface drain

26. Geotextile

27. Rip-rap

Inspector Information:

8. Pipe slope drain

9. Level spreaders

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."

		
ne (Responsible Authority)	Date	

7. Paved road surface

18. Rock outlet protection

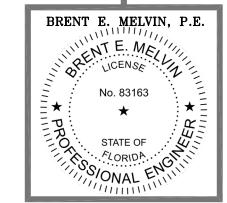
CONTRACTOR/SUBCONTRACTOR CERTIFICATION STATEMENT

SITE NAME:
SITE LOCATION:

NOTE: THE STORMWATER POLLITION 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:

"1 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





P.O. BOX 861 RIANNA, FL 32447

> NIA ST. 32446 M

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TO RENOVATIONS

COUNTY COUNCIL

BER:
SHEET STORMWA:
1-04
ADDITIONS A
HOLMES
3Y:
ON!

JOB NUMBER:

M-2021-04

DATE:

APRIL 20, 2024

DRAWN BY:

M.M.F.

SHEET No.

MARIANNA OFFICE
4428 Lafayette Street
Marianna, FL 32446
Phone: (850) 482-3045
www.melvineng.com

CONSTRUCTION PLANS

MELVIN ENGINEERING

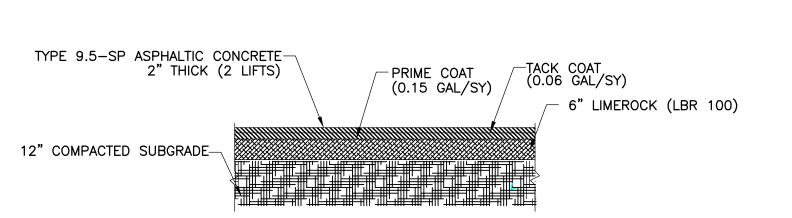
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SECTIONS) SHALL BE COMPACTED TO 98% MODIFIED UNTIL ENGINEER HAS OBSERVED PROOF ROLLING PROCTOR. BORROW MATERIAL, IF REQUIRED, IS TO OF THE BASE AND ISSUED WRITTEN AUTHORIZATION BE PROVIDED BY THE CONTRACTOR AND SHALL HAVE A MINIMUM LBR VALUE OF 40.

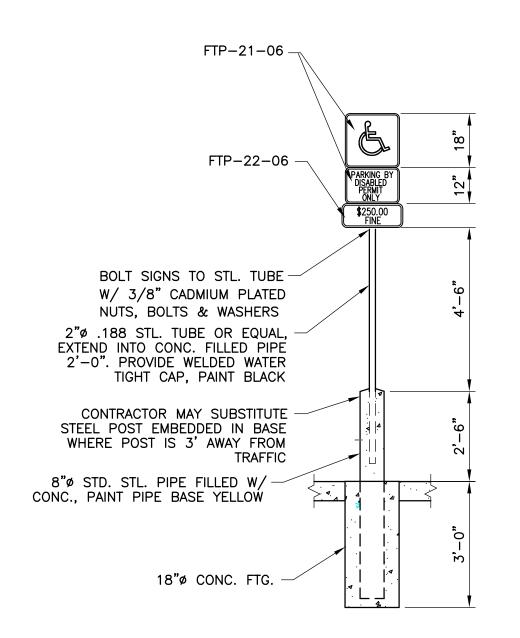
2. SOIL COMPACTION AND BASE INPLACE TESTING SHALL BE PERFORMED BY A CERTIFIED TESTING LAB AT THE EXPENSE OF THE CONTRACTOR. DENSITIES FOR FILL MATERIAL, BASE MATERIAL AND OTHER AREAS WITH REQUIRED PERCENT OF COMPACTION SHALL BE TAKEN AT THE RATE OF ONE PER LIFT (6" MAXIMUM COMPACTED THICKNESS) PER 300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

1. SOIL UNDER ALL PAVED AREAS (FILL AND CUT 3. CONTRACTOR SHALL NOT PROCEED WITH PAVING TO PROCEED.

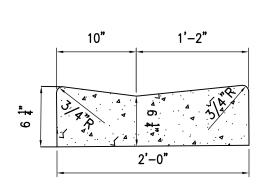


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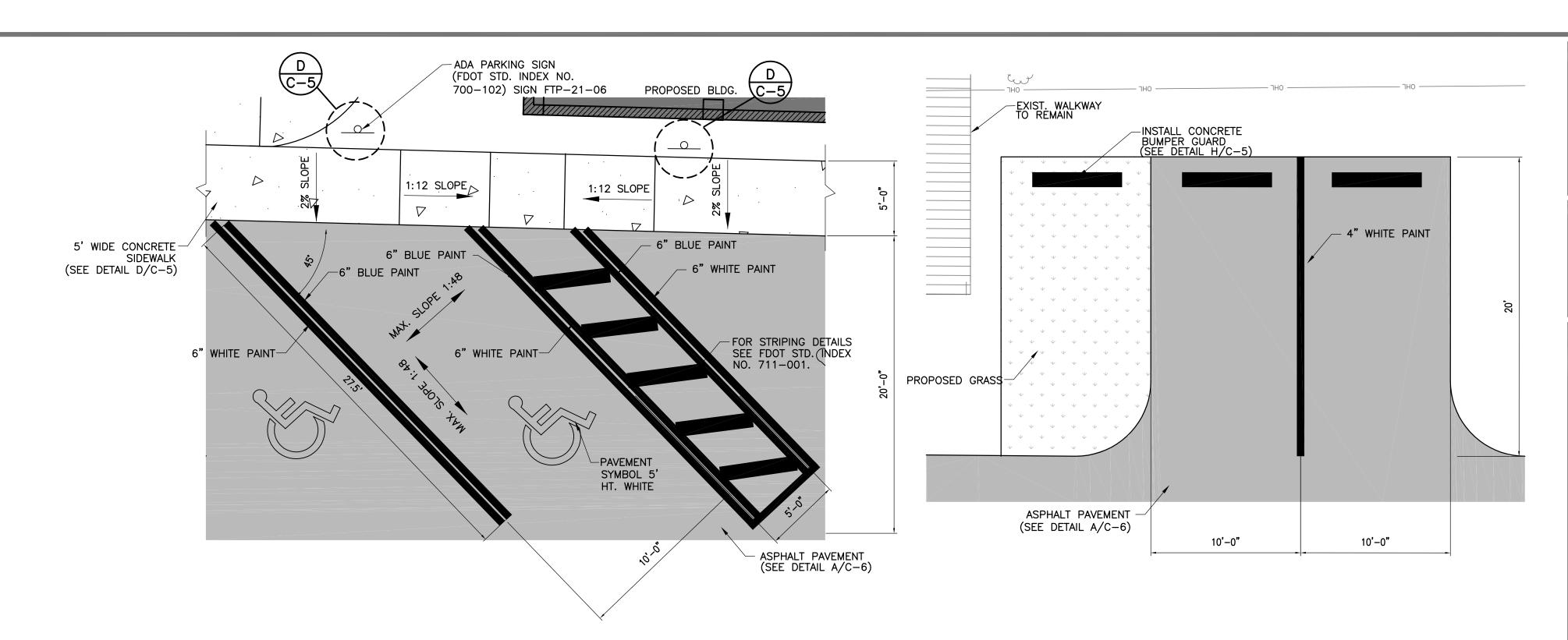




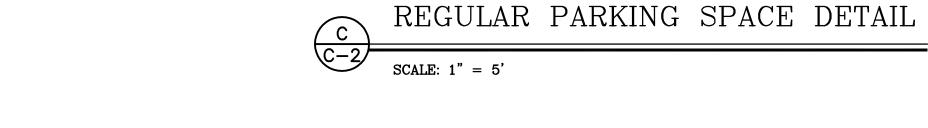


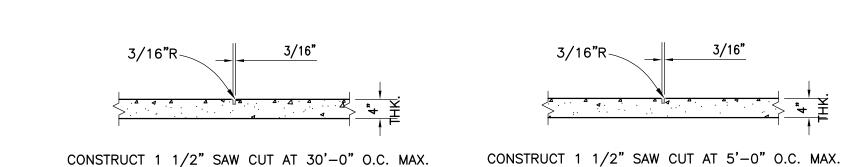




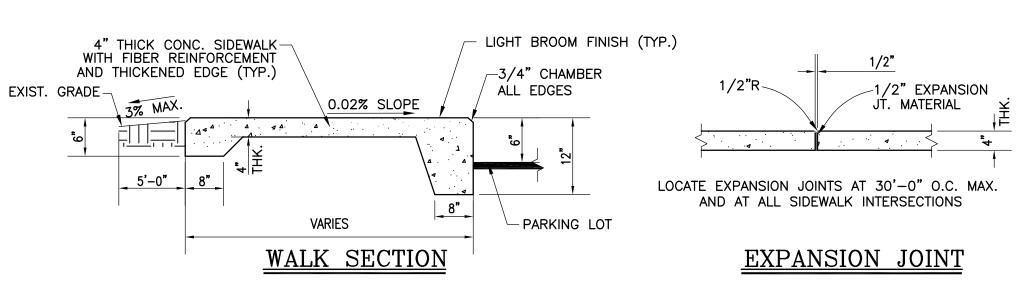




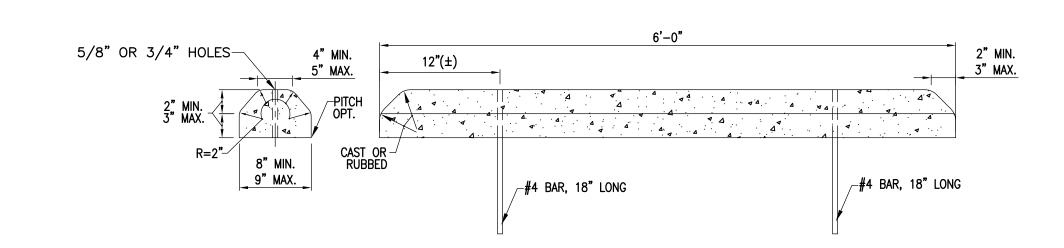




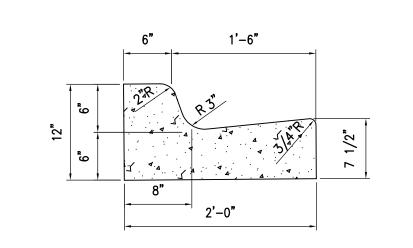
SAW CUT JOINT (12 HOUR) SAWCUT JOINT (96 HOUR)

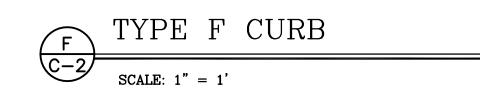


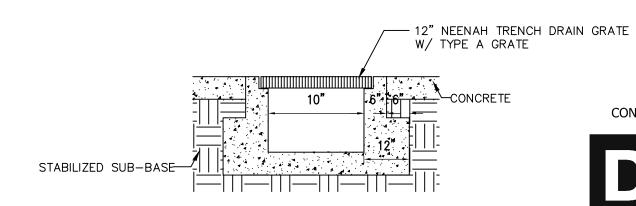
















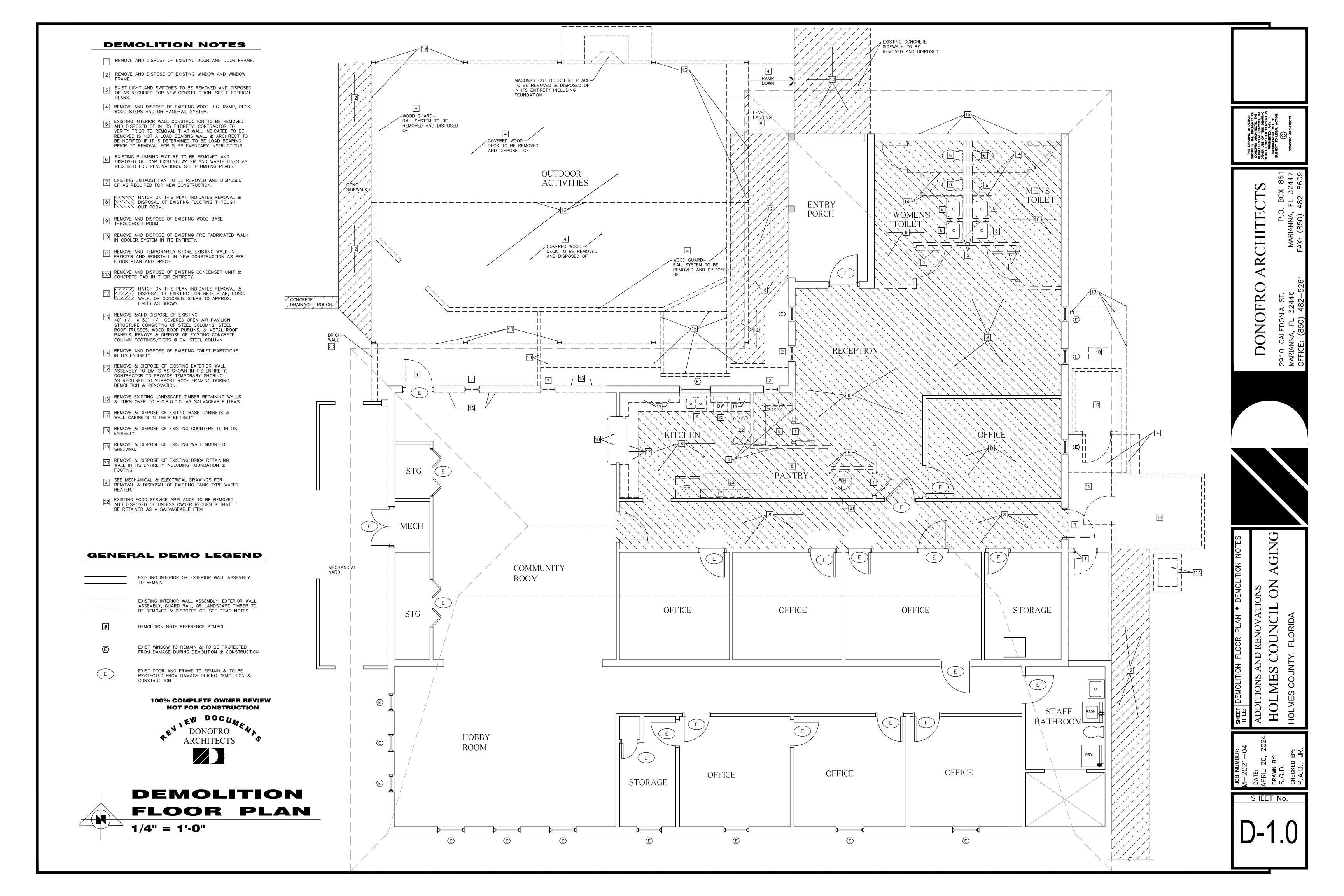


4428 Lafayette Street Marianna, FL 32446 Phone: (850) 482-3045 www.melvineng.com

BRENT E. MELVIN, P.E. ENT E. ME No. 83163 SIONAL L STATE OF

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DONOFRO



REFLECTED CEILING DEMOLITION NOTES

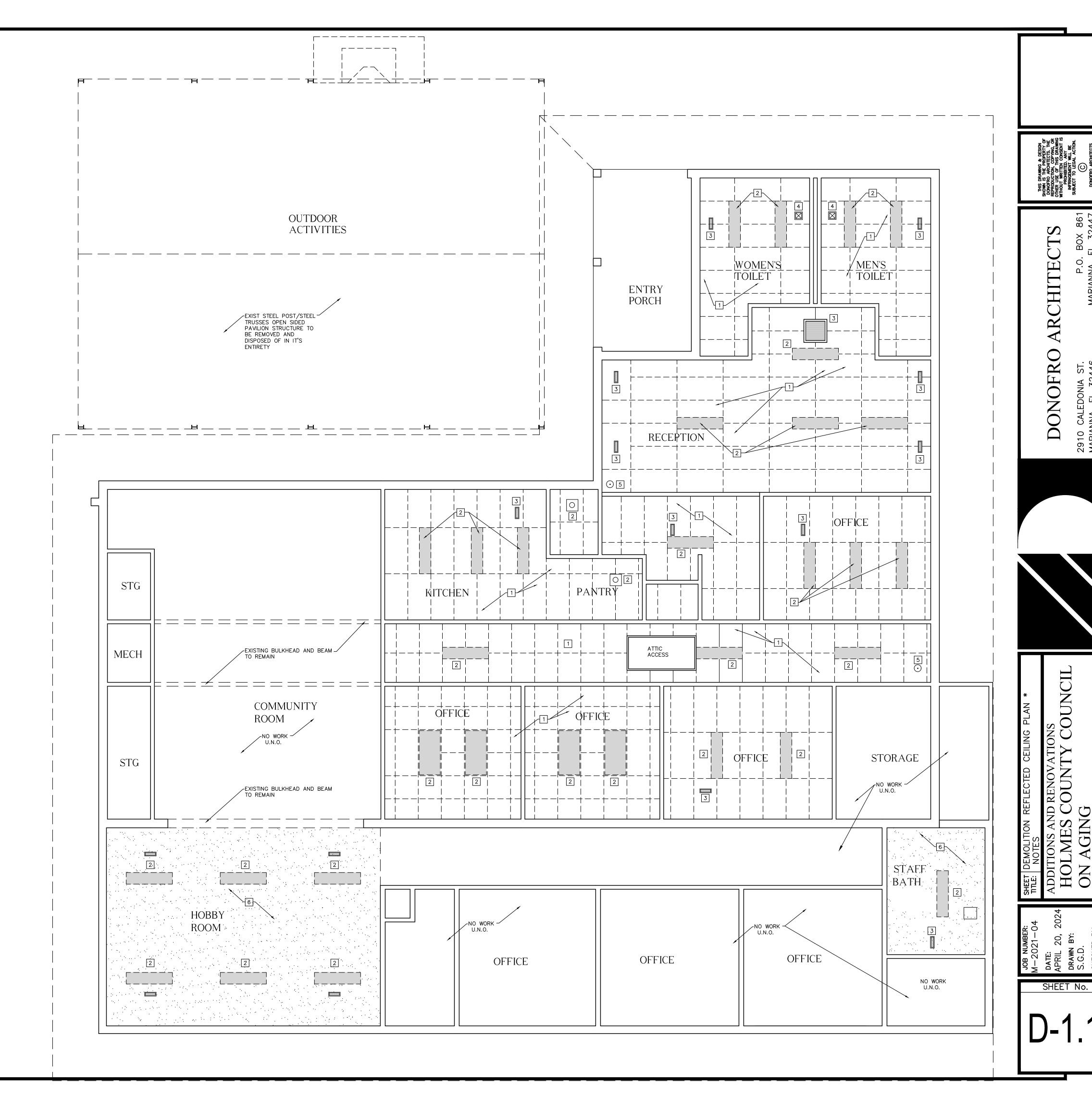
- REMOVE AND DISPOSE OF EXISTING CEILING TILES, CEILING GRID AND ABOVE CEILING INSULATION IN ITS ENTIRETY
- 2 REMOVE AND DISPOSE OF EXISTING LIGHT FIXTURE. SEE ELECTRICAL PLANS
- 3 REMOVE AND DISPOSE OF EXISTING HVAC DIFFUSER. SEE MECHANICAL PLANS
- REMOVE AND DISPOSE OF EXISTING EXHAUST FAN. SEE MECHANICAL PLANS
- REMOVE AND REINSTALL EXISTING ATTIC ACCESS AS REQUIRED FOR NEW CONSTRUCTION
- 5 REMOVE AND REINSTALL EXISTING SECURITY CAMERA AS REQUIRED FOR NEW CONSTRUCTION
- 6 REMOVE AND DISPOSE OF EXISTING GYP BOARD CEILING AND ABOVE CEILING INSULATION IN ITS ENTIRETY

100% COMPLETE OWNER REVIEW NOT FOR CONSTRUCTION

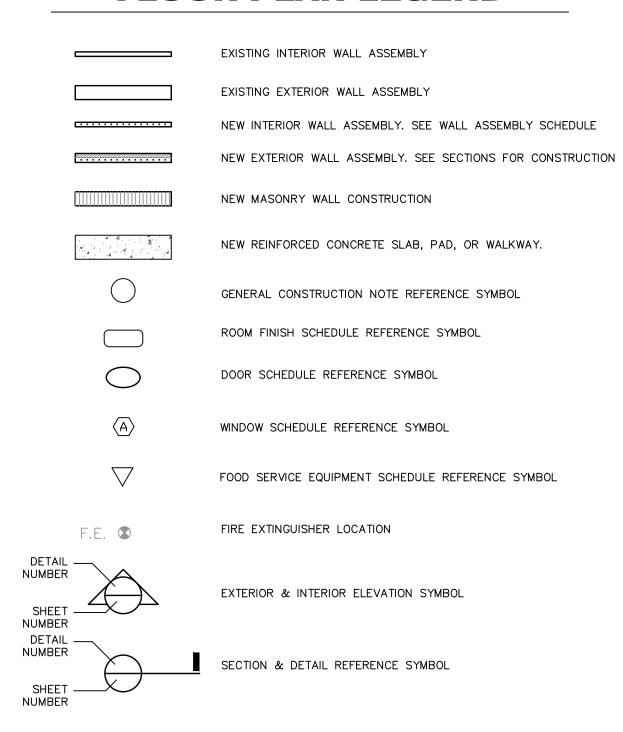


REFLECTED
CEILING
DEMOLITION
PLAN

1/4" = 1'-0"



FLOOR PLAN LEGEND

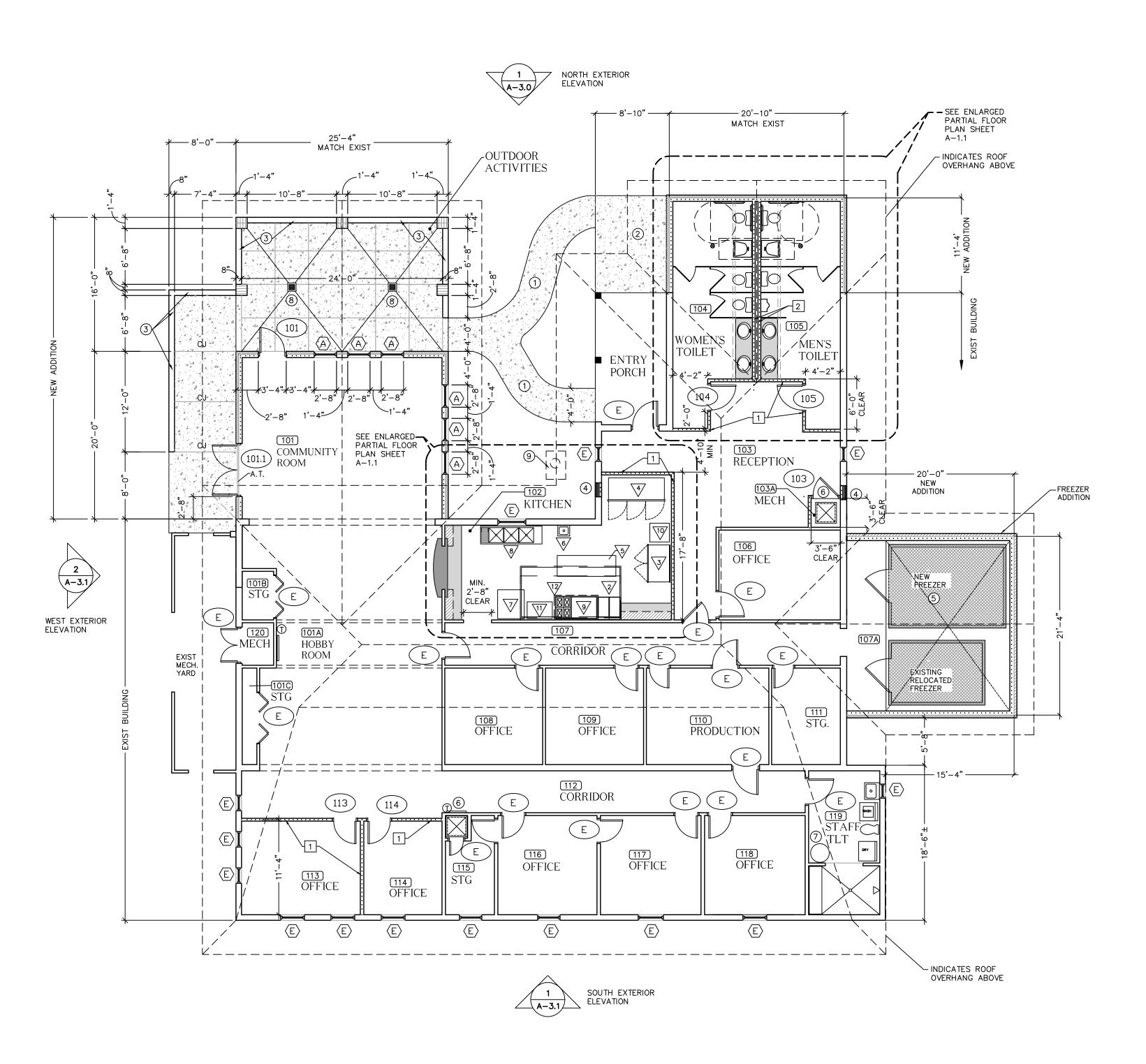


GENERAL CONSTRUCTION NOTES

- CONSTRUCT 4" THICK CONCRETE SIDEWALK AS SHOWN. REINF WITH 6x6 W1.4 xW1.4 W.W.M. TURN DOWN WALK EDGES 8"x8" AND PROVIDE LIGHT BROOM FINISH. PROVIDE TOOLED CONTROL JOINTS @ 5'-0" O.C. AND EXPANSION JOINTS @ 30'-0" O.C. MAX
- CONSTRUCT NEW 4" THICK CONCRETE ENTRANCE PORCH CONSTRUCTION AS SHOWN. REINF WITH 6x6 W1.4xW1.4 W.W.M. AND TURN DOWN PORCH EDGES 8"x8" AND PROVIDE LIGHT BROOM FINISH
- CONSTRUCT NEW C.M.U. RETAINING WALL. SEE ARCHITECTURAL SECTIONS AND STRUCTURAL DRAWINGS FOR CONSTRUCTION
- INFILL EXISTING WINDOW OPENING OR DOOR OPENING WITH 18 GA. GALV STEEL STUD FRAMING @ 16" O.C. AS REQUIRED FOR NEW EXTERIOR AND INTERIOR WALL FINISHES
- NEW PREFABRICATED FREEZER/REFRIGERATOR SEE FOOD SERVICE EQUIPMENT SCHEDULE AND SPEC,
- NEW H.V.A.C. FAN UNIT. SEE MECHANICAL DRAWINGS
- NEW TANK TYPE WATER HEATER. SEE PLUMBING DRAWINGS
- NEW FLOOR DRAIN. SEE CIVIL/PLUMBING DRAINGS. SLOPE CONCRETE DOWN MIN. 1/4"/FOOT
- PROVIDE AND INSTALL GREASE INTERCEPTOR. SEE PLUMBING DRAWINGS FOR DETAILS

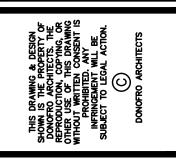
INTERIOR WALL ASSEMBLY SCHEDULE

- NEW WOOD STUD FRAMED WALL: 2x4 WOOD L.P.STUDS @ 16" O.C. WITH 5/8" GYP. BOARD DRYWALL EACH SIDE AND 3 1/2" SOUND BATTS IN BETWEEN STUDS. EXTEND WALL FRAMING UP TO EXISTING ROOF STRUCTURE.
- NEW WOOD STUD FRAMED CHASE WALL: 2x4 L.P.STUDS @ 16" O.C. WITH 5/8" GYP BOARD DRYWALL AT ROOM SIDE AND 3-1/2" FIBERGLASS SOUND BATTS IN BETWEEN STUDS. EXTEND WALL FRAMING UP TO EXISTING ROOF STRUCTURE





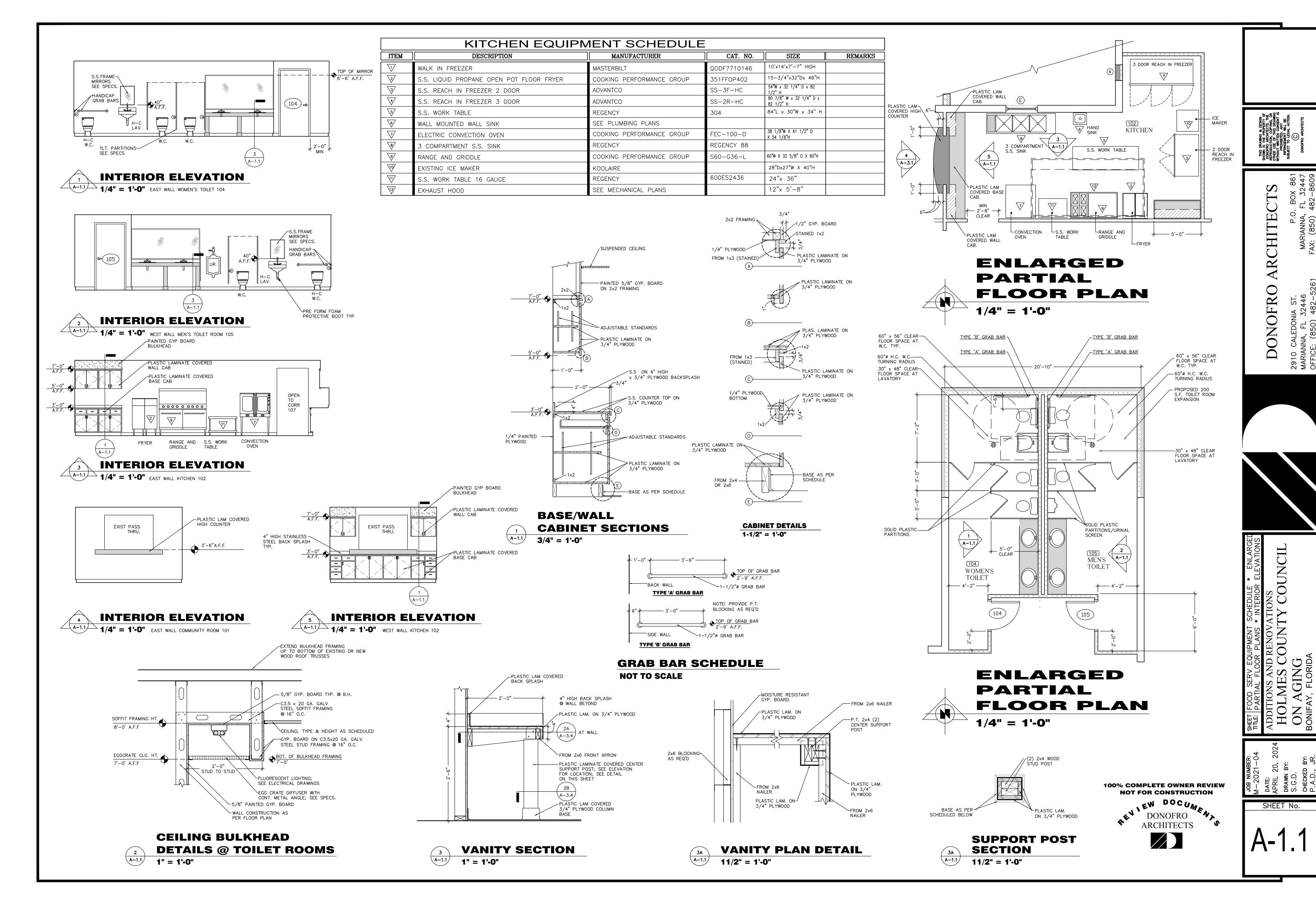


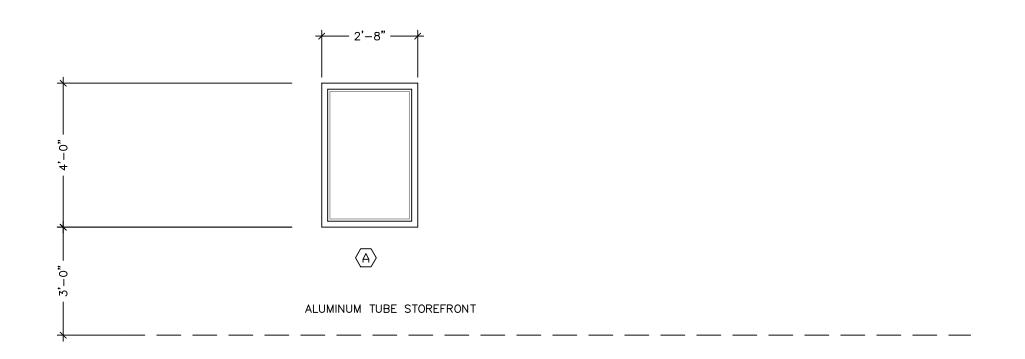




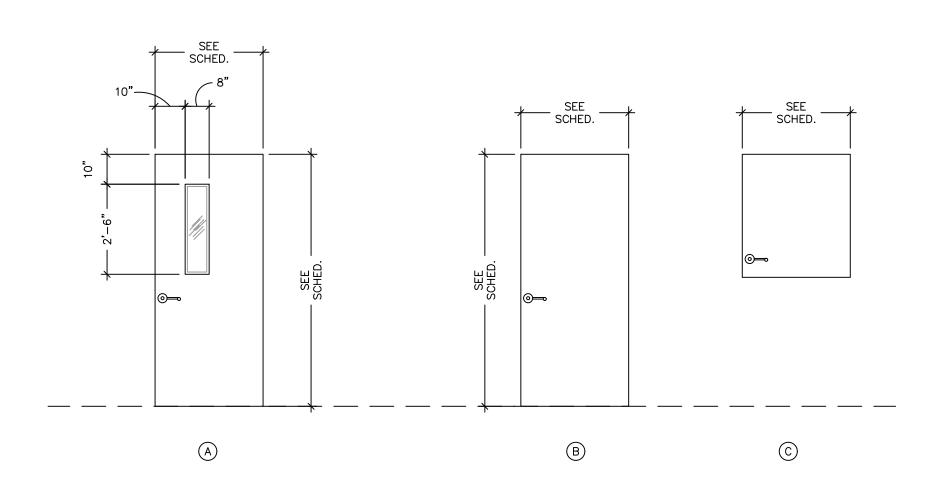
OFR

EAST EXTERIOR ELEVATION





3/8" = 1'-0"



2"	\.	2"	2"		2"	2"	2"
2,"	SEE SCHED.	2, "2		— SEE SCHED.		2,	SEE SCHED.
SEE SCHED.		SEE	SCHED.			SEE SCHED.	
							-
	1 HOLLOW	METAL	2 H	OLLOW METAL		3	HOLLOW META

FRAME	TYPES
3/8" = 1'-0"	_

DOOR TYPES

3/8" = 1'-0"

			F	२ (7		7(1	F		V	IS	S F	1	S	C)	11	Ξſ	DU	LE		
		FI		RING	1	$\exists \Gamma$	F	BASI	E	$\neg \Gamma$	W	VALI	LS .		CE	ILIN	G					-1	
ROOM NO.	ROOM NAME	CARPET TILE	CERAMIC TILE	\	SEALED CONC EXIST TO REMAIN		RUBBER	1 1	EXIST TO REMAIN	FPOXY PAINTED	GYP. BOARD PAINTED CYP. BOARD	CERAMIC TILE	EXIST TO REMAIN	EPOXY PAINTED	GYP. BOARD PAINTED GYP. ROARD	SUSPENDED ACOUSTICAL TILE	EXIST TO REMAIN SUSPENDED	CHAIR RAII	WAINSCOT	CEILING	REMARKS	NET SQUAKE FOOTAGE	ROOM NO.
101	COMMUNITY ROOM		•	,				•		T	•					•							101
101A	HOBBY ROOM				•						•					1 1	•						101A
101B	STORAGE				•				•				•				•						101B
101C	STORAGE				•				•				•				•						101C
102	KITCHEN		•	,				•			•						•						102
103	RECEPTION	1	•				•				•		•			•							103
103A	MECHANICAL																						
104	WOMEN'S TOILET		•	•				•		-	•						•)					104
105	MEN'S TOILET		•	•				•			•						•						105
106	OFFICE	•				•	•				•		•			•							106
107	CORRIDOR						•				•		•			•							107
107A	CORRIDOR						•			-	•			7			•						
108	OFFICE				•				•		•		•								EXISTING FLOORING TO BE PROTECTED DURING CONSTRUCTION		108
109	OFFICE				•	П			•		•		•			•					EXISTING FLOORING TO BE PROTECTED DURING CONSTRUCTION		109
110	PRODUCTION				•				•		•		•			•					EXISTING FLOORING TO BE PROTECTED DURING CONSTRUCTION		110
111	STORAGE				•				•				•				•						111
112	CORRIDOR				•				•				•				•						112
113	OFFICE				•		•		•		•												
114	OFFICE				•		•		•		•												
115	STORAGE				•				•				•				•						113
116	OFFICE				•				•				•				•						114
117	OFFICE				•				•				•				•						115
118	OFFICE				•)			•				•				•						116
119	STAFF TOILET				•				•				•	•			•						117
120	MECHANICAL				•				•				•				•						119

				DC	C	RSC)	HE	ΞD	ULE				
No.		DOOR SIZE			Ä		TYPE	HAI	RDWARI					, o
DOOR N	WIDTH	HEIGHT	THICK.	DESCRIPTION	DOOR TYPE	FRAME	FRAME TY	SET NO.	S.	REMARKS	SI	GN	HEAD DTL. JAMB DTL.	DOOR N
	MI	HE	TH				FR	SE	2 × C C C C C C C C C		PUSH	PULL	HEAD JAMB	
Ε				EXISTING DOOR		EXIST								Ε
101	3°	7°	1 ^{3/4} "	HOLLOW METAL FLUSH PANEL	Α	6-3/4" H.M.	1		• •					101
101.1	3°	7°	13/4"	HOLLOW METAL FLUSH PANEL	В	6-3/4" H.M.	2		•	PAIR OF DOORS				101.1
102				NO DOOR FOR THIS NUMBER										102
103	3°	4°	13/4"	SOLID CORE WOOD FLUSH PANEL	С	5-3/4" H.M.	3					MECHANICAL		103
104	3°	7°	13/4"	SOLID CORE WOOD FLUSH PANEL	В	5-3/4" H.M.	1		•			WOMEN'S H/C ACCESS		104
105	3°	7°	13/4"	SOLID CORE WOOD FLUSH PANEL	В	5-3/4" H.M.	1		•			MEN'S H/C ACCESS		105
113	3°	7°	13/4"	SOLID CORE WOOD FLUSH PANEL	Α	5-3/4" H.M.	1				OFFICE			104
114	3°	7°	13/4"	SOLID CORE WOOD FLUSH PANEL	Α	5-3/4" H.M.	1				OFFICE			105

100% COMPLETE OWNER REVIEW NOT FOR CONSTRUCTION

DO CUMP

DONOFRO

ARCHITECTS



DX 861 Subject TO (

P.O. BOX 86 MARIANNA, FL 3244

> 910 CALEDONIA ST. ARIANNA, FL 32446 FFICE: (850) 482-5261

ROOM FINISH AND DOOR SCHEDULES *
DOOR AND WINDOW TYPES
DITIONS AND RENOVATIONS
OLMES COUNTY COUNC

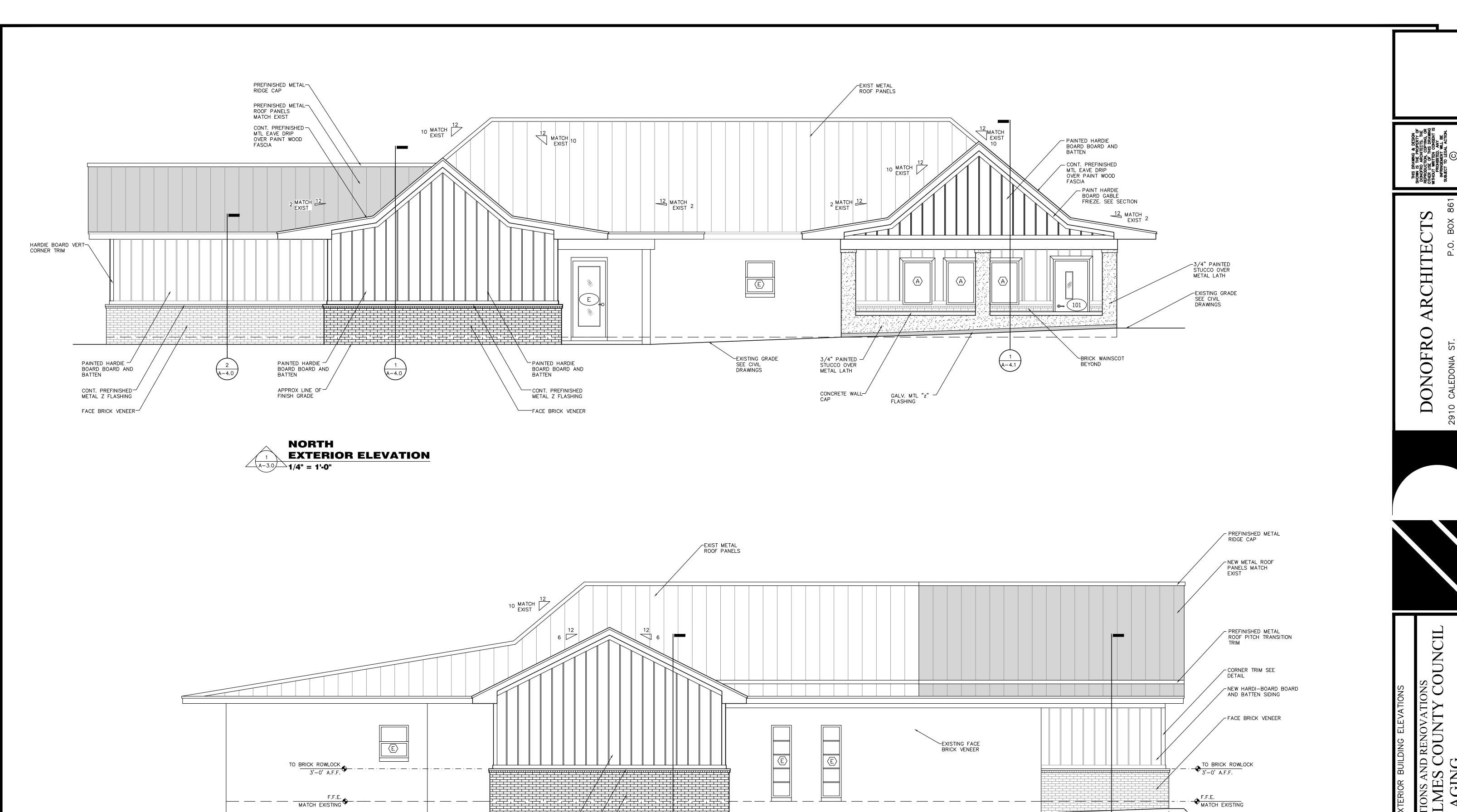
M-2021-04

DATE:
APRIL 20, 2024

DRAWN BY:
S.G.D.

SHEET No.

A-2.0



PAINTED HARDIE — BOARD BOARD AND BATTEN

CONT. PREFINISHED—/ METAL Z FLASHING

FACE BRICK VENEER-

APPROX LINE OF FINISH GRADE

EAST

A-3.0 1/4" = 1'-0"

EXTERIOR ELEVATION

 $\begin{pmatrix} 1 \\ A-4.0 \end{pmatrix}$

APPROXIMATE
EXISTING GRADE
SEE CIVIL
DRAWINGS

APPROXIMATE
EXISTING GRADE
SEE CIVIL
DRAWINGS

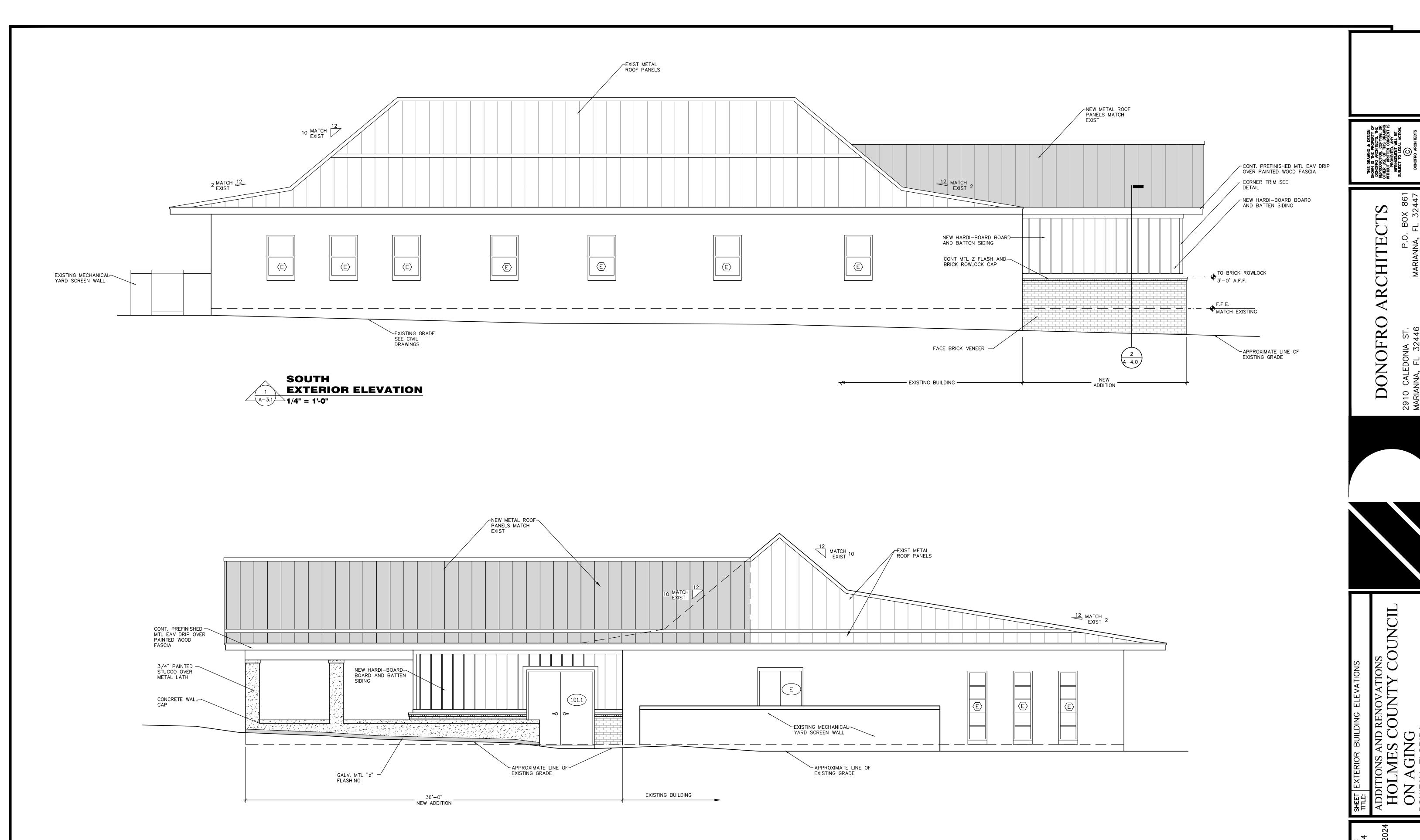
100% COMPLETE OWNER REVIEW NOT FOR CONSTRUCTION

DONOFRO ARCHITECTS

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 A-4.1
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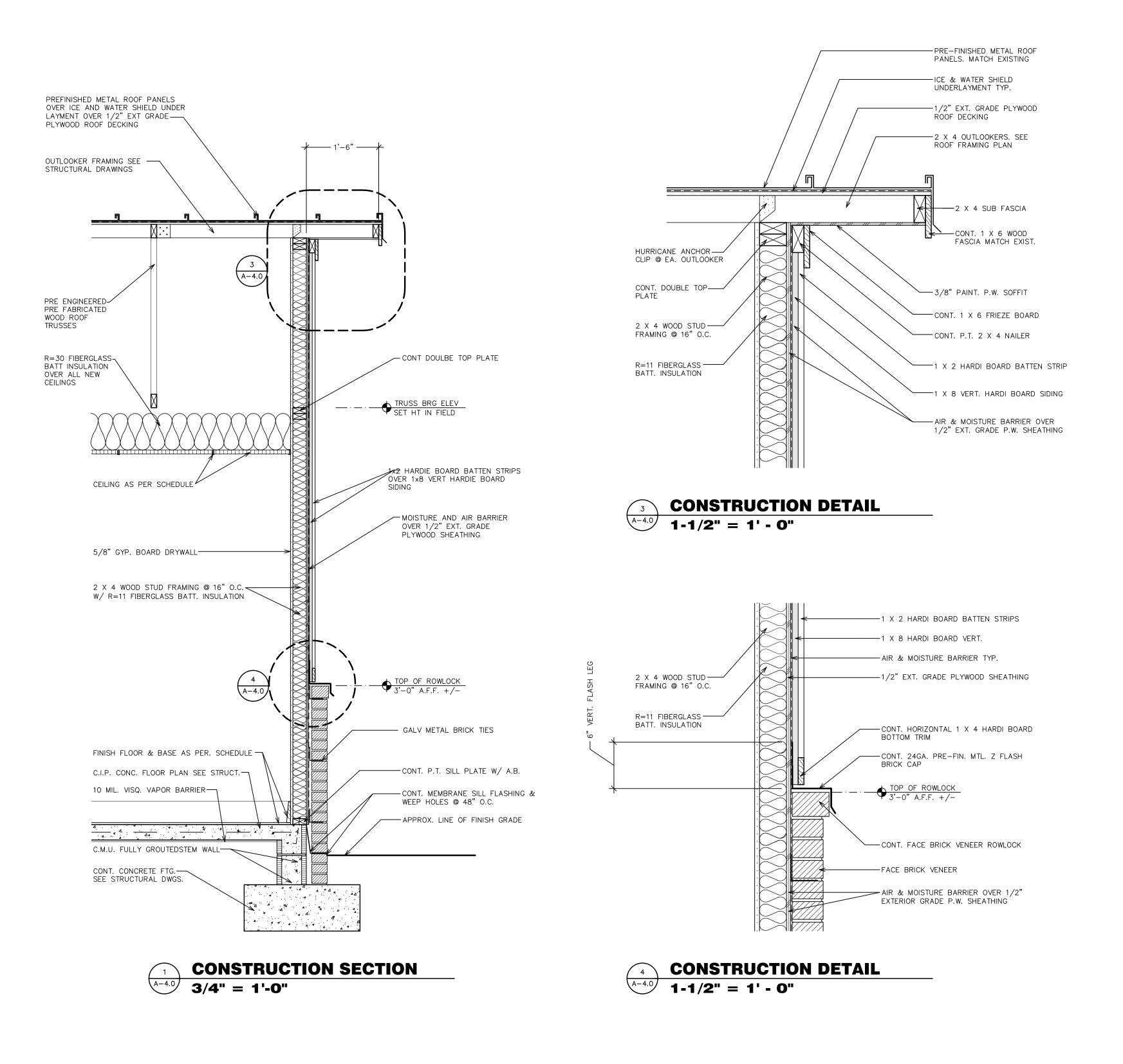
NEW ADDITION

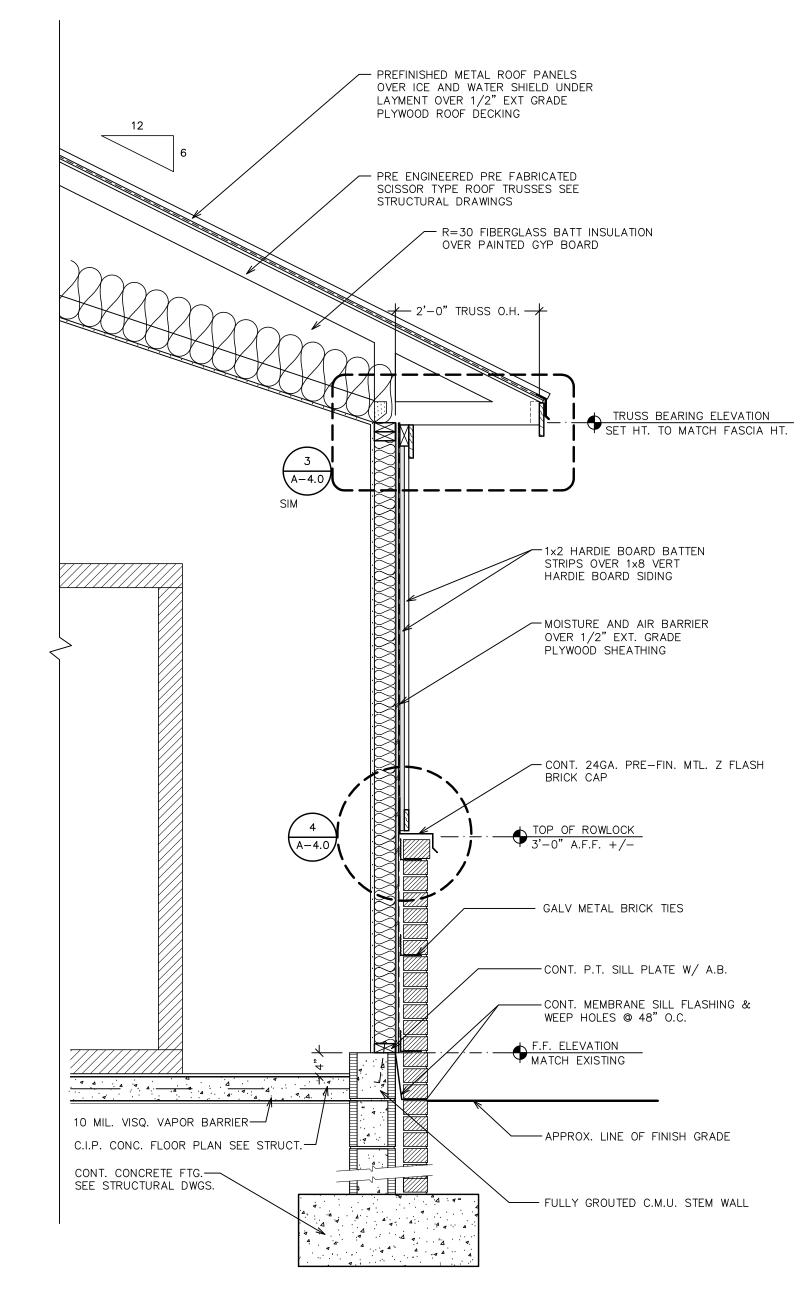
SIM/ONLY



WEST **EXTERIOR ELEVATION** A-3.1 1/4" = 1'-0"

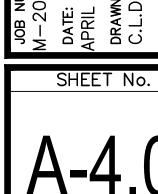




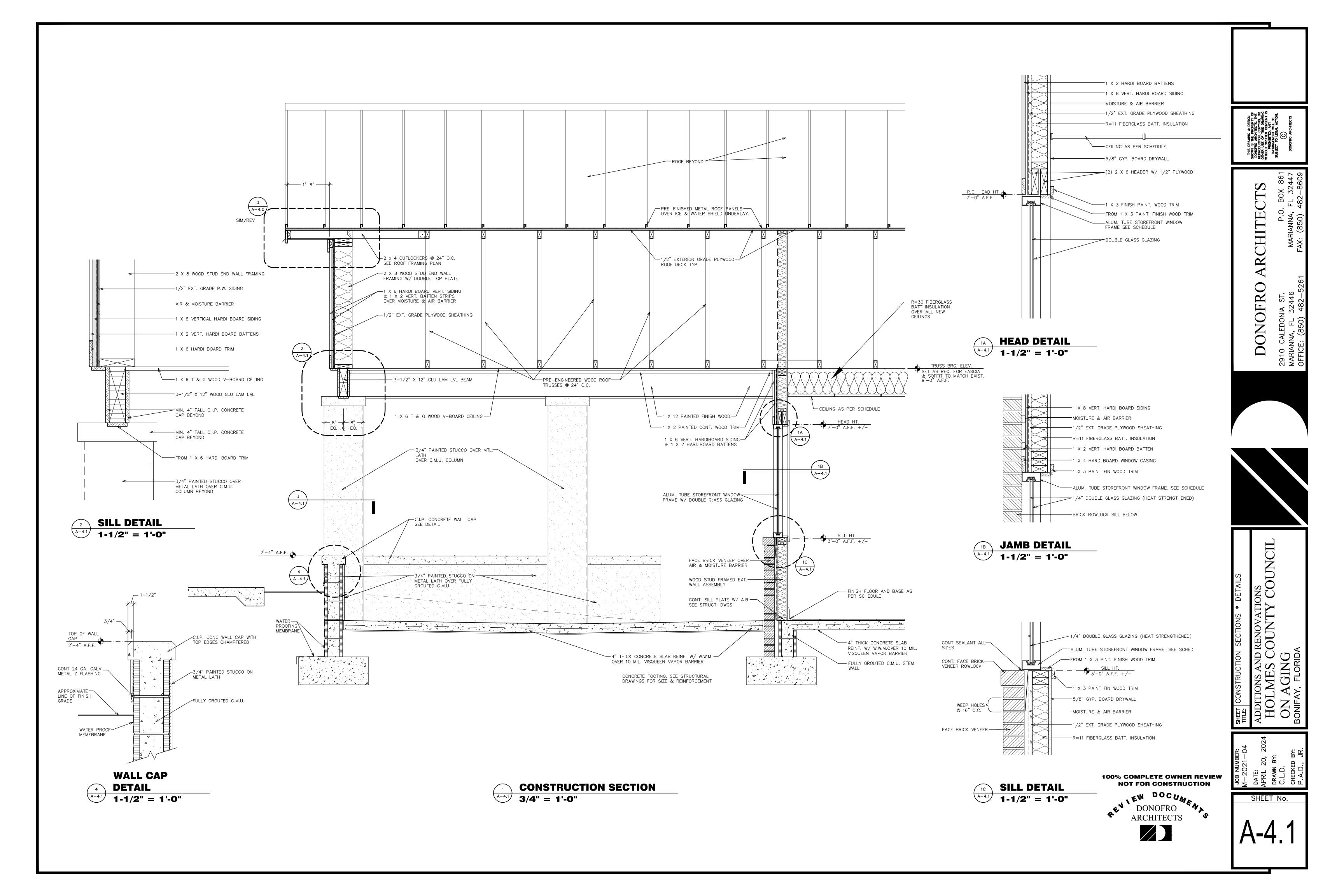






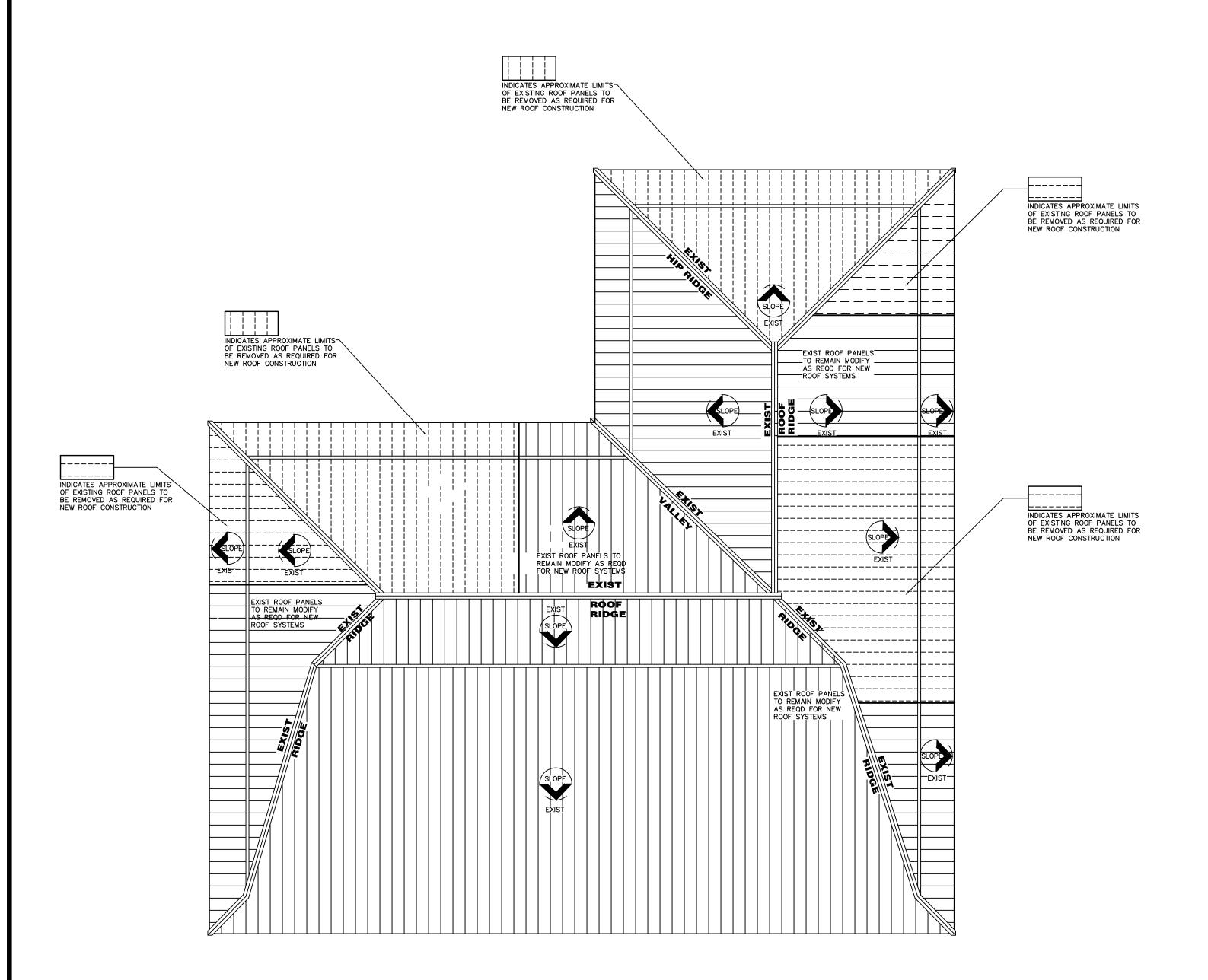


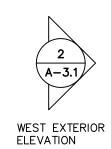
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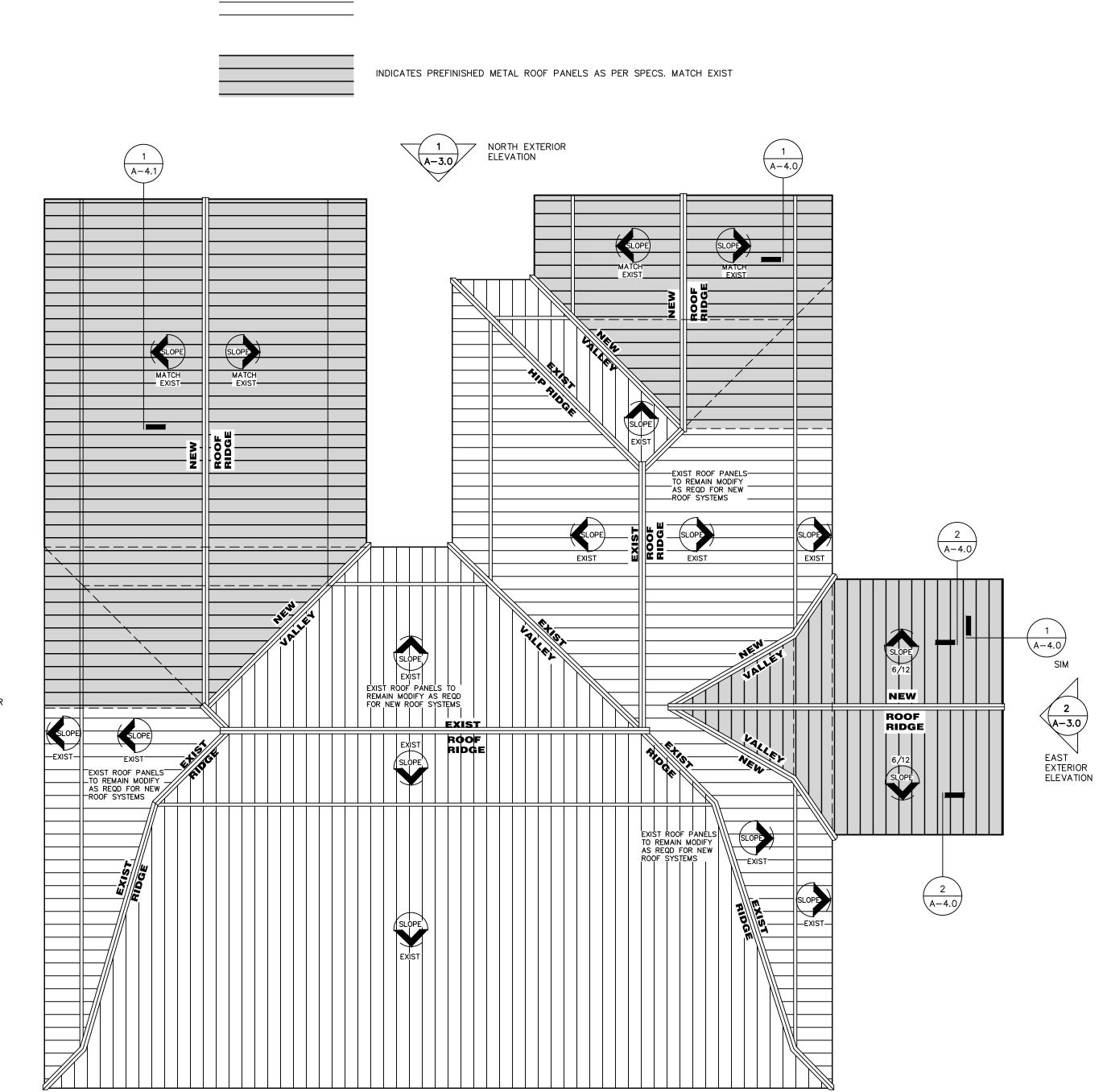


NOTES!

- 1) ROOF PANELS SHOWN TO BE REMOVED ARE
 APPROXIMATE ONLY EXACT NUMBER TO BE REMOVED
 AND DISPOSED OF TO BE DETERMINED AS PER NEW
 CONSTRUCTION
- 2) REMOVE AND DISPOSE OF EXISTING ROOF RIDE VENTS AND EXISTING FLASHING AS REQUIRED FOR NEW ROOF SYSTEM. PROVIDE NEW AS REQUIRED FOR WATER TIGHT







ROOF PLAN LEGEND

EXTERIOR ELEVATION SYMBOL

SECTION & DETAIL REFERENCE SYMBOL

ROOF SLOPE/PITCH REFERENCE SYMBOL

INDICATES WALL CONSTRUCTION BELOW

INDICATES PREFINISHED METAL VALLY FLASHING OR PREFINISHED METAL RIDGE CAP

INDICATES EXISTING PREFINISHED METAL ROOF PANELS AS PER SPECS.

DETAIL — NUMBER

SHEET

NUMBER

NUMBER

SHEET NUMBER





1 A-3.1



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DONOFRO ARCHITECTY

DONOFRO ARCHITECTY

ARCHITECTS

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ONIA ST. 'L 32446)) 482—5261 FAX

DONOFRO
2910 CALEDONIA ST.
MARIANNA, FL 32446
OFFICE: (850) 482-526

DITIONS AND RENOVATIONS
OLMES COUNTY COUN

JOB NUMBER:
M-2021-04
DATE:
APRIL 20, 2024
DRAWN BY:
S.G.D.
CHECKED BY:

A-5.0

REFLECTED CEILING PLAN LEGEND

1 x 6 T AND G V BOARD PAINTED WOOD CEILING
PAINTED GYPSUM BOARD CEILING. SEE SPECS.

NEW SUSPENDED METAL GRID AND ACQUISTICAL CEILING TILE SYSTEM WITH 9" R=30 FIBERGLASS BATT THERMAL INSULATION INSTALL OVER TOP OF TILE

NEW SUSPENDED METAL GRID AND VINYL COVERED CEILING TILE SYSTEM WITH 9" R=30 FIBERGLASS BATT THERMAL INSULATION INSTALLED OVER TOP OF TILE

EGG CRATE LIGHT DIFFUSING CEILING SYSTEM; SEE SPECS.

NEW PAINTED PLYWOOD SOFFIT. MATCH EXISTING.

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

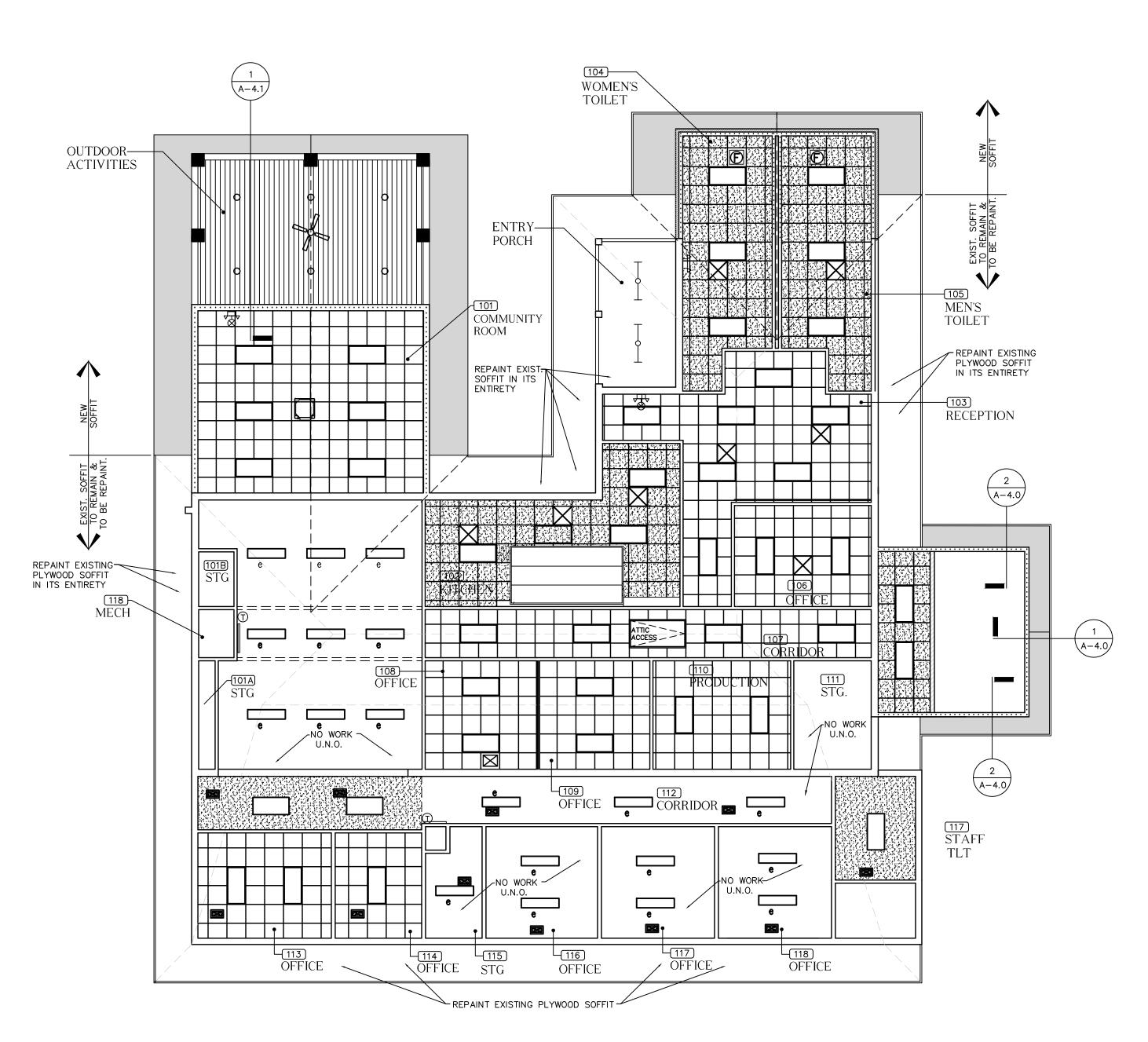
LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS

H.V.A.C. REGISTER; SEE MECHANICAL DRAWINGS

NOTE!

PROVIDE AND INSTALL 9" (R30) FIBERGLASS INSULATION ABOVE ALL NEW CEILINGS

BATTERY BACKUP EXIT LIGHT







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IIA ST. 32446 MARIAN 482—5261 FAX: (89

M

ONOFRO

2910 CALEDONIA ST. MARIANNA, FL 32446 OFFICE: (850) 482—52

LECTED CEILING PLAN
ONS AND RENOVATIONS
MES COUNTY COUNCIL

M—2021—04
DATE:
APRIL 20, 2024
DRAWN BY:
S.G.D.

BBR	EVIATIONS		
/C	AIR CONDITIONER	HDR	HEADER
В	ANCHOR BOLT	HORIZ	HORIZONTAL
DJ	ADJACENT	HSS	HOLLOW STRUCTURAL SECTION
FF	ABOVE FINISHED FLOOR	HT	HEIGHT
	AGGREGATE	HYAC	HEATING , VENTILATION & A/C
LT	ALTERNATE	IN	INCH
LUM	ALUMINUM	INSUL	INSULATION
	ACCESS OPENING APPROXIMATE	INT JT	INTERIOR
RCH	ARCHITECTURAL	K	JOINT KIPS
	ASPHALT	KSI	KIPS PER SQUARE INCH
	BOTTOM	KSF	KIPS PER SQUARE FOOT
LDG	BUILDING	L	ANGLE
LKG	BLOCKING	LAM	LAMINATED
M	BENCH MARK	LBS	POUNDS
0	BOTTOM OF	LL	LIVE LOAD
RG	BEARING	LLBB	LONG LEG BACK TO BACK
ANT	CHANNEL CANTILEVER	LLY	LONG LEG HORIZONTAL LONG LEG VERTICAL
	CAST IN PLACE	LWC	LIGHT WEIGHT CONCRETE
	CONSTRUCTION JOINT	MAX	MAXIMUM
Ĺ, ⊈	CENTER LINE	MBR	MEMBER
Mu	CONCRETE MASONRY UNIT	MECH	MECHANICAL
<i>O</i> L	COLUMN	MFGR	MANUFACTURER
ONC	CONCRETE	MIN	MINIMUM
ONN	CONNECTION		SCELLANEOUS
ONST	CONSTRUCTION	ML	MATCH LINE
ONT R	CONTINUOUS COLD ROLLED	MO MTL	MASONRY OPENING METAL
TR	CENTER	N/A	NOT APPLICABLE
BL	DOUBLE	NIC	NOT IN CONTRACT
EG, °	DEGREES	NOM	NOMINAL
ΕT	DETAIL	NS	NON SHRINK
IA,Φ	DIAMETER	NTS	NOT TO SCALE
	DIMENSION DEAD LOAD	OC PCF	ON CENTER POUNDS PER CUBIC FOOT
TL	DETAIL	PL, #E	PLATE
	DRAWING	PLF	POUNDS PER LINEAR FOOT
	DOWEL	PREFAB	PREFABRICATED
Д	EACH	PRELIM	PRELIMINARY
	EXPANSION JOINT	PSF	POUNDS PER SQUARE FOOT
LEY	ELEVATION	PSI	POUNDS PER SQUARE INCH PRESSURE TREATED
	ELECTRICAL EMBEDMENT	PT RAD	RADIUS
	ENCLOSED	REF	REFERENCE
NGR	ENGINEER	REINF	REINFORCED
Q	EQUAL	REQ	REQUIRED
	ESTIMATED	SCHED	SCHEDULE
W WICT	EACH WAY	SECT	SECTION
XIST XT	EXISTING EXTERIOR	SF SIM	SQUARE FOOT SIMILAR
	FABRICATE	SJI	STEEL JOIST INSTITUTE
-	FLORIDA BUILDING CODE	SLBB	SHORT LEG BACK TO BACK
>	FLOOR DRAIN	SPEC	SPECIFICATION
	FOUNDATION	SQ	SQUARE
	FINISHED FLOOR	STD	STANDARD
= -	FINISHED FLOOR ELEVATION	STL	STEEL
ā N	FINISHED GRADE FINISH	SYM	SYMMETRICAL TOP
13	FLOOR	T4B	TOP & BOTTOM
-	FEET	TEMP	TEMPERED
r G	FOOTING	TOC	TOP OF CONCRETE
A	GAUGE	TOM	TOP OF MASONRY
ALY	GALVANIZED	TOS	TOP OF STEEL
C	GENERAL CONTRACTOR	UNF	UNFINISHED
EN ND	GENERAL GROUND	UON VERT	UNLESS OTHERWISE NOTED VERTICAL
YP	GYPSUM	W/	WITH
ċ	HOLLOW CORE	W/O	WITH OUT
	IONAL AFFILIATIONS	WWF	WELDED WIRE FABRIC
CI NSI	AMERICAN CONCRETE INSTITUTE AMERICAN NATIONAL STANDARDS INSTI	†i † =	
1401	ALLENCAR MATIONAL STANDARDS INST	IMIE	

GENERAL NOTES

ASCE

- THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE, 8TH EDITION (2023). THIS CODE PRESCRIBES WHICH EDITION OF EACH REFERENCE STANDARD APPLIES TO THIS PROJECT.
- 2. TO THE BEST OF OUR KNOWLEDGE, THE STRUCTURAL DRAWINGS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE GOVERNING BUILDING CODE.
- 3. CONSTRUCTION IS TO COMPLY WITH THE REQUIREMENTS OF THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCALCODES, STANDARDS, REGULATIONS AND LAWS.
- 4. THE STRUCTURAL DOCUMENTS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DOCUMENTS, USE THESE NOTES IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS, IF A CONFLICT EXISTS, THE MORE STRINGENT GOVERNS.
- 5. SEE PROJECT SPECIFICATIONS FOR TESTING.

AMERICAN SOCIETY OF CIVIL ENGINEERS

AMERICAN WELDING SOCIETY

AMERICAN SOCIETY FOR TESTING MATERIALS

AMERICAN WOOD PRESERVERS ASSOCIATION

AMERICAN INSTITUTE OF STEEL CONSTRUCTION

- DETAILS LABELED "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING THE APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ARCHITECT.
- OPENINGS SHOWN ON STRUCTURAL DRAWINGS ARE ONLY PICTORIAL. SEE THE ARCHITECTURAL AND M.E.P. DRAWINGS FOR THE SIZE AND LOCATION OF OPENINGS IN THE STRUCTURE.
- CONTRACTORS WHO DISCOVER DISCREPANCIES, OMISSIONS OR VARIATIONS IN THE CONTRACT DOCUMENTS DURING BIDDING SHALL IMMEDIATELY NOTIFY THE ARCHITECT. THE ARCHITECT WILL RESOLVE THE CONDITION AND ISSUE A WRITTEN CLARIFICATION.
- 9. THE GENERAL CONTRACTOR SHALL COORDINATE ALL CONTRACT DOCUMENTS WITH FIELD CONDITIONS AND DIMENSIONS AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION, DO NOT SCALE DRAWINGS, USE ONLY PRINTED DIMENSIONS. ELECTRONIC DRAWINGS SHOULD NOT BE ASSUMED TO BE DRAWN TO SCALE, REPORT ANY DISCREPANCIES IN WRITING TO THE ARCHITECT PRIOR TO PROCEEDING WITH WORK, DO NOT CHANGE SIZE OR LOCATION OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE STRUCTURAL ENGINEER OF RECORD.
- 10. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK AND THE PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS.
- 11. THE STRUCTURE IS DESIGNED TO BE STRUCTURALLY SOUND WHEN COMPLETED. PRIOR TO COMPLETION, THE CONTRACTOR IS RESPONSIBLE FOR STABILITY AND TEMPORARY BRACING INCLUDING, BUT NOT LIMITED TO, MASONRY WALLS. WHEREVER THE CONTRACTOR IS UNSURE OF THESE REQUIREMENTS, THE CONTRACTOR SHALL RETAIN A FLORIDA LICENSED ENGINEER TO DESIGN AND INSPECT THE TEMPORARY BRACING AND STABILITY OF THE STRUCTURE.

GEOTECHNICAL PARAMETERS

1. ASSUMED SOIL DENSITY:

2. ASSUMED SOIL BEARING CAPACITY: 2*000* PSF

NO SUBSURFACE OR GEOTECHNICAL INFORMATION AVAILABLE AT TIME OF DESIGN. ALL INFORMATION TO BE PROVIDED BY CLIENT AND/OR VERIFIED BY CONTRACTOR, IF PROBLEMATIC SOIL IS FOUND, CONTACT E.O.R.

EXCAVATION, BACKFILL AND DEWATERING

- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LOGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STRESS AND UTILITIES IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT AND OSHA REGULATIONS. DO NOT EXCAVATE WITHIN ONE FOOT OF THE ANGLE OF REPOSE OF ANY SOIL BEARING FOUNDATION UNLESS THE FOUNDATION IS PROPERLY PROTECTED AGAINST SETTLEMENT.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL ACCUMULATED WATER IN A MANNER THAT DOES NOT INCONVENIENCE OR DAMAGE THE WORK.

CHEMICAL ADHESIVE FOR ANCHORING REINFORCING BOLTS, THREADED BARS & ANCHOR BOLTS

- USE AN EPOXY, ACRYLIC OR POLYESTER RESIN ADHESIVE SYSTEM SUCH AS THE POWERS RAWL POWER-FAST SYSTEM, HILTI HIT HY150, ITW RAMSET/RED HEAD EPCON AT OR CO INJECTION SYSTEM, ALLIED FASTENER ALLIED GOLD A-1000, OR ACCEPTED EQUIVALENT. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR USE AND INSTALLATION.
- 2. CONFIRM THE ABSENCE OF REINFORCING STEEL BY DRILLING A $\frac{1}{4}$ " ϕ PILOT HOLE FOR EACH ANCHOR DO NOT CUT REINFORCING STEEL WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER.
- 3. DRILL 16" LARGER + HOLE THAN ANCHOR BOLT AND 16" LARGER HOLE THAN REINFORCING BAR THOROUGHLY CLEAN HOLE INCLUDING REMOVAL OF DUST PRIOR TO FILLING WITH EPOXY.
- 4. PROVIDE ANCHOR EMBEDMENT, SPACING AND EDGE DISTANCE AS SHOWN ON THE DRAWINGS.
- 5. THREADED RODS ARE A-36 GALYANIZED STEEL, U.O.N.

SHALLOW FOUNDATIONS

- FOUNDATION DESIGN, SOIL PREPARATION AND COMPACTION ARE BASED ON ASSUMED GEOTECHNICAL INFORMATION UNLESS SITE SPECIFIC DATA PROVIDED. REFER TO GEOTECHNICAL NOTES.
- FOOTING SIZES AND REINFORCING ARE BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 1500 PSF. ALL FOOTINGS SHALL BEAR ON COMPACTED FILL OR NATURAL SOIL PREPARED PER THE GEOTECHNICAL REPORT.
- 3. SUBGRADE PREPARATION SHALL BE FIELD CONTROLLED AND TESTED BY A LICENSED SOILS ENGINEER IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. AT COMPLETION, THAT ENGINEER SHALL PREPARE AND SUBMIT TO THE OWNER, ARCHITECT, CONTRACTOR AND STRUCTURAL ENGINEER A SIGNED AND SEALED LETTER INDICATING THAT THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT HAVE BEEN FOLLOWED.
- 4. CENTER ALL FOOTINGS UNDER THEIR RESPECTIVE COLUMNS OR WALLS, U.O.N.
- 5. TOP OF ALL FOOTINGS IS NOTED ON THE DRAWINGS.

REINFORCED CONCRETE

WALLS & SLABS

1. COMPLY WITH ACI 301 AND 318.

PROVIDE STRUCTURAL CONCRETE WITH A MINIMUM ULTIMATE COMPRESSIVE DESIGN STRENGTH IN 28 DAYS OF: SLAB ON GRADE 3000 PSI FOUNDATION 3,000 PSI

5,000 PSI

- 3. USE NORMAL WEIGHT CONCRETE FOR ALL STRUCTURAL MEMBERS. U.O.N.
- PROVIDE ASTM A-615 GRADE 60 REINFORCING STEEL. REINFORCING SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE, WITH APPROPRIATE BAR SUPPORTS AND SPACERS, LAP CONTINUOUS REINFORCING 48 BAR +, LAP BOTTOM STEEL OVER SUPPORTS AND TOP STEEL AT MIDSPAN, U.O.N. HOOK DISCONTINUOUS ENDS OF ALL TOP BARS AND ALL BARS IN WALLS, U.O.N.

PROVIDE COVER OVER REINFORCING AS FOLLOWS:	
CAST AGAINST & EXPOSED TO EARTH/WEATHER	3"
EXPOSED TO EARTH/WEATER	
#6 THROUGH #18 REBAR	2"
#5 REBAR, W31/D31 WIRE OR SMALLER	1 1/2"
NOT EXPOSED TO EARTH/WEATHER	
SLABS, WALLS, JOISTS	
#14 AND #18 REBAR	1 1/2"
#11 REBAR AND SMALLER	3/4"
BEAMS AND COLUMNS	
REINF, TIES, STIRRUPS, SPIRALS	1 1/2"

- 5. WHERE SPECIFIED, PROVIDE PLAIN, COLD-DRAWN ELECTRICALLY-WELDED WIRE REINFORCEMENT CONFORMING TO ASTM A-185. SUPPLY IN FLAT SHEETS ONLY, LAP SPLICE ONE CROSS WIRE SPACING PLUS TWO INCHES.
- 6. UTILITIES SHALL NOT PENETRATE BEAMS OR COLUMNS BUT MAY PASS THROUGH SLABS AND WALLS INDIVIDUALLY, U.O.N., FOR OPENINGS 24" LONG OR LESS, CUT REINFORCING AND REPLACE A LONG SIDE OPENING WITH SPLICE BARS OF EQUIVALENT AREA WITH 48 BAR (LAP. PREPARE AND SUBMIT SHOP DRAWINGS FOR OPENINGS LONGER THAN 24". FOR RECTANGULAR OPENINGS 12" LONG OR LONGER, ADD (1) #5 x 6' MID DEPTH DIAGONAL AT ALL 4 CORNERS.
- 7. WHERE REINFORCING STEEL CONGESTION PERMITS, CONDUIT AND PIPES UP TO 1" MAY BE EMBEDDED IN CONCRETE PER ACI 318, SECTION 6.3. SPACE AT 34 O.C.PLACE BETWEEN OUTER LAYERS OF REINFORCING IF CONDUITS ARE SIGNIFICANTLY CONGESTED, ADDITIONAL REINFORCING PERPENDICULAR TO PIPING MAY BE REQUIRED. REQUESTS TO EMBED LARGER PIPES SHOULD BE ACCOMPANIED BY A DETAILED DESCRIPTION AND BE SUBMITTED TO THE ARCHITECT FOR EVALUATION.
- 8. PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI 318, SECTION 6.4. PROVIDE KEYWAYS AND ADEQUATE DOWELS. SUBMIT DRAWINGS SHOWING LOCATION OF CONSTRUCTION JOINTS AND DIRECTION OF POUR FOR REVIEW.
- 9. PROVIDE REINFORCING STEEL PLACER WITH A SET OF STRUCTURAL DRAWINGS FOR FIELD REFERENCE. INSPECT REINFORCING STEEL PLACING FROM STRUCTURAL DRAWINGS.

CONCRETE MASONRY

- CONSTRUCT MASONRY IN ACCORDANCE WITH ACI 530/ASCE 5, "BUILDING CODE REQUIREMENTS FOR CONCRETE M530.1 /ASCE 6, "SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF LOAD BEARING CONCRETE MASONRY ".
- 2. USE 50% SOLID, NOMINAL 8X8XIG, CONCRETE MASONRY UNITS CONFIRMING TO ASTM C90. LAY UP UNITS IN RUNNING BOND. SAW CUT UNITS WHICH ARE NOT IN MULTIPLES OF 8". UNITS SHALL BE AT LEAST 8" LONG. BAND CORNERS BY LAPPING ENDS 8" IN SUCCESSIVE VERTICAL COURSES. DESIGN OF WALLS IS BASED ON A F'M OF 1500 PSI.
- 3. USE TYPE 5 MORTAR IN ACCORDANCE WITH ASTM C270 EXCEPT USE TYPE M MORTAR BELOW GRADE. HEAD AND BED JOINTS SHALL BE 3 " 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 CELLS TO BE GROUTED.
- 4. USE STANDARD (9 GAGE) HORIZONTAL JOINT REINFORCING CONFORMING TO ASTM A-82 IN EVERY OTHER COURSE, OVERLAP DISCONTINUOUS ENDS 6". USE PREFABRICATED CORNERS AND TESTS. USE TRUSS TYPE, EXCEPT USE LADDER TYPE IN WALLS WITH VERTICAL REINFORCING. EXTEND JOINT REINFORCING A MINIMUM OF 4" INTO TIE COLUMNS.
- 5. USE FINE GROUT CONFORMING TO ASTM C-476, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI IN 28 DAYS. AGGREGATE TO CONFORM TO ASTM C404 FOR FINE GROUT, WITH SLUMP OF 8" TO 10". GROUT ALL MASONRY CONTAINING REINFORCING, ALL CELLS OF 4 HOUR RATED WALLS. AND WHERE INDICATED ON THE DRAWINGS. ALLOW MORTAR TO CURE 24 HOURS PRIOR TO GROUTING. PROVIDE CLEANOUT OPENINGS AT THE BASE OF CELLS CONTAINING REINFORCING STEEL TO CLEAN THE CELL AND TO TIE THE VERTICAL BAR TO THE DOWEL. IN HIGH-LIFT GROUTING, USE 5'-0" (MAXIMUM) LIFTS, WITH $\frac{1}{2}$ " HOUR TO 1 HOUR BETWEEN LIFTS. VIBRATE EACH LIFT AND RECONSOLIDATE THE PREVIOUS LIFT.
- 6. USE ASTM A-615 GRADE 60 REINFORCING STEEL. REINFORCE WALLS WHERE INDICATED ON THE DRAWINGS AND AT ALL INTERSECTIONS, EACH SIDE OF OPENINGS AND AT THE ENDS OF WALLS, USE BAR SPACERS AT 10'-0" O.C. WHERE GROUT POUR HEIGHT EXCEEDS 10'-0".
- 1. AT BOND/TIE BEAM CORNERS AND INTERSECTIONS, PLACE 1 *5 x 5'-0" T & B CORNER BAR, WITH 30" LEGS EACH WAY, AT THE EXTERIOR FACE.
- 8. BEAMS NOT SCHEDULED ARE MINIMUM 8" x 12" TIE BEAMS WITH 2 *5 BARS TOP AND BOTTOM AND *3 TIES SPACED AT 48" O.C. TYPICAL AND 4 TIES AT 12" O.C. AT ENDS AND INTERSECTIONS, U.O.N. COLUMNS NOT SCHEDULED ARE MINIMUM 8" x 12" TIE COLUMNS WITH 4 #5 VERTICAL BARS AND *2 TIES AT 12" O.C. USE 30" LAP SPLICES. HOOK ALL BARS AT DISCONTINUOUS ENDS.
- 9. REINFORCED MASONRY WALL CONSTRUCTION SHALL BE INSPECTED BY AN ENGINEER OR ARCHITECT IN ACCORDANCE WITH ACI 530. 1/ASCE 6.
- 10. WHERE ANCHOR BOLTS, WEDGE ANCHORS OR ANCHORS SET IN EPOXY ARE SET IN A MASONRY WALL, FILL CELLS WITH GROUT FOR BOLTED COURSE, ONE COURSE ABOVE AND TWO COURSES BELOW.
- 11. PROVIDE LINTELS OR HEADERS WITH MINIMUM 8" BEARING OVER ALL MASONRY OPENINGS.
- 13. THE STRUCTURE IS SUPPORTED BY BEARING WALLS, U.O.N. ERECT MASONRY PRIOR TO CASTING CONCRETE COLUMNS WITHIN BEARING WALLS OR CASTING BEAMS AND SLABS SUPPORTED BY BEARING WALLS.

12. USE PRESSURE-TREATED WOOD FOR WOOD IN CONTACT WITH MASONRY

WOOD FRAMING & SHEATHING

SHIPMENT, FOR SIZES 2" OR LESS IN THICKNESS.

- WOOD CONSTRUCTION SHALL COMPLY WITH AF&PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND CHAPTER 23 OF FBC.
- 2. MANUFACTURED LUMBER, 545 AND GRADESTAMPED, TO COMPLY WITH PS20 AND APPLICABLE GRADING RULES OF INSPECTION AGENCIES CERTIFIED BY ALSC'S BOARD OF REVIEW.
- PROVIDE SEASONED LUMBER WITH 19% MOISTURE CONTENT AT TIME OF DRESSING AND
- 4. COMPLY WITH "DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES".
- 5. ALL STRUCTURAL LUMBER TO BE MIN SOUTHERN YELLOW PINE NO. 2, GRADESTAMPED. ALL OTHER LUMBER PER ARCHITECTURAL SPECIFICATIONS. WALL STUDS ALLOWED TO BE NO. 2
- 6. USE LUMBER WITH MINIMUM Fb=975 / 1075 PSI FOR SINGLE/REPETITIVE USE AND A MODULUS OF ELASTICITY, "E" OF 1,200.000 PSI (FOR WALLS AND BEAMS). PARALLEL STRAND LUMBER SHALL HAVE MINIMUM Fb=2900 PSI, E=2,000,000 PSI & Fv=290 PSI.
- 7. AT ALL BUILT-UP WOOD AND BEAM LOCATIONS A MINIMUM OF (3) 2x4 STUD MEMBERS TO BE
- 8. ALL LAMINATED LUMBER USED AS MULTIPLE ASSEMBLY BEAMS TO BE CONNECTED PER MFGR
- 9. ONE PIECE OF 3½" THICK MICRO=LAM L.V.L. MAY BE SUBSTITUTED FOR TWO PIECES OF 1¾".
- 10. THE INDIVIDUAL STUDS OF BUILT-UP COLUMNS TO BE ADEQUATELY FASTENED TO DEVELOP COMPOSITE ACTION OF THE ASSEMBLY.
- 11. DO NOT SPLICE STRUCTURAL MEMBERS BETWEEN SUPPORTS, U.O.N.
- 12. USE MANUFACTURERS REQUIRED SIZE AND NUMBER OF NAILS OR BOLTS FOR ANCHOR TIE DOWNS, HURRICANE CLIPS AND ALL CONNECTORS.
- SECURELY ATTACH CARPENTRY WORK TO SUBSTRATES AND SUPPORTING MEMBERS USING FASTENERS OF SIZE THAT WILL NOT PENETRATE MEMBERS WHERE THE OPPOSITE SIDE WILL BE EXPOSED TO VIEW OR RECEIVE FINISH MATERIALS.
- 1 92" PLYWOOD ROOF SHEATHING TO BE NAILED TO SUPPORTING MEMBERS AT 4" EDGE & 6" FIELD 10d RINGSHANK NAIL SPACING, UNLESS OTHERWISE NOTED.
- 19 32" PLYWOOD WALL SHEATHING BOTH FACES OF WALL TO BE NAILED TO WALL STUDS W/ IØD NAILS AT 4" EDGE & 8" FIELD NAIL SPACING, UNLESS OTHERWISE NOTED.
- 16. GYPSUM WALL SHEATHING AT INTERIOR SHEAR WALLS TO BE BLOCKED AND SECURED TO STUDS WITH DRYWALL NAILS AT 7" O.C. AND 4" O.C. ALONG THE EDGES. FOR WALLS NOT USED FOR SHEAR CAPACITY NAIL @ 14" O.C..
- 17. PROVIDE CONT. LATERAL BRACING AND/OR BLOCKING BETWEEN CHORDS OF TRUSSES AS REQUIRED OR AS NOTED BY TRUSS MANUFACTURER TO ADEQUATELY TRANSFER LOADS TO SHEAR WALLS.
- 18. CONTRACTOR TO VERIFY THAT HURRICANE CLIPS/TIE DOWNS SHOWN WILL RESIST WIND UPLIFT FROM ROOF TRUSSES. IF UPLIFT VALUE FROM ROOF TRUSS MANUFACTURER EXCEEDS CAPACITY OF THE HURRICANE CLIPS/TIE DOWN, THE CONTRACTOR SHALL PROVIDE A CONNECTOR TO SAFELY RESIST THE UPLIFT LOADS.
- 19. ANCHOR BOLTS TO BE 1/2" + VIONG W/2" SQ. WASHERS @ SPACED PER WINDLOAD ANALYSIS REPORT. FIRST ANCHOR BOLT IS TO BE PLACED MAX 12" FROM EACH CORNER.
- 20. EXTERIOR END WALLS AT VAULTED OR CATHEDRAL CEILING LOCATIONS TO BE BALLOON FRAMED FROM SILL PLATE TO CEILING LINE.
- 21. REFER TO SCHEDULE BELOW FOR CONNECTOR COATING INFORMATION (SIMPSON STRONG-TIE WOOD CONSTRUCTION CONNECTORS CATALOG C-2006, PAGE 1):

	UNTREATED	SBX/DOT	,	CQ-D (CAF 4-B & CBA			OTHER OR		
ENVIRONMENT	WOOD	# ZINC BORATE	NO AMMONIA	WITH AMMONIA	HIGHER CHEMICAL CONTENT	ACZA	UNCERTAIN		
NTERIOR-DRY	LOW	LOW	MED	MED	HIGH	HIGH	HIGH		
EXTERIOR-DRY	LOW	N/A	MED	HIGH	HIGH	HIGH	HIGH		
EXTERIOR-WET	MED	N/A	MED	HIGH	HIGH	HIGH	HIGH		
HIGHER EXPOSURE	HIGH	N/A	HIGH	HIGH	HIGH	HIGH	HIGH		
UNCERTAIN	HIGH	N/A	HIGH	HIGH	HIGH	HIGH	HIGH		
LOW = USE SIMSPON	STANDARD	PAINTED A	ND G90 G/	ALVANIZED	CONNECTO	RS AS A	MINIMUM		
LOW = USE SIMSPON STANDARD PAINTED AND G90 GALVANIZED CONNECTORS AS A MINIMUM MED = USE ZMAX/HDG GALVANIZED CONNECTORS AS A MINIMUM. USE FASTENERS GALVANIZED PER ASTM A153									

- 22. AT ENDS OF ALL SHEAR WALLS PLACE MIN. (3) BUILT-UP STUD GROUP, INSTALL SIMPSON PHD2 HOLDDOWN ANC. AT BUILT-UP STUD GROUP ENDS OF SHEAR WALLS TO PROVIDE CONTINUOUS LOAD PATH FROM FRAMING LEVEL TO CONCRETE FOUNDATION.
- 23. EXTERIOR WALLS TO BE FRAMED PER STUD SCHEDULE BELOW, UNLESS OTHERWISE NOTED

STUD SCHEDULE										
HEIGHT	STUD	SPACING								
0'-0" - 9'-0"	2×4	16" O.C.								
9'-0" - 10'-0"	2×6	16" O.C.								
10'-0" - 20'-0"	ENGINEERING REQ'D.									
STUDS TO BE BLO	OCKED AT 4'-0" O.C. MAX									

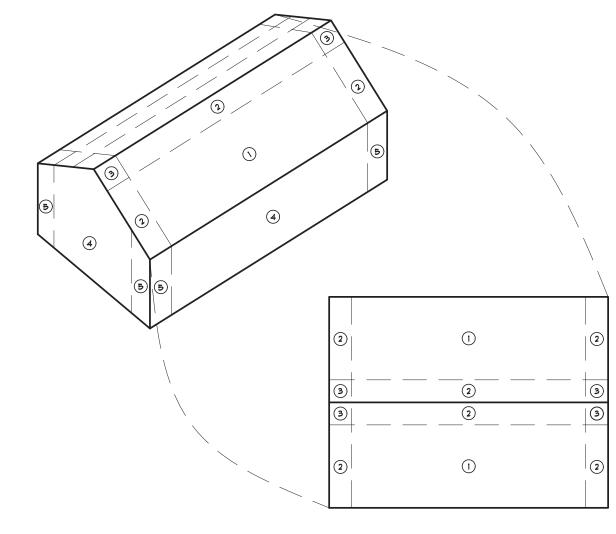
INSTALLED AT 10" O.C. AND 7" O.C. ALONG EDGES.

- 24. THE ENGINEER SHOULD BE NOTIFIED OF ANY DEVIATIONS FROM THE PLANS OR TRUSS SHOP
- 25. PERMANENT TRUSS BOTTOM CHORD LATERAL BRACING, CONSISTING OF 2x4 GRADE MARKED LUMBER, NAILED W/ MIN. (2) 16d NAILS PER TRUSS AND LAPPED AT LEAST TWO TRUSSES, SHALL BE SPACED NO GREATER THAN 15'-0".
- 26. PRE-ENGINEERED TRUSS BRACING PER TRUSS MANUFACTURER TO BE A MINIMUM OF 2×4 OF THE SAME SPECIES AS TRUSS.
- 27. CEILING TO BE A MINIMUM OF 1/2" GYPSUM WITH 5d COOLER NAILS OR GWB-54 1/2" NAILS

<u>SLAB ON GRADE</u>

- REFER TO GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION MORE THAN 12" BELOW BOTTOM OF SLAB.
- ABOVE SUBGRADE, USE FILL CONTAINING NOT MORE THAN 10% PASSING #200 SIEVE AND MAXIMUM I"A. COMPACT TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR ASTM D-1557. EACH LAYER OF FILL SHALL NOT RANDOMLY SELECT TEST
- 3. FILL PLACEMENT AND COMPACTION SHALL BE MONITORED AND ACCEPTED BY THE TESTING AGENCY. TAKE A MINIMUM OF ONE FIELD DENSITY TEST (ASTN D-1556 OR D 2922) FOR EACH 2,500 SQUARE FEET OF EACH LAYER. THE TESTING AGENCY SHALL RANDOMLY SELECT TEST LOCATIONS.
- 4. FOR INTERIOR SLABS PLACE 6 MIL POLYETHYLENE SHEETING BETWEEN SOIL AND BOTTOM OF SLAB. DO NOT USE ANY SHEETING BELOW EXTERIOR CONCRETE SLABS.
- 5. USE 6" THICK SLABS ON GRADE REINFORCED WITH 6x6 W2.0 x W2.0 WELDED WIRE REINFORCEMENT SUPPLIED IN FLAT SHEETS ONLY, U.O.N. USE CHAIRS TO SUPPORT WIRE FABRIC IN THE CENTER OF SLAB.
- PROVIDE CRACK CONTROL JOINTS AT 15 FEET MAXIMUM TO LIMIT AREAS BETWEEN JOINTS TO 225 SQ. FT. IN ALL FLOATING SLABS ON GRADE. LOCATE TO CONFORM TO BAY SPACING WHENEVER POSSIBLE, ADD CRACK CONTROL JOINTS AT 1/2 RE-ENTRANT CORNERS WHICH TEND TO INVITE CRACKS.
- 7. IN SIDEWALKS AND WALKWAYS, LOCATE ISOLATION JOINTS AT 20 FT. O.C. MAXIMUM SCORE AND TOOL BETWEEN ISOLATION JOINTS IN EQUAL BAYS OF 5 FT. OR LESS.
- 8. SEE THE ARCHITECTURAL DRAWINGS FOR SLAB ON GRADE DEPRESSIONS AND OTHER REQUIREMENTS.

GOVERNING CODE	ASCE 7-2
BUILDING TYPE	ENCLOSE
RISK CATEGORY	
EXPOSURE CATEGORY	t
ULTIMATE WIND SPEED	V = 130 MP
NOMINAL WIND SPEED	V = 108 MP
MEAN ROOF HEIGHT	13'-6'
Kz / Kzt / Kd	
INTERNAL PRESSURE COEFFICIENT	
VELOCITY PRESSURE AT 27'-0"	21.60 PS
FEMA FLOOD ZONE DESIGNATION	N/A
BASE FLOOD ZONE ELEVATION	N/A



COMPO	ONENTS 4	CLADDIN	IG (C4C) - ROOF	COMPONENTS & CL	ADDING (C	(4C) WALLS			
	INTE	RIOR ZON	(E (1)	INTERIO	R ZONE (4)				
TRIBUTARY AREA (FT²)		RESSURE 3/FT²)	OVERHANG WIND PRESSURE (LB/FT²)	TRIBUTARY AREA (FT ²)		ESSURES /FT²)			
10	22.8	-41.7	-61.1	10	24.9	-27			
50	18.2	-27	-43.8	20	23.7	-25.8			
100	16.2	-20.6	-36.3	50	22.3	-24.4			
200	16	-20.6	-35.2	100	21.1	-23.2			
	RII	OGE ZONE	(2)	EDGE ZONE (5)					
TRIBUTARY		RESSURE	OVERHANG WIND	10	24.9	-33.3			
AREA (FT ²)		3/FT ²)	20	23.7	-31				
			PRESSURE (LB/FT²)	50	22.3	-28.1			
10	22.8	-45.9	-65.3	100	21.1	-25.8			
50	18.2	-34.6	-51.4	EDGE ZONE (a) = 3'	-Ø"	•			
100	16.2	-29.7	-45.4						
200	16	-24.9	-39.4						
	COF	ENER ZON	E (3)	MAIN WIND FORCE F	æsisting: 8 UFRS)	TRUCTURE			
TRIBUTARY AREA (FT²)		RESSURE 3/FT ²)	OVERHANG WIND PRESSURE (LB/FT²)	NET DESIGN WALL F		16.00			
10	22.8	-56.5	-82.2	NET HORIZONTAL F	RESSURE				
50	18.2	-39.5	-60	ON ROOF (LB		8F.E			
100	16.2	-32.2	-50.4	NET UPLIFT PRESS		12.42			
200	16	-24.9	-50.4	ROOF (LB/F	T ²)	12.42			
NOTE:									

FOR EFFECTIVE AREAS BETWEEN THOSE GIVEN ABOVE THE LOAD MAY BE INTERPOLATED, OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.

WIND NOTES

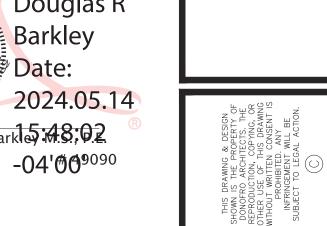
- GIRDER TRUSSES, OTHER THAN TYPICAL HIP GIRDERS, REQUIRE SPECIAL ATTENTION FOR
- UPLIFT REQUIREMENTS 2. GABLE ENDS TO BE CONTINUOUSLY SHEATHED, ALL EDGES TO BE BLOCKED ON STRUCTURAL
- 3. THE ENGINEER SHOULD BE NOTIFIED OF ANY DEVIATIONS FROM THE PLANS.
- 4. EDGE SPACING FOR SHEATHING TO BE 4" ON CENTER FOR FIRST PANEL AT ALL EAVES. 5. EDGE SPACING FOR WALL SHEATHING TO BE 4" ON CENTER AT TOP AND BOTTOM PLATE, AND
- AT ALL CORNERS.
- 6. SEE ATTACHED FOR GABLE END BRACING. 1. FOR VAULTED CEILINGS, BALLOON FRAMING REQUIRED.
- 8. STRUCTURAL GRADE THERMO-PLY SHEATHING ON INTERIOR OF WALL 3" EDGE & 6" FIELD SPACING MAY BE USED AS AN ALTERNATE TO OSB FOR INTERIOR SHEAR WALLS.
- 9. PORCH POST HAVE TO HAVE MIN. ABUZ COL. BASE W/ PCZ COL. CAP (EPC AT END POSTS) OR APPROVED ALTERNATIVE, UNLESS NOTED OTHERWISE.
- 10. ALL STRUCTURAL HEADERS AND BEAMS TO BE MINIMUM SOUTHERN YELLOW PINE NO.2
- 11. 5/8" X 8" TITEN HD ANCHOR BOLT IS AN ACCEPTABLE ALTERNATIVE TO CAST-IN-PLACE ANCHOR BOLTS AT THE HOLD DOWN ANCHOR LOCATIONS.
- 12. ANY EXTERIOR STUD WALL ABOVE 10'-0" STUD HEIGHT SHOULD BE 2×6.



2024.05.14 # 49090

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ARCHITEC

DONOFRO

FOUNDATION LEGEND:

EDGE OF SLAB

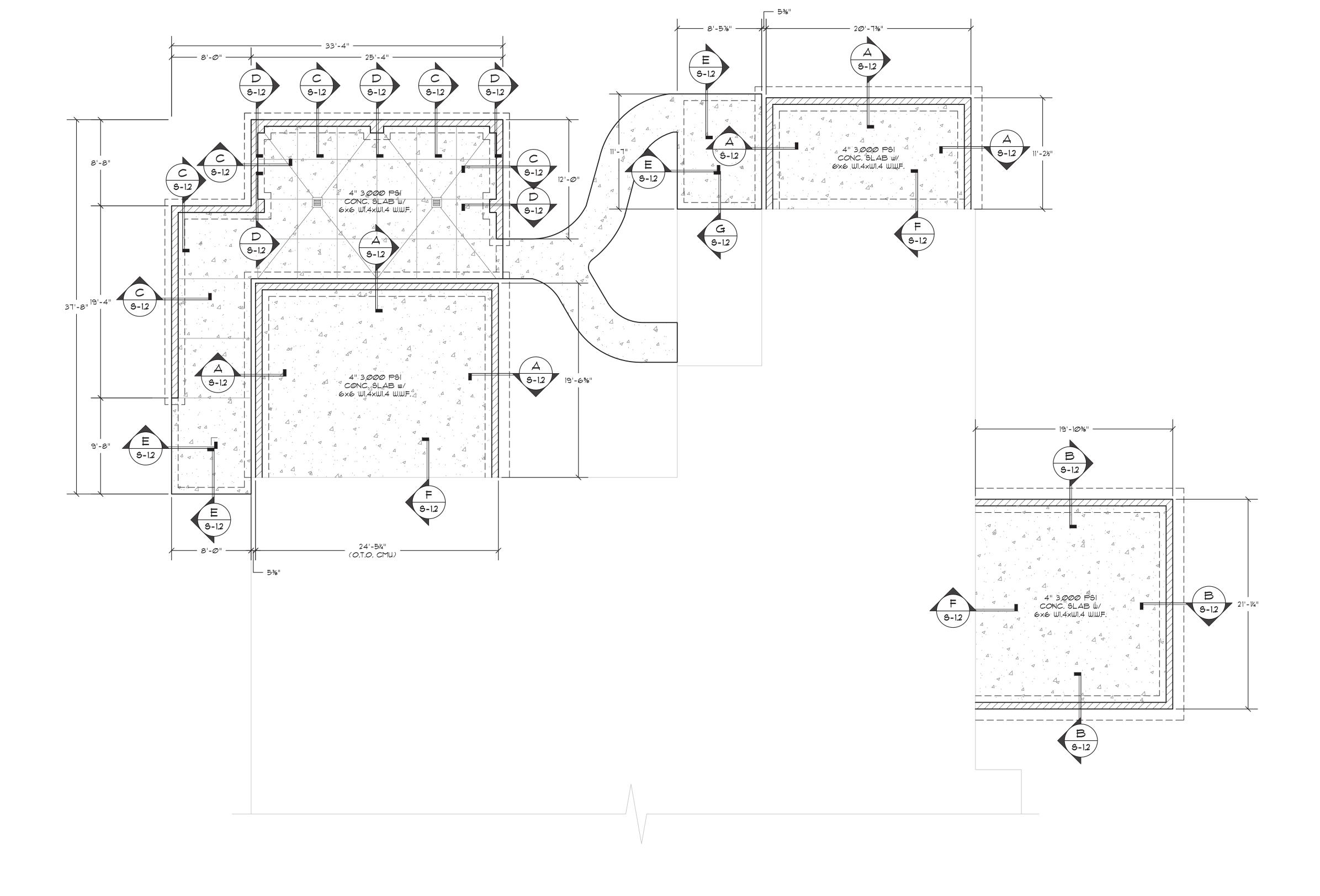
— — — EDGE OF FOOTING

CMU COLUMN

STEP-DOWN AS SPECIFIED

EXISTING FOUNDATION

SHEET No.



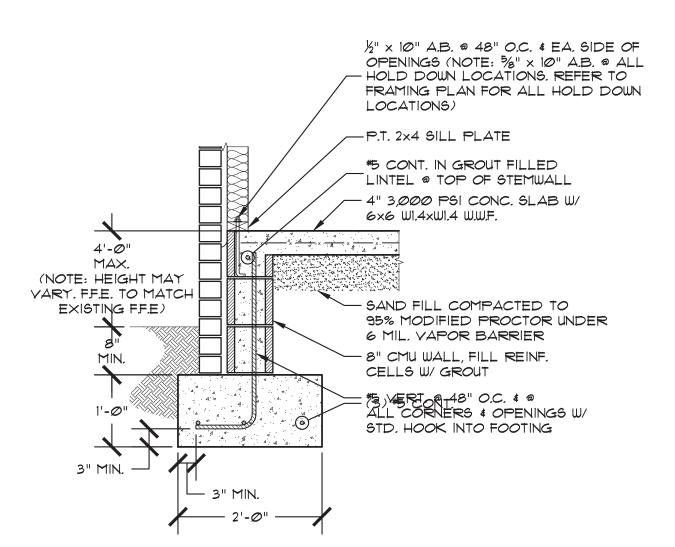
FOUNDATION PLAN

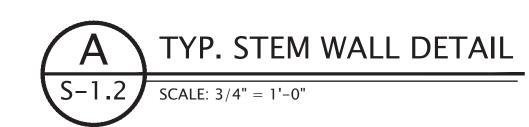
SCALE 1/8"=1'-0"

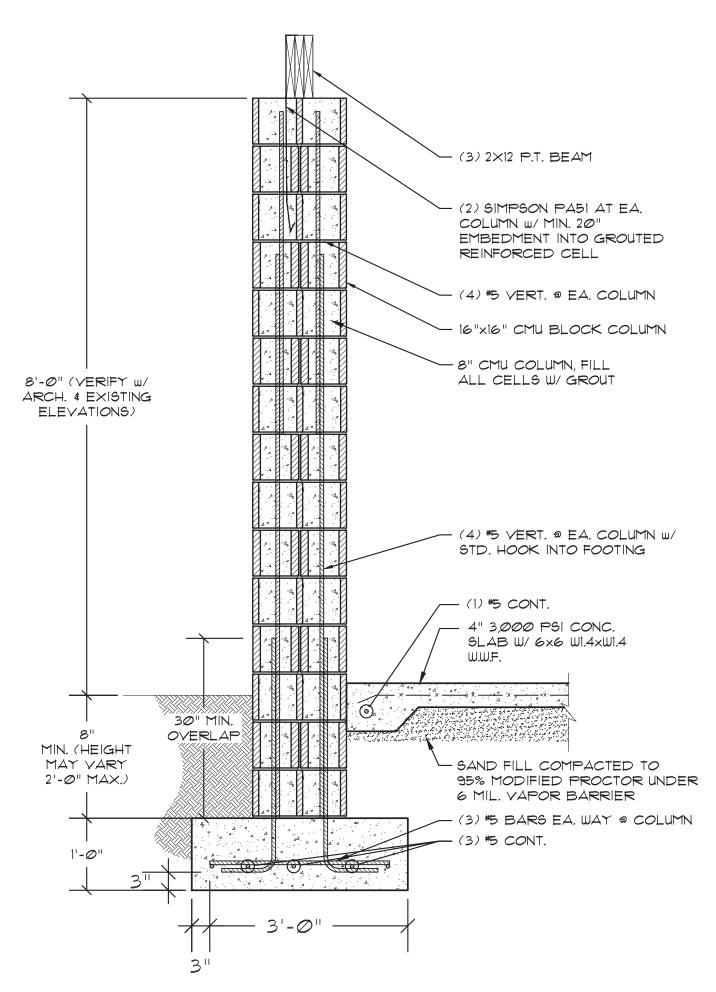
- CONTRACTOR, ARCHITECT, AND TRUSS ENGINEER TO REVIEW AND VERIFY ALL DIMENSIONS, FLOOR SYSTEM ENGINEERED WOOD BEAMS, PILE AND GIRDER, AND/OR BEARING WALL FOOTER LOCATIONS PRIOR TO CONSTRUCTION.
- ENGINEERED WOOD BEAMS, PILES, GIRDERS, AND BEARING WALL SIZE AND LOCATIONS ARE DETERMINED BASED ON PLANS PROVIDED TO BCEI. IF ANY BUILDING COMPONENTS INCLUDING WALLS AND ROOF ARE ADDED, DELETED, OR REVISED, THE E.O.R. MUST BE NOTIFIED.

FOUNDATION NOTES:

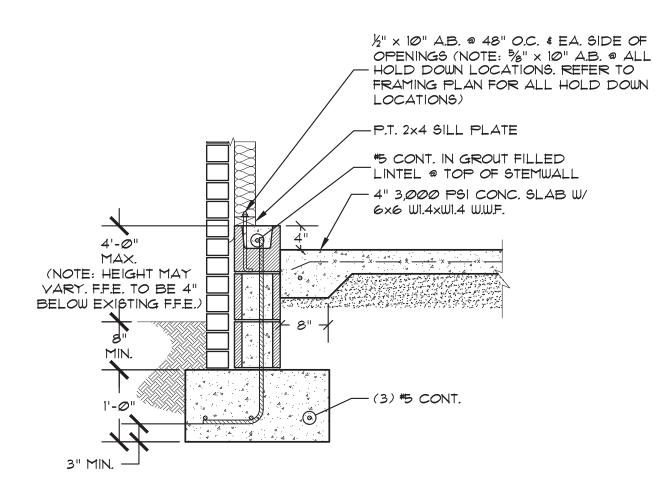
- 3. ADDITIONAL ENGINEERED WOOD BEAMS, PILES, GIRDERS, AND/OR BEARING WALLS MAY BE REQUIRED, CONTACT E.O.R.
- 4. VERIFY EXISTING FOUNDATION. CONTACT E.O.R. WITH ANY VARIATIONS TO FOUNDATIONS DETAILS SHOWN

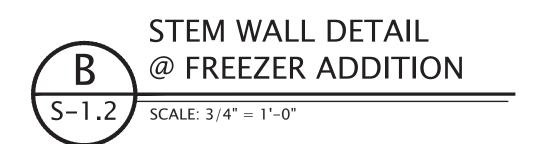


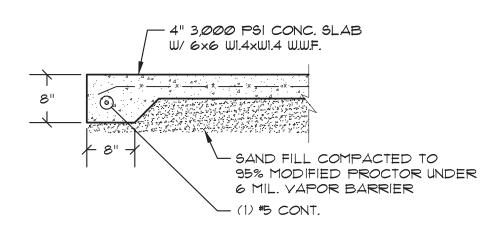




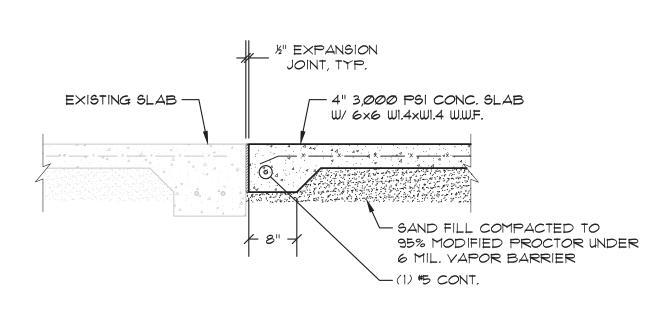




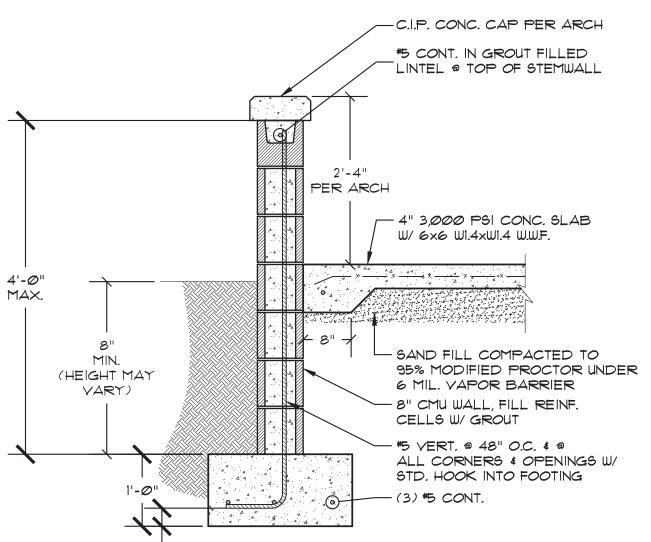












RETAINING WALL DETAIL

— ½" EXPANSION JOINT, TYP.

- 4" 3,000 PSI CONC. SLAB W/ 6×6 W1.4×W1.4 W.W.F.

-(1) #5 CONT.

- SAND FILL COMPACTED TO 95% MODIFIED PROCTOR UNDER

6 MIL. VAPOR BARRIER

x 44 44 44 X 44 X 44 X

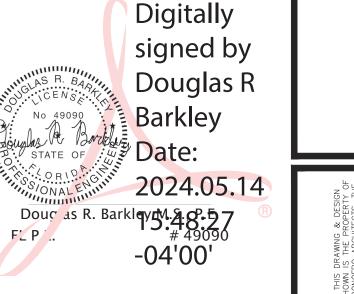
SCALE: 3/4" = 1'-0"

EXISTING STUD WALL -

EXISTING STEMWALL -

EXISTING SLAB -





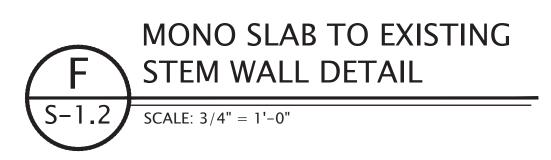


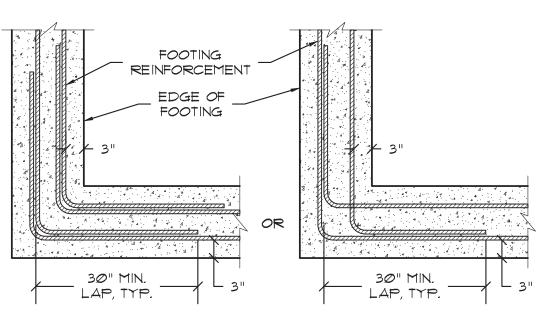
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DONOFRO

ADDITIONS AND RENOVATIONS
HOLMES COUNTY COUN
ON AGING
BONIFAY FLODINA

SHEET No.





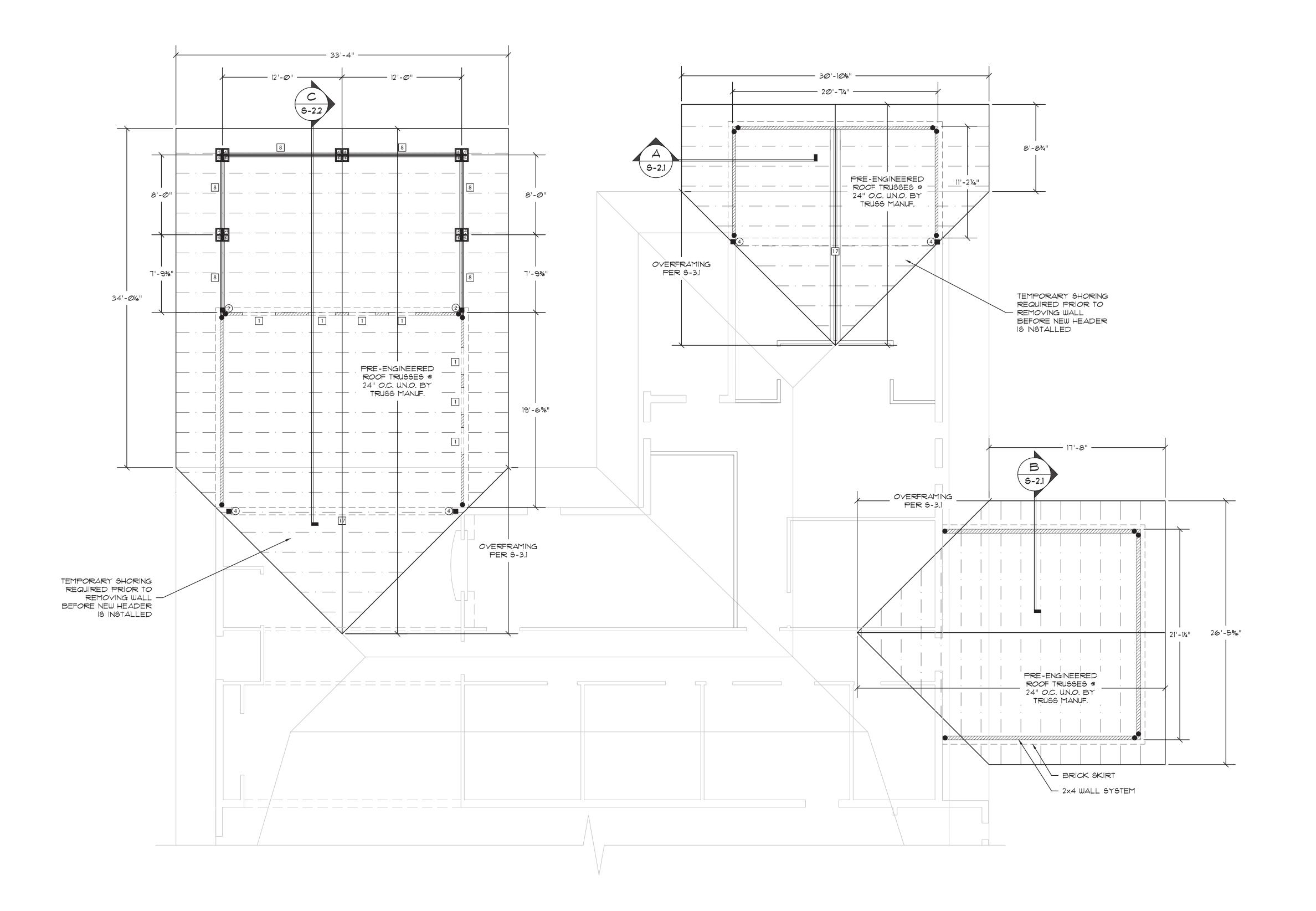
TYP. BAR LAP DETAIL

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

I'' TO I'' SAWN JOINT W/ SEALANT OR PREMOLDED METAL KEYWAY. - JOINT SHALL BE SAWN WITHIN 12 HOURS OF SLAB PLACEMENT PER SLAB ON GRADE NOTES

TYP. CONTROL JOINT DETAIL

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



Digitally signed by Douglas R Barkley 2024.05.14 15:48:43 -04'00'

RCHITE

DONOFR

FRAMING LEGEND:

2x4 #2 SPF @ 16" O.C. w/ ¹/₃₂" PLYWOOD SHEATHING w/ 10d @ 4" O.C. EDGE & 8" O.C. FIELD

HEADER: SAWN LUMBER BEAM: ENGINEERED WOOD BEAM:

PRE-ENGINEERED TRUSS: —— — EXISTING:

ROOF DETAIL LINE: SAWN LUMBER BEAM SCHEDULE

6 (1) 2x12 1 (2) 2x8 7 (2) 2x12 2 (3) 2x8 8 (3) 2x12 3 (1) 2x10 4 (2) 2x10 9 (4) 2x12 LB 2x12 P.T. LEDGER BOARD 5 (3) 2x10

ENGINEERED WOOD BEAM SCHEDULE

10 3½" x 11¼" 1.8E P.T. GLULAM

11 3½" x 16" 1.8E P.T. GLULAM

12 5½" x 11½" 1.8E P.T. GLULAM 13 5¼" x 16" 1.8E P.T. GLULAM

14 (1) $1\frac{3}{4}$ " x 16" 2.0E LVL

15 (2) 1¾" x 16" 2.0E LVL

16 (3) 1¾" x 16" 2.0E LVL CUSTOM BEAM SCHEDULE

STEEL MC12x35 SISTERED TO (2) 1¾ 7 x 11 7/8" 2.0E LVL w/ ½" THROUGH BOLTS STAGGERED T&B @ 16" O.C.

NOTE: SEE E.O.R. FOR BEAMS THAT DO NOT MEET THE ABOVE OUTLINES CRITERIA. BEAM SIZES ARE BASED ON PLANS PROVIDED TO BCEI. SEE E.O.R. IF ANY DOOR, WINDOW, OR OTHER OPENING SIZES OR LOCATIONS ARE CHANGED.

POST & STUD PACK SCHEDULE (1) 2x6 (1) (1) 2x4

(2) 2x6 (2) (2) 2x4 (3) 2x6 (3) (3) 2x4

(4) 2x6 (4) (4) 2x4 11 P.T. 8x8 (9) | P.T. 4x4

12 P.T. 10x10 (10) P.T. 6x6

HOLDOWN LEGEND: SIMPSON HDU4

▲ SIMPSON HD5B

SIMPSON HTS20

SHEET No.

ADDITIONS AND RENOVATION HOLMES COUNTY CON AGING BONIFAY, FLORIDA

FRAMING PLAN

6. ALL NON-P.T. GLULAMS SHALL BE MIN. POWERBEAM OR EQUAL.

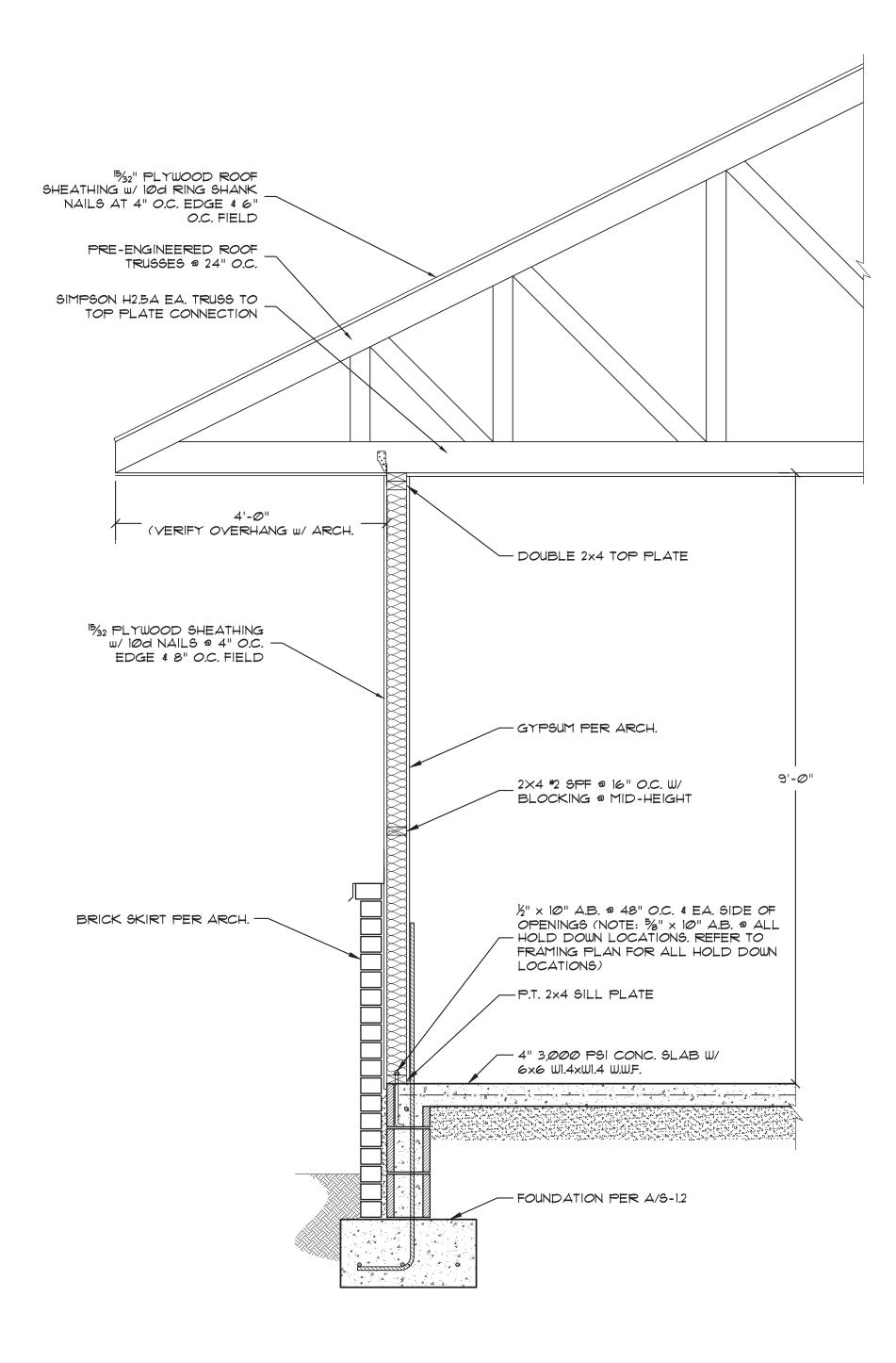
SCALE 1/4"=1'-0"

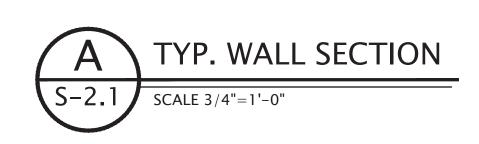
									* SIMPSON ATR @	32"
	FRAMING NOTES:					HEADER	SIZE AND STRAPPING:			
VERIFY ALL DIMENSIONS w/ ARCHITECTURAL PLANS & CENTER ALL BEAMS UNDER LOAD	7. INSTALL ALL 3½" AND 5¼" LAM BEAMS w/ SIMPSON HU416 AND HU616 JOIST HANGERS	14. TRUSS ENGINEER TO REVIEW AND VERIFY BEARING WALL LOCATIONS, PRELIMINARY	SPAN (FT.)	HEADER SIZE (U.O.N.)	2x4 JACK STUDS REQUIRED	2x4 KING STUDS REQUIRED	JACK STUD(S) REQUIRED STRAPPING REQUIREMENTS		, ,	
BEARING WALLS 2. VERIFY ALL INTERIOR WALL LOCATIONS w/ ARCHITECTURAL PLANS	WHERE NEEDED PER MANUFACTURER SPECIFICATIONS U.O.N. 8. FASTEN ALL BEAMS TO STUD PACKS WITH SIMPSON HTS20,	TRUSS LAYOUT, AND TRUSS HARDWARE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO E.O.R.	0-4	(2) 2x8	1	1	N/A	N/A	SIMPSON SPH4	N/A
3. (2) 2x4 #2 SPF STUD PACK UNDER EA. GLULAM OR LVL. CONTINUE STUD PACK TO FIRST FLOOR FRAMING.	9. PROVIDE SOLID BLOCKING BELOW ALL POSTS/STUD PACKS. 10. HEADERS SHALL INCLUDE ½" PLYWOOD FLITCH PLATES SANDWICHED BETWEEN PLIES	15. TRUSS ENGINEER TO REVIEW AND VERIFY CONTINUOUS LOAD PATH THROUGH FLOOR(S) TO CONC. FOOTING BELOW.	4-6	(2) 2x10	2	1	SIMPSON MSTA24	(18) 0.148 x 2½	SIMPSON SPH4	(12) 0.148 x 1½
4. LVL BEAMS SHALL BE MIN. 2.0E LP LVL – SEE MANUFACTURER'S INSTRUCTIONS FOR	EXCEPT AT LAM BEAMS.	16. INSTALL MIN. (2) 2×4 STUD PACKS BELOW ALL GIRDER TRUSSES AND STRAP w/ (2)	6+	PER E.O.R.	3	2	(2) SIMPSON MSTA24	(36) 0.148 x 2½	(2) SIMPSON SPH4	(24) 0.148 x 1½
FASTENING SCHEDULE. 5. ALL P.T. GLULAMS SHALL BE ANTHONY POWERBEAMS.	11. ALL HEADERS AND INTERIOR FRAMING SHALL BE MIN #2 SYP.12. ALL EXTERIOR LUMBER TO BE PRESSURE-TREATED #2 SYP.	SIMPSON HTS20 U.O.N. 17. CONTRACTOR TO REVIEW AND VERIFY FINALIZED TRUSS LAYOUT FOR COMPATIBILITY w/	PORCH/EXTERIOR	PER E.O.R.	N/A	N/A	N/A	N/A	N/A	N/A

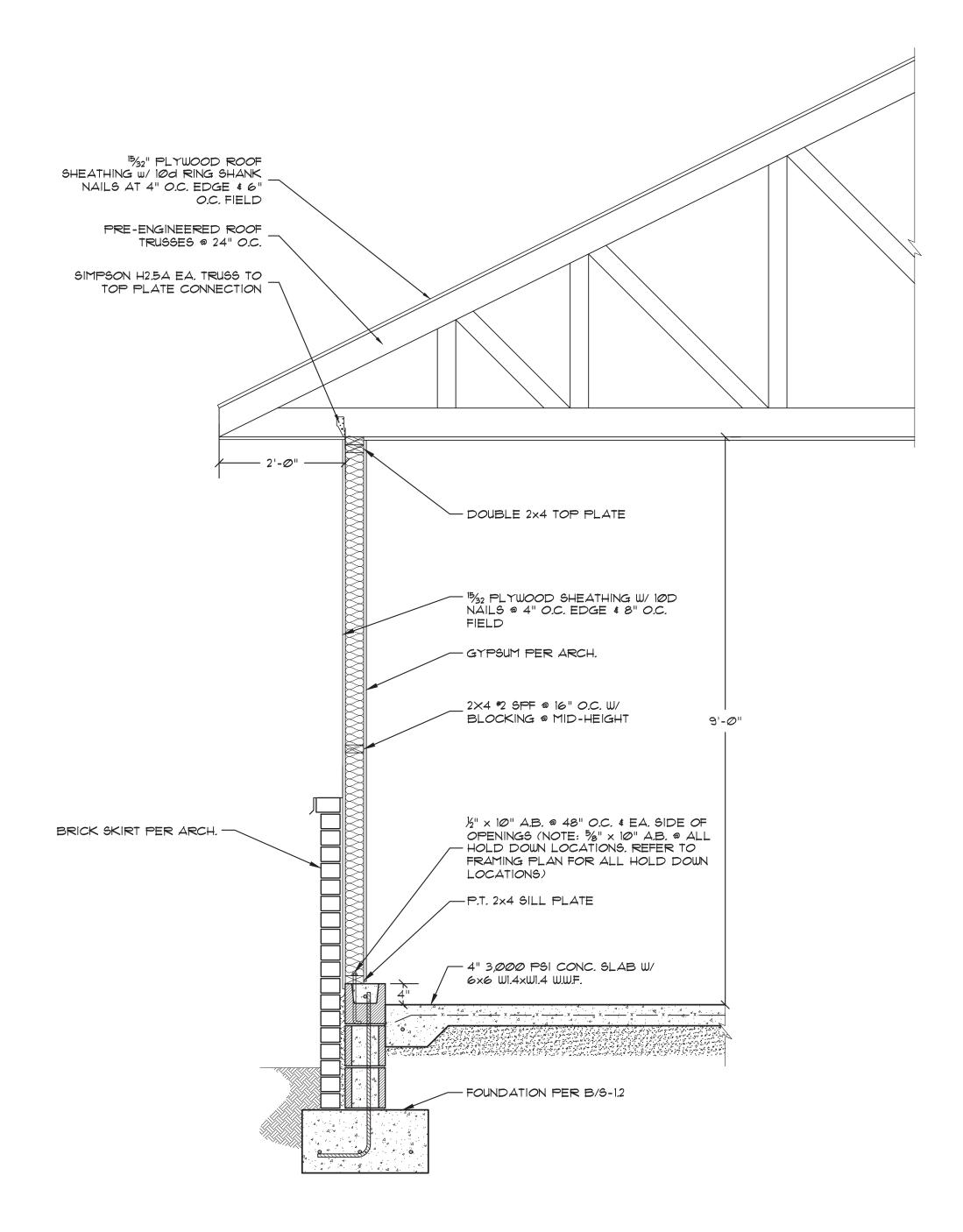
BCEI PLANS PRIOR TO CONSTRUCTION.

13. EXTEND ALL THREADED RODS TO DOUBLE TOP PLATE BELOW ROOF TRUSSES.





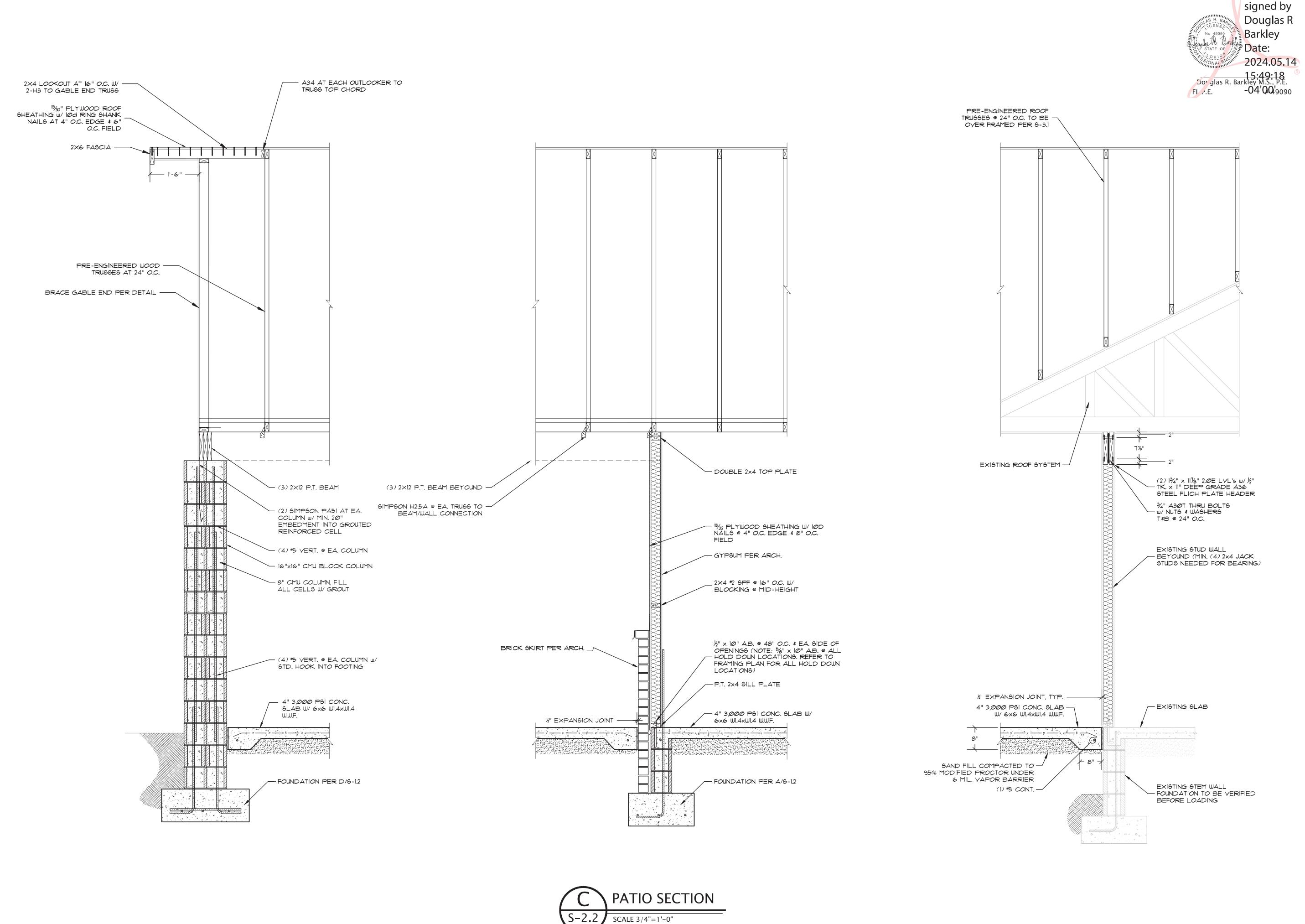






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ADDITIONS AND RENOVATIONS
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BONIFAY, FLORIDA

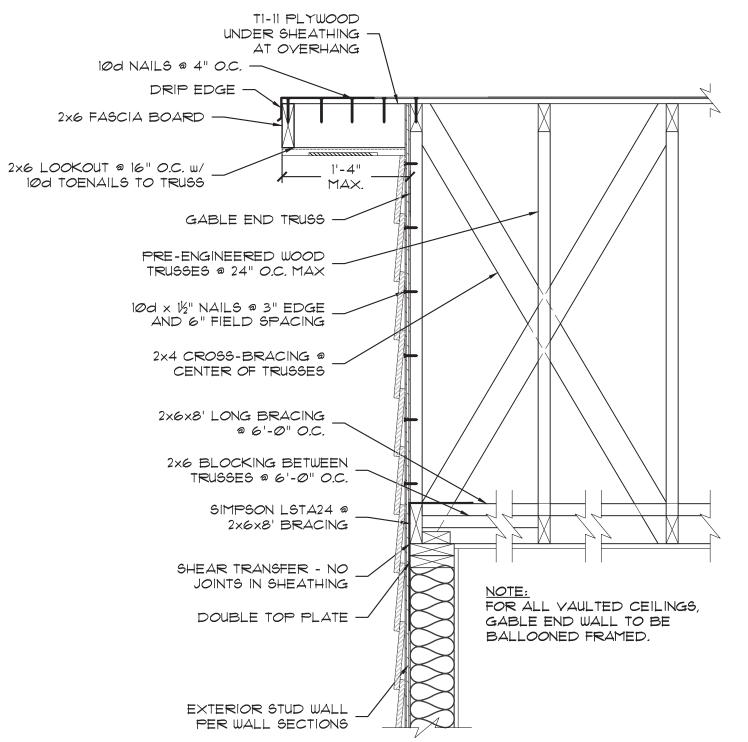


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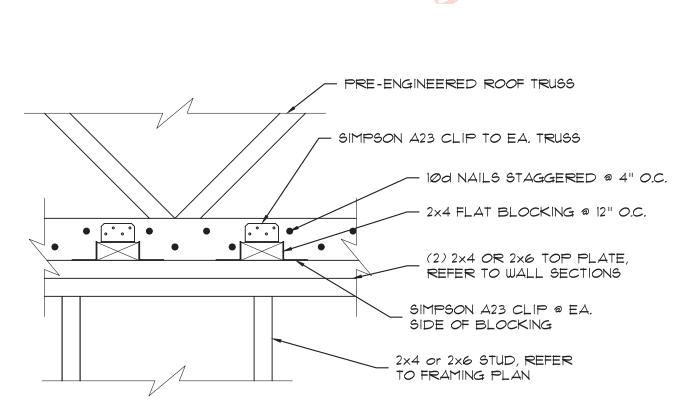
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ADDITIONS AND RENOVATIONS
HOLMES COUNTY COUN
ON AGING
BONIFAY, FLORIDA



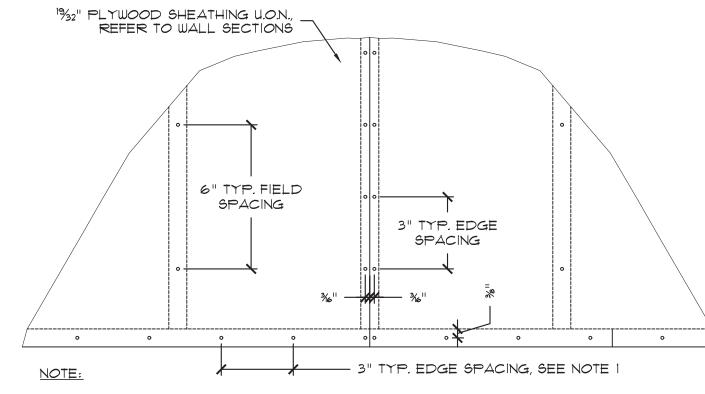
$^{19}\!\!_{32}$ " PLYWOOD STRUCTURAL SHEATHING W/ - 10d RINGSHANK NAILS @ 4" O.C. EDGE \$ 8" O.C. FIELD U.O.N., REFER TO WALL SECTIONS SECURE OVER-FRAMED VALLEY TRUSSES TO VALLEY TRUSS PER - COMMON TRUSSES OR SUPPORT FRAMING THROUGH TRUSS ENGINEER SHEATHING W/ SIMPSON VCTR @ 24" O.C. MAX BEAM OR EXTERIOR NOTES: - BEARING WALL PER 1. TRUSS CONNECTIONS ARE DETERMINED BASED ON TYPICAL DESIGN LOADS AND CONSTRUCTION PARAMETERS AND SHALL BE VERIFIED BY TRUSS ENGINEER AND/OR SECURE COMMON TRUSS TO CONTRACTOR PRIOR TO CONSTRUCTION. VALLEY TRUSS W/ SIMPSON HUS26

PRE-ENGINEERED ROOF TRUSS ~ 2x4 FLAT BLOCKING @ 12" O.C. SIMPSON A23 CLIP @ EA. SIDE OF BLOCKING SCAB 2×4×12' @ EA. TRUSS w/ 100d NAILS STAGGERED @ 4" O.C. SIMPSON A23 CLIP TO EA. TRUSS - DOUBLE 2x4 TOP PLATE - 2×4 OR 2×6 STUD SHEATHING PER FRAMING PLAN



GABLE END FRAMING

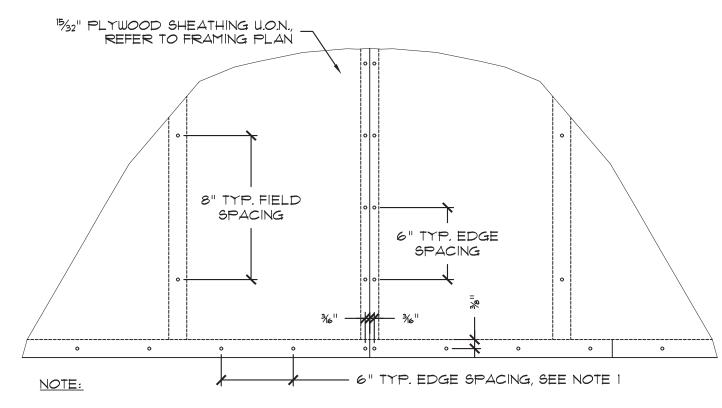
SCALE: 3/4" = 1'-0"



- 1. FOR ROOF SHEATHING EDGE SPACING TO BE 3" FOR FIRST PANEL AT ALL EAVES AND RIDGES
- 2. NAIL SPACING SHOWN ARE MAX. ALLOWABLE

ROOF SHEATHING

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



- FOR WALL SHEATHING EDGE SPACING TO BE 6"
 FOR FIRST PANEL AT ALL EAVES AND RIDGES
- 2. NAIL SPACING SHOWN ARE MAX. ALLOWABLE

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

WALL SHEATHING

TYPICAL OVERFRAMING

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

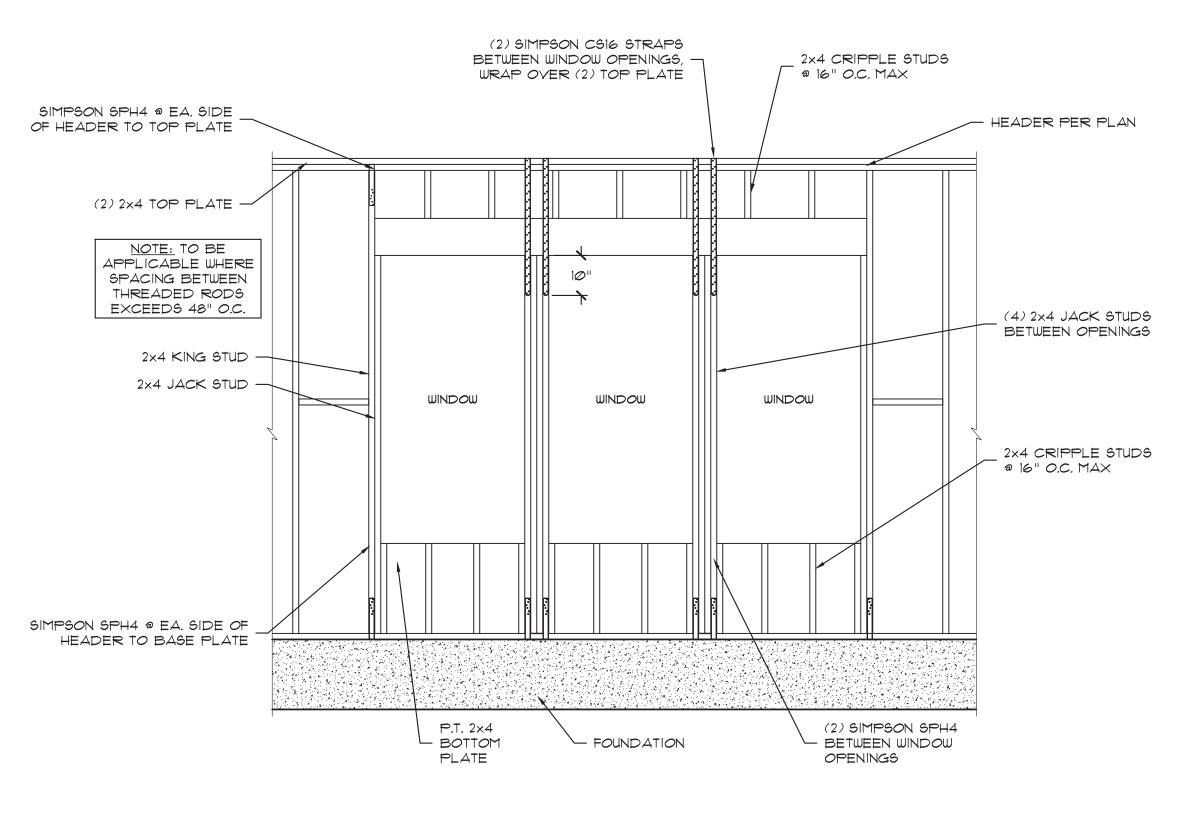
ROOF TRUSS SHEAR CONNECTION

OR WIND LOAD ANALYSIS

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

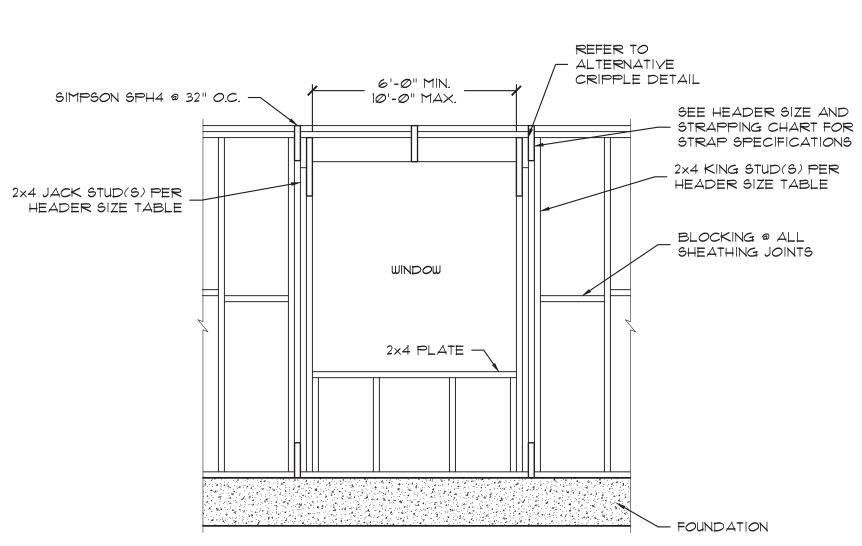
ROOF TRUSS SHEAR CONNECTION

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





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



WINDOW STRAPPING

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

SHEET No.

Digitally

signed by

Douglas R

2024.05.14

-04'0@'49090

Barkley

Date:

15.49.33 Do aglas R. Barkley M.S., P.E.

FI P.E.

HITE X

X NO

ADDITIONS AND RENOVATIONS
HOLMES COUNTY COUN
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BONIFAY, FLORIDA

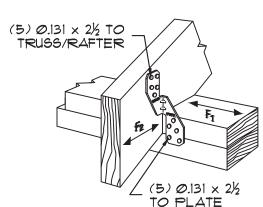
SIMPSON H3

(22) Ø.162 x 3½"

(10) 0.148 x 3" TO JOIST

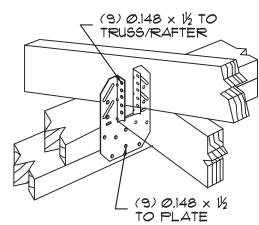
TO BEAM

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



SIMPSON H2.5A

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



SIMPSON H10A

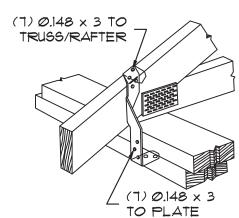
 $(26) 0.162 \times 3\frac{1}{2}$ "

TO BEAM

SIMPSON HU416

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

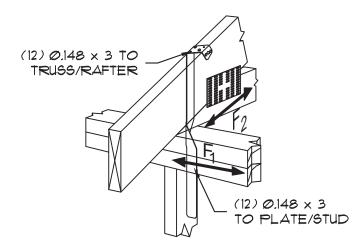
SCALE: 1-1/2" = 1'-0"



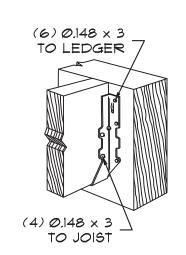
SIMPSON MTS12

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

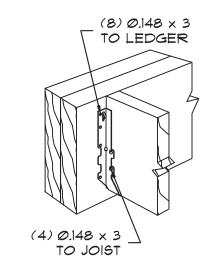
(8) Ø.162 x 3½" TO JOIST



SIMPSON HTS20



SIMPSON LUS28



SIMPSON LUS210

(2) SDWC15600

OVERHANG

TYPE

HURRICANE

DECK JOIST HANGER

RAFTER

HANGER

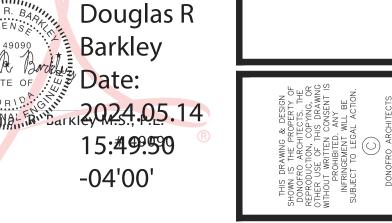
ENGINEERED WOOD BEAM HANGER

HOLDOWNS

SIMPSON

INSTALLATION NOTES:

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



Digitally

FL P.E.

_ TRUSS OR

1. INSTALL THROUGH TRUSS/RAFTER INTO TOP PLATE

ANGLE w/A1/2" TO 1/2" OFFSET FROM THE OPPOSITE EDGES OF TOP PLATE.

SCREW KITS FOR OPTIMAL 22.5° INSTALLATION. TO

PRE-DRILL THROUGH TRUSS PLATES, USE A 1/6 DRILL BIT.

SIMPSON SDWC15600

FASTENER SCHEDULE

TO BEAM/TRUSS/RAFTER

(4) $0.131 \times 2\frac{1}{2}$

(5) $0.131 \times 2\frac{1}{2}$

(9) 0.148 x 1½

(7) 0.148 x 3

(12) 0.148 x 3

(4) 0.148 x 3

(4) 0.148 x 3

(6) $0.162 \times 3\frac{1}{2}$

(6) $0.162 \times 3\frac{1}{2}$

(6) 0.162 x 3½

(22) 0.162 x 3½

(26) 0.162 x 3½

(22) 0.162 x 3½

(26) 0.162 x 3½

½"∅ x 12" A.B.

½"∅ x 12" A.B.

%"∅ x 12" A.B.

½"∅ x 12" A.B.

%"∅ x 12" A.B.

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

MODEL

H2.5A

H10A

MTS12

HTS20

LUS28

LUS210

LRU28

LRU210

LRU212

HU412

HU416

HU612

HU616

DTT2Z

HDU5

HTT5

HD5B

HDU8

2. BOTH SCREWS TO BE INSTALLED AT A 20°-25°

3. USE METAL INSTALLATION GUIDE INCLUDED IN

OPTIMAL

OPTIMAL

TO PLATE/FACE/POST

(4) $0.131 \times 2\frac{1}{2}$

(5) 0.131 x 2½

(9) 0.148 x 1½

(7) 0.148 x 3

(12) 0.148 x 3

(6) 0.148 x 3

(8) 0.148 x 3

(5) 0.162 x 3½

 $(7) 0.162 \times 3\frac{1}{2}$

 $(7) 0.162 \times 3\frac{1}{2}$

(10) 0.148 x 3

(12) 0.148 x 3

(8) 0.162 x 3½

 $(12) \ 0.162 \ x \ 3\frac{1}{2}$

 $(8) \frac{1}{4} \times \frac{2}{2} SDS$

 $(14)\frac{1}{4} \times 2\frac{1}{2} SDS$

(26) 0.148 x 3 (26) 0.148 x 1½

(26) 0.162 x 2½

(26) #10 x 1½ SD

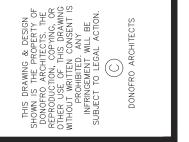
(2) ¾"∅ STUD BOLTS

 $(20) \frac{1}{4} \times \frac{2}{2} SDS$

RAFTER

signed by







ARCHITE

DONOFRO

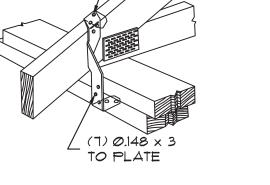
ADDITIONS AND RENOVATIONS
HOLMES COUNTY COUN
ON AGING
BONIFAY, FLORIDA

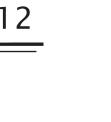
SHEET No.

TO PLATE

(12) Ø.148 x 3" TO JOIST

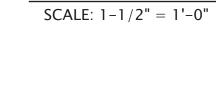




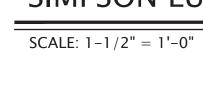


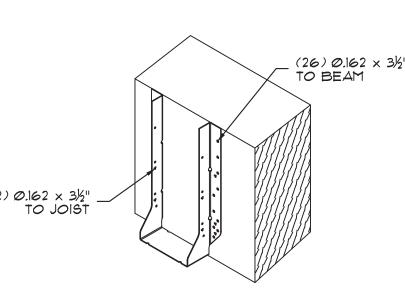
SIMPSON HU612

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



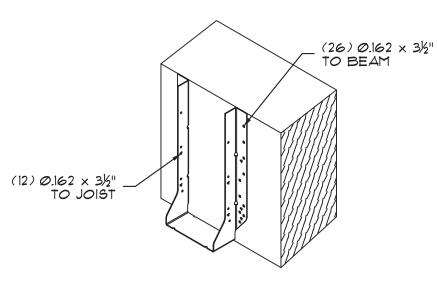
(22) Ø.162 x 3½" TO BEAM

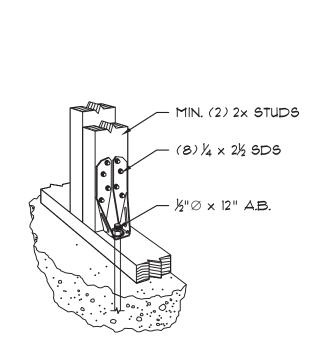




SIMPSON HU616

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



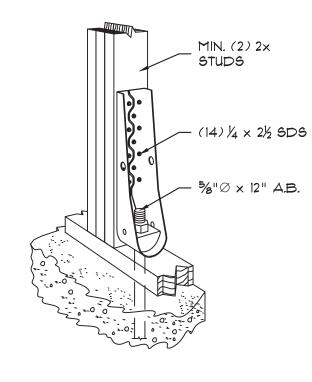


SIMPSON HU412

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

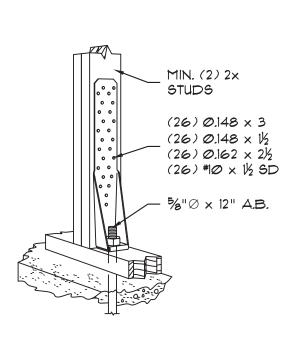
SIMPSON DTT2Z

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



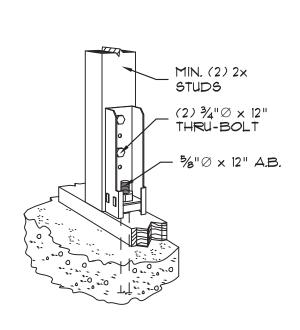
SIMPSON HDU5

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



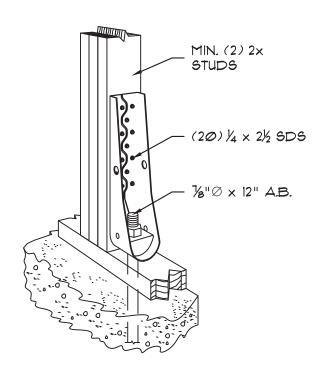
SIMPSON HTT5

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



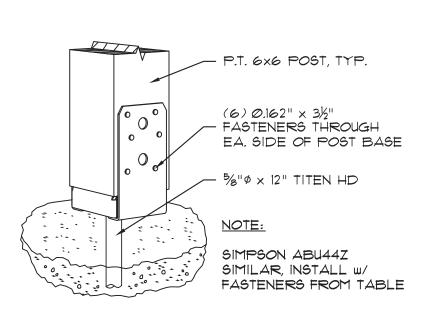
SIMPSON HD5B

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



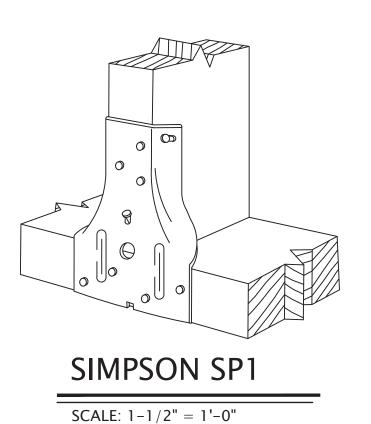
SIMPSON HDU8

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



SIMPSON ABU66Z

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



SIMPSON SP2 SCALE: 1-1/2" = 1'-0"

Drive \angle

an angle

nail at

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

ROOF SHEATHING
PSCL AT 2'-0" O.C. MAX. ALL SIDES OF SHEATHING
PROVIDES
1/8" GAP

ROOF SHEATHING
PSCL AT 2'-0" O.C. MAX. ALL SIDES OF SHEATHING PROVIDES 1/8" GAP
SHEATHING CLIP

	POST BASES	ABU44Z	%"∅ x 10" A.B.	$(12) \ 0.162 \times 3\frac{1}{2}$
	FOST BASES	ABU66Z	%"∅ x 10" A.B.	(12) 0.162 x 3½
		SPH4	_	$(12) \ 0.148 \times 1\frac{1}{2}$
	STRAPS	SPH6	_	$(12) \ 0.148 \times 1\frac{1}{2}$
	STRAFS	CS16	(22) 0.148 x 2½" OR (26) 0.131 X 2½"	(22) 0.148 x 2½" OR (26) 0.131 X 2½"

LEGEND

	S or W	SOIL OR WASTE PIPING
	V	VENT PIPING
	CW	COLD WATER SUPPLY PIPING
	HW	HOT WATER SUPPLY PIPING
	HWR	HOT WATER RETURN PIPING
—— GAS ——— GAS ———	G	GAS PIPING
$-\!$	GV	GATE VALVE
\longrightarrow	CV	CHECK VALVE
—15—	BV	BALL VALVE
———————— <u>—</u>	НВ	HOSE BIBB
———————— <u>—</u>	WH	WALL HYDRANT
	СО	CLEANOUT TO FLOOR
	FD	FLOOR DRAIN
	COTS	CLEANOUT TO GRADE
 		UNION
	VTR	VENT THRU ROOF
		SHEET NOTE
		DOINT OF CONNECTION TO EVICTIN

 $S \rightarrow X$

POINT OF CONNECTION TO EXISTING SOLENOID VALVE MOP RECEPTOR WATER CLOSET TRAP PRIMER ELECTRIC WATER HEATER WATER HAMMER ARRESTOR TYPE A WATER HAMMER ARRESTOR TYPE B WATER HAMMER ARRESTOR TYPE C URINAL KILOWATT TEMPERATURE CONTROL VALVE MASTER SHUT OFF VALVE **SWITCH** WET VENT CIRCULATOR PUMP 2" HUB DRAIN WITH FLEXIBLE TRAP SEAL BY MIFAB OR EQUAL ABOVE CEILING UNLESS NOTED MIXING VALVE ELECTRIC WATER COOLER

UTILITY BOX

SHOWER

SINK

SK

SINK OR LAVATORY (CABINET MOUNT SIMILAR) WATER SUPPLY WATER SUPPLY WITH ESCUTCHION WITH ESCUTCHION P-TRAP-

LAV/SINK MIXING VALVE DETAIL

NOTE: MIXING VALVE WILL BE TYPICAL FOR L-1, L-2, HS-1

GENERAL NOTES

- COORDINATE ALL PIPING WITH DUCTWORK SHOP DRAWINGS AND EXISTING CONDITIONS. ROUTE PIPING AS REQUIRED TO AVOID CONFLICTS.
- PRIOR TO START OF ANY WORK, COORDINATE SANITARY SEWER AND POTABLE WATER PIPING WITH CIVIL DRAWINGS.
- FIELD VERIFY PIPE INVERTS PRIOR TO LAYING OUT SANITARY SEWER PIPING.
- ALL PIPING PASSING THROUGH ANY WALL SHALL HAVE A SLEEVE PER SPECIFICATIONS.
- ALL PIPING PASSING THROUGH FIRE-RATED WALLS SHALL HAVE A FIRE-RATED SLEEVE PER SPECIFICATIONS. ALL PIPING PENETRATIONS THROUGH WALLS OR FLOORS SHALL BE SEALED TO EQUAL THE RATING OF THE WALLS OR FLOORS.
- ALL PIPING INDICATED IS ABOVE THE CEILING EXCEPT THE OBVIOUS SANITARY SOIL, WASTE, VENT AND POTABLE WATER PIPING BELOW FLOOR OR GRADE.
- 7. SEE TOILET ROOM ELEVATIONS ON ARCHITECTURAL DRAWINGS FOR PLUMBING FIXTURE MOUNTING HEIGHT.
- COORDINATE EXACT LOCATION OF ALL EXTERIOR WALL HYDRANTS WITH ARCHITECTURAL DRAWINGS.
- UNDER SLAB SOIL, WASTE AND VENT PIPING PASSING TO UNDERSIDE OR THROUGH FOUNDATION FOOTING, WALL OR GRADE BEAM SHALL BE PROVIDED WITH A RELIEVING ARCH OR PIPE SLEEVE 2 (TWO) PIPE SIZES GREATER THAN PIPE SIZE INDICATED ON PLANS. COORDINATE FINAL PIPE ROUTING AND LAYOUT WITH STRUCTURAL DRAWINGS.
- 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
- 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.

PIPE SIZES-INCHES

HW

3/8

3/8

3/4

3/4

FLANGE

1/2

3/8 1-1/2(3

3/8 1-1/4

1-1/4

1-1/2

CW

1/2

1/2

3/8

3/8

3/4

1/2

3/8

3/4

3/8

14. ALL WORK SHALL COMPLY WITH THE FLORIDA BUILDING CODE 8TH EDITION (2023) PLUMBING.

MARK

L-1

L-2

UR-1

HS-1

FD

FS-1

TP-1

WC-1 WATER CLOSET

WC-2 WATER CLOSET

LAVATORY

LAVATORY

hand sink

MV-1 WATER MIXING VALVE

FLOOR DRAIN

ELECTRIC WATER HEATER

CIRCULATOR PUMP (INLINE)

TEMPERATURE CONTROL VALVE

RECESSED UTILITY WALL BOX (ICE MAKER HOOK-UP)

THREE COMPARTMENT SINK (OWNER FURNISHED)

2. SEE ELECTRICAL DWGS FOR FINAL POWER REQUIREMENTS.

SCALE: NONE

1. WATER SUPPLY TAPPING TO EACH PLUMBING FIXTURE SHALL BE FULL SIZE (MINIMUM).

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

FLOOR SINK

TRAP PRIMER

HOSE BIBB

AD-1 AREA DRAIN

URINAL

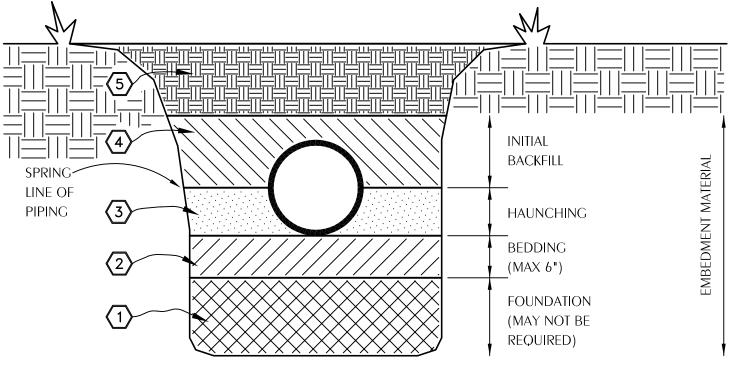
FIXTURE

PLUMBING FIXTURE SCHEDULE

(1) A FOUNDATION MAY BE REQUIRED IN VERY POOR SOIL

- 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.

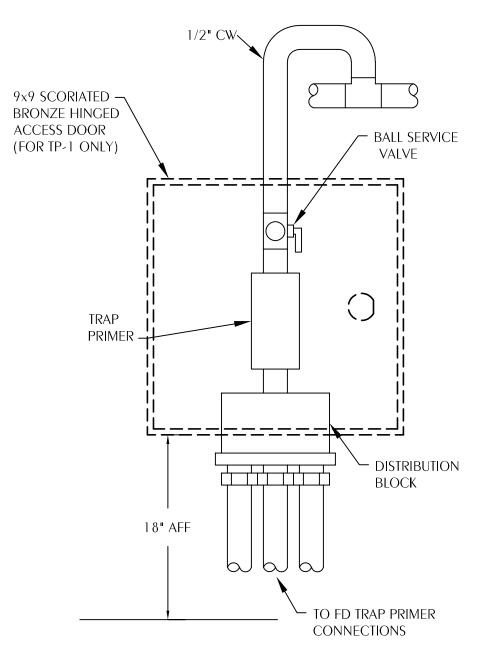
ALL EMBEDMENT MATERIALS SHALL BE NO LESS THAN 95% OF MAXIMUM DENSITY. LABORATORY TESTING OF THE SOIL WILL BE REQUIRED. THIS PROCEDURE SHALL BE REQUIRED ON ALL INSTALLATIONS. ALL TRENCHING, EXCAVATION, AND BACKFILLING SHALL BE IN ACCORDANCE WITH 2023 FLORIDA PLUMBING CODE.



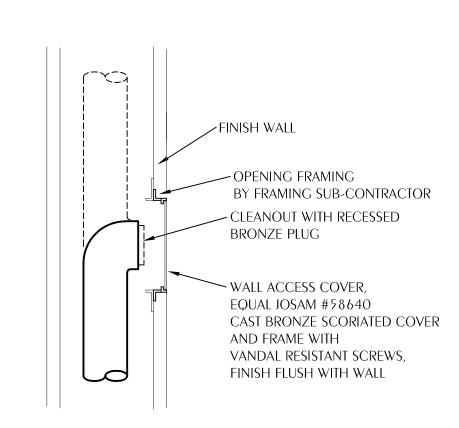
EMBEDMENT MATERIALS

- 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.

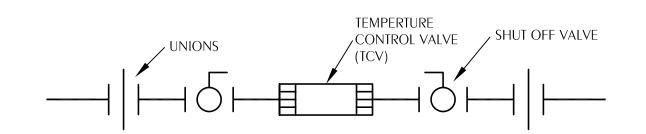




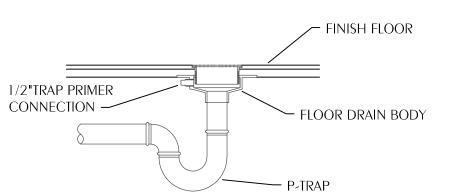




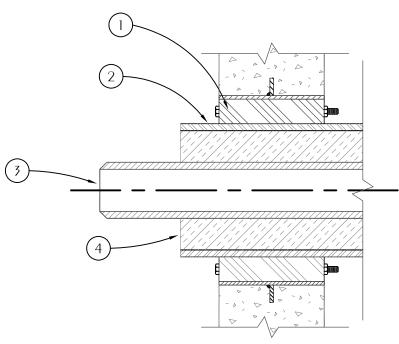
CLEANOUT TO WALL SCALE: NONE



THERMOSTATIC TEMPERATURE CONTROL VALVE DETAIL



FLOOR DRAIN WITH TRAP PRIMER DETAIL SCALE: NONE



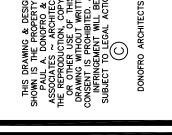
(1) WALL SEAL APPURTENANCES PER SPECIFICATIONS

- (2) PIPE SLEEVE PER SPECIFICATIONS
- 3 PIPING
- 4 INSULATION

TYPICAL PIPE PENETRATION OF WALL SCALE: NONE

100% COMPLETE OWNER REVIEW NOT FOR CONSTRUCTION

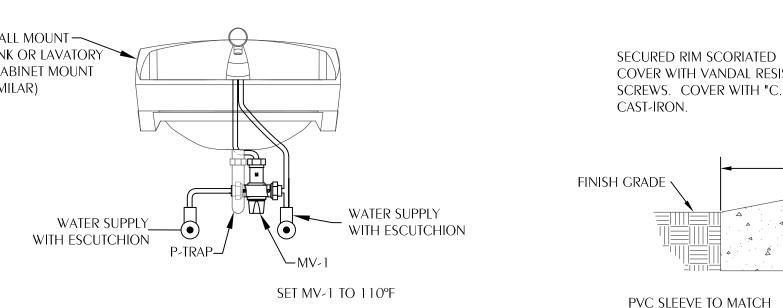
Florida CA Number: 27825 Keith A. Johnson, PE Florida License Number: 86457 850.526.3447 WATFORD Project Number: 2024-027 ENGINEERING 4452 Clinton Street Marianna, Florida 32446 311 N. College St. Office 101B Auburn, AL 36830

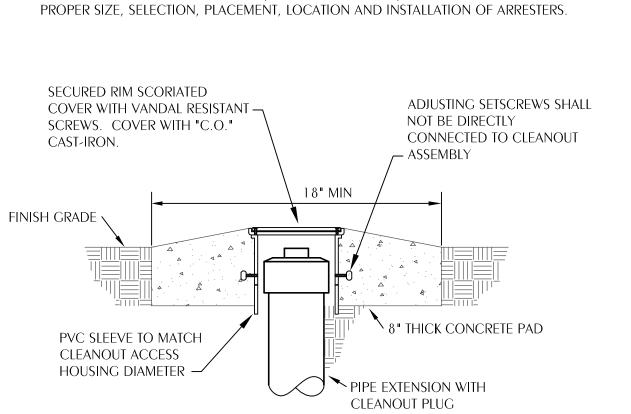


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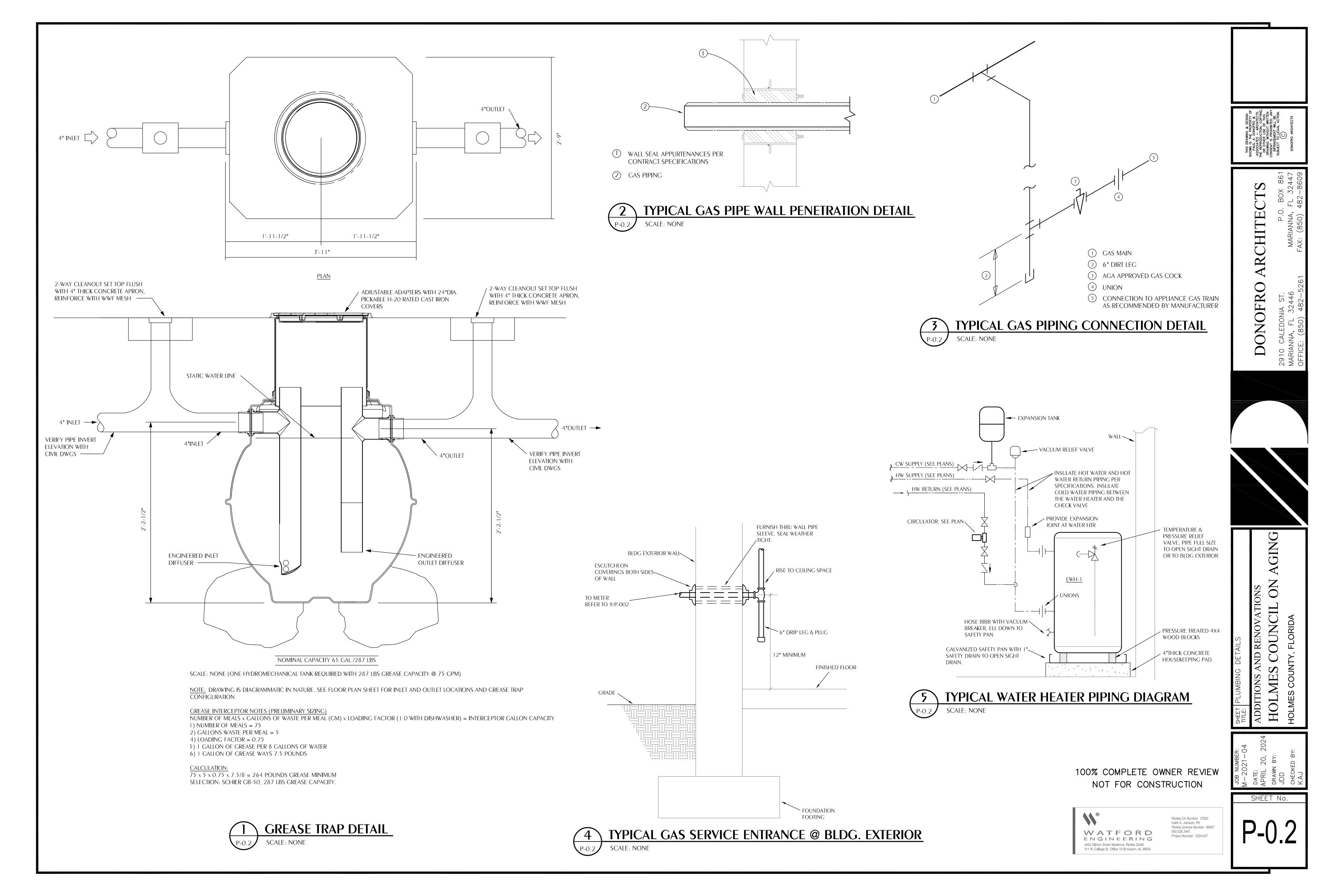
OFR NO

SHEET No.





CLEANOUT TO GRADE



PLUMBING SPECIFICATIONS

1. <u>GENERAL</u>

- A. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND PERFORM ALL WORK AND SERVICES FOR ALL PLUMBING AS SHOWN ON DRAWINGS AND AS SPECIFIED, IN ACCORDANCE WITH PROVISIONS OF THE CONTRACT DOCUMENTS, AND COMPLETELY COORDINATED WITH WORK OF ALL OTHER TRADES.
- B. ALTHOUGH SUCH WORK IS NOT SPECIFICALLY INDICATED, FURNISH AND INSTALL ALL SUPPLEMENTARY OR MISCELLANEOUS ITEMS, APPURTENANCES AND DEVICES INCIDENTAL TO OR NECESSARY FOR A SOUND, SECURE AND COMPLETE INSTALLATION.
- . ALL WORK SHALL COMPLY WITH THE 2023 FLORIDA BUILDING CODE.

SCOPE OF WORK

- A. THE WORK INCLUDES THE FOLLOWING ITEMS BUT IS NOT NECESSARILY LIMITED TO THESE:
 - ALL POTABLE WATER, DRAIN, WASTE AND VENT PIPING FOR COMPLETE PLUMBING SYSTEM.

 ALL WASTE AND DRAIN PIPING INCLUDING CONNECTING INTO EXISTING SERVICES.
 - ALL MATERIALS, EQUIPMENT, FIXTURES, ACCESSORIES AND TRIM, TO MAKE A COMPLETE FINISHED INSTALLATION.
 - 4. NECESSARY TRENCHING AND BACKFILLING TO INSTALL THE PLUMBING SYSTEM.
- 5. ALL INSULATION AS SPECIFIED HEREIN.

3. <u>SITE INSPECTION:</u>

A. BEFORE SUBMITTING PROPOSALS, EACH BIDDER SHALL VISIT THE SITE AND FULLY FAMILIARIZE HIMSELF WITH ALL JOB CONDITIONS AND SHALL BE FULLY INFORMED AS TO THE EXTENT OF WORK.

4. QUALITY OF MATERIALS AND APPROVALS:

A. THE FIXTURES AND EQUIPMENT ARE SPECIFIED BY MANUFACTURER AND MODEL NUMBER FOR THE PURPOSE OF ESTABLISHING TYPE AND QUALITY REQUIRED. OTHER MANUFACTURER'S PRODUCTS OF EQUAL QUALITY AND TYPE, AS DETERMINED BY THE ARCHITECT, MAY BE USED WHEN APPROVED.

. <u>TESTS</u>

- A. CONCEALED WORK SHALL REMAIN UNCOVERED UNTIL REQUIRED TESTS HAVE BEEN COMPLETED. TESTS SHALL BE WITNESSED BY THE ENGINEER. PROVIDE 24 HOUR NOTICE PRIOR TO TEST. TESTS SHALL BE REPEATED AFTER DEFECTS HAVE BEEN ELIMINATED.
- B. DRAIN SYSTEMS: A WATER TEST SHALL BE APPLIED TO ALL PARTS OF THE DRAINAGE SYSTEM BEFORE THE PIPES ARE CONCEALED OR FIXTURES SET IN PLACE. TEST SHALL BE WITH 10' HEAD AND SHALL BE FOR A DURATION OF 4 HOURS.
- C. WATER SYSTEM: PIPING SHALL BE PRESSURE TESTED AT 100 PSIG FOR A DURATION OF 4 HOURS.

 D. STERILIZATION: THE ENTIRE WATER DISTRIBUTION SYSTEM SHALL BE THOROUGHLY STERILIZED WITH SOLUTION CONTAINING NOT LESS THAN 50 PARTS PER MILLION OF AVAILABLE CHLORINE. THE COMPLETE STERILIZATION OPERATION SHALL BE APPROVED BY THE STATE BOARD OF HEALTH REPRESENTATIVE.

6. <u>PIPE AND FITTINGS</u>

- A. WASTE, VENT AND DRAIN PIPING:
 - 1. PIPING BELOW SLAB SHALL BE SERVICE WEIGHT CAST IRON WITH BELL AND SPIGOT LEAD CAULKED, BELL AND SPIGOT NEOPRENE PUSH TYPE GASKET, OR "NO HUB" JOINTS. PIPE AND FITTINGS SHALL BE COATED INSIDE AND OUTSIDE WITH COAL TAR VARNISH. "NO HUB" JOINTS BELOW SLAB SHALL BE MADE USING TYPE MG CAST IRON COUPLINGS ONLY. CONTRACTOR'S OPTION: MAY UTILIZE PVC PIPE AND FITTINGS. CELLULAR CORE PVC PIPE AND FITTINGS ARE NOT PERMITTED.
- 2. PIPING ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON WITH BELL AND SPIGOT LEAD CAULKED OR "NO HUB" JOINTS OR PVC-DMV PIPE AND FITTINGS. VENT PIPING MAY BE SCHEDULE 40 GALVANIZED STEEL WITH MALLEABLE FITTINGS. CONTRACTOR'S OPTION: MAY UTILIZE PVC PIPE AND FITTINGS. CELLULAR CORE PVC PIPE AND FITTINGS ARE NOT PERMITTED.
- B. WATER PIPING:
 1. WATER PIPING SHALL BE COPPER TUBING, TYPE "K" (SOFT UP TO 1-INCH, OVER 1-INCH TO BE HARD)
 BELOW SLAB AND TYPE "L" ABOVE SLAB. WITH SWEAT FITTINGS.
 - 2. WATER PIPING MORE THAN FIVE FEET OUTSIDE BUILDING SHALL BE TYPE "K" COPPER

7. <u>PLASTIC PIPE</u>

- A. CONTRACTOR MAY, AS INDICATED IN THESE SPECIFICATIONS, USE SCHEDULE 40 PVC
- MATERIALS: PVC PIPE SHALL BE SCHEDULE 40 PIPE AND FITTINGS PRODUCED FROM MATERIAL CONFORMING TO ASTM D 1784, TYPE I, GRADE I, 200 PSI DESIGN STRESS (PVC 1120).

8. <u>INSULATION:</u>

- A. GENERAL: ALL INSULATION WORK SHALL BE DONE BY WORKMEN THOROUGHLY COMPETENT IN THIS TRADE
- B. THE FOLLOWING SHALL BE INSULATED AS INDICATED:
 - 1. ALL COLD AND HOT WATER PIPING AND FITTINGS: 1.5" IN. THICK PREFORMED FIBERGLASS WITH FACTORY JACKET THAT MEETS ASTM C547 WITH CONDUCTIVITY OF 0.21-0.28 BTU IN. @ 100°F, FIRE RESISTANT.

9. <u>INSTALLATION OF PIPING SYSTEMS:</u>

- A. GRADE: ALL BUILDING SEWERS SHALL HAVE A UNIFORM GRADE OF NOT LESS THAN 1/8 IN. TO THE FOOT, DOWNWARD IN DIRECTION OF FLOW FOR PIPE 3 IN. AND LARGER. PIPE SMALLER THAN 3 IN. SHALL HAVE
- GRADE OF 1/4 IN. TO THE FOOT.
- CLEANOUTS: ALL CLEANOUT PLUGS SHALL BE RECESSED BRASS TYPE.

 1. CLEANOUTS TO FINISHED FLOORS SHALL BE EQUAL TO JOSAM SERIES 56000-18-41 (-12, -14),
 BRONZE PLUG, CLAMP RING AND FLANGE, LEVELEZE ADJUSTABLE HOUSING AND WITH SATIN FINISH
 BRONZE COVER AND FRAME. CLEANOUTS IN FINISHED WALLS SHALL BE EQUAL TO JOSAM SERIES
- 58890, WITH POLISHED STAINLESS STEEL COVER AND SECURING SCREWS.
 CLEANOUTS TO SIDEWALK SHALL BE WITH LEAD CAULKED CAST-IRON FITTINGS WITH BRASS COUNTERSUNK PLUG, JOSAM 58480 SET IN A 18 IN. SQUARE BLOCK OF POURED CONCRETE, 6 IN. THICK. ALL EXTERIOR CLEANOUTS SHALL BE BROUGHT TO GRADE. PVC SHALL NOT BE USED FOR CLEANOUTS TO SIDEWALK.
- C. PIPE SUPPORT:

 1. ALL HORIZONTAL SUSPENDED PIPE SHALL BE SUPPORTED AS REQUIRED IN SECTION 308 OF THE 2023

 ELOPIDA BUILDING CODE PLUMBING
- FLORIDA BUILDING CODE-PLUMBING.
 D. PROTECTION OF PIPING SYSTEMS:
 - ALL PIPING AND PLUMBING SYSTEM COMPONENTS SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 305 OF THE 2023 FLORIDA BUILDING CODE-PLUMBING.

10. <u>INSTALLATION OF FIXTURES AND EQUIPMENT</u>

- A. PREPARATIONS OF ROUGH-IN. SUPPORTS AND WALL FINISHES SHALL BE COMPLETED AND TESTED OR
- INSPECTED BEFORE FIXTURES OR EQUIPMENT ARE INSTALLED.
- INSTALLATION:
 MECHANICAL OR PLUMBING CONNECTIONS SHALL BE MADE WITH CORRECT FITTINGS, GASKETS OR SETTING COMPOUND FOR EACH FIXTURE. SEAL ALL BRASS AND TRIM TO WALLS AND FIXTURES WITH RESILIENT WATERPROOF COMPOUND.

11. START-UP SERVICE:

A. THE CONTRACTOR SHALL PUT ALL ITEMS INSTALLED UNDER THIS SECTION INTO OPERATION AND SHALL INSTRUCT THE OWNER'S MAINTENANCE PERSONNEL IN ALL POINTS.

12. <u>GUARANTEE:</u>

A. THE CONTRACTOR SHALL GUARANTEE ALL WORK IN THIS SECTION FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE AGAINST DEFECTS DUE TO FAULTY WORKMANSHIP OR MATERIALS.

13. <u>FIXTURES AND EQUIPMENT:</u>

A. FURNISH AND INSTALL PLUMBING FIXTURES, EQUIPMENT, DRAINS, ETC., COMPLETE WITH ALL TRIM, FITTINGS, AND OTHER DEVICES WHICH ARE CONSIDERED NECESSARY BY THE TRADE, BY CRAFT STANDARDS AND/OR BY THE ARCHITECT.

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

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

WATER CLOSET
SUPPLY W/STOP
SEAT
CLOSET BOLT/WAX RING KIT
ZURN Z5555-K-HET
ZURN Z8800CRLK-PC
ZURN Z5955SS-EL-STS
ZURN Z5972-COMB

WC-2 WATER CLOSET, FLOOR-MOUNT (STANDARD, TANK TYPE):

VITREOUS CHINA LOW CONSUMPTION 1.28 GPF, ELONGATED, 15" TO RIM, SIPHON JET ACTION, CLOSED COUPLED TANK, COMPLETE WITH FLOAT VALVE, VALVE AND CHROME PLATED TRIP LEVER, BOLT CAPS, COLOR "WHITE", CHROME PLATED SOLID BRASS ANGLE STOP WITH FLEXIBLE CHROME PLATED COPPER RISER, HEAVY MOLDED PLASTIC, WHITE, ELONGATED, OPEN FRONT SEAT LESS COVER, WITH STAINLESS STEEL, SELF-SUSTAINING CHECK HINGES.

WATER CLOSET

VALVE

SEAT

CLOSET BOLT/WAX RING KIT

ZURN Z5535-K

ZURN Z5955SS-EL-STS

ZURN Z5972-COMB

LAVATORY, WALL MOUNT (HANDICAP):

VITREOUS CHINA 20" X 18". COLOR "WHITE". CENTER HOLE SETTING, FRONT OVERFLOW, FOR CONCEALED ARM SUPPORT. FURNISH WALL MOUNTED DURA-COATED SUPPORT PLATES WITH ARM SLEEVES, CONCEALED ARMS, AND MOUNTING FASTENERS, CONFORMING TO FEDERAL SPEC. FF-S-325. PROVIDE CHROME PLATED ANGLE STOP TO WALL WITH CHROME PLATED 3/8" FLEXIBLE SUPPLY AND LOOSE KEY OPERATOR, INTEGRAL PERFORATED CAST BRASS STRAINER WITH ELBOW AND 1-1/4" OFFSET TAILPIECE, CHROME PLATED 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT AND TUBE WASTE TO WALL. POLISHED CHROME PLATED CAST BRASS SINGLE WATER FAUCET WITH 0.5 GPM AERATOR OUTLET AND SINGLE LEVER HANDLE. LAVATORY P-TRAP AND ANGLE 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 3/8" COMPRESSION FITTING MIXING VALVE, BRONZE BODY, LIMITS HOT WATER BETWEEN 80°F & 120°F, DUAL CHECK VALVES, 40 MESH STAINLESS STEEL STRAINER, TAMPER RESISTANT LOCKING CAP. MEETS ASSE 1070 STANDARDS.

LAVATORY ZURN Z5341 FAUCET ZURN Z-82200-3M ZURN Z8800LRLK-PC SUPPLY W/STOP P-TRAP ZURN Z8700-PC STRAINER/TAILPIECE ZURN Z8746 INSULATION KIT ZURN Z8946-3-NT AERATOR ZURN -3M CARRIER ZURN Z-1254 B-LINE ANCHORS AWA-50-375 BASE ANCHORAGE MIXING VALVE WATTS LFUSG-B

L-2 LAVATORY, COUNTERTOP (HANDICAP)

VITREOUS CHINA 20" X 17", OVAL, COLOR "WHITE", CENTER HOLE SETTING, FRONT OVERFLOW. PROVIDE CHROME PLATED 1/2" IPS X 3/8"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 SINGLE LEVER FAUCET WITH COVER PLATE, NON-AERATED LAMINAR SPRAY, 0.5 GPM. PROVIDE MIXING VALVE.

LAVATORY
FAUCET
SUPPLY W/STOP
P-TRAP
STRAINER/TAILPIECE
CARRIER
BASE ANCHORAGE
ZURN Z8 1000-XL-3M
ZURN Z8 802LRLK-PC
ZURN Z8 700-PC
ZURN Z8 700-PC
ZURN Z8 746
ZURN Z-123 1
B-LINE ANCHORS AWA-50-375

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

MIXING 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

HS-1 STAINLESS STEEL HANDWASHING SINK (HANDICAP):

16-3/4"X15-1/2" 20 GAUGE 304 STAINLESS STEEL WALL MOUNTED SINGLE BOWL HANDWASHING SINK WITH BUFFED SATIN FINISH. EACH BOWL IS 10"X14"X12". REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHT. PROVIDE SPLASH MOUNT POLISHED CHROME PLATED CAST BRASS GOOSENECK FAUCET, 8" OC, WITH 4" WRISTBLADE HANDLES, 1.5 GPM AERATOR AND QUARTER TURN DISC VALVE. PROVIDE OFFSET CHROME PLATED TAILPIECE AND 17 GAUGE CAST BRASS P-TRAP WITH CLEANOUT AND TUBE WASTE DISCHARGE TO WALL. CHROME PLATED LOOSE KEY ANGLE STOP TO WALL, WITH 3/8" CHROME PLATED FLEXIBLE HOT AND COLD WATER SUPPLIES. SINK DRILLINGS SHALL ACCOMMODATE FITTING INSTALLATION ONLY, NO OTHER CAPPED OPENINGS WILL BE ALLOWED.

SINK ELKAY CHS17162
FAUCET ELKAY LK940GN05T4H
STRAINER ELKAY LK-35
P-TRAP ZURN Z-8702 PC
SUPPLY ZURN Z-8800-LR-LK

EWH-1 <u>ELECTRIC WATER HEATER:</u>

WATER HEATER SHALL BE GOLD SERIES COMMERCIAL ELECTRIC MODEL NO. DRE-52 AS MANUFACTURED BY A.

O. SMITH. HEATER SHALL BE RATED AT 12.3KW, SIMULTANEOUS OPERATION, 240V/3PHASE, 60 CYCLE AC, AND LISTED BY UNDERWRITERS' LABORATORIES AND APPROVED TO THE NSF STANDARD 5 BY UL. TANK SHALL BE 50 GALLON CAPACITY. HEATER SHALL HAVE 150 PSI WORKING PRESSURE AND BE EQUIPPED WITH EXTRUDED HIGH DENSITY ANODE. ELECTRICAL JUNCTION BOX WITH HEAVY DUTY TERMINAL BLOCK SHALL BE PROVIDED. HEATER TANK SHALL HAVE A THREE YEAR LIMITED WARRANTY AS OUTLINED IN THE WRITTEN WARRANTY. MANUFACTURER SHALL SUPPLY ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE. FULLY ILLUSTRATED INSTRUCTION MANUAL TO BE INCLUDED. MEETS STANDBY LOSS REQUIREMENTS OF THE U.S. DEPARTMENT OF ENERGY AND CURRENT EDITION OF ASHRAE/IES 90.1.

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

CP-1 <u>CIRCULATOR PUMP (INLINE TYPE):</u>

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

TCV TEMPERATURE CONTROL VALVE:

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

RECIRCULATION VALVE (TVC)

CIRCUIT SOLVER CS-1/2-110

MV-1 WATER MIXING VALVE (THERMOSTATIC MIXING):

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

EXPOSED MIXING VALVE WATTS LFUSG-B

FLOOR DRAIN

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

FLOOR DRAIN ZURN Z-415B-P

TP-1 TRAP PRIME

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

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

UB-1 <u>ICE MAKER HOOK-UP</u>

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

WALL BOX GUY GRAY BIM 875

HB <u>RECESSED HOSE BIB:</u>

ANTI-SIPHON VACUUM BREAKER, FLUSH MOUNTING WALL BOX, 3/4 INCH, MALE HOSE THREAD, BRASS CASTING WITH CHROME FINISH POLYCARBONATE WHEEL HANDLE, LOOSE KEY FAUCET OPERATOR.

WALL FAUCET WOODFORD MODEL B24

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

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

SINK (OF) OWNER FURNISHED, CONTRACTOR INSTALLED FAUCET (OF) OWNER FURNISHED, CONTRACTOR INSTALLED DRAIN (OF) OWNER FURNISHED, CONTRACTOR INSTALLED SUPPLIES ZURN Z-8802-LRLK

FS-1 <u>FLOOR SINK</u>

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

FLOOR SINK ZURN Z-1901-4NL-HD

AD-1 <u>AREA DRAIN</u>

DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET. HEEL PROOF GRATE, MEMBRANE CLAMP, ROTATABLE SQUARE FRAME, SEEPAGE OPENINGS, SECURING CLAMPS, STAINLESS STEEL REMOVABLE SEDIMENT BUCKET, AND HEAVY DUTY DUCTILE IRON HEEL-PROOF GRATE. GRATE FINISH SHALL BE APPROVED BY ARCHITECT.

AREA DRAIN ZURN Z-150F-Y

100% COMPLETE OWNER REVIEW

NOT FOR CONSTRUCTION

WATFORD ENGINEERING 4452 Clinton Street Marianna, Florida 32446 311 N. College St. Office 101B Auburn, AL 36830

Florida CA Number: 27825 Keith A. Johnson, PE Florida License Number: 86457 850.526.3447 Project Number: 2024-027 SHOWN SHOWN

RCHITECTS
P.O. BOX
MARIANNA, FL 32

DONOFRC 910 CALEDONIA ST.



AGING

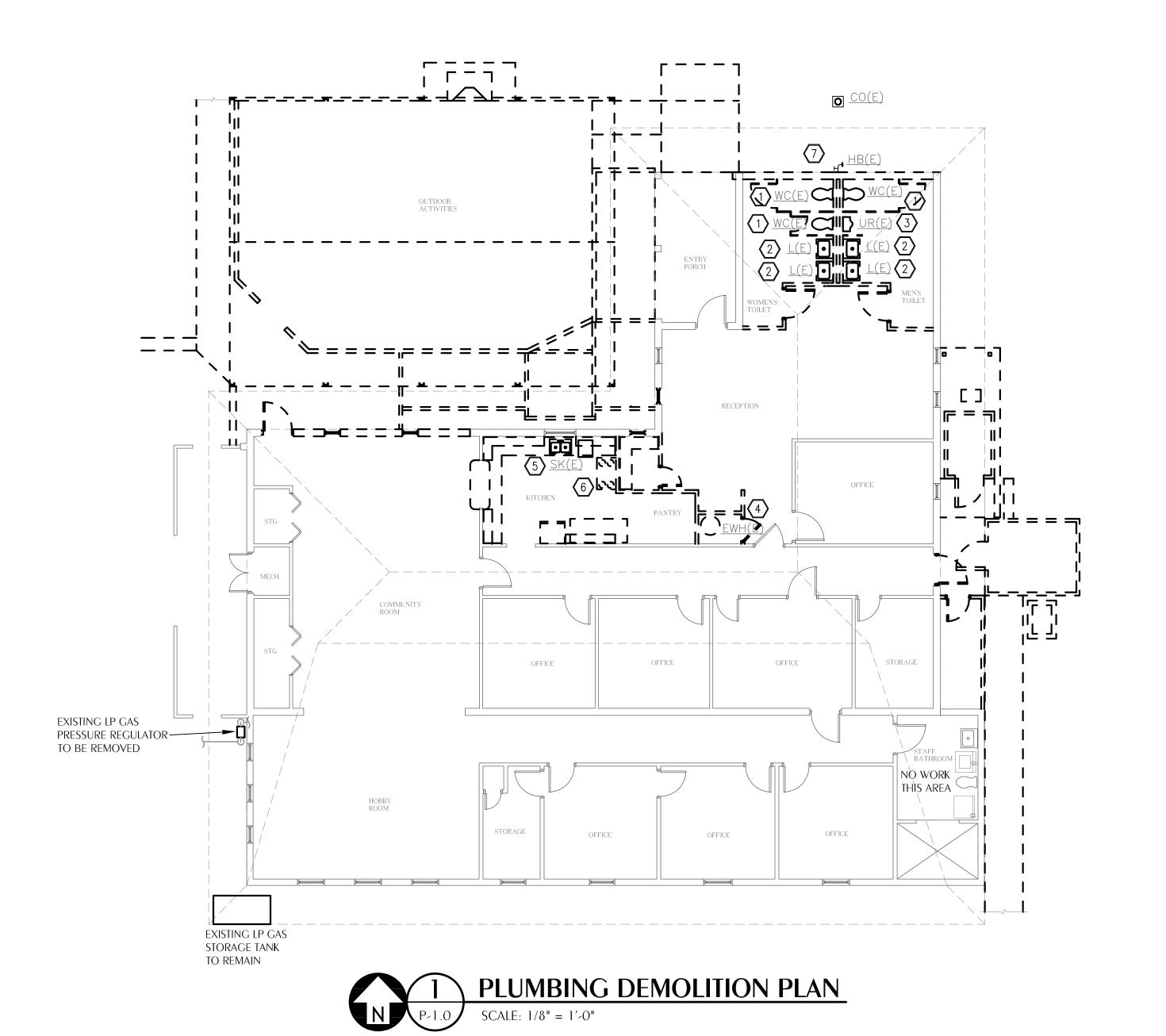
NG SPECIFICATIONS

S AND RENOVATIONS

S COLINCIL ON

SHEET No.

P-0.3



SHEET NOTES

REMOVE EXISTING WATER CLOSET AND TRIM. PREPARE PIPING FOR NEW CONSTRUCTION.

REMOVE EXISTING LAVATORY AND TRIM. PREPARE PIPING FOR NEW CONSTRUCTION.

REMOVE EXISTING URINAL AND TRIM. PREPARE PIPING FOR NEW CONSTRUCTION.

REMOVE EXISTING WATER HEATER. CAP EXISTING BRANCH PIPING ABOVE CEILING AS CLOSE TO MAIN AS POSSIBLE.

REMOVE EXISTING 2 COMPARTMENT SINK AND TRIM. PREPARE PIPING FOR NEW CONSTRUCTION.

EXISTING GAS RANGE - CAP EXISTING GAS PIPING ABOVE CEILING OR BELOW FLOOR.

REMOVE EXISTING HOSE BIBB. CAP EXISTING PIPING ABOVE CEILING/BELOW FLOOR.

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100% COMPLETE OWNER REVIEW NOT FOR CONSTRUCTION

WATFORD ENGINEERING 4452 Clinton Street Marianna, Florida 32446 311 N. College St. Office 101B Auburn, AL 36830

SHEET No. Florida CA Number: 27825 Keith A. Johnson, PE Florida License Number: 86457 850.526.3447 Project Number: 2024-027

GAS FIRED EQUIP. SCHEDULE

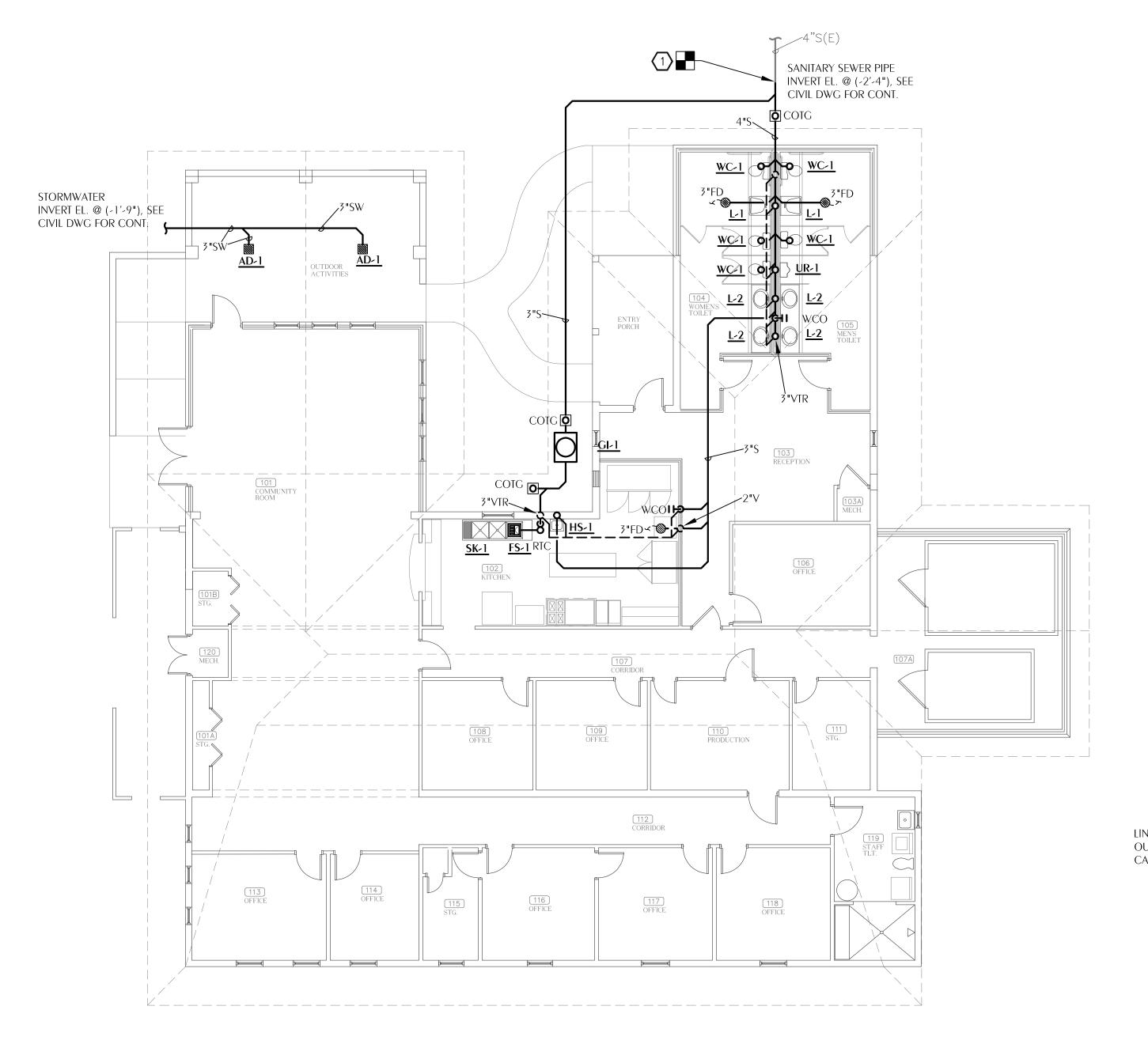
EQUIPMENT TAG	INPUT (BTUH)	CONNECTION SIZE	INLET PRESSI RANGE IN. V
2	180,000	3/4"	11"-12"
9	240,000	3/4"	10"
PACKAGE UNIT	150,000	3/4"	11"-13"

GENERAL NOTES

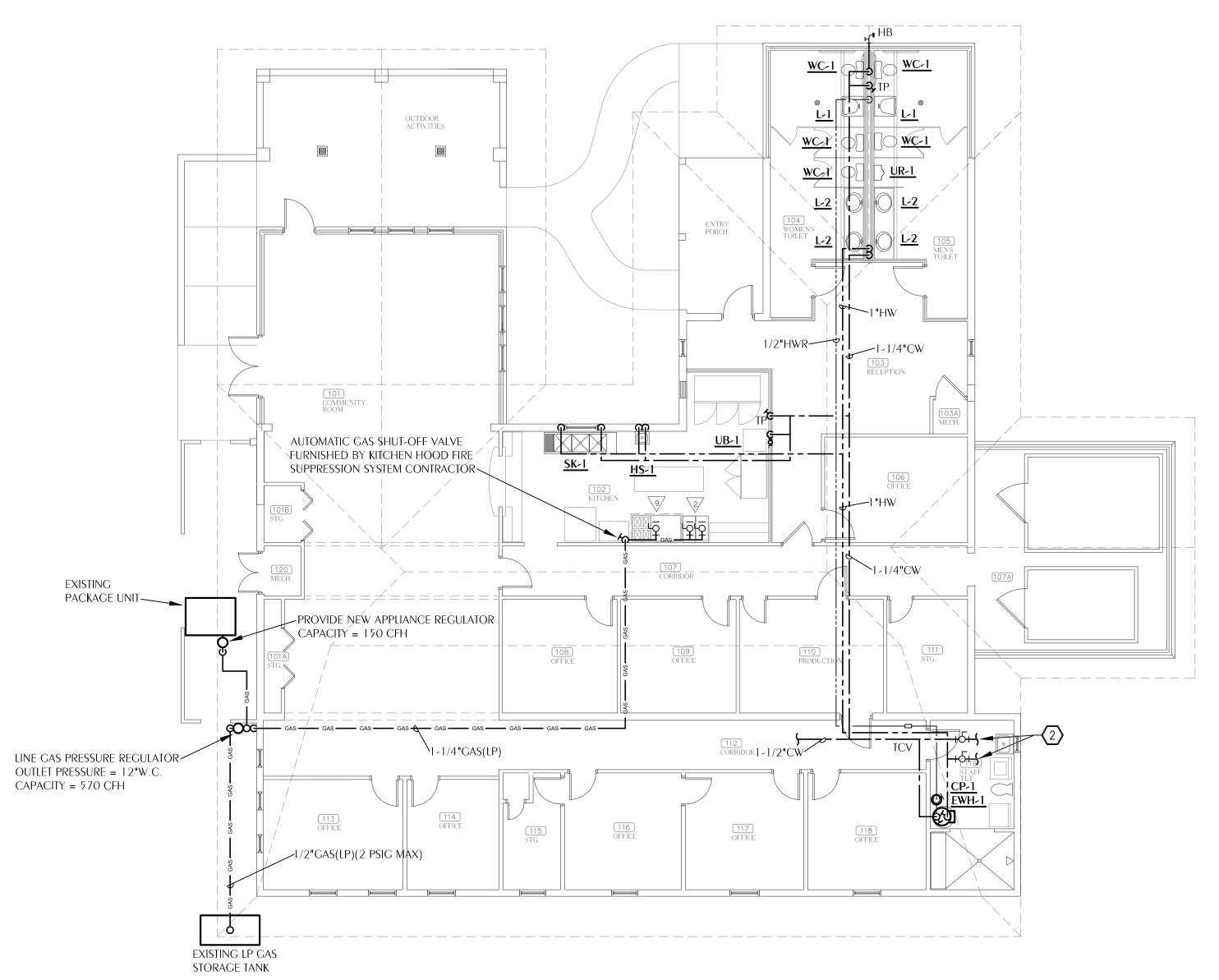
- 1. SIZING BASED ON 2023 FLORIDA BUILDING CODE, FUEL GAS, EIGHTH EDITION, TABLE 402.4(28), SCHEDULE 40 METALLIC PIPE, INLET PRESSURE 11"WC, PRESSURE DROP 0.5"WC, SPECIFIC GRAVITY 1.50.
- 2. PIPE SIZING BETWEEN SINGLE OR SECOND STAGE REGULATOR AND APPLIANCE REGULATOR.
- 3. APPLIANCE REGULATORS MUST BE INSTALLED AT EACH GAS FIRED APPLIANCE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 4. COORDINATE NEW BUILDING SERVICE GAS PIPING WITH LOCAL GAS AUTHORITY - PAY ALL FEES AND COST IF ANY.

SHEET NOTES

- CONNECT NEW 4"S TO EXISTING 4" SANITARY. VERIFY EXISTING INVERT, SIZE, AND LOCATION PRIOR TO ROUGH-IN. NOTIFY ARCHITECT OF ANY CONFLICT.
- 1"CW AND 3/4"HW EXTEND AND CONNECT TO EXISTING BRANCH PIPING SERVING STAFF TLT. 117.







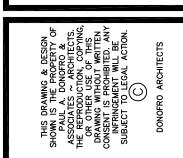
PLUMBING DOMESTIC WATER NEW WORK PLAN

REFERENCE:

100% COMPLETE OWNER REVIEW NOT FOR CONSTRUCTION

WATFORD ENGINEERING 4452 Clinton Street Marianna, Florida 32446 311 N. College St. Office 101B Auburn, AL 36830 FINISHED FLOOR ELEVATION = 0'-0"

Florida CA Number: 27825 Keith A. Johnson, PE Florida License Number: 86457 850.526.3447 Project Number: 2024-027

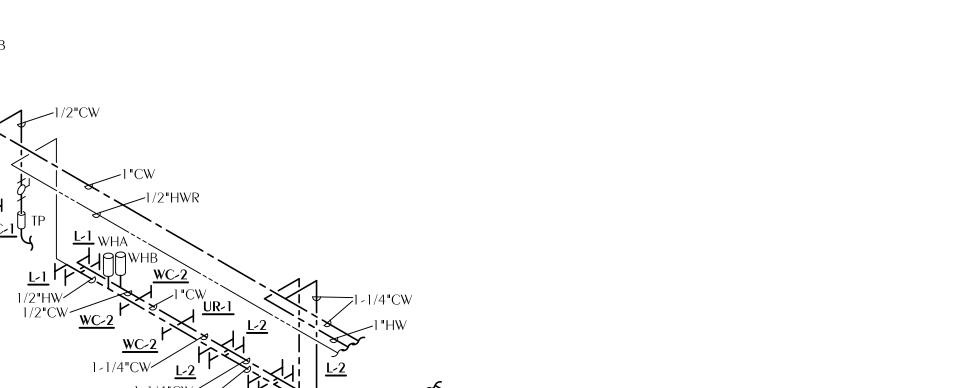


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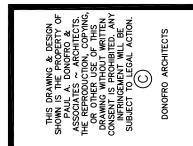
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SHEET NOTES

1"CW AND 3/4"HW - EXTEND AND CONNECT TO EXISTING BRANCH PIPING SERVING STAFF TLT. 117.



PLUMBING DOMESTIC WATER RISER DIAGRAM



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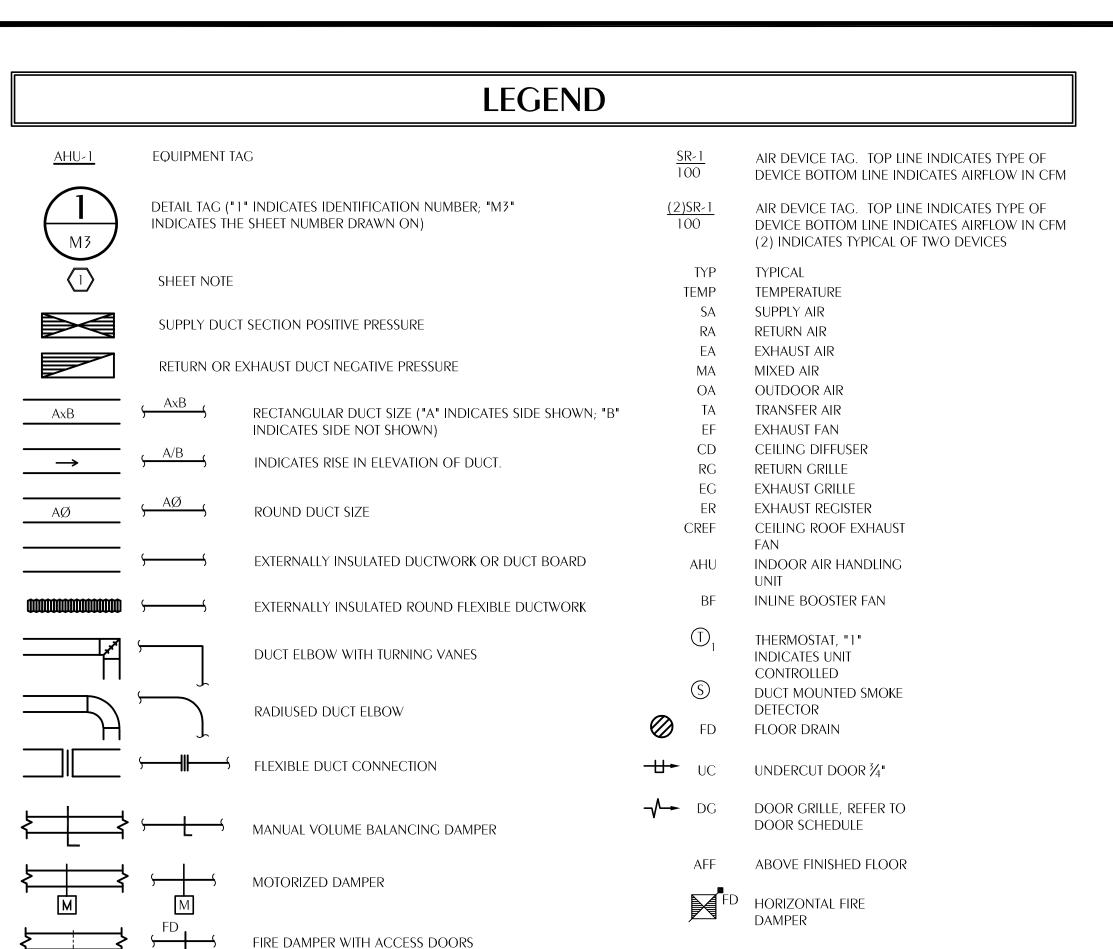
1-1/4"GAS(LP) —— EMERGENCY SHUTOFF VALVE PACKAGE UNIT 150 CFH 3/4"GAS(LP) -1-1/4"GAS(LP) STORAGE TANK
CAPACITY = 570 CFH
PRESSURE = 2 PSIG(MAX)

PLUMBING SANITARY RISER DIAGRAM



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GENERAL NOTES

- 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 NEW DUCTWORK FOR LEAKS. SEE SPECIFICATIONS.
- CONTRACTOR SHALL INSTALL ALL EQUIPMENT, PIPING, AND DUCTWORK SUCH THAT MANUFACTURERS' RECOMMENDED CLEARANCES ARE MET FOR ALL ACCESS PANELS, MOTORS, FANS, BELTS, FILTERS AND AIR INTAKES. CONDENSATE LINES SHALL BE CLEAR OF FILTER RACK ACCESS.
- 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
- ALL AHU AND OAU 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. COORDINATE ALL SIZES AND LOCATIONS WITH ARCHITECT DURING SUBMITTALS. PROVIDE PLANS IF REQUIRED BY ARCHITECT.
- 9. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING LOCATION OF ALL EQUIPMENT AND UTILITIES.
- 10. CONTRACTOR SHALL SUBMIT COORDINATED DUCTWORK SHOP DRAWINGS INDICATING COORDINATION WITH ELECTRICAL, PLUMBING, AND FIRE PROTECTION, PRIOR TO BEGINNING WORK. SHOP DRAWINGS SHALL INCLUDE LOCATIONS OF THERMOSTATS, ACCESS PANELS, AIR DEVICES, DUCTWORK, ETC.
- 11. ALL WORK SHALL COMPLY WITH EIGHTH EDITION OF FLORIDA BUILDING CODE (2023).

VENTILATION SCHEDULE												
SPACE TYPE	VENTILATION CFM/S.F.	VENTILATION CFM/PERSON	EXHAUST CFM									
LOBBY	0.06	5.0	,									
CORRIDOR/VESTIBULE	0.06	O	,									
OFFICE	0.06	5.0	,									
KITCHEN	0.12	7.5	0.7 CFM/SF									
STORAGE	0.06	5.0	,									
RESTROOM - INTERMITTENT	0	0	70/FIXTURE									

VENTILATION AIR HAS BEEN CALCULATED IN COMPLIANCE WITH ASHRAE STANDARD 62.1-2019 INDOOR AIR QUALITY METHOD.

DUCTWORK NOTES

- ALL ROUND FLEXIBLE DUCT SHALL BE FLEXMASTER TYPE 8M ACOUSTICAL FLEX OR ENGINEER APPROVED EQUAL. MAXIMUM LENGTH OF ANY FLEXIBLE DUCT RUNOUT SHALL BE 5'-0". WHERE LENGTH REQUIRED EXCEEDS 5'-0", INSTALL EXTERNALLY INSULATED ROUND SNAPLOCK DUCT FOR BALANCE OF DISTANCE TO SPIN-IN TAP AT MAIN DUCT
- 2. SEAL ALL DUCT PENETRATIONS OF WALLS AND FLOORS AIRTIGHT, REGARDLESS OF WHETHER WALLS OR FLOORS 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 SHEET METAL. DUCT SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
- STANDARD EXHAUST AIR DUCTWORK SHALL BE LOW PRESSURE RECTANGULAR, SMACNA STATIC PRESSURE CLASS 1/2" W.G., SEAL CLASS A, SHEET METAL.
- 7. WHEN ROUTING DUCTWORK OVER LIGHTS, PROVIDE A MINIMUM 6" CLEARANCE BETWEEN DUCT AND LIGHTS.

AIR DEVICE SCHEDULE												
MARK	MAX AIRFLOW CFM	AIR DEVICE SIZE	DUCT CONNECTION SIZE	TITUS MODEL								
CD-1 CFM	90	9X9	6Ø	TDC								
CD-2 CFM	245	12X12	8Ø	TDC								
CD-3 CFM	350	12X12	10Ø	TDC								
CD-4 CFM	385	20X20	10Ø	TMS-AA								
RG,EG,SG,TG,RF	R,ER											
XX-1 CFM 450		12X12	12X12	350FL								
XX-2 CFM	1705	22X22	22X22	350FL								

- 1. MAX NC=20
- PROVIDE 2X2 LAY-IN PANEL FOR AIR DEVICES IN LAY-IN CEILINGS
- PROVIDE BEVELED MOUNTING FRAME FOR CEILING DIFFUSERS IN HARD CEILINGS. 4. PROVIDE FLAT MOUNTING FRAME FOR GRILLES LOCATED IN HARD CEILINGS.

	SPLIT SYSTEM HEAT PUMP SCHEDULE																					
UNIT	BASIS OF	MODEL	SA	OA(CFM)	ESP	FAN	COOLING	IG HEATING SUPPL. AHU ELECTRIC			HEATING						۸L	HP ELECTRICAL				NOTES
AHU/HP	DESIGN	HP/AHU	(CFM)		(IN.H20)	(HP)	MAT° (DB/WB)	OAT° (DB/WB)	TOTAL (BTUH)	SENSIBLE (BTUH)	SEER2	MAT ° (DB)	OAT ° (DB)	TOTAL (BTUH) HSPI	2 HEAT	VOLTS/PHASE	MCA	MOP	VOLTS/PHASE	MCA	MOP	
1	TRANE	4TWR4048/TEM6A0C48	1675	210	0.55	3/4HP	75.4/63.2	95.0/77.0	44600	36900	14.6	64.2	25	24200 7.8	9.6kW	230/1	59	60	230/1	26	40	1,2,3,4,5,7,8,9
2	TRANE	4TWR4036/TEM6A0C42	1380	О	0.48	1/2HP	72.3/59.7	93.0/76.0	29200	28500	14.6	66.9	25	19400 7.8	7.7kW	230/1	45	45	230/1	18	30	1,2,3,4,5,7,8,9
																						

- 1. PROVIDE 2 " 30% FILTERS AND FILTER HOUSING SHOWN IN 4. PROVIDE CONTROL KIT TO INCLUDE BLOWER CONTACTOR OR
- 2. EFFICIENCIES IN ACCORDANCE WITH ARI STANDARD

SMOKE DAMPER WITH ACCESS DOORS

BACKDRAFT DAMPER

TEE WITH TURNING VANES

FLEX DUCT TAKE OFF WITH MVD

SIZE EQUALS DIFFUSER NECK SIZE UNLESS NOTED OTHERWISE

BRANCH DUCT TAKEOFF WITH MVD

- 3. ESP DOES NOT INCLUDE FILTER, CASING, ETC.
- STARTER, TRANSFORMER, ELECTRIC HEATER INTLERLOCKS. ELECTRICAL SERVICE SHALL BE A SINGLE POINT OF CONNECTION.

TRANSFER AIR

PRESSURE

BALANCING

NOMINAL

DRIVE

FUTURE

NOM

EUH

EXTERNAL STATIC

TESTING. ADJUSTING AND

VARIABLE FREQUENCY

ELECTRIC UNIT HEATER

DUCTLESS SPLIT SYSTEM

DUCTLESS SPLIT

HEAT PUMP

CONDENSING UNIT

ENERGY RECOVERY VENTILATOR

- PROVIDE THERMAL EXPANSION VALVES. 6. DIRECT DRIVE AHU FAN.
- N HEAT.

7.	COOLING CAPACITY IS NET AND DOES NOT INCLUDE FAN
8.	PROVIDE UNIT MOUNTED CIRCUIT BREAKER FOR INDOOR A
	HANDLERS.

		KI	ГСНЕ	N EXI	HAUS	T HO	OD SCH	IEDU	LE
UNIT	EXHAUST CFM	MAKEUP AIR CFM	LENGTH (FT)	WIDTH (FT)	HEIGHT (FT)	NUMBER OF LED LIGHTS	MANUFACTURER	MODEL	NOTES
KH-1	2365	1892	12′	5′-8"	2′	3	ECON-AIR	EX-2	1,2,3,4,5,6,7,8

- 1. MOUNT 80" AFF. 2. PROVIDE CEILING ENCLOSURE AS NEEDED TO COVER SPACE
- BETWEEN HOOD AND CEILING. 3. PROVIDE STAINLESS STEEL BAFFLE 7. PROVIDE HOOD MOUNTED FILTERS
- 4. PROVIDE TYPE I HOOD WITH EXHAUST PRESSURE DROP OF -1.062" AND SUPPLY PRESSURE DROP OF 0.177".
- PROVIDE CHEMICAL FIRE SUPPRESSION IN RIGHT MOUNTED CABINET. 6. PROVIDE HOOD LISTED TO UL710. CONTROL PANEL TO CONTROL KEF-1 AND KSF-1. 8. PROVIDE GAS SHUTOFF VALVE.

	AIR PURIFICATION EQUIPMENT SCHEDULE												
ZONE	SUPPLY	OA	PRESS.	BASIS OF	MODEL	QUANTITY	ELECTRICAL		NOTES				
	CFM	CFM	IN. W.C.	DESIGN			VOLTS/PHASE	WATTS					
AHU-1	1675	210	<0.01	GPS	IMOD	1	24	12	1,2,3,4,5				
AHU-2	1380	0	<0.01	GPS	IMOD	1	24	12	1,2,3,4,5				

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

	LOUV	ER SCHE	R SCHEDULE						
MARK	AIRFLOW CFM (MAX)	LOUVER SIZE (WxH) INCHES	FREE AREA FT ² (MIN)	PRESSURE DROP IN. WG (MA					
LVR-1 CFM	570	24x12	0.67	0.10					
LVR-1 CFM	245	12x12	0.29	0.10					

- 1. PROVIDE RUSKIN EME3625MD (OR EQUAL) EXTRUDED ALUMINUM, WIND-DRIVEN RAIN RESISTANT, STATIONARY LOUVER WITH
- BIRDSCREEN AND FLORIDA PRODUCT APPROVAL.
- 2. FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS.
- 3. REFER TO ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS.

100% COMPLETE OWNER REVIEW

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Florida CA Number: 27825 Keith A. Johnson, PE Florida License Number: 86457 850.526.3447 Project Number: 2024-027

SHEET No.

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	MINI SPLIT SYSTEM AIR HANDLING UNIT SCHEDULE														
UNIT	BASIS OF		TYPE	NOMINAL COOL	DESIGN COOLING	DESIGN COOLING	CAPACITY (BTUH)	NOMINAL HEAT	DESIGN HEATING	DESIGN HEATING	AIRFLOW		FAN FAN FLA	NOTES	
	DESIGN	MODEL		CAPACITY (BTUH)	EAT °F DB/WB	COOLING TOTAL	COOLING SENSIBLE	CAPACITY (BTUH)	TOTAL CAPACITY (BTUH)	EAT °F DB	(CFM)	VOLTS/PHASE	(WATTS) (AMPS)		
CC-1.1	MITSUBISHI	PLA-A18EA8	CEILING CASSETTE	18000	75.0/62.9	15800	12400	13500	12000	64.1	545	FED FROM MHP	NA 0.28	1,2,3,4,5,6,7,8	

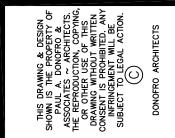
- 1. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR
- COIL EAT OF 80/67°F (DB/WB), OUTDOOR OF 95°F (DB)
- 2. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70°F (DB), OUTDOOR OF 43°(WB)
- 3. DESIGN COOLING CONDITIONS ARE AT 95°F AMBIENT;
- DESIGN HEATING CONDITIONS ARE AT 26°F AMBIENT 4. 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 DISCONNECT.

			MINI SP	LIT SYSTE	EM (CONDEN	ISING UN	IT S	CHEDUI	LE				
UNIT	UNIT BASIS OF NOMINAL COOL DESIGN COOLING NOMINAL HEAT DESIGN HEATING MCA MOP NOTES DESIGN MODEL CAPACITY (BTUH) OUTDOOR TEMP DB SEER2 CAPACITY (BTUH) OUTDOOR TEMP DB HSPF2 VOLTS/PHASE (AMPS) (AMPS)													
MHP-1	MITSUBISHI	PUZ-A18NKA7	18000	95	25.0	23000	25	9.2	230/1	11	28	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.

	FAN SCHEDULE														
UNIT	TYPE	CFM	MAX.	ESP	MAX.	SONES/db	BASIS OF	MODEL	CONTROL	ELECTRICAL	NOTES				
			FAN RPM	(IN. H20)	MOTOR POWER	(MAX.)	DESIGN			VOLTS/PHASE					
KEF-1	ROOF	2365	1210	1.5	1-1/2 HP	16.1	ECON-AIR	EADU180H	DEDICATED SWITCH ON KH-1	240/3	1,2,3,4,5,6,7				
KSF-1	ROOF	1890	1785	0.5	1-1/2 HP	22.8	ECON-AIR	EA-A1-15D	INTERLOCK WITH KEF-1	240/3	1,2,3,4,5,7,10,11				
EF-1	CEILING	210	1740	0.25	34 W	3.5	COOK	GCVF-340	INTERLOCK W/ LIGHTS	115/1	1,2,3,4,5,9				
EF-2	CEILING	210	1740	0.25	34 W	3.5	COOK	GCVF-340	INTERLOCK W/ LIGHTS	115/1	1,2,3,4,5,9				

- PROVIDE DISCONNECT. 2. PROVIDE SOLID STATE SPEED
- CONTROLLER.
- 3. PROVIDE BACK DRAFT DAMPER. 4. PROVIDE THERMAL OVERLOAD.
- 7. PROVIDE ROOF CURB.
- PROVIDE DIRECT DRIVE FAN. 6. PROVIDE KITCHEN EXHAUST FAN WITH 9. PROVIDE ALUMINUM GRILLE. GREASE BOX, HINGED BASE AND
- FLORIDA PRODUCT APPROVAL.
- 8. PROVIDE ALUMINUM BIRDSCREEN.
- 10. PROVIDE UNIT WITH FLORIDA PRODUCT APPROVAL.
- 11. PROVIDE WITH 1" WASHABLE FILTERS.

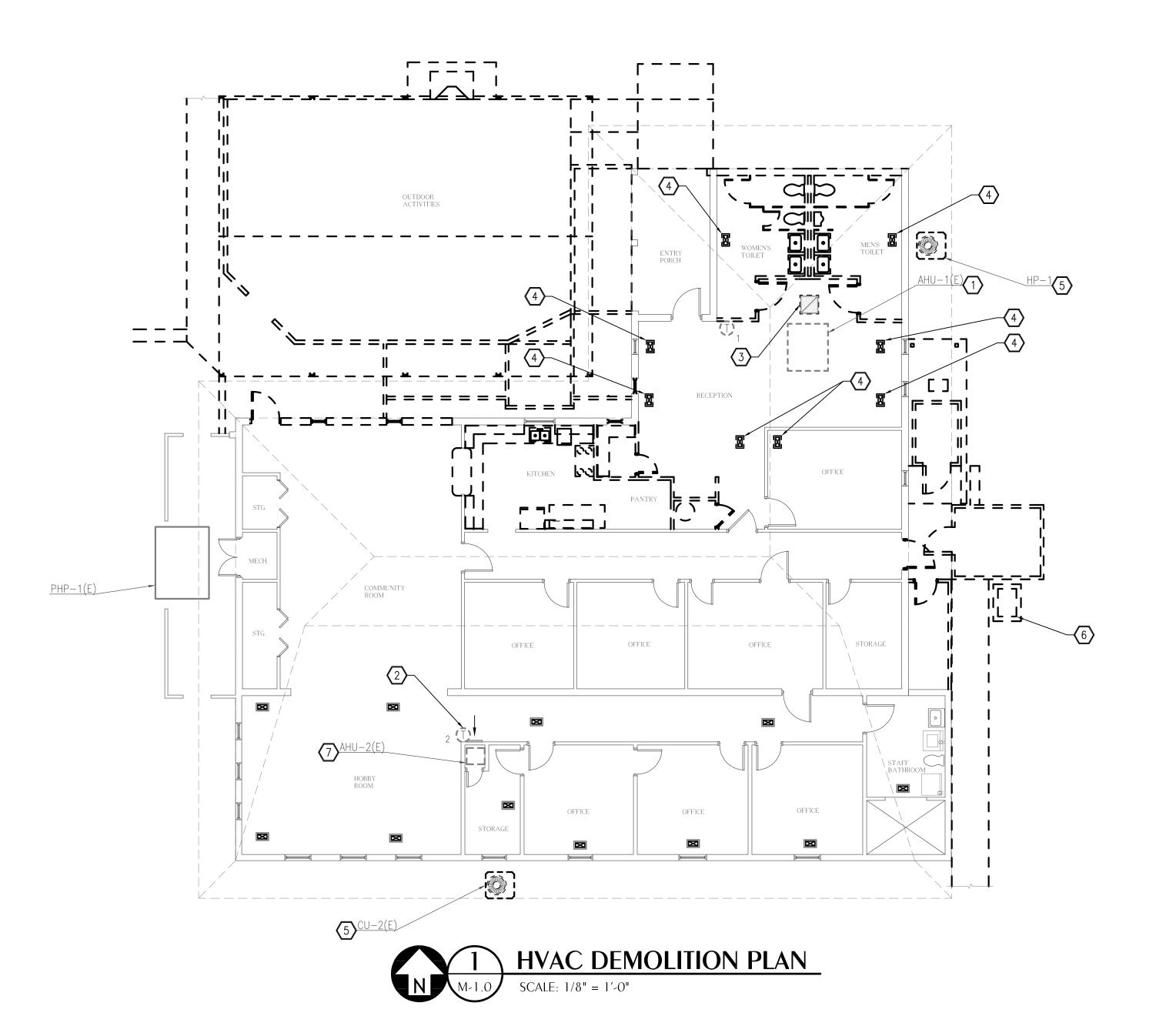


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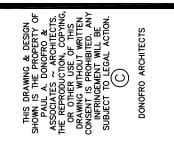
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SHEET NOTES

- EXISTING AIR HANDLING UNIT ABOVE CEILING SHALL BE ABANDONED. REMOVE ALL REFRIGERANT PIPING AND CONTROLS. REMOVE DUCTWORK WHEN POSSIBLE.
- REMOVE EXISTING THERMOSTAT AND RELATED CONTROL WIRING.
- REMOVE EXISTING RETURN FILTER GRILLE.
- REMOVE EXISTING SUPPLY REGISTER.
- REMOVE EXISTING CONDENSING UNIT, SUPPORTS, AND PIPING.
- REMOVE EXISTING FREEZER CONDENSING UNIT. FREEZER TO BE RELOCATED. PREPARE FOR INSTALLATION OF NEW CONDENSING UNIT.
- REMOVE EXISTING AIR HANDLING UNIT AND RELATED PIPING AND CONTROLS. PREPARE FOR INSTALLATION OF NEW AIR HANDLING UNIT IN SAME LOCATION.



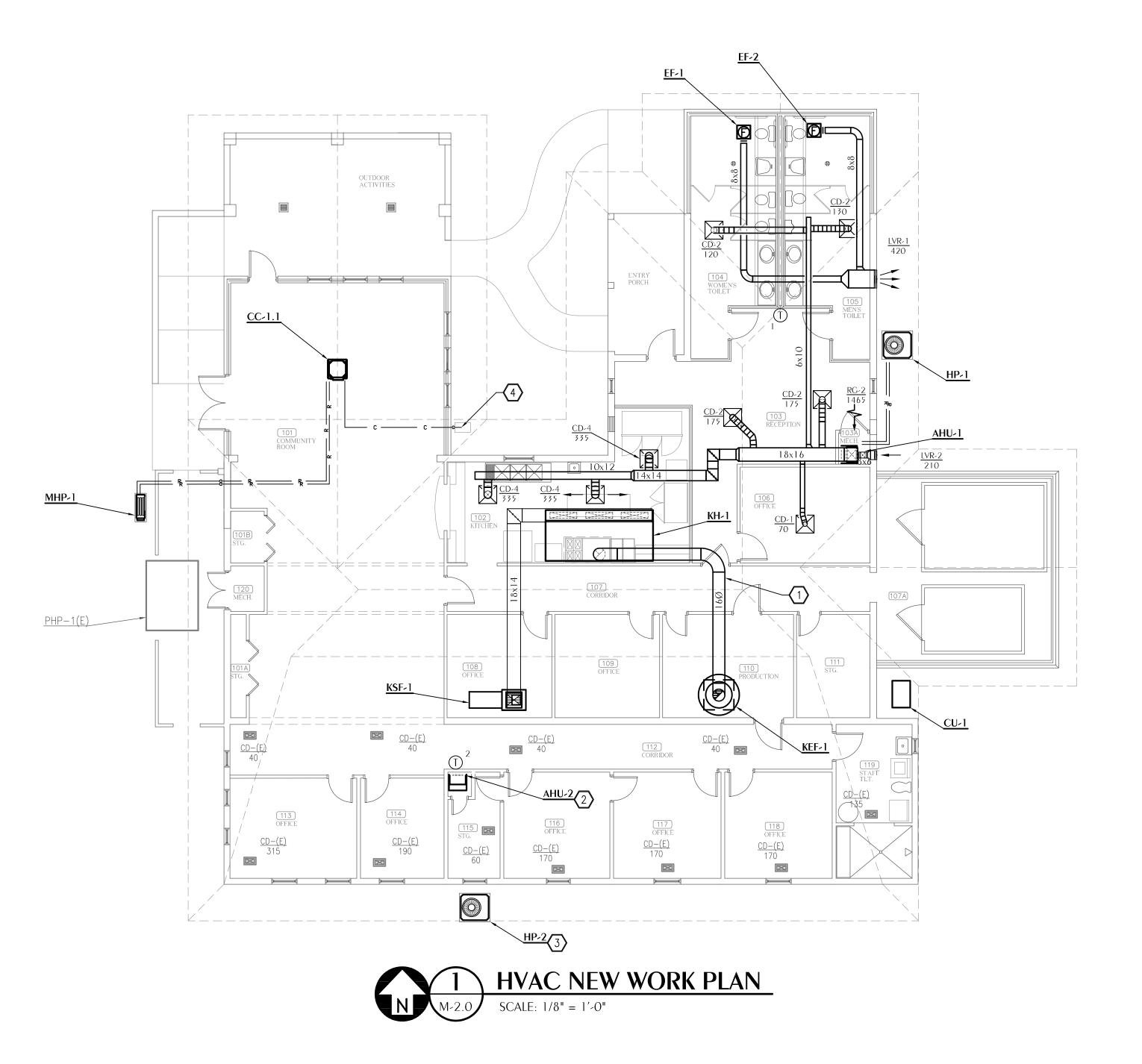
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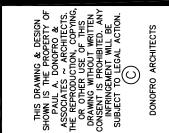
SHEET NOTES

KITCHEN HOOD EXHAST DUCT SHALL BE FACTORY
FABRICATED, DOUBLE WALL, ZERO CLEARANCE DUCT. REFER
TO SPECIFICATIONS. PROVIDE CLEANOUT EVERY 20' AND AT
CHANGE OF DIRECTION IN ACCORDANCE WITH SECTION
506.8 OF FLORIDA MECHANICAL CODE.

RECONNECT EXISTING SUPPLY DUCT TO NEW AHU. AHU CONDENSATE SHALL DISCHARGE TO EXISTING POINT OF DISPOSAL.

REFRIGERANT PIPING SHALL UTILIZE EXISTING PATH TO NEW AHU.

ROUTE INSULATED CONDENSATE BY GRAVITY FROM CC-1.1 TO EXTERIOR WALL AS SHOWN. DROP DOWN AND DISCHARGE CONDENSATE 4" ABOVE SPLASH BLOCK AT 45 DEGREES ANGLE CUT. PROVIDE 20"X12"X3" PRECAST CONCRETE ARCHITECTURAL SPLASH BLOCK



BOX 861 subject to the subject to th

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. 6 -5261 FAX:

9910 CALEDONIA ST MARIANNA, FL 32440 DFFICE: (850) 482-

DONOFRO

OVATIONS

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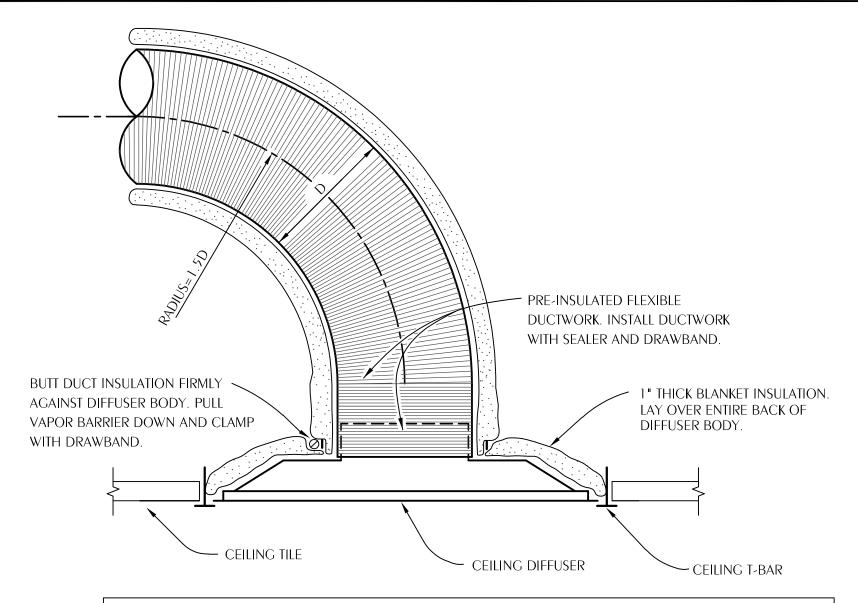
ONS AND RENOVATI

SHEET | HO 21 - 04 | TILE: | HO 30, 2024 | HO 30

100% COMPLETE OWNER REVIEW NOT FOR CONSTRUCTION

WATFORD ENGINEERING 4452 Clinton Street Marianna, Florida 32446 311 N. College St. Office 101B Auburn, AL 36830 SHEET No.

Florida CA Number: 27825
Keith A. Johnson, PE
Florida License Number: 86457
850.526.3447
Project Number: 2024-027



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, 2023 FLORIDA ENERGY CODE, NFPA 90A AND NFPA 90B. ATCO 36 OR APPROVED EQUAL.

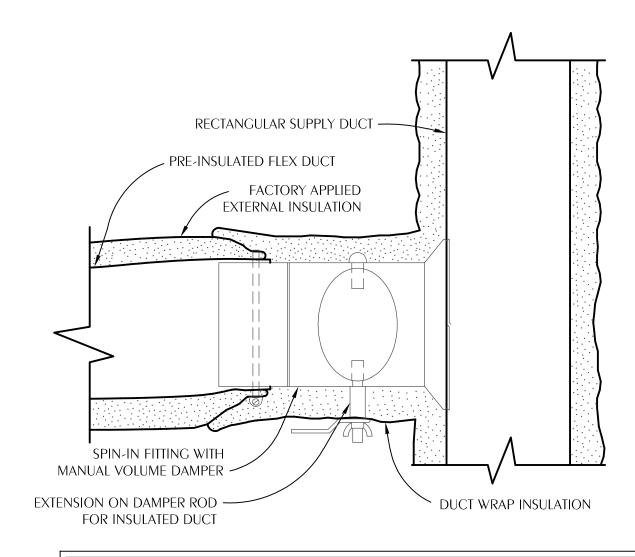
PROVIDE 24x24 LAY IN PANEL FOR DIFFUSERS IN LAY IN CEILINGS.

PROVIDE BEVELED MOUNTING FRAME FOR DIFFUSERS IN HARD CEILINGS.



TYPICAL FLEX DUCT TAKEOFF DETAIL

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.

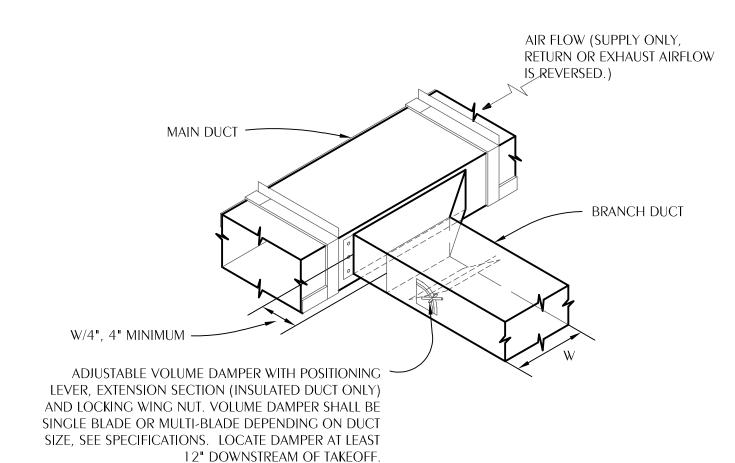
PROVIDE CABLE ACTIVATED DAMPER WITH ADJUSTMENT IN FACE OF CEILING DIFFUSER FOR INACCESSIBLE TAKEOFFS.

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)



TYPICAL FLEX DUCT TAKEOFF DETAIL

SCALE: NONE



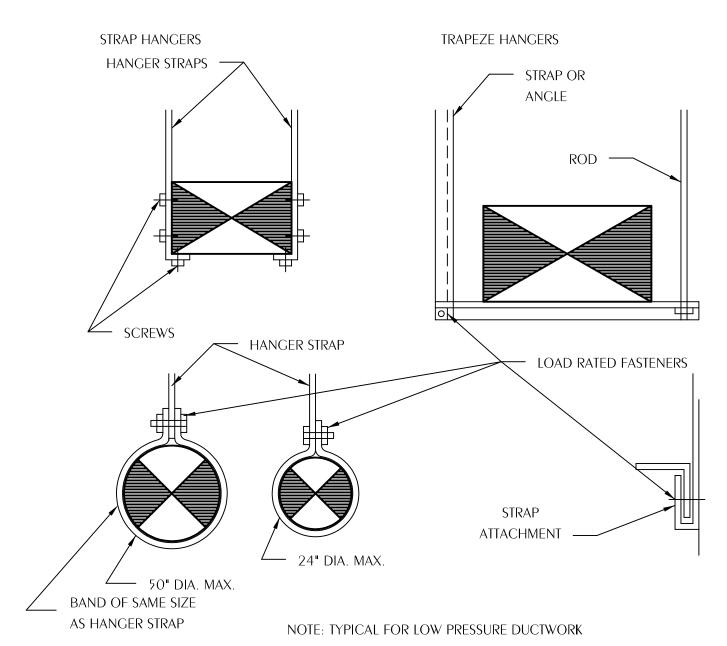
NOTES:
PROVIDE CABLE ACTIVATED DAMPER WITH ADJUSTMENT IN FACE OF AIR DEVICE FOR INACCESSIBLE TAKEOFFS LOCATED ABOVE HARD CEILINGS.

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)

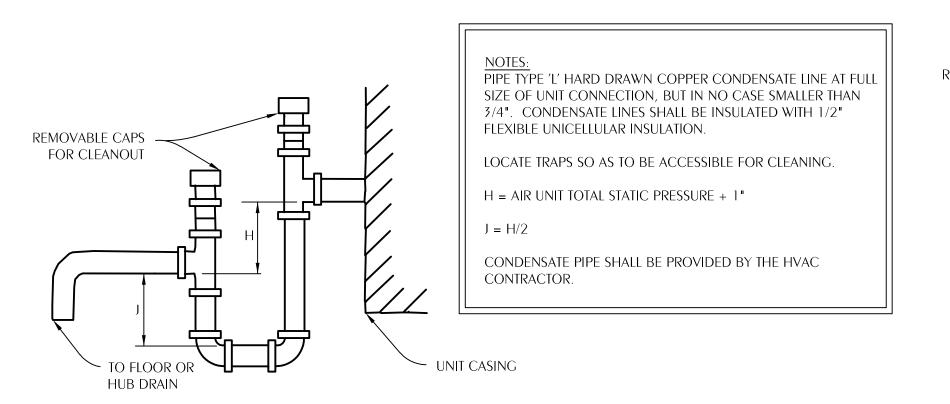


TYPICAL BRANCH DUCT TAKEOFF

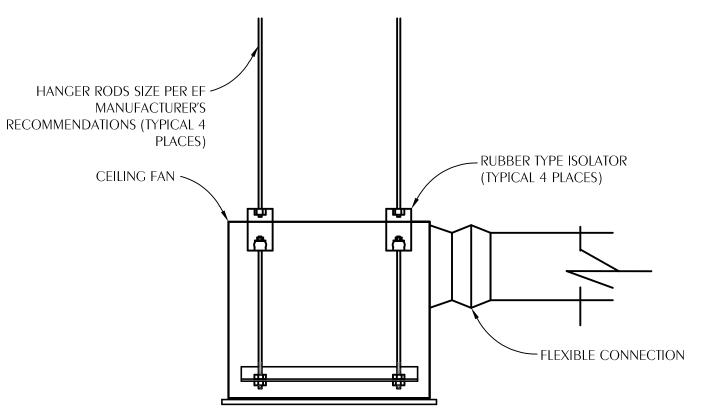
SCALE: NONE













100% COMPLETE OWNER REVIEW NOT FOR CONSTRUCTION



THIS DRAWING & DESIGNOWN IS THE PROPERTY
PAUL & DONOFRO &
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P.O. BOX 861
MARIANNA, FL 32447

DONOFRO A

10 CALEDONIA ST.
RIANNA, FL 32446

ND RENOVATIONS
COUNCIL ON AGINC

A-2021-04

DATE:
APRIL 20, 2024

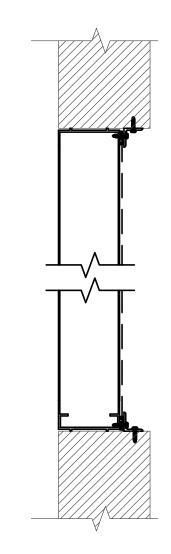
DRAWN BY:
JFG

CHECKED BY:

SHEEL No.

M-3.0

SEALANT (NIRC) TYP. TOP AND BOTTOM



HEAD AND SILL DETAIL

N.T.S.

1-1/2" x 1-1/2" x 1/4" x CONT. CLIP ANGLE, ATTACH TO STRUCTURE WITH 1/4"Ø A307 BOLT OR 1/4"-14 GRADE 2 SELF DRILLING SCREWS AT 2-1/2" FROM ENDS AND 3-1/2" MAX. C-C.

1-1/2" x 1-1/2" x 1/4" x CONT. CLIP ANGLE, ATTACH TO HEAD WITH 12-14 x 1-1/2" GRADE 2 SELF DRILLING SCREWS AT 2" FROM ENDS AND 1-3/4" MAX. C-C

BIRD SCREEN

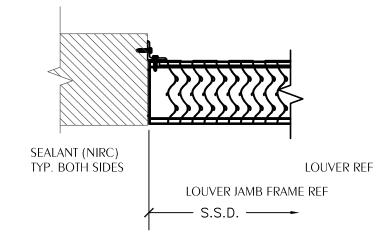
1-1/2" x 1-1/2" x 1/4" x CONT. CLIP ANGLE, ATTACH TO HEAD WITH 12-14 x 1-1/2" GRADE 2 SELF DRILLING SCREWS AT 2" FROM ENDS AND 1-3/4" MAX. C-C

NOTES:

- THE INSTALLATION SHOWN HEREIN MUST BE FOLLOWED STRICTLY TO ENSURE COMPLIANCE WITH FLORIDA BUILDING CODE PRODUCT APPROVAL.
- CONTINUOUS INSTALLATION ANGLES AND FASTENERS ARE SHIPPED LOOSE AND REQUIRE Installation in the field.
- SHIMS MAY BE REQUIRED TO ACHIEVE CONSISTENT CLEARANCE BETWEEN LOUVER AND OPENING ON ALL SIDES.

1-1/2" x 1-1/2" x 1/4" x 2" CLIP ANGLE AT 3" FROM ENDS AND 22" MAX. C-C. ATTACH ANGLE TO JAMB WITH (2) $#10-16 \times 1-1/2$ " GRADE 2 SELF DRILLING SCREWS AND TO STRUCTURE WITH (1)1/4"Ø A307 BOLT OR (1)1/4"-14 GRADE 2 SELF DRILLING SCREW.

BIRDSCREEN



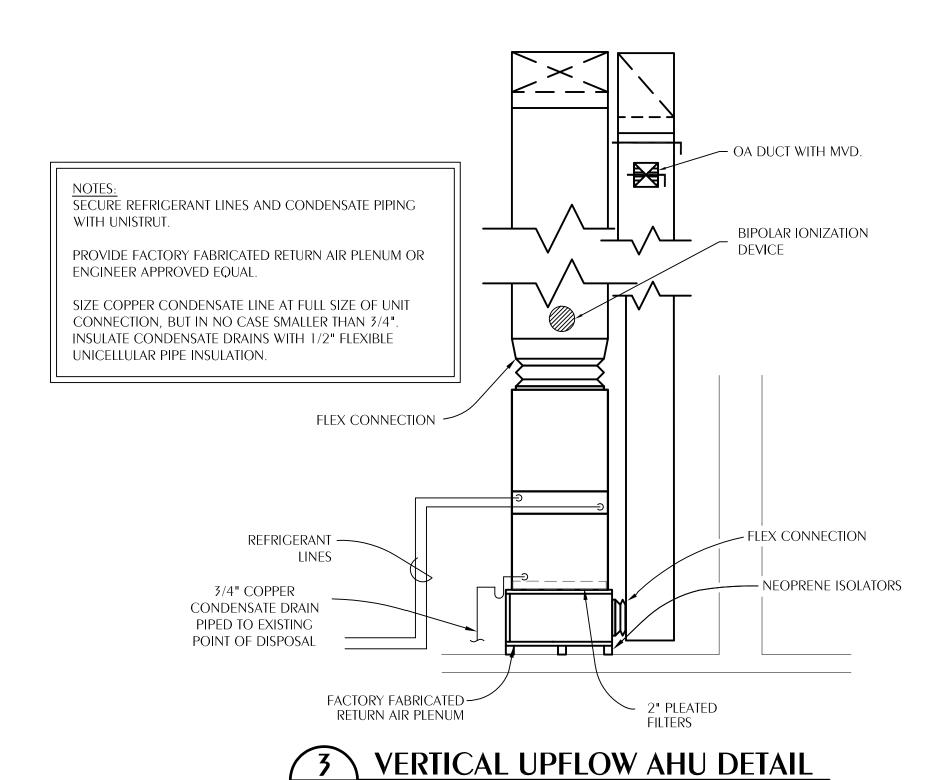
LOUVER SECTION AT JAMB

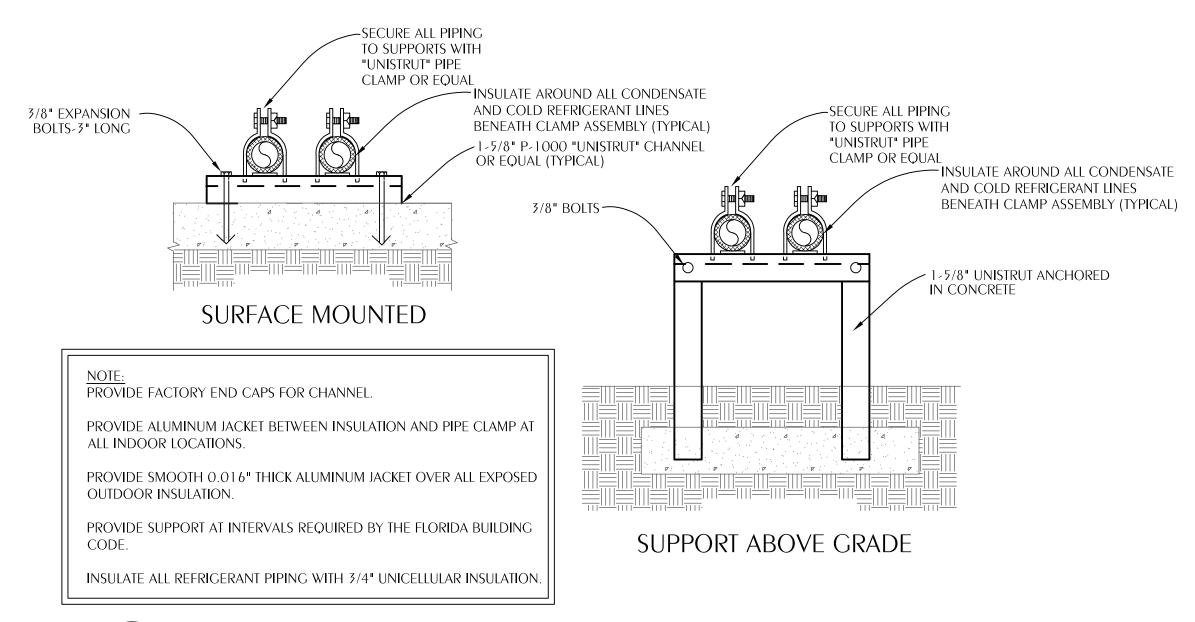


WALL LOUVER DETAIL

RUSKIN EME3625MD OR EQUAL

MIAMI-DADE NOA NO. 23-1116.02





TYPICAL EXTERIOR PIPING SUPPORT DETAIL

SCALE: NONE

1) WALL OR FLOOR SEAL APPURTENANCES PER SPECIFICATIONS

TYPICAL WALL PIPE PENETRATION

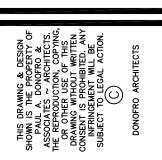
- 2 PIPE SLEEVE PER SPECIFICATIONS
- 3 PIPING
- 4 INSULATION

SCALE: NONE



100% COMPLETE OWNER REVIEW NOT FOR CONSTRUCTION

> SHEET No. Florida CA Number: 27825 Keith A. Johnson, PE Florida License Number: 86457



ARCHITE DONOFRO

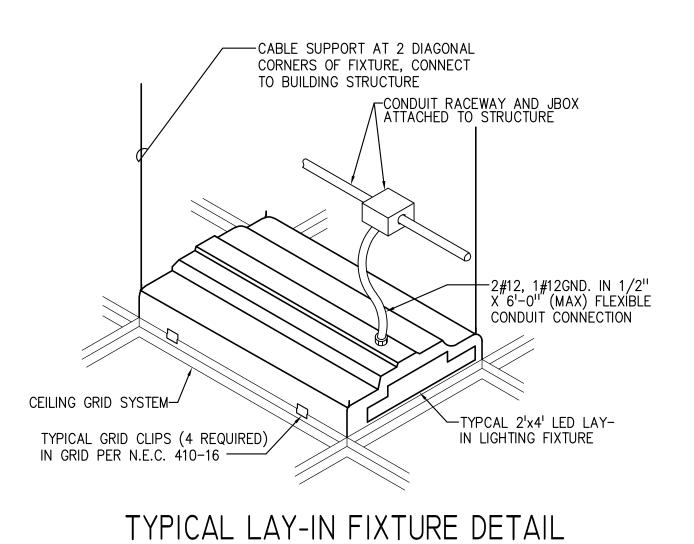


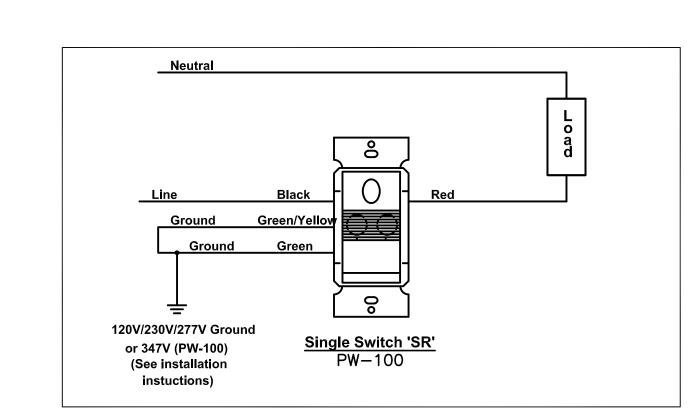
ELECTRICAL GENERAL NOTES

- 1. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO A/V DRAWINGS FOR REQUIRED RACEWAYS, EXACT SIZE, AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.
- 2. RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.
- 3. LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES, ETC. FOR AUDIO-VISUAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL 'AV' EQUIPMENT LOCATIONS TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.

NOT TO SCALE

- 4. FINAL CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
- 5. ALL EXIT AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT AHEAD OF LOCAL SWITCH.
- 6. ALL PANELBOARDS, BACKBOARDS, TERMINAL CABINETS, ETC SHALL HAVE CUSTOM ENGRAVED MICARTA NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM. 7. 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
- 8. THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE AUDIO-VISUAL AND SPECIAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL.
- 9. FURNISH ALL EQUIPMENT AND LABOR, PERFORM ALL LABOR WITH SUPERVISION, BEAR ALL EXPENSES, AS NECESSARY FOR THE SATISFACTORY COMPLETION OF ALL WORK READY FOR OPERATION.
- 10. COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE, 2020 NATIONAL ELECTRIC CODE
- AND 2023 FBC. OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES. 11. OBTAIN ARCHITECT'S/ENGINEER'S APPROVAL OF ALL LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELBOARDS, ETC. PRIOR TO PURCHASING.
- 12. TERMINATIONS FOR ALL EQUIPMENT SHOWN TO HAVE TEMPERATURE RATING OF 75deg C PER NEC 2020 ART. 110.14 & TABLE 310.15(B)(16).
- 13. WHERE USED, PROVIDE MEANS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE CIRCUIT BREAKERS SERVING MULTI-WIRE BRANCH CIRCUITS IN ACCORDANCE WITH NEC 210.4(B).





DEMOLITION NOTES

. ALL EXISTING SYSTEMS AND CONDITIONS SHOWN ON THE PLANS ARE APPROXIMATE

THE EXISTING ELECTRICAL CIRCUITS OF POWER, RECEPTACLES, LIGHTING, ETC. BEING

REMOVED MAY NOT BE SHOWN ON THESE DOCUMENTS, BUT ARE TO BE REMOVED

AS REQUIRED TO BUILD THIS PROJECT AND TO PERMIT NEW FINISHES, WALLS, ETC.

THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO BEGINNING ANY

INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST AND

SHALL PERFORM ANY ADDITIONAL WORK NECESSARY TO PERFORM THE WORK AS

. IF A DEVICE IS BEING REMOVED AND THE CIRCUIT FEEDS OTHER LOADS FROM

THE DEVICE, THEN THE WIRING SHALL BE MADE CONTINUOUS TO THE REMAINING

3. IF A DEVICE IS BEING REMOVED AND NOT PART OF A DEMO WALL, THAT LOCATION

. REMOVE ALL DISCONNECTS, WIRING, AND CONDUITS SERVING MECHANICAL EQUIPMENT

. CONTRACTOR TO REMOVE ALL CONDUITS, & ASSOCIATED WIRING FROM DEVICES

BEING REMOVED BACK TO PANEL UNLESS NOTED OTHERWISE. WHEN ALL LOADS

ON EXISTING BREAKERS ARE REMOVED, RELABEL BREAKER AS 'SPARE'.

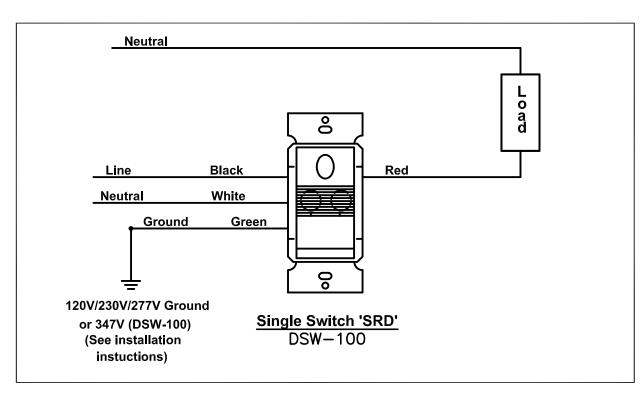
SHOWN AND SPECIFIED.

BEING REMOVED OR RELOCATED.

LOADS. NO CIRCUIT CONTINUITY SHALL BE LOST.

SHALL BE RESTORED TO MATCH ADJACENT SURFACE.

WORK AND SHALL NOTIFY THE ARCHITECT OF DISCREPANCIES. FAILURE TO DO SO



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

	LIG	HT	ING	FIXTURE	SCHEDULE
MARK	MANUFACTURER AND CATALOG No.		MPS TYPE	MOUNTING	REMARKS
BP	CHLORIDE CLU2NW	2	1.5 W LED	WALL @ 7'-6" AFF	120V
BPX BPXA	CHLORIDE CLCNRW		LED	WALL @ 7'-6" AFF	BATTERY PACK/EXIT SIGN COMBO, SELF DIAGNOSTICS, 120V, USE PUNCH-OUTS TO SHOW DIRECTIONAL ARROWS AS DENOTED ON DRAWING(S)
X/XA XC/XCA	CHLORIDE# CXXL-3-R-W	1	LED	CEILING/WALL MOUNT	BATTERY PACK/EXIT SIGN COMBO, SELF DIAGNOSTICS, 120V, USE PUNCH-OUTS TO SHOW DIRECTIONAL ARROWS AS DENOTED ON DRAWING(S)
BPXC	CHLORIDE CLCNRW		LED	CEILING MOUNTED	SHOW DIRECTIONAL ARROWS AS DENOTED ON DRAWING(S)
LD4	H.E. WILLIAMS 4DR-TL-L20/835-UNV-OW-OF-CS-MWT-WET/CC-N-F1	20W	3500K LED	CEILING RECESSED	4" RECESSED DOWNLIGHT, STD 0-10V DIMMING, 120V
LD4E	H.E. WILLIAMS 4DR-TL-L20/835-EM/10W-UNV-OW-OF-CS-MWT-WET/CC-N-F1	20W	3500K LED	CEILING RECESSED	4" RECESSED DOWNLIGHT, STD 0-10V DIMMING, 120V, W/ EMERG DRIVER
LFP	H.E. WILLIAMS BP-24-LS/8CS-QS-DIM-UNV	39W	3500K LED	CEILING LAY-IN	2'X4' LED FLAT PANEL LAY-IN, SELECTABLE, STD 0-10V DIMMING, UNV VOLT
LS	H.E. WILLIAMS 75R-4-L30-835-DRV-UNV	20W	3500K LED	SURFACE MOUNTED	4' HIGH OUTPUT LED STRIP, 3500K, UNV
WB	H.E. WILLIAMS VWPH-L30-740-T3-SDGL-DIM-UNV	36W	4000K LED	WALL MOUNT	EXTERIOR WALLPACK, FINISH BY ARCH, 277V
WBE	H.E. WILLIAMS VWPH-L30-740-T3-SDGL-EM/10WC-DIM-UNV	36W	4000K LED	WALL MOUNT	EXTERIOR WALLPACK, FINISH BY ARCH. EMERGENCY DRIVER, 277V
'CF'	MANUFACTURER AND CAT# BY ARCHITECT		100W	CEILING MOUNT	4' OUTDOOR WET LISTED CEILING FAN
FIXTURE	FINISH SELECTIONS TO BE VERIFIED WITH ARCHITECT PRIOR TO ORDER	RING.			

ELECTRICAL LEGEND

CEILING OUTLETS

- RECESSED 2' X 4' FLUORESCENT/LED FIXTURE MARK "A" CIRCUIT TYPICAL
- NL RECESSED 2' X 4' FLUORESCENT/LED FIXTURE INSTALLED FOR CONTINUOUS OPERATION

INDICATES FIXTURE WITH EMERGENCY UNIT BATTERY PACK

- SURFACE MOUNTED, RECESSED OR SUSPENDED FLUORESCENT/LED FIXTURE MARK
- SURFACE MOUNTED FLUORESCENT/LED STRIP FIXTURE MARK "FS" AS NOTED
- JUNCTION BOX
- O RECESSED/SURFACE MOUNT LIGHT
- NL O RECESSED/SURFACE MOUNT LIGHT INSTALLED FOR CONTINUOUS OPERATION

EF EXHAUST FAN

PANELS AND POWER

120/208 VOLT PANELBOARD

- EXISTING 120/208 VOLT PANELBOARD
- NON-FUSIBLE DISCONNECT SWITCH; XX/YY/ZZ WHERE X INDICATES AMPERAGE, Y INDICATES # OF POLES, AND Z INDICATES NEMA RATING

FIRE ALARM SYSTEM

- FIRE ALARM SYSTEM MANUAL PULL STATION; MT 48" AFF TO C/L
- FIRE ALARM SYSTEM SIGNAL <u>SPEAKER</u>/STROBE; MT 80" AFF TO <u>BOTTOM.</u>
- WP ▷ WEATHERPROOF FIRE ALARM SYSTEM SIGNAL <u>SPEAKER</u>; MOUNT 80" AFF TO <u>BOTTOM</u>
- FIRE ALARM SYSTEM STROBE; MT. 80" AFF TO <u>BOTTOM.</u>
- FIRE ALARM SYSTEM AUTOMATIC HEAT DETECTOR; 135 DEGREE/RATE OF RISE TYPE;
- FIRE ALARM SYSTEM AUTOMATIC SMOKE DETECTOR; CEILING MOUNTED
- FIRE ALARM SYSTEM RACEWAY INSTALLED CONCEALED; ARROW INDICATES HOMERUN TO FIRE ALARM CONTROL PANEL
- ♥S FIRE ALARM SYSTEM AUTOMATIC AIR DUCT SMOKE DETECTOR MOUNTED IN SUPPLY AIR DUCT
- ♥ FIRE ALARM SYSTEM AUTOMATIC AIR DUCT SMOKE DETECTOR MOUNTED IN RETURN AIR DUCT
- NORMALLY CLOSED RELAY IN H.V.A.C CONTROL CIRCUIT TO OPEN UPON ACTUATION OF BUILDING FIRE ALARM SYSTEM TO SHUT DOWN A/C UNIT. CONTACTS RATED 5 AMPS, 120 VOLTS.
- RI REMOTE INDICATOR LIGHT; FIELD-VERIFY EXACT LOCATION OF INSTALLATION
- FIRE ALARM SYSTEM MAGNETIC DOOR HOLDERS; WHERE APPLICABLE, EC TO PROVIDE 120V POWER
- (FS) FIRE ALARM SYSTEM FLOW SWITCH
- (TS) FIRE ALARM SYSTEM TAMPER SWITCH

WALL SWITCHES (UNLESS OTHERWISE NOTED, MOUNT 48" A.F.F.)

- S A.C. TYPE, SINGLE POLE, 20 AMP, 120/277 VOLT; MOUNT 48" AFF TO C/L
- S₃ A.C. TYPE, 3-WAY, 20 AMP, 120/277 VOLT; MOUNT 48" AFF TO C/L
- S₄ A.C. TYPE, 4-WAY, 20 AMP, 120/277 VOLT; MOUNT 48" AFF TO C/L
- S_M MOTOR-RATED TOGGLE SWITCH; FIELD-VERIFY EXACT HT & LOCATION WITH EQUIPMENT INSTALLER
- S_R WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED) EQUAL TO WATTSTOPPER PW-100: SET DELAY OFF TIME FOR 10 MINUTES (120/277V): MOUNT 48" AFF TO C/L
- S_{RD} WALL MOUNTED OCCUPANCY SENSOR EQUAL TO WATTSTOPPER DSW-100; DUAL TECHNOLOGY; MOUNT 48" AFF TO C/L; SET DELAY OFF TIME FOR 10 MINUTES (120/277V)
- S_{R5} M-10V DIMMING W/ 50%, 75%, & 100% PRE-SETS WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED) EQUAL TO WATTSTOPPER <u>PW-311</u>; SET DELAY OFF TIME FOR 10 MINUTES (120/277V); MOUNT 48" AFF TO C/L. IF DIMMING IS DESIRED IN A SPACE, A SEPARATE 0-10V 2-WIRE CONTROL CIRCUIT (MIN. 18GA) TO BE INSTALLED FROM DEVICE TO ALL FIXTURES IN ASSOCIATED DIMMING ZONE (FIXTURES TO BE DAISY-CHAINED).
- $\rm S_{D5}$ 0-10V DIMMING W/ 50%, 75%, & 100% PRE-SETS WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED & ULTRASONIC) EQUAL TO WATTSTOPPER <u>DW-311</u>; SET DELAY OFF TIME FOR 10 MINUTES (120/277V); MOUNT 48" AFF TO C/L. IF DIMMING IS DESIRED IN A SPACE, A SEPARATE 0-10V 2-WIRE CONTROL CIRCUIT (MIN. 18GA) TO BE INSTALLED FROM DEVICE TO ALL FIXTURES IN ASSOCIATED DIMMING ZONE (FIXTURES TO BE DAISY-CHAINED).
- S_{AD} WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED & ULTRASONIC) EQUAL TO WATTSTOPPER <u>DW-200;</u> SET DELAY OFF TIME FOR 10 MINUTES (120/277V); MOUNT 48" AFF TO C/L... W/ 50%, 75%, & 100% PRESETS. NOTE THAT FOR EACH LEVEL OF LIGHT, A SEPARATE SWITCH LEG IS REQUIRED TO BE INSTALLED.
- PHILLIPS SUNRISE 1200W ELECTRONIC WALL DIMMER (MODEL# SR1200ZTUNV); EC TO INSTALL 120V HOTLEG (LOAD SIDE OF OCCUPANCY SENSOR SWITCH) TO DIMMING MODULE AND FROM MODULE TO FIXTURE; IN ADDITION, INSTALL A 2-WIRE (#16 AWG) DIMMING CIRCUIT FROM DIMMER MODULE TO LIGHTING FIXTURE(S) TO BE CONTROLLED. WITHIN EACH ZONE, DIMMING CIRCUIT MAY BE DAISY-CHAINED AND NOT SEPARATE RUNS FROM MODULE TO EACH FIXTURE REQUIRED. IF OTHER-THAN-SPECIFIED MANUFACTURERS/FIXTURE TYPES FURNISHED, EC TO VERIFY THAT DIMMING MODULE SUPPLIED TO BE 100% COMPATIBLE WITH FIXTURES TO BE INSTALLED. MOUNT 48" AFF TO C/L. IF EMERGENCY EGRESS FIXTURES W/ BATTERY BACKUP ARE WITHIN ZONE OF CONTROL, INSTALL A SEPARATE NON-SWITCHED 120V HOTLEG FOR CONTINUAL CHARGING OF BATTERIES.

AUTOMATIC LIGHTING CONTROL SYSTEM

- 180° CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO WATTSTOPPER DT-205 (LOW VOLTAGE); DUAL TECH-NOLOGY INFRARED AND ULTRASONIC, 2000 SQ FT COVERAGE; SEE CEILING MOUNTED MOTION DETECTOR DETAIL
- 360° CEILING MOUNTED OCCUPANCY SENSOR EQUAL TO WATTSTOPPER DT-355 (LINE VOLTAGE); DUAL TECH-NOLOGY INFRARED AND ULTRASONIC, 1000 SQ FT COVERAGE; SEE CEILING MOUNTED MOTION DETECTOR DETAIL
- POWER PACK RELAY EQUAL TO WATTSTOPPER BZ-50 POWER PACK; SEE CEILING MOUNTED MOTION DETECTOR
- DEVICE TO BE MOUNTED ABOVE CEILING. (UNIVERSAL 100-277V)...20 AMP MAX. SWITCHING CAPABILITY

BRANCH CIRCUITING

- RUN CONCEALED UNDER FLOOR OR IN GRADE
- RUN CONCEALED IN CEILING OR WALLS
- HOMERUN TO PANEL. ANY CIRCUIT WITHOUT FURTHER IDENTIFICATION INDICATES 2#12, 1#12 GROUND-1/2"C; /// 3 #12, 1 #12 GROUND 1/2" C; + 4#12, 1#12 GROUND 1/2" C; ETC. AS PER NEC. LETTERS AND NUMERALS INDICATE PANEL AND CIRCUIT
- NUMERALS INDICATE PANEL AND CIRCUIT NUMBER. LIQUID—TIGHT FLEXIBLE CONDUIT CONNECTION
- SURFACE MOUNTED CONDUIT; RUN PARALLEL OR PERPINDICULAR TO BUILDING LINES

TELEPHONE & TV SYSTEM

- WALL OUTLET 4" SQ X 2-1/8" DEEP BOX @18" A.F.F. TO C/L OF DEVICE U.N.O.; INSTALL 3/4"C TO ACCESSIBLE LOCATION ABOVE CEILING. COMMUNICATIONS CONTRACTOR SHALL PROVIDE COVERPLATES, INSERTS,
- WALL OUTLET 4" SQ X 2-1/8" DEEP BOX @ 6" ABOVE COUNTER TO C/L OF DEVICE U.N.O.; INSTALL 3/4"C TO ACCESSIBLE LOCATION ABOVE CEILING. COMMUNICATIONS CONTRACTOR SHALL PROVIDE COVERPLATES,
- WALL OUTLET 4" SQ X 2-1/8" DEEP BOX @ 6" HORIZONTALLY ABOVE COUNTER TO C/L OF DEVICE; INSTALL 3/4"C TO ACCESSIBLE LOCATION ABOVE CEILING; COMMUNICATIONS CONTRACTOR SHALL PROVIDE
- COVERPLATES, INSERTS, ETC. 3/4" (60" HIGH) TELEPHONE BACKBOARD EXTERIOR GRADE PLYWOOD WITH TWO COATS OF INSULATING VARNISH, SIZE AS SHOWN
- ABOVE CEILING. COMMUNICATIONS CONTRACTOR SHALL PROVIDE COVERPLATES, INSERTS, ETC...MOUNT 18" A.F.F. TO C/L OF DEVICE U.N.O.

- DUPLEX RECEPTACLE 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
- DUPLEX RECEPTACLE 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5—20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE. 'TAMPER RESISTANT'
- G ⇒ DUPLEX RECEPTACLE 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5–20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
- H ⇒ DUPLEX RECEPTACLE 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5–20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE.
- 'H' DENOTES DEVICE TO BE MOUNTED HORIZONTALLY
- DUPLEX <u>WEATHERTIGHT</u> RECEPTACLE 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5—20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE; PROVIDE WEATHERPROOF BOX FOR RECEPTACLE
- ♦ DUPLEX RECEPTACLE 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT FLUSH IN CEILING
- DUPLEX RECEPTACLE 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT ADJACENT TO TELEVISION OUTLET AT SAME HEIGHT.
- DUPLEX RECEPTACLE 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVÉ COUNTER
- → G DUPLEX RECEPTACLE 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 6" ABOVE COUNTER
- ⇒G,H DUPLEX RECEPTACLE 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE,
- NEMA 5-20R. MOUNT 6" ABOVÉ COUNTER...HORIZONTALLY
- DUPLEX RECEPTACLE 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA GF-5-20R. MOUNT 26" AFF TO C/L FOR DRINKING FOUNTAIN
- QUADRAPLEX RECEPTACLE _ 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
- H= QUADRAPLEX RECEPTACLE 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5-20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
- 'H' DENOTES DEVICE TO BE MOUNTED HORIZONTALLY
- (a)+ 240V RECEPTACLE MOUNT 18" AFF UNLESS NOTED OTHERWISE; VERIFY TYPE REQUIRED WITH EQUIPMENT FURNISHED
- JUNCTION BOX WITH BLANK SCREW COVER AND FLEXIBLE CONDUIT CONNECTION
- SURFACE-MOUNTED JUNCTION BOX WITH BLANK SCREW COVER (UNLESS DEVICE SHOWN TO BE INSTALLED); SIZE OF BOX TO BE DETERMINED BY DEVICE BEING INSTALLED
- +⊗ WALL MOUNTED EXIT LIGHT
- WALL MOUNTED HIGH INTENSITY DISCHARGE FIXTURE
- WALL MOUNTED EMERGENCY UNIT BATTERY PACK
- WALL MOUNTED EXIT LIGHT/BATTERY PACK COMBO FIXTURE
- PH SIDEWALL PHOTOCELL EQUAL TO TORK #2101 (120V)
- DUPLEX RECEPTACLE 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5—20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE; LABEL "COMPUTER USE ONLY"

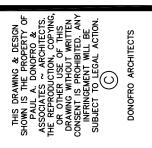
<u>MISCELLANEOUS</u>

- A.F.F. ABOVE FINISH FLOOR
- B.F.C. BELOW FINISHED CEILING e EXISTING

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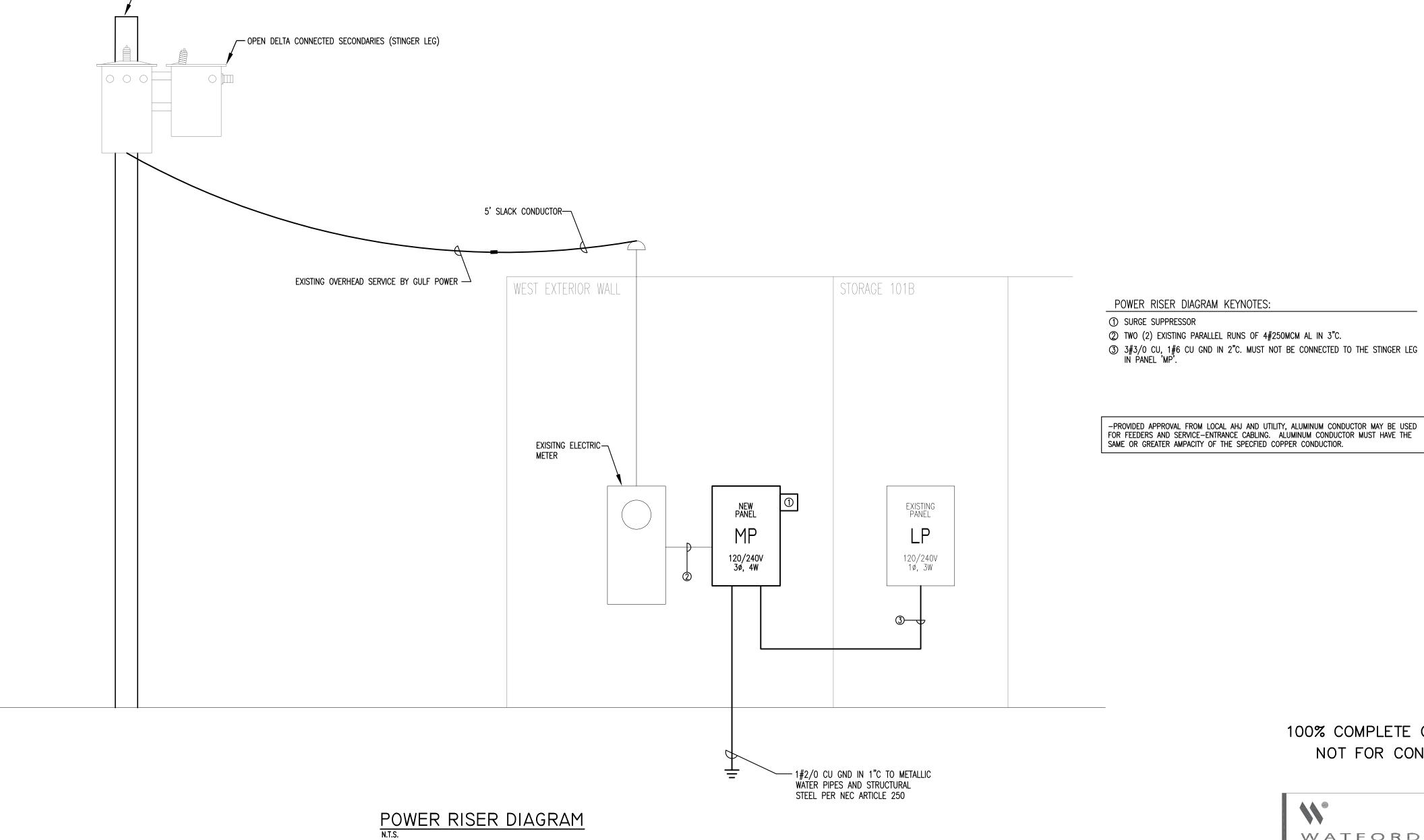
CKT	LOAD DESCRIPTION	B R E A	AKER AMP	LOAD	KVA	BREAKE AMP PC		C
1	LTS-COOLER/HTR	1	20	0.42	0.18	20	1 LTS-EXTERIOR	
3	SPACE/STINGER LEG (NO 120V LOADS)	1			8.64		2 AHU-2	4
5	REC-COMM101/OUTDOOR	1	20	1.08		\	↓ ↓	(
7	REC-KITCHEN102	1	20	0.18	X.XX	XX①	HOOD LTS/CONTROLS	{
9	SPACE/STINGER LEG (NO 120V LOADS)	1			3.46	30① 2	2 HP-2	1
11	REC-KITCHEN102	1	20	0.18		\ \dots	J	1
13	REC-KITCHEN102	1	20	0.18	0.18	20	1 REC-KITCHEN102	1
15	(DACKACE LIMIT)	3	VV 🛈	XX.XX	2.11	20① 2	2 MHP-1	1
17 19	(PACKAGE UNIT)	<u>ې</u>		^^.^^	0.84	20	↓ ↓ 1 FREEZER	1 2
21	*	- + *	*		11.00	60 2	2 CONVECTION OVEN	2
23	KSF-1	3	XXU	XX.XX	11.00	1	Z CONVECTION OVEN	2
25		Ĭ	ì	77.77	0.89	20	1 ICE MAKER	2
27	<u> </u>	 	Ŧ		0.00	1 1	1 102 W/WCER	2
29	KEF-1	3	ΧXŒ	XX.XX	21.30	12.30	3 EWH-1	7
31	↓	1	↓			,	,	3
33	AHU-1	2	60①	11.33	3.34	30① 2	2 WALK-IN COOLER/FREEZER	3
35	\	1	+			1 1 1		7
37	REC-KITCHEN102	1	20	0.18	0.38	20	1 FREEZER	3
39	HP-1	2	40①	4.99	X.XX	XX① 2	2 WALK-IN COOLER/FREEZER	4
41	+	<u> </u>	↓			1 1 1	1 1 1 1 1 1 1 1 1 1	4
43	REC-KITCHEN102	1	20	0.18	0.18	20	1 REC-KITCHEN102	4 DC)
45	SPACE/STINGER LEG (NO 120V LOADS) REC-REST104/105	1	20	0.54	0.18	20	1 SPACE/STINGER LEG (NO 120V LO) 1 REC-KITCHEN102	
47 49	REC-REST104/103	l	20	0.54	0.16	20	I REC-KITCHENTUZ	
49 51	SPACE/STINGER LEG (NO 120V LOADS)	1						5
53	SI NOLY STINGLIN LLG (NO 1201 LONDS)	1						5
55								
57								
59	PANEL 'LP'	2	XX	XX.XX				6
61	\		Į.			† 4	<u>†</u>	6
63	•	•	•			60	3 SURGE SUPPRESSOR	6
65						I I .	L L	6

	AMP MAIN BREAKER CE-RATED	CIRCUIT E (E		ING F				DOLL	NEMA 1 ENCLOSURE
CKT	LOAD DESCRIPTION	BRE/ POLE		LOAD	KVA	B R E A		LOAD DESCRIPTION	СК
1	SPACE	1					1	SPACE	2
3	EXISTING	2	30			60	2	EXISTING	4
5	↓ ↓		<u> </u>			+	<u> </u>	↓ ↓	6
7	DRYER					30	2	EXISTING	8
9	COPIER		-			 		₩	10
11	EXISTING	2	40			20/20		FRONT WELL	12
13	₩	<u> </u>	<u></u>			20/20		KITCHEN	14
15	STOVE	2	40			20/20	2 (1)	KITCHEN	16
17	+	<u> </u>	↓			30	1	EXISTING	18
19	EXISTING	2	40			30	1	EXISTING	20
21	+	<u> </u>	→			20	1	EXISTING	22
23	EXISTING	2	50			20	1	EXISTING	24
25	↓	<u>+</u>	→			20		EXISTING	26
27	EXISTING	1	30			20	1	EXISTING	28
29	EXISTING	1	30			20	1	EXISTING	30
31	EXISTING	1	30			20	1	EXISTING	32
33	EXISTING	1	30			20	1	EXISTING	34
35	EXISTING	1	30			20	1	EXISTING	36
37	EXISTING		30			30	1	EXISTING	38
39	FREEZER		30/50			30	1	EXISTING	40
41	FREEZER	20	50/30			30	1	PHONE LINES	42
43									44
45									46
47									
							① T	ANDEM BREAKER	

- EXISTING GULF POWER UTILTIY POLE

PANEL 'MP' SHALL BE LEGIBLY AND PERMANENTLY MARKED IN THE FIELD WITH THE STATEMENT BELOW:

CAUTION: B PHASE HAS 208 VOLTS TO GROUND

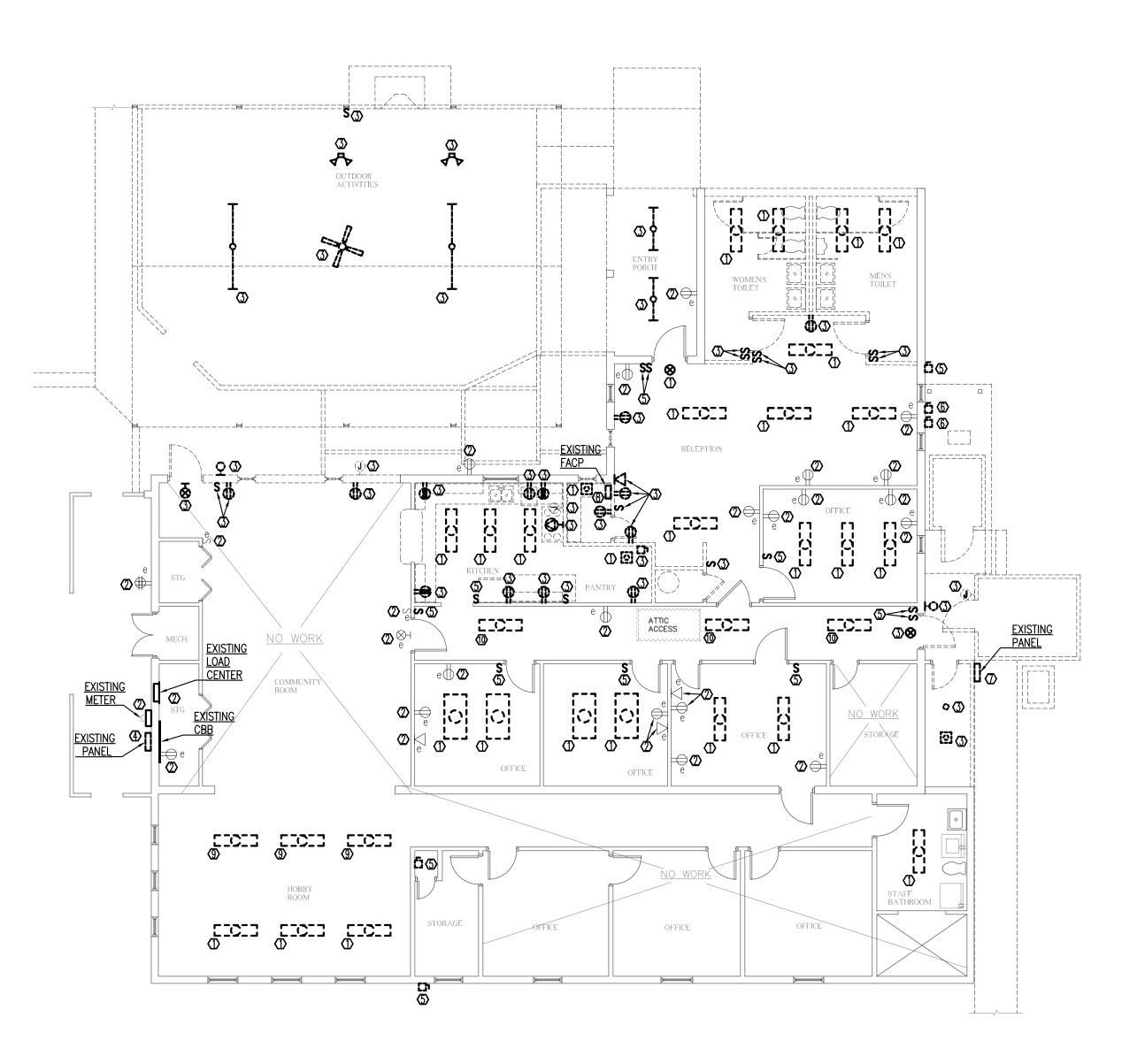


② TWO (2) EXISTING PARALLEL RUNS OF 4#250MCM AL IN 3"C.

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GENERAL NOTES

1. ANY EXISTING DEVICES NOT SHOWN ON THIS PLAN THAT ARE MOUNTED IN A WALL THAT IS TO BE DEMOLISHED SHALL BE REMOVED AND DISPOSED OF. REMOVE ASSOCIATED CIRCUIT BACK TO ITS SOURCE. IF THERE ARE REMAINING DEVICES ON THE BRANCH CIRCUIT, MAINTAIN POWER TO THOSE DEVICES. IF THERE ARE NO REMAINING DEVICES ON THE BRANCH CIRCUIT, LABEL THE BKR 'SPARE' FOR POSSIBLE REUSE IN NEW WORK. EC MAY REUSE EXISTING CONDUCTOR, CONDUIT, AND WALL/CEILING PENETRATIONS WHERE PRACTICAL.

KEYNOTES

EC TO REMOVE AND DISPOSE OF LIGHTING FIXTURE. EXISTING CIRCUIT TO REMAIN.

② EXISTING DEVICE TO REMAIN.

(3) EC TO REMOVE AND DISPOSE OF DEVICE AND CIRCUIT BACK TO SOURCE. MAINTAIN CONTINUITY TO ANY REMAINING DEVICES WITHIN BRANCH. IF NO LOAD REMAINS ON BRANCH, LABEL BKR 'SPARE' FOR POSSIBLE USE IN NEW WORK. EXISTING CONDUCTOR, CONDUIT, AND WALL PENETRATIONS MAY BE REUSED IN NEW WORK WHERE PRACTICAL. SEE SHEETS E-2.0 AND E-3.0.

- EC TO REMOVE AND DISPOSE OF EXISTING POWER PANEL. SALVAGE CIRCUIT BREAKERS FOR POSSIBLE REUSE IN NEW WORK, IF COMPATIBLE WITH NEW EQUIPMENT. SEE SHEETS E-0.2 AND E-2.0. EXISTING PANEL IS LOCATED ON THE WEST EXTERIOR WALL. IT IS A 120/240V, 3 PHASE, 4 WIRE, OPEN DELTA CONNECTED, CUTLER-HAMMER, 400A, MAIN LUG ONLY, 18 SPACE PANEL, CAT#31836DR1N.
- (5) EC TO REMOVE AND DISPOSE OF DEVICE. EXISTING CIRCUIT TO REMAIN.
- © EC TO REMOVE AND DISPOSE OF ABANDONED DISCONNECT AND ANY REMNANT OF CIRCUIT BACK TO SOURCE.
- CD EC TO REMOVE AND DISPOSE OF EXISTING POWER PANEL AND FEEDER BACK TO SOURCE. SALVAGE CIRCUIT BREAKERS FOR POSSIBLE REUSE IN NEW WORK, IF COMPATIBLE WITH NEW EQUIPMENT. SEE SHEETS E-0.2 AND E-2.0. EXISTING PANEL IS LOCATED ON THE EXTERIOR OF THE EAST WALL. IT IS A CUTLER-HAMMER, 125A, MAIN LUG ONLY, 8 SPACE PANEL. CAT# BR612L125RP.
- (8) EC TO REMOVE AND DISPOSE OF ABANDONED FIRE ALARM CONTROL PANEL AND CIRCUITS BACK TO SOURCE.
- © EC TO REMOVE LIGHTING FIXTURE AND STORE FOR REINSTALLATION IN NEW WORK. EXISTING CIRCUIT TO REMAIN. REFER TO SHEET E-3.0 FOR NEW LOCATION.
- © EC TO REMOVE AND DISPOSE OF LIGHTING FIXTURE. IF THE EXISTING CIRCUIT IS A MINIMUM #10 WIRE, THE CIRCUIT MAY BE REUSED IN NEW WORK AND SHALL REMAIN. OTHERWISE, REMOVE CIRCUIT BACK TO SOURCE. MAINTAIN CONTINUITY TO ANY DEVICES REMAINING WITHIN BRANCH. IF NO LOAD REMAINS ON BRANCH, LABEL BKR 'SPARE' FOR POSSIBLE USE IN NEW WORK.

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WATFORD
ENGINEERING
4452 Clinton Street Marianna, Florida 32446
311 N. College St. Office 101B Auburn, AL 36830

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> 910 CALEDONIA ST. ARIANNA, FL 32446 FFICE: (850) 482-52

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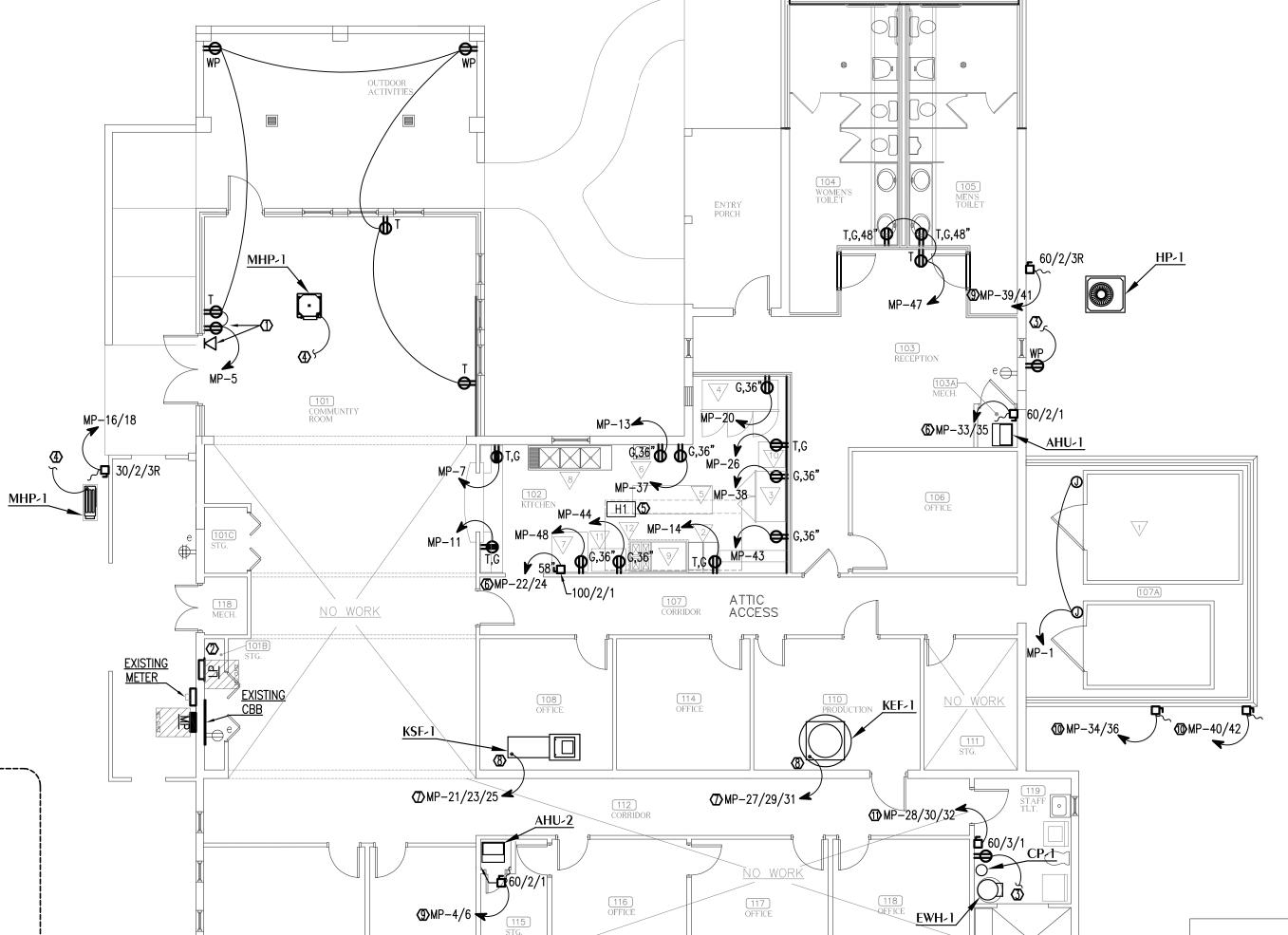
A-2021-04

DATE:
APRIL 20, 2024

DRAWN BY:
CRD

SHEET No.

E-1.0



POWER FLOOR PLAN

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

HOOD WIRING DETAIL

TO 'KEF-1' ON THE ROOF

MP-7/9/11 'KSF-1' **←**

MP−13/15/17 'KEF−1' **~**

MP−8 ← (LIGHTS & CONTROLS)

KEYNOTES

- PRIOR TO ROUGH—IN, EC TO COORDINATE WITH GC/ARCHITECT FOR EXACT HEIGHT AND LOCATION OF DEVICES SERVING WALL MOUNTED TELEVISION.
- © EC TO LABEL EXISTING LOAD CENTER LOCATED IN 101B STORAGE 'LP'. THIS PANEL IS A CUTLER-HAMMER BR LOADCENTER. IT IS A 120/240V, SINGLE PHASE, 200 AMP MAIN BREAKER, 42 SPACE PANEL.
- CONNECT NEW RECEPTACLE TO THE NEAREST EXISTING CONVENIENCE RECEPTACLE BRANCH CIRCUIT.
- 5 REFER TO 'H1' HOOD WIRING DETAIL, THIS SHEET.
- © CIRCUIT TO BE A MINIMUM 2#6, 1#10GND IN 1"C.
- CIRCUIT TO BE A MINIMUM 3#XX, 1#XXGND IN X"C.
- (C) CIRCUIT TO BE A MINIMUM 2#8, 1#10GND IN 3/4"C.
- (10) CIRCUIT TO BE A MINIMUM 2#10, 1#10GND IN 3/4"C.
- ① CIRCUIT TO BE A MINIMUM 3#8, 1#10GND IN 3/4"C.

	KITCHEN EQUIPI	MENT SCHEDULE	=		
ITEM	DESCRIPTION	MANUFACTURER	CAT. NO.	SIZE	REMARKS
1	WALK IN FREEZER	MASTERBILT	QODF7710146	10'x14'x7'-7" HIGH	
2/	S.S. LIQUID PROPANE OPEN POT FLOOR FRYER	COOKING PERFORMANCE GROUP	351FFOP402	15-3/4"x32"Dx 46"H	
3	S.S. REACH IN FREEZER 2 DOOR	ADVANTCO	SS-3F-HC	54"W x 32 1/4" D x 82 1/2" H	
4	S.S. REACH IN FREEZER 3 DOOR	ADVANTCO	SS-2R-HC	80 7/8" W x 32 1/4" D x 82 1/2" H	
5	S.S. WORK TABLE	REGENCY	304	84"L x 30"W x 34" H	
6	WALL MOUNTED WALL SINK	SEE PLUMBING PLANS			
7	ELECTRIC CONVECTION OVEN	COOKING PERFORMANCE GROUP	FEC-100-D	38 1/8"W X 41 1/2" D X 54 1/8"H	
8	3 COMPARTMENT S.S. SINK	REGENCY	REGENCY 88		
9/	RANGE AND GRIDDLE	COOKING PERFORMANCE GROUP	S60-G36-L	60"W X 32 5/8" D X 60"H	
10/	EXISTING ICE MAKER	KOOLAIRE		28"Dx27"W X 40"H	
11/	S.S. WORK TABLE 16 GAUGE	REGENCY	600ES2436	24"x 36"	
12/	EXHAUST HOOD	SEE MECHANICAL PLANS			

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ARCHITEC

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KEYNOTES

TO CONNECT TO LIGHTING CIRCUIT THAT PREVIOUSLY SERVED THE OUTDOOR ACTIVITY AREA. IF THE BRANCH WAS TOTALLY REMOVED DURING DEMOLITION, CONNECT TO 'SPARE' 20/1 BKR IN PANEL 'LP' AND LABEL 'OUTDOOR'.

- ② EC TO INSTALL LIGHTING FIXTURE THAT WAS REMOVED DURING DEMOLITION. EXTEND CIRCUIT TO NEW LOCATION AND RECONNECT AS NECESSARY.
- ③ CONNECT TO EXISTING LIGHTING CIRCUIT THAT PREVIOUSLY SERVED THIS AREA.
- **4** CONNECT TO EXISTING CIRCUIT.
- 5 PER MECHANICAL DESIGN, 'EF' TO BE SUPPLIED WITH AN INTEGRAL DISCONNECT. SEE SHEET M-0.2. INTERLOCK 'EF' WITH ROOM LIGHTING.
- 6 CONNECT TO LIGHTING CIRCUIT THAT PREVIOUSLY SERVED CORRIDOR 107. IF THE BRANCH WAS TOTALLY REMOVED DURING DEMOLITION, CONNECT TO 'SPARE' 20/1 BKR IN PANEL 'LP' AND LABEL 'CORRIDOR107'. TO COMBAT VOLTAGE DROP AND COMPLY WITH NEC, ENTIRE CIRCUIT IS TO BE A MINIMUM #10 CU, INCLUDING THE HOMERUN.
- TO COMBAT VOLTAGE DROP AND COMPLY WITH NEC, ENTIRE CIRCUIT IS TO BE A MINIMUM #10 CU.

ARCHITE

DONOFRO

SHEET No.

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LIGHTING REFLECTED CEILING PLAN

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