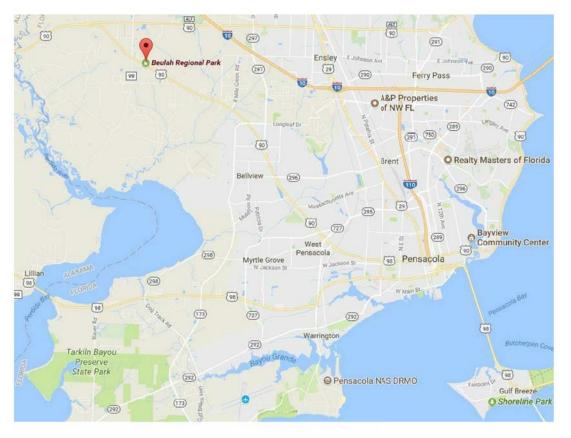
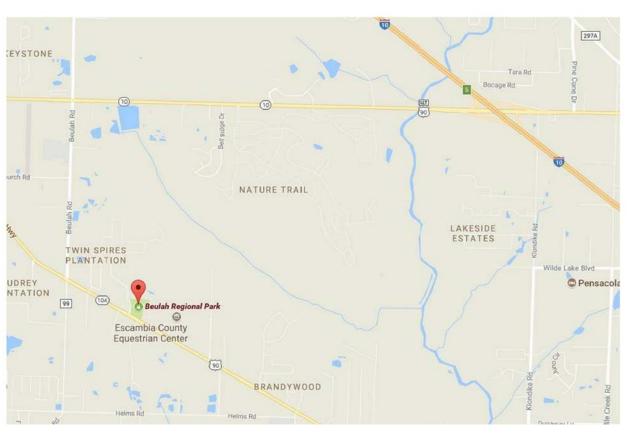
Beulah Regional Park Restroom

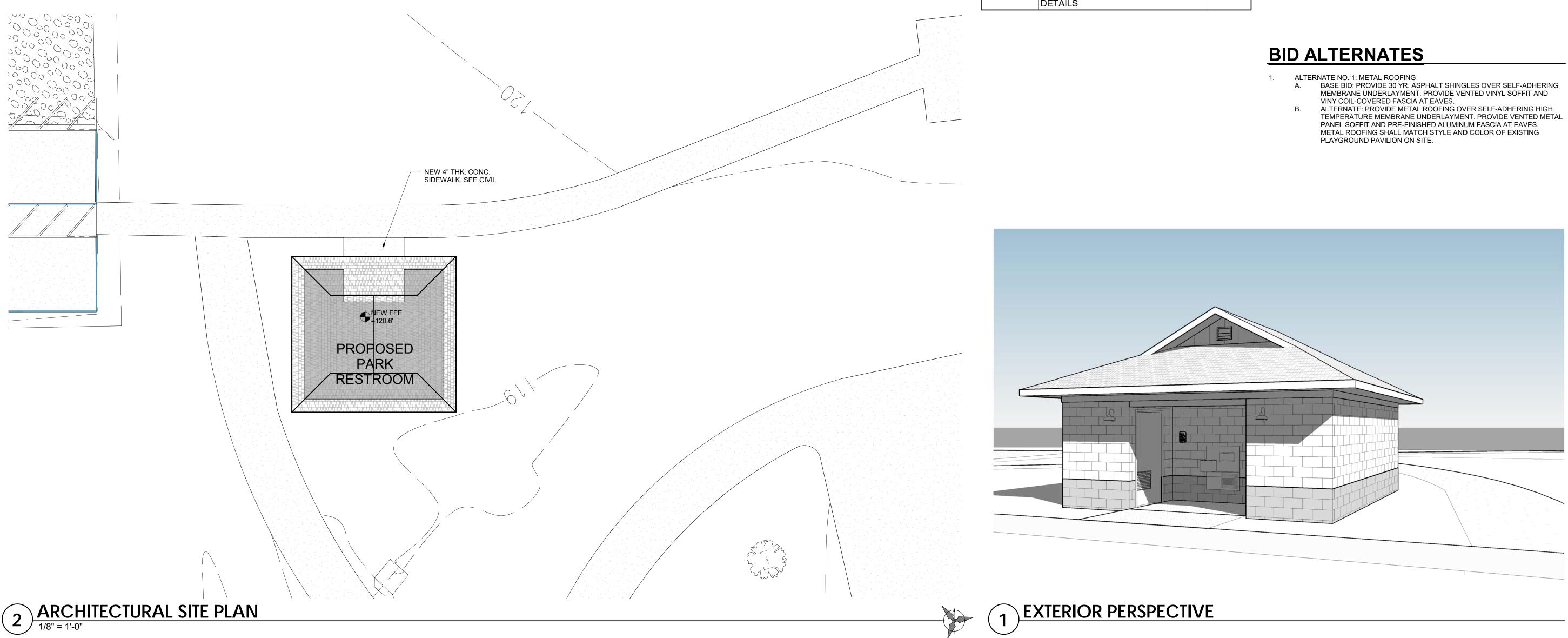
7820 Mobile Hwy. Pensacola, FL

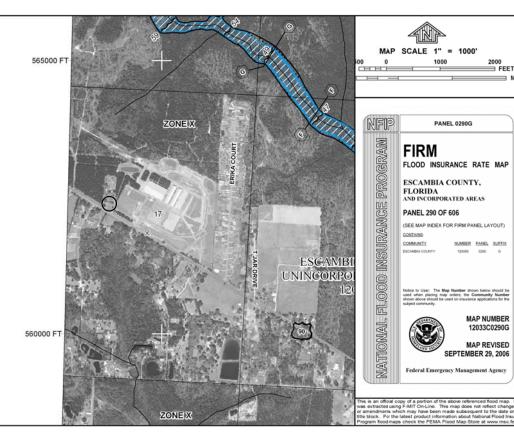




VICINITY MAP

SITE MAP





FEMA FLOOD MAP

	INDEX OF DRAWIN
Sheet Number	Sheet Title
General	-
G001	TITLE SHEET
Civil	
C1.0	EXISTING SITE, DEMOLITION EROSION CONTROL PLAN
C4.0	UTILITY PLAN
C4.1	UTILITY DETAILS
Structural	
S001	STRUCTURAL NOTES AND DIA
S101	FOUNDATION & ROOF FRAMII
Architectural	-
A101	PLANS AND ELEVATIONS
A301	BUILDING & WALL SECTIONS, SCHEDULES
Mechanical &	Plumbing
MP101	SCHEDULE, NOTES, PLANS, A
Electrical	
E101	ELECTRICAL PLAN, SCHEDUL DETAILS

BUILDING DATA

APPLICABLE CODES: 2017 FLORIDA BUILDING CODE

CONSTRUCTION TYPE: TYPE III-B: UNPROTECTED & UNSPRINKLERED

OCCUPANCY CLASSIFICATION: ASSEMBLY (A-5)

ZONED: RECREATIONAL

PHYSICAL PROPERTIES:

TOTAL SQUARE FOOTAGE:

BUILDING HEIGHT: NO. OF STORIES:

FLOOD ZONE: X

NGS Rev. # IAGRAMS ING э, AND JLES &

8.

10.

GENERAL NOTES

COMPLY WITH 2017 FBC 1609.1.2 REGARDING OPENING PROTECTION. TO THE BEST OF OUR KNOWLEDGE, THESE DRAWINGS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2017 EDITION CONTRACTOR TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE, AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES,

426 SF

15'-0"

- STANDARDS, REGULATIONS AND LAWS. ALL REFERENCED STANDARDS REFER TO THE EDITION IN FORCE AT THE TIME THESE ARE ISSUED.
- CONTRACTOR TO REVIEW ALL CONTRACT DOCUMENTS, DIMENSIONS AND SITE CONDITIONS AND COORDINATE WITH FIELD DIMENSIONS AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES IN WRITING TO ARCHITECT. DO NOT CHANGE SIZE OR DIMENSIONS OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE ARCHITECT OF RECORD.
- ANY DISCREPANCIES. OMISSIONS OR VARIATIONS NOTED IN THE CONSTRUCTION DOCUMENTS OR DISCOVERED DURING CONSTRUCTION SHALL BE IMMEDIATELY COMMUNICATED IN WRITING TO THE ARCHITECT FOR HIS REVIEW. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASSUMPTIONS OF CONSTRUCTION DOCUMENTS NOT VERIFIED IN WRITING BY THE ARCHITECT OF RECORD.
- PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE. EACH CONTRACTOR SHALL PROTECT HIS WORK, ADJACENT PROPERTY AND THE PUBLIC. EACH CONTRACTOR IS SOLELY RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLECT. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SAFETY AND
- CONSTRUCTION PROCEDURES. DO NOT SCALE DRAWINGS; USE DIMENSIONS.
- DETAILS LABELED "TYPICAL DETAILS" ON THE DRAWINGS APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ARCHITECT.

dalrymple | sall architecture 503 E. Government St. Pensacola, FL 32502 v: 850-470-6399 f: 850-470-6397 www.dalsal.com AR 0016385 THIS DOCUMENT SHOWS ORIGINAL AI UN-PUBLISHED WORK OF THE ARCHITEC AND MAY NOT BE DUPLICATED IN ANY PART WITHOUT WRITTEN CONSENT OF THE FIRM'S PRINCIPALS CERTIFICATION **PERMIT SET** estroom 2 ar Í' Regional obile 7820 Mc Pensa seulah Ď DRAWN BY: CHECKED B JSS GRM **ISSUE DATE:** 12/19/2017

REVISIONS: No. Desc.

Date

SHEET TITLE:



SHEET NO:



FOR 7820 MOBILE HIGHWAY PENSACOLA, FL 32526

SITE CONSTRUCTION PLANS **BEULAH PARK RESTROOM**

RBA PROJECT NO.: 2010.XXX

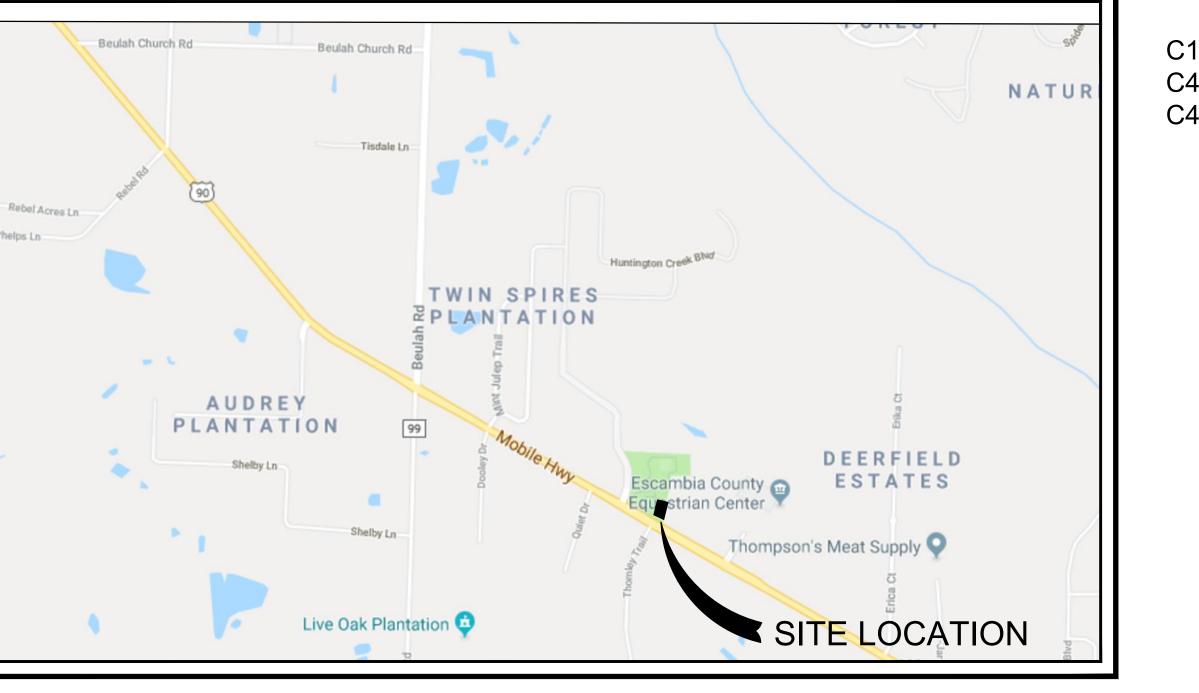
	SITE INFORMATION
OWNER:	ESCAMBIA COUNTY PARKS DEPARTMEN 1651 E. 9 MILE ROAD PENSACOLA, FLORIDA 32514 850.475.5220
DEVELOPER:	ESCAMBIA COUNTY PARKS DEPARTMEN 1651 E. 9 MILE ROAD PENSACOLA, FLORIDA 32514 850.475.5220
PROPERTY REFERENCE NO:	17-1S-31-2101-000-000
PROPERTY ADDRESS:	7820 MOBILE HIGHWAY
PROPERTY AREA:	0.51 ACRES
PROJECT AREA:	0.01 ACRES
PROPERTY ZONING:	REC
FUTURE LAND USE:	RECREATIONAL
PROPOSED ACTIVITY:	RESTROOM

Phelps Lr

FEMA F	LOOD INSUF	RANCE	RATE MA	P INFC	RMATION
					ING FLOOD ZONE(S) DESCRIBED BELOW:
FLOOD ZONE(S)	COMMUNITY No.	MAP No.	PANEL No.	SUFFIX	MAP REVISION DATE
Х	120080	12033C	0290	G	SEPT 29, 2006

CONT	ACTS
GULF POWER 5120 DOGWOOD DRIVE MILTON, FLORIDA 32570	CONTACT: CHAD SWAILS PHONE: 850.429.2446 FAX: 850.429.2432
COX CABLE 3405 McLEMORE DR. PENSACOLA, FLORIDA 32514	CONTACT: TROY YOUNG PHONE: 850.857.4510 FAX: 850.475.0621
ECUA 9255 STURDEVANT ST. PENSACOLA, FLORIDA 32514	CONTACT: MIKE LAMBERT PHONE: 850.969.3312
ENERGY SERVICES GAS 1625 ATWOOD DRIVE PENSACOLA, FLORIDA 32504	CONTACT: DIANE MOORE PHONE: 850.474.5319 FAX: 850.474.5331
AT&T, INC. 605 W. GARDEN STREET PENSACOLA, FLORIDA 32501	CONTACT: JONATHAN BLANKINCHIP PHONE: 850.436.1489
ESCAMBIA COUNTY PUBLIC WORKS 3363 WEST PARK PLACE PENSACOLA, FLORIDA 32501	CONTACT: MRS. JOHNNY PETTIGREW PHONE: 850.595.3404
MCI	PHONE: 800.624.9675
SUNSHINE UTILITIES	PHONE: 800.432.4770

December 14, 2017



VICINITY MAP SCALE: 1"=



REBOL-BATTLE & ASSOCIATES

Civil and Environmental Engineers

2301 N. Ninth Avenue, Suite 300 Pensacola, Florida 32503 Telephone 850.438.0400 Fax 850.438.0448 EB 00009657 LB 7916

			ERENCE NOTE	
	HALL BE INSERTED IN TH Y TO ECUA INFRASTRUCT			
EASEMENT; NOT TO BE APPLIE				
A. ECUA El	NGINEERING MANU	IAL INCORPORA	ATED BY REFER	ENCE
THE ECUA ENGINEERING MA	NUAL, DATED DECEMBE	R 18, 2014, ALON	G WITH UPDATE #	1 DATED SEPTEMBER
1, 2016 (HEREINAFTER "MAN				
REFERENCE INTO THIS PROJEC CONTRACTOR'S RESPONSIBILI				
THE PROJECT IN ACCORDANC	E WITH THE MANUAL. T	HE CONTRACTOR	SHALL PROVIDE IT	S EMPLOYEES ACCESS
TO THE MANUAL AT ALL TIME A CONFLICT BETWEEN THE M				
PROPER RESOLUTION.	ANOAL AND FLANS, CO	NTRACTOR SHALL		
	_			
B. ADDITIONAL DO	DCUMENTS (TO BE C	COMPLETED BY	THE ENGINEER	R OF RECORD)
DOES THIS PROJECT HAVE ADD THE MANUAL LISTED ABOVE?	ITIONAL TECHNICAL SPE	CIFICATIONS OR CO	NSTRUCTION DET	AILS THAT SUPERSEDE
■YES				
IF YES, CONTRACTOR SHALL CC LOCATED BELOW:	DNSTRUCT PROJECT IN AC	CORDANCE WITH S	SAID DOCUMENTS	AS LISTED AND
LOCATED BELOW:			1	AS LISTED AND
			1	
LOCATED BELOW:	DOCUMEN	ΙΤ ΤΥΡΕ	LC	DCATION
LOCATED BELOW: DOCUMENT NAME	DOCUMEN	IT TYPE DETAIL	PLANS	DCATION
LOCATED BELOW: DOCUMENT NAME	DOCUMEN	IT TYPE DETAIL	PLANS	DCATION

WARRANT THEIR PORTIONS OF THE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE MANUAL (UNLESS OTHERWISE DIRECTED BY THE ECUA PROJECT ENGINEER). THE FORS SHALL BE KNOWLEDGEARLE OF TH

INDEX OF DRAWINGS

C1.0 EXISTING SITE, DEMOLITION AND EROSION CONTROL PLAN C4.0 UTILITY PLAN C4.1 UTILITY DETAILS

LEGAL DESCRIPTION

BEG AT NW COR OF SEC N 89 DEG 32 MIN 30 SEC E ALG N LI OF SEC 1320 FT FOR POB CONTINUE SAME COURSE 3381 69/100 FT TO A POINT 614 FT W OF NE COR OF SEC S 2 MIN 30 SEC E PARL WITH E LI OF SEC 3280 29/100 FT TO NLY R/W OF STATE RD NO 10A N 62 DEG 13 MIN W ALG H/W 2139 33/100 FT N 47 MIN E 621 43/100 FT N 89 DEG 13 MIN W 140 FT S 47 MIN W 550 FT TO NLY R/W LI OF H/W N 62 DEG 13 MIN W ALG H/W 923 56/100 FT N 1 DEG 27 MIN E 675 23/100 FT S 73 DEG 34 MIN W 417 72/100 FT S 18 DEG 49 MIN W 319 75/100 FT TO NLY R/W LI OF H/W N 62 DEG 13 MIN W ALG H/W 54 6/100 FT N 2 MIN 30 SEC W 1470 81/100 FT TO POB LESS OR 2629 P 136 GIBBS OR 4480 P 184 LESS OR 4844 P 1181 RD R/W LESS OR 6262 P 212 CLASSIC HOMEBUILDERS INC LESS OR 6800 P 330 ECUA

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING "RELEASED FOR CONSTRUCTION" DRAWINGS FROM **REBOL-BATTLE & ASSOCIATES BEFORE BEGINNING** CONSTRUCTION. REBOL-BATTLE & ASSOCIATES WILL NOT BE **RESPONSIBLE FOR ANY CONSTRUCTION BASED ON PLANS** THAT HAVE NOT BEEN RELEASED FOR CONSTRUCTION.

E 30		HORIZONTAL SCALE	120
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		LEGEND	
		EXISTING ASPHALT	
	A	EXISTING CONCRETE	
	000000000000000	EXISTING GRAVEL	
			1,18
		DEMOLITION LINE	<u> </u>
		EXISTING CHAIN LINK FENCE EXISTING WOODEN FENCE	
· · · ·		BOUNDARY LINE	
		EASEMENT LINE	
	· · ·	LOT LINE	× \
		RIGHT-OF-WAY LINE	
	W `	WATER LINE	
>		SEWER LINE (GRAVITY)	
		FORCE MAIN	
OHU		OVERHEAD UTILITIES	
		BURIED TELEPHONE LINE	
		GAS LINE	
		BURIED ELECTRIC LINE	
		BURIED FIBER OPTIC CABLE BURIED TV LINE	C5. 7 26. 45.
		EXISTING CONTOUR	
		STRAW BALE	
\ \ \ \		SILT FENCE	
Ø UTILITY POLE	\	BENCHMARK	
☆ Light Pole	發	FIRE HYDRANT	
■ TELEPHONE BOX	WM	WATER METER	
🖄 GAS VALVE	Ň	WATER VALVE	
ት MAILBOX	0	CLEANOUT	
□ POST		SEWER MANHOLE	
+ STREET SIGN	_	STORMWATER MANHOLE	
- SIGN	(GUY ANCHOR	
			EXISTING WOOD
		CT LOCATION AND DEPTH OF EXISTING UTILITIES AND HE COURSE OF THE WORK AND TAKE WHATEVER STEF	то

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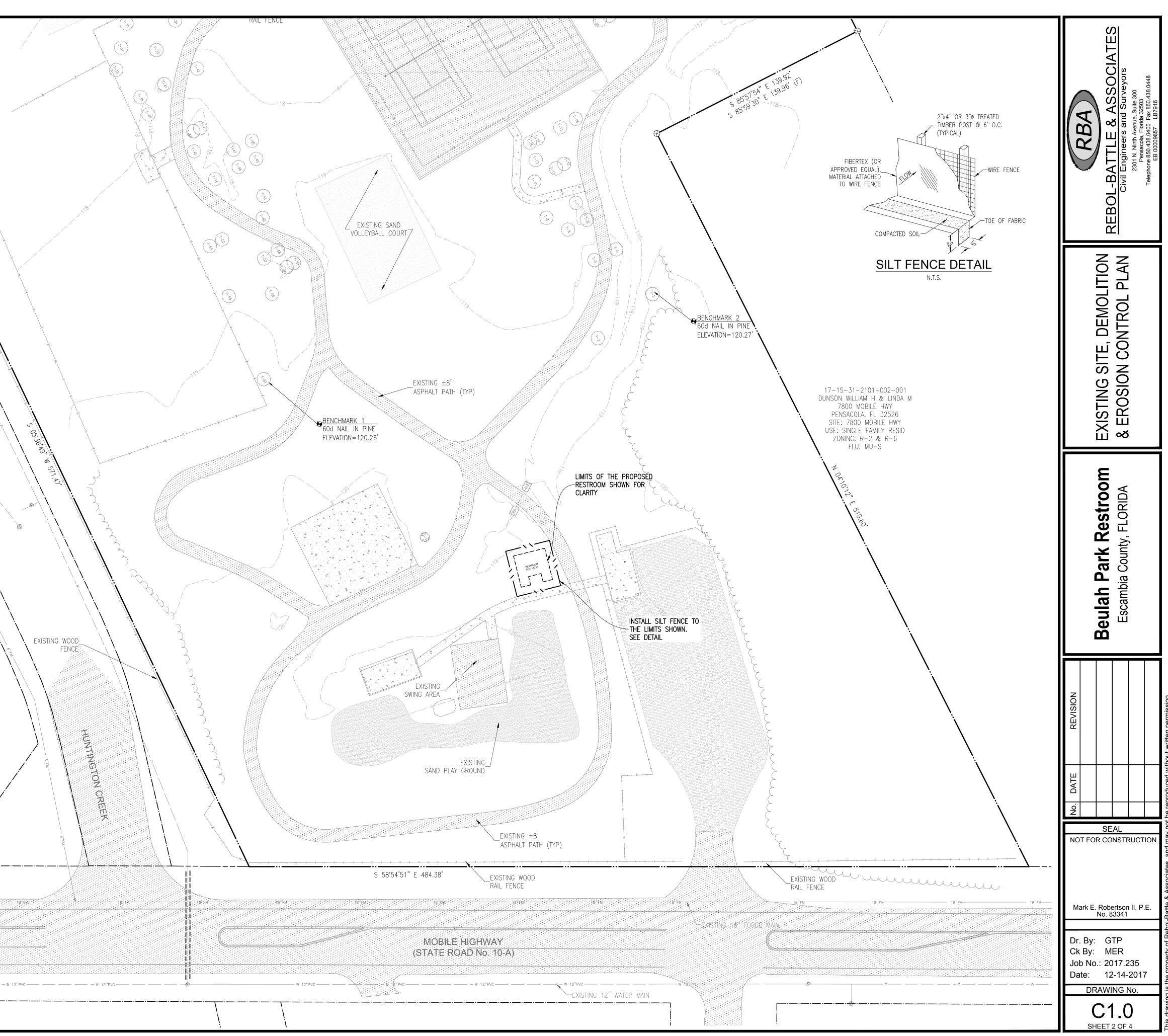
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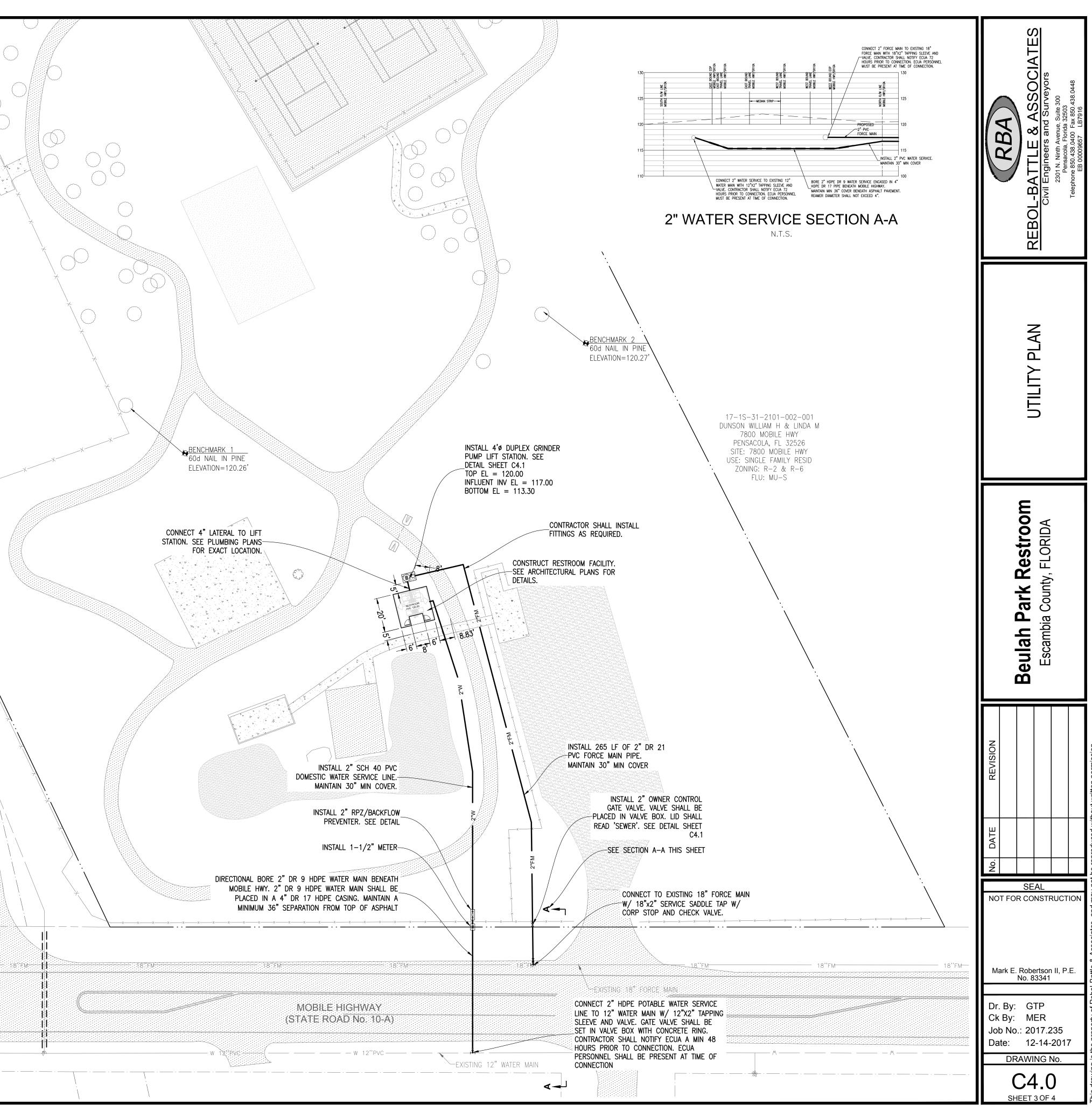
M

- 3. MAINTAIN 18 INCH MINIMUM VERTICAL SEPARATION BETWEEN ALL POTABLE WATER MAINS AND SANITARY SEWER GRAVITY LINES.
- (WATER ABOVE SEWER).
 4. ALL WATER AND SEWER WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ECUA ENGINEERING MANUAL.
 5. ADEQUATE PROVISIONS SHALL BE MADE FOR THE FLOW OF SEWERS, DRAINS AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.
- 6. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANIES 72 HOURS (3 BUSINESS DAYS) PRIOR TO BEGINNING CONSTRUCTION.
- 7. ALL NEW WATER AND SEWER SERVICE LINES SHALL HAVE A MINIMUM COVER OF 30 INCHES (MAXIMUM 36"), UNLESS
- OTHERWISE NOTED. 8. THE CONTRACTOR IS TO RESTORE ALL DISTURBED RIGHTS-OF-WAY IN ACCORDANCE WITH ESCAMBIA COUNTY AND THE ECUA
- AND FDOT GUIDELINES. 9. ALL CONNECTIONS TO THE ECUA WATER AND SEWER SYSTEM SHALL BE MADE WITH ECUA PERSONNEL PRESENT.
- 10. ANY REMOVAL OR RELOCATION OF ECUA WATER/SEWER UTILITIES MUST BE APPROVED IN WRITING PRIOR TO THE WORK BEING
- DONE.
- 11. THE LIFT STATION AND ON-SITE FORCE MAIN SHALL BE PRIVATELY OWNED, OPERATED, AND MAINTAINED. 12. ALL UTILITY IMPROVEMENTS WITHIN RIGHT-OF-WAY SHALL BE OWNED, OPERATED AND MAINTAINED BY ECUA.

<u>GENERAL NOTE:</u> THE CONTRACTOR SHALL HAVE ALL UTILITIES IN THE RIGHT-OF-WAY LOCATED PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF RECORD IF ANY CONFLICTS ARE ANTICIPATED.

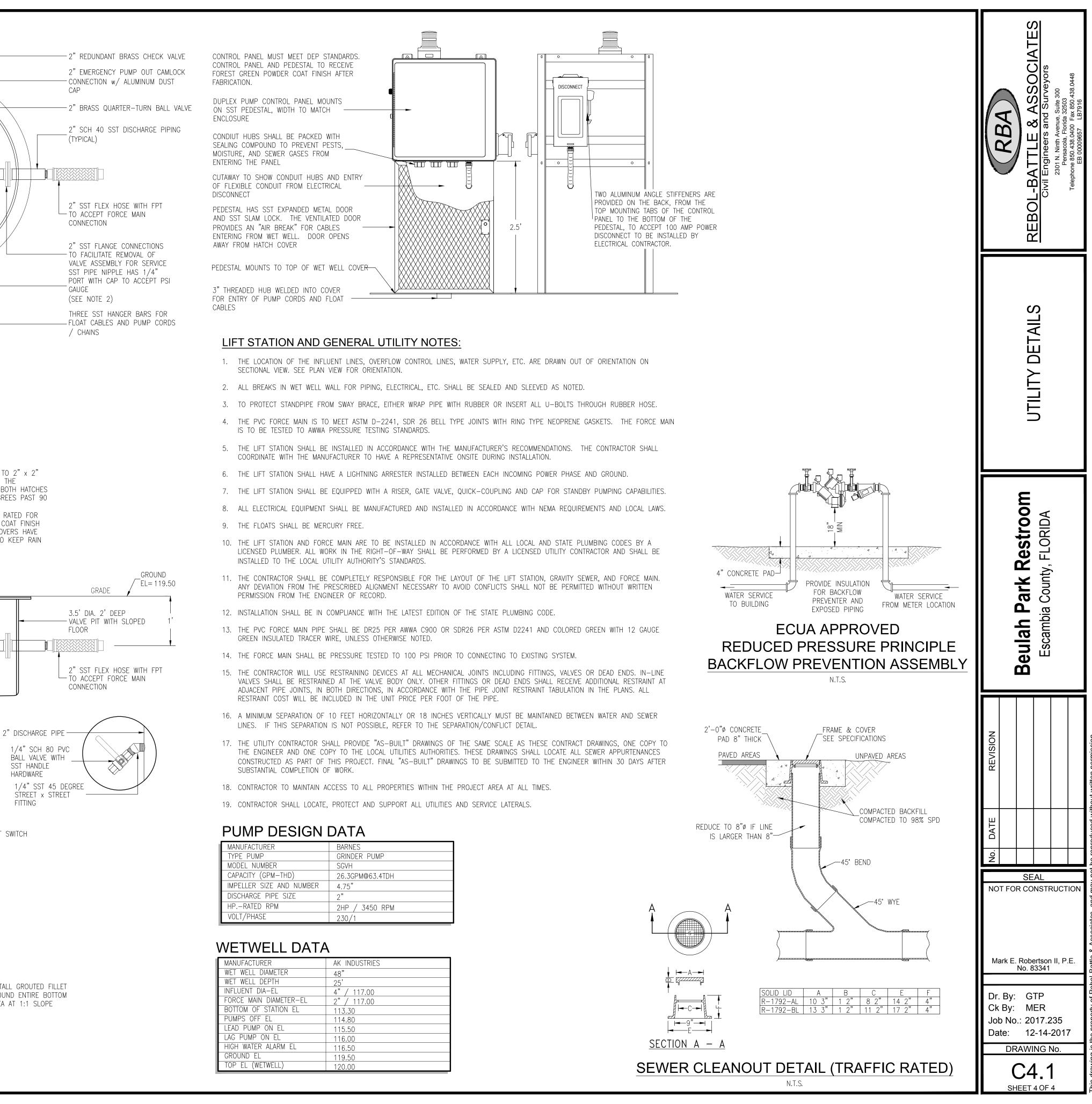


14	- 30	0 15	HORIZONTAL SCALE	120	
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			PROPOSED CONCRETE		
	()	- ()	EXISTING CHAIN LINK FENCE		
	XX	X	- EXISTING WOODEN FENCE		
			- EASEMENT LINE		
			LOT LINE	*	
			RIGHT-OF-WAY LINE		
		w	WATER LINE		
		>	SEWER LINE (GRAVITY)		
			- FORCE MAIN - OVERHEAD UTILITIES		
		——— BT ———	BURIED TELEPHONE LINE		
		G	GAS LINE		
		BE	BURIED ELECTRIC LINE		
		——— FOC ———	BURIED FIBER OPTIC CABLE		
	BENCHMARK	B⊺∨	- BURIED TV LINE FIRE HYDRANT		_X
	Ø UTILITY POLE	W	WATER METER		
	← GUY ANCHOR	×	WATER VALVE		
	☆ LIGHT POLE	0	CLEANOUT		
	TELEPHONE BOX	S	SEWER MANHOLE		
	🖄 GAS VALVE	0	STORMWATER MANHOLE		
1. IT IS AND BE E	<u>VOTES:</u> THE CONTRACTOR'S RESPONS DEPTH OF EXISTING UTILITIES ENCOUNTERED DURING THE CO	AND TO DETERM URSE OF THE W	INE IF OTHER UTILITIES WILL ORK AND TAKE WHATEVER		Ń
	S NECESSARY TO PROVIDE FO		TION. GULF POWER, OR ANY OTHER		\
utili1 Prot	TY COMPANIES HAVING JURISD TECTION OF EXISTING UTILITY F TR UTILITIES AS NECESSARY TO	ICTION FOR REMO POLES, AERIAL LI	OVAL/RELOCATION AND/OR NES, FIRE HYDRANTS, AND		$\langle \rangle$
			ECTED, PRESSURE TESTED, AND		. \\
BACTI AWWA	ERIOLOGICALLY CLEANED FOR A STANDARDS AND THE FLORII	SERVICE IN ACCO	ORDANCE WITH THE LATEST OF ENVIRONMENTAL PROTECTION		
	S AND REGULATIONS. WATER MAINS SHALL BE NSF		POTABLE WATER LISE		
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	S AND SANITARY SEWER GRAV TOP OF ALL CLEANOUTS SHAI	•	·	HUNTING	
NOT UTILIT	IN THE PAVEMENT, FLUSH WIT TIES SHALL BE CLEARLY MARK	"H THE FINISH GI (ED FOR FUTURE	RADE. CONNECTION POINTS FOR	GTON	
	RDINATE WITH THE PLUMBING WATER AND SEWER WORK SH/		DANCE WITH THE LATEST	OF FM	
EDITIC	ON OF THE ECUA ENGINEERIN	G MANUAL.	LOW OF SEWERS, DRAINS AND		
	R COURSES ENCOUNTERED D	JRING CONSTRUC	TION.		
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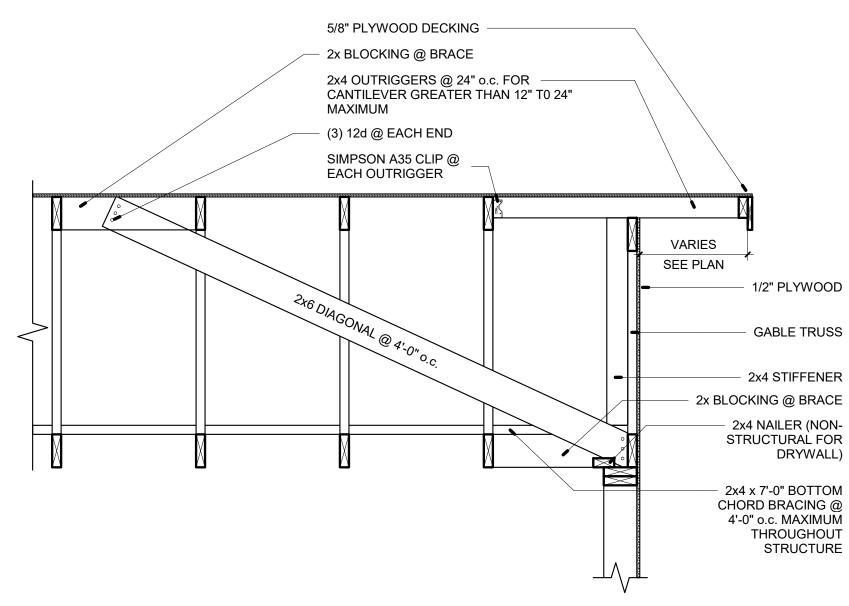
RAIL SUPPORT BRACKETS ARE FITTED WITH 2" SST ANGLE BRACES ANCHORED TOP EDGE OF HATCH FRAME ON EACH END 2" ALUMINUM ANGLE BRACKETS WELDED TO BOTTOM OF COVER -----(TYPICAL FOR 2) 2" THREADED HUB WELDED INTO COVER FOR 2" BANJO VENT CAP W/-12 MESH 304 SS SCREEN 3" THREADED HUB WELDED INTO COVER FOR ENTRY OF PUMP CORDS AND FLOAT CABLES INTO CONTROL PANEL PEDESTAL SLAM LOCK KEY WAY (TYPICAL) — "C" CHANNEL SST GUIDE RAIL SYSTEM WITH PUMP GUIDE BRACKETS, MOVEABLE FITTING ASSEMBLY AND THREE HORIZONTAL SUPPORT BRACKETS (TYP. FOR 2 PUMPS) SQUARE BOTTOM WITH 3" ANTI-FLOTATION FLANGE ø3.5' Ø4.0' NOTE: PUMP CONTROL TWO ALUMINUM ANGLE STIFFENERS ARE PROVIDED ON PANEL MUST MEET DEP THE BACK, FROM THE TOP MOUNTING TABS OF THE - CONTROL PANEL TO THE BOTTOM OF THE PEDESTAL, TO STANDARDS ACCEPT 100 AMP POWER DISCONNECT TO BE INSTALLED BY ELECTRICAL CONTRACTOR. DUPLEX PUMP CONTROL PANEL MOUNTS ON SST PEDESTAL, WIDTH TO MATCH _____ ENCLOSURE (SEE DETAIL) PEDESTAL SHALL BE 32" HIGH, SST SST HATCH "HOLD OPEN CHAINS" BOLT TO 2" x 2" EXPANDED METAL DOOR WITH SST SLAM ALUMINUM ANGLE BRACKETS WELDED TO THE LOCK OPENS AWAY FROM HATCH COVER UNDERSIDE OF HATCH. CHAINS ALLOW BOTH HATCHES (SEE DETAIL) TO BE HELD OPEN AT APPROX. 10 DEGREES PAST 90 DEGREES 3" THREADED HUB WELDED INTO COVER 1/4" ALUMINUM DIAMOND PLATE TOP IS RATED FOR FOR ENTRY OF PUMP CORDS AND FLOAT -300 psf. WITH FOREST GREEN POWDER COAT FINISH CABLES - APPLIED AFTER FABRICATION. HATCH COVERS HAVE 100° SST SLAM LOCKS AND ARE GASKETED TO KEEP RAIN 2" THREADED HUB WELDED INTO WATER OUT AND ODOR IN. COVER FOR 2" BANJO VENT CAP W/----12 MESH 304 SS SCREEN TOP OF STATION EL= 120.00 2" ALUMINUM ANGLE BRACKETS WELDED TO BOTTOM OF COVER -(TYPICAL FOR 2) UPPER RAIL SUPPORT BRACKET WITH 2" SST ANGLE BRACES ANCHORED TO TOP EDGE OF HATCH FRAME ON EACH END 2" 90-DEGREE DISCHARGE ELBOW WITH WATERMAN AIR RELEASE VALVE (TYP. FOR -----2) 2" PVC DRAIN W/2" DISCHARGE PIPE TAPPED FOR 1/4" SCH KING CHECK VALVE. 80 PVC BALL VALVE WITH SST HANDLE FOR RECIRC, ANTI-SIPHON, AND AIR RELEASE (SEE DETAIL) INFLUENT LINE 6.7' 2" SCH 40 SST DISCHARGE 4"/117.00 PIPING (TYPICAL) -HIGH WATER ALARM LEVEL FLOAT SWITCH EL = 116.50- LAG PUMP ON FLOAT SWITCH SST LIFT CHAIN (TYP. FOR 2 PUMPS)-EL = 116.00MOVEABLE FITTING ASSEMBLY WITH LEAD PUMP ON FLOAT SWITCH FLAPPER-STYLE CHECK VALVE EL = 115.50يول ايم - PUMPS OFF FLOAT SWITCH BARNES MODEL SGVH / 2HP / 3450 RPM EL = 114.80GRINDER PUMP ----(TYP. FOR 2) TS ZE LOWER GUIDE BRACKET FASTENS TO PUMP-LOWER RAIL SUPPORT BRACKET 2" SST ANGLE BRACES ANCHOR TO WET-WELL BOTTOM OF STATION EL= 113.30 CONCRETE ANTI-FLOATATION RING-TYPE 57 LIMEROCK-STABILIZATION MATERIAL



MANUFACTURER	BARNES
TYPE PUMP	GRINDER PUMP
MODEL NUMBER	SGVH
CAPACITY (GPM-THD)	26.3GPM@63.4TDH
IMPELLER SIZE AND NUMBER	4.75"
DISCHARGE PIPE SIZE	2"
HPRATED RPM	2HP / 3450 RPM
VOLT/PHASE	230/1

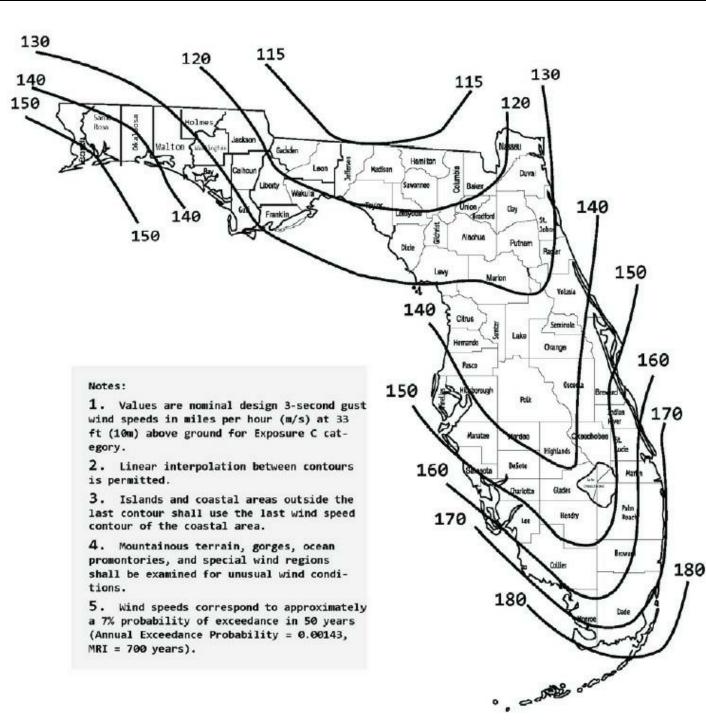
· · · · · · · · · · · · · · · · · · ·	
MANUFACTURER	AK INDUSTRIES
WET WELL DIAMETER	48"
WET WELL DEPTH	25'
INFLUENT DIA-EL	4" / 117.00
FORCE MAIN DIAMETER-EL	2" / 117.00
BOTTOM OF STATION EL	113.30
PUMPS OFF EL	114.80
LEAD PUMP ON EL	115.50
LAG PUMP ON EL	116.00
HIGH WATER ALARM EL	116.50
GROUND EL	119.50
TOP EL (WETWELL)	120.00

INSTALL GROUTED FILLET -AROUND ENTIRE BOTTOM AREA AT 1:1 SLOPE

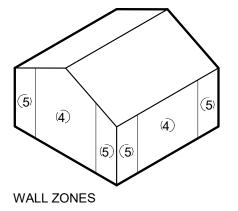


GABLE END DETAIL

FLORIDA WIND SPEED MAP; RISK CATEGORY II

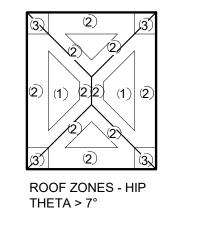


TYPICAL EDGE STRIP WIDTH EQUALS 3'-0"



nt and		
Vind F		0
Surfac 10 sf		e (psf) 100 sf
-36.1 -62.8 -92.8 22.7 -73.5	-33.7 -51.1 -78.8 18 -73.5	-32.7 -46.1 -72.8 16.0 -73.5
-123.6	-95.5	-83.5
Surfac	e Pressure	e (psf)
10 sf	100 sf	500 sf
-42.7 -52.8 39.4	-36.8 -41.0 33.5	-32.7 -32.7 29.4
	Surface 10 sf -36.1 -62.8 -92.8 22.7 -73.5 -123.6 Surface 10 sf -42.7 -52.8 39.4	-36.1 -33.7 -62.8 -51.1 -92.8 -78.8 22.7 18 -73.5 -73.5 -123.6 -95.5 Surface Pressure 10 sf 100 sf -42.7 -36.8 -52.8 -41.0

(3)	(2)	(3)	(<u>3</u>)	(<u>2</u>)	(<u>3</u>)
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(3)	(\mathbf{n})	(3)	(3)	(2)	(3)



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ALL EDGES OF WALL SHEATHING ARE BLOCKED. ALI
OF ROOF SHEATHING ARE BLOCKED IN ZONES 2 ANI
ALL EDGES OF WALL SHEATHING ARE BLOCKED. ALL OF ROOF SHEATHING ARE BLOCKED IN ZONES 2 ANI ORIENT WALL SHEATHING HORIZONTALLY. ROOF SH
SHALL BE FASTENED W/ RING SHANK NAILS.

SHEATHING NAILING REQUIREMENTS							
ZONE	NAIL SIZE	SPACING	LOCATIC				
1	8d	6"	PERIMET				
I I	8d	6"	FIELD				
2	8d	4"	PERIMET				
2	8d	8"	FIELD				
3	8d	4"	FIELD & PERI				
4	8d	6"	PERIMET				
4	8d	10"	FIELD				
5	8d	6"	PERIMET				
5	8d	6"	FIELD				
OVERHANG	8d	4"	FIELD & PERI				

ULTIMATE WIND PRESSURE TABLE NOTE LINEAR INTERPOLATION FOR INTERMEDIATE VALUES OF EFFECTIVE AREAS IS ACCEPTABLE. OTHERWISE; USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.

ULTIMATE WIND LOAD PRESSURES ARE FOR USE IN LOAD COMBINATIONS LISTED IN FBC 2017 AND ASCE 7-10. THESE COMBINATIONS ARE LISTED IN FBC SECTION 1605 AND INCLUDE A WIND LOAD FACTOR OF 0.6 USING ALLOWABLE STRESS DESIGN. THEREFORE, ULTIMATE PRESSURES LISTED IN THE LOAD TABLE MAY BE REDUCED 40% WHEN USING ALLOWABLE STRESS DESIGN. REDUCED LOADS ARE THE "WORKING LOADS."

GENERAL NOTES

- TO THE BEST OF OUR KNOWLEDGE, THE STRUCTURAL PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2017 EDITION
- THE STRUCTURAL DOCUMENTS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DOCUMENTS. USE THESE NOTES IN CONJUNCTION WITH THE
- SPECIFICATIONS. IF A CONFLICT EXISTS, THE MORE STRINGENT GOVERNS. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF
- OPENINGS IN STRUCTURE NOT SHOWN ON STRUCTURAL DRAWINGS. REVISIONS ARE IDENTIFIED BY A REVISION NUMBER WITHIN A TRIANGLE. ALL REVISIONS ISSUED ON A SINGLE DATE WILL BE IDENTIFIED BY THE SAME

40 PSF

10 PSF

20 PSF

20 PSF

10 PSF

ENCLOSED

FBC 2017 ASCE 7-10

150 MPH ULTIMATE

REVISION NUMBER ISSUED CONSEQUENTLY

DESIGN LOADS AND CRITERIA: FLOOR LIVE LOAD FLOOR DEAD LOAD PARTITION LOAD ROOF LIVE LOAD ROOF DEAD LOAD

1/2" PLYWOOD

GABLE TRUSS

2x4 STIFFENER

DRYWALL)

THROUGHOUT

STRUCTURE

WIND CRITERIA **RISK CATEGORY:** BASIC WIND SPEED EXPOSURE CATEGORY STRUCTURE TYPE INTERNAL PRESSURE COEFF. +/- 0.18

WOOD FRAMING AND SHEATHING

- OSB IS NOT CONSIDERED AN ACCEPTABLE SUBSTITUTE FOR PLYWOOD SHEATHING. ALL WOOD IN CONTACT WITH CONCRETE, CONCRETE BLOCK, OR EXPOSED TO EXTERIOR ELEMENTS AND LEFT UNFINISHED SHALL BE PRESSURE TREATED
- DO NOT PAINT PRESSURE TREATED WOOD WHEN MOISTURE CONTENT IS
- ABOVE 19% ALL STRUCTURAL GRADE LUMBER SHALL BE SOUTHERN YELLOW PINE, No. 2
- GRADE OR BETTER NOTCHES ON THE END OF JOISTS SHOULD NOT EXCEED ONE FOURTH OF THE JOIST DEPTH. HOLES BORED IN JOISTS SHALL NOT BE WITHIN 2" OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER OF ANY SUCH HOLE SHALL NOT EXCEED ONE THIRD THE DEPTH OF THE JOIST. NOTCHES IN THE TOP OR BOTTOM OF THE JOIST SHALL NOT EXCEED ONE SIXTH THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE THIRD OF THE SPAN.
- JOISTS SHALL BE SUPPORTED LATERALLY AT THE ENDS AND AT EACH SUPPORT BY SOLID BLOCKING EXCEPT WHERE THE ENDS OF A JOIST ARE NAILED TO A HEADER, BAND OR RIM JOIST OR TO AN ADJOINING STUD OR BY OTHER MEANS. BLOCKING SHALL NOT BE LESS THAN 2" IN THICKNESS AND THE FULL DEPTH OF THE JOIST.

PRE-ENGINEERED WOOD TRUSSES

- WOOD STUD TRUSSES AND REQUIRED BRACING SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA AND EXPERIENCED IN THE DESIGN OF PRE-ENGINEERED WOOD STRUCTURES. THE ENGINEER SHALL SEAL, SIGN, AND DATE THE SHOP DRAWINGS AND CALCULATIONS.
- DESIGN SHALL BE IN ACCORDANCE WITH ANSI/TPI 1-2002 "National Design Standard for Metal Plate Connected Wood Truss Construction"
- TOP AND BOTTOM CHORDS SHALL BE PROVIDED WITH THE SHAPES AND CONFIGURATIONS INDICATED ON THE DRAWINGS. ARRANGEMENT OF WEB MEMBERS TO BE AT THE DISCRETION OF THE SPECIALTY DESIGN ENGINEER. AT TRUSS JOINTS, CENTERLINES OF MEMBERS SHALL INTERSECT AT A COMMON POINT OR ECCENTRICITIES SHALL BE CONSIDERED IN THE DESIGN
- THE WOOD JOIST & TRUSS FABRICATORS SHALL SUBMIT CERTIFIED LETTERS TO THE ARCHITECT STATING THAT HE HAS RECEIVED SPRINKLER DRAWINGS. THE WOOD JOIST & TRUSS FABRICATORS SHALL DESIGN THEIR PRODUCTS FOR LOADING IMPOSED BY SPRINKLER MAIN SUPPLY LINES AND BRANCHES. THE WOOD JOIST & TRUSS FABRICATORS SHALL BE SOLELY RESPONSIBLE FOR THE ADEQUACY OF THE JOIST & TRUSS DESIGNS RESPECTFULLY. IF SPRINKLER DRAWINGS ARE NOT AVAILABLE, THE JOIST & TRUSS FABRICATORS SHALL USE A DESIGN LOAD OF 3 PSF APPLIES AS UNIFORM OR CONCENTRATED LOADS WHICH CAN BE SUPPORTED BY THEIR SYSTEMS
- TRUSSES SHALL BE DESIGNED FOR THE DEAD WEIGHT OF THE TRUSSES AND BRACING PLUS THE LOADS GIVEN IN NOTE 4 OF THE GENERAL NOTES. TRUSS STORAGE, HANDLING, RESTRAINING AND BRACING SHALL BE PER
- BUILDING COMPONENT SAFETY INFORMATION GUIDELINES AS PRODUCED BY THE TRUSS PLATE INSTITUTE.

CONCRETE MASONRY

- ALL MASONRY WORK IS TO CONFORM TO ACI 530 AND 530.1 USE CONCRETE MASONRY UNITS CONFORMING TO ASTM C90. PROVIDE fm OF 1500 PSI (UNIT STRENGTH 1900 PSI). PERFORM fm AND C90 COMPLIANCE BY UNIT TEST METHOD. USE ONLY MASONRY UNITS THAT ARE A MIN. OF 50% OF SOLID.
- USE TYPE "S" MORTAR IN ACCORDANCE WITH ASTM C270. USE 3/8" FULL-BEDDED JOINTS FOR ALL MASONRY UNITS. REMOVE MORTAR PROTRUDING INTO CELL CAVITIES THAT ARE TO BE REINFORCED AND GROUTED. ALLOW A MIN. OF 24 HOURS FOR MORTAR TO CURE BEFORE PLACING GROUT.
- USE ALL GROUT CONFORMING TO ASTM C-476 WITH A MIN. COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS. TESTED IN ACCORDANCE WITH ASTM C1019. AGGREGATE TO CONFORM TO ASTM C404 FOR COARSE GROUT AND
- SLUMP OF 8" TO 11". FOR REINFORCED MASONRY USE STANDARD (9 GAGE CROSS AND SIDE RODS) LADDER TYPE HORIZONTAL JOINT REINFORCING IN EVERY OTHER COURSE UNLESS NOTED OTHERWISE. USE PREFABRICATED CORNERS AND TEES AT WALL INTERSECTIONS. OVERLAP DISCONTINUOUS ENDS A MIN. OF 12". HORIZONTAL REINFORCING SHALL CONFORM TO ASTM A-82.
- USE ASTM A-615 GRADE 40 REINFORCING STEEL. USE PRESSURE-TREATED WOOD FOR ALL WOOD IN CONTACT WITH MASONRY.

SHALLOW FOUNDATIONS

- FOUNDATION DESIGN IS BASED ON AN ASSUMED ALLOWABLE SOIL BEA CAPACITY OF 1,500 PSF FOR FOOTINGS. SOIL COMPACTION SHALL BE FIELD CONTROLLED BY A SOILS ENGINEER 2.
- TESTING LABORATORY. THE CONTRACTOR IS RESPONSIBLE FOR THE DISPOSAL OF ALL ACCUMULATED WATER FROM EXCAVATIONS AND DEWATERING
- OPERATIONS IN SUCH A WAY AS NOT TO CAUSE INCONVENIENCE TO TH WORK AND DAMAGE TO THE STRUCTURAL ELEMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN
- ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT COMPACTED FILL UNDER SLABS, CONCRETE APRONS, PATIO PAVERS, A OTHER NON-PERVIOUS SURFACES TO RECEIVE AN APPROVED TERMITE
- **SLABS ON GRADE**

TREATMENT PER FBC 2304.12

- FOR SLABS ON GRADE, REINFORCE WITH W1.4xW1.4 / 6x6 WWF REINFORCEMENT. PLACE IN CENTER OF SLAB THICKNESS.
- USE 10 MIL. POLYETHYLENE SHEETING BETWEEN SOIL AND CONCRETE SLAB. UNLESS NOTED OTHERWISE PLACE CRACK CONTROL JOINTS AT 12 FT. MAX. SO AS TO LIMIT CONCR PLACEMENT AREAS TO 144 SQ. FT. MAX. IN ALL FLOATING SLABS ON GRA
- DO NOT EXCEED A 2 TO 1 WIDTH TO LENGTH RATIO. CONTRACTOR MAY ELECT TO SUBMIT A CONTROL JOINT LAYOUT FOR ARCHITECT'S REVIEW PRIOR TO CONCRETE PLACEMENT **EXTERIOR WALKING SURFACES - MEDIUM BROOM** SLAB FINISHES:
 - DRIVING SURFACES MEDIUM BROOM **INTERIOR SURFACES - STEEL TROWEL**

REINFORCED CONCRETE

- USE STRUCTURAL CONCRETE AND CONCRETING PRACTICES CONFORMING TO ACI-316 AND 301 AND PROPORTION CONCRETE IN ACCORDANCE WITH ACI-318 CH. 4 AND MEETING A MIN. ULTIMATE COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:
 - FOOTING 3000 PSI GRADE BEAMS 3000 PSI POURED WALLS 5000 PSI ***

5000 PSI ***

5000 PSI ***

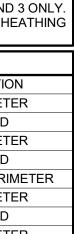
5000 PSI ***

- COLUMNS
- **BEAMS & ELEVATED SLABS** ALL OTHER CONCRETE
- *** UNLESS NOTED OTHERWISE WHERE CONCENTRATION OF REINFORCING STEEL HINDERS PROPER CONSOLIDATION OF CONCRETE, USE CONCRETE CONTAINING A
- SUPERPLASTICIZING (N.R.W.R.) ADMIXTURE, ASTM C494 TYPE F. SLUMP AFTER ADDITION OF SUPERPLASTICIZER SHALL BE 7"±1" IF CONCRETE IS PUMPED, SLUMP MAY BE INCREASED TO 6" AT THE TRUCK, PROVIDED THE SLUMP SPECIFIED IN NOTE 2 IS MAINTAINED AT THE DISCHARGE END. USE A MINIMUM 4-INCH PUMP, UNLESS PRE-APPROVED BY ARCHITECT. TAKE CONCRETE SAMPLES FOR SLUMP AT TRUCK AND AT DISCHARGE END.
- USE ASTM A-615 GR. 40 REINFORCING STEEL IN ALL RESIDENTIAL WORK & GR. 60 REINFORCING STEEL IN ALL COMMERCIAL WORK, CONFORM TO ACI-301, ACI-315, ACI-318, AND CRSI "MANUAL OF STANDARD PRACTICE". ALL REINFORCING SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE WITH BAR SUPPORTS AND SPACERS IN ACCORDANCE WITH THE ABOVE REQUIREMENTS. PROVIDE CLASS 'B' LAP SPLICE FOR CONTINUOUS BARS, UNLESS NOTED OTHERWISE. LAP BOTTOM STEEL OVER SUPPORTS AND TOP STEEL AT MIDSPAN UNLESS OTHERWISE SPECIFIED. HOOK DISCONTINUOUS ENDS OF ALL TOP BARS AND ALL BARS IN WALLS, UNLESS NOTED OTHERWISE. USE 1" COVER OVER REINFORCING EXCEPT AS FOLLOWS:

	BOTTOM	TOP	SIDES
FOOTING/PILECAP	3"	2"	3"
BEAMS (U.O.N.)	1 1/2"	1 1/2"	1 1/2"
COLUMNS	-	-	1 1/2"
SLABS ON GROUND	2"	1"	2"
SLABS (OTHER THAN ON GRO	OUND) 1"	1"	1"
POURED WALLS RETAINING I	FILL -	-	2"
POURED WALLS ABOVE GRO	UND -	-	1 1/2"

- USE PLAIN, COLD-DRAWN ELECTRICALLY-WELDED STEEL WIRE FABRIC CONFORMING TO ASTM A-185. SUPPLY IN FLAT SHEETS ONLY. LAP SPLICES SHALL BE MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET AND SHALL BE NOT LESS THAN TWICE THE SPACING OF THE CROSS WIRES PLUS TWO (2) INCHES. SLEEVE ALL PIPES THROUGH SLABS INDIVIDUALLY, UNLESS APPROVED BY ARCHITECT. WHERE PIPES OR DUCTS PENETRATE SLABS, A MAX. OF TWO BARS EACH WAY MAY BE CUT, PROVIDED SPLICE BARS ARE PLACED ALONGSIDE OPENING WITH EQUIVALENT AREA TO THE CUT BARS, WITH 36-BAR-DIA, LAP, PLACE ALL
- **OPENINGS LARGER THAN 6" NOT SHOWN ON STRUCTURAL** DRAWINGS AND ALL CONDUITS IN SLABS IN ACCORDANCE WITH ACI-318 CH. 6.3. PROVIDE 1 #5 X 6' EACH WAY PLACED DIAGONALLY AT MID-DEPTH AROUND ALL OPENINGS LARGE THAN 12", U.O.N.

L EDGES



TER RIMETER

 THE FOLLOWING REQUIREMENTS IN NO WAY REDUCE OR LIMIT ANY ADDITIONAL REQUIREMENTS OF SPECIFICATIONS. REVIEW OF SUBMITTALS BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AS PRESENTED BY THE CONTRACT DOCUMENTS. NO DETAILED CHECK OF QUANTITIES OR DIMENSIONS WILL BE MADE. ONLY THOSE SHOP DRAWINGS REQUIRED BY THE CONTRACT DOCUMENTS TO BE SUBMITTED WILL BE REVIEWED. ALL OTHERS WILL BE RETURNED WITHOUT COMMENT. IN ACCORDANCE WITH THE SPECIFICATIONS, SUBMIT A COPY OF THE SHOP DRAWING SUBMITTAL REGISTER TO THE STRUCTURAL ENGINEER, SHOWING DATES OF SUBMITTAL FOR EACH SPECIFIC STRUCTURAL SECTION OF THE WORK, CONSISTENT WITH THE FOR TRANSIT AND PROCESSING BEFORE FABRICATION. THE STRUCTURAL ENGINEER WILL REVIEW AN AVERAGE SUBMITTAL WITHIN 10 WORKING DAYS OF RECEIPT BY THEM. SCHEDULE AND SUBMIT SHOP DRAWINGS FOR SPECIFIC COMPONENTS, SUBMITTAL WITHIN 10 PROCESSING SPECIFIC COMPONENTS, 	dalryr
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FABRICATION. THE STRUCTURAL ENGINEER WILL REVIEW AN AVERAGE SUBMITTAL WITHIN 10 WORKING DAYS OF RECEIPT BY THEM. B. SCHEDULE AND SUBMIT SHOP DRAWINGS FOR SPECIFIC COMPONENTS,	dalry
B. SCHEDULE AND SUBMIT SHOP DRAWINGS FOR SPECIFIC COMPONENTS,	_
SUCH AS COLUMNS, FOOTINGS, ETC., IN THEIR ENTIRETY. SHOP DRAWINGS FOR SIMILAR FLOORS SHALL BE SUBMITTED IN THE SAME PACKAGE.	503 E. Pensi V:
C. SUBMIT SHOP DRAWINGS IN A TIMELY MANNER, CONSISTENT WITH THE ABOVE REQUIREMENTS.	f: 8
4. ALL CHANGES AND ADDITIONS MADE ON RESUBMITTALS MUST BE CLEARLY FLAGGED AND NOTED. THE PURPOSE OF THE RESUBMITTALS MUST BE	ww A
CLEARLY NOTED ON THE LETTER OF TRANSMITTAL. ARCHITECT / ENGINEER	,
 REVIEW WILL BE LIMITED TO THE ITEMS CAUSING THE RESUBMITTAL. 5. DO NOT REPRODUCE THE CONTRACT DOCUMENTS FOR USE AS SHOP DRAWINGS. 	This docum UN-Publishe And May N Part With
 SHOP DRAWINGS NOT MEETING THE ABOVE CRITERIA OR SUBMITTED AFTER FABRICATION WILL NOT BE REVIEWED AND WILL BE RETURNED WITHOUT COMMENT. 	THE
7. RESPONSIBILITIES OF DETAILERS AND FABRICATORS: .	

CONNECTIONS, AND ACCESSORY ITEMS. THE DETAILER MUST INTERPRET THE CONTRACT DOCUMENTS AND CLEARLY CONVEY THIS INTERPRETATION TO THE FIELD IN THE FORM OF PLACING OR ERECTION DRAWINGS.

CONCRETE REINFORCING DETAILER- PROVIDE PLACING DRAWINGS FOR FABRICATION AND PLACING OF REINFORCING STEEL. THESE DRAWINGS SHALL INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: BAR LISTS, SCHEDULES, BENDING DETAILS, PLACING DETAILS, PLACING PLANS, AND PLACING ELEVATIONS.

CLEARLY SHOW ELEVATIONS OF ALL BEARING AND SHEAR WALLS. INDICATE CONTROL JOINTS, EXPANSION JOINTS, LINTELS, CONCRETE BOND BEAMS, AND OPENINGS, DETAILS OF ALL REINFORCING WITH LOCATIONS OF SPLICES AND HOOKS, PILASTERS

CLEARLY SHOW BEAM ELEVATIONS AND SECTIONS. INDICATE BAR LENGTHS, HOOKS, STIRRUP SPACING, LAP SPLICES, OFFSETS, AND LOCATION OF BARS WITH RESPECT TO ALL SUPPORTS. CLEARLY SHOW COLUMN ELEVATIONS AND SECTIONS. INDICATE

DOWELS, OFFSETS, LAP SPLICES, AND TIES. PLAN SECTIONS OF ALL COLUMNS MUST CLEARLY BE SHOWN. CLEARLY SHOW ELEVATION, SECTIONS, AND DETAILS OF ALL BEAM TO COLUMN CONNECTIONS.

CLEARLY SHOW FOUNDATION REINFORCING. INDICATE BAR LENGTHS, LOCATION AND SPLICES OF CONTINUOUS BARS, AND BAR SUPPORTS

CLEARLY SHOW LOCATIONS OF ALL DOWELS ON PLAN. INDICATE FOOTING STEP LOCATIONS AND PROVIDE DETAILS. FOR ADDITIONAL CRITERIA APPLICABLE TO SHOP DRAWINGS REQUIRING ENGINEERING INPUT BY A SPECIALTY ENGINEER, SEE BELOW.

SHOP DRAWINGS REQUIRING **ENGINEERING INPUT BY SPECIALTY ENGINEER**

DEFINITION -1.

- A. A FLORIDA REGISTERED PROFESSIONAL ENGINEER WHO SPECIALIZES IN AND WHO UNDERTAKES THE DESIGN OF STRUCTURAL COMPONENTS OR STRUCTURAL SYSTEMS INCLUDED IN A SPECIFIC SUBMITTAL PREPARED FOR THIS PROJECT. SHALL BE:
- AN EMPLOYEE OR OFFICER OF A FABRICATOR.
- AN EMPLOYEE OR OFFICER OF AN ENTITY SUPPLYING
- COMPONENTS TO A FABRICATOR. AN INDEPENDENT CONSULTANT RETAINED BY THE FABRICATOR OR HIS SUPPLIER.

2 THE FOLLOWING SYSTEMS AND COMPONENTS AS A MINIMUM REQUIRE FABRICATION AND ERECTION DRAWINGS WITH INPUT BY A SPECIALTY ENGINEER: PRE-ENGINEERED WOOD ROOF TRUSSES. THE SPECIALTY ENGINEER OR MANUFACTURER SHALL DESIGN, PROVIDE,

AND INSTALL THEIR COMPONENTS AND THE COMPONENT CONNECTIONS TO THE PRIMARY STRUCTURE PER THE WIND CRITERIA STATED IN THE GENERAL NOTES ON THIS SHEET OR THE CURRENT GOVERNING BUILDING CODES, WHICHEVER IS MORE STRINGENT. SUBMITTALS SHALL CLEARLY IDENTIFY THE SPECIFIC PROJECT AND

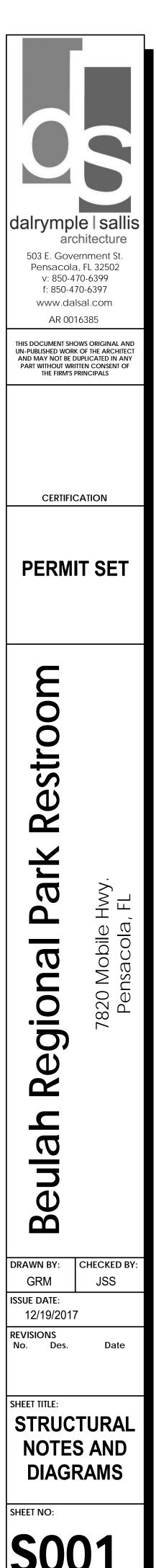
APPLICABLE CODES, LIST THE DESIGN CRITERIA, AND SHOW ALL DETAILS AND PLANS NECESSARY FOR PROPER FABRICATION AND INSTALLATION. CALCULATIONS AND SHOP DRAWINGS SHALL IDENTIFY SPECIFIC PRODUCT UTILIZED. GENERIC PRODUCTS WILL NOT BE ACCEPTED. SHOP DRAWINGS AND CALCULATIONS MUST BE PREPARED UNDER THE

DIRECT SUPERVISION AND CONTROL OF THE SPECIALTY ENGINEER. SHOP DRAWINGS AND CALCULATIONS REQUIRE THE EMBOSSED SEAL, DATE AND SIGNATURE OF THE SPECIALTY ENGINEER. COMPUTER PRINTOUTS ARE AN ACCEPTABLE SUBSTITUTE FOR MANUAL COMPUTATIONS PROVIDED THEY ARE ACCOMPANIED BY SUFFICIENT DESCRIPTIVE INFORMATION TO PERMIT THEIR PROPER EVALUATION. SUCH DESCRIPTIVE INFORMATION SHALL BEAR THE EMBOSSED SEAL AND SIGNATURE OF THE SPECIALTY ENGINEER AS AN INDICATION THAT HE HAS ACCEPTED RESPONSIBILITY FOR THE RESULTS. SEPIAS DO NOT REQUIRE SIGNATURE AND SEAL. THE ARCHITECT WILL RETAIN ONE SIGNED AND SEALED BLUELINE PRINT FOR RECORD.

CATALOG INFORMATION ON STANDARD PRODUCTS DOES NOT REQUIRE THE SEAL OF A SPECIALTY ENGINEER. REVIEW BY THE ARCHITECT OF SUBMITTALS IS LIMITED TO VERIFYING THE FOLLOWING:

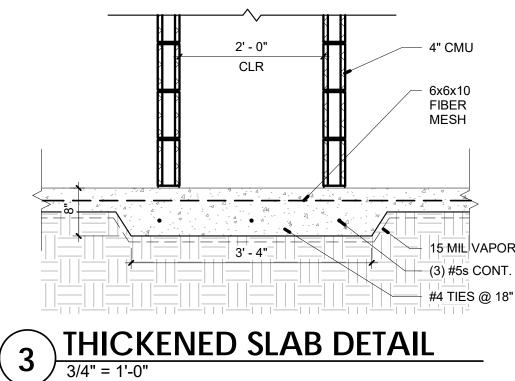
- . А. THAT THE SPECIFIED STRUCTURAL SUBMITTALS HAVE BEEN
- FURNISHED Β. THAT THE STRUCTURAL SUBMITTALS HAVE BEEN SIGNED AND SEALED
- BY THE SPECIALTY ENGINEER.
- THAT THE SPECIALTY ENGINEER HAS UNDERSTOOD THE DESIGN C. INTENT AND HAS USED THE SPECIFIED STRUCTURAL CRITERIA. (NO DETAILED CHECK OF CALCULATIONS WILL BE MADE.)
- THAT THE CONFIGURATION SET FORTH IN THE STRUCTURAL D. SUBMITTALS IS CONSISTENT WITH THE CONTRACT DOCUMENTS. (NO DETAILED CHECK OF DIMENSIONS OR QUANTITIES WILL BE MADE.) A LIST SHALL BE PREPARED AND MAINTAINED BY THE CONTRACTOR FOR

ALL SHOP DRAWINGS REQUIRING PARTICIPATION OF A SPECIALTY ENGINEER. THE LIST SHALL CONTAIN PROJECT NAME, NAME OF CONTRACTOR, NAME OF SUBCONTRACTOR, NAME OF SPECIALTY ENGINEER, DRAWING NUMBER, DRAWING TITLE AND THE LATEST REVISION NUMBER AND DATE. FOR PARTIAL SUBMITTALS, THE LIST SHALL CONTAIN ALL ANTICIPATED DRAWING NUMBERS AND TITLES REQUIRED TO COMPLETE THE CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE LATEST UPDATED LIST OF DRAWINGS WITH EACH SUBMITTAL SUBMITTALS NOT MEETING THE ABOVE CRITERIA WILL NOT BE REVIEWED AND WILL BE RETURNED TO CONTRACTOR MARKED REVISE AND RESUBMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DELAYS WHICH MAY RESULT.

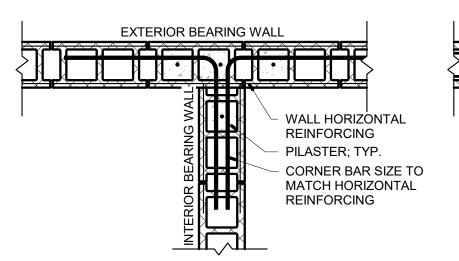


PROJECT NO:

17016

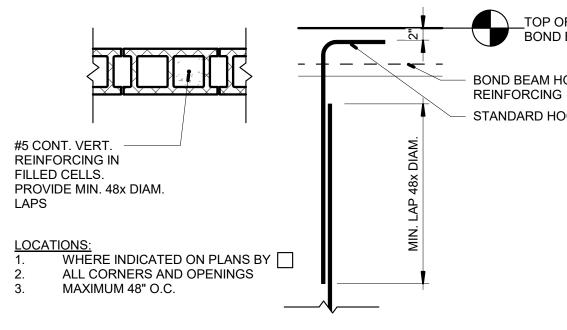


CMU INTERSECTION REINFORCING DETAILS

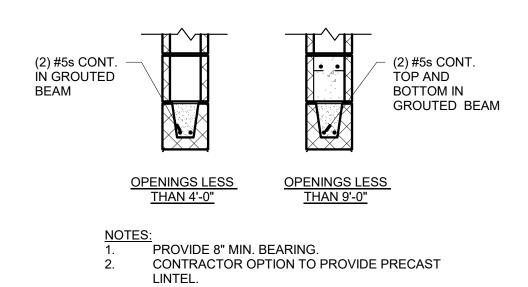


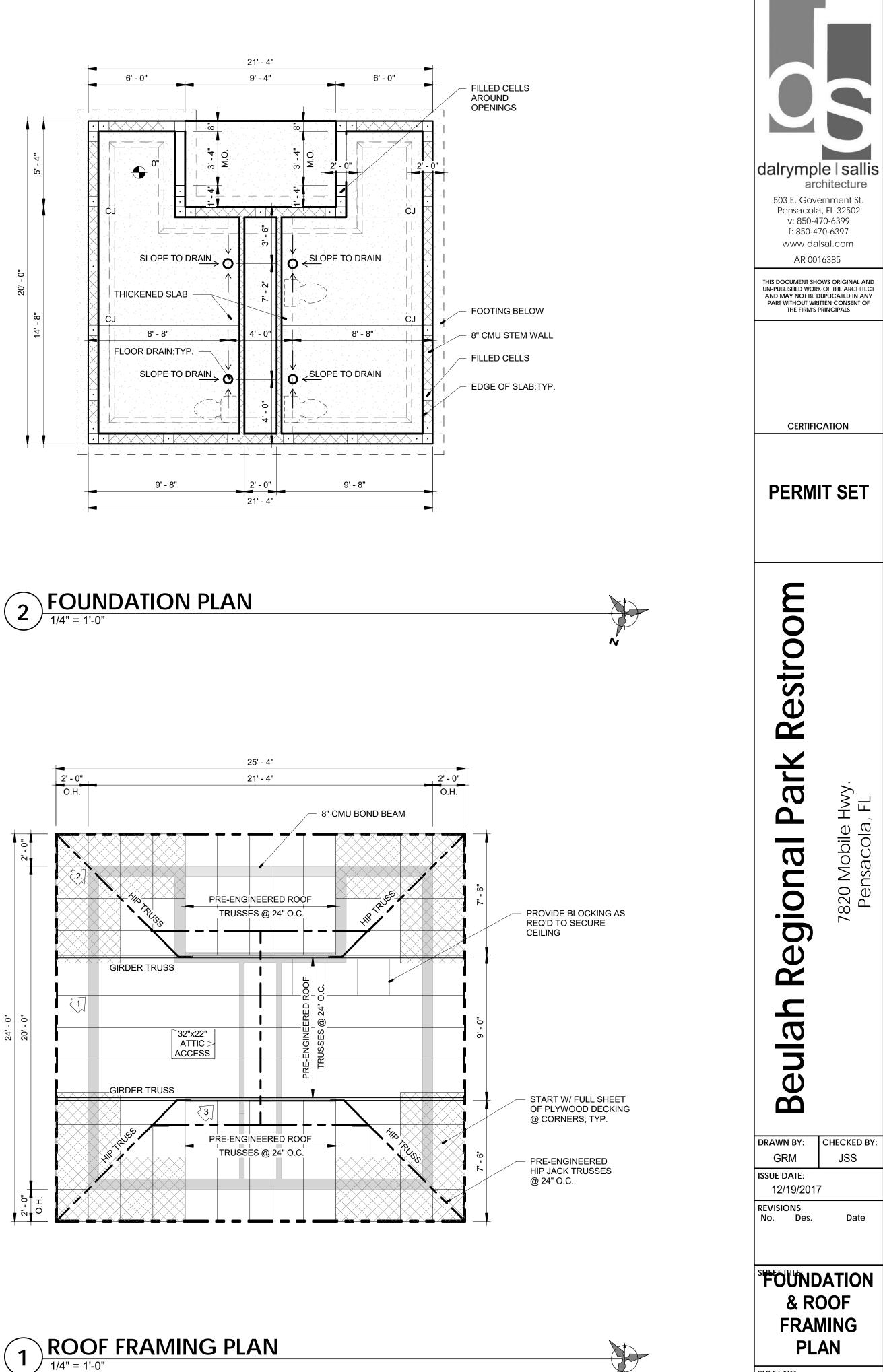
WALL INTERSECTION DETAIL

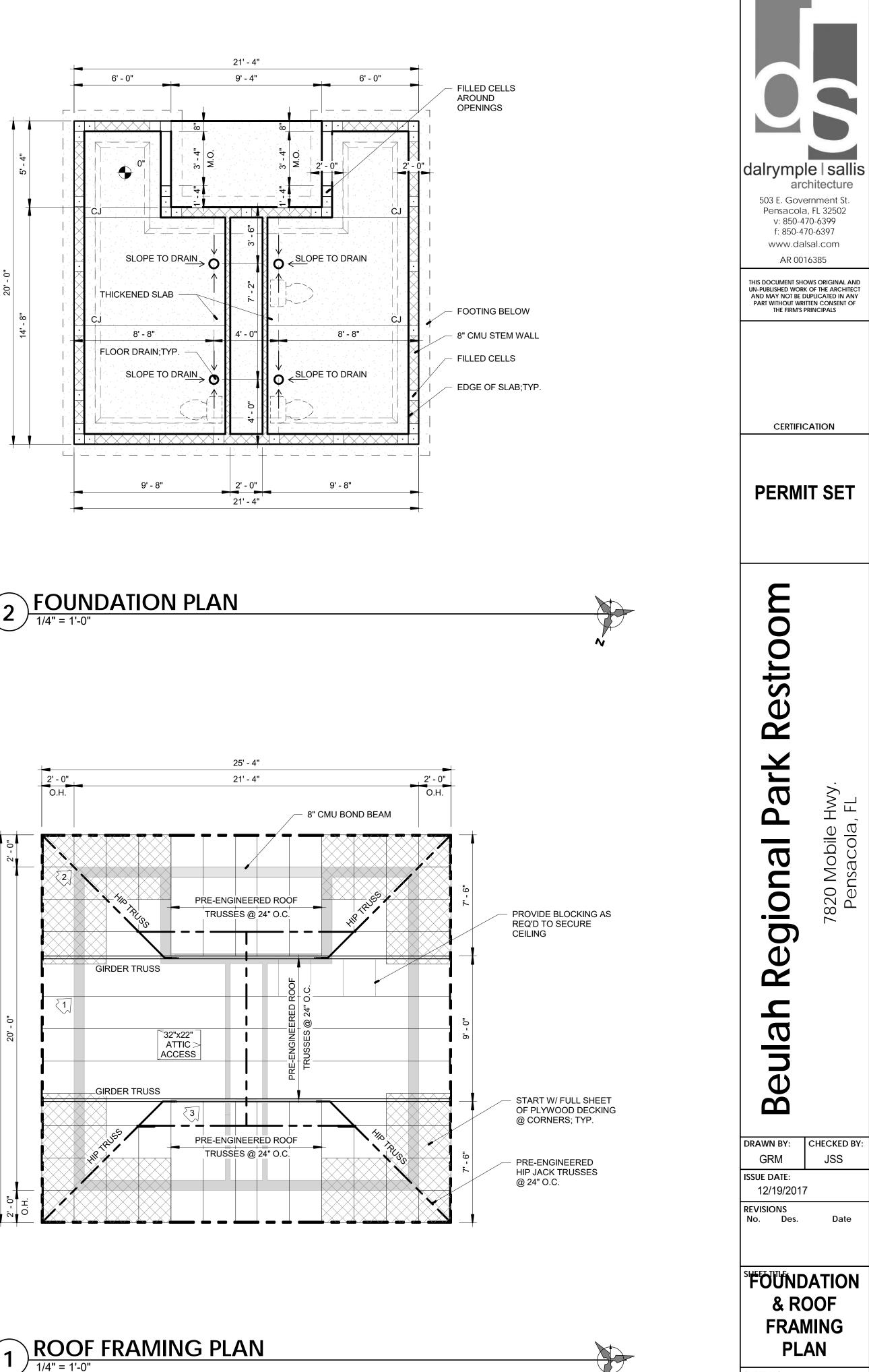
CMU PILASTER DETAIL



CMU LINTEL DETAIL



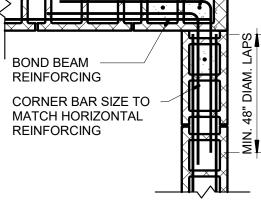




1

15 MIL VAPOR BARRIER #4 TIES @ 18" O.C.

CORNER CELL TO RECEIVE

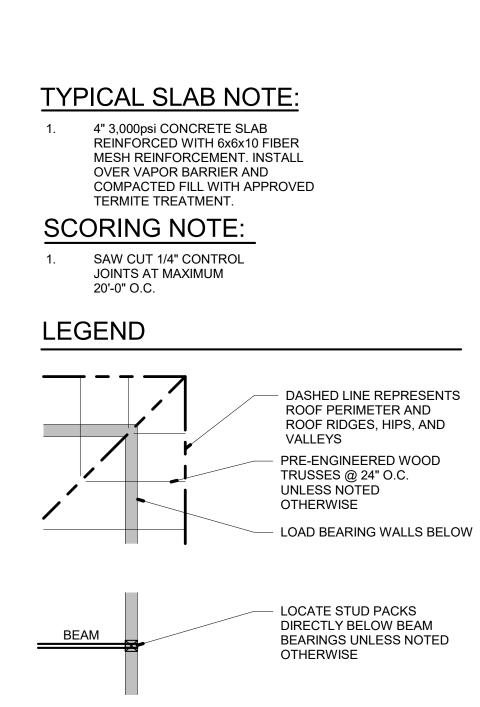


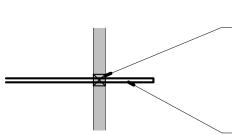
CORNER DETAIL

TOP OF UPPERMOST BOND BEAM

BOND BEAM HORIZONTAL

STANDARD HOOK





GIRDER TRUSS

LOCATE STUD PACK

NOTED OTHERWISE

DIRECTLY UNDER GIRDER

TRUSS BEARINGS UNLESS

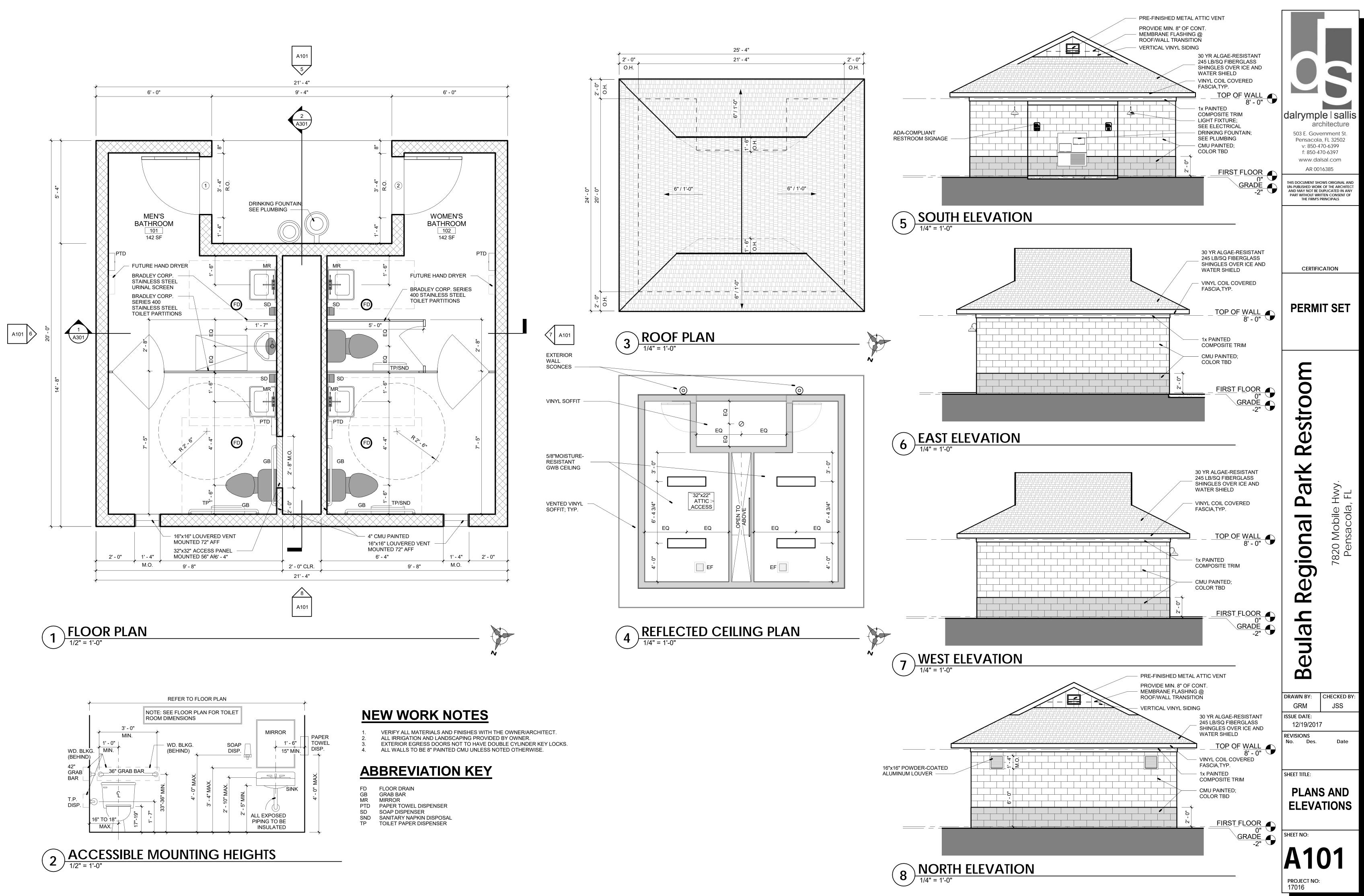
GENERAL FRAMING NOTES

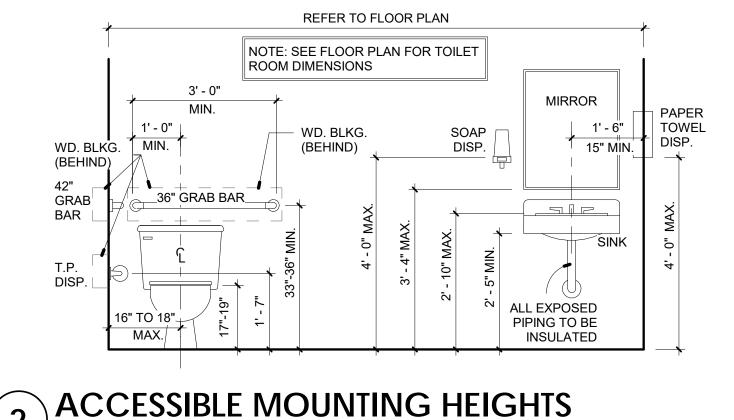
- FINAL TRUSS LAYOUT TO BE DETERMINED BY FLORIDA 1
- REGISTERED TRUSS ENGINEER. CONTRACTOR TO SUBMIT TRUSS PACK DESIGN TO
- ARCHITECT FOR APPROVAL.
- PROVIDE MIN. 5/8" THICK CDX PLYWOOD SHEATHING. 1/2" MAY BE USED IF ALL EDGES ARE SECURED WITH BLOCKING.
- OSB IS NOT AN ACCEPTABLE SUBSTITUTE FOR PLYWOOD.

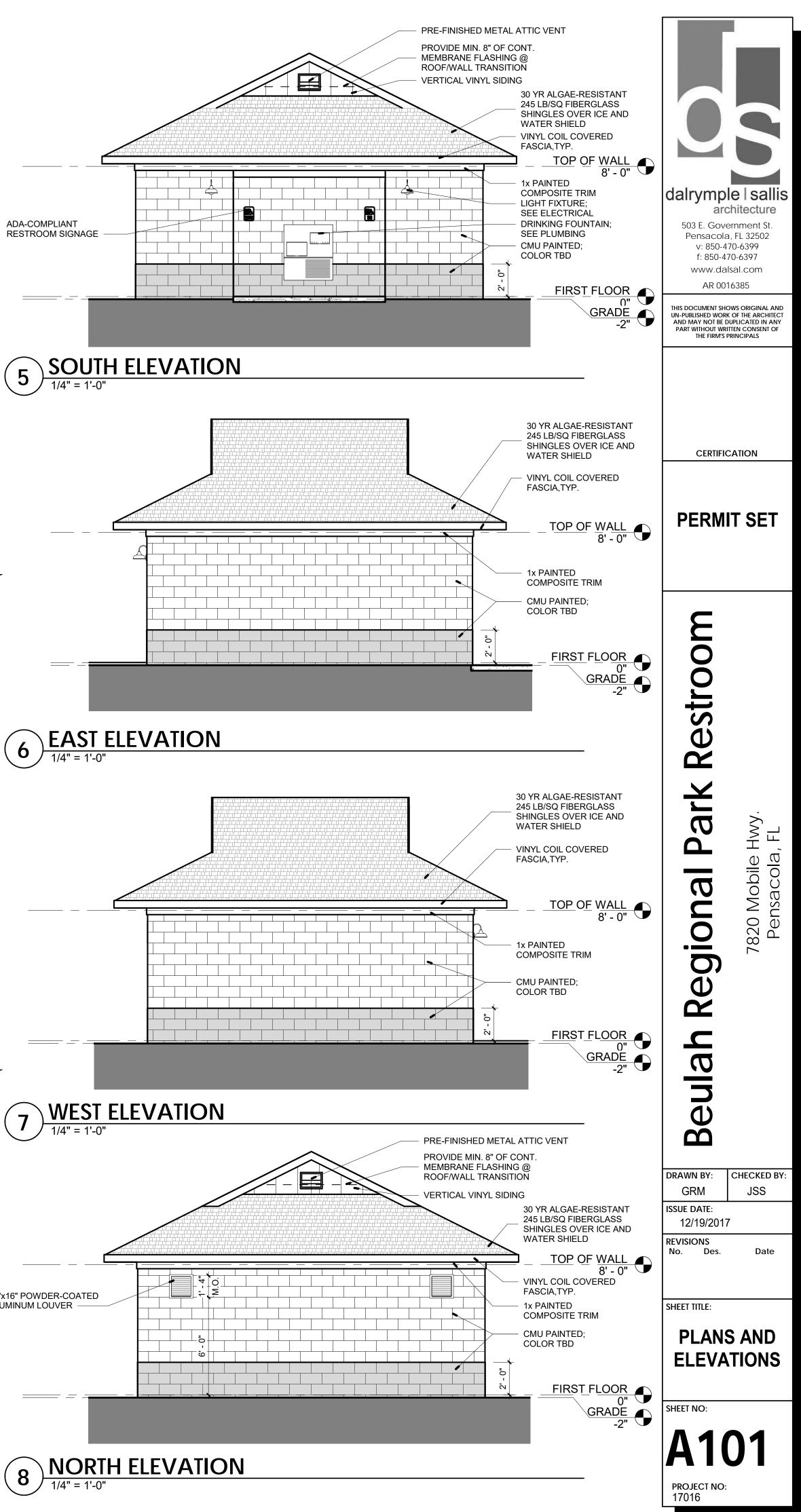
	SIMPSON HOLD DOWN SCHEDULE							
Mark	MFR.	MFR. No.	FL Product Approval No.	Use				
1	Simpson	H2.5A	FL 10456	Truss/Wall Connection				
2	Simpson	HCP2	FL 10447	Hip Corner				
3	Simpson	TJC37	FL 11478 / FL 13872	Jack Truss Hanger				
4	Simpson	H35	FL 10446	Outrigger				

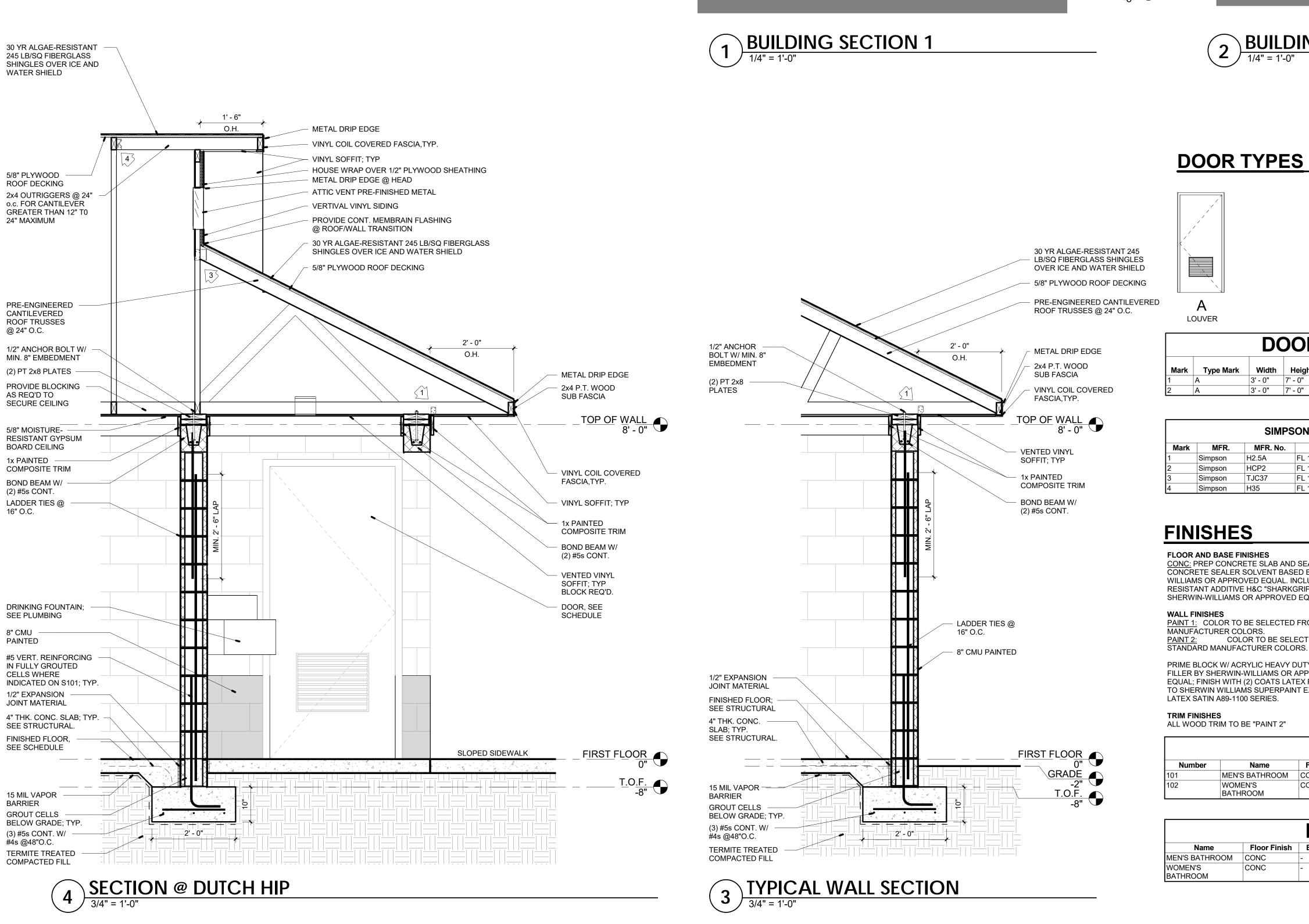
SHEET NO: **S101**

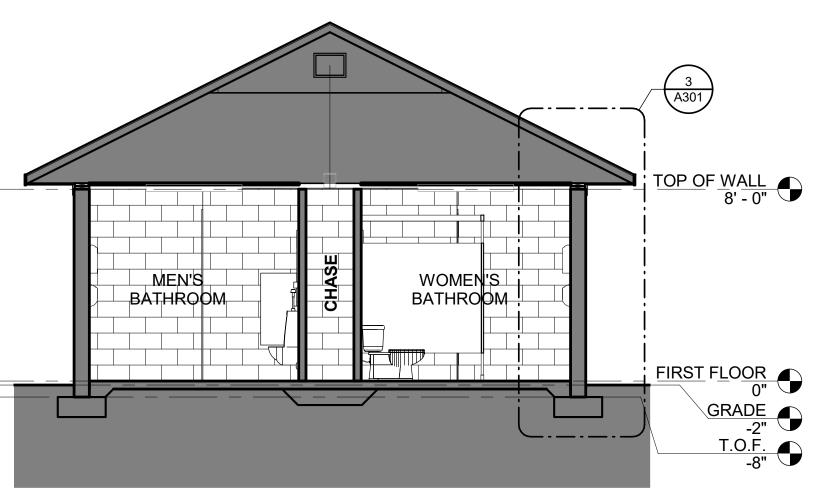
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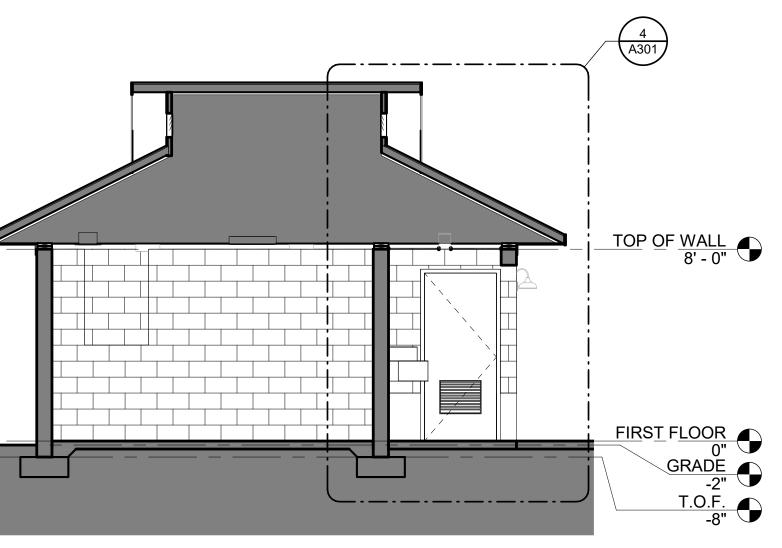












BUILDING SECTION 2

1/4" = 1'-0"

DOOR NOTES

- CONTRACTOR TO SUBMIT PRODUCT INFO FOR DOOR, FRAME MATERIALS, AND HARDWARE WITH OWNER. PROVIDE HOLLOW METAL DOOR EQUAL TO CECO DOOR STYLE "LB", FULL FLUSH, MIN. 18 GAUGE ,STEEL
- THICKNESS IN HOLLOW METAL FRAME WITH MIN. 16 GAUGE STEEL THICKNESS PROVIDE EACH DOOR WITH A KEYED DEADBOLT WITH - 3
- THUMB LATCH INTERIOR EQUAL TO SCHLAGE B500-SERIES WITH STAINLESS FINISH TRIM AND METAL REINFORCED STRIKE. PROVIDE EACH DOOR WITH A UL LISTED CLOSER -4
- EQUAL TO FALCON SERIES SC80 (SC80-3049PA). MINIMUM 10 YEAR WARRANTY.

DOOR SCHEDULE							
	Width	Height	Thickness	Door Material	Frame Material	Closer	
	3' - 0"	7' - 0"	1 3/4"	HM	НМ	Yes	
	3' - 0"	7' - 0"	1 3/4"	HM	НМ	Yes	

SIMPSON HOLD DOWN SCHEDULE

MFR. No.	FL Product Approval No.	Use
H2.5A	FL 10456	Truss/Wall Connection
HCP2	FL 10447	Hip Corner
TJC37	FL 11478 / FL 13872	Jack Truss Hanger
H35	FL 10446	Outrigger

CONC: PREP CONCRETE SLAB AND SEAL WITH H&C CONCRETE SEALER SOLVENT BASED BY SHERWIN-WILLIAMS OR APPROVED EQUAL. INCLUDE SLIP RESISTANT ADDITIVE H&C "SHARKGRIP" BY SHERWIN-WILLIAMS OR APPROVED EQUAL.

PAINT 1: COLOR TO BE SELECTED FROM STANDARD COLOR TO BE SELECTED FROM

PRIME BLOCK W/ ACRYLIC HEAVY DUTY BLOCK FILLER BY SHERWIN-WILLIAMS OR APPROVED EQUAL; FINISH WITH (2) COATS LATEX PAINT EQUAL TO SHERWIN WILLIAMS SUPERPAINT EXTERIOR

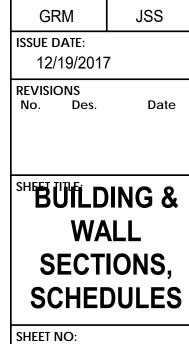
WALL FINISH KEY

Name	Floor Finish	Base Finish	North Color	East Color	South Color	West Color	Ceiling Color
'S BATHROOM	CONC	-	PAINT 1	PAINT 1	PAINT 1	PAINT 1	PAINT 1
/IEN'S HROOM	CONC	-	PAINT 1	PAINT 1	PAINT 1	PAINT 1	PAINT 1

ROOM FINISH SCHEDULE

Floor Finish	Base Finish	North Material	East Material	South Material	West Material	Ceiling Finish	Ceiling Height
CONC	-	CMU	CMU	CMU	CMU	MRGWB	8' - 0"
CONC	-	CMU	CMU	CMU	CMU	MRGWB	8' - 0"

dalrymple | salli architecture 503 E. Government St. Pensacola, FL 32502 v: 850-470-6399 f: 850-470-6397 www.dalsal.com AR 0016385 THIS DOCUMENT SHOWS ORIGINAL AND UN-PUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED IN ANY PART WITHOUT WRITTEN CONSENT OF THE FIRM'S PRINCIPALS CERTIFICATION PERMIT SET Restroom ar Hwy , FL Δ Mobile Regional 7820 Doc Beulal DRAWN BY: CHECKED BY





CMU HM MRGWB WD CONC.

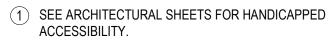
CMU, PAINTED HOLLOW METAL MOISTURE-RESISTANT GYPSUM WALL BOARD WOOD CONCRETE (SEALED)

ABBREVIATION KEY

LEGEND

_____ -

	SANITARY WASTE PIPING. SIZED AS SHOWN. SANITARY WASTE VENT PIPING. SIZED AS SHOWN.	MARK #	FIXTURE TYPE
	COLD WATER PIPING. SIZED AS SHOWN.	P-1	WALL HUNG WATER CLOSET
	HOT WATER PIPING. SIZED AS SHOWN. P-TRAP	P-1A	WALL HUNG WATER CLOSET (HC)
	BALL VALVE FOR SHUT-OFF SERVICE.	P-2	FLUSH VALVE URINAL
	CHECK VALVE. PIPING TURNED UP	P-3	WALL MOUNTED LAVATORY
·	PIPING TURNED DOWN	P-4	DRINKING FOUNTAIN (HC)
2-WAY GCO	PIPING TURNED DOWN TWO WAY GROUND CLEANOUT FLOOR DRAIN WITH TRAP PRIMER. SIZED AS SHOWN	FCO	FLOOR CLEANOUT
FD		GCO	GRADE CLEANOUT
VTR	VENT THROUGH ROOF. SIZED AS SHOWN.	FD	FLOOR DRAIN
P-#	PLUMBING FIXTURE NUMBER. SEE SCHEDULE ON THIS SHEET.	TP	TRAP PRIMER
IWH WHA	INSTANTANEOUS WATER HEATER	WH	WALL HYDRANT
WI IA			



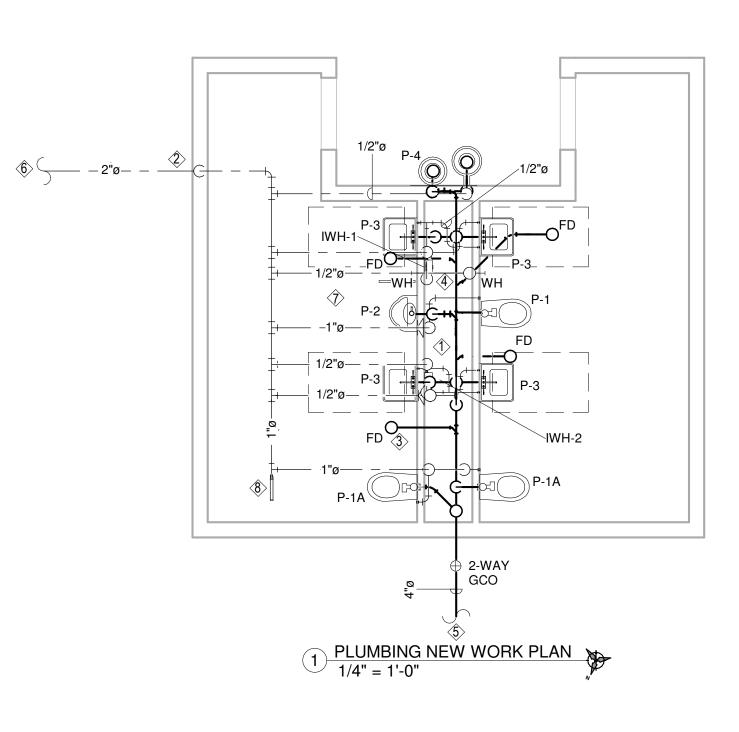
PLUMBING KEY NOTES

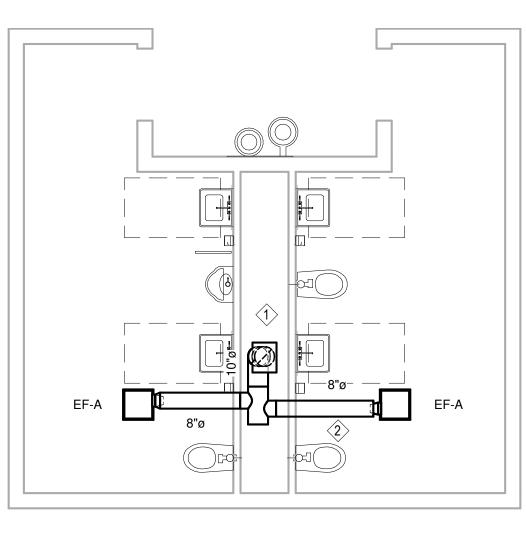
- (1) 2" VENT THRU ROOF, MAINTAIN MINIMUM 10'-0" CLEARANCE FROM AND OUTSIDE AIR INTAKE.
- 2> POTABLE WATER, RISE IN WALL CAVITY TO CEILING SPACE AND ROUTE TO FIXTURES AS INDICATED. PROVIDE SHUT OFF VALVE IN EXTERIOR BOX. SUPPORT PIPING AS REQUIRED AND INSULATE AS INDICATED IN PLUMBING GENERAL NOTES.
- (3) PROVIDE TRAP PRIMER, ROUTE PIPING UNDER SLAB TO FLOOR DRAIN(S). NO FITTINGS ALLOWED BELOW SLAB. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
- (4) MOUNT INSTANTANEOUS WATER HEATER IN CHASE ON WALL. INSTALL PER MANUFACTURERS RECOMMENDATIONS. UNIT TO SUPPLY HOT WATER TO BOTH BACK TO BACK LAVS.
- (5) SANITARY SEWER PIPING, SEE CIVIL FOR CONTINUATION.
- (6) POTABLE WATER PIPING, SEE CIVIL FOR CONTINUATION.
- PROVIDE HEAT TRACING AND JACKETED INSULATION ON ALL PORTIONS OF ABOVE GRADE POTABLE WATER PIPING.
- (8) PROVIDE WATER HAMMER ARRESTOR. INSTALL PER MANUFACTER'S INSTRUCTIONS.

HVAC KEY NOTES

PROVIDE EXHAUST DUCT UP TO ARCHITECTURAL VENT ROOF GABLE 2 ALL DUCT SHALL BE METAL. REFER TO SPECIFICATIONS.

	EXH	AUST F	AN SCHEDULE
	MARK	EF-A	NOTES:
	TYPE	1	(1) CEF - CEILING EXHAUST FAN
	DRIVE	2	2 DD - DIRECT DRIVE
	SERVICE	3	(3) EA - EXHAUST AIR
	INTERLOCKS	4	(4) PROVIDE FAN WITH A GRILLE
Ю	AIR FLOW CFM	140	MOUNTED MOTION SENSOR FOR CONTROL OF FAN. FAN
PERFORMANCE DATA	EXT. STATIC PRESS. IN. W.C.	.25	SHALL REMAIN ON FOR AN
RFOF DA	MAXIMUM RPM	1050	AFTER LOSS OF OCCUPANCY.
Ы	MAXIMUM SCONES	3	PROVIDE FAN WITH SPEED CONTROLLER FOR AIR FLOW
	MAXIMUM WATTS	150	 BALANCING; CONTROLLER SHALL SHIP LOOSE,
ELECTRICAL DATA	VOLTS	120	CONTRACTOR SHALL MOUNT CONTROLLER WITHIN OR ON
ELECT	PHASE	1	THE OUTSIDE OF THE FAN
ш	Hz	60	HOUSING.
	BASIS OF DESIGN ANUFACTURER & REMARKS	GREENHECK SP-B150 56	PROVIDE MANUFACTURER AND MODEL LISTED OR APPROVED EQUAL.





PLUMBING FIXTURE CONNECTION SCHEDULE

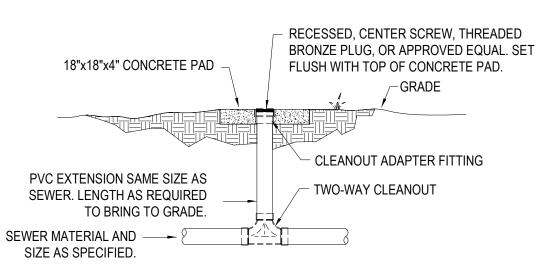
	С	ONNECTIONS	3
MANUFAC. & MODEL	WASTE	CW	
ZURN Z5615-BWL	3"	1"	
ZURN Z5615-BWL	3"	1"	
KOHLER K-4904-ET	2"	3/4"	
KOHLER K-2084	1-1/2" X 1-1/4"	1/2"	
ELKAY VRCTLFRDDSC	1-1/4"	1/2"	
SIOUX CHIEF 834	4"	-	
SIOUX CHIEF 851	4"	-	
SIOUX CHIEF 833-23NR	3"	-	
SIOUX CHIEF 695-01	-	1/2"	
ZURN 1334	-	3/4"	

REMARKS (1)(2)HW VIT. CHINA, WHITE, ELONGATED BOWL, 1.6 GPF, WALL MOUNTED, FLUSH VALVE WATER CLOSET. VIT. CHINA, WHITE, ELONGATED BOWL, 1.6 GPF, WALL MOUNTED, FLUSH VALVE WATER CLOSET. VIT. CHINA, WHITE, WALL MOUNT WITH WALL HANGERS, TOP SPUD, SLOAN LOW CONSUMPTION FLUSH VALVE, 0.125 GALLONS PER FLUSH. (HC) VIT. CHINA, WHITE, WALL MOUNT, MOEN 8279 MANUAL FAUCET WITH WRISTBLADE HANDLES AND 1/2" GOOSENECK FAUCET, OFFSET P-TRAP & GRID STRAINER, (HC) SELF CONTAINED, HI-LO, 8.0 GPH CAPACITY (90°F AMB. AIR), 5 FULL LOAD AMPS, 575 RATED WATT USAGE, FROST RESISTANT, POWDERCOATED FINISH. CAST IRON BODY, SLEEVE AND HEAD ADAPTER, ADJUSTABLE HEIGHT, NICKEL BRONZE COVER. CAST IRON BODY AND COVER. CAST IRON BASE, ABS CLAMPING COLLAR, BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR, NICKEL BRONZE STRAINER AND TRAP PRIMER CONNECTION. BRASS PLATED BODY, 1/2" WATER CONNECTION, DEBRIS SCREEN, PROVIDE WITH DISTRIBUTION UNIT IF SERVING MORE THAN ONE TRAP. FLUSH MOUNTED BRONZE WALL HYDRANT, 3/4" WATER CONNECTION, INTEGRAL VACUUM BREAKER, KEY OPERATED. (2) PROVIDE MANUFACTURERS AND MODEL NUMBERS LISTED ABOVE OR APPROVED EQUALS.

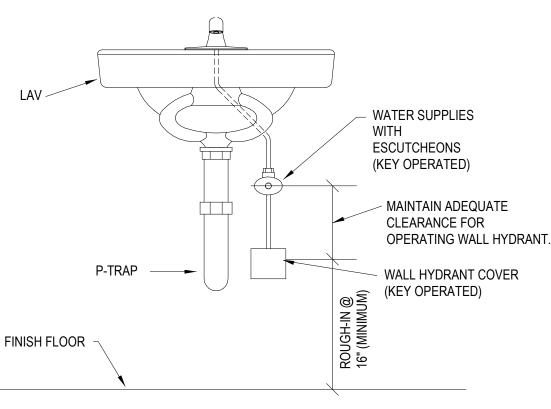
WATER HEATER SCHEDULE ELECTRICAL DATA

MARK	GAL.	MODEL	VOLTS	PHASE	HERTZ	INPUT	REMARKS
IWH-1	-	RHEEM RTEX-04	120	1	60	3.5 KW	1
IWH-2	-	RHEEM RTEX-04	120	1	60	3.5 KW	1
10011-2	-		120	I	00	3.3 KW	

DESIGN BASED ON LISTED WATER HEATER OR APPROVED EQUAL.



CLEANOUT TO GRADE DETAIL NOT TO SCALE



TYPICAL WALL HYDRANT MOUNTING DETAIL NOT TO SCALE

ALL FLOOR DRAINS SHALL HAVE A 6" DEEP SEAL AND TRAPS WITH TRAP PRIMERS AS REQUIRED BY CODE. AN ACCESS PANEL MUST BE INSTALLED IF THE TRAP PRIMER FITTING IS LOCATED INSIDE A WALL OR ABOVE A HARD CEILING. COORDINATE OPENINGS WITH ARCHITECT. CONTRACTOR TO ENSURE THAT EACH TRAP PRIMER VALVE IS CLEANED AND FREE OF DEBRIS JUST PRIOR TO PROJECT COMPLETION. FLUSH STRAINER FLOOR DRAINS SHALL BE CAST BRONZE OR NICKEL BRONZE STRAINER WITH ADJUSTABLE COLLAR AND DOUBLE DRAINAGE FLANGE.

PI ATF

(9) PROVIDE DIELECTRIC UNIONS AT ALL DISSIMILAR METAL CONNECTIONS.

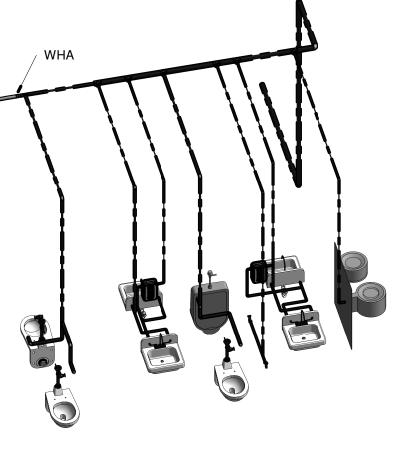
(10) INSULATE ALL WATER PIPING. DOMESTIC WATER PIPE NOT EXPOSED TO VIEW SHALL BE INSULATED WITH 3/4" THICK GLASS FIBER WITH FACTORY APPLIED UNIVERSAL JACKET. FITTINGS SHALL BE INSULATED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. INSULATION VAPOR BARRIER SHALL BE LAPPED AND CEMENTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DOMESTIC WATER PIPE EXPOSED TO VIEW SHALL BE INSULATED SAME AS WHERE NOT EXPOSED TO VIEW, EXCEPT IT SHALL BE FINISHED WITH A SIZED UNIVERSAL JACKET SUITABLE FOR PAINTING. FITTING SHALL BE MADE OF "QUICKSET" CEMENT MOLDED TO FIT AND COVERED WITH 8 OZ. CANVAS AND FINISHED WITH WHITE VAPOR BARRIER CEMENT, AND HAVE PLASTIC MOLDED FITTING COVERS. INSULATE DOMESTIC WATER AND WASTE PIPING UNDER HANDICAP LAVATORIES AND SINKS USING "LAVGUARD2 E-Z SERIES" MOLDED VINYL PIPING COVERS. COVER ALL PIPING, FITTING, VALVES, AND TRAPS EXPOSED TO VIEW.

- ARCHITECT.

ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT. (15) PIPE HANGERS AND SUPPORTS SHALL BE MSS SP-58 AND MSS SP-69, TYPE 1 OR 6, OF THE ADJUSTABLE TYPE, EXCEPT AS INDICATED OTHERWISE, ATTACHMENTS TO STEEL W OR S BEAMS SHALL BE WITH TYPE 21, 28, 29, OR 30 CLAMPS. ATTACHMENTS TO STEEL ANGLES AND CHANNELS (WITH WEB VERTICAL) SHALL BE WITH TYPE 20 CLAMP WITH A BEAM CLAMP CHANNEL ADAPTER. ATTACHMENTS TO STEEL CHANNEL (WITH WEB HORIZONTAL) SHALL BE WITH DRILLED HOLE ON CENTERLINE AND DOUBLE NUT AND WASHER. ATTACHMENTS TO CONCRETE SHALL BE WITH TYPE 18 INSERT OR A DRILLED HOLE WITH EXPANSION ANCHOR. HANGER RODS AND ATTACHMENTS SHALL BE FULL SIZE OF THE HANGER-THREADED DIAMETER. PROVIDE TYPE 40 INSULATION PROTECTION SHIELDS FOR INSULATED PIPING. PROVIDE STEEL SUPPORT RODS.

PROVIDE NONMETALLIC, HAIR FELT, OR PLASTIC PIPING ISOLATORS BETWEEN COPPER TUBING AND THE HANGERS.

(16) LABEL ALL WATER SERVICE VALVES IN ACCORDANCE WITH APPLICABLE CODES



(3) POTABLE WATER RISER DIAGRAM NOT TO SCALE

GENERAL PLUMBING NOTES

(1) THE CONTRACTOR SHALL EXECUTE ALL WORK SO THAT IT PROCEEDS WITH A MINIMUM INTERFERENCE WITH OTHER TRADES.

(2) VERIFY EXACT PLUMBING FIXTURE ROUGH-IN AND FINAL HVAC EQUIPMENT REQUIREMENTS IN THE FIELD.

(3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING FIXTURES. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING ALL TRAPS, DRAINS, AND SUPPLIES WITH STOPS. FURNISH AND INSTALL PLUMBING FIXTURES INDICATED OR SPECIFIED, COMPLETE WITH ALL EQUIPMENT, FITTINGS, TRIM AND ACCESSORIES INDICATED OR SPECIFIED. EXPOSED WATER PIPING TO FIXTURES SHALL BE CHROME-PLATED BRASS, IPS. ADJUST WATER FLOW THROUGH ALL FIXTURES TO PROVIDE PROPER FLUSHING ACTION WITH THE LEAST AMOUNT OF WATER.

(4) COORDINATE ROUTING OF WATER SUPPLY, WASTE, AND VENT PIPING WITH OTHER TRADES.

(5) THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR AND OTHER TRADES ALL REQUIRED OPENINGS AND EXCAVATIONS.

(6) ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED A MINIMUM OF 12" ABOVE THE ROOF. ALL VENTS SHALL BE A MINIMUM OF 10 FEET FROM ANY OUTSIDE AIR INTAKE.

(8) FLOOR CLEANOUTS SHALL BE ADJUSTABLE HEIGHT POLISHED BRONZE, NICKEL BRONZE WITH "CO" CAST IN THE FLOOR

ROUTE ALL PIPING AS TO CAUSE MINIMAL INTERFERENCE FOR MAINTENANCE OF ALL EQUIPMENT. UNLESS OTHERWISE NOTED, ALL DOMESTIC WATER PIPING SHALL BE ROUTED WITHIN CEILING SPACE. PIPING BELOW SLAB SHALL BE WITHOUT JOINTS AND TEES. PIPING PASSING THRU WALLS EXTENDING TO BOTTOM OF STRUCTURE SHALL BE SLEEVED AND SEALED. PROVIDE SHUTOFF VALVE TO EACH SILLCOCK WITH VALVE IDENTIFICATION AS REQUIRED BY CODE.

BEFORE FINAL ACCEPTANCE OF THE WORK, TEST EACH SYSTEM AS IN SERVICE TO DEMONSTRATE COMPLIANCE WITH FLORIDA PLUMBING CODE AND LOCAL CODE REQUIREMENTS. ONCE TEST ARE IN COMPLIANCE WITH CONTRACT REQUIREMENTS DISINFECT WATER SYSTEM IN ACCORDANCE WITH AWWA C651. PROVIDE A COPY OF TEST RESULTS TO

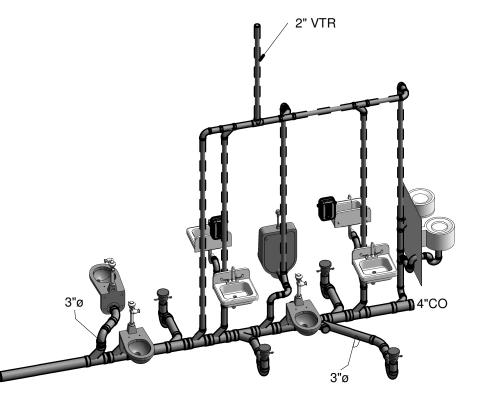
(13) CONTRACTOR TO VERIFY ALL LOCATIONS OF STRUCTURE PENETRATIONS WITH ARCHITECTURAL DRAWINGS.

(14) CONTRACTOR SHALL VERIFY ALL WASTE AND WATER SUPPLY PIPE SIZES, LOCATIONS, INVERTS, AND DIRECTIONS OF FLOW WITH THE CIVIL DRAWINGS, SITE UTILITIES CONTRACTOR, AND EXISTING CONDITIONS PRIOR TO BEGINNING ANY NEW WORK.

(17) COORDINATE EXACT FLOOR DRAIN LOCATIONS ARCHITECTURAL DRAWINGS. SLOPE ENTIRE ROOM TO DRAINS.

(18) ROUTE SANITARY PIPING AS TO AVOID CONFLICT WITH FOOTINGS AND STRUCTURAL MEMBERS.

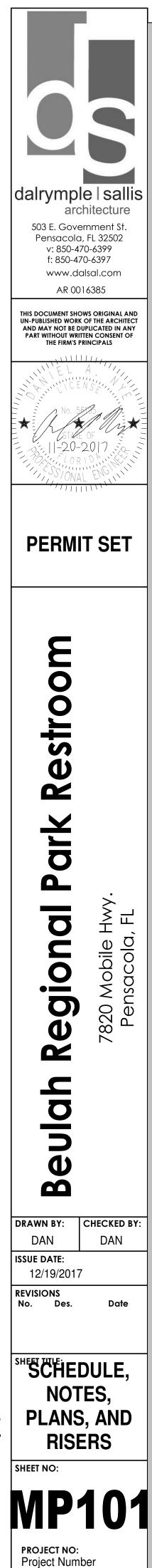
(19) CLEARANCES TO BE COORDINATED PRIOR TO INSTALLATION. PROVIDE COORDINATION DRAWINGS SHOWING HVAC, PLUMBING, STRUCTURAL AND ELECTRICAL COMPONENTS FOR REVIEW. FAILURE TO PROVIDE COORDINATION DRAWINGS SHALL BE AT THE CONTRACTORS RISK. REWORK OF INSTALLED SYSTEMS CAUSED BY COORDINATION FAILURE SHALL BE AT NO ADDITIONAL COST TO THE OWNER.



2 SANITARY SEWER RISER DIAGRAM NOT TO SCALE



21 East Wright St. Pensacola FL · 32501 · 850.453.6630



ELECTRICAL LEGEND

- CEILING OUTLETS
- ⊗ exit light
- JUNCTION BOX
- O RECESSED/SURFACE MOUNT LIGHT

EF EXHAUST FAN

PANELS AND POWER

120/240 VOLT PANELBOARD

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

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

- S A.C. TYPE, SINGLE POLE, 20 AMP, 120/277 VOLT
- S_M MOTOR-RATED TOGGLE SWITCH
- WALL MOUNTED OCCUPANCY SENSOR (PASSIVE INFRARED) EQUAL TO
- WATTSTOPPER PW-100; SET DELAY OFF TIME FOR 10 MINUTES (120/277V) S_{RD} WALL MOUNTED OCCUPANCY SENSOR EQUAL TO WATTSTOPPER DW-100; DUAL TECHNOLOGY;
- MOUNT 48" AFF TO C/L; SET DELAY OFF TIME FOR 10 MINUTES (120/277V) AUTOMATIC LIGHTING CONTROL SYSTEM

270° CEILING WALL/CEILING OCCUPANCY SENSOR EQUAL TO WATTSTOPPER 'EW-200-120-(FINISH)...LINE VOLTAGE; PASSIVE INFRARED TECHNOLOG, 1000 WATT BALLAST; WET

LOCATIÓN LISTED. AVAILABLE FINISHES ARE 'ARCTIC GREY' OR 'ARCTIC WHITE'

MISCELLANEOUS

- A.F.F. ABOVE FINISH FLOOR
- B.F.C. BELOW FINISHED CEILING WEATHERPROOF WP
- U.N.O. UNLESS NOTED OTHERWISE

	LIGHTING FIXTURE SCHEDULE						
MARK	MANUFACTURER AND CATALOG No.	LAMPS No. TYPE	MOUNTING	REMARKS			
BP	BEGHELLI# EL-SE-205LED-120/277V-AT(AUTO TEST)-BLACK HOUSING	LED	WALL-MOUNT Ø8'0"A.F.F.	EMERGENCY BATTERY PACK, 120V, WET LOC LISTED, BLACK HOUSING, VANDAL-RESISTANT, 3-YR WARRANTY			
LD6	H.E. WILLIAMS# L60−L40C−835−CS−W−WET/CC−CAL−DRV−120	39W 3500K LED	CEILING RECESSED	6" LED DOWNLIGHT, WET LOC LISTED, 120V, CLEAR SEMI-SPEC REFL, CLEAR ACRYLIC LENS, WIDE DIST, 3500K, 120V			
F14	H.E. WILLIAMS# 76-4-L32-835-DRV-UNV	28W 3500K LED	SURFACE-MOUNT	48" SURFACE-MOUNTED LED STANDARD STRIP, 120V, 3500K, STANDARD WHITE FINISH,			
F14S	H.E. WILLIAMS# 39-4-L52/835-DRV-120V	51W 3500K LED	SURFACE-MOUNT	10" X 48" SURFACE-MOUNTED LED FIXT, FROSTED RIBBED ACRYLIC LENS 120V, 3500K, FINISH BY ARCHITECT			
WB	H.E. WILLIAMS# VWP-H-L60-740-T3-(FINISH)-SDGL-DIM-UNV	XXW 3500K LED	SURFACE-MOUNT	16-3/4"W X 5-11/16" H X 7-5/8"D WALL PACK, TYPE III DISTRIBUTION, 120V, FINISH TO BE BE VERIFIED BY ARCHITECT PRIOR TO PLACING ORDER			
WB	WILLIAMS#WPH-L30/740-T3-(FINISH)-SDGL-NONDIM-120	36W 4000K LED	WALL MOUNT	ARCHITECTURAL WALLPACK, 120V, FINISH BY GC, WET LOC			

120/2 100 A	240 VOLT 1Ø 3W MP MAIN BREAKER	CIRCUIT		AKER PANEI			CHE	DULE	SURFACE-MOUNTED NEMA 3R LOCKABLE ENCLOSURE
СКТ	LOAD DESCRIPTION	B RE POLE	AKER AMP	LOAD	KVA	BREA		LOAD DESCRIPTION	СК
1	IWH (WTR HTR)	1	30(1)(2)		0.7	20	1	LTS-INTERIOR/EXTERIOR	2
	IWH (WTR HTR)	1	30(1)(2)		0.72	20	1	REC-INTERIOR/EXTERIOR	4
5	PIPING HEAT TRACE	1	20	0.3	0.48	20①	1	EWC	6
7	HAND DRYER (FUTURE)	1	25①		2.88	25(1)(2)	<u>2</u>	GRINDER PUMP (2HP)	8
	HAND DRYER (FUTURE)	1	25①			↓ ↓	\	↓ ↓	10
11	SPARE	1	25①			20	1	SPARE	12
	SPARE	1	25①						14
	SPACE	1							16
17						•		↓	18
19							1	SPACE	20
21									22
23	↓	↓	•			•	<u> </u>	↓ ↓	24
	AL CONNECTED LOAD: 15.88 KVA MUM INTERRUPTING CAPACITY: 10,00	0 AMPS SYMMETRICAL					() 2	HACR RATED BREAKER; VERIFY SIZE FURNISHED FURNISH BREAKER WITH HANDLE 'LO	REQUIRED FOR EQUIPMEN CK-OFF' CAPABILITY

ELECTRICAL GENERAL NOTES

- 1. AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.
- 2. RECEPTACLES, SWITCHES AND COVERPLATES COLOR SHALL BE SELECTED BY THE ARCH/OWNER FROM STANDARD COLORS.
- 3. LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES, ETC. FOR MECHANICAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL MECHANICAL
- EQUIPMENT LOCATION TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.
- 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 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 MECHANICAL AND SPECIAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL. 9. COMPLY WITH ALL LOCAL CODE, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE AND THE NATIONAL ELECTRIC CODE.
- OBTAIN ALL PERMITS REQUIRED BY LOCAL ORDINANCES. 10. EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED IN ALL BRANCH CIRCUIT WIRING. CONDUIT GROUND SHALL NOT BE ACCEPTABLE.
- 11. 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.
- 12. THE ELECTRICAL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. ALL NOT SO INSTALLED SHALL BE REMOVED AND REPLACED AT NO COST TO THE OWNER.
- 13. ALL CONDUCTORS LESS THAN 60A. SHALL BE COPPER #12 & #10 SOLID, #8 AND LARGER STRANDED, #6 AND SMALLER TO BE TYPE TW, 600 VOLT INSULATION. ALUM. CONDUCTORS MAY BE USED FOR 60A AND LARGER ONLY WHERE USED WITH COMPRESSION TERMINATIONS. TYPE NM CABLE MAY NOT BE USED ON THIS PROJECT.
- 14. PROVIDE GROUNDING PER NATIONAL ELECTRIC CODE.
- 15. THE CONTRACTOR SHALL LEAVE THE ENTIRE ELECTRICAL SYSTEM INSTALLED IN PROPER WORKING ORDER, AND SHALL REPLACE WITHOUT ADDITIONAL COST, ALL WORK OR MATERIAL WHICH MAY DEVELOP DEFECTS, (ORDINARY WEAR AND TEAR OR DAMAGE RESULTING FROM IMPROPER HANDLING EXCEPTED) WITHIN A PERIOD OF ONE(1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.

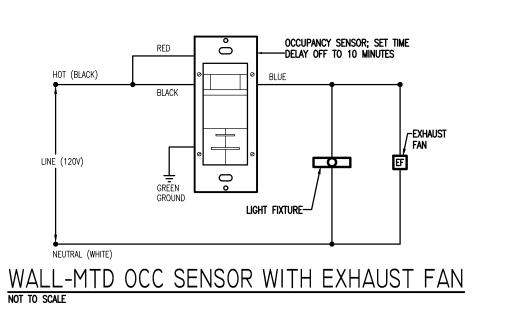
	WALL	00	TL	ET	<u>S</u>	
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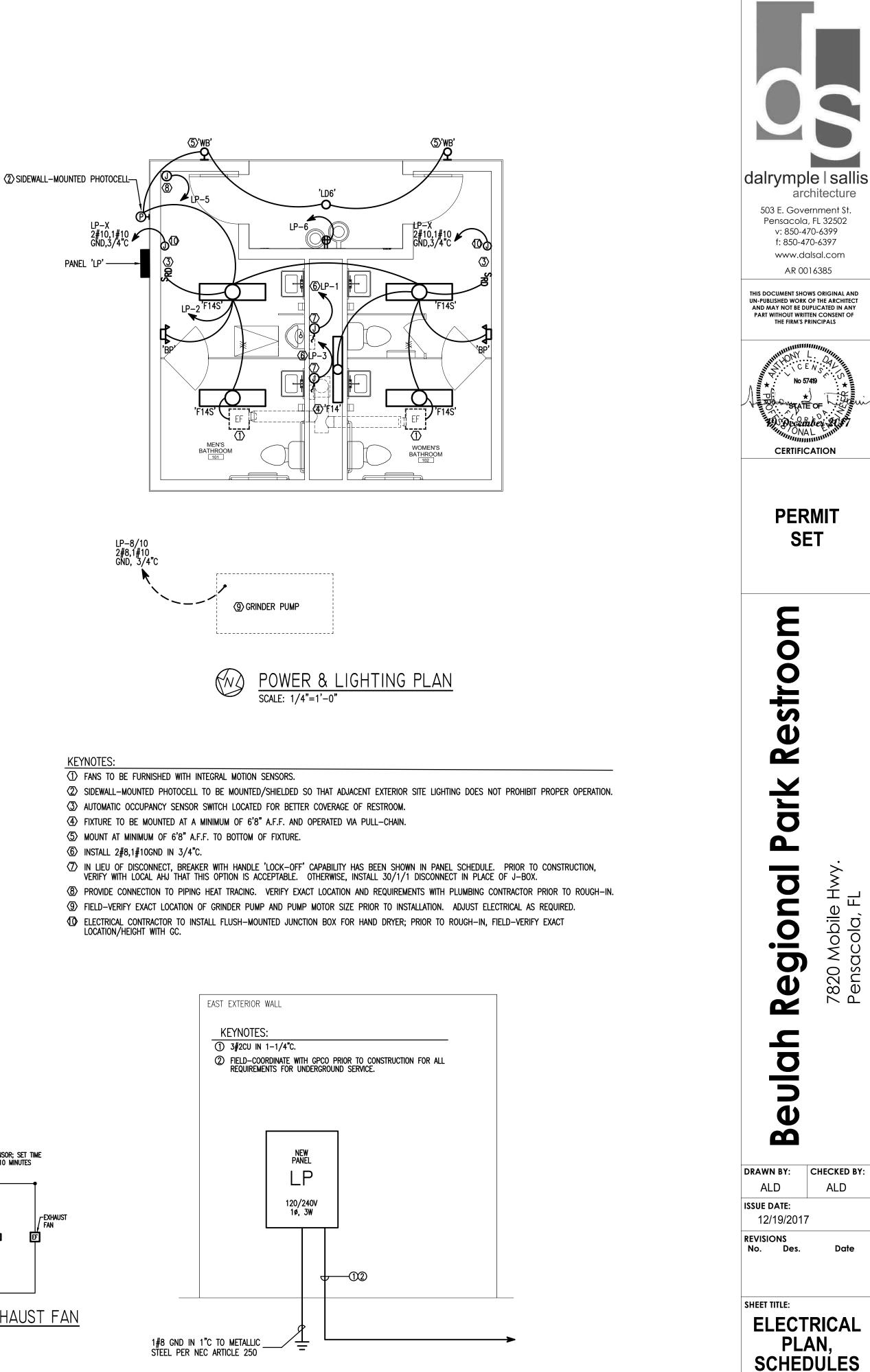
WAL	
€	DUPLEX RECEPTACLE – 20 AMP, 125 VOLT, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5–20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
6€	DUPLEX RECEPTACLE – 20 AMP, 125 VOLT, <u>GF1</u> , 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5–20R. MOUNT 18" A.F.F. UNLESS NOTED OTHERWISE
WP = €	DUPLEX <u>WEATHERTIGHT</u> RECEPTACLE – 20 AMP, 125 VOLT, <u>GFI</u> , 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 ADJACENT TO TELEVISION OUTLET AT SAME HEIGHT.
=⊖ G,T	DUPLEX RECEPTACLE – 20 AMP, 125 VOLT, GFI, 2 POLE, 3 WIRE GROUNDED TYPE, NEMA 5–20R, TAMPER–RESISTANT, MOUNT 6" ABOVE COUNTER
-	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
J	FLUSH-MOUNTED JUNCTION BOX WITH BLANK SCREW COVER AND FLEXIBLE CONDUIT CONNECTION
\boxtimes	SURFACE—MOUNTED JUNCTION BOX WITH BLANK SCREW COVER (UNLESS DEVICE SHOWN TO BE INSTALLED); SIZE OF BOX TO BE DETERMINED BY DEVICE BEING INSTALLED
ю	WALL MOUNTED HIGH INTENSITY DISCHARGE FIXTURE
℃	WALL-MOUNTED EMERGENCY EGRESS FIXTURE; UNLESS NOTED OTHERWISE, MOUNT @ 7'6" A.F.F. AND FURNISH WITH EMERGENCY BATTERY BACKUP.
BRA	NCH_CIRCUITING
	RUN CONCEALED UNDER FLOOR OR IN GRADE
\frown	RUN CONCEALED IN CEILING OR WALLS
A-1	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 NUMBER.

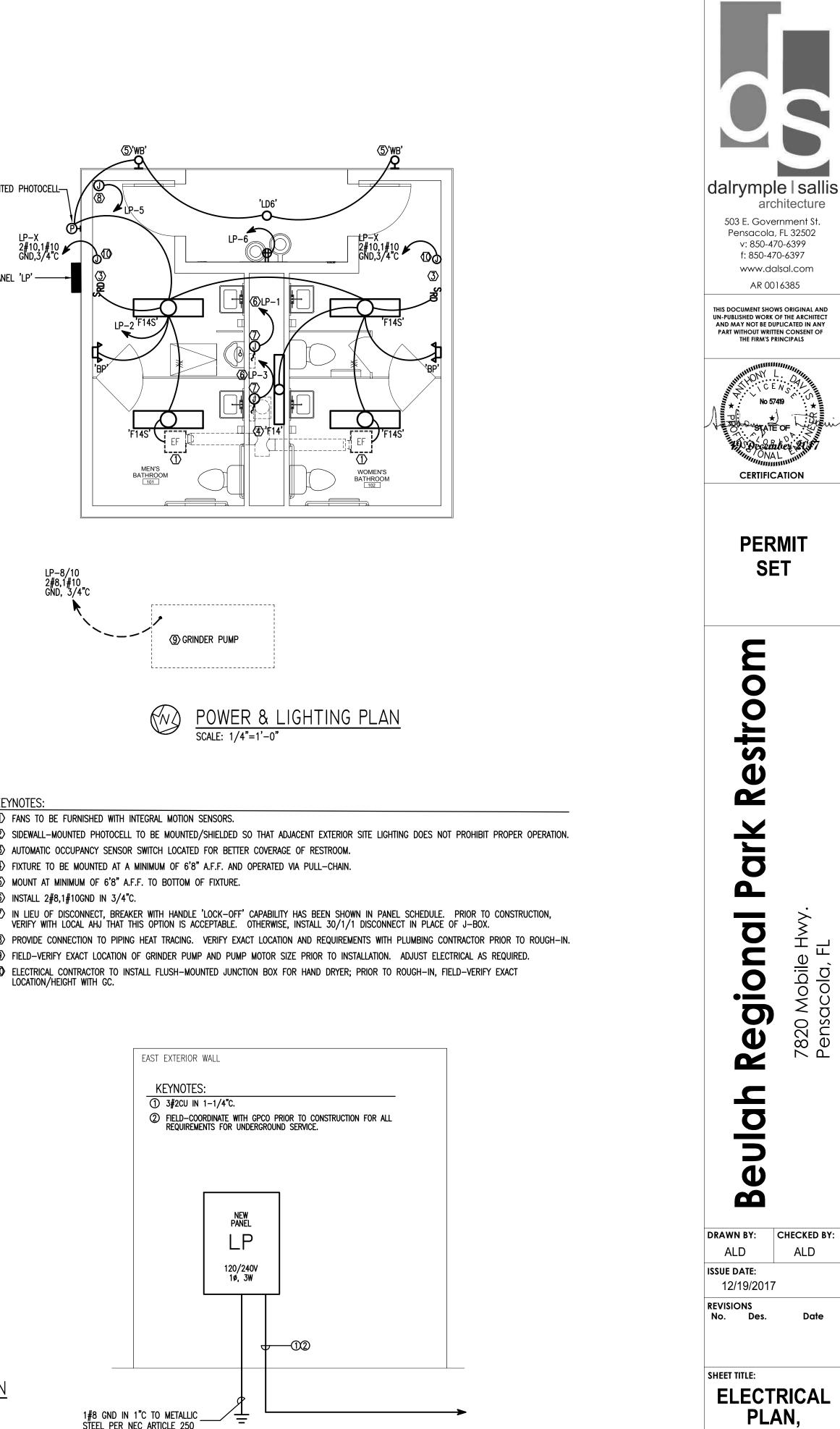
LIQUID-TIGHT FLEXIBLE CONDUIT CONNECTION \sim

MANUFACTURERS CONSIDERED EQUAL MUST SUBMIT TO ENGINEER 10 DAYS PRIOR TO BID FOR WRITTEN APPROVAL

CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT SIZE







POWER RISER DIAGRAM N.T.S.

ΑΠΤΗΟΠΥ Ι.	DAVIS. P.E.
Email: anthonylaavis@att.net	FL PE #-57419/AL PE #-24573/GA PE #-35421 MS PE #-19437/GA PE #-35421/VA PE #402056233 NC PE #-040692/TN PE #-116862 TX PE #-117971/PA PE #-084120

& DETAILS

E101

PROJECT NO: 17016

SHEET NO: