



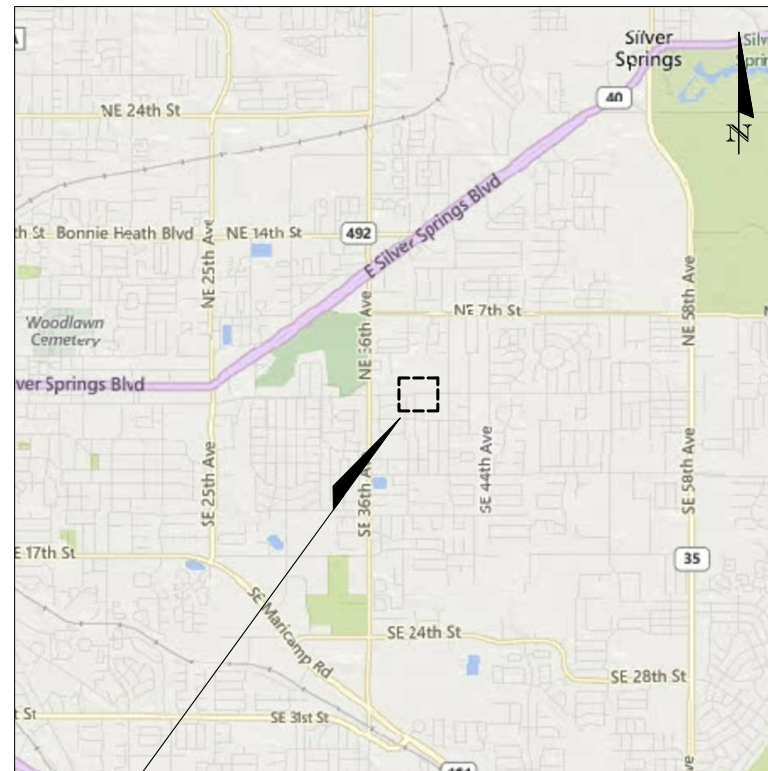
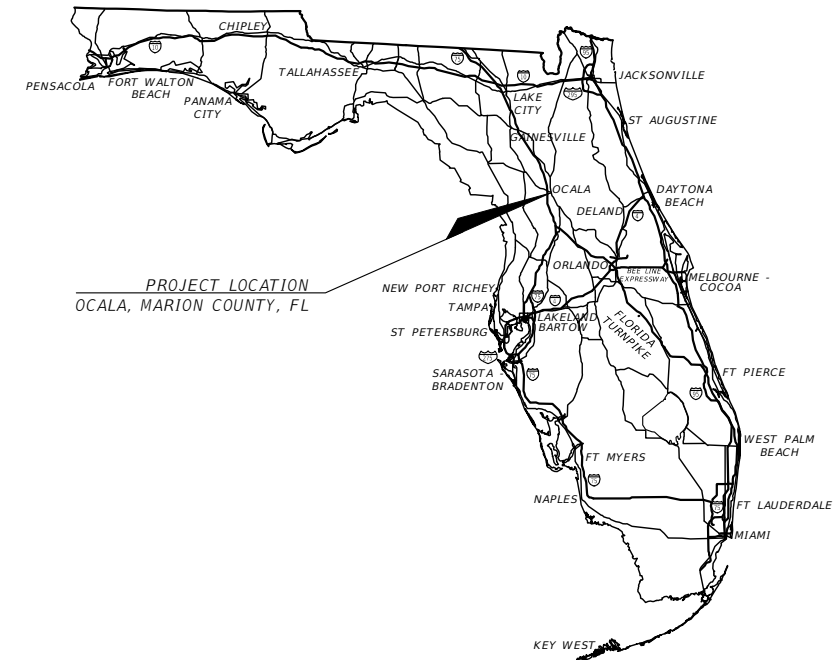
CITY ENGINEER'S OFFICE
 1805 NE 30th AVE, BLDG #600
 OCALA, FLORIDA 34470

CONTRACT PLANS

ITB NO. 220747

FORT KING RESTROOMS

100% PLANS
 FOR CONSTRUCTION
 DATE: 08/15/2022



PROJECT LOCATION
 PID #27611-000-00

LOCAL UTILITIES

UTILITY COMPANY	PHONE NUMBER	EMERGENCY
OCALA PUBLIC WORKS (TRAFFIC)	(352) 351-6733	
OCALA ELECTRIC UTILITY	(352) 351-6650	(352) 351-6666 (LEAVE MESSAGE)
OCALA WATER RESOURCES	(352) 351-6772	(352) 351-6775
COX COMMUNICATIONS	(888) 269-9693	
CENTURYLINK	(352) 368-8817	
TECO GAS	(352) 622-0112	(352) 622-0111

GOVERNING DOCUMENTS:

U.S. Department of Transportation, Manual on Uniform Traffic Control Devices (2009 Version with Revisions)

Florida Department of Transportation, Standard Plans for Road and Bridge Construction (FY 2020-2021 Version)

Florida Department of Transportation, Standard Specifications for Road and Bridge Construction (July 2020 Version)

Florida Department of Transportation, Manual of Uniform Minimum Standards for Design, Construction, & Maintenance of Streets & Highways "Florida Green Book" (2016 Version, Effective June 2017)

City of Ocala, Land Development Code (FY 2020-2021 Version)

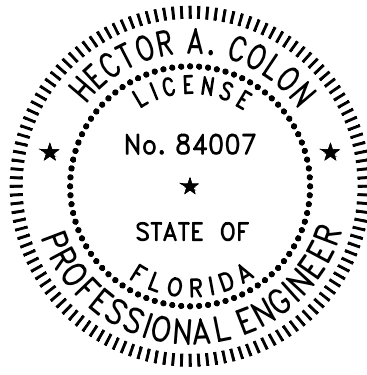
City of Ocala, Standard Specifications For Construction of Streets, Stormwater, Traffic, Water & Sewer Infrastructure (January 2022 Version)

INDEX

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1	KEY SHEET
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REVISIONS				HECTOR A. COLON, PE P.E. LICENSE NUMBER 84007 CITY OF OCALA, FLORIDA 1805 NE 30TH AVENUE OCALA, FLORIDA 34470	PREPARED BY	PROJECT NO. 21308	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		OCALA	PROJECT NAME: FORT KING RESTROOMS	
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CITY OF OCALA
 CITY ENGINEER'S OFFICE
 1805 NE 30TH AVE., BLDG. 300
 OCALA, FL 34470

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

PLAN INDEX

- KEY SHEET
- SIGNATURE SHEET
- GENERAL NOTES
- PLAN SHEET

REVISIONS				HECTOR A. COLON, PE P.E. LICENSE NUMBER 84007 CITY OF OCALA, FLORIDA 1805 NE 30TH AVENUE OCALA, FLORIDA 34470	PREPARED BY	PROJECT NO. 21308	SHEET NO.
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GENERAL NOTES:

1. ALL CONSTRUCTIONS SHALL BE IN ACCORDANCE TO THE LATEST EDITION OF THE CITY OF OCALA'S "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF STREETS, STORMWATER, TRAFFIC, WATER & SEWER INFRASTRUCTURE".
2. ALL UNSUITABLE MATERIALS ENCOUNTERED SHALL BE DISPOSED OF AND REPLACED WITH APPROVED MATERIALS.
3. NEW WATER MAIN TO BE INSTALLED AT 36" DEEP (MIN.) TO TOP OF PIPE EXCEPT WHERE VERTICAL ADJUSTMENTS ARE REQUIRED TO AVOID CONFLICTS. SEE ALSO NOTES 14 AND 15 BELOW.
4. ALL UTILITIES SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST AVAILABLE RECORDS. HOWEVER, IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THEIR LOCATIONS AND CONDITIONS FROM THE UTILITY AGENCIES PRIOR TO CONSTRUCTION.
5. EXCAVATED MATERIALS SHALL BE LOADED ONTO DUMP TRUCKS DIRECTLY BEHIND THE EQUIPMENT AND HAULED OFF TO THE DESIGNATED SITE. TRAFFIC CONTROL MEASURES SHALL BE PLACED ACCORDINGLY TO ACCOMMODATE THIS PROCESS.
6. INSTALL INLET PROTECTION DEVICES AT ALL INLETS TO MINIMIZE DEBRIS ENTERING THE STORM DRAIN SYSTEM. (AS APPROVED BY FDEP)
7. THE TRAFFIC CONTROL PLAN FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD); THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS (STANDARD INDEXES) INDEXES #102-600 THROUGH #102-660, LATEST EDITION; AND ANY REQUIREMENTS OF THE CITY OF OCALA THAT MEET OR EXCEED ANY OF THE ABOVE.
8. UNLESS OTHERWISE SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR MAY, UPON APPROVAL OF THE ENGINEER IN CHARGE, RESTRICT TRAFFIC TO ONE-WAY OPERATION FOR SHORT PERIODS OF TIME PROVIDED THAT ADEQUATE MEANS OF TRAFFIC CONTROL ARE EFFECTED AND TRAFFIC IS NOT UNREASONABLY DELAYED.
9. CONTRACTOR TO REPAIR OR REPLACE ALL PAVEMENT MARKINGS, TRAFFIC LOOPS OR HOMERUNS THAT ARE DAMAGED DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ACCEPTABLE ACCESS TO ALL BUSINESSES AND RESIDENCES ALONG THE PROJECT ROUTE WHENEVER CONSTRUCTION INTERFERES WITH THE EXISTING MEANS OF ACCESS. FLAGMEN SHALL BE USED WHEN NO ALTERNATE ACCESS IS POSSIBLE.
11. THE REQUIRED TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION WHICH MAY CREATE ANY HAZARDOUS CONDITION. THE CONTRACTOR SHALL IMMEDIATELY REMOVE OR COVER ANY DEVICE WHICH DOES NOT APPLY TO THE EXISTING CONDITIONS.
12. THE CONTRACTOR SHALL HAVE A STATE OF FLORIDA CERTIFIED MAINTENANCE OF TRAFFIC SUPERVISOR WITH THE RESPONSIBILITY OF MAINTAINING THE POSITIONING AND CONDITION OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS THROUGHOUT THE DURATION OF THE PROJECT. THE ENGINEER IN CHARGE SHALL BE KEPT ADVISED AS TO THE IDENTIFICATION AND MEANS OF CONTACTING THIS EMPLOYEE ON A 24-HOUR BASIS.
13. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION.
14. THE CONTRACTOR SHALL BE NOISE SENSITIVE FOR NIGHT OPERATIONS.
15. CONTRACTOR TO PERFORM HYDROSTATIC TESTING OF WATER MAIN AND WATER SERVICES.
16. NEW OR RELOCATED WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST 6 FEET AND PREFERABLY 10 FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING GRAVITY SEWER, SEWER FORCE MAIN, OR RECLAIMED WATER MAINS. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO 3 FEET WHERE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE SEWER. NEW OR RELOCATED UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR NEW GRAVITY SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 6 INCHES AND PREFERABLY 12 INCHES ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPE LINE. IT IS PREFERABLE TO INSTALL THE WATER MAIN ABOVE OTHER PIPE LINES.
17. AT THE UTILITY CROSSINGS, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE CROSSING PIPELINES, SO THAT WATER LINE JOINTS ARE AS FAR AS POSSIBLE FROM THE CROSSING PIPE. PIPE CROSSINGS SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST 3 FEET FROM JOINTS IN VACUUM-TYPE RECLAIMED WATER SEWER MAINS AND AT LEAST 6 FEET FROM ALL JOINTS IN GRAVITY SEWERS AND SEWER FORCE MAINS.
18. WATER METER SERVICES MAY BE REMOVED/ADDED BASED ON ACTUAL FIELD CONDITIONS.
19. ACTUAL LOCATIONS AND SIZES OF WATER MAINS AND METERS MAY VARY FROM WHAT IS SHOWN. CONTRACTOR IS RESPONSIBLE FOR FIELD VISIT PRIOR TO BID.
20. TAPS MAY BE DELETED IF NEW MAIN CAN BE CONNECTED DIRECTLY TO OLD MAIN VIA PIPE-SLEEVES AND/OR EXISTING VALVES.
21. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE EXISTING SEWER LATERALS. CITY MAY PROVIDE AS-BUILTS IF REQUESTED.
22. WHERE WATER METERS ARE TO BE RELOCATED, THE COST OF MATERIAL AND LABOR TO RELOCATE THE METER BOX TO THE NEW LOCATION SHALL BE CONSIDERED PART OF THE RELOCATION COST AND SHALL INCLUDE METER RELOCATIONS WITHIN 20' OF THE ORIGINAL LOCATION. FOR RELOCATIONS MORE THAN 20' FROM THE OLD LOCATION, THE COST OF LABOR AND MATERIAL SHALL BE INCLUDED IN THE COST PER FOOT FOR "EXTENDING CUSTOMER SERVICE TO RELOCATED METER".
23. WHERE NON-STANDARD METER BOXES ARE FOUND, THE CONTRACTOR SHALL REPLACE THE EXISTING METER BOX WITH A STANDARD GULF BOX. UNIT PRICE SHALL INCLUDE ALL MATERIALS NECESSARY TO REMOVE AND REPLACE THE METER BOX.
24. WHERE WATER MAINS AND APPURTENANCES ARE TO BE ABANDONED, THE CONTRACTOR SHALL ABANDON THE SYSTEM AS FOLLOWS:
25. WATER VALVES - REMOVE ALL WATER VALVES ON ABANDONED WATER MAINS WHERE WATER MAINS CAN BE SHUT DOWN OR REDUCED TO A WORKABLE FLOW. FOR WATER MAINS THAT CANNOT BE SHUT DOWN FOR VALVE REMOVAL, THEN THE CONTRACTOR SHALL CLOSE THE VALVE, REMOVE VALVE BOX, CUT AND CAP PIPES ON DOWNSTREAM SIDE OF THE VALVE.
26. FIRE HYDRANTS - REMOVE ALL FIRE HYDRANT ASSEMBLIES (FROM VALVE TO HYDRANT) ON EXISTING MAINS WHICH ARE TO BE ABANDONED AND CAP TEE.
27. WATER SERVICES - CLOSE SERVICE VALVE AT WATER MAIN, THEN CUT AND CAP SERVICE PIPE AT SERVICE VALVE. REMOVE ALL METER BOXES, AND CAP ALL PIPES LEFT IN PLACE.
28. WATER MAINS - REMOVE PIPE WHERE REQUIRED FOR CONSTRUCTION. WHERE PIPES ARE LEFT IN PLACE, CAP ALL EXPOSED PIPES. WHERE PIPES LEFT IN PLACE ARE CUT, BROKEN, OR DAMAGED, THE PIPE IS TO BE CUT AND PIPE ENDS TO BE CAPPED ACCORDINGLY. IF REQUIRED FOR PIPES IN FDOT RIGHT-OF-WAY, THEN GROUT ALL ABANDONED PIPES AND FILL WITH FLOWABLE FILL.
29. WHERE PAVEMENT HAS TO BE REMOVED, REPLACE PAVEMENT IN ACCORDANCE WITH DETAIL 478-6.1B TO PROPERLY ABANDON THE WATER MAIN. PAVEMENT IN FDOT RIGHT-OF-WAY SHALL BE REPLACED TO FDOT STANDARDS IN ACCORDANCE WITH PERMIT REQUIREMENTS. RE-STRIPE PAVEMENT AS REQUIRED.
30. WHERE 2" WATER MAINS ARE CALLED FOR ON THE PLANS, INSTALL STANDARD 2" PVC WATER MAINS IN ALL CITY RIGHT OF WAYS AND 2" HDPE IN ALL FDOT RIGHT OF WAYS. FOR ALL DRIVEWAY AND STREET CROSSINGS, CITY AND FDOT, DIRECTIONAL BORE 2" HDPE. AT THE DISCRETION OF THE ENGINEER, DIRECTIONAL BORES MAY BE EXTENDED BETWEEN REQUIRED BORES TO AVOID MULTIPLE TRANSITIONS BETWEEN PIPE MATERIALS IN A SHORT AREA OF PIPE.

ENVIRONMENTAL NOTES:

1. THE CITY OF OCALA OPERATES UNDER A FDEP NPDES "GENERAL PERMIT" THAT REQUIRES THE CITY AND, IN TURN, ITS CONTRACTORS TO FOLLOW CERTAIN ENVIRONMENTAL PRACTICES AND PROCEDURES TO PREVENT THE POLLUTION OF THE CITY'S GROUNDWATER AND STORMWATER SYSTEM.
2. ALL WATER COLLECTED AND PUMPED DURING TRENCH DEWATERING ACTIVITIES SHALL BE DISPOSED OF IN UPLAND AREAS INTO DISCHARGE LOCATIONS THAT SHALL BE A MINIMUM OF 75 FEET FROM THE NEAREST WATER BODY OR WETLAND AREA TO ALLOW FOR MAXIMUM OVERLAND FILTRATION OF SOIL PARTICLES.
3. STAKED SILT SCREEN, TURBIDITY BARRIERS OR OTHER PERIMETER CONTROL METHODS APPROVED BY FDEP SHALL BE UTILIZED AS SILT BARRIERS AND PLACED IN LOCATIONS SHOWN ON THE PLANS AND AT OTHER LOCATIONS AS REQUIRED TO KEEP SEDIMENT FROM REACHING PRIVATE PROPERTY. THESE BARRIERS SHALL BE INSTALLED BEFORE COMMENCING WITH ANY CONSTRUCTION WITHIN OR ADJACENT TO PRIVATE PROPERTY. THE CONTRACTOR SHALL MONITOR AND MAINTAIN ALL SILT BARRIERS AND FENCING INCLUDING DAILY INSPECTIONS TO CHECK THEIR INTEGRITY. ANY LOOSE OR DAMAGED SILT BARRIERS AND FENCING SHALL BE IMMEDIATELY REPAIRED OR REPLACED AS NECESSARY. ONCE CONSTRUCTION IS COMPLETED AND FINISHED GRADING AND STABILIZATION HAS BEEN ACHIEVED, SILT BARRIERS AND FENCING SHALL BE COMPLETELY REMOVED TO THE SATISFACTION OF THE ENGINEER AND BEFORE FINAL ACCEPTANCE.
4. THE CONTRACTOR SHALL NOT REMOVE ANY TREES WITHOUT COORDINATING SUCH REMOVAL WITH THE ENGINEER. IF ANY TREES ARE REMOVED IN WETLAND JURISDICTIONAL, OR NATIVE VEGETATION AREAS WITHOUT PROPER AUTHORIZATION, CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A DETAILED RESTORATION AND/OR MITIGATION PLAN, SUBMITTING PLAN TO AND OBTAINING APPROVAL FROM FDEP, WATER MANAGEMENT DISTRICT, CITY, OWNER AND ENGINEER, AND COMPLETING ANY MONITORING AND MAINTENANCE REQUIREMENTS IMPOSED AS A RESULT OF TREE REMOVAL.

THE CONTRACTOR SHALL:

5. HANDLE, COLLECT, AND DISPOSE OF HAZARDOUS MATERIALS, SANITARY WASTE, AND CONSTRUCTION WASTE MATERIALS ACCORDING TO THE APPLICABLE STATE LAWS AND REGULATIONS, CITY ORDINANCES, OR AS DIRECTED BY THE CITY.
6. DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE AN CONCRETE TRUCK DRUM WASH WATER. INSTALL A CONTAINMENT BERM AROUND THIS DESIGNATED AREA TO PREVENT RUNOFF BEYOND THE DESIGNATED AREA. ALL SURPLUS CONCRETE SHALL BE REMOVED FROM THE PROJECT SITE PRIOR TO FINAL INSPECTION.
7. STORE AND USE PETROLEUM AND OTHER HAZARDOUS PRODUCTS ACCORDING TO RECOMMENDED PROCEDURES.
8. FOLLOW GOOD HOUSEKEEPING PRACTICES TO MINIMIZE THE RISK OF SPILLS OR UNINTENDED EXPOSURE OF PETROLEUM AND OTHER HAZARDOUS MATERIALS TO STORMWATER RUNOFF OR SEEPAGE INTO THE GROUNDWATER.
9. HAVE PRE-PREPARED PROCEDURES CLEARLY POSTED FOR SPILL CONTAINMENT AND CLEAN-UP.
10. HAVE READILY AVAILABLE REMEDIATION MATERIALS FOR SPILL CONTAINMENT AND CLEAN-UP.
11. UPON RELEASE, IMMEDIATELY INITIATE RECOMMENDED METHODS FOR SPILL CONTAINMENT AND CLEAN-UP.
12. WITHIN 24-HOURS OF THE SPILL/RELEASE, NOTIFY THE 'STATE WARNING POINT' (AT 1.800.320.0519 OR 1.850.413.9911) OF ALL RELEASES EQUAL TO OR EXCEEDING THE REPORTABLE QUANTITY.

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PREVENT THE DISCHARGE OF SEDIMENT DUE TO CONSTRUCTION OPERATIONS. ALL NEW AND EXISTING DRAIN PIPES AND STRUCTURES SHALL BE FLUSHED CLEAN PRIOR TO FINAL PAYMENT.
2. ALL STORM SEWER INLETS SHALL BE PROTECTED SO THAT SEDIMENT LADEN WATER WILL NOT ENTER THE STORM SYSTEM WITHOUT FIRST BEING FILTERED.
3. ALL DISTURBED AREAS ARE TO BE SODDED. ALL STABILIZATION PRACTICES SHALL BE PERFORMED AS SOON AS PRACTICAL AT LOCATIONS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER IS ACHIEVED AND, IN THE OPINION OF THE ENGINEER, PROVIDES ADEQUATE COVER AND IS MATURE ENOUGH TO CONTROL SOIL EROSION SATISFACTORILY, TO SURVIVE ADVERSE WEATHER CONDITIONS.
4. STAKED SILT FENCE SHALL BE PLACED IN ACCORDANCE WITH CITY OF OCALA SPECIFICATIONS.
5. THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES. ALL FERTILIZERS, HYDROCARBON, OR OTHER CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
6. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY. AREAS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE DAMPENED WITH WATER AS REQUIRED FOR DUST CONTROL.
7. THE CONTRACTOR WILL ADHERE TO ALL STATE AND LOCAL REGULATIONS.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES, AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES AFTER THE NOTICE OF TERMINATION. MAINTENANCE AND REPAIR REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION SHALL BE INCLUDED IN THE PROJECT COST.
9. TOXIC SUBSTANCES SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO THE EPA'S STANDARD PRACTICES.
10. THE FOLLOWING PRACTICES WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS:
 - A. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER.
 - B. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
 - C. ALL POLLUTION CONTROLS SHALL BE MAINTAINED AT ALL TIMES.
 - D. BUILT UP SEDIMENT WILL BE REMOVED FROM STAKED SILT FENCE WHEN IT HAS REACHED ONE-HALF THE HEIGHT OF THE SILT FENCE.
11. POLLUTION CONTROL MEASURES SHALL BE INSPECTED DAILY. WRITTEN DOCUMENTATION OF INSPECTIONS SHALL BE WRITTEN EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF A RAIN EVENT OF 0.5 INCHES OR GREATER.
12. THE CONTRACTOR WILL PROVIDE THE CITY OF OCALA WITH AN EROSION CONTROL PLAN THAT WILL INCLUDE SPILL REPORTING AND RESPONSE. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT THE PROJECT ENGINEER.

R E V I S I O N S				HECTOR A. COLON, PE P.E. LICENSE NUMBER 84007 CITY OF OCALA, FLORIDA 1805 NE 30TH AVENUE OCALA, FLORIDA 34470	P R E P A R E D B Y	P R O J E C T N O . 2 1 3 0 8	S H E E T N O . 3
D A T E	D E S C R I P T I O N	D A T E	D E S C R I P T I O N			P R O J E C T N A M E : F O R T K I N G R E S T R O O M S	
----					<i>GENERAL NOTES</i>		

FDOT NOTES:

1. ALL CONSTRUCTION WITHIN THE FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS, AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE UTILITY ACCOMMODATION (UAM).
2. RESTORE AND RE-SOD ALL DISTURBED AREAS WITH ARGENTINE BAHIA IN ACCORDANCE WITH THE FDOT STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL MAINTAIN THAT PORTION OF THE RIGHT-OF-WAY AFFECTED BY THE PERMIT UNTIL VEGETATION IS ESTABLISHED. PERFORM ALL WORK NECESSARY, INCLUDING WATERING AND FERTILIZING, TO SUSTAIN AN ESTABLISHED TURF UNTIL FINAL ACCEPTANCE, AT NO ADDITIONAL EXPENSE TO FDOT OR THE CITY OF OCALA. PROVIDE FILLING, LEVELING, AND REPAIRING OF ANY WASHED OR ERODED AREAS, AS MAY BE NECESSARY.
3. AT SUCH LOCATIONS WHERE FDOT SIGNS, REFLECTORS, OR OTHER STRUCTURES WILL INTERFERE WITH PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE LOCAL MAINTENANCE OFFICE OR PROJECT ENGINEER 48 HOURS PRIOR TO CONSTRUCTION. ALL ITEMS THAT REQUIRE RELOCATION OR REPLACEMENT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. IF THE WORK IS WITHIN 500' OF THE TRAFFIC SIGNAL CONTRACTOR SHALL CONTACT THE CITY OF OCALA PUBLIC WORKS DEPT. - TRAFFIC OPERATIONS (352) 351-6733
4. THE CONTRACTOR IS RESPONSIBLE FOR MOWING, AT NO ADDITIONAL EXPENSE TO FDOT OR THE CITY OF OCALA, ANY AREA WITHIN PUBLIC RIGHT-OF-WAYS WHERE THE PERMITTED WORK OR WHERE UTILITY LOCATE FLAGS PLACED FOR PERMITTED WORK CREATES A HINDRANCE FOR OR INTERFERES WITH MAINTENANCE ENTITY'S REGULAR MOWING OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MOWING UNTIL ALL SUCH HINDRANCES ARE REMOVED SO THAT REGULAR MAINTENANCE ENTITY MOWING CAN BE RESUMED. THE CONTRACTOR SHALL MEET THE MOWING REQUIREMENTS ESTABLISHED BY THE DEPARTMENT'S MAINTENANCE RATING PROGRAM (MRP). CONTACT THE LOCAL FDOT MAINTENANCE OFFICE FOR DETAILS (352.732.1338)
5. ALL UTILITY LOCATE FLAGS SHALL BE REMOVED BY THE CONTRACTOR WHEN THEY ARE NO LONGER NEEDED.
6. REVIEW AND COMPLY WITH THE "SPECIAL PROVISIONS" AND OTHER ATTACHMENTS TO THE FDOT PERMIT FOR THIS PROJECT.
7. CALL "FLORIDA SUNSHINE ONE-CALL" FOR UTILITY LOCATION SERVICES AT LEAST 2 BUSINESS DAYS PRIOR TO CONSTRUCTION (1-800-432-4770).
8. MAINTENANCE OF TRAFFIC (MOT) PLAN & TRAFFIC CONTROL THROUGHOUT THE WORK ZONE SHALL BE PER THE FDOT STANDARD INDEX 102- 600 SERIES.
9. COORDINATE ALL UTILITY CLEARANCES WITH THE OWNER OF SUCH UTILITIES PRIOR TO CONSTRUCTION COMMENCEMENT.
10. CONTRACTOR SHALL CONDUCT A SIDEWALK SURVEY TO DETERMINE THE EXISTING CONDITION OF AFFECTED SIDEWALKS AND SUBMIT SAID SURVEY TO FDOT AND THE CITY OF OCALA'S ENGINEER OF RECORD PRIOR TO CONSTRUCTION.
11. CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNERS AFFECTED BY PROPOSED CONSTRUCTION ACTIVITIES IN ADVANCE OF SUCH OPERATIONS IN ACCORDANCE WITH FDOT NOTIFICATION REQUIREMENTS.
12. A PRE-CONSTRUCTION CONFERENCE SHALL BE CONDUCTED BY THE CITY OF OCALA WITH THE CONTRACTOR, FDOT PERSONNEL AND MARION COUNTY PERSONNEL.

SURVEY & MAPPING NOTES:

1. COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON FLORIDA STATE PLANE COORDINATES, WEST ZONE AND WERE DERIVED FROM GPS OBSERVATIONS REFERENCED TO THE FDOT PERMANENT REFERENCE NETWORK.
2. ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 AND ARE REFERENCED TO CITY CONTROL POINTS SHOWN ON THIS DRAWING.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO ENSURE ALL EXISTING SURVEY MARKERS ARE LOCATED, CLEARLY MARKED AND PROTECTED, BY THE CONTRACTORS SURVEYOR.
4. ANY SURVEY MARKER, INCLUDING, BUT NOT LIMITED TO, PUBLIC LAND SURVEY SECTION CORNER MARKERS, BENCH MARKS, PROPERTY CORNERS, ETC., WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE PRIOR TO FINAL PAYMENT.
5. ADDITIONALLY, SURVEY STAKES PLACED MARKING THE LOCATIONS OF MARKERS, PROPERTY LINES, RIGHT-OF-WAY LINES, OR ANY OTHER POINT, PLACED FOR CONSTRUCTION AND SUBSEQUENTLY DISTURBED OR DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AS NEEDED AT THE RESPONSIBILITY OF THE CONTRACTOR.
6. RESETTING OF MONUMENTS AND MARKERS SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR, LICENSED TO PRACTICE IN THE STATE OF FLORIDA AND SHOWN AS RE-SET ON AS-BUILT PLANS.
7. UNLESS PRIOR AGREEMENT IS MADE, IT SHALL NOT BE THE RESPONSIBILITY OF THE CITY SURVEYOR TO REPLACE ANY SURVEY MARKERS.


IMPORTANT NOTE TO CONTRACTOR:

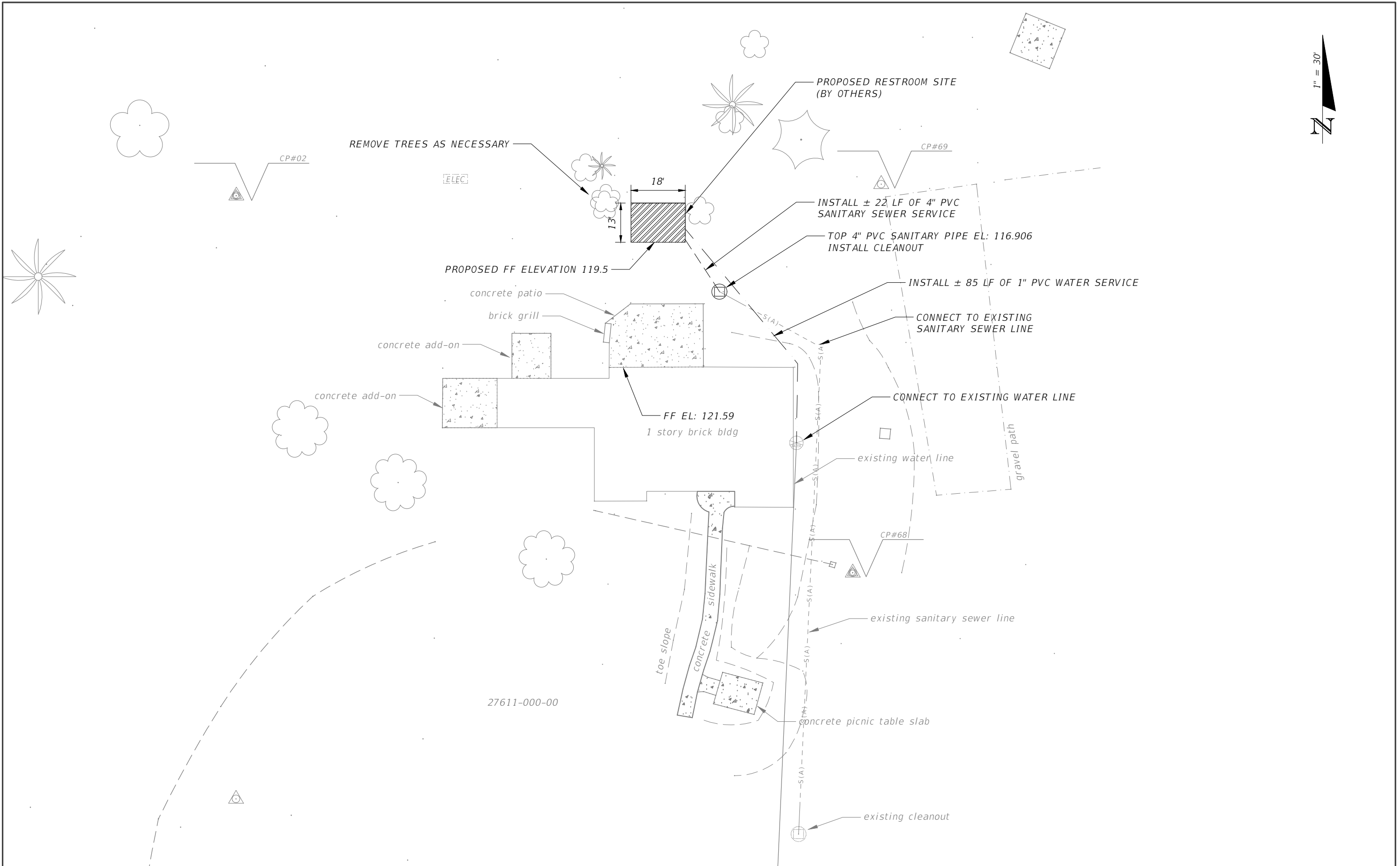
THE CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING UTILITIES IN THE PROJECT AREA AND OTHER UTILITIES WHICH MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION ACTIVITIES. THE CITY OF OCALA WILL MAKE AVAILABLE TO THE CONTRACTOR AWARDED THE PROJECT ALL RELEVANT UTILITY INFORMATION IN THE AREA WITHIN ITS POSSESSION.

DATUM '88

(CONTROL POINTS MATCH SURVEY CONTROL FILE 16-021060)

CP #02 EL = 124.414 FD 5/8 IRC 1764476.723 629871.9351	CP #68 EL = 117.128 FD 5/8 IRC 1764351.695 630076.4340	CP #69 EL = 111.53 FD 5/8 IRC 1764480.526 630085.913
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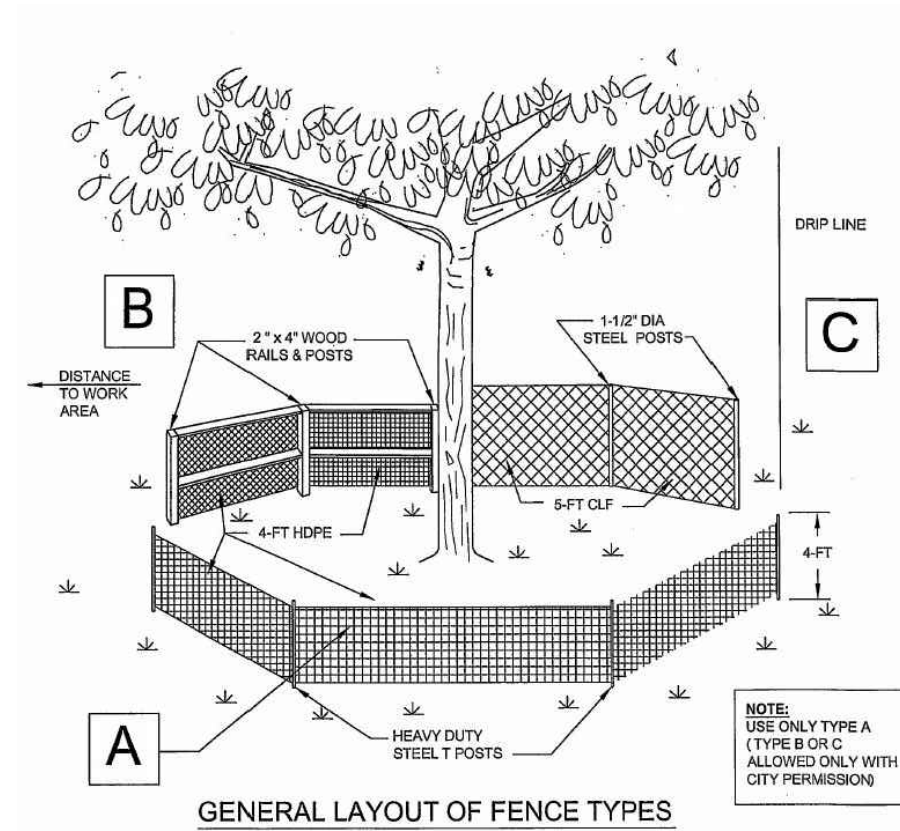
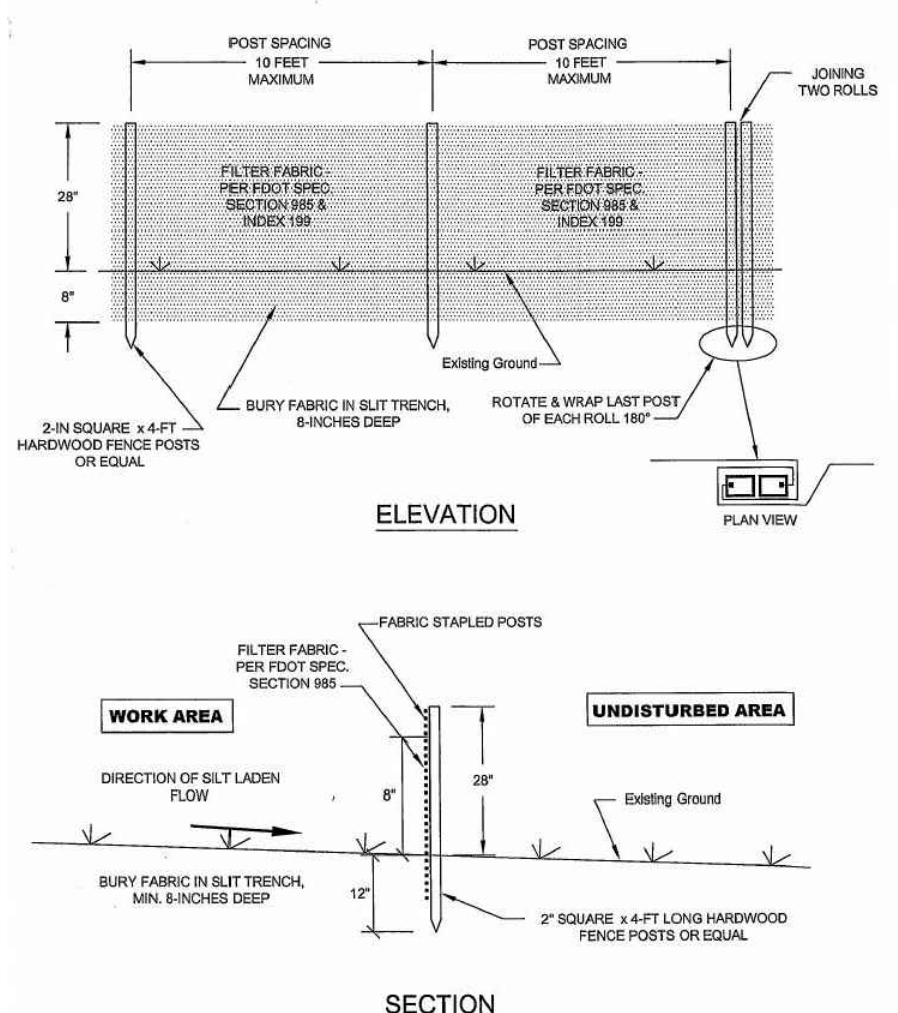
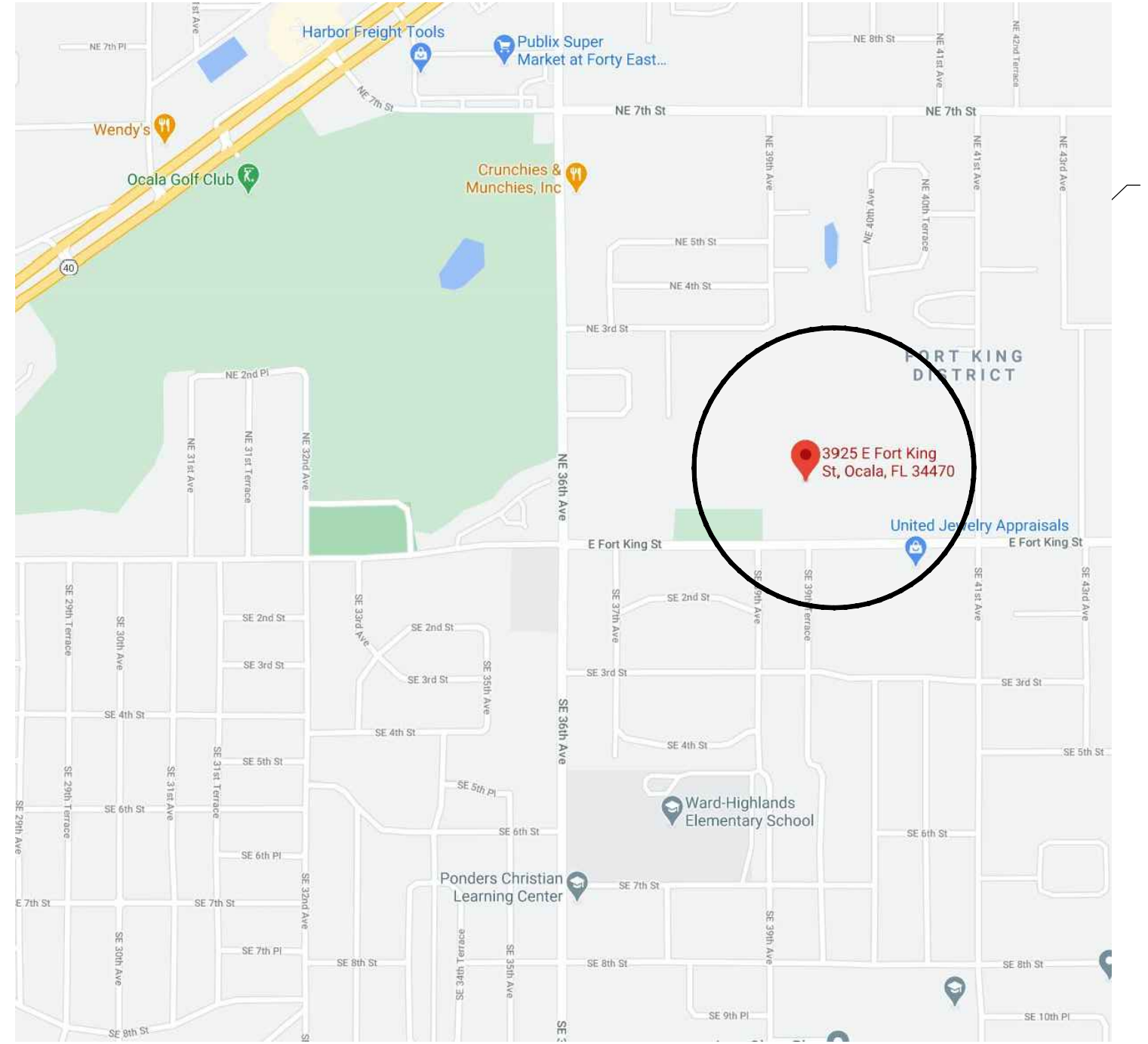


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DATE	DESCRIPTION	DATE	DESCRIPTION	 Melissa Villalobos 7/6/2022 3:21:45 PM	PROJECT NAME: FORT KING RESTROOMS	
						PLAN SHEET

A NEW RESTROOM FOR: CITY OF OCALA: FORT KING NATIONAL HISTORIC PARK

3925 E FORT KING St.
OCALA, FLORIDA 34470

ROLANDO SOSA, ARCHITECT
FL LICENSE: AR 96264

Printed copies of this document are not considered signed and sealed and are for one time use of this project in one location.

BUILDING DATA:	CODE REFERENCE	GENERAL NOTES	DOCUMENTS BY OTHERS	INDEX OF DRAWINGS																															
<p>A NEW 2 STALL RESTROOM</p> <p>WIND LOADING CRITERIA:</p> <p>FGC TABLE 1609.3(1)</p> <p>BASIC WINDSPEED: 140 MPH</p> <p>WIND IMPORTANCE FACTOR: 1</p> <p>WIND EXPOSURE: B</p> <p>APPLICABLE INTERNAL PRESSURE COEFFICIENT: 0.18 FOR ENCLOSED STRUCTURES AND 0.55 FOR COVERED ENTRIES.</p> <p>A= 3'-6" (MIN. USING 40% EAVE HT.)</p> <p>COMPONENT 4 GLADDING DESIGN PRESSURE LOADS: SUPPLIERS / MANUFACTURERS OF ALL GLADDING AND COMPONENTS (INCLUDING, BUT NOT LIMITED TO: SIDING, ROOFING, DOORS, WINDOWS, ANNINGS, ETC.) WILL SUBMIT REPORTS & DATA SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA DOCUMENTING COMPLIANCE WITH THIS PROVISION OF THE FLORIDA BUILDING CODE, 2011 EDITION.</p>	<p>APPLICABLE CODES:</p> <p>THIS PROJECT IS DESIGNED TO MEET THE REQUIREMENTS OF: FLORIDA BUILDING CODE (FBC) 11TH EDITION 2020: BUILDING FLORIDA BUILDING CODE (FBC) 11TH EDITION 2020: PLUMBING FLORIDA BUILDING CODE (FBC) 11TH EDITION 2020: MECHANICAL FLORIDA BUILDING CODE (FBC) 11TH EDITION 2020: FUEL GAS FLORIDA BUILDING CODE (FBC) 11TH EDITION 2020: ACCESSIBILITY FLORIDA FIRE PREVENTION CODE 11TH EDITION 2020 FLORIDA BUILDING CODE (FBC) 11TH EDITION 2020: ENERGY CONSERVATION CODE NATIONAL ELECTRIC CODE 2017</p> <p>PRIMARY OCCUPANCY (FBC CHAPTER 9):</p> <p>UTILITY - GROUP U</p> <p>TYPE OF CONSTRUCTION (FBC CHAPTER 6):</p> <p>TYPE V-B (UNPROTECTED & UNSPRINKLERED)</p> <p>RISK CATEGORY (FBC CHAPTER 16 TABLE 1604.5):</p> <p>RISK CATEGORY: II</p> <p>GENERAL BUILDING LIMITATIONS (FBC TABLE 504.5):</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>GROUP U</th> <th>TYPE V-B (UNPROTECTED, UNSPRINKLERED) ALLOWABLE:</th> <th>PROVIDED:</th> </tr> </thead> <tbody> <tr> <td>MAX HEIGHT</td> <td>40'-0"</td> <td>11'-0" ±</td> </tr> <tr> <td>MAX STORIES</td> <td>2</td> <td>1</td> </tr> <tr> <td>MAX AREA</td> <td>9,500 SF (GROSS)</td> <td>212 SF TOTAL (GROSS)</td> </tr> </tbody> </table>	GROUP U	TYPE V-B (UNPROTECTED, UNSPRINKLERED) ALLOWABLE:	PROVIDED:	MAX HEIGHT	40'-0"	11'-0" ±	MAX STORIES	2	1	MAX AREA	9,500 SF (GROSS)	212 SF TOTAL (GROSS)	<p>ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH ALL GOVERNING NATIONAL, STATE AND LOCAL CODES AND REGULATIONS.</p> <p>ALTHOUGH EVERY EFFORT HAVE BEEN MADE TO PROVIDE CLEAR AND CONCISE DOCUMENTS, ANY CONFLICTS FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR HIS CLARIFICATION OR DETERMINATION OF WHICH CONDITION (MATERIAL / CALLOUTS/ OR DETAILS) SHALL GOVERN. IF THE ARCHITECT IS NOT NOTIFIED OF CONFLICTS THEN THE MOST STRINGENT WILL BE USED AS DETERMINED BY THE ARCHITECT.</p> <p>ALL BUILDING ELEMENTS SHALL BE INSTALLED STRAIGHT, LEVEL, PLUMB AND SQUARE. ALL GYPSUM WALL BOARD SHALL BE INSTALLED VERTICALLY W/ NO HORIZONTAL JOINTS.</p> <p>DUE TO MATERIAL TOLERANCES THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS WITH ACTUAL CONDITIONS ON THE SITE AND REPORT ANY DIFFERENCES TO THE ARCHITECT FOR INTERPRETATION AND RESOLUTION PRIOR TO COMMENCEMENT OF WORK.</p> <p>EROSION AND SEDIMENTATION CONTROL. (A) CONTRACTOR SHALL UTILIZE EROSION/SEDIMENTATION CONTROL BEST MANAGEMENT PRACTICES AS NECESSARY DURING CONSTRUCTION TO RETAIN SEDIMENT ONSITE. (B) EROSION/SEDIMENTATION CONTROL MEASURES SHALL BE PLACED PRIOR TO SITE WORK. (C) AREAS RECEIVING RUNOFF FROM CONSTRUCTION SITE SHALL BE PROTECTED WITH SILT FENCE PER THE SILT FENCE DETAIL PROVIDED LATER IN THE PLAN SET. (D) ALL EROSION/SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING CONDITION THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL CHECK AND REPAIR, IF NECESSARY, THE EROSION/SEDIMENTATION CONTROL MEASURES AT THE END OF EACH WORKING DAY.</p> <p>PROVIDE TREE PROTECTION AS DETAILED LATER IN THE PLAN SET FOR ANY TREE WITHIN 50 FEET OF THE BUILDING.</p> <p>CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY LOCATES PRIOR TO START OF WORK IN COMPLIANCE WITH STATE LAW</p> <p>CONTRACTOR SHALL HAUL ALL EXCESS MATERIALS OFF THE JOB SITE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DISPOSE OF ALL EXCESS MATERIAL AFTER IT IS DETERMINED THAT IT IS NO LONGER NEEDED ON THE JOB. CONTRACTOR SHALL CLEAN UP ALL DEBRIS AT THE END OF EACH WORK DAY.</p> <p>CONTRACTOR IS RESPONSIBLE FOR THE SECURITY OF ALL MATERIALS DURING CONSTRUCTION AND UNTIL THE CITY ACCEPTS THE FINISHED PROJECT AT SUBSTANTIAL COMPLETION.</p>	<p>1) TRUSS SUMMARY NOTES SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THIS STATE WITH UPLIFT REACTIONS FOR EACH TRUSS AND SPECIFICATION OF EACH HURRICANE ANCHOR. SUBMIT WITH THESE DOCUMENTS FOR PERMITTING.</p> <p>2) SUBMIT 3 COPIES UPON COMPLETION SIGNED & SEALED FINAL TRUSS ENGINEERING DOCUMENTS WITH CALCULATIONS AND FRAMING PLAN(S) TO THE PERMITTING AUTHORITY. PROVIDE ARCHITECT WITH 2 COPIES OF DOCUMENTS FOR REVIEW & APPROVAL PRIOR TO ISSUING FINAL SETS.</p> <p>3) COMPONENT 4 GLADDING - MANUFACTURERS OF DOORS, WINDOWS, AND OTHER GLADDING COMPONENTS PROVIDE STANDARD SIGNED AND SEALED ENGINEERING CERTIFICATION FOR PRODUCT INSTALLATIONS TO MEET LOADS NOTED ON THE FLOOR PLAN.</p> <p>4) MASTER ELECTRICIAN TO PROVIDE DESIGN / BUILD PACKAGE W/ PROJECT & MUST VERIFY EXISTING CONDITIONS & ADD CAPACITY CIRCUITING AS REQUIRED FOR NEW LOADS TO MEET ALL CODES.</p> <p>5) PLUMBER TO PROVIDE DESIGN / BUILD PACKAGE W/ PROJECT & MUST VERIFY EXISTING CONDITIONS.</p> <p>6) HVAC SPECIALIST TO PROVIDE DESIGN / BUILD PACKAGE W/ PROJECT & MUST VERIFY EXISTING CONDITIONS.</p>	<p>ARCHITECTURAL</p> <p>A000 COVER, PROJECT INFORMATION</p> <p>A100 FOUNDATION & FLOOR PLAN</p> <p>A200 EXTERIOR ELEVATIONS</p> <p>A300 ROOF PLAN & SECTIONS</p> <p>A400 PLUMBING PLAN</p> <p>A500 ELECTRICAL PLAN</p>																			
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	 <p>GENERAL LAYOUT OF FENCE TYPES</p> <p>NOTE: USE ONLY TYPE A (TYPE B OR C ALLOWED ONLY WITH CITY PERMISSION)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FENCE TYPE</th> <th>FENCE FABRIC MATERIAL</th> <th>SET FENCE AT</th> <th>DISTANCE TO WORK AREA</th> <th>FENCE HEIGHT (MIN)</th> <th>POST TYPE</th> <th>POST SPACING & TOP SUPPORT</th> <th>MIDDLE SUPPORT</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>HORZ HEAVY-DUTY ORANGE CONSTRUCTION BARRIER</td> <td>DRIP LINE</td> <td>10- FEET OR MORE</td> <td>4- FEET</td> <td>H-DUTY T-POST</td> <td>8- FEET</td> <td>18 GAUGE WIRE</td> </tr> <tr> <td>B</td> <td>HORZ HEAVY-DUTY ORANGE CONSTRUCTION BARRIER</td> <td>50% OF DRIP LINE</td> <td>5- FEET</td> <td>4- FEET</td> <td>2" X 4" WOOD</td> <td>12- FEET</td> <td>2" X 4" WOOD</td> </tr> <tr> <td>C</td> <td>GALVANIZED STEEL CHAIN LINK</td> <td>75% OF DRIP LINE</td> <td>5- FEET</td> <td>5- FEET</td> <td>1-1/2" DIA STEEL</td> <td>12- FEET</td> <td>NONE</td> </tr> </tbody> </table>	FENCE TYPE	FENCE FABRIC MATERIAL	SET FENCE AT	DISTANCE TO WORK AREA	FENCE HEIGHT (MIN)	POST TYPE	POST SPACING & TOP SUPPORT	MIDDLE SUPPORT	A	HORZ HEAVY-DUTY ORANGE CONSTRUCTION BARRIER	DRIP LINE	10- FEET OR MORE	4- FEET	H-DUTY T-POST	8- FEET	18 GAUGE WIRE	B	HORZ HEAVY-DUTY ORANGE CONSTRUCTION BARRIER	50% OF DRIP LINE	5- FEET	4- FEET	2" X 4" WOOD	12- FEET	2" X 4" WOOD	C	GALVANIZED STEEL CHAIN LINK	75% OF DRIP LINE	5- FEET	5- FEET	1-1/2" DIA STEEL	12- FEET	NONE	 <p>ELEVATION</p> <p>SECTION</p> <p>WORK AREA</p> <p>UNDISTURBED AREA</p>	 <p>ARCHITECTURAL LOCATION PLAN SCALE: N.T.S.</p> <p style="text-align: center;">NORTH</p>
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	 <p>CITY OF OCALA STANDARD</p>	 <p>SILT FENCE</p>	<p>E-1</p> <p>DATE: 07.21.2024</p>																																

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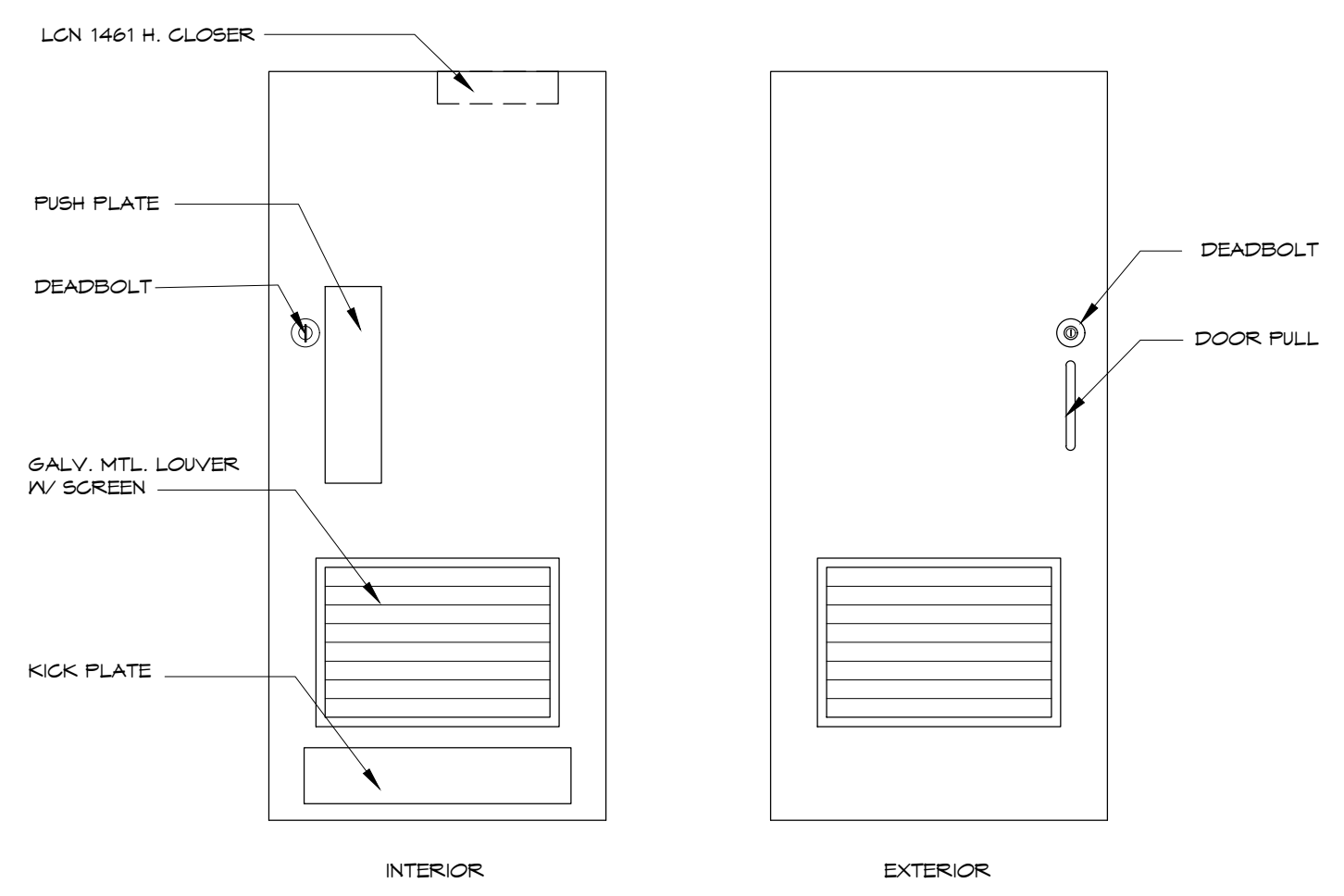
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A NEW RESTROOMS AREA FOR:
FORT KING NATIONAL HISTORIC PARK
 OCALA, FLORIDA

project no. 2137
 by JP date 07.27.22
 sheet no.

A000

DOOR SCHEDULE							REMARKS
MARK	PAIR	SIZE			CONST. MATL.	FRAME	
		WIDTH	HEIGHT	THICKNESS			
DD1		3'-0"	6'-8"	1 3/4"	18 GA. GALV. DOOR	18 GA. GALV. FRAME	WITH GALV. MTL. LOUVER W/ SCREEN
DD2		3'-0"	6'-8"	1 3/4"	18 GA. GALV. DOOR	18 GA. GALV. FRAME	WITH GALV. MTL. LOUVER W/ SCREEN



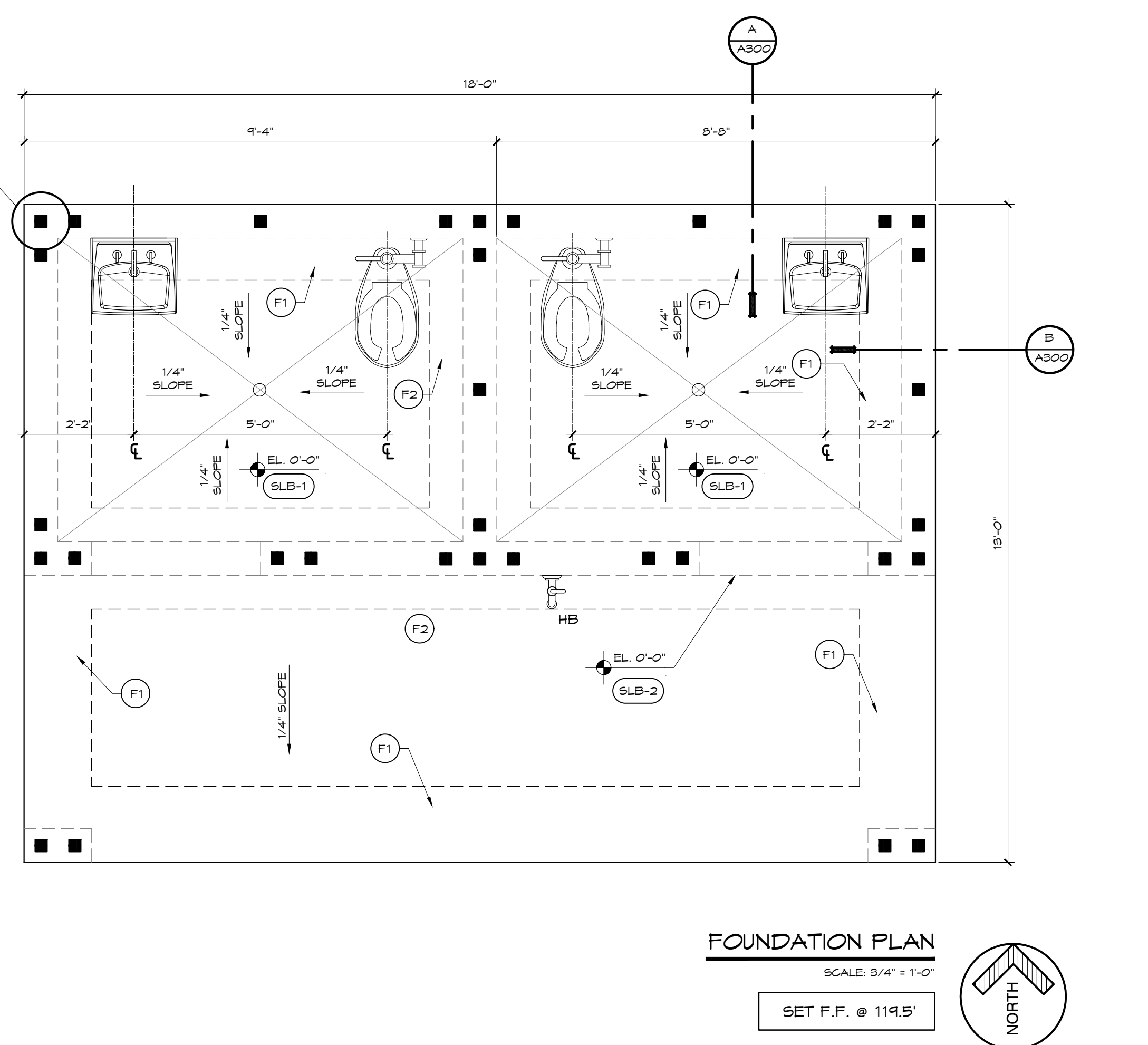
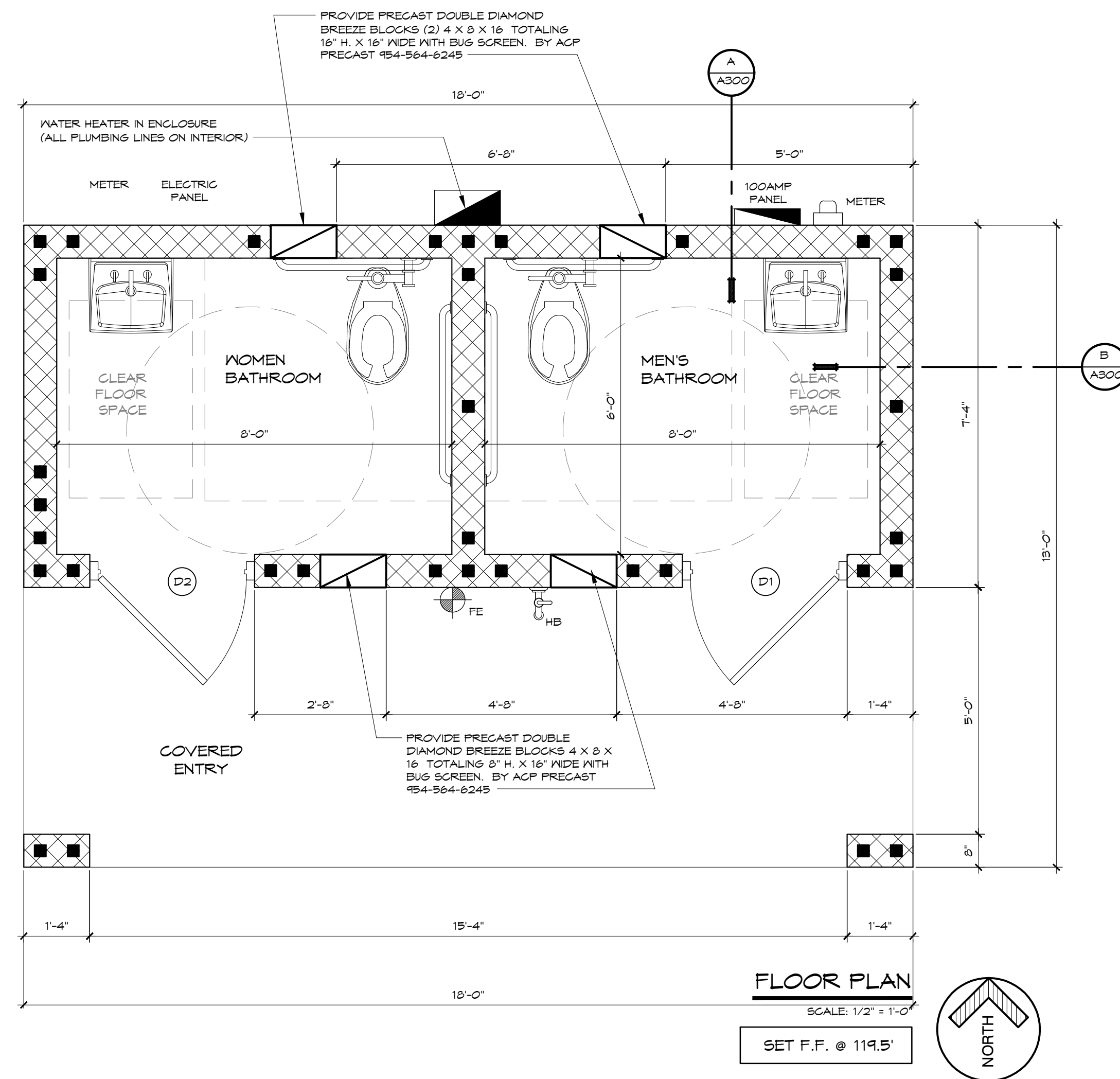
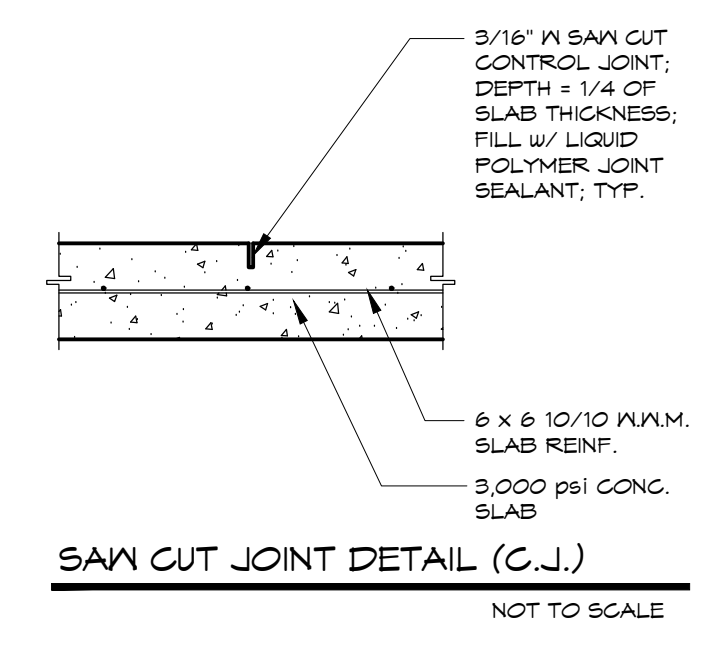
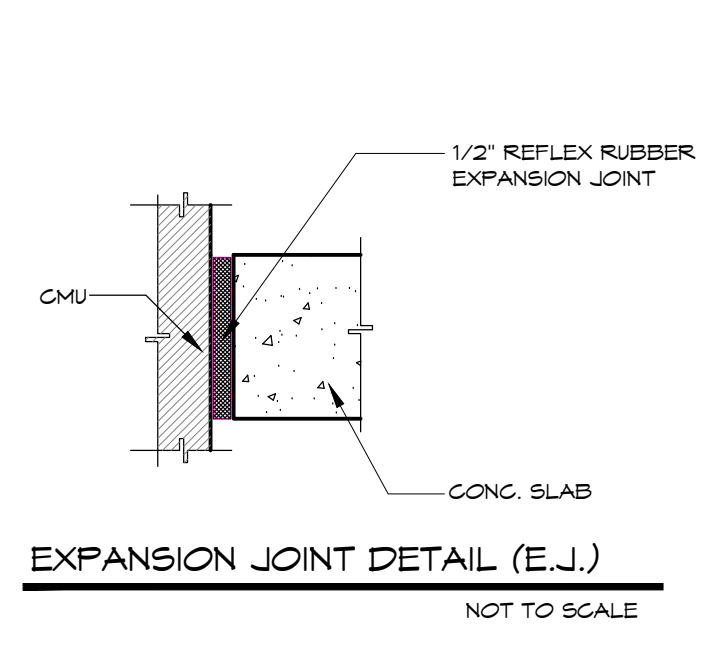
EPOXY PAINT SPECIFICATIONS	
SPECIFICATIONS AND QUALITY OF DESIGN STANDARD (BASIS OF DESIGN) BASED ON KEY RESIN COMPANY: KEY QUARTZ CHIP 100.	
KEY RESIN COMPANY: 888-943-4932, WWW.KEYRESIN.COM	
SYSTEM DESCRIPTION: HEAVY DUTY, THREE-COMPONENT EPOXY RESIN SURFACING BROADCASTED WITH COLORED CHIPS, GROUTED WITH KEY #512 CHEMICAL AND UV RESISTANT EPOXY AND SEALED WITH KEY #467H5 ALIPHATIC LOW ODOR 90% SOLIDS URETHANE (VOC CONTENT 100 G/L)	

HARDWARE SCHEDULE				
QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MANUF.
3	HINGE	TA2T14 4 1/2" X 4 1/2"	US26D	MCKINNEY
1	CLOSER	LCN 1461 H	ALUMINUM	LCN
1	DOOR STOP	473	US26D	ROCKWOOD
1	SILENCER	603-RKM	-	ROCKWOOD
1	KICK PLATE	K1050 8" X 2" LDW	US32D	ROCKWOOD
1	HANDLES	PULL PLATE: 10" X 10" PUSH PLATE: 1" (8" X 16")	US32D	ROCKWOOD
1	INDICATOR DEADBOLT	B571626	626	SCHLAGE

NOTE:
VERIFY ALL REQUIREMENTS W/ CITY OF OCALA.

MINIMUM REQUIRED LAP SPLICES FOR REINFORCING RODS (GRADE 60 STEEL)					
ROD DIA.	LAP / SPLICE	ROD DIA.	LAP / SPLICE	ROD DIA.	LAP / SPLICE
No.3	18"	No.6	36"	No.9	50"
No.4	24"	No.7	42"	No.10	55"
No.5	30"	No.8	66"	No.11	96"

FOUNDATION SCHEDULE			
MARK	WxD	TYPE	REINFORCING
(F1)	18" W x 20" D	MONOLITHIC (THICKENED EDGE SLAB)	(3) #5 DIA. STL. RODS CONT.
(F2)	24" W x 16" D	MONOLITHIC (THICKENED EDGE SLAB)	(4) #5 DIA. STL. RODS CONT. BOT. & #5 DIA. STL. RODS @ 48" O.C. TOP



SQ. FT. DATA	
RESTROOM AREA	132 SQ. FT.
COVERED ENTRY AREA	102 SQ. FT.
TOTAL	234 SQ. FT.

- LEGEND**
- EXTERIOR MASONRY WALL:
- 8" CMU EXTERIOR BLOCK WALL REINFORCED W/ #5 @ VERTICAL REBAR @ 4'-0" O.C. MAX.
 - INDICATES (1) NO. 5 DIA. VERTICAL STEEL ROD REINFORCING FROM FOOTING TO TOP BOND BEAM IN 3,000 PSI PEA GRAVEL GROUT FILLED BLOCK CELLS. PROVIDE 6" MIN. EMBEDMENT AND STANDARD HOOK TOP AND BOTTOM AND 30" MINIMUM LAPS / SPLICES.
 - (D1) DOOR SYMBOL
 - FE NATIONAL FIRE SUPPLY CABINET #5 CABR W/ 5 LB. ABC FIRE EXTINGUISHER

- GENERAL NOTES**
- ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH ALL GOVERNING NATIONAL, STATE AND LOCAL CODES AND REGULATIONS.
 - ALL BUILDING ELEMENTS SHALL BE INSTALLED STRAIGHT, LEVEL, PLUMB AND SQUARE. ALL GYPSUM WALL BOARD SHALL BE INSTALLED VERTICALLY W/ NO HORIZONTAL JOINTS.
 - DUE TO MATERIAL TOLERANCES THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS WITH ACTUAL CONDITIONS ON THE SITE AND REPORT ANY DIFFERENCES TO THE ARCHITECT FOR INTERPRETATION AND RESOLUTION PRIOR TO COMMENCEMENT OF WORK.

- NOTES:**
- CLEAR OPENINGS OF EGRESS WINDOWS TO CONFORM WITH REQUIREMENTS OF LIFE SAFETY CODES
 - DOOR INSTALLATION AS PER TABLE 1604
 - DOORS TO BE DESIGNED WITH REQUIREMENTS FOR COMPONENTS & CLADDING LOADS OF SECTION 1604.6.2 AND R301.2(2).

- LEGEND**
- EL. 0'-0" INDICATES ASSUMED FINISH FLOOR ELEVATION
 - INDICATES (1) NO. 5 DIA. VERTICAL STEEL ROD REINFORCING FROM FOOTING TO TOP BOND BEAM IN 3,000 PSI PEA GRAVEL GROUT FILLED BLOCK CELLS. PROVIDE 6" MIN. EMBEDMENT AND STANDARD HOOK TOP AND BOTTOM AND 30" MINIMUM LAPS / SPLICES.
 - CJ SAW CUT JOINT. MIN CUT 1/4" OF THE THICKNESS OF FINISH CONCRETE SLAB.
 - SLB-1 NEW 4" - 3,000 PSI CONC. SLAB REINF'D W/ 6x6 # 10/10 M/M OR COMMERCIAL FIBERMESH MIX OVER 10 MIL. POLYETHYLENE VAPOR BARRIER OVER CLEAN 98% COMPACTED POISON TREATED EARTHEN FILL.
 - SLB-2 4" - 3,000 PSI CONC. SLAB REINF'D W/ 6x6 # 10/10 M/M OR COMMERCIAL FIBERMESH MIX OVER 10 MIL. POLYETHYLENE VAPOR BARRIER OVER CLEAN 98% COMPACTED POISON TREATED EARTHEN FILL. PROVIDE NON SLIP BROOM FINISH AT ALL EXTERIOR SLABS. W/ SLOPE TO SHED WATER AWAY FROM BUILDING
 - (F01) FOOTING SYMBOL

NOTE:
DRINKING FOUNTAIN WITHIN THE PARK

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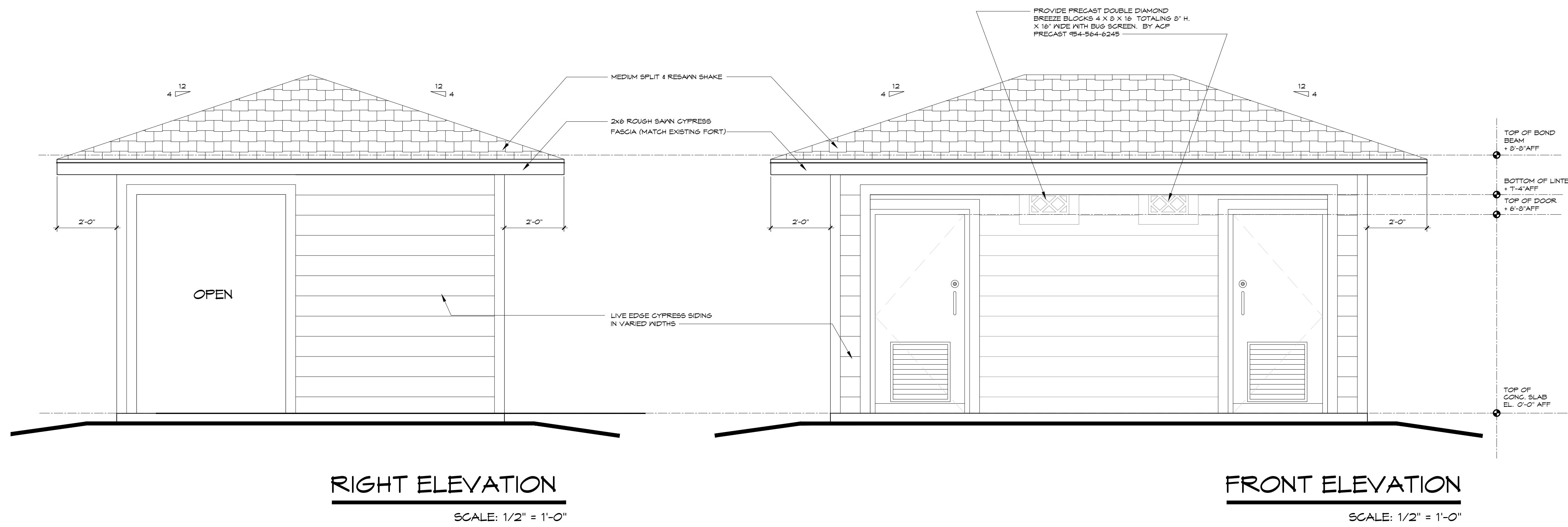
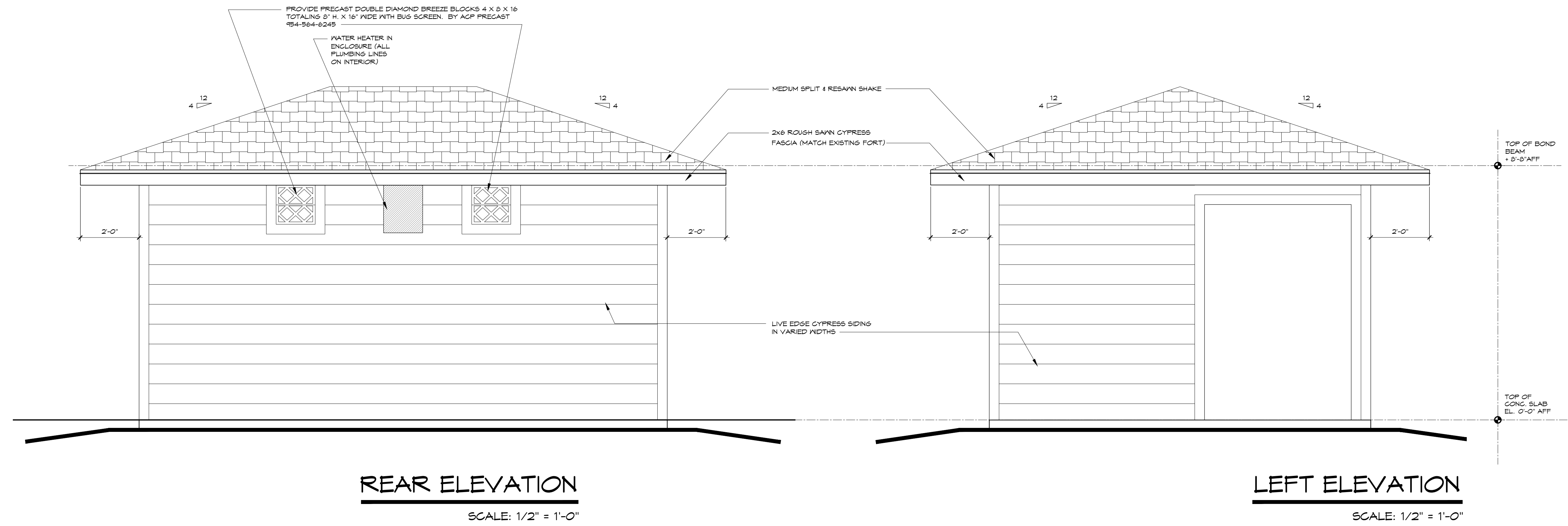
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p:(352) 620-0544 f:(352) 620-0996 www.sosarchitect.com
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FORT KING NATIONAL HISTORIC PARK
OCALA, FLORIDA

project no. 2137
by JP date 07.27.22
sheet no.

A100



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GENERAL NOTES:

- TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS FOR LOCAL DEPARTMENT APPROVAL AS REQUIRED.
- TRUSS MANUFACTURER SHALL SITE VERIFY ALL DIMENSIONS. DIMENSIONS THAT HAVE NOT BEEN SITE VERIFIED SHALL NOT BE USED.
- ALL FRAMING CONNECTORS SHALL BE BY SIMPSON STRONG-TIE OR APPROVED EQUAL.
- CONTRACTOR SHALL COORDINATE WITH TRUSS MANUFACTURER AND MECHANICAL CONTRACTOR AS REQUIRED TO PROVIDE NECESSARY CLEARANCES FOR DUCTWORK.
- TRUSSES SHALL BE DESIGNED BY A FLORIDA REGISTERED TRUSS ENGINEER USING THE FOLLOWING LOADINGS:

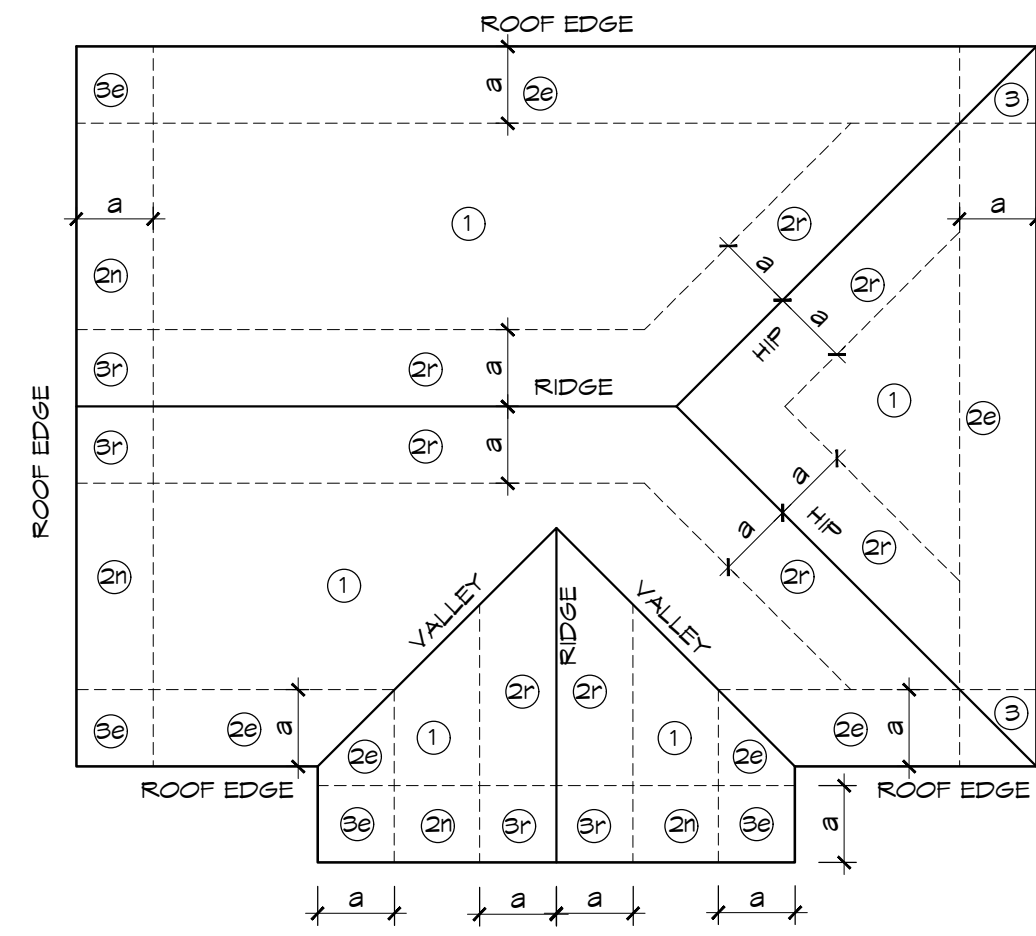
ROOF TRUSS LOADING		FLOOR FRAMING LOADING	
TC LL	30.0 PSF	TC LL	50.0 PSF
TC DL	7.0 PSF	TC DL	10.0 PSF
BC DL	10.0 PSF	BC DL	9.0 PSF
BC LL	0.0 PSF	BC LL	0.0 PSF
TOT.LD.	47.0 PSF	TOT.LD.	69.0 PSF
DUR.FAC.	1.33	DUR.FAC.	1.33
SPACING	24.0"	SPACING	24.0"

DEFLECTION MEETS L/360 A D L/240 TOTAL LOAD

-AWARDED TRUSS MANUFACTURERS SHALL SUBMIT TRUSS LAYOUT TO THE ARCHITECT FOR REVIEW PRIOR TO COMMENCEMENT OF WORK. SHOP DRAWINGS SHALL CONTAIN ALL STRUCTURAL AND WIND LOADING INFORMATION REQUIRED TO DETERMINE ALL LOADING CONDITIONS. DESIGN PARAMETERS FOR LOADING CONDITIONS SHALL BE BASED ON CLEAR SPAN CONDITIONS UNLESS SHOWN OTHERWISE ON ARCHITECT'S CONSTRUCTION DOCUMENTS. ANY PROPOSED DEVIATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO SHOP DRAWING REVIEW. IF THE ARCHITECT IS NOT NOTIFIED IN ADVANCE, THE GENERAL CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL COST OF ADDITIONAL WORK THAT IS REQUIRED, INCLUDING BUT NOT LIMITED TO ADDITIONAL COLUMNS, FOOTINGS, BEAMS, AND REWORK OF EXISTING WORK IN PLACE.

-THE DRAWINGS SHOWN ON THIS SHEET ARE INTENDED TO BE SCHEMATIC / DIAGRAMMATIC TO SHOW ARCHITECTS INTENT. TRUSS ENGINEER SHALL MAKE EVERY EFFORT TO FOLLOW THE INTENT AS CLOSE AS POSSIBLE. REFER TO TRUSS MANUFACTURER'S DRAWINGS FOR INSTALLATION AND ALL APPLICABLE BRACING / BRIDGING TO MEET THE REQUIREMENTS OF THE APPLICABLE CODES.

-CONCEALED ROOF SPACES & ATTICS SHALL BE VENTILATED PER FBC REQUIREMENTS, UNLESS SPRAY FOAM INSULATION IS USED.



FOR 9/16" FOOT = 304.8 mm, 1 DEGREE = 0.0175 RAD.
NOTE: a = 4 FEET IN ALL CASES
FIGURE R301.2(7)
COMPONENT AND CLADDING PRESSURE ZONES
ROOF SHEATHING PLAN
SCALE: N.T.S.

NOTES:

- INSTALL ROOF DECK SHEATHING WITH LONG DIMENSION PERPENDICULAR TO FRAMING AND WITH JOINTS STAGGERED. PROVIDE ROOF CLIPS ON UNSUPPORTIVE EDGES.
- ROOF SHEATHING SHALL BE 1/2" CDX PLYWOOD OR 1/2" O.S.B. SHEATHING. NAILING PATTERN SHALL COMPLY WITH SECTION 203.3.3 OF SBTD-1099.
- CLOSED VALLEY FLASHING AS PER ASTM D224.

SHEATHING NOTES:

R303.2.3.1 SHEATHING FASTENINGS.
WOOD STRUCTURAL PANEL SHEATHING SHALL BE FASTENED TO ROOF FRAMING IN ACCORDANCE WITH TABLE R303.2.3.1 WHERE THE SHEATHING THICKNESS IS 15/32 INCHES AND LESS. SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSRS-01 (23/32" x 0.113") NAILS WHERE THE SHEATHING THICKNESS IS GREATER THAN 15/32 INCHES. SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSRS-02 (21/2" x 0.131") NAILS OR ASTM F1667 RSRS-04 (2" x 0.120") NAILS. RSRS-01, RSRS-03 AND RSRS-04 ARE RING SHANK NAILS MEETING THE SPECIFICATIONS IN ASTM F1667.

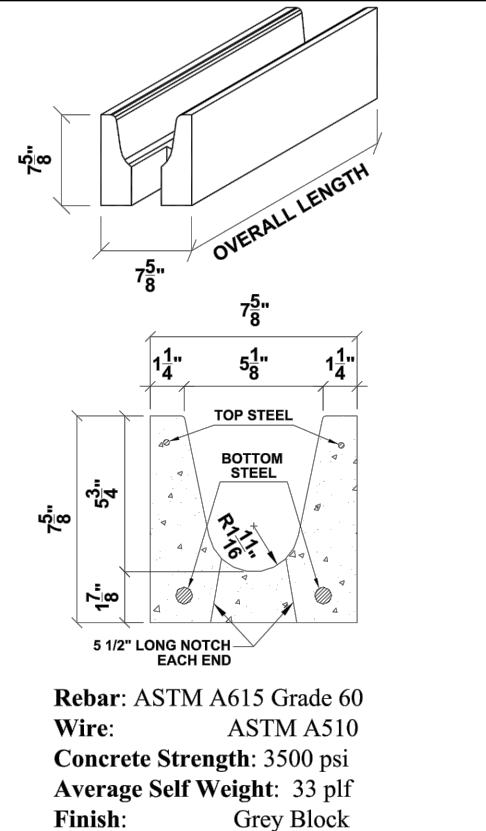
ROOF SHEATHING NAILING SCHEDULE			
ZONE	SIZE	NAIL SPACING	NOTES
1	RSRS01	6" O.C. EDGE, 6" O.C. INTERMEDIATE	HOT DIPPED GALVANIZED RING SHANK NAILS
2	RSRS01	4" O.C. EDGE, 6" O.C. INTERMEDIATE	HOT DIPPED GALVANIZED RING SHANK NAILS
3	RSRS01	4" O.C. EDGE, 4" O.C. INTERMEDIATE	HOT DIPPED GALVANIZED RING SHANK NAILS

8" POWER SPAN L2 LINTEL SCHEDULE

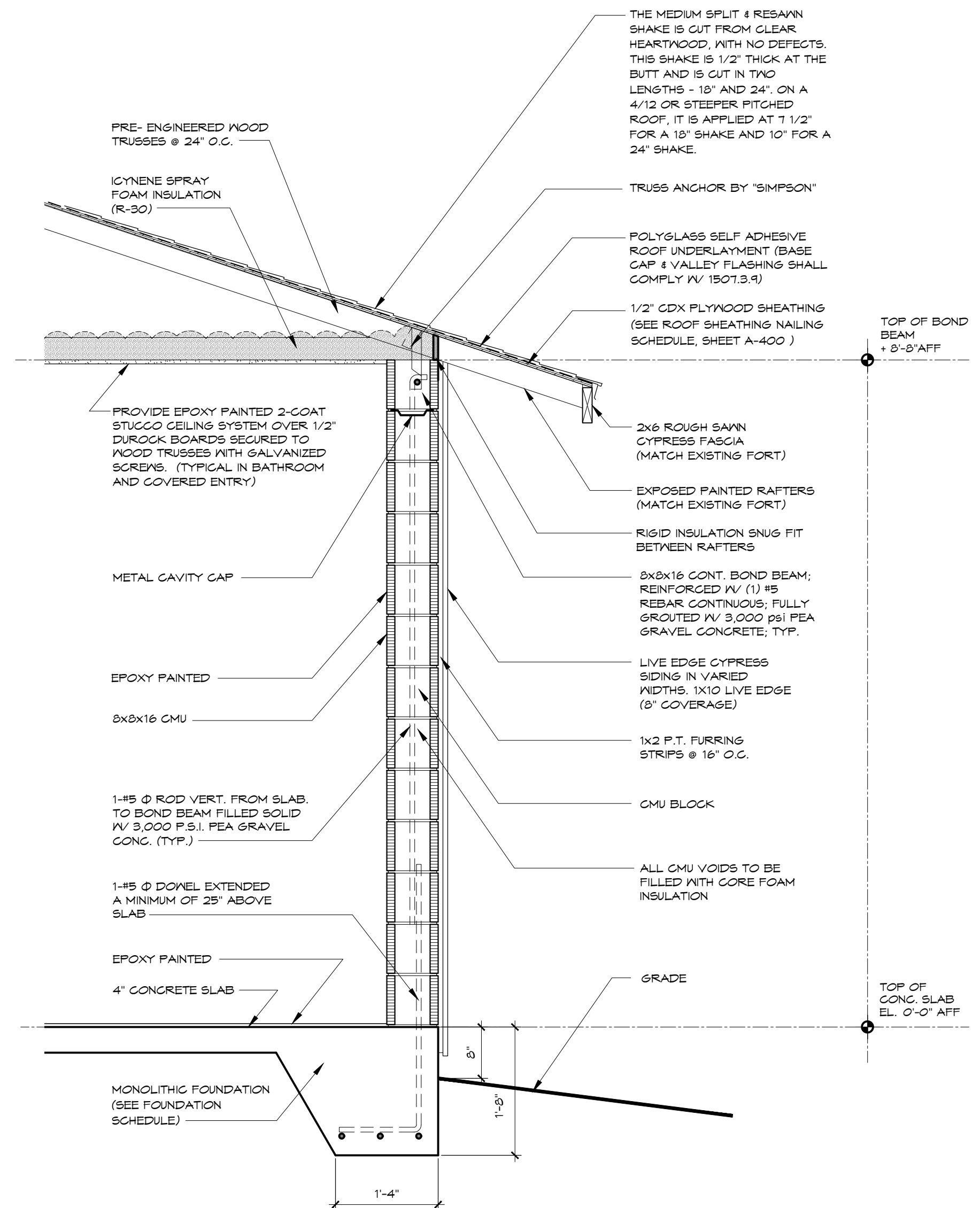
By: sws		Date: 10/20/17		chk: ps		PS8 Lintels															
8" inch block with		WITHOUT STIRRUPS (L2)																			
LINTEL LOAD TABLE (IN POUNDS PER LINEAL FOOT)		Gravity Load Table																			
3000 psi grout		ALL LOADS ARE SUPERIMPOSED																			
SPAN (ft)	PS8-0	PS8-1	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	PS8-12	SPAN (ft)	
1'-0"	8945	8945	10746	10746	8650	8650	8007	8007												1'-0"	
2'-0"	6174	6174	7412	7412	6005	6005	5597	5597												2'-0"	
3'-0"	4205	4205	5043	5043	4166	4166	3923	3923												3'-0"	
4'-0"	3316	3316	3974	3974	3252	3252	3067	3067												4'-0"	
5'-0"	2563	2563	3056	3056	2506	2506	2377	2377												5'-0"	
6'-0"	1907	1907	2282	2282	1863	1863	1779	1779												6'-0"	
7'-0"	1505	1505	1822	1822	1478	1478	1419	1419												7'-0"	
8'-0"	1138	1138	1362	1362	1092	1092	1047	1047												8'-0"	
9'-0"	777	777	942	942	752	752	723	723												9'-0"	
10'-0"	599	599	718	718	572	572	549	549												10'-0"	
11'-0"	430	430	516	516	416	416	401	401												11'-0"	
12'-0"	348	348	416	416	332	332	323	323												12'-0"	
13'-0"	295	295	352	352	280	280	273	273												13'-0"	
14'-0"	218	218	260	260	208	208	203	203												14'-0"	
15'-0"	178	178	212	212	164	164	160	160												15'-0"	
16'-0"	142	142	168	168	128	128	125	125												16'-0"	
18'-0"	92	92	108	108	80	80	78	78												18'-0"	
20'-0"	58	58	72	72	52	52	51	51												20'-0"	
22'-0"	38	38	48	48	32	32	31	31												22'-0"	
24'-0"	28	28	32	32	20	20	20	20												24'-0"	

8" PRECAST U-LINTELS STANDARD LENGTHS

OVERALL LENGTH	TOP STEEL	BOTTOM STEEL
3'-0" (36")	2-7/32" wire	2-#3 rebar
3'-4" (40")	2-7/32" wire	2-#3 rebar
3'-6" (42")	2-7/32" wire	2-#3 rebar
4'-0" (48")	2-7/32" wire	2-#3 rebar
4'-4" (52")	2-7/32" wire	2-#3 rebar
4'-8" (56")	2-7/32" wire	2-#3 rebar
5'-4" (64")	2-7/32" wire	2-#3 rebar
5'-10" (70")	2-7/32" wire	2-#3 rebar
6'-0" (72")	2-7/32" wire	2-#4 rebar
6'-6" (78")	2-7/32" wire	2-#4 rebar
6'-8" (80")	2-7/32" wire	2-#4 rebar
7'-4" (88")	2-7/32" wire	2-#4 rebar
7'-6" (90")	2-7/32" wire	2-#4 rebar
8'-0" (96")	2-#3 rebar	2-#4 rebar
8'-8" (104")	2-#3 rebar	2-#4 rebar
9'-4" (112")	2-#3 rebar	2-#4 rebar
10'-0" (120")	2-#3 rebar	2-#4 rebar
10'-6" (126")	2-#3 rebar	2-#4 rebar
10'-8" (128")	2-#3 rebar	2-#5 rebar
11'-4" (136")	2-#3 rebar	2-#5 rebar
12'-0" (144")	2-#3 rebar	2-#5 rebar
12'-4" (160")	2-#3 rebar	2-#5 rebar
14'-0" (168")	2-#3 rebar	2-#5 rebar



Rebar: ASTM A615 Grade 60
Wire: ASTM A510
Concrete Strength: 3500 psi
Average Self Weight: 33 plf
Finish: Grey Block

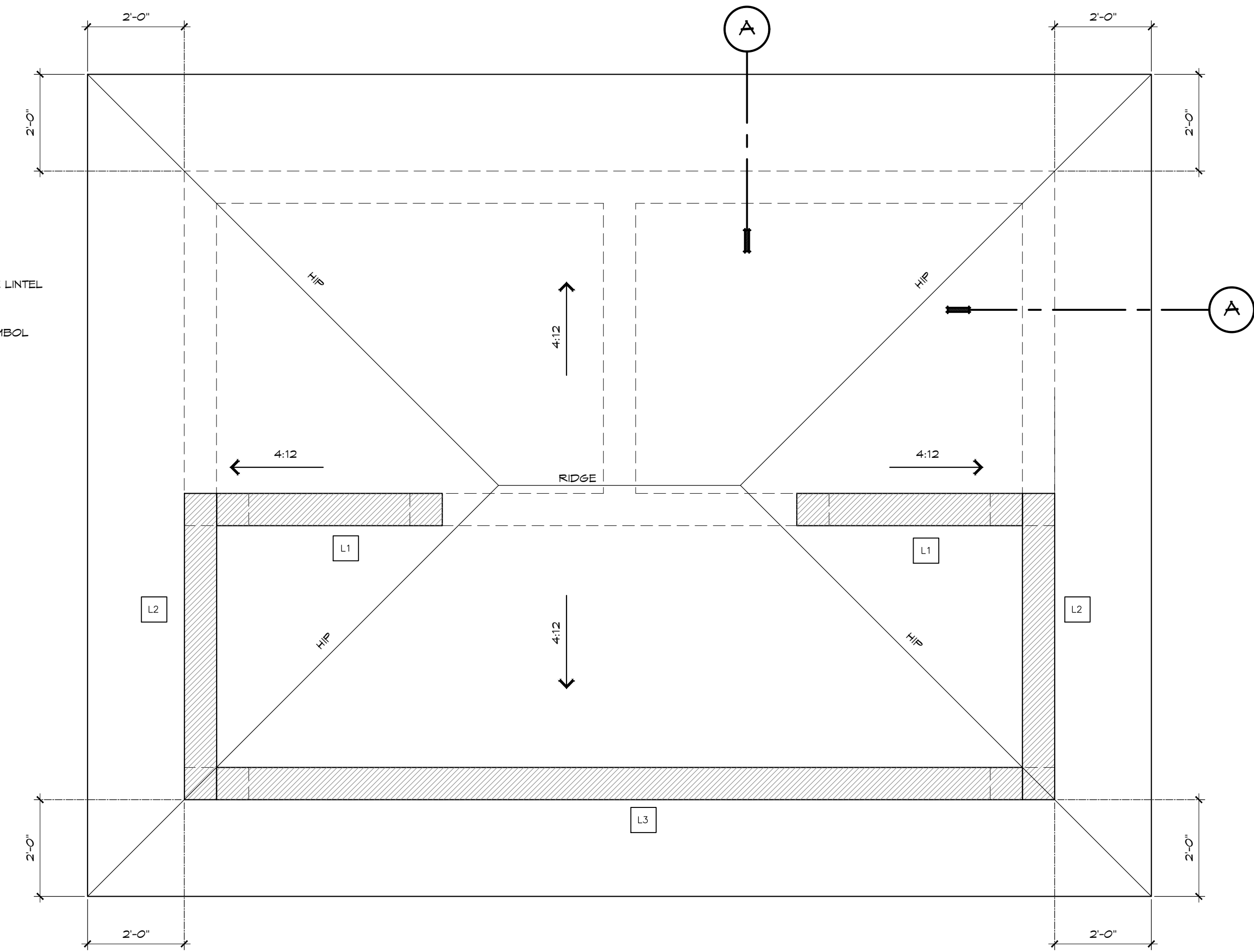


SECTION "A"
SCALE: 3/4" = 1'-0"

EPOXY PAINT SPECIFICATIONS
SPECIFICATIONS AND QUALITY OF DESIGN STANDARD (BASIS OF DESIGN) BASED ON KEY RESIN COMPANY: KEY QUARTZ CHIP 100.
KEY RESIN COMPANY: 888-943-4532, WWW.KEYRESIN.COM
SYSTEM DESCRIPTION: HEAVY DUTY, THREE-COMPONENT EPOXY RESIN SURFACING BROADCASTED WITH COLORED CHIPS. GROUTED WITH KEY #512 CHEMICAL AND UV RESISTANT EPOXY AND SEALED WITH KEY #467HS ALIPHATIC LOW ODOR 90% SOLIDS URETHANE (VOC CONTENT 100 G/L)

LEGEND

- CONCRETE LINTEL
- L1 LINTEL SYMBOL



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

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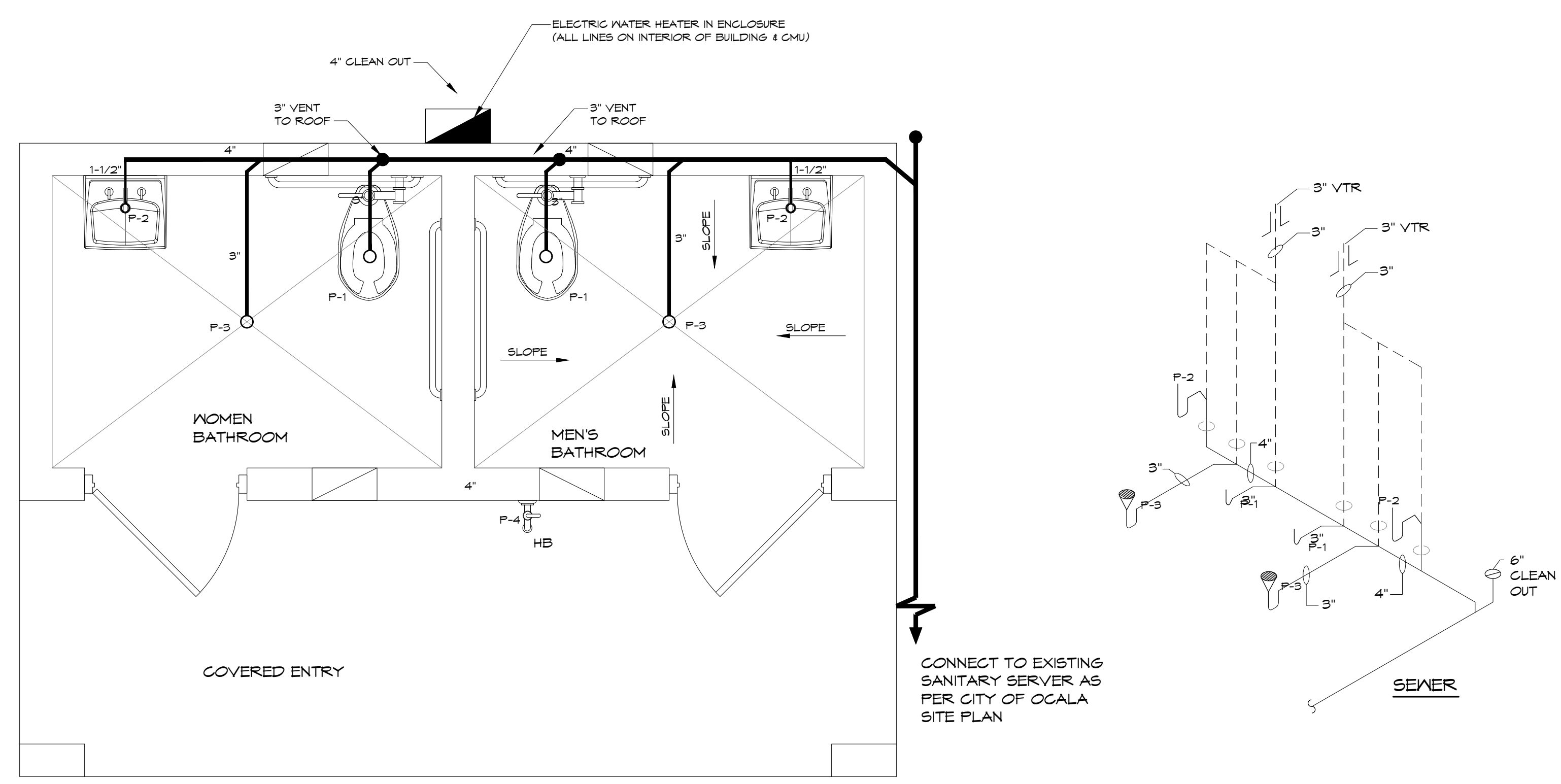
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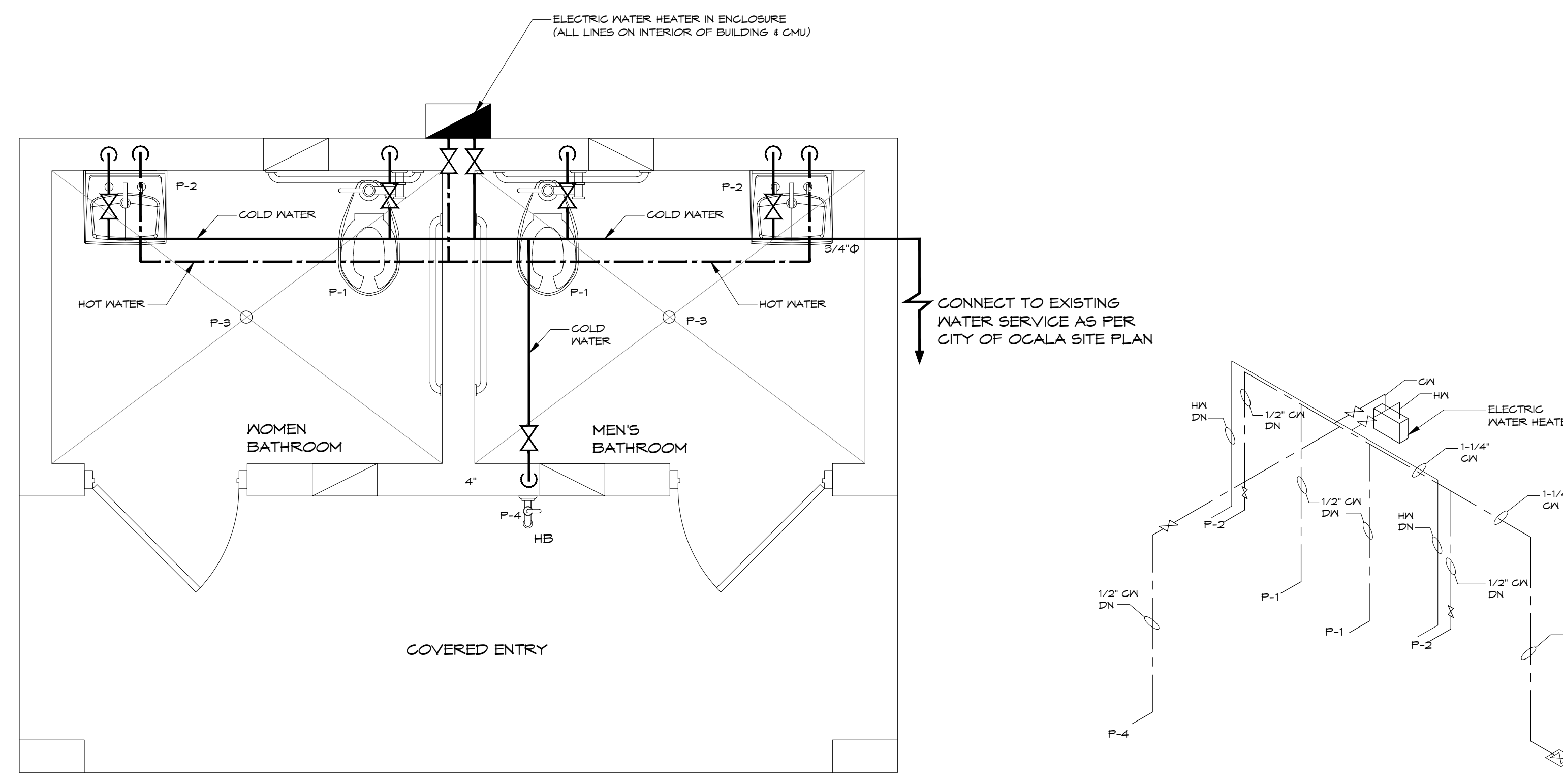
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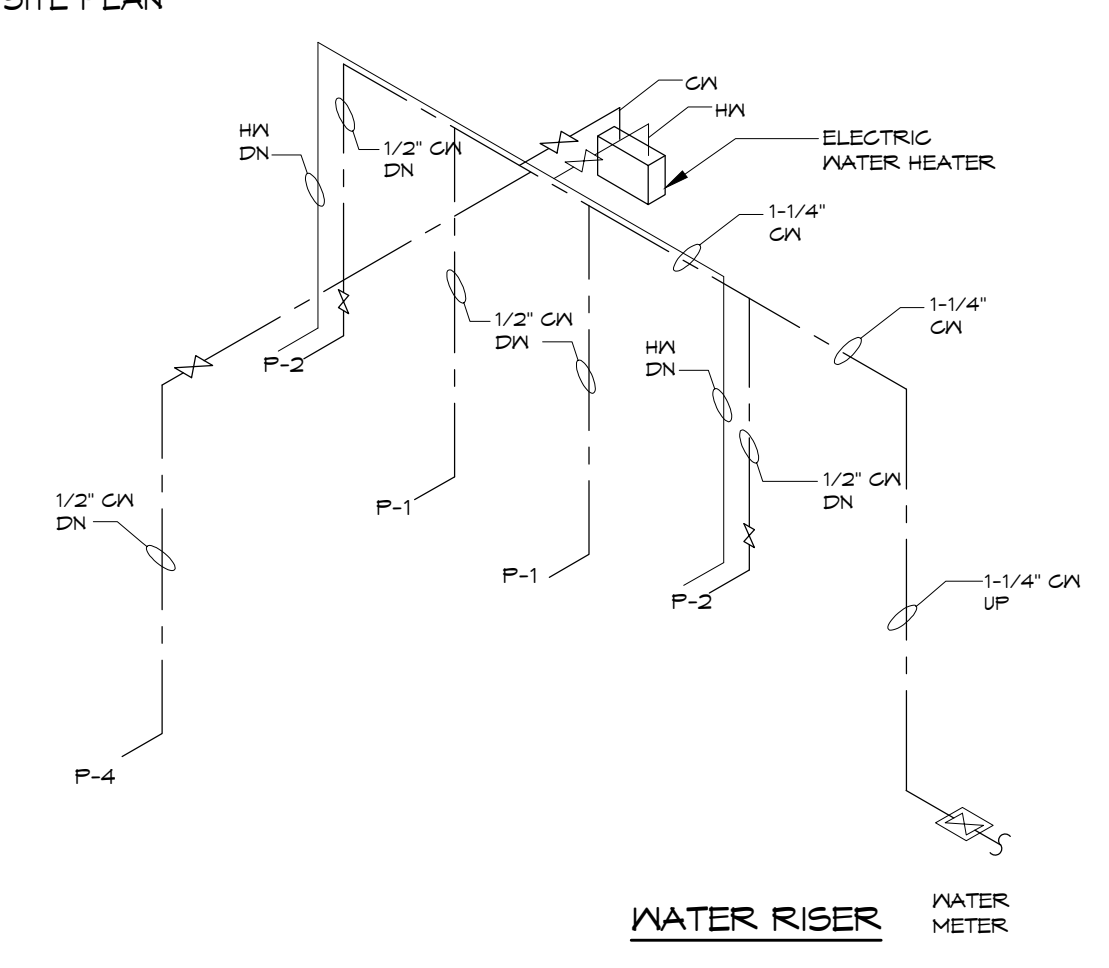


PLUMBING PLAN
SCALE: 1/2" = 1'-0"

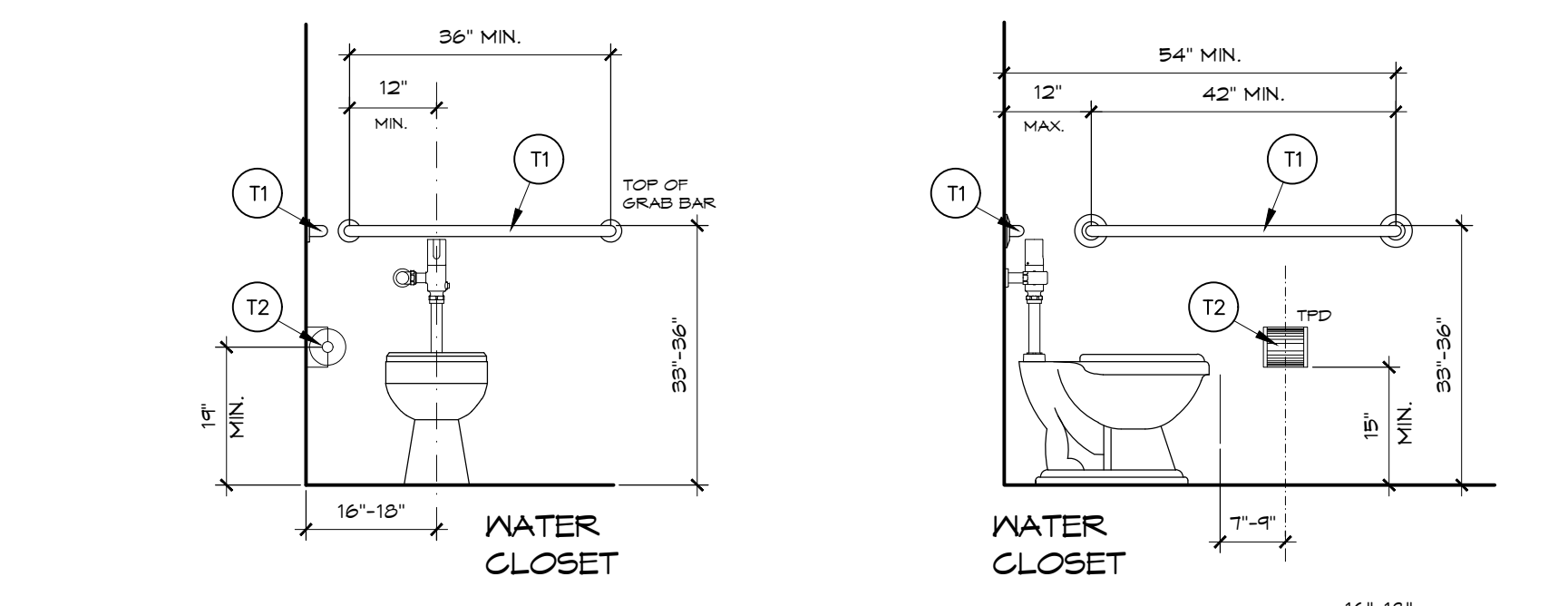


PLUMBING PLAN
SCALE: 1/2" = 1'-0"

RPZ BACKFLOW REQUIRED



WATER RISER



PIPE INSULATION NOTE:

PROVIDE 1" Ø WALL INSULATION (PIPE WRAP) BY INCOA CO. OR EQUAL.

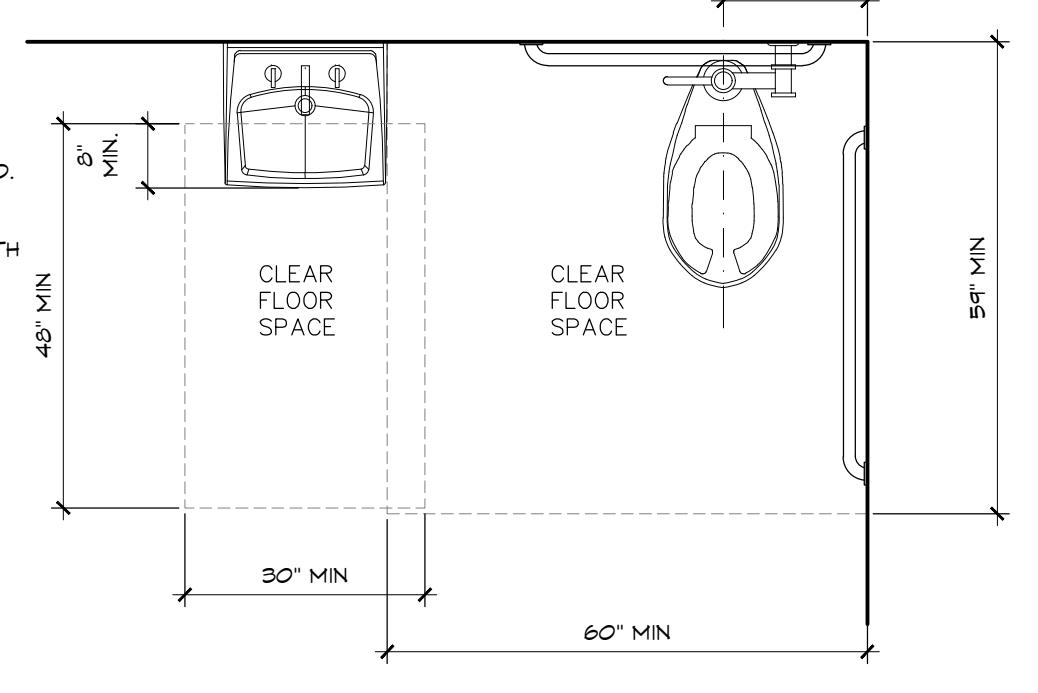
INSTALLATION OF TOILET ACCESSORIES SHALL COMPLY WITH FLORIDA BUILDING CODE (FBC) 7TH EDITION 2020. ACCESSIBILITY FOR BUILDING CONSTRUCTION AND THE FEDERAL AMERICANS WITH DISABILITIES ACT.

PLUMBING SCHEDULE (RESTROOMS)

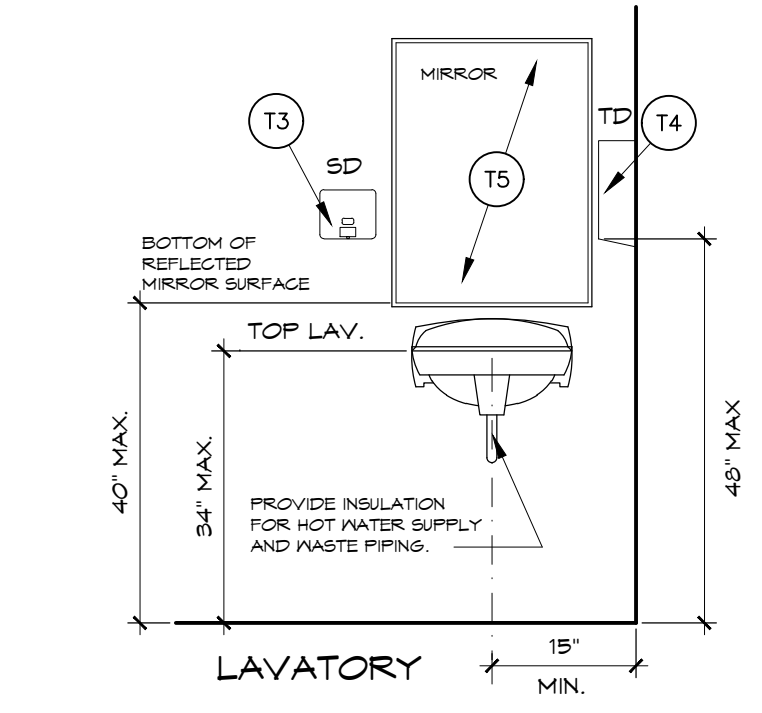
- P-1 MADERA 16 1/2" H. RM EVERCLEAN ELONGATED 1.28 GPF FLUSHOMETER TOILET SYSTEM BY AMERICAN STANDARD MODEL NO. 3461520 COLOR: WHITE IV/SOLID HEAVY DUTY OPEN FROM LESS COVER PLASTIC SEAT COLOR: WHITE BY AMERICAN STANDARD MODEL NO. 5901.100.
- P-2 NEX LUCERNE WALL HUNG LAVATORY MODEL NO. 0985.012 BY AMERICAN STANDARD. SLOAN® SENSOR FAUCET MODEL NO. SF-2300-PLG-TEE-GP-O-385PM-MLM-IR-FCT. STUB HOT AND COLD WATER WITH GRID STRAINER WITH CONCEALED ARM SYSTEM BY ZURN MODEL NO. 11281-EZ.
- P-3 FLOOR DRAIN: "MADE" #N-1103-STD6-1. PROVIDE TRAP PRIMER RECESSED IN WALL WITHIN A STAINLESS STEEL ACCESS PANEL IV/LOCKING COVER.
- P-4 HOSE BIB: EGOLOTROL LOCKABLE WALL HYDRANT MODEL NO. 21300 ANTI-SYPHON, ENCASED FREEZELESS BY ZURN.

TOILET ACCESSORY SCHEDULE
(AS REQUIRED TO MEET ADA)

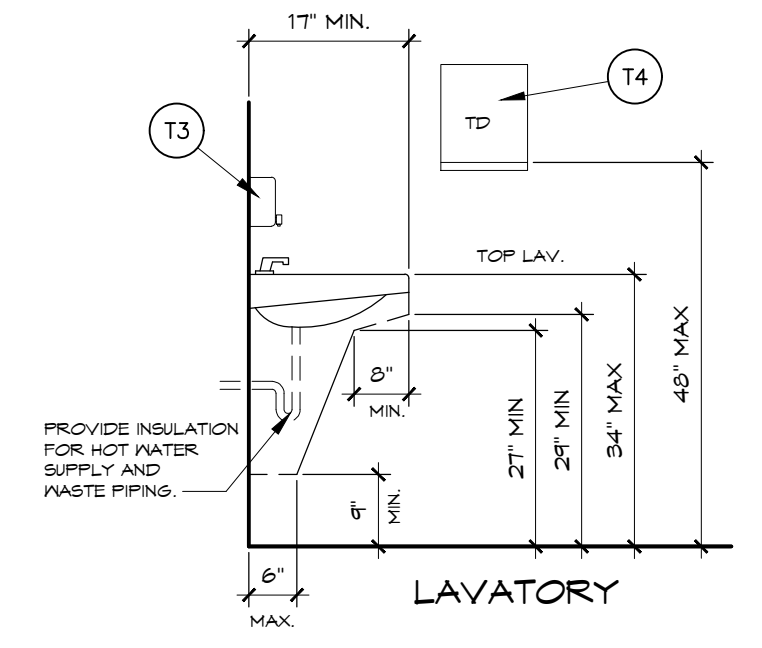
- T1 GRAB BAR-STAINLESS STEEL 1 1/2" - PEENED- ANCHORS AS REQUIRED X 36" BEHIND EACH TOILET.
GRAB BAR: BOBRICK B6006-99 X 42", ASI, A 4 J EQUIVALENTS.
- T2 TOILET TISSUE DISPENSER: STAINLESS STEEL, ONE AT EACH TOILET BY OWNER, G.G. INSTALLED
- T3 LIQUID SOAP DISPENSER BY OWNER, G.G. INSTALLED
- T4 HAND DRYER BY XCELERATOR AIR XL-SB-ECO IN BRUSHED STAINLESS STEEL
- T5 MIRROR: STAINLESS STEEL FRAMELESS-THEFT RESISTANT SCREENS-24" X 36"-ONE AT EACH SINK, S.S. MIRRORS: BOBRICK-S-1556 2436-ASI, A 4 J EQUIVALENTS.



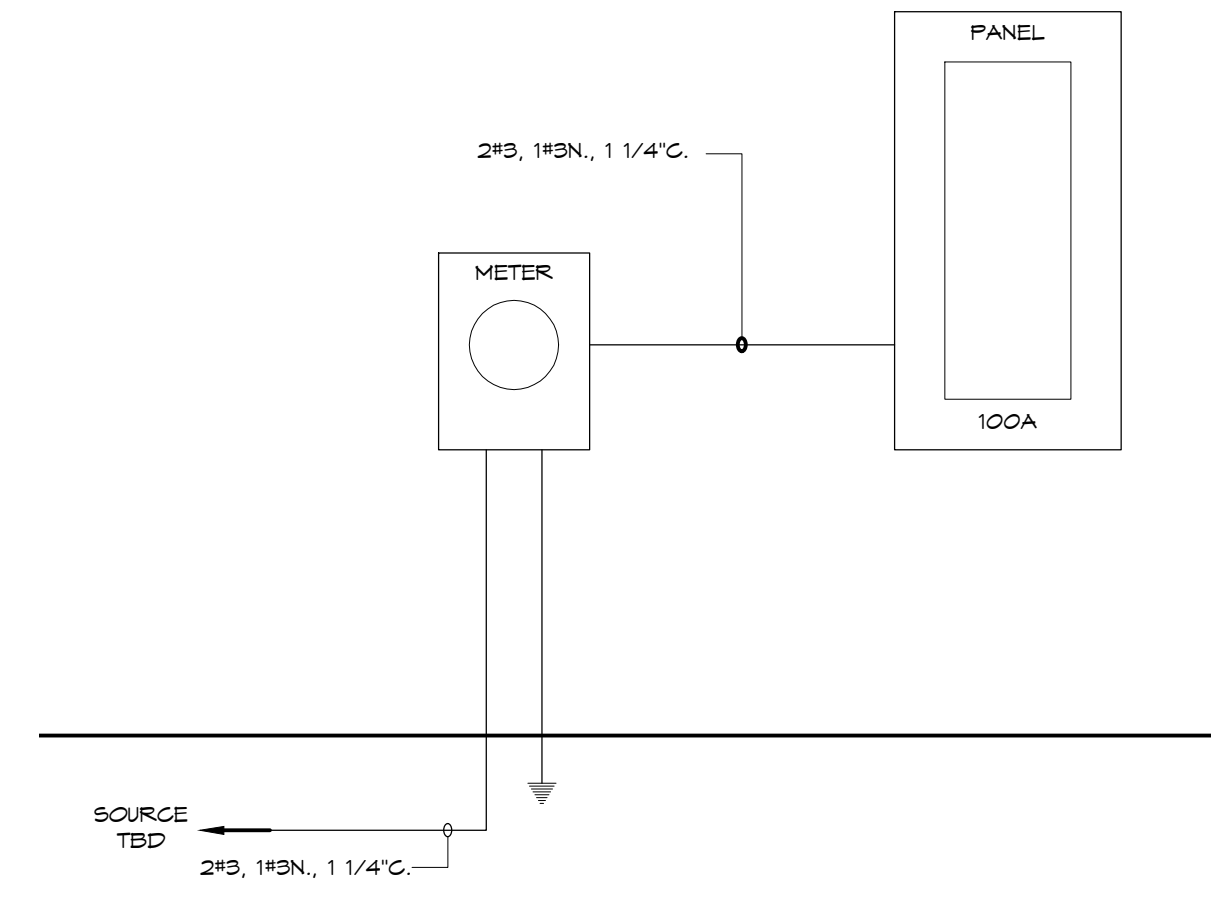
LAVATORY/ WATER CLOSET PLAN



LAVATORY



RESTROOM ELEVATIONS



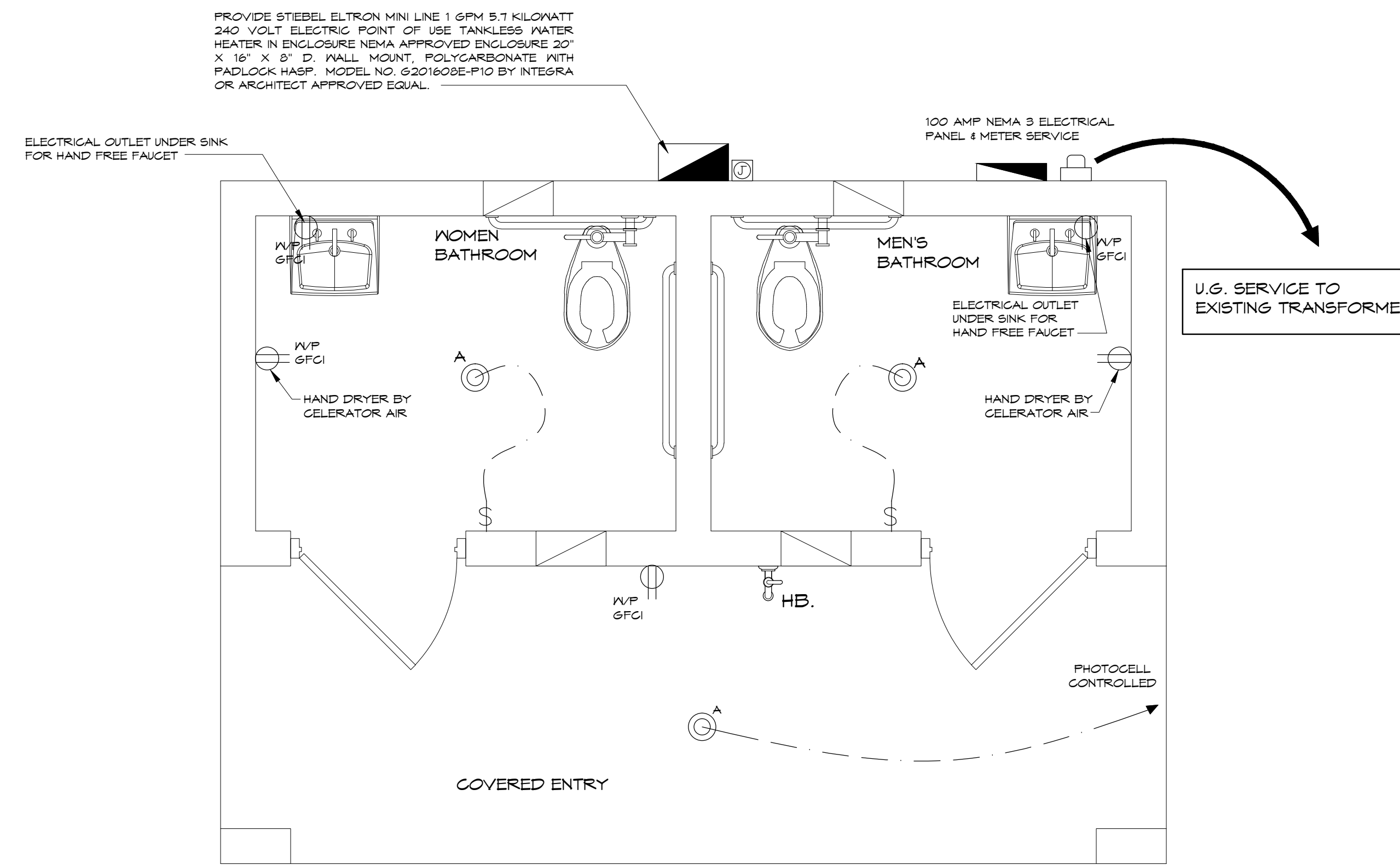
ELECTRICAL RISER DIAGRAM
SOURCE: 120/240V, 1Ø, 3W

PANELBOARD SCHEDULE									
RATING: 100A M.L.O.			LWS LOCATION: BOTTOM			SHORT CIRCUIT RATING: 10K			
SERVICE: 120/240V, 1Ø, 3W			MOUNTING: SURFACE						
LOAD DESCRIPTION	KVA	BKR	CKT	A	B	CKT	BKR	KVA	LOAD DESCRIPTION
LIGHTING	1.2	20/1	1	1	2	20/1	13		WATER HEATER
RECEPTACLE	1.6	20/1	3	3	4	20/1			
RECEPTACLE	1.6	20/1	5	5	6				
RECEPTACLE	1.6	20/1	7	7	8				
RECEPTACLE	1.6	20/1	4	9	10				
RECEPTACLE	1.6	20/1	11	11	12				
SPACE				13	14				
				15	16				
				17	18				
				19	20				

SERVICE	CONN. LOAD	DF	RATED LOAD
LIGHTING	1.2 KVA	1.0	1.2 KVA
RECEPTACLE - GENERAL	8.0 KVA	1.0	8.0 KVA
WATER HEATER	19.0 KVA	1.0	19.0 KVA
TOTAL	28.2 KVA		28.2 KVA
SPARE		1.0	9.0 KVA
MAN RATING			36.2 KVA

CONNECTED LOAD (KVA)	NOTES
AØ 4.0	1. SERVICE ENTRANCE LABEL
BØ 2.8	2. SQUARE D NOOD PANELBOARD
	3. COPPER NEUTRAL AND GROUND BUS
	4. NEMA-3R ENCLOSURE

ELECTRICAL LOAD SUMMARY			
LOAD DESCRIPTION	CONNECTED LOAD	DIVERSITY FACTOR	ESTIMATED CONNECTED LOAD
LIGHTING	1.2 KVA	1.0	1.2 KVA
RECEPTACLE - GENERAL	8.0 KVA	1.0	8.0 KVA
WATER HEATER	19.0 KVA	1.0	19.0 KVA
SUB-TOTAL	28.2 KVA		28.2 KVA
SPARE			9.0 KVA
TOTAL			36.2 KVA



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

NOTE:
ALL ELECTRICAL INCLUDING BUT NOT LIMITED TO, HAND DRYERS, LIGHT SWITCHES, OVERHEAD ELECTRIC SERVICE PANEL AND METER MUST BE LOCATED 3'-6" A.F.F.

- ELECTRICAL NOTES**
1. ALL WORK SHALL COMPLY WITH THE CURRENT N.E.C. AND OTHER GOVERNING RULES, REGULATION, CODES AND ORDINANCES.
 2. ALL TERMINATIONS SHALL BE 75 C RATED.
 3. ALL WIRE SHALL BE TWIN CU AND NOT SMALLER THAN #12 AWG.
 4. ALL EQUIPMENT INSTALLED SHALL BE COMMERCIAL GRADE.
 5. VOLTAGE CHARACTERISTICS ARE 120/240 VOLT SINGLE PHASE. SERVICE IS UNDERGROUND.
 6. ALL RECEPTACLE BOXES, SWITCH BOXES, JUNCTION BOXES, ETC. SHALL BE RECESSED WITH APPROPRIATE STAINLESS STEEL FACE PLATES.
 7. ALL ELECTRICAL CONDUIT SHALL BE CONCEALED IN CMU WALLS; TYP.
 8. PANEL: 100A/2P MAIN, 12 CIRCUIT, SURFACE MOUNTED, NEMA 3, LOCKABLE, WEATHERPROOF.
 9. PROVIDE METER CAN AND CONNECTION AS REGISTER.

ELECTRICAL LEGEND	
1.	TYPICAL LEGEND; ALL SYMBOLS MAY NOT APPLY
2.	ALL FIXTURES SHALL BE SELECTED BY OWNER
3.	PROVIDE EXTERIOR RATED FIXTURES AT ALL EXTERIOR LOCATIONS.
	PANEL
	METER
	SINGLE POLE SWITCH
	WEATHERPROOF RECEPTACLE - 110V - W/ GROUND FAULT CIRCUIT INTERRUPTER
	POWER JUNCTION BOX
	KURTZON VANDAL RESISTANT RECESSED 6" LED DOWNLIGHT MODEL NO. VL-PBD4-S-FLX20-995-UNV-WBWT

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