



St. Johns River

Water Management District

Hans G. Tanzler III, Executive Director

4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500
On the Internet at floridaswater.com.

DATE: 7/30/2019
TO: Prospective Respondents
FROM: Debi Edwards, Procurement Specialist
SUBJECT: Addendum #1 to Quote Request #34783, Weather Shelter, River Lakes

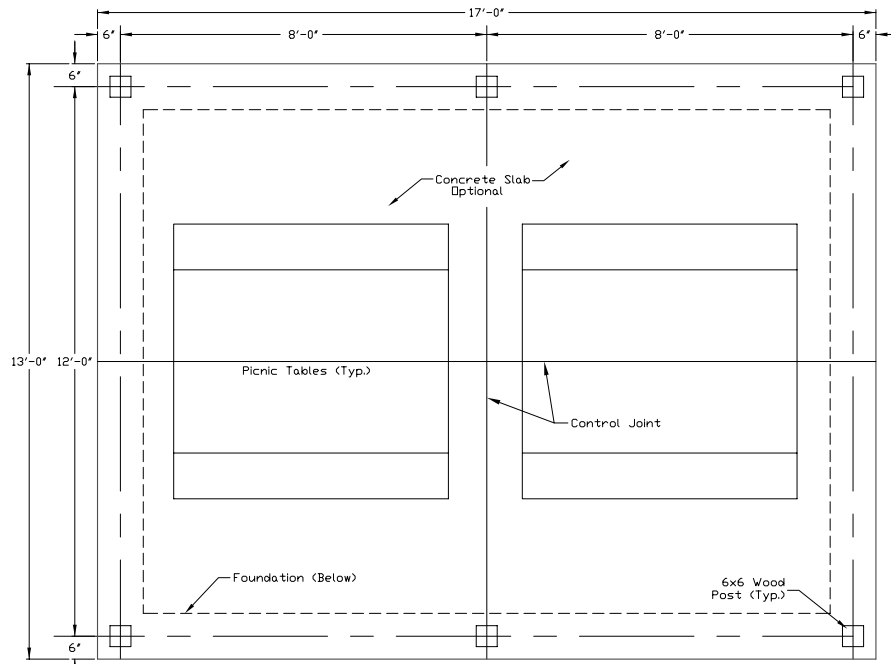
As a result of inquiries, the following clarifications/changes are provided for your information.

- Statement of Work under District responsibilities states the District will provide drawings for the structure, the intent was to provide to attendees at the pre-bid meeting
- The drawings are included in this Addendum as an Attachment

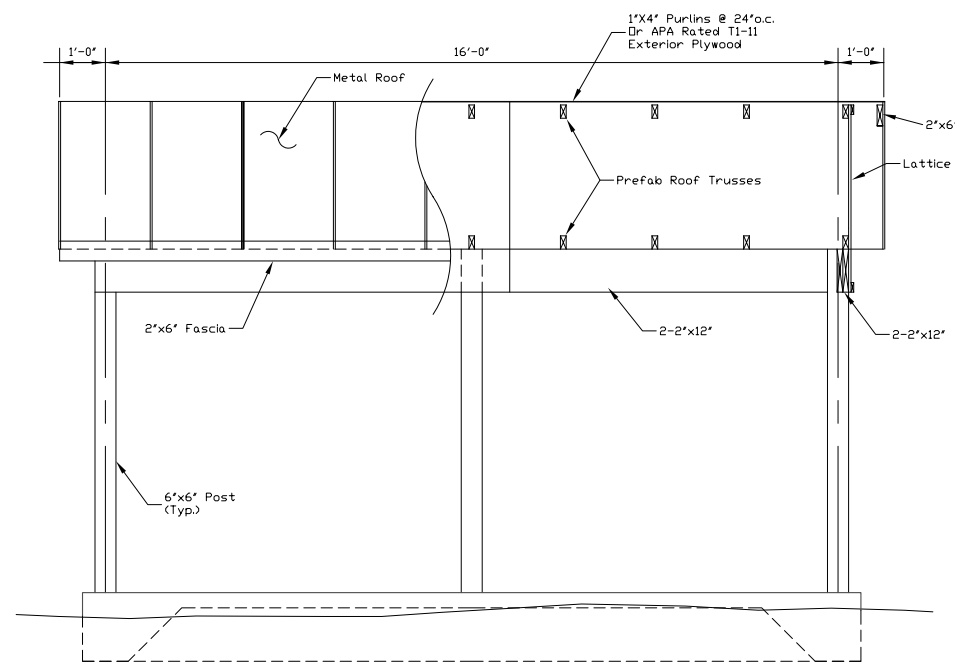
NOTE: The Opening remains at 5:00p.m, Thursday August 8, 2019.

If you have any questions, please call me at (386) 329-4866 or fax (386) 329-4546 or e-mail dkedwards@sjrwmd.com.

Attachment 1 - Drawings



1
A FLOOR PLAN



1
B SIDE ELEVATION / SECTION

NOTE SPECIFICATIONS:

- ALL MATERIALS, DESIGN, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AND SPECIFICATIONS:
SOUTHERN BUILDING CODE INTERNATIONAL, INC. (SBCDC), "STANDARD BUILDING CODE";
AMERICAN CONCRETE INSTITUTE, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE STRUCTURES, ACI 318";
FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION";
NATIONAL FOREST PRODUCTS ASSOCIATION (NFPA), "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION";
AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC), "TIMBER CONSTRUCTION MANUAL";
AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA), "SPECIFICATION FOR PRESERVATIVES AND PRESSURE TREATMENT PROCESS FOR TIMBER";
AMERICAN STANDARDS FOR TESTING AND MATERIALS (ASTM);
ALL OTHER APPLICABLE INDUSTRY CODES AND STANDARDS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS (INCLUDING UTILITIES) AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
- THE BEARING CAPACITY USED FOR FOUNDATION DESIGN IS 2000 PSF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUBGRADE PREPARATION SUCH THAT THE DESIGN BEARING CAPACITY IS ACHIEVED. THE NATURALLY OCCURRING SUBGRADE MATERIAL SHOULD BE WELL COMPACTED AND FREE OF ROOTS, LOGS, ORGANICS, ROCKS OR OTHER FRAGMENTS GREATER THAN 2-INCHES DIAMETER, OR OTHER DELETERIOUS MATERIALS. THE TOP 12-INCHES OF SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM TEST METHOD D-1557.
- PROVIDE MINIMUM 6 INCHES OF GRADED AGGREGATE PER FDOT SECTION 204 UNDER ALL FOOTINGS AND SLABS, COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.
- THE STRUCTURE IS DESIGNED AS A STABLE UNIT AFTER ALL COMPONENTS, INCLUDING BRACING, ARE IN PLACE. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY BRACING AS REQUIRED TO ENSURE THE VERTICAL AND LATERAL STABILITY OF THE ENTIRE STRUCTURE OR ANY PORTION THEREOF DURING CONSTRUCTION.
- THE METAL ROOF DECK SHALL BE GALVANIZED 1/2-INCH X 2 1/2-INCH CORRUGATED AS MANUFACTURED BY JAMES RIVER STEEL. OR EQUAL. DECK FASTENERS SHALL BE GALVANIZED STEEL. WOOD SCREWS WITH EPDM WASHERS. SIDELAP FASTENERS SHALL BE GALVANIZED STEEL WITH EPDM WASHERS. THE SIZE AND LOCATION OF THE FASTENERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS.

CONCRETE:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318)" WITH SUPPLEMENTS AND ALL PERTINENT SPECIFICATIONS CONTAINED THEREIN.
- ALL CONCRETE SHALL ATTAIN A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI. PORTLAND CEMENT SHALL BE TYPE II IN ACCORDANCE WITH ASTM C-150. CONCRETE SHALL BE AIR ENTRAINED WITH TOTAL AIR PERCENT BY VOLUME OF CONCRETE EQUAL TO 4%. THE AIR ENTRAINING ADMIXTURE SHALL BE DARAVAIR, AS MANUFACTURED BY W.R. GRACE, OR EQUAL, CONFORMING TO ASTM C-260. THE AGGREGATES SHALL CONFORM TO ASTM C-33 AND SHALL HAVE A 3/4-INCH MAXIMUM SIZE.
- REINFORCING STEEL SHALL BE GRADE 60 DEFORMED BILLET STEEL BARS CONFORMING TO ASTM A-615.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- THE MINIMUM CLEAR CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES FOR CONCRETE CAST AGAINST EARTH AND 2-INCHES ELSEWHERE, UNLESS OTHERWISE NOTED.
- REINFORCEMENT SPLICES WHERE THE LENGTHS ARE NOT INDICATED SHALL BE A MINIMUM OF 48 BAR DIAMETERS.
- THE CONSTRUCTION JOINTS SHALL BE LOCATED AS SHOWN UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 1-INCH CHAMFER UNLESS OTHERWISE NOTED.
- CONTROL JOINTS SHALL BE HAND TOOLED DURING SLAB PLACEMENT.

LUMBER:

- ALL LUMBER SHALL BE GRADED IN ACCORDANCE WITH ASTM D-245, "PRACTICE FOR ESTABLISHING STRUCTURAL GRADES AND RELATED ALLOWABLE PROPERTIES FOR VISUALLY GRADED LUMBER".
- ALL LUMBER IS DRESSED SIZE UNLESS NOTED OTHERWISE.
- ALL MATERIALS SHALL BE HANDLED, STACKED, AND STORED IN ACCORDANCE WITH THE GRADING RULES AGENCY RECOMMENDATIONS.
- ALL FRAMING MEMBERS SHALL BE RIGIDLY ANCHORED OR ATTACHED, SQUARE, PLUMB AND TRUE, OR IN OTHER PLANES AND SHAPES AS SHOWN ON THE PLANS. JOINTS SHALL BE TIGHT, EVEN, AND FREE OF OFFSETS.
- ALL TIMBER CONNECTING HARDWARE AND FASTENERS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-123.
- ALL NAILED CONNECTIONS SHALL MEET THE MINIMUM REQUIREMENTS SET FORTH IN TABLE 2306.1 OF THE "STANDARD BUILDING CODE".
- WOOD CONNECTORS:
ALL ROOF TRUSS HURRICANE TIES SHALL BE MODEL NO. H3 AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, OR EQUAL.
POST TO BEAM CONNECTORS SHALL BE SIMPSON 1616HL WITH 4-5/8" DIA. BOLTS AT CORNERS AND SIMPSON 1616HT WITH 6-5/8" DIA. BOLTS ON SIDES.

BOLTS:

- BOLTED TIMBER CONNECTIONS SHALL UTILIZE ASTM A307 STEEL BOLTS, COARSE THREAD, CLASS 2, OR EQUAL. THE MINIMUM SIZE OF BOLT SHALL BE 3/4 INCH DIAMETER UNLESS NOTED OTHERWISE. HOLES FOR MACHINE BOLTS SHALL BE BORED WITH A BIT THE SAME DIAMETER AS THE FINISHED BOLT. WASHERS SHALL BE PROVIDED FOR ANY BOLT HEADS OR NUTS IN DIRECT CONTACT WITH TIMBER. BOLT THREADS SHALL BE BURRED AT FACE OF NUT WITH A POINTED TOOL AFTER TIGHTENING. LAG BOLTS SHALL BE MADE OF ASTM A307 STEEL. LEAD HOLE DIAMETERS FOR THE SHANK AND THREADED PORTIONS OF LAG BOLTS SHALL BE ACCORDING TO AITC REQUIREMENTS.

PRESERVATIVE TREATMENT:

- ALL LUMBER SHALL BE PRESSURE TREATED. PRESERVATIVE TREATMENT OF WOOD SHALL BE IN ACCORDANCE WITH AWPA STANDARDS C1 AND C2. PRESERVATIVE TREATMENT SHALL BE CHROMIATED COPPER ARSENATE (CCA). RETENTION ASSAY OF TREATED WOOD SHALL BE 0.40 PCF CCA.

FRAMING LUMBER:

- ALL FRAMING MEMBERS SHALL BE STANDARD DRESSED LUMBER.
- ALL FRAMING LUMBER LESS THAN 2-INCH THICKNESS SHALL BE SOUTHERN PINE NO. 2 SURFACE DRY OR EQUAL WITH THE FOLLOWING MINIMUM DESIGN VALUES:
FB = 1200 PSI
FV = 90 PSI
E = 1,600,000 PSI
- FRAMING MEMBERS GREATER THAN 2-INCH THICKNESS SHALL BE SOUTHERN PINE NO. 1 DENSE OR EQUAL WITH THE FOLLOWING MINIMUM DESIGN VALUES:
FB = 1350 PSI
FV = 90 PSI
E = 1,800,000 PSI

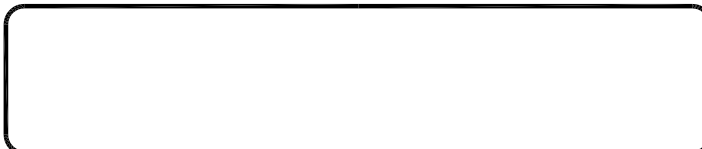
- THE CUTTING OF STRUCTURAL MEMBERS SHALL NOT BE ALLOWED EXCEPT AS DETAILED ON THE PLANS.
- PLYWOOD PANEL SHEATHING SHALL BE 5/8-INCH APA RATED T1-11 EXTERIOR. PREFABRICATED ROOF TRUSSES:

- THE DESIGN, FABRICATION, AND ERECTION OF ALL PREFABRICATED WOOD TRUSSES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE TRUSS PLATE INSTITUTE (TPI) "DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES".
- ALL TRUSS CONNECTOR PLATES SHALL BE MANUFACTURED FROM ONLY PRIME COMMERCIAL QUALITY GALVANIZED SHEET METAL OF NO LESS THAN 20 GAGE THICKNESS WHICH HAS A MINIMUM YIELD OF 33,000 PSI AND A MINIMUM ULTIMATE TENSILE STRENGTH OF 48,000 PSI. THE CORROSION-RESISTANT COATING SHALL BE 8-60 COMMERCIAL CLASS, HOT-DIPPED GALVANIZED BEFORE STAMPING.
- ALL TRUSS DESIGNS SHALL BEAR THE NAME, SEAL, AND LICENSE NUMBER OF A FLORIDA LICENSED PROFESSIONAL ENGINEER.
- ALL TRUSS DRAWINGS SHALL BE FURNISHED BY THE FABRICATOR AND SHALL CONTAIN THE FOLLOWING INFORMATION: METAL CONNECTORS, THEIR GAGE THICKNESS, NOMINAL SIZES AND LOCATIONS AT ALL JOINTS; SPECIFICATIONS SUCH AS PITCH, SPAN, SPACING OF TRUSSES AND THE SPECIES AND STRESS GRADES OF LUMBER; DESIGN LOADS OF TRUSSES; AND PERMANENT BRACING TRUSS BRACING REQUIREMENTS.
- ALL TRUSSES SHALL BE FABRICATED UNDER THE STRICT RULES OF THE TPI IN A PROPERLY EQUIPPED MANUFACTURING FACILITY OF A PERMANENT NATURE. THE QUALIFIED COMPONENT MANUFACTURER MUST BE A MEMBER OF TPI AND PARTICIPATE IN THE QUALITY CONTROL TEST CRITERIA PROGRAM, OR EQUAL.
- DURING ERECTION, CARE SHALL BE EXERCISED TO KEEP HORIZONTAL BENDING OF THE TRUSSES TO A MINIMUM. BEARING POINTS SHALL BE AS INDICATED ON THE DRAWINGS.
- THE MINIMUM ROOF TRUSS DESIGN LOADS SHALL BE AS FOLLOWS:
DEAD LOAD = 10 PSF
LIVE LOAD = 20 PSF
WIND LOAD = IN ACCORDANCE WITH SBC SECTION 1606

NOT FOR CONSTRUCTION

CERTIFICATION: _____
P.E. NUMBER: _____
DATE: _____

NO.	REVISION	BY	DATE	APPROVED	DATE

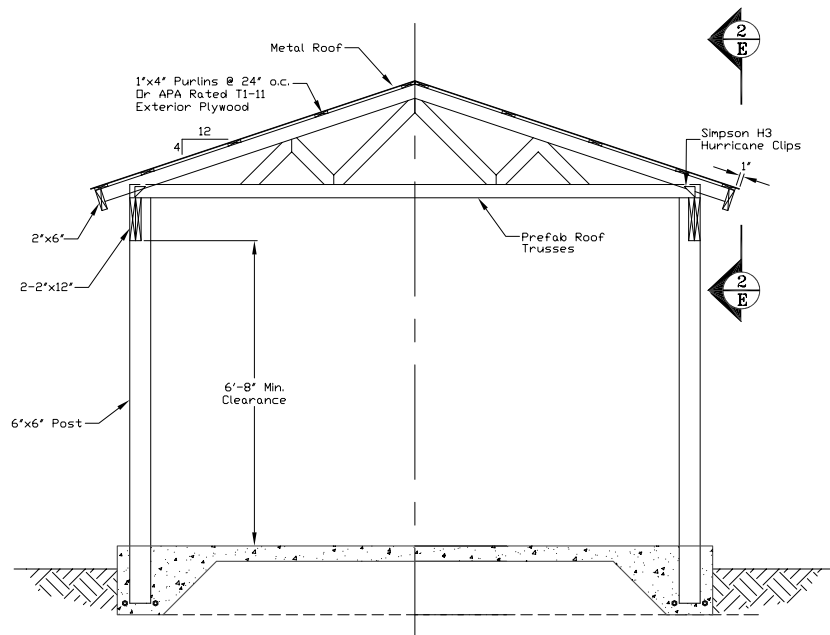


ST JOHNS RIVER WATER MANAGEMENT DISTRICT P.O. BOX 1429 PALATKA, FLORIDA			
DRAWN: P.L.C.	DATE: NOV. 28, 2001	REVIEWED: _____	PROJ. MGR.: _____
SCALE: AS NOTED	DESIGNED: W.R.C.	SECTION CHIEF: _____	DIVISION DIR.: _____

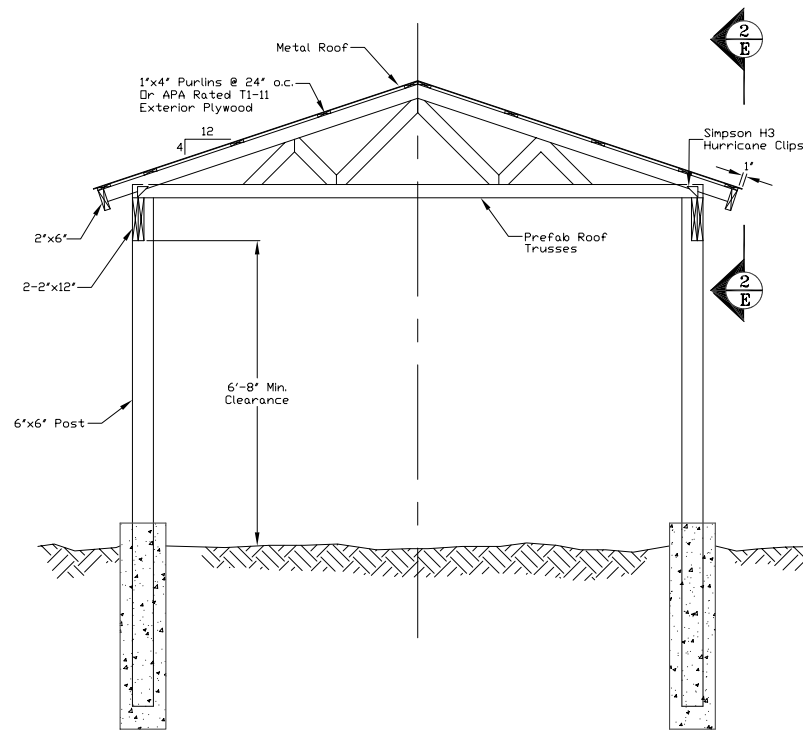
12-Ft. x 16-Ft. PAVILION

PLAN AND ELEVATION

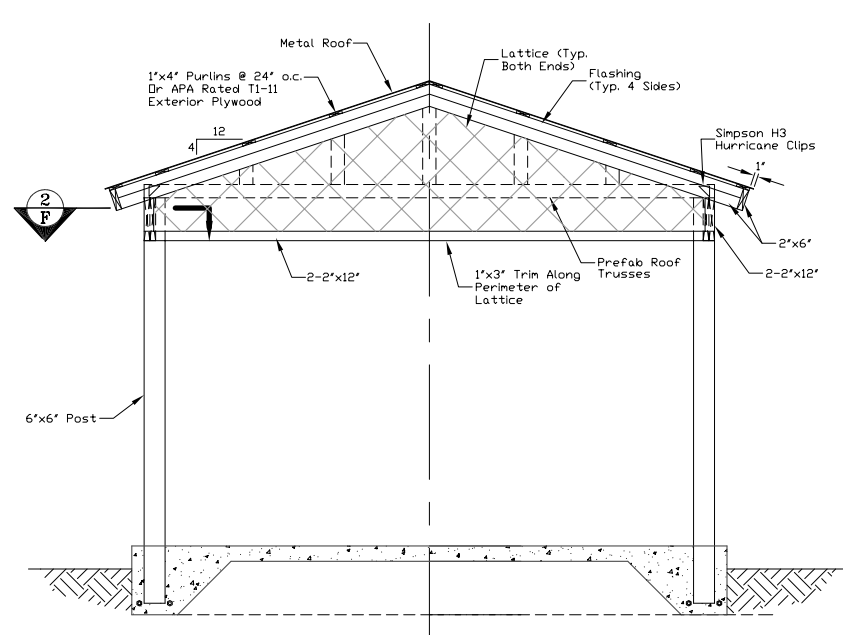
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SECTION WITH CONCRETE SLAB

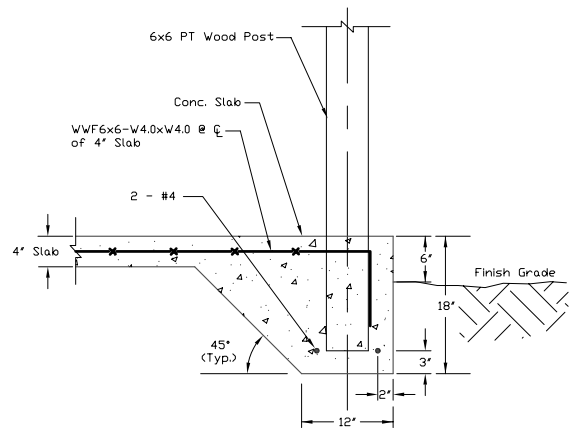


SECTION WITH ALTERNATE SONOTUBE FOOTING

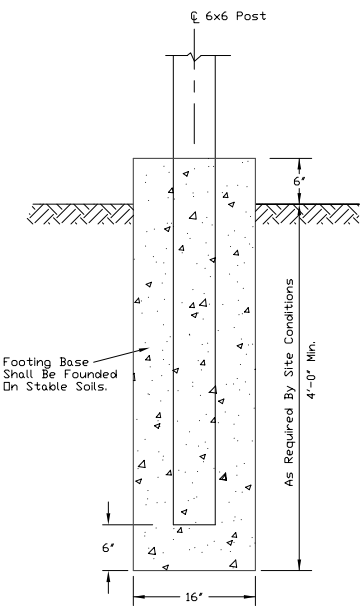


END ELEVATION

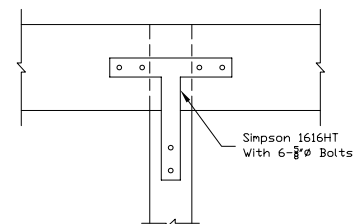
NOTE:
Provide Lightning Arrestor
And Ground As Req'd By
Standard Building Code.



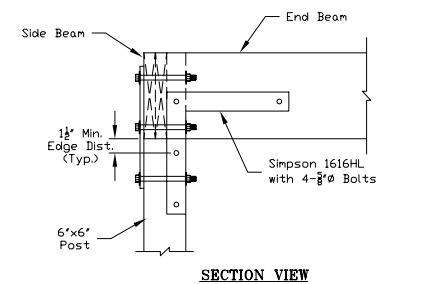
FOOTING DETAIL FOR CONCRETE SLAB



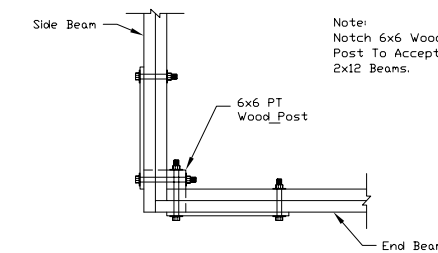
ALTERNATE SONOTUBE FOOTING DETAIL



DETAIL



SECTION VIEW



PLAN VIEW

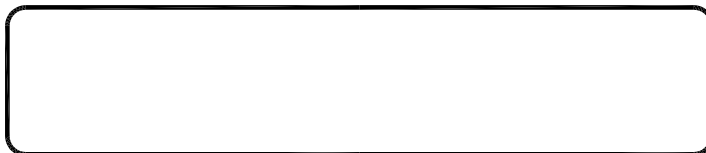
DETAIL

NOT FOR CONSTRUCTION

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DATE: _____

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 P.O. BOX 1429 PALATKA, FLORIDA

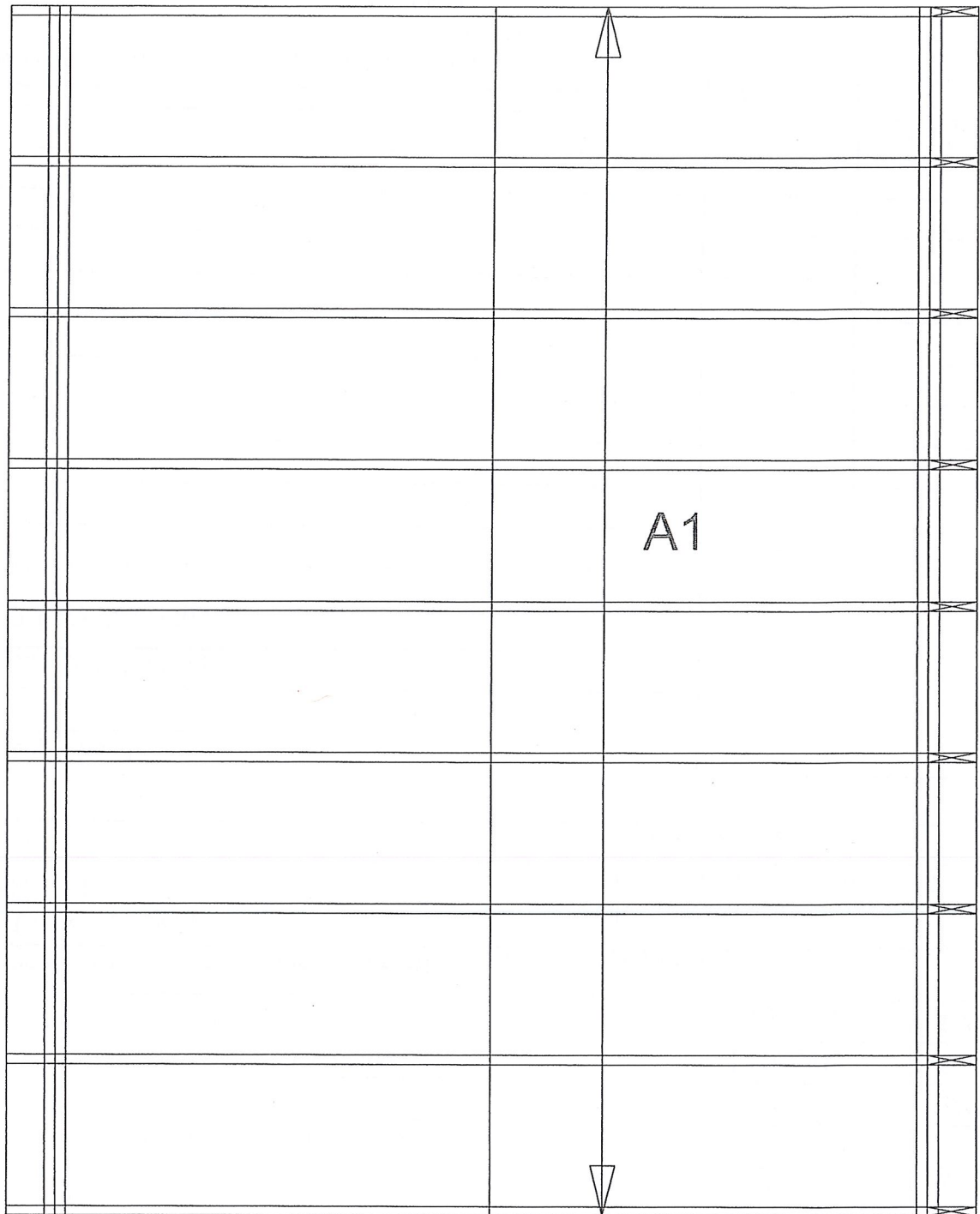
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12-Ft. x 16-Ft. PAVILION

SECTIONS AND DETAILS

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Addr: 911 ADDRESS
Date: 06-13-2014

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