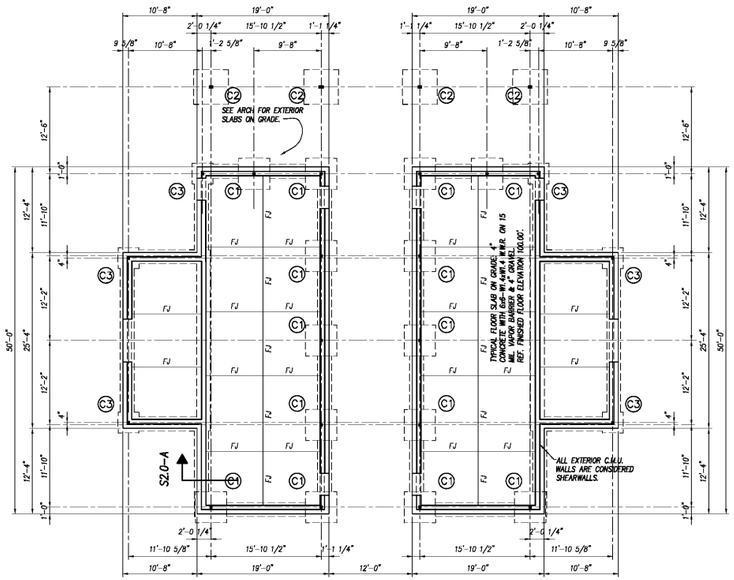
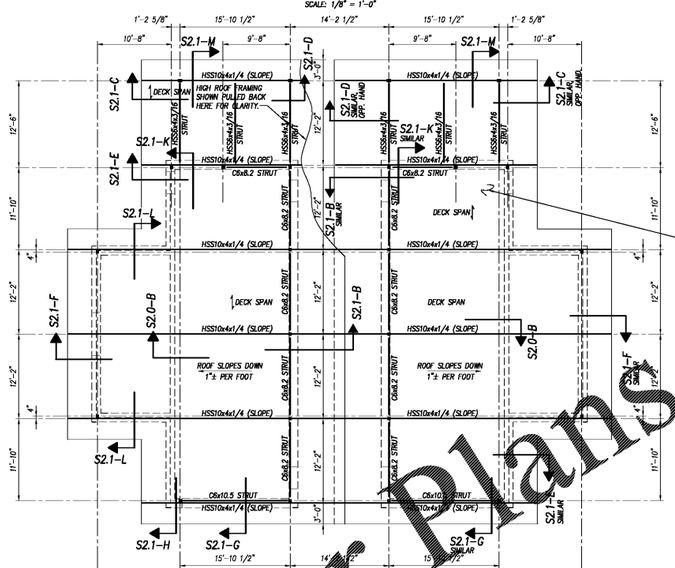


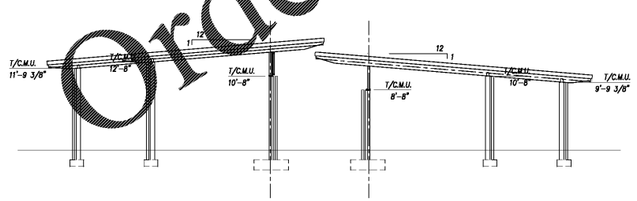
FOUNDATION PLAN

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



ROOF FRAMING PLAN

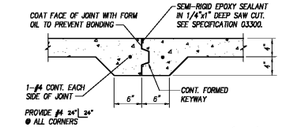
SCALE: 1/8" = 1'-0"



SCHEMATIC ELEVATION

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

CONCRETE SLAB ON GRADE JOINTING GENERAL NOTES & DETAILS

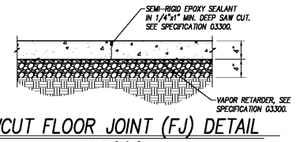


TYPICAL CONSTRUCTION JOINT (CJ) DETAIL

SCALE: 1"=1'-0"

THIS DETAIL MAY BE USED AT THE CONTRACTOR'S DISCRETION WHERE A CONSTRUCTION JOINT IN THE SLAB IS REQUIRED. ALL CONSTRUCTION JOINTS AND SAWCUT FLOOR JOINTS SHALL BE LOCATED ON THE SUBMITTAL DESCRIBED AT RIGHT.

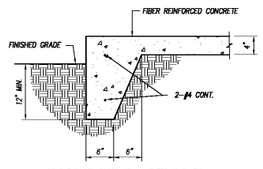
ISOLATION JOINTS ARE REQUIRED BETWEEN THE SLAB AND ADJOINING BUILDING ELEMENTS SUCH AS WALLS & COLUMNS. ISOLATION JOINTS SHALL BE FORMED BY INSERTING THE SPECIFIED PREFORMED EXPANSION JOINT MATERIAL (P.E.J.) BETWEEN THE SLAB AND THE ADJOINING ELEMENT. WHERE REQUIRED BY THE ARCHITECT, THE TOP OF THE P.E.J. SHALL BE REMOVED AND CAULKED WITH AN ELASTOMERIC SEALANT.



SAWCUT FLOOR JOINT (FJ) DETAIL

SCALE: 1"=1'-0"

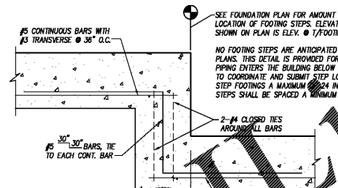
THE CONTRACTOR SHALL SUBMIT A FLOOR JOINT LAYOUT & PLACING SEQUENCE FOR REVIEW A MINIMUM OF 3 WEEKS PRIOR TO SLAB POUR. JOINTING LAYOUT AND SEQUENCE SHALL CONFORM TO ACI 302. THE SLAB MAY BE POURED MONOLITHICALLY (IN LIEU OF KEYED JOINTS) PROVIDED THAT THE JOINTS ARE CUT AS SOON AS THE SLAB CAN SUPPORT AN OPERATOR AND EQUIPMENT (BUT NO MORE THAN 4 HOURS AFTER THE POUR). SAW CUT JOINTS SHOULD BE A MIN. OF 1" DEEP FOR A 4" THICK SLAB AND SHALL BE LOCATED AT 15'-0" MAX. ON CENTER. JOINTS SHOULD BE LOCATED SUCH THAT THE SIDE RATIO OF EACH AREA DOES NOT EXCEED 3:2. HOWEVER A RATIO OF 1:1 IS PREFERRED. PROVIDE EITHER A SAW CUT JOINT OR 2-#4'S x 6'-0" AT ALL INTERIOR CORNERS.



USE @ EXPOSED EDGES OF ALL EXTERIOR SLABS

TYPICAL EXTERIOR SLAB TURNDOWN

SCALE : 1"=1'-0"

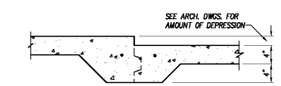


SEE FOUNDATION PLAN FOR AMOUNT & LOCATION OF FOOTING STEPS. ELEVATION SHOWN ON PLAN IS ELEV. @ T/FOOTING.

NO FOOTING STEPS ARE ANTICIPATED OTHER THAN AS NOTED ON THE PLANS. THIS DETAIL IS PROVIDED FOR USE AS INDICATED AND WHERE PIPING ENTERS THE BUILDING BELOW THE FIN. FL. ELEVATION. CONTRACTOR TO COORDINATE AND SUBMIT STEP LOCATIONS AND DETAILS AS REQUIRED. STEP FOOTINGS A MAXIMUM OF 24 INCHES AT CENTER LOCATIONS. STEPS SHALL BE SPACED A MINIMUM OF 4'-0" ON CENTER.

TYPICAL FOOTING STEP

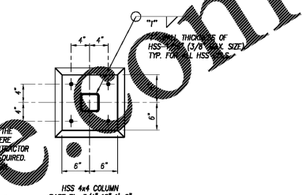
SCALE : 1"=1'-0"



PROVIDE METAL KEYWAY, CONT. REINF., CORNER BARS ETC. WHERE FJ OCCURS @ SAME LOCATION AS SLAB DEPRESSION.

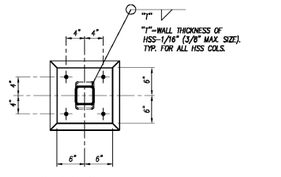
TYPICAL SLAB DEPRESSION

SCALE : 1"=1'-0"



DETAIL B

NO SCALE



DETAIL A

NO SCALE

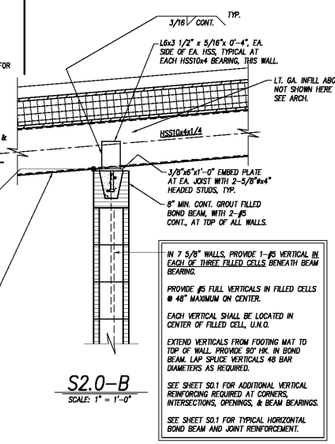
COLUMN SCHEDULE

COL. NO.	FOOTING SIZE	FOOTING REINF. E. W.	FOOTING ELEV. @ TOP	COLUMN SIZE	COLUMN BASE PL. SIZE	COLUMN BASE DET.	CAP PL. SIZE	REMARKS	COL. NO.
C1	4'-6"x4'-6"x18"	9-#4 T. & BOTT.	98.67'	HSS 4x4x5/16	1"x12"x12"x1'-0"	A	3/8"x4", CUT TO FIT		C1
C2	5'-0"x5'-0"x24"	7-#5 T. & BOTT.	98.67'	HSS 6x4x1/4	1"x12"x12"x1'-0"	A	3/8"x4", CUT TO FIT		C2
C3	3'-0"x3'-0"x12"	5-#4	98.67'	HSS 4x4x1/4	3/4"x12"x1'-0"	B	3/8"x4"x10'-4"		C3

NOTE: A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF HAS BEEN ASSUMED IN THE SIZING OF FOOTINGS. IF SITE CONDITIONS INDICATE OTHERWISE, THE ARCHITECT OR ENGINEER SHALL BE NOTIFIED IMMEDIATELY.

STRUCTURAL INSULATED PANELS (SIPS)

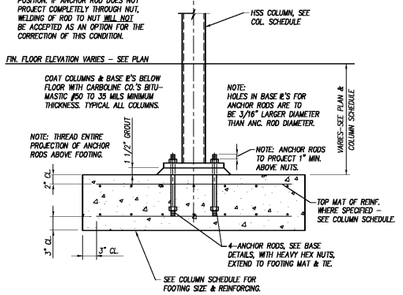
1. STRUCTURAL INSULATED WOOD ROOF PANELS SHALL BE FACTORY ASSEMBLED, ENGINEERED--WOOD-FACED, STRUCTURAL INSULATED PANELS (SIPS) WITH AN EXPANDED POLYSTYRENE (EPS) FOAM CORE. THE PRODUCT SHALL BE INTENDED AS A LOAD BEARING ROOF PANEL AND SHALL HAVE AN OVERALL THICKNESS OF 8 1/2 INCHES.
2. PANEL FACING SHALL CONSIST OF TWO SINGLE--PLY ORIENTED STRAND BOARD FACINGS A MINIMUM OF 7/16" THICK CONFORMING TO DOC PS 2, EXPOSURE 1, RATED SHEATHING WITH A SPAN INDEX OF 24/16.
3. CORE MATERIAL SHALL BE EPS FOAM PLASTIC INSULATION CONFORMING TO ASTM C578, TYPE I.
4. THE FACING, CORE, AND ADHESIVE USED IN CONSTRUCTION MUST BE COMPATIBLE MATERIALS FROM APPROVED SOURCES AS IDENTIFIED IN THE MANUFACTURER'S WRITTEN DATA & NTA EVALUATION REPORT.
5. STRUCTURAL INSULATED PANELS SHALL BE INTERCONNECTED WITH CONTINUOUS SURFACE OR BLOCK SPLINES.
6. PANELS SHALL BE SUFFICIENT TO SUPPORT THE FOLLOWING MINIMUM LOADS COMBINED IN ACCORDANCE WITH THE REFERENCED BUILDING CODE COMBINATIONS.
   - 6.A. 20 PSF LIVE LOAD,
   - 6.B. 5 PSF DEAD LOAD,
   - 6.C. 5 PSF COLLATERAL DEAD LOAD, AND
   - 6.D. COMPONENT & CLADDING WIND LOADS ON SO.O.
   - 6.E. MAXIMUM LIVE LOAD DEFLECTION = L/240
   - 6.F. MAXIMUM TOTAL LOAD DEFLECTION = L/180
7. FASTEN PANELS TO HSS PURLINS @ 12" MAX. O.C. USING MANUFACTURER'S RECOMMENDED FASTENERS. BASIS FOR DESIGN: TRUFAST SIP FASTENER "SIPHO"
   - 7.A. ULTIMATE WITHDRAWAL CAPACITY = 4500 LBS.
   - 7.B. ULTIMATE LATERAL CAPACITY = 790 LBS.
8. CONTRACTOR TO COORDINATE PERMISSIBLE AND REQUIRED HOLE LOCATIONS FOR CONDUIT AND/OR RECESSED LIGHTING WITH ARCHITECT AND PANEL MANUFACTURER.
9. SHOP DRAWINGS: CONTRACTOR SHALL SUBMIT PANEL LAYOUT, PRODUCT DATA, COORDINATED HOLE LOCATIONS, & FASTENER DATA TO ARCHITECT FOR REVIEW A MINIMUM OF 4 WEEKS PRIOR TO ORDERING MATERIALS.



S2.0-B

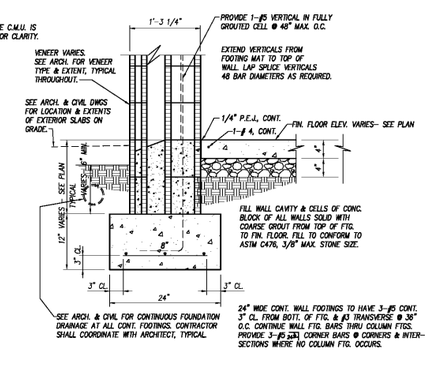
SCALE: 1" = 1'-0"

NOTE!
PROJECT ANCHOR RODS ABOVE TOP OF FOOTING SO THAT TOP OF ANCHOR ROD PROJECTS 1" ABOVE NUT IN FINAL POSITION. IF ANCHOR ROD DOES NOT PROJECT COMPLETELY THROUGH NUT, WELDING OF ROD TO NUT WILL NOT BE ACCEPTED AS AN OPTION FOR THE CORRECTION OF THIS CONDITION.



TYPICAL HSS COLUMN & FOOTING

NO SCALE



SEE ARCH. & CIVIL FOR CONTINUOUS FOUNDATION DRAINAGE AT ALL CONT. FOOTINGS. CONTRACTOR SHALL COORDINATE WITH ARCHITECT, TYPICAL.

WM2A ARCHITECTS
WM2A.COM
348 COTTON AVENUE
SUITE 500, PO BOX 110
MACON, GEORGIA 31201

Seal:

STRUCTURAL DESIGN BY PI-TECH, INC.
GEORGIA REGISTERED No. 32195 PROFESSIONAL ENGINEER CLAIRE E. DENT

CENTER PARK RESTROOM FACILITIES AND SHADE PAVILLION

City of Centerville

103 E CHURCH ST
CENTERVILLE, GA
31028

REVISIONS

#	DATE	DESCRIPTION

Date:	4 NOV 2019
Drawn By:	CED
Checked By:	CED
Project Number:	2018-077

Drawing Name:

RESTROOM FACILITY FOUNDATION & FRAMING PLANS AND DETAILS

Drawing Number:

S2.0