

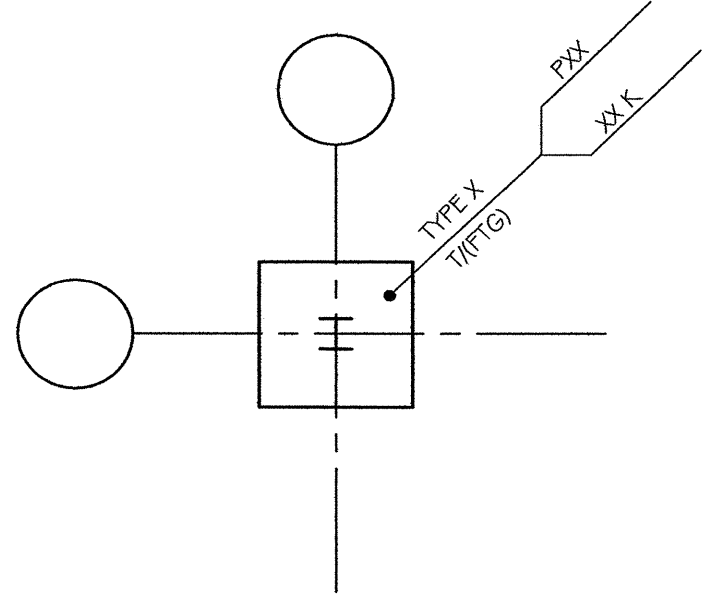
FOUNDATION PLAN

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

LEGEND:
 C.J. CONTROL JOINT
 F.O.S. FACE OF STUD/SLAB
 F.O.B. FACE OF BRICK

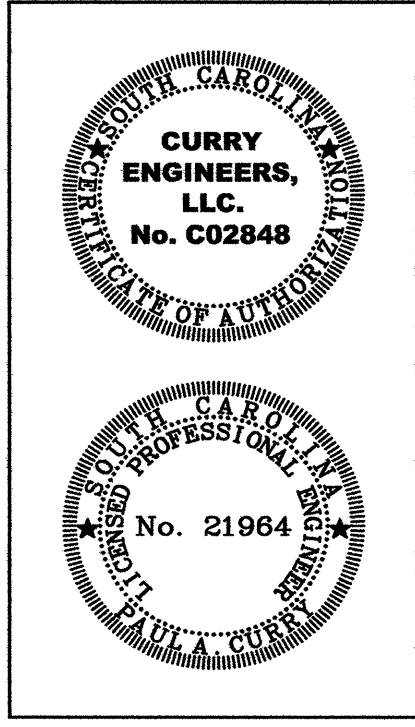
FOOTING FOUNDATION PLAN NOTES:
 1. TYP. ELEVATION IS +0'-0" USED FOR DATUM ELEVATION. ELEVATIONS FOR FOOTINGS, SLABS, STEEL WALLS, FLOORS, ELEVATOR PITS, ETC. ARE REFERENCED + OR - FROM DATUM ELEVATION.
 2. T/FTG ELEVATIONS ARE SHOWN ON PLAN FOR STRIP AND SPREAD FOOTINGS. FOOTING STEPS ARE SHOWN IN RELATIVE LOCATIONS UNLESS NOTED OTHERWISE ON PLAN. SEE SHT. 5XXX & 5XXX "TYPICAL DETAILS" FOR FOOTING STEP AND SPACING REQUIREMENTS. TOP OF STRIP FOOTING ELEVATION MATCHES ADJACENT TOP OF SPREAD FOOTING ELEVATION, U.N.O. (I.E. FOOTING STEPS).
 3. TYPICAL SLAB ON GRADE (S.O.G.) IS 4" NORMAL WEIGHT CONCRETE REINFORCED WITH 6X6-W1.4XW1.4 WMM (FLAT SHEETS) ON COMPACTED FILL. ROLLED MESH IS NOT PERMITTED. SUPPORT WMM AT 1" FROM TOP OF S.O.G. WITH SAND PLATES (CHAIRS WITH SHEET METAL PLATE BASES) OR OTHER ACCEPTABLE DEVICES. BRICKS ARE NOT PERMITTED. SEE ARCH. DWGS. SPECIFICATION FOR MOISTURE BARRIER RETARDER.
 4. PROVIDE THICKENED S.O.G. UNDER ALL MASONRY WALLS WHERE NO FOOTINGS ARE SHOWN ON PLAN. REFER TO SHT. 5-2.1 "TYPICAL DETAILS".
 5. CONTROL JOINTS - SAW CUT OR STRIPPABLE - ARE SHOWN ON PLAN - REFER TO "CONTROL JOINT" DETAILS ON SHT. 5-2.1 FOR DETAILS AT THESE JOINTS. WHERE CONTRACTOR DESIRES TO BREAK SLAB POURS ALONG THESE JOINTS, THE "CONSTRUCTION JOINT" DETAILS SHOWN ON SHT. 5-2 "TYPICAL DETAILS" SHALL BE USED.
 6. NO UNDERCUTTING AND BACKFILLING IS PERMITTED UNDER ANY FOOTINGS DUE TO HIGH ALLOWABLE BEARING PRESSURES USED IN FOOTING DESIGN. LEAN CONCRETE (f_c = 2000 PSI) OR FOOTING CONCRETE SHALL BE USED TO "BACKFILL" ANY OVEREXCAVATION.
 7. CONTRACTOR SHALL SHORE ALL WALLS RECEIVING BACKFILL ON ONLY ONE SIDE OR WALLS WITH UNEQUAL LEVELS OF BACKFILL ON OPPOSITE SIDES, UNLESS NOTED OTHERWISE IN THE DETAILS. ANY WALLS FOR WHICH SHORING IS INDICATED AS REQUIRED IN THE PLANS OR DETAILS SHALL BE SHORED REGARDLESS OF BACKFILL CONDITIONS.
 8. MASONRY SHOWN ON STRUCTURAL DRAWINGS DEFINES ONLY THE EXTENT AND REQUIREMENTS OF MASONRY UTILIZED FOR STRUCTURAL PURPOSES (I.E. BEARING WALLS, SHEAR WALLS, RETAINING WALLS, FOUNDATION WALLS, COLUMNS, ETC.).
 9. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND DRAWINGS OF OTHER DISCIPLINES FOR LOCATIONS AND DIMENSIONS OF OPENINGS, DEPRESSIONS, NON-STRUCTURAL MASONRY, AND REFRACT PANEL PLACING SYSTEMS.

MASONRY AND REFRACT PANEL PLACING SYSTEMS:
 10. SEE SHT. 5-1 FOR "GENERAL NOTES" AND SHT. 5-10 FOR "TYPICAL DETAILS". TYPICAL DETAILS ARE GENERALLY NOT CUT ON PLANS BUT RATHER ARE INTENDED TO DEFINE TYPICAL CONSTRUCTION CONDITIONS. WHERE TYPICAL DETAILS ARE CUT ON PLAN, THE INTENT IS TO ILLUSTRATE THE TYPE OF CONDITION AT WHICH THAT DETAIL IS INTENDED TO APPLY RATHER THAN EVERY OCCURRENCE OF THAT DETAIL.
 11. SEE SHT. 5-2 FOR FOOTING SCHEDULE OR DETAILS.
 12. SEE SHT. 5-2.1 FOR PILASTER DETAILS.
 13. SEE SHT. 5-3 FOR COLUMN SCHEDULE AND BASE PLATE DETAILS.
 14. FOOTINGS ARE NOTED ON PLAN WITH THE FOLLOWING DESIGNATIONS:
 FXX = FOOTING MARK PER SCHEDULE OR DETAIL
 T/FTG = TOP OF FOOTING FROM DATUM
 XX K = COLUMN LOAD (KIPS)
 PXX = PILASTER TYPE PER DETAILS (SEE SHEET 5XXX FOR PILASTER DETAILS)



MARK	SIZE	(TOP) LONGITUDINAL	(BOTT.) LONGITUDINAL	TRANSVERSE TOP BARS	TRANSVERSE LONG BARS
I	5'-0"x2'-0"xCONT.	(4) #6 BARS	(9) #6 BARS	#6 BARS @ 48" O.C.	#6 BARS @ 18" O.C. (HOOK @ ENDS)
IA	6'-0"x2'-0"x32'-6"	(5) #6 BARS	(11) #6 BARS	#6 BARS @ 48" O.C.	#6 BARS @ 18" O.C. (HOOK @ ENDS)
II	5'-0"x2'-6"xCONT.	(4) #6 BARS	(10) #6 BARS	#6 BARS @ 48" O.C.	#6 BARS @ 18" O.C. (HOOK @ ENDS)
III	5'-0"x2'-0"x50'-0"	(5) #6 BARS	(11) #6 BARS	#6 BARS @ 48" O.C.	#6 BARS @ 18" O.C. (HOOK @ ENDS)
IV	5'-0"x2'-0"xCONT.	(5) #6 BARS	(11) #6 BARS	#6 BARS @ 48" O.C.	#6 BARS @ 18" O.C. (HOOK @ ENDS)
V	5'-0"x1'-6"x44'-0"	(4) #6 BARS	(11) #6 BARS	#6 BARS @ 48" O.C.	#6 BARS @ 18" O.C. (HOOK @ ENDS)
VI	6'-0" SQ. x 16" DEEP	(7) #6 BARS	(7) #6 BARS	#6 BARS @ 48" O.C.	#6 BARS @ 18" O.C. (HOOK @ ENDS)
VII	4'-0"x1'-6"xCONT.	(4) #6 BARS	(4) #6 BARS	#6 BARS @ 18" O.C.	#6 BARS @ 18" O.C. (HOOK @ ENDS)
VIIA	4'-0"x1'-6"xCONT.	(10) #6 BARS, E.W.	(4) #6 BARS	(10) #6 BARS, E.W.	#6 BARS @ 18" O.C. (HOOK @ ENDS)
TIE BEAM	2'-6"x1'-6"xCONT.	(4) #6 BARS	(4) #6 BARS	N/A	N/A
VIII	2'-0"x1'-0"xCONT.	(3) #5 BARS	(3) #5 BARS	N/A	#5 BARS @ 32" O.C.

CURRY ENGINEERS, LLC.
 STRUCTURAL ENGINEERING
 ROOFING CONSULTANTS
 843-849-9785
 451 Sassafras Parkway
 Mt Pleasant, SC 29564
 WWW.CURRYENGINEERING.COM



**OFFICES AT BELLE HALL
 BUILDING ONE
 MT. PLEASANT, S.C.**

REVISIONS:
 Δ GEN. REVISION 04.12.06 PAC
 Δ CONST. SET 04.25.06 PAC
 Δ REMOVED RECESS SLAB 5.16.06 PAC
 Δ ADDED FTG 5.16.06 PAC
 Δ ELEV. MODS 5.26.06 PAC

LEGAL NOTICE
 DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE ENGINEER WHETHER THE WORK FOR WHICH THEY ARE MADE BE EXECUTED OR NOT, AND ARE NOT TO BE USED ON OTHER WORK EXCEPT BY AGREEMENT WITH THE ENGINEER.

FOUNDATION PLAN & DETAILS

DRAWN BY: J. BOYD
DESIGNED BY: P. CURRY
CHECKED BY: P. CURRY
DATE: 01.06.06
SCALE: AS NOTED
JOB NO.: 25134
SHEET:

CONSTRUCTION SET ONLY