

GENERAL NOTES:

- FOUNDATION DESIGN FOR AN ALLOWABLE NET SOIL PRESSURE OF 2000 PSF.
- REFERENCE SECTION 03310 - STRUCTURAL CONCRETE FOR CONCRETE MIX DESIGN REQUIREMENTS. MIX DESIGNS THAT DO NOT MEET THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS WILL NOT BE ACCEPTED. ALL WORK SHALL CONFORM TO ACI 318, LATEST EDITION.
- REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. SUBMIT SHOP DRAWINGS FOR APPROVAL. BAR SPLICES SHALL BE CLASS "B" LAP SPLICE. MINIMUM LAP SPLICE SHALL BE 48 DIAMETERS U.N.O.
- CONTRACTOR SHALL PROVIDE SOIL COMPACTION TEST AND REPORTS BY AN INDEPENDENT TESTING LABORATORY. COST OF TESTING SHALL BE PAID BY OWNER. FILL SHALL BE COMPACTED TO A MINIMUM OF 98% AS DESCRIBED BY ASTM D998. TEST SHALL BE PERFORMED ON EACH 8' LIFT FOR MASS FILL. OR INCREASE OF FILL @ 1 TEST/2500 S.F. REF. SOILS REPORT BY BUILDING & EARTH DATED APRIL 5, 2011. REFERENCE GEOTECHNICAL REPORT AND SPECIFICATIONS FOR ALL FILL MATERIAL REQUIREMENTS AND PLACEMENT.
- VAPOR BARRIER SHALL BE 10 MIL THICKNESS, MIN. STEGO WRAP BY STEGO INDUSTRIES OR EQUAL. JOINTS SHALL BE LAPPED 6" AND TAPED. (MAX. PERM. RATING OF 0.5) REQUIRED UNDER ALL SLAB ON GRADES.
- INTERIOR METAL STUD FRAMING SHALL BE AS SHOWN ON ARCHITECTURAL DRAWINGS. EXTERIOR METAL STUD FRAMING SHALL BE MINIMUM OF 16 GA. CSJ METAL STUDS W/ 18 GA. TRACK AT TOP AND BOTTOM. 8" METAL STUDS TO BE MINIMUM 14 GA. CSJ STUDS. MINIMUM YIELD STRENGTH FOR ALL EXTERIOR METAL FRAMING TO BE 50 KSI. ALL STUD TRACKS, BRIDGING AND ACCESSORIES SHALL BE GALVANIZED STEEL. HAVING A G60 GALVANIZED COATING MEETING THE REQUIREMENTS OF ASTM A625. ALL STUDS OVER 8' IN LENGTH TO BE BRIDGED AT MID-SPAN. BOTH STUD FLANGES MUST BE ATTACHED TO TRACKS W/ #12 TEK SCREW. ALL TRACKS MUST BE ATTACHED TO STUDS WITH #12 TEK SCREW. ALL TRACKS @ 24" ON CENTER OR EQUAL HILLOCKS SHALL BE BRIDGED AT MID-SPAN. MASONRY CONCRETE WITH 1/2" TACKERS OR 1/2" EXPANSION JOINTS @ 24"
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON THE FOLLOWING:
 - REINFORCING STEEL
 - CONCRETE MIX DESIGNS
 - METAL BUILDING DRAWINGS
 METAL BUILDING REACTIONS TO BE PROVIDED PRIOR TO ANY CONSTRUCTION ON THE PROJECT.
- FOUNDATION COLUMN LOCATIONS AND SLAB EDGES ARE TO BE COORDINATED WITH THE FINAL METAL BUILDING DRAWINGS PRIOR TO BEGINNING FOUNDATION WORK. REFERENCE ARCHITECTURAL SECTIONS AND DETAILS FOR FRAMING OF EXTERIOR METAL STUD FRAMING.
- ENGINEERING DESIGN CRITERIA (PER METAL BUILDING DRAWINGS):

BUILDING CODE	2012 IBC
RISK CATEGORY	NORMAL - CATEGORY II
SNOW	
GROUND SNOW	5.00 PSF
IMPORTANCE FACTOR	1.00
FLAT ROOF SNOW	8.50 PSF
EXPOSURE FACTOR	1.00
THERMAL FACTOR	1.00
WIND	
BASIC WIND SPEED	115 MPH Vult / 88 MPH Vasd
WIND IMPORTANCE FACTOR	1.00
EXPOSURE CATEGORY	B
SEISMIC	
IMPORTANCE FACTOR	1.00
SEISMIC DESIGN CATEGORY	C
SOIL SITE CLASS	D
S _s	0.128g
S ₁	0.073g
S _{0.1}	0.117g
S _{0.5}	0.134g
S ₁	0.117g
ANALYSIS PROCEDURE	EQUVALENT LATERAL FORCE
RESPONSE MODIFICATION (R)	3.00
RESPONSE COEFFICIENT (C _w)	0.04
DESIGN BASE SHEAR (V)	4.58 k
SEISMIC FORCE RESISTING SYSTEM	STEEL SYSTEM NOT SPECIFICALLY DESIGNED FOR SEISMIC RESISTANCE

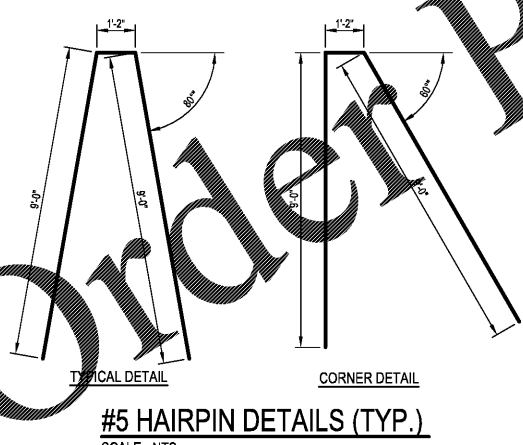
SPECIAL INSPECTION NOTES:

- 2012 INTERNATIONAL BUILDING CODE
 - THIS SECTION APPLIES TO THE STRUCTURAL PORTIONS OF THE PROJECT REQUIRING SPECIAL INSPECTION. THE SPECIAL INSPECTOR'S DUTIES ARE AS DESCRIBED IN THE INTERNATIONAL BUILDING CODE SECTION 1704. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
 - THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE BUILDING OFFICIAL AND THE ENGINEER OF RECORD FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION REQUIRING SPECIAL INSPECTIONS.
 - THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED TO HIM IN ACCORDANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.
 - COPIES OF TEST REPORTS AND FINAL REPORTS SHALL BE FURNISHED TO THE ENGINEER OF RECORD IN ADDITION TO OTHER NORMAL DISTRIBUTIONS WHICH ARE REQUIRED BY THE TEST OR INSPECTION.
 - ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. DISCREPANCIES WHICH ARE NOT CORRECTED SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL.
 - THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK BEING INSPECTED CONFORMS TO THE BEST OF THE INSPECTOR'S KNOWLEDGE AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE 2012 INTERNATIONAL BUILDING CODE.
- TESTS AND INSPECTIONS SHALL BE PERFORMED BY THE INDEPENDENT TESTING AND INSPECTION AGENCY EMPLOYED BY THE OWNER OR ARCHITECT AND NOT THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TEST AND INSPECTION FIRM WITH A SCHEDULE TO FACILITATE THE PROPER COORDINATION OF WORK.
- PORTIONS OF THE WORK REQUIRING SPECIAL INSPECTION AS PER THE 2012 INTERNATIONAL BUILDING CODE AS LISTED BELOW.

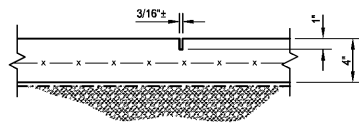
TYPE OF SPECIAL INSPECTIONS	2012 IBC SECT.	INSPECTION ASSURANCE	REQ'D	NOT REQ'D
APPROVED FABRICATORS	1704.2.5	INDICATED IN SECTION	X	
STEEL CONSTRUCTION	1705.2	AISC 360	X	
STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL	1705.2.2	IBC TABLE 1705.2.2	X	
COLD-FORMED WELDING INSPECTION	1705.2.2.1	AWS D1.3		X
REINFORCED STEEL WELDING INSPECTION	1705.2.2.1.2	AWS D1.4 ACI 318		X
COLD FORMED STEEL TRUSSES SPANNING 80 FEET OR GREATER	1705.2.2.2	INDICATED IN SECTION		X
CONCRETE CONSTRUCTION	1705.3	IBC TABLE 1705.3	X	
MASONRY CONSTRUCTION	1705.4	TMS 420/ACI 530/ASCE 5 TMS 602/ACI 530.1/ASCE 6	X	
WOOD CONSTRUCTION: HIGH-LOAD DIAPHRAGM/METAL-PLATE CONNECTED WOOD TRUSSES SPANNING 80 FEET OR GREATER	1705.5	INDICATED IN SECTION		X
SOILS	1705.6	INDICATED IN SECTION	X	
DRIVEN DEEP FOUNDATIONS	1705.7	INDICATED IN SECTION		X
CAST-IN-PLACE DEEP FOUNDATIONS	1705.8	INDICATED IN SECTION		X
HELICAL PILE FOUNDATIONS	1705.9	INDICATED IN SECTION		X
SPECIAL INSPECTIONS FOR WIND RESISTANCE	1705.10	INDICATED IN SECTION		X
SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE	1705.11	INDICATED IN SECTION		X
TESTING AND QUALIFICATION FOR SEISMIC RESISTANCE	1705.12	INDICATED IN SECTION		X
SPRAYED FIRE RESISTANCE MATERIALS	1705.13	INDICATED IN SECTION		REFERENCE ARCH.
MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS	1705.14	AWC1 12-B		REFERENCE ARCH.
EXTERIOR INSULATION AND FINISHING SYSTEMS/WATER-RESISTIVE BARRIER COATING	1705.15	INDICATED IN SECTION AND ASTM E2570		REFERENCE ARCH.
FIRE-RESISTANT PENETRATIONS AND JOINTS	1705.16	INDICATED IN SECTION		REFERENCE ARCH.
SPECIAL INSPECTION FOR SMOKE CONTROL	1705.17	INDICATED IN SECTION		REFERENCE ARCH.

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

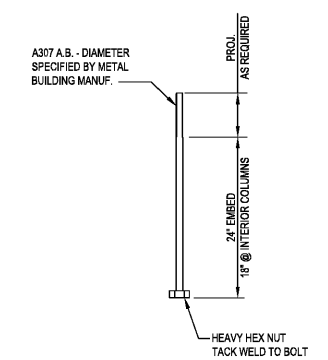
- NOTE:
- VERIFY ALL DIMENSIONS AND LOCATIONS OF COLUMNS WITH METAL BUILDING DRAWINGS.
 - REFERENCE METAL BUILDING DRAWINGS AND ARCHITECTURAL FOR ALL SLAB EDGE DIMENSION AT PILASTERS.



#5 HAIRPIN DETAILS (TYP.)
SCALE: NTS



SAWN JOINT (S.J.)
SCALE: 1 1/2" = 1'-0"
NOTE: ALL SAWN JOINTS ARE TO BE COMPLETED WITHIN 12 HOURS OF THE INITIAL CONCRETE POUR.



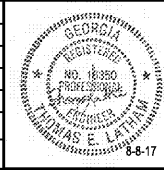
TYPICAL ANCHOR BOLT DETAIL
SCALE: NOT TO SCALE

- NOTES:
- REFERENCE METAL BUILDING DRAWINGS FOR NUMBER OF REQUIRED ANCHOR BOLTS AND DIAMETER.
 - ANCHOR BOLTS TO BE PROVIDED BY CONTRACTOR.
 - THE EXACT LOCATIONS OF ALL ANCHOR BOLTS TO BE COORDINATED WITH THE ANCHOR BOLT SHOP DRAWINGS AND VERIFIED BY LICENSED PROFESSIONAL SURVEYOR PRIOR TO POURING OF ANY CONCRETE.



REV.	DATE	DRN	CHK	DESCRIPTION
8-17		DGH	TEL	

DOCUMENT CONTROL



DOLLAR TREE

COLUMBUS, GA
FOUNDATION PLAN

PROJ. NO. 1605-84 DWG. NO. F-1.0