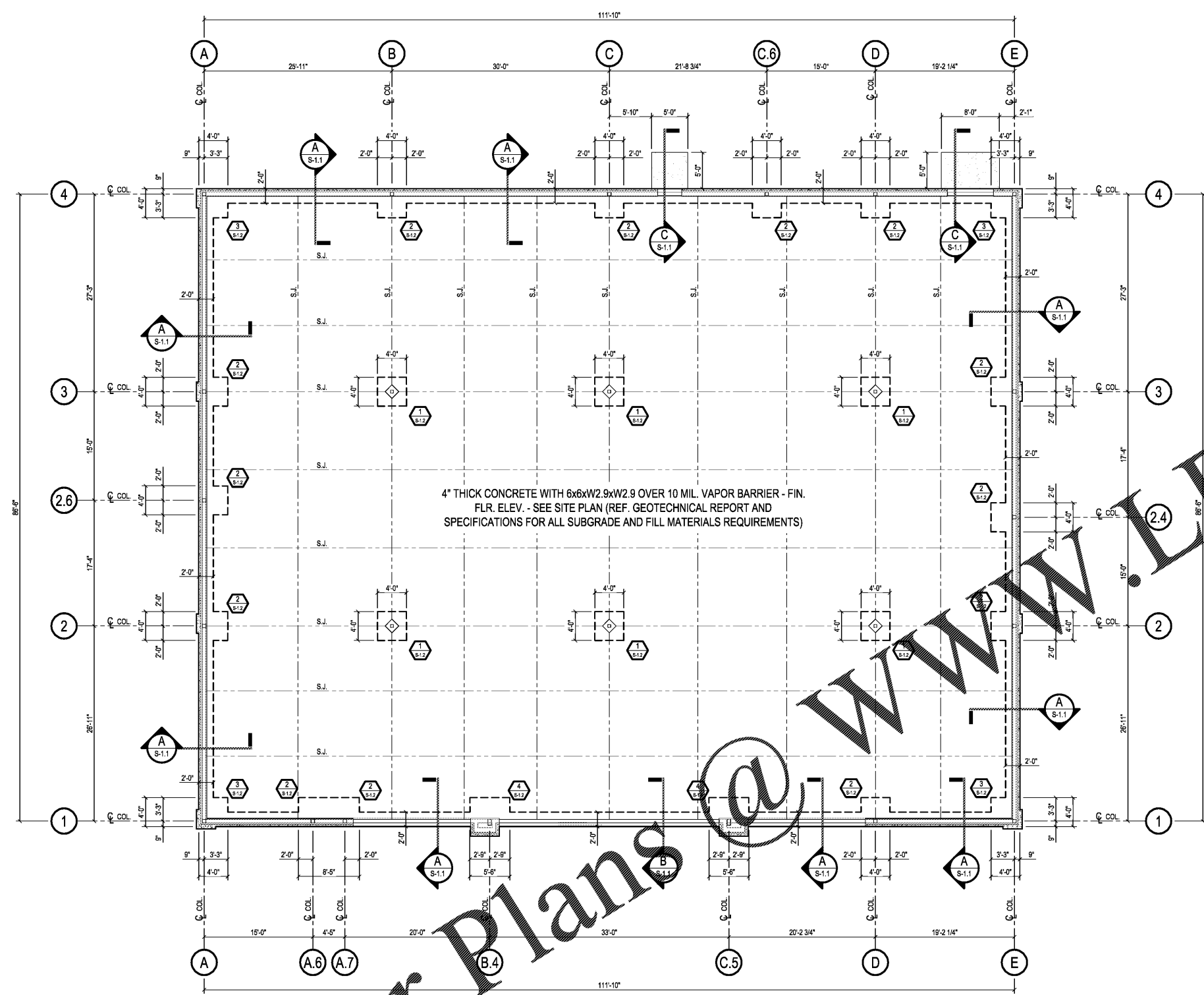


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FOUNDATION PLAN
SCALE: 1/8"=1'-0"

- NOTE:
1. VERIFY ALL DIMENSIONS AND LOCATIONS OF COLUMNS WITH ARCHITECTURAL DRAWINGS.
 2. COORDINATE ENLARGED PLAN DETAILS AND ARCHITECTURAL FOR ALL SLAB EDGE DIMENSIONS.

- GENERAL NOTES:**
1. CONTRACTOR TO REFERENCE GEOTECHNICAL REPORT AND SPECIFICATIONS FOR ALL CUT AND FILL MATERIAL REQUIREMENTS AND PLACEMENT INCLUDING ALL OTHER REQUIREMENTS FOR SITE PREPARATION.
 2. FOUNDATION DESIGN FOR AN ALLOWABLE NET SOIL PRESSURE OF 2500 PSF FOR COLUMNS AND CONTINUOUS FOOTINGS.
 3. 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.
 4. 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.
 5. 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 AS PER GEOTECHNICAL REPORT. TEST SHALL BE PERFORMED ON EACH 8" LIFT FOR MASS OR INCREASE OF FILL @ 1" TEST/2000 S.F. REF. SOILS REPORT BY TERRACON CONSULTANTS, INC., DATED JANUARY 30, 2019. REFERENCE GEOTECHNICAL REPORT AND SPECIFICATIONS FOR ALL FILL MATERIAL REQUIREMENTS AND PLACEMENT.
 6. VAPOR BARRIER SHALL BE 6 MIL. THICKNESS MKS. STEGO WRAP BY STEGO INDUSTRIES. JOINTS SHALL BE TAPPED 6" AND TAPED. (MAX. PERM. RATING OF 0.5) REQUIRED UNDER ALL SLAB ON GRADES.
 7. EXTERIOR METAL STUD FRAMING SHALL BE AS SHOWN ON ARCHITECTURAL DRAWINGS. EXTERIOR METAL STUD FRAMING SHALL BE MINIMUM OF 16 GA. CSJ METAL STUDS WITH TRACKS AT TOP AND BOTTOM. 8" METAL STUDS TO BE MINIMUM 14 GA. CSJ STUDS. MINIMUM YIELD STRENGTH FOR ALL EXTERIOR METAL FRAMING TO BE 60 KSI. ALL STUDS, TRACKS, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM 6061-T6 ALUMINUM. TRACKS SHALL BE BRIDGED AT MID-SPAN. BOTH STUD FLANGES MUST BE ATTACHED TO TRACKS WITH #12 TEK SCREWS. ALL TRACKS MUST BE FASTENED TO STEEL WITH (2) #12 TEK SCREWS @ 24" ON CENTER OR EQUAL H.L.T. PINS. ALL TRACKS TO BE FASTENED TO MASONRY / CONCRETE WITH (2) 1/4" TAPCON'S OR 1/2" EXPANSION ANCHOR @ 24" O.C.
 8. CONTRACTOR SHALL PROVIDE TEMP. WALL BRACING AS REQ'D UNTIL STRUCTURAL STEEL FRAMING IS SECURELY INSTALLED.
 9. ALL DIMENSIONS, 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.
 10. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE FOLLOWING:
FOUNDATION REINFORCING STEEL
CONCRETE MIX DESIGNS
WALL REINFORCING STEEL

DESIGN CRITERIA:

1. BUILDING CODE:	2017 FLORIDA BUILDING CODE
2. GRAVITY LOADS: ROOF DEAD LOAD ROOF LIVE LOAD	15 PSF 20 PSF
3. WIND LOADS: WIND SPEED RISK CATEGORY EXPOSURE CATEGORY	V = 135 MPH (ASCE 7-10) II B
4. SNOW LOADS: GROUND SNOW LOAD ROOF SNOW LOAD DRIFT LOAD	0 PSF 0 PSF N/A
5. SEISMIC LOADS: RISK CATEGORY SPECTRAL RESPONSE ACCELERATIONS: S _v S _d SITE CLASS SPECTRAL RESPONSE COEFFICIENTS: S _{DS} S _{DI} SEISMIC DESIGN CATEGORY SEISMIC-FORCE-RESISTING SYSTEM RESPONSE MODIFICATION COEFF. (R) DESIGN BASE SHEAR SEISMIC RESPONSE COEFFICIENT ANALYSIS PROCEDURE	II 0.078 0.038 D 0.083 0.061 A STEEL ORDINARY CONC. BRACED FRAME 3.25 8.121 KIPS C _s = 0.0255 EQUILIVENT LATERAL FORCE

- QUALITY CONTROL / INSPECTION NOTES:**
- REFERENCE SPECIFICATIONS - SECTION 01450 - "CONSTRUCTION QUALITY CONTROL"
1. THIS SECTION APPLIES TO THE STRUCTURAL PORTIONS OF THE PROJECT REQUIRING INSPECTION. THE REQUIRED QUALITY CONTROL TEST AND INSPECTIONS ARE AS DESCRIBED IN SECTION 01450 OF THE PROJECT SPECIFICATIONS.
DUTIES AND RESPONSIBILITIES OF THE TESTING AGENT:
A) THE TESTING AGENT SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL AND THE ENGINEER OR RECORD FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATIONS REQUIRING INSPECTIONS.
B) THE AGENT SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.
C) COPIES OF TEST REPORTS AND FINAL REPORTS SHALL BE FURNISHED TO THE ENGINEER OF RECORD IN ADDITION TO OTHER NORMAL DISTRIBUTIONS WITHIN ONE WEEK OF THE TEST OR INSPECTION.
D) ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. DISCREPANCIES THAT ARE NOT CORRECTED SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL.
E) THE TESTING AGENT SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING INSPECTION WAS TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE APPLICABLE BUILDING CODE.
 2. ALL TESTS AND INSPECTIONS SHALL BE PERFORMED BY THE INDEPENDENT TESTING AND INSPECTION AGENCY EMPLOYED BY THE OWNER OR ARCHITECT AND NOT THE CONTRACTOR.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TEST AND INSPECTION FIRM WITH A SCHEDULE TO FACILITATE THE PROPER COORDINATION OF WORK.
 4. TESTS AND INSPECTIONS SHALL BE PAID FOR BY THE OWNER.
 5. WHEN SPECIAL INSPECTIONS ARE NOT REQUIRED THE QUALITY CONTROL MEASURES OF SECTION 01450 OF THE PROJECT SPECIFICATIONS ARE STILL REQUIRED.

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DOLLAR TREE
OCOCHEE, FLORIDA

REV.	DATE	BY	DESCRIPTION

PROJECT NUMBER: 1805-48
DRAWN BY: KKT
CHECKED BY: TEL
ISSUE DATE: 6-8-19

DESCRIPTION

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TEST AND INSPECTION FIRM WITH A SCHEDULE TO FACILITATE THE PROPER COORDINATION OF WORK.

4. TESTS AND INSPECTIONS SHALL BE PAID FOR BY THE OWNER.

5. WHEN SPECIAL INSPECTIONS ARE NOT REQUIRED THE QUALITY CONTROL MEASURES OF SECTION 01450 OF THE PROJECT SPECIFICATIONS ARE STILL REQUIRED.

SHEET TITLE:
FOUNDATION PLAN

SHEET NUMBER:
S-1.0