

GENERAL NOTES & CONSTRUCTION SPECIFICATIONS

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING SITE CONDITIONS PRIOR TO PLACEMENT OF MATERIALS.
2. IF EXISTING CONDITIONS DIFFER FROM THOSE INDICATED ON THE PLANS, IT IS THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE DESIGN ENGINEER FOR MODIFICATIONS BEFORE CONTINUING CONST.
3. ALL MATERIALS SHALL BE INSTALLED PER MANUF. REC. AND PRODUCT DATA UNLESS OTHERWISE SPECIFIED.
4. ALL NOTES WITHIN THE CONSTRUCTION DOCUMENTS SHALL SUPERSEDE THE DRAWINGS. WRITTEN DIMENSIONS SHALL SUPERSEDE OVER THE SCALE OF DRAWINGS AND ANY NECESSARY DIMENSIONS NOT INDICATED SHALL BE VERIFIED WITH THE PROJECT DESIGNERS.
5. ALL NOTES SHALL BE CONSIDERED AS TYPICAL (TYP.) UNLESS OTHERWISE NOTED (U.O.N.)
6. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION WHICH CONFORMS WITH ALL APPLICABLE REGULATIONS, CODES, AND LOCAL JURISDICTION OF SUCH.

MASONRY SPECIFICATIONS:

MASONRY HAS BEEN DESIGNED IN ACCORDANCE WITH ACI 530–05, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI530.1–05. GROUT SHALL BE IN ACCORDANCE WITH ASTM C476 WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI PER ASTM C1019, GROUT SHALL HAVE A MAXIMUM COURSE AGGREGATE SIZE OF $\frac{3}{8}$ PLACED AT AN 8' TO 11" SLUMP. MORTAR SHALL CONFORM TO ASTM C270 AND TYPE M OR S. TYPE N MORTAR MAY BE USED IN BRICK VENEER. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL FLASHING.

CONCRET MASONRY UNITS (CMU):

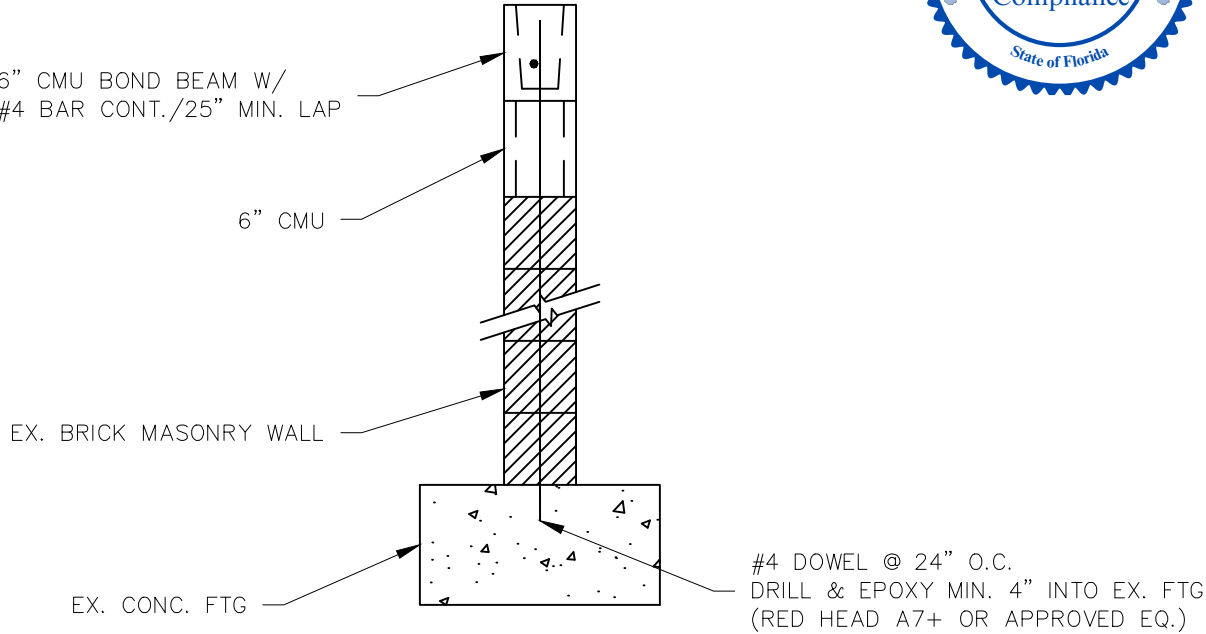
CMU SHALL BE IN ACCORDANCE WITH ASTM C90–75, HOLLOW LOAD–BEARING (CMU), TYPE 1, GRADE N–1, NORMAL WEIGHT, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI ($f'm$ =1500 PSI). GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT IN 5'–0" MAXIMUM LIFTS. PROVIDE CLEANOUTS PER ACI 530.1–02 IN THE BOTTOM OF COURSE OF MASONRY WHEN THE WALL HEIGHT EXCEEDS 5'–0".

MASONRY STEMWALLS:

ALL CONCRETE MASONRY UNITS SHALL BE COMPOSED OF ASTM C90E, E GRADE N–1M HOLLOW CONCRETE MASONRY UNITS WITH TYPE 'S' MORTAR. WALL COURSING SHALL BE RUNNING BONDS, STACK BOND SHALL NOT BE USED. GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT WITH 3000 PSI PEA ROCK CONCRETE GROUT. SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE 48 BAR DIAMETERS. ALL EXTERIOR WALLS SHALL BE REINFORCED FULL HEIGHT WITH – #4 @ 4'–0" O.C. MAX. AND AT EACH CORNER, WALL END, AND WALL INTERSECTIONS. PROVIDE CONTINUITY OF REINFORCING AT INTERSECTIONS OF PERPENDICULAR MASONRY ELEMENTS BY INSTALLING CORNER BARS, MINIMUM OF 40 BAR DIAMETERS INTO EACH ELEMENT. AT STEMWALL CONSTRUCTED OF 5 OR MORE COURSES, PROVIDE HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. VERTICALLY, (EVERY OTHER COURSE), AND VERTICAL REINF. SHALL BE INCREASED AS NOTED IN PLANS, UNLESS NOTED OTHERWISE. LAP JOINT REINFORCING SHALL BE A MINIMUM OF 6".

MATERIAL SPECIFICATIONS

ANCHOR BOLTS & THREADED ROD: SHALL BE IN ACCORDANCE WITH ASTM A307 OR ASTM F 1554 GRADE 36.
WASHERS: SHALL BE IN ACCORDANCE WITH ASTM A500 (GRADE B).
NUTS: SHALL BE IN ACCORDANCE WITH ASTM A 563 GRADE A HEX.
METAL CONNECTORS: ALL METAL CONNECTORS WHICH ARE EXPOSED TO EXTERIOR SHALL BE GALVANIZED.
ANCHORING ADHESIVE: SHALL BE ONE OF THE FOLLOWING PRODUCTS (DUAL CARTRIDGE INSTALLATION ONLY):
ITW RED HEAD A7 OR APPROVED EQUAL
REINFORCING STEEL: SHALL BE ASTM A615, GRADE 60.
STRUCTURAL STEEL: SHALL BE ASTM A992, GRADE 50.
WELDED WIRE FABRIC (WWF): SHALL BE ASTM A185.
LAMINATED VENEER LUMBER (LVL): ALL LAMINATED VENEER LUMBER SHALL MEET OR EXCEED THE FOLLOWING DESIGN PARAMETERS – ELASTIC MODULUS (E)1,900ksi, BENDING STRESS (Fb) 2600psi



FOUNDATION DETAIL
SCALE: NTS

REVISIONS			COVINGTON ENGINEERING SERVICES	PROJEC T:	SAVAGE GARAGE	FOUNDATION DETAILS	
NO.	DESCRIPTION	DATE		CLIENT:	WHIDDON CONSTRUCTION		
				LOCATION:	199 SW THURMAN TERRACE, LAKE CITY	SCALE:	SHEET NO:
				JOB NO:	STR052	NTS	S–1

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