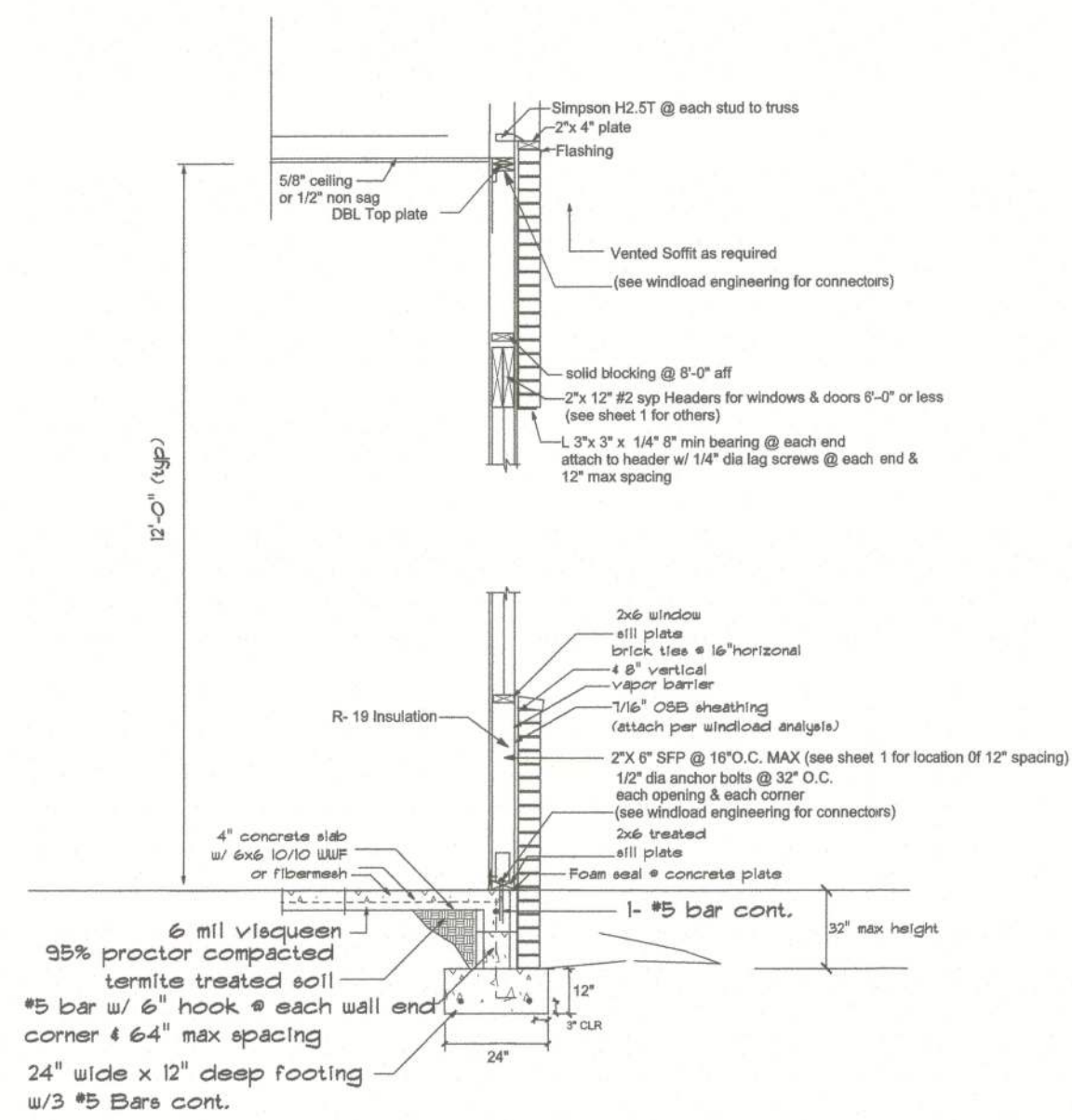
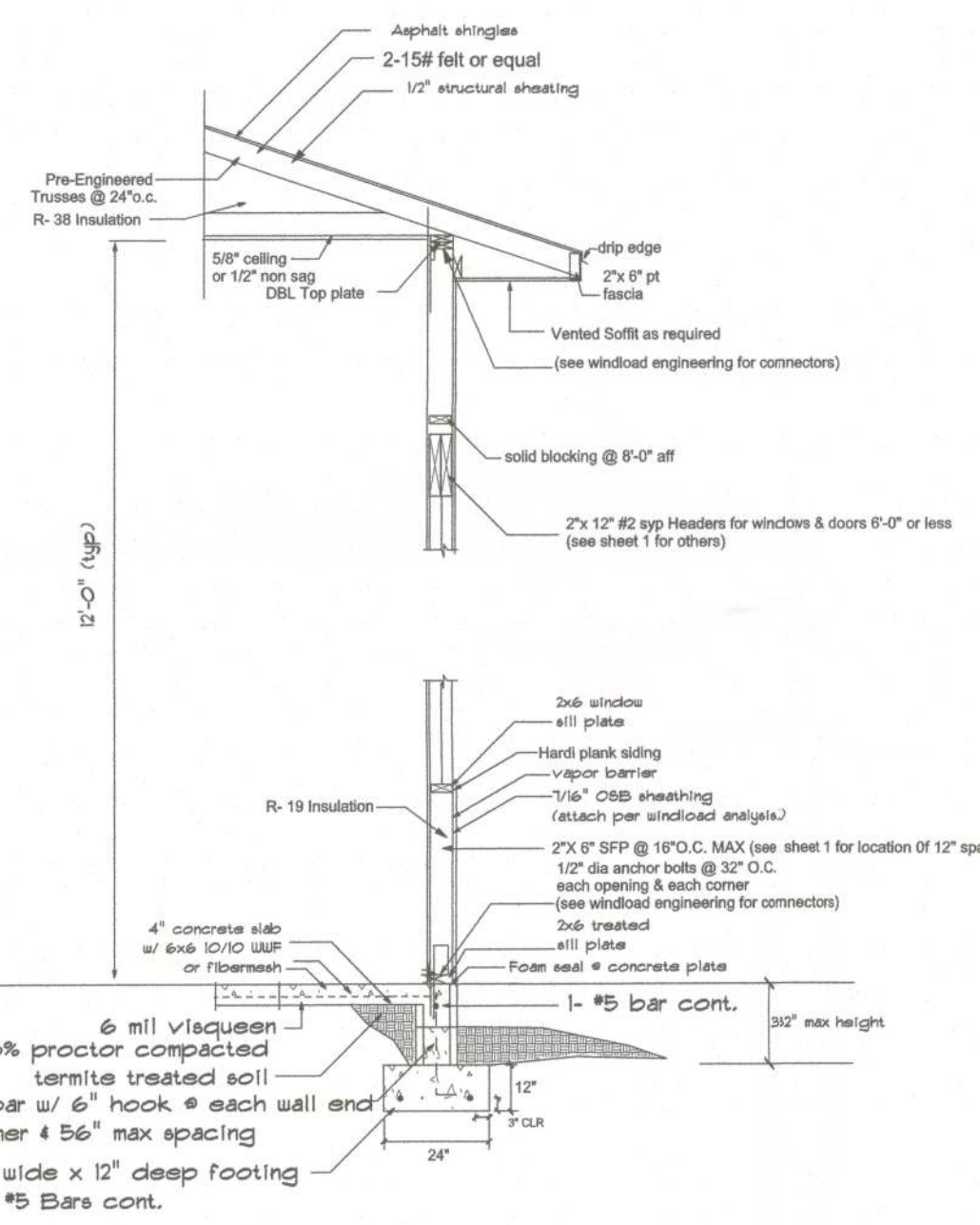
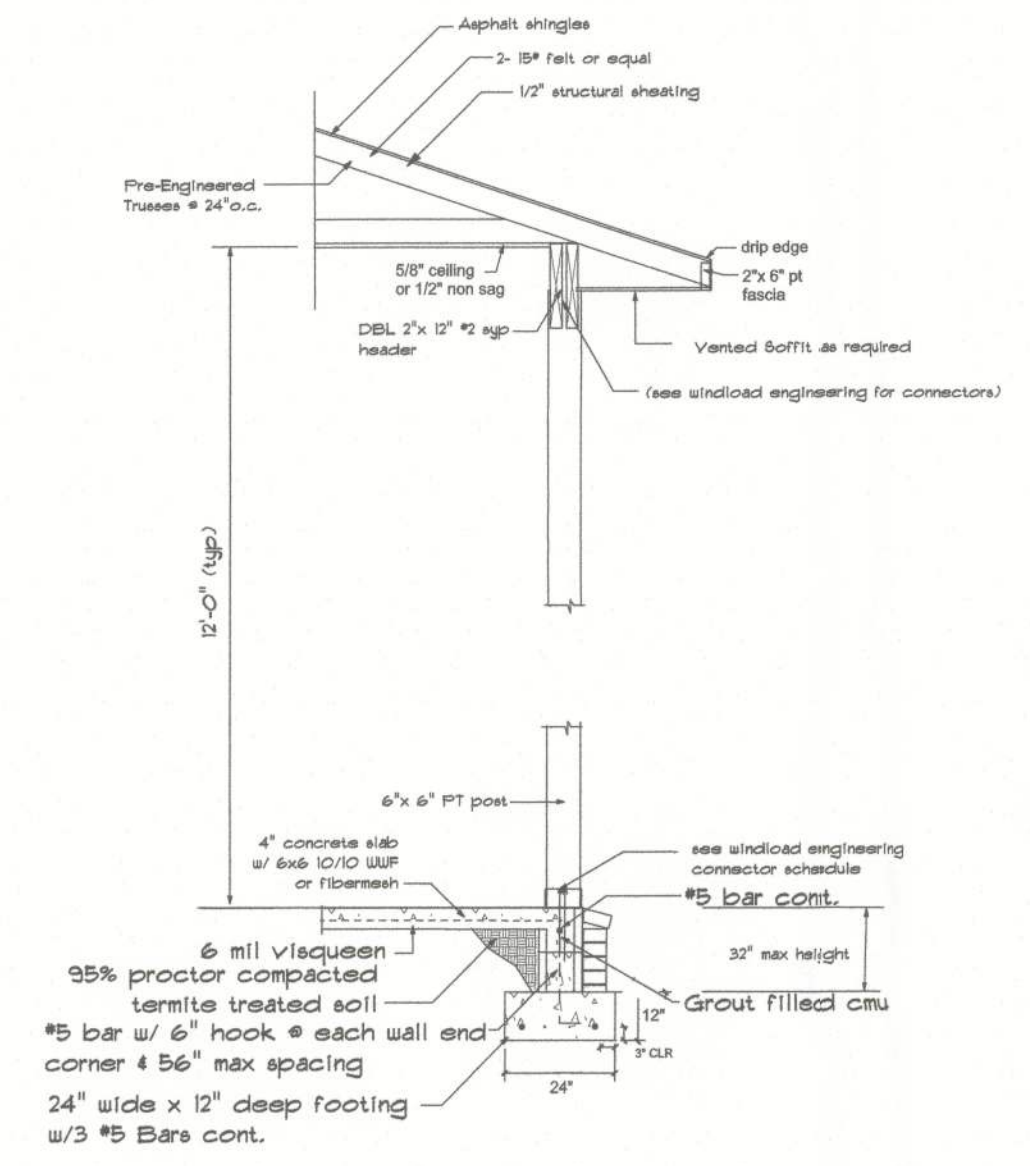




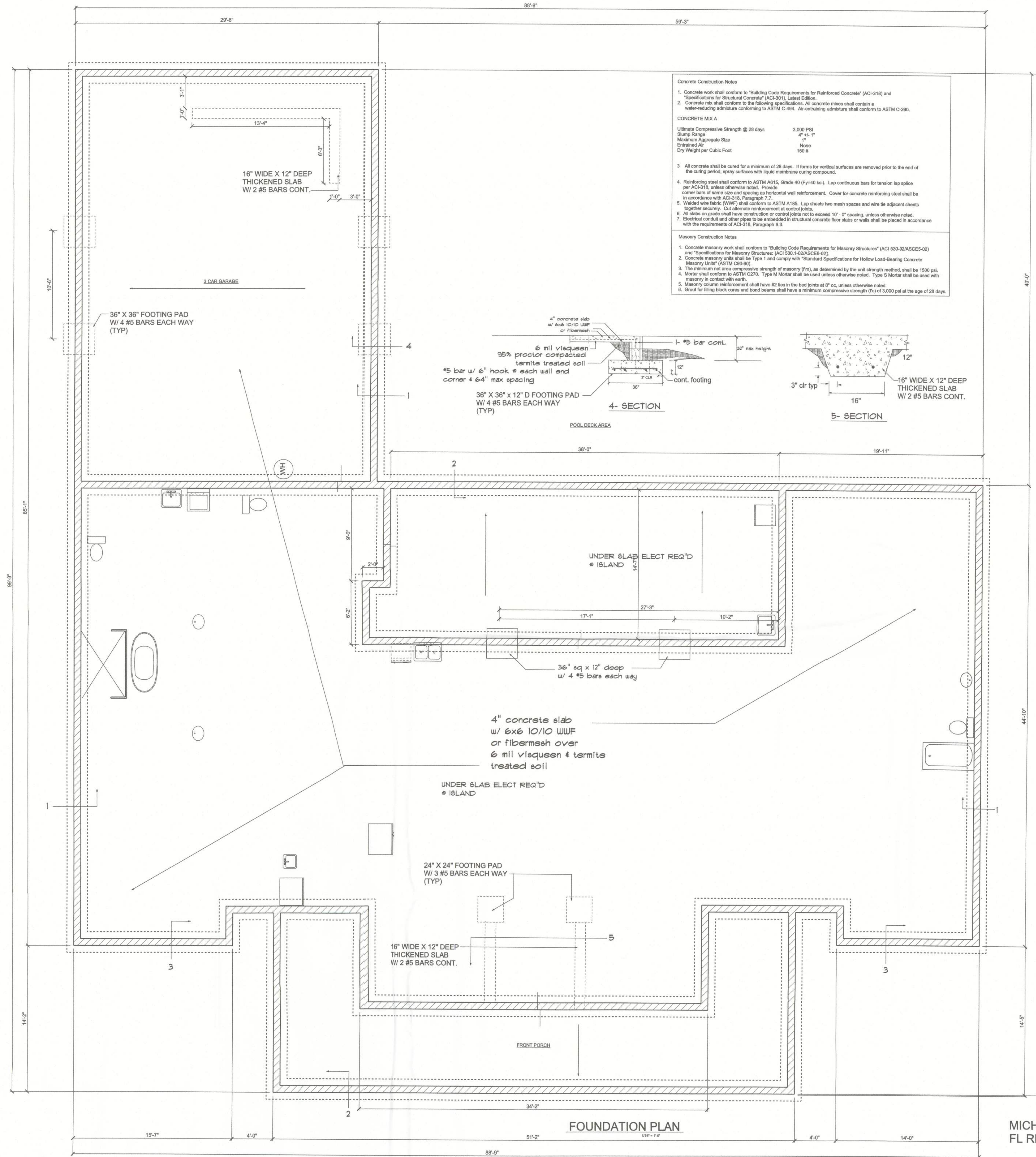
3- SECTION - FRAME WALL
SCALE: NTS



1- SECTION - FRAME WALL
SCALE: NTS



2- SECTION - FRAME WALL
SCALE: NTS



FOUNDATION PLAN

- Concrete Construction Notes**
- Concrete work shall conform to "Building Code Requirements for Reinforced Concrete" (ACI-318) and "Specifications for Structural Concrete" (ACI-301), Latest Edition.
 - Concrete mix shall conform to the following specifications. All concrete mixes shall contain a water-reducing admixture conforming to ASTM C-494. Air-entraining admixture shall conform to ASTM C-266.
- CONCRETE MIX A**
- | | |
|---|-----------|
| Ultimate Compressive Strength @ 28 days | 3,000 PSI |
| Slump Range | 4" ± 1" |
| Maximum Aggregate Size | 1" |
| Entrained Air | None |
| Dry Weight per Cubic Foot | 150 # |
- All concrete shall be cured for a minimum of 28 days. If forms for vertical surfaces are removed prior to the end of the curing period, spray surfaces with liquid membrane curing compound.
 - Reinforcing steel shall conform to ASTM A615, Grade 40 (Fy=40 ksi). Lap continuous bars for tension lap splice corner bars of same size and spacing as horizontal wall reinforcement. Cover for concrete reinforcing steel shall be in accordance with ACI-318, Paragraph 7.7.
 - Welded wire fabric (WWF) shall conform to ASTM A185. Lap sheets two mesh spaces and wire tie adjacent sheets together securely. Cut alternate reinforcement at control joints.
 - All slabs on grade shall have construction or control joints not to exceed 10' - 0" spacing, unless otherwise noted.
 - Electrical conduit and other pipes to be embedded in structural concrete floor slabs or walls shall be placed in accordance with the requirements of ACI-318, Paragraph 6.3.
- Masonry Construction Notes**
- Concrete masonry work shall conform to "Building Code Requirements for Masonry Structures" (ACI 530-02/ASCE-02) and "Specifications for Masonry Structures" (ACI 530.1-02/ASCE-02).
 - Concrete masonry units shall be Type 1 and comply with Standard Specifications for Hollow Load-Bearing Concrete Masonry Units (ASTM C90-05).
 - The minimum net area compressive strength of masonry (Fm) as determined by the unit strength method, shall be 1500 psi.
 - Mortar shall conform to ASTM C270, Type M Mortar shall be used unless otherwise noted. Type S Mortar shall be used with masonry in contact with earth.
 - Masonry column reinforcement shall have #2 ties in the bed joints at 6" oc, unless otherwise noted.
 - Grout for filling block cores and bond beams shall have a minimum compressive strength (F'c) of 3,000 psi at the age of 28 days.

DRAFTED BY: WILLIAM JOHNSON
29 NW 123rd ST
GAINESVILLE, FL 352-494-2041

DRISCOLL ENGINEERING, INC.
CONSULTING ENGINEERS
PO BOX 357577
GAINESVILLE, FL 32606
CA 8690
PH (352) 331-1513
FX (352) 505-3366

STEEDLEY
22854 S HWY 441
HIGH SPRINGS, FL DS22-134

DATE: 6-2-24



MICHAEL E DRISCOLL P.E.
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