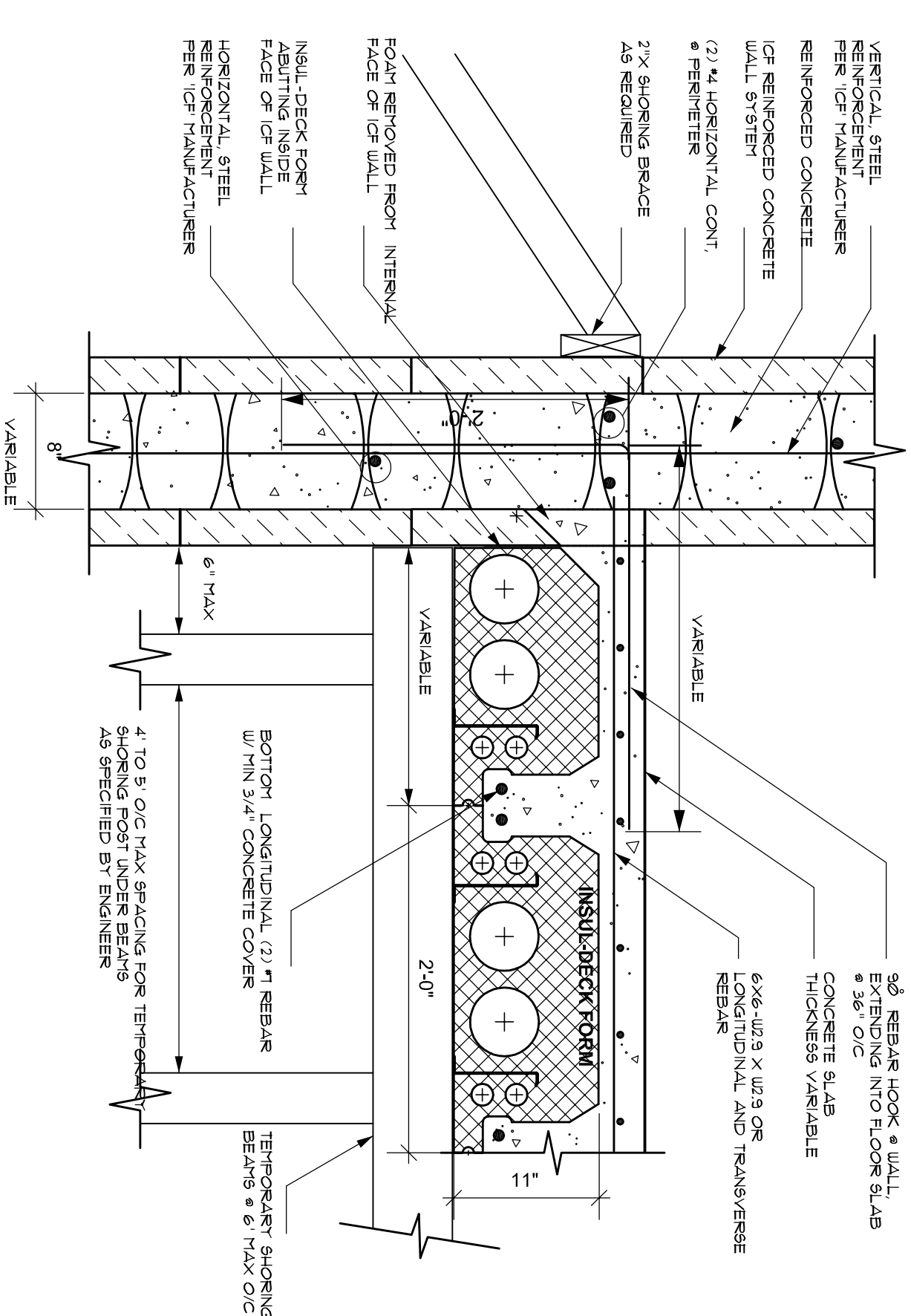
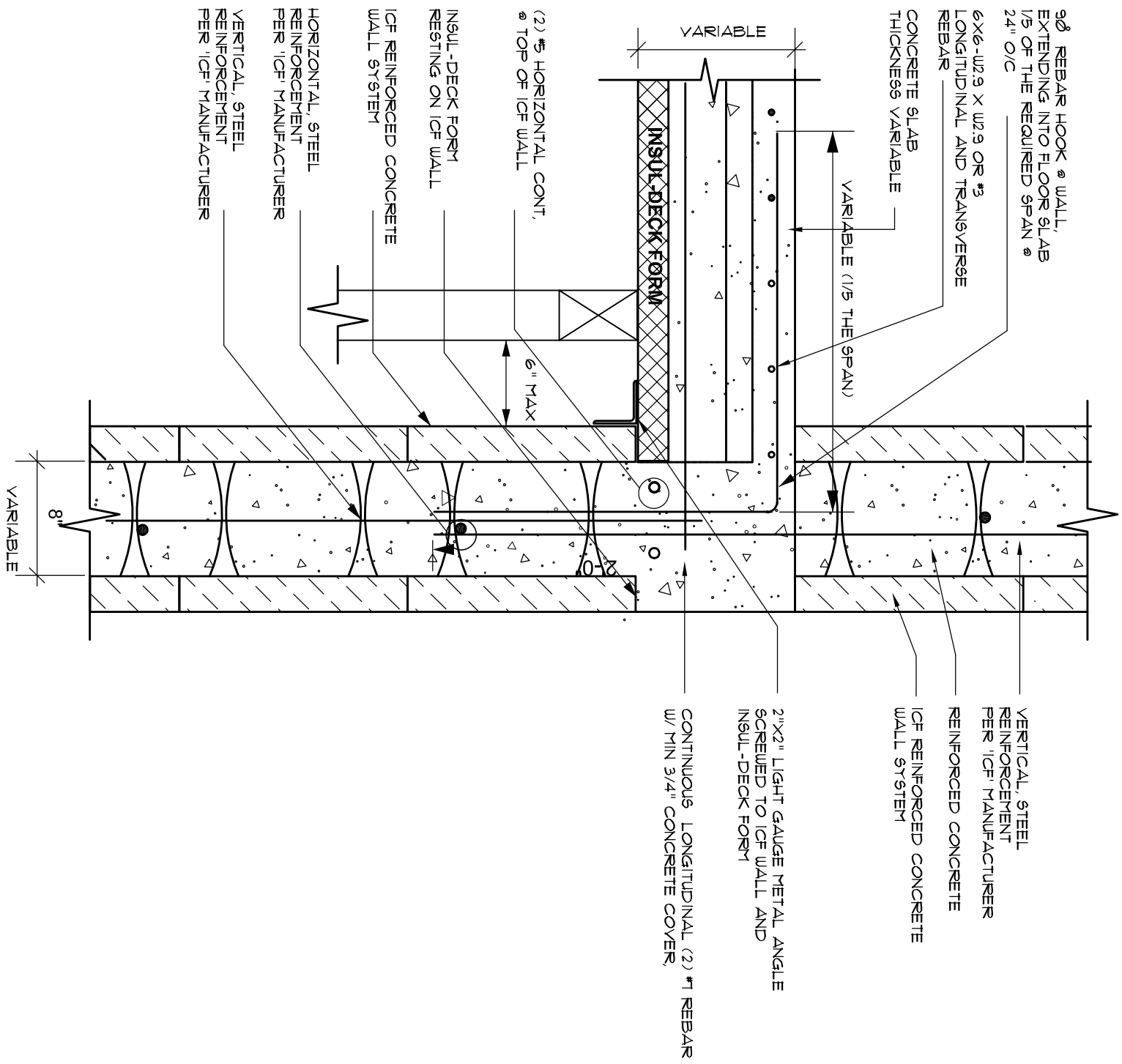


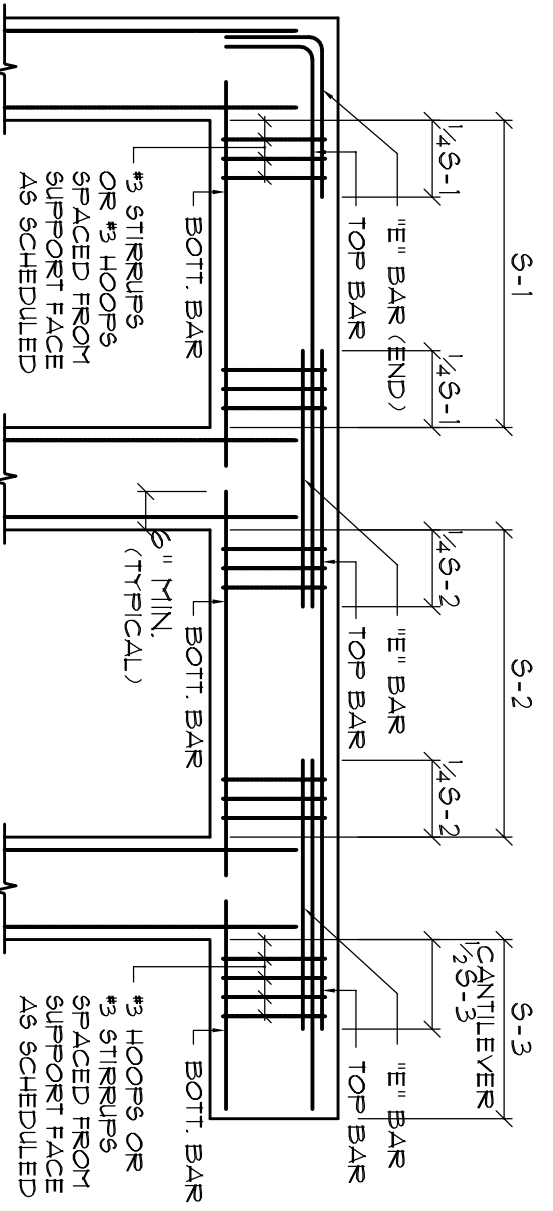
**LONGITUDINAL SECTION @ INTERNAL CMU WALL TO FLOOR DECK**  
SCALE: NONE  
**A**  
(INSUL-DECK FORM RESTING ON CMU WALL)



**TRANSVERSE SECTION @ ICF WALL TO FLOOR DECK**  
SCALE: NONE  
**B**  
(INSUL-DECK FORM ABUTTING ICF WALL)



**SECTION @ INTERNAL ICF WALL TO FLOOR DECK CONNECTION**  
SCALE: NONE  
**C**

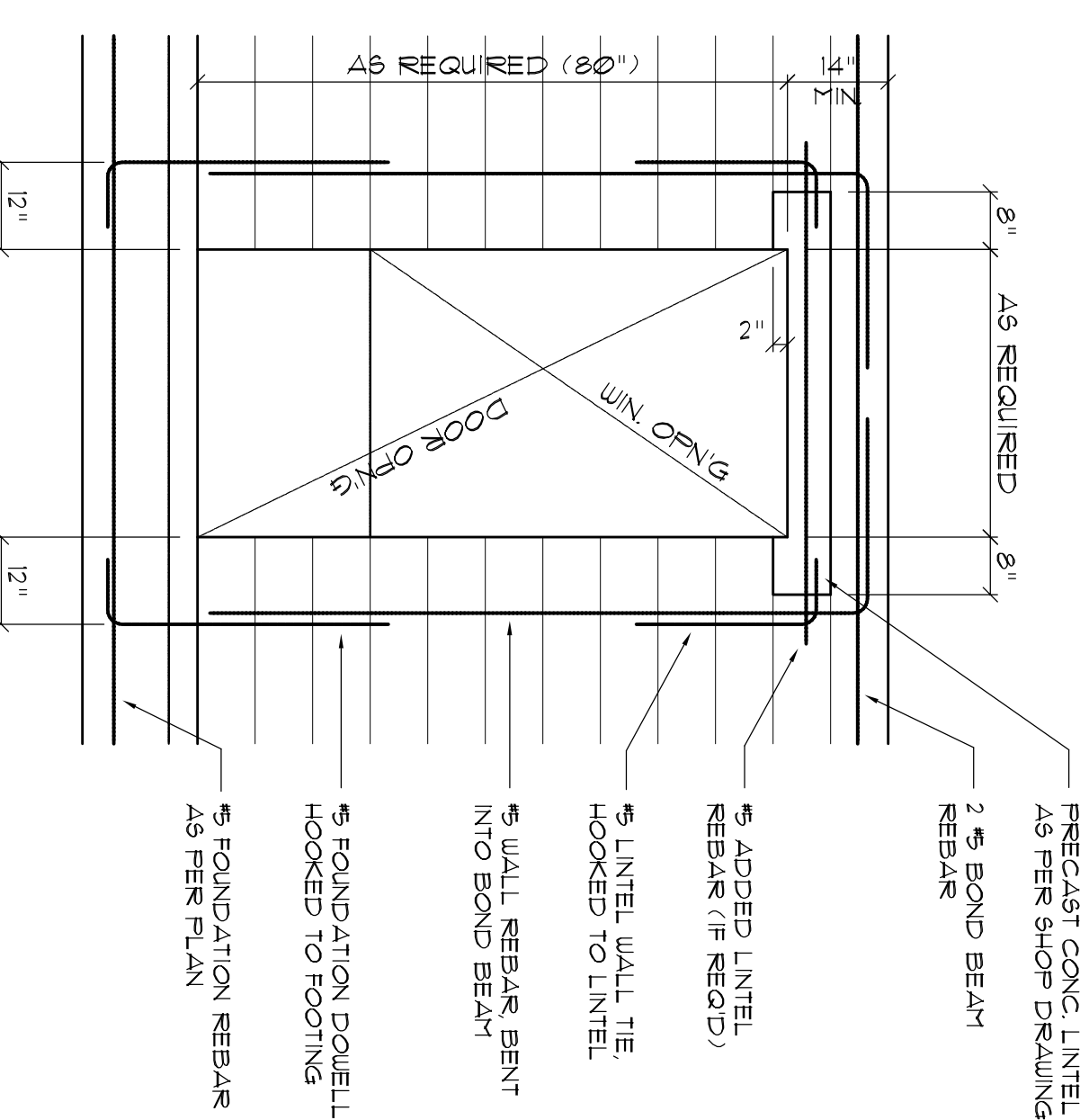


**BOTTOM BARS - TOP BARS - #5 BARS BENDING DIAGRAM: CAST-IN-PLACE CONCRETE BEAMS AND SLABS**  
SCALE: NONE  
**D**

**GENERAL BEAM SCHEDULE NOTE:**

1. SCHEDULED HOOPS OR STRIPPERS SHALL BE PLACED AT EACH END OF BEAM AND SHALL BE THE TYPICAL CBSI BAR BENDS UNLESS NOTED OTHERWISE.
2. BUNDLE ALL STRUCTURAL BEAM TOP BARS IN PAIRS OVER SUPPORTS WITH TOP BARS FROM ADJACENT BEAMS.
3. ALL CONCRETE BEAMS OTHER THAN THOSE WITH THE PREFIX 'TS' SHALL BE FORMED PRIOR TO PLACING OF BLOCK BELOW.
4. ALL THE BEAM REINFORCING SHALL BE CONTINUOUS THROUGH THE BEAMS ONLY. ALL SPLICES SHALL BE A MINIMUM OF 30 BAR DIAMETERS.
5. ALL THE BEAM TOP REINFORCING SHALL EXTEND INTO SPAN OF ANY ADJACENT STRUCTURAL BEAM AS PER BENDING DIAGRAM.
6. DEEP BOTTOM OF THE BEAM AS REQUIRED AT WINDOW AND DOOR HEADS (20" MAXIMUM) AND 20" 2" SECTION FROM ENDS OF 8".
7. THE BEAM SCHEDULED DEPTHS ARE MINIMUM AND MAY BE INCREASED (8" MAXIMUM) TO FIT BLOCK WORK.
8. ALL ADDED LONGITUDINAL BEAM REINFORCING SHALL EXTEND A MINIMUM OF 6" INTO SUPPORT UNLESS NOTED OTHERWISE.
9. MARK 'C' IN REINFORCING COLUMN BETWEEN TWO BEAMS INDICATES THAT REINFORCING SHALL BE CONTINUOUS THROUGH THESE TWO BEAMS.

**NOTE:**  
ALL BLOCK CELLS CONTAINING VERTICAL REINFORCING SHALL BE SOLIDLY FILLED WITH CONCRETE - SEE GENERAL NOTES



**Typical Door/Window Opening Reinforcing Detail**  
SCALE: 1/2" = 1'-0"  
**E**

**NOTE:**  
REFER TO GENERAL NOTES FOR LAP SPLICE AND HOOK MINIMUM LENGTH/6D SIZE - ALL PER ACI 308.1LATEST

**CONSTRUCTION NOTES**

1. FIELD VENTILATION, EXHAUSTS AND VENTILATORS - ALL OUTSIDE DIMENSIONS ARE TO FACE OF FOUNDATION.
2. ALL MASONRY CONSTRUCTION MATERIALS SHALL BE AS PER 2007 SPEC - SEE A-6.
3. REMOVE EXTERIOR CONSTRUCTION AIR TO GAS FIRED HVAC EQUIPMENT, WOOD BURNING STOVES AND FIREPLACES.
4. VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR AS REQUIRED.
5. CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
6. ROOF & FLOOR TRUSS BRACING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL FURNISH A DETAILED LAYOUT FOR TRUSS AND BRACING MATERIALS AND/OR SPECIFICATIONS AND THE CONDITIONS DRAWINGS AND/OR SPECIFICATIONS SHALL BE PRESENT FROM THE DESIGNER BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
7. LP GAS-BURNING APPLIANCES ARE NOT PERMITTED IN BASEMENTS OR CRAWL SPACES.
8. DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS ONLY.

**CONCRETE / MASONRY / METALS GENERAL NOTES:**

1. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
2. EXPANSIVE SOILS, WHERE DIRECTED BY THE SOILS ENGINEER, SOIL ADJUSTMENT PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL COMPACTED TO 95% OF THE RELATIVE COMPACTION TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA OR FRACTION THEREOF FOR EACH 12" LIFT.
4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615. ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A95 - MIN. YIELD STRENGTH = 65 KSI.
6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTG5, SLAB5, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE. MINIMUM MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MED.UT SURFACE FINISH - Fm = 1500 PSI.
8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

Plastbau@Technology  
**INSUL-DECK**<sup>TM</sup>  
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insuldeck@zoomtown.com • www.insul-deck.org

Digitally signed by: N. P. GEISLER  
DN: CN = N. P. GEISLER C = US  
O = AR0007005 OU = ARCHITECT  
Date: 2023.09.20 12:08:54 -05'00'

AR0007005  
5 of 9  
DATE: 10 MAR 2023  
CMM: 2K2301  
SHEET: 5.5

1728 NW BIRCHWOODS  
366 SW 43RD AVE  
366-369-4355  
DATE: 10 MAR 2023  
CMM: 2K2301  
SHEET: 5.5

**N3**  
NICHOLAS  
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ARCHITECTURAL DESIGN  
1972 - 2023  
N.P. Geisler, Architect  
ARCHITECT

Celebrating  
51 Years of Service  
1972 - 2023  
N.P. Geisler, Architect  
ARCHITECT

NEW CUSTOM RESIDENTIAL DESIGN for:  
**JOHN and DEBBIE STALLINGS**  
860 EVERGREEN DRIVE - LAKE CITY, FLORIDA  
**ICF FLOOR DETAILS**  
DRAWN: [Signature]  
CHECKED: [Signature]  
DATE: 09/20/2023