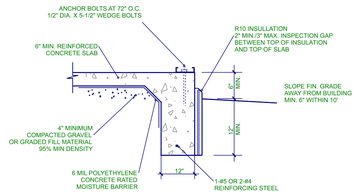
GENERAL NOTES

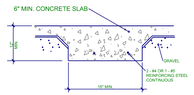
1. PLANS ARE ISSUED FOR THE CONDITIONAL USE TO BUILD THE STRUCTURE ON THE LOT OR ADDRESS SPECIFIED IN THE TITLE BLOCK. PLANS MUST HAVE SIGNED SEAL AND BE CONSTRUCTED ON THE SPECIFIED LOT OR ADDRESS TO BE VALID.
2. ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT INCLUDING ROOF GEOMETRY. MDL ENGINEERING SERVICES ASSUMES NO LIABILITY FOR CHANGES MADE TO THESE PLANS BY OTHERS, OR FOR CONSTRUCTION METHODS, OR FOR ANY DEVIATION FROM THE PLANS. ENGINEER OF RECORD TO BE NOTIFIED PRIOR TO CONSTRUCTION IF ANY DISCREPANCIES ARE NOTED ON THE PLANS.
3. ALL CONSTRTUCTION WORKMANSHIP, MATERIAL QUALITY AND SELECTION SHALL BE IN ACCORDANCE WITH THE 2018 EDITION OF THE NORTH CAROLINA STATE BUILDING CODE. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE AND CODE SHALL TAKE PRECEDENCE OVER DIMENSIONS.
4. SEALED ENGINEERING DRAWINGS TAKE PRECEDENCE OVER STANDARD DETAILS AND NOTES.
5. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS AND SAFETY ON-SITE. NOTIFY MDL ENGINEERING IMMEDIATELY IF DISCREPANCIES ON PLANS ARE DISCOVERED.

MATERIALS

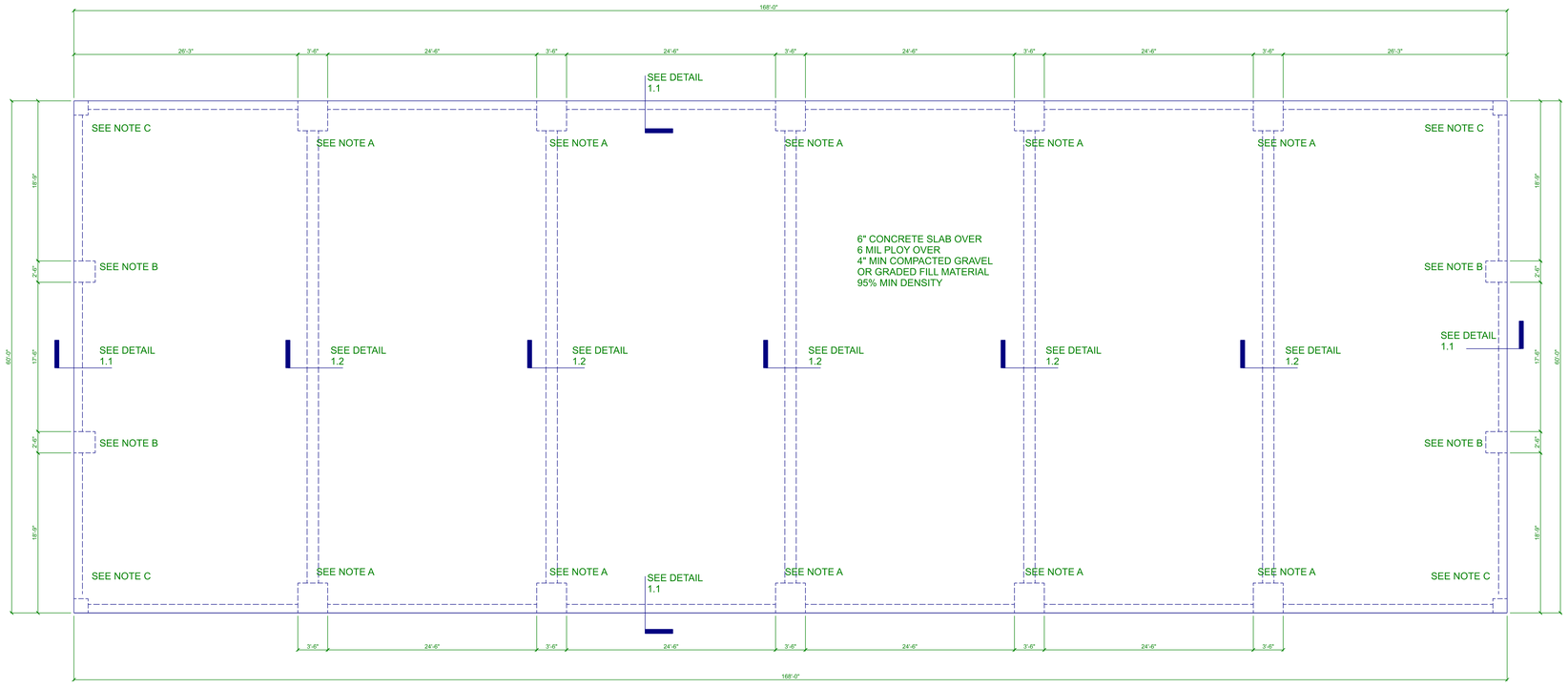
1. REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615 GRADE 60.
2. POURED CONCRETE TO BE MINIMUM 3000 PSI @ 28 DAYS. MATERIALS USED TO PRODUCE CONCRETE SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN ACI 318 OR ASTM C 1157.
3. CONCRETE SUBJECT TO MODERATE OR SEVERE WEATHERING AS INDICATED IN TABLE R301.2(1) SHALL BE AIR ENTRAINED AS SPECIFIED IN TABLE R402.2



MONOLITHIC SLAB
DETAIL 1.1
N.T.S.



INTEGRAL SLAB FOOTING
DETAIL 1.2
N.T.S.



FOUNDATION PLAN
SCALE: 1/8" = 1'

NOTES:

A 42"X42"X24" DEEP FTG
4-#4 REBAR BOTH WAYS

B 30"X30"X18" DEEP FTG
3-#4 REBAR BOTH WAYS

C 16"X16"X10" DEEP FTG

NORTH CAROLINA PROFESSIONAL SEAL 043832 12-18-2025 ENGINEER MICHAEL A. LAGALY

THESE PLANS, NOTES AND DETAILS ARE DESIGNED TO MEET THE 2018 NORTH CAROLINA BUILDING CODE. THIS DETAIL SHEET IS TO BE USED ONLY IN CONJUNCTION WITH PLANS CREATED BY OLYMPIA STEEL BUILDINGS.

MDL
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STEEL FRAME BUILDING
FOUNDATION PLAN
185 Progress Road
Fuqua Varina, NC 27526

DRAWN BY: ML
DATE: Dec 18, 2025
FILE: SD11576
REV: A

SCALE: 1/8 INCH = 1 FOOT

SHEET
S1