

NOTE: THIS FOUNDATION DESIGN MEETS ALL REQUIREMENTS FOR WIND LOAD'S PER PROJECT IS 130 MPH PER 2017 PER R301.2.1.1 BASIC WIND SPEED, EXPOSURE B, 1.0 USE FACTOR. COLUMN PAD LOCATIONS ARE TYPICAL, EXACT ANCHOR BOLT LOCATIONS AND SIZES ARE PER METAL BUILDING SEALED ENGINEERING ANCHOR BOLT PLAN. CONTRACTOR SHALL FURNISH ARCHITECT SEALED METAL BUILDING PLANS FOR FOUNDATION SIZING AND VERIFICATION PRIOR TO SUBMITTING TO PERMIT OFFICE.

- ANCHOR BOLTS AND REINFORCEMENT - SEE ANCHOR BOLT NOTES AT EACH COLUMN LINE. TIE ANCHOR BOLTS TO BOTTOM REINFORCING STEEL.

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI DETAILING MANUAL, SP-66, AND ACI318. REINFORCING SHALL NOT BE HEATED OR WELDED. REINFORCING SHALL BE APPROVED BY ENGINEER OR HIS REPRESENTATIVE BEFORE CONCRETE IS PLACED. PROVIDE 4" COVER FOR EXPOSED FOOTING SURFACES, 2" COVER FOR FORMED EXPOSED SURFACES, 3/4" COVER FOR NOT EXPOSED SURFACES. LAP SPLICES SHALL BE 40 BAR DIAMETERS.

- CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE F'C = 3,000 PSI. WHERE EXCESS WATER IS ADDED TO THE CONCRETE SO THAT ITS SERVICABILITY IS DEGRADED, THE ATTAINMENT OF REQUIRED STRENGTH SHALL NOT RELEASE THE CONTRACTOR FROM PROVIDING SUCH MODIFICATIONS AS MAY BE REQUIRED BY THE ENGINEER TO PROVIDE A SERVICEABLE MEMBER OR SURFACE. ALL CONCRETE SHALL BE VIBRATED. NO REPAIR OR RUBBING OF CONCRETE SURFACES SHALL BE MADE PRIOR TO INSPECTION BY AND APPROVAL OF THE ENGINEER, OWNER OR HIS REPRESENTATIVE.

- CONTROL JOINTS - SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5. DO NOT CUT WWM OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

- FOUNDATION - THE OWNER HAS NOT YET PROVIDED A GEOTECHNICAL REPORT TO THE ENGINEER. ASSUMED SAFE BEARING CAPACITY OF 2000 PSF SHALL BE CONFIRMED IN THE FIELD BY A REGISTERED GEOTECHNICAL ENGINEER OR SHALL BE APPROVED BY THE OWNER. FOOTINGS AND SLABS ARE TO BEAR ON FIRM UNDISTURBED EARTH OR APPROVED CONTROLLED FILL. WHERE UNACCEPTABLE MATERIAL OCCURS, EXCAVATE AND REPLACE WITH ENGINEERED FILL.

- UNLESS OTHERWISE SPECIFIED ALL MATERIALS AND CONSTRUCTION ARE TO MEET LOCAL BUILDING CODES.

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INTERIOR BEARING WALLS:

IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY
TO VERIFY WITH THE TRUSS ENGINEERING ANY AND
ALL INTERIOR BEARING WALL LOCATIONS AND FURNISH
THE ENGINEER OR ARCHITECT OF RECORD CEILING RAFTER/
TRUSS INFO SO THICKENED FOOTING'S CAN BE SIZED AND
LOCATED ON THE FOUNDATION PLAN.

PLUMBING - ALL WORK SHALL COMPLY WITH THE STANDARD PLUMBING CODE. PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWING INDICATING ALL PLUMBING WORK INCLUDING RISER DIAGRAM, BACK FLOW PROTECTION, PIPE LOCATIONS. WATER SUPPLY TO THE FACILITY IS TO BE CONNECTED THROUGH A REDUCED PRESSURE ZONE BACKFLOW PREVENTER ACCEPTABLE TO THE BUILDING OFFICIAL AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.

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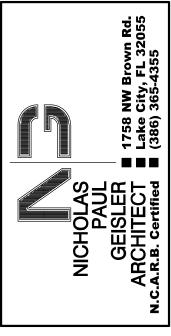
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Digitally signed by: N. P. GEISLER
DN: CN = N. P. GEISLER C = US
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FOOTING SCHEDULE

48" X 48" X 24" DEEP CONCRETE PIER FOOTING
REINF'D W/ (6) #5 REBAR EACH WAY TOP AND BOTTOM.
TOP OF FOOTING SHALL BE 4" MIN. BELOW GRADE LEVEL.

B 32" X 32" X 16" DEEP CONCRETE PIER FOOTING REINF'D W/ (4) #5 REBAR EACH WAY TOP AND BOTTOM. TOP OF FOOTING SHALL BE 4" MIN. BELOW GRADE LEVEL.



JOINT VENTURED WITH

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October 13, 2020

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