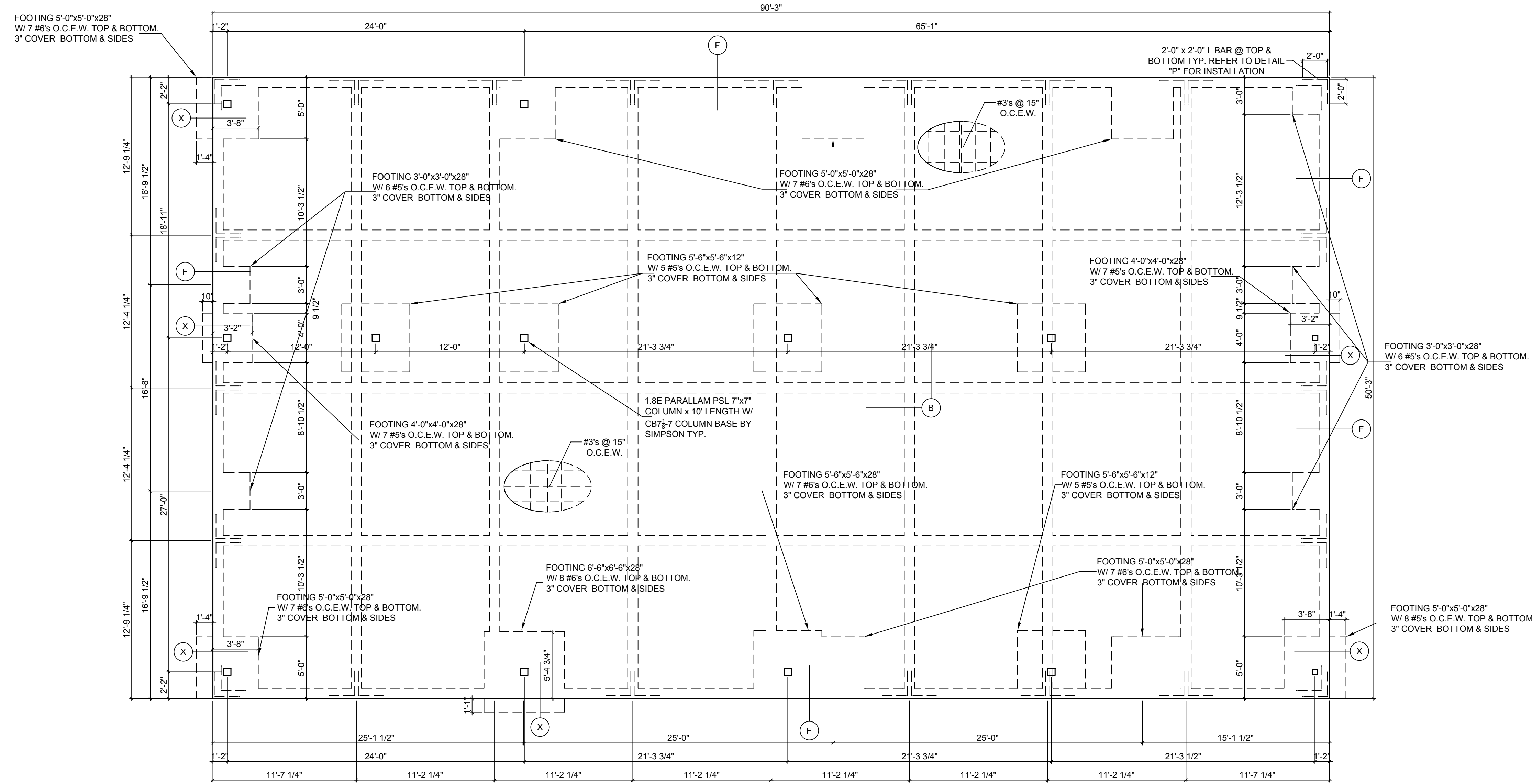
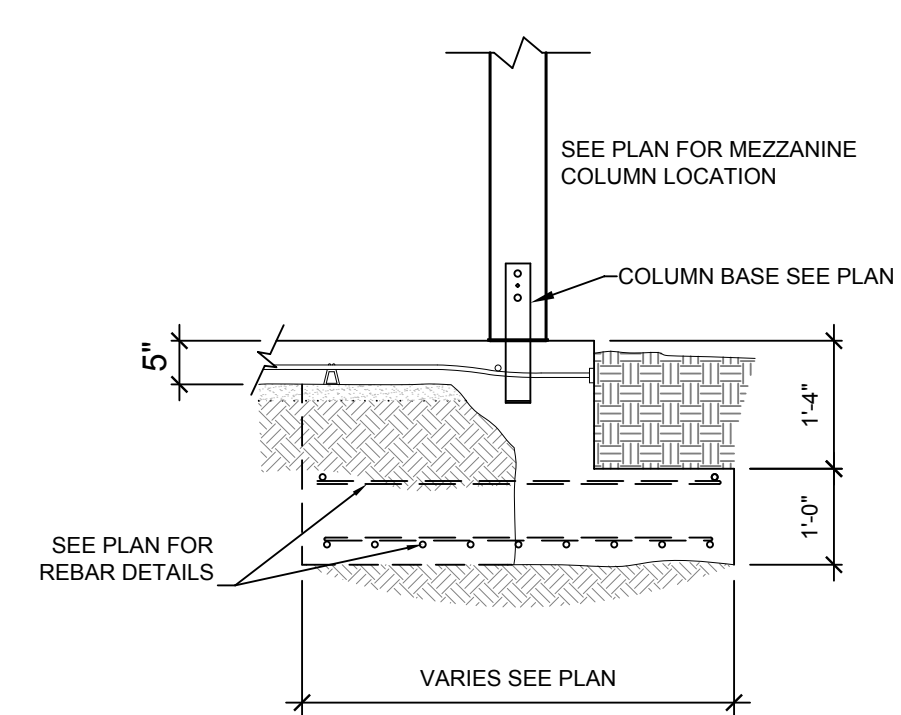


SPECIAL FOUNDATION NOTES

- THIS DRAWING IS PRIMARILY FOR BEAM AND CABLE PLACEMENT. THE CONTRACTOR IS REQUIRED TO COORDINATE THIS FOUNDATION PLAN WITH THE ARCHITECTURAL DRAWING FOR OFFSETS, DROPS, OPENINGS AND INSERTED ITEMS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS BEFORE CONSTRUCTION OF SLAB. ANCHOR LOCATIONS MAY BE ADJUSTED TO NO MORE THAN 6" TO PROVIDE PROPER CLEARANCE FROM PIPES. NORTEX CANNOT BE HELD LIABLE FOR ANY CONTRACTOR OVERSIGHT IN THIS REGARD.
- REFER TO SOILS REPORT FOR: SITE PREPARATION AND FILL PLACEMENT.
- PROVIDE PARTIAL STRESSING ON ALL TENDONS WHEN FOUNDATION AREA IS OVER 3500 SQ.FT. WITHIN 48 HOURS OF CONCRETE PLACEMENT. PARTIALLY STRESS ALL TENDONS TO 30% OF REQUIRED STRESSING FORCE.
- BASE PLATES: A.K. INSTALL 4-3/4" DIA. X 1'-0" ASTM F-1554 GRADE 36 ANCHOR BOLTS PRIOR TO PLACEMENT OF CONCRETE. REFER TO METAL BUILDING DRAWINGS FOR BASE PLATES AND ANCHOR BOLT PLACEMENT DIAGRAMS. (TYPICAL) SET ANCHORS WITH THE TEMPLATE.
- BASE PLATES: L.M. INSTALL 2-5/8" DIA. X 10" ASTM F-1554 GRADE 36 ANCHOR BOLTS PRIOR TO PLACEMENT OF CONCRETE. REFER TO METAL BUILDING DRAWINGS FOR BASE PLATES AND ANCHOR BOLT PLACEMENT DIAGRAMS. (TYPICAL) SET ANCHORS WITH THE TEMPLATE.

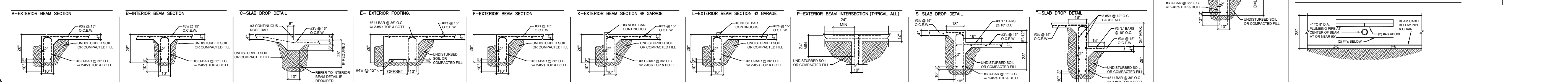


FOUNDATION PLAN WOOD MEZZANINE OPTION



X FOOTING DETAIL

PROVIDE PARTIAL STRESSING ON ALL TENDONS WHEN FOUNDATION AREA IS OVER 3500 SQ.FT. WITHIN 48 HOURS OF CONCRETE PLACEMENT. PARTIALLY STRESS ALL TENDONS TO 30% OF REQUIRED STRESSING FORCE.



DESIGN

- THIS CONVENTIONAL STEEL REINFORCING FOUNDATION HAS BEEN DESIGNED USING ACCEPTABLE ENGINEERING PRACTICE AND IN ACCORDANCE WITH THE REQUIREMENTS AS SET FORTH BY THE GOVERNING INTERNATIONAL RESIDENTIAL CODE AND THE LATEST AMERICAN CONCRETE INSTITUTE AC308.
- DESIGNED BEAM SIZES, BEAM SPACING, STEEL QUALITIES AND SPACING INFORMATION LISTED IN THE ABOVE REFERENCED PUBLICATION. THE INTENT IS NOT TO ELIMINATE SOIL MOVEMENT, BUT TO LIMIT FOUNDATION FLEXURE DURING INEVITABLE DIFFERENTIAL MOVEMENT.
- THE DESIGN DOES NOT ALLOW FOR IMPROPER DRAINAGE. TREES LOCATED CLOSER THAN THEIR MATURE HEIGHT TO THE FOUNDATION, IMPROPER MAINTENANCE OR EROSION AND NEGLECT BY THE PERFORMER CONTRACTOR TO FOLLOW THIS DESIGN. (IMPROPER MAINTENANCE IS DEFINED BY LACK OF UNIFORM SYSTEMATIC WATERING ON ALL SIDES OF THE FOUNDATION. SEE CONSTRUCTION #4 AND REFER TO MAINTENANCE NOTES AS SUPPLIED WITH INVOICE).

MATERIALS

- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.
- ALL CONVENTIONAL REINFORCING SHALL BE NEW BULLET STEEL CONFORMING TO ASTM A618 GRADE 60. REINFORCEMENT SHALL BE OF RUST AND DELIQUESCENCE RESISTANT MATERIALS.
- ADMITTANCES SHOULD NOT CONTAIN ANY CHEMICALS IN QUANTITY THAT MAY HAVE A HARMFUL EFFECT ON THE STEEL OR CEMENT. CHLORIDES, SULFATES AND NITRATES SHOULD NOT BE USED.

CONSTRUCTION

- ALL BEAMS SHOULD BE EXCAVATED AS FOLLOWS UNLESS SPECIFIED OTHERWISE BY THE GEOTECHNICAL ENGINEER.
 - ALL BEAMS MUST EXTEND 12" INTO UNDISTURBED (VIRGIN) SOIL. BEAM DEPTHS MAY BE SLOPED OR INCREASED AS MUCH AS 24" WITHOUT ADDITIONAL REINFORCING. WHEN BEAM DEPTH EXCEEDS 34", CONTACT DESIGN ENGINEER FOR ADDITIONAL REINFORCING REQUIREMENTS.
 - ALL FILL UNDER SLAB MUST BE COMPACTED TO 95% OF STANDARD PROCTOR DENSITY ASTM D998 AND CONFORM TO F14 SHEET 790. ALL FILL SOIL UNDER SLAB SHALL BE PLACED IN STRICT ACCORDANCE WITH THE SOIL ENGINEER'S SPECIFICATIONS. THE SOIL ENGINEER SHALL CERTIFY THE FILL SOIL.
- PARTIAL PIERING OF FOUNDATION IS PROHIBITED. PIERS MAY BE USED ONLY IF THEY ARE SPECIFICALLY SHOWN IN THE DESIGN. REFER TO PIER SCHEDULE FOR DIAMETER, DEPTH, AND REINFORCING REQUIREMENTS. PIERS MAY BE TERMINATED WHEN SOLID ROCK (JUGGER REFUSAL) IS ENCOUNTERED. PIER TOPS SHOULD BE CLEAN AND BEAR DIRECTLY ON THE BEAM.
- FINAL GRADING SHALL BE DONE USING SAND OR A NON-CAPILLARY MATERIAL. WATERPROOFING IS REQUIRED IN ACCORDANCE WITH INTERNATIONAL RESIDENTIAL BUILDING CODE SECTION 406 FOR RESIDENTIAL STRUCTURES OR INTERNATIONAL BUILDING CODE SECTION 1905 FOR COMMERCIAL STRUCTURES UNLESS REQUIREMENTS OF LOCAL AMENDMENTS ARE MORE STRINGENT.
- SITE GRADING AND DRAINAGE AROUND THE FOUNDATION SHALL BE MAINTAINED AT ALL TIMES IN SUCH A MANNER THAT SURFACE OR GROUND WATER WILL NOT COLLECT OR ADJACENT TO THE SLAB. CONTRACTOR IS RESPONSIBLE TO ADVISE OWNER AND OCCUPANT OF PROPER FOUNDATION MAINTENANCE. MOISTURE CONTENT SHOULD BE KEPT CONSISTENT ANNUALLY WITH CONSIDERATION TO SEASONAL CHANGES FROM SLAB. IT IS IMPERATIVE TO PRESERVE THE PERFORMANCE OF THE FOUNDATION. REFER TO MAINTENANCE SCHEDULE SUPPLIED WITH INVOICE.
- TRENCHES FOR DEEP PLUMBING LINES SHOULD NOT BE LOCATED DIRECTLY UNDER BEAMS. TAMPING OF BACKFILL AT PLUMBING LINES IS REQUIRED PRIOR TO FINAL GRADING.
- FINAL GRADING SHALL BE DONE USING SAND OR A NON-CAPILLARY MATERIAL. WATERPROOFING IS REQUIRED IN ACCORDANCE WITH INTERNATIONAL RESIDENTIAL BUILDING CODE SECTION 406 FOR RESIDENTIAL STRUCTURES OR INTERNATIONAL BUILDING CODE SECTION 1905 FOR COMMERCIAL STRUCTURES UNLESS REQUIREMENTS OF LOCAL AMENDMENTS ARE MORE STRINGENT.
- PROVIDE MINIMUM 5 MIL POLYETHYLENE POLY SHALL NOT BRIDGE OVER THE BOTTOM OF THE BEAMS AND SHALL BE LAID FLAT ON THE SIDES OF THE TRENCHES AND SUPPORTED BY THE PADS TO AVOID AIR POCKETS AND PREVENT INSULATION OF GROUNDING ELECTRODE. NO POLY ALLOWED IN BOTTOM OF BEAMS.

GENERAL

THIS DRAWING IS PRIMARILY FOR BEAM AND STEEL PLACEMENT. THE CONTRACTOR IS REQUIRED TO COORDINATE THIS FOUNDATION PLAN WITH THE ARCHITECTURAL DRAWING FOR OFFSETS, DROPS, OPENINGS AND INSERTED ITEMS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS PRIOR TO BEGINNING CONSTRUCTION OF THE SLAB. THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED. THIS DOCUMENT AND ANY ACCOMPANYING DESIGN DOCUMENT ARE NULL AND VOID IF NOT ACCOMPANIED BY AN ENGINEER OF RECORD SEAL AND SIGNATURE. ANY REPRODUCTION OR REUSE OR DISCLOSURE BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. THIS PLAN AND ITS SPECIFICATIONS CONTAIN PROPRIETARY INFORMATION AND ARE THE SOLE COPYRIGHTED PROPERTY OF NORTEX FOUNDATION DESIGNS, INC., FORT WORTH, TEXAS.

**** A PRE-POUR INSPECTION FOR THIS FOUNDATION ** MUST BE ACCOMPLISHED BY THE DESIGN ENGINEER OF RECORD FOR THE FOUNDATION, OR A CERTIFIED LAB.**

NOTICE: ALL POST TENSION MATERIALS TO BE SUPPLIED BY A POST TENSION INSTITUTE CERTIFIED FABRICATOR.

"DO NOT USE THIS PLAN TO SET FORM BOARDS"

INSPECTION NOTES

- NO INSPECTION APPROVAL WILL BE GRANTED IF THE FULL SET OF ENGINEERED PRINTS IS NOT PRESENT AND OBTAINABLE ON THE JOB SITE.
- INSPECTIONS ARE SCHEDULED IN ADVANCE FOR THE MORNING OR AFTERNOON ROUTES. NO OTHER SPECIFIC TIMING CAN BE GIVEN.
- IT IS IMPORTANT TO SCHEDULE PRE-POUR INSPECTIONS WELL BEFORE THE SCHEDULED CONCRETE PLACEMENT AND AFTER THE INSTALLATION IS COMPLETE.
- INSPECTIONS ARE REQUIRED ON ALL NORTEX FOUNDATION DESIGNS. THE COMPLIANCE LETTER WILL BE PROVIDED WHEN THE INSPECTION IS PASSED.

NORTEX INSPECTIONS CAN BE ORDERED AT 817-379-0866

NOTE: THE USE OF THESE PLANS AND SPECIFICATIONS SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED. THIS DOCUMENT AND ANY ACCOMPANYING DESIGN DOCUMENT ARE NULL AND VOID IF NOT ACCOMPANIED BY AN ORIGINAL DESIGN LETTER, SIGNED AND SEALED BY THE ENGINEER OF RECORD. ANY REPRODUCTION OR REUSE, OR DISCLOSURE BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. THIS PLAN AND ITS SPECIFICATIONS CONTAIN PROPRIETARY INFORMATION AND ARE THE SOLE PROPERTY OF NORTEX FOUNDATION DESIGNS, INC., FORT WORTH, TEXAS.

NORTEX FOUNDATION DESIGNS, INC.
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 FORT WORTH, TX 76244
 (817) 379-0866
 info@nortexfoundation.com

OUR BUILDER
 3879 FT. WORTH HWY.
 WEATHERFORD, TX



PLAN #	METAL BUILDING
BEAM SCHEDULE	DEPTH
WIDTH	28"
INT	10"
EXT	10"
DATE	10/26/2018
SCALE	3/8" = 1'-0"
SIZE	4-3/8" x 5-7/8"
DESIGNED BY	IGOR I. TEPLITSKIY
CHECKED BY	IGOR I. TEPLITSKIY
DATE	11/02/2017
PROJECT NO.	11072017
JOB NUMBER	18-137959
PAGE	1 of 1