

**General Installation Guidance.
Professional Engineering Per Site is Recommended.
Consult Local Building Codes.**

GENERAL NOTES



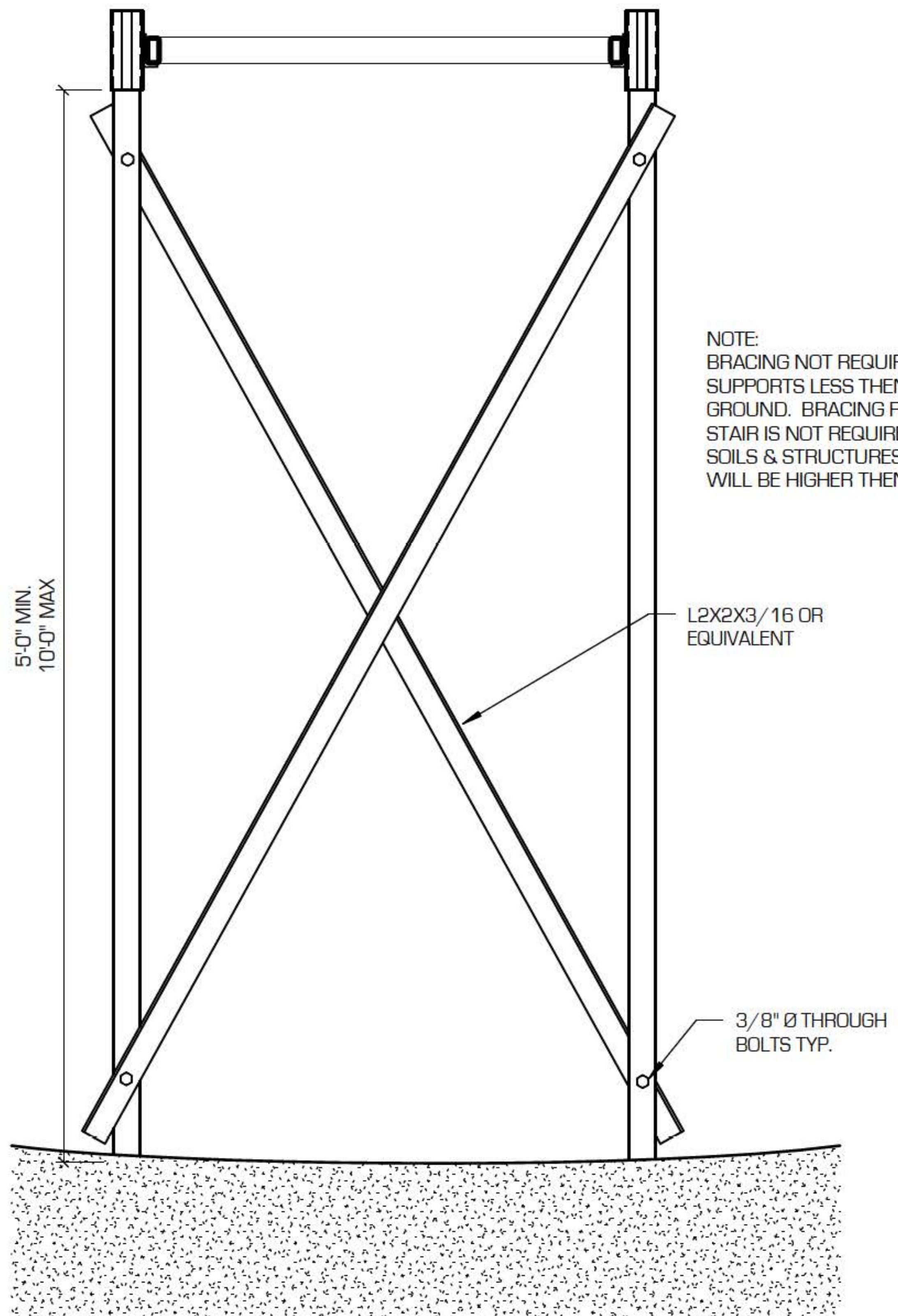
1. ALL APPLICABLE LOCAL, STATE AND FEDERAL RULES, REGULATIONS, ORDINANCES AND CODES SHALL APPLY THROUGHOUT THE PROJECT.
2. THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH 2015 MICHIGAN RESIDENTIAL CODE.
3. THE FOLLOWING LOADS HAVE BEEN USED FOR DESIGN PURPOSES:
 - A. DEAD LOADS
DECKING 3 PSF
 - B. LIVE LOADS
UNIFORM 40 PSF
4. VERIFY ALL EXISTING DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
5. DO NOT SCALE DRAWINGS.

ALUMINUM NOTES

1. ALL ALUMINUM HAS BEEN DESIGNED AND SHALL BE BUILT IN ACCORDANCE WITH THE 2015 EDITION OF THE ALUMINUM DESIGN MANUAL.
2. ALL ALUMINUM TO BE AS FOLLOWS UNLESS NOTED OTHERWISE:
 - A. RECT. TUBES 6063 T6
 - B. PIPE 6061 T6
 - C. PLATE & BAR 6063 T6 OR 6061 T6
 - D. ANGLES 6063 T6
 - E. EXTRUSIONS 6005 T5
 - F. BOLTS ASTM F593C
3. ALL WELDING TO BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF AWS D1.2. ALL WELD ELECTRODES TO BE ER4043 OR EQUIVALENT.
4. ALL BOLTS IN NON-SLOTTED HOLES SHALL BE TIGHTENED TO SNUG TIGHT CONDITIONS. BOLTS IN SLOTTED HOLES SHALL BE TORQUED TO 25 - 30 LB-FT.
5. COORDINATE PAINT AND FIREPROOFING REQUIREMENTS WITH OWNER.

PIPE FOUNDATIONS

1. PIPE PILES SHALL BE DRIVEN TO 7 FOOT ENBEDMENT OR UNTIL REASONABLE REFUSAL IS MET. REFUSAL CAN BE DEFINED BY LESS THAN 2" OF ADVANCEMENT PER 20 BLOWS WITH A 15 POUND POST DRIVER DROPPED 24".
2. HEIGHT ABOVE GRADE TO BRACKET OF 1-1/2" Ø SCH40 STANDARD PIPE PILE SHALL BE 5 FEET MAXIMUM. HEIGHTS GREATER THAN 5 FEET SHALL HAVE X-BRACING INSTALLED PERPENDICULAR TO STAIR RUN. MAXIMUM HEIGHT WITH BRACING IS 10 FEET.



3 TYP. BRACING DETAILS
S101 SCALE: 1" = 1'-0"