



General Installation Guidance.  
Professional Engineering Per Site is Recommended.  
Consult Local Buiding 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 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 THEN 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 THEN 5 FEET SHALL HAVE X-BRACING INSTALLED PERPENDICULAR TO STAIR RUN. MAXIMUM HEIGHT WITH BRACING IS 10 FEET.

