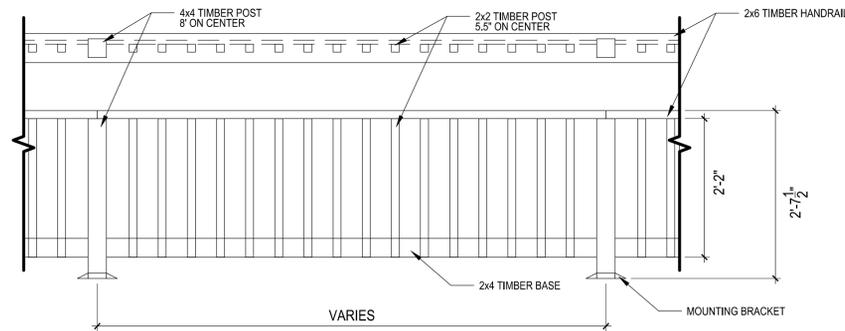




PROJECT TITLE:
TIERNEY PARK
IMPROVEMENTS PROJECT
VILLAGE OF LEXINGTON, MI

SHEET TITLE:
STRUCTURAL MARINE DETAILS



1

BOARDWALK RAILING

SCALE: 3/4"=1'-0"

DT-BOARDWALK RAIL

DATE	REVISION
4/16/25	1. ADD. 1

ISSUED FOR:
BIDDING

DATE:	3/25/25
PROJ NO.:	23-028

DESIGNED BY: NC
DRAWN BY: NC
REVIEWED BY: ----

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SHEET NUMBER:
SM-5.034

NOTES (APPLY TO ALL DETAILS ON THIS SHEET):

- PROVIDE PERPENDICULAR FULL DEPTH BLOCKING BETWEEN JOISTS AT THE MAXIMUM SPACING SHOWN. BLOCKING SHALL BE INSTALLED WITH TIGHT BEARING AND FACE-NAILED USING (3) 10d STAINLESS STEEL COMMON NAILS PER END. ALL NAILS SHALL BE TYPE 316 STAINLESS STEEL, FULL ROUND HEAD, RING-SHANK, MINIMUM 3" LONG. INSTALL BLOCKING FLUSH WITH TOP OF JOISTS. ALTERNATE BLOCKING SIDE TO SIDE FOR EASE OF NAILING.
- ATTACH DECKING USING #10 STAINLESS STEEL TRIM-DECK SCREWS THROUGH NAILERS, WITH A MINIMUM OF TWO SCREWS PER BOARD-TO-NAILER INTERFACE. ALL SCREWS SHALL BE INSTALLED IN PREDRILLED HOLES. FASTENER SPACING SHALL FOLLOW MANUFACTURER'S RECOMMENDATIONS AND SHALL BE NO LESS THAN THE FOLLOWING MINIMUMS (BASED ON SCREW SHANK DIAMETER OF 0.190 INCHES):
 - EDGE DISTANCE: 1/2 INCH
 - END DISTANCE: 1 INCH
 - SPACING BETWEEN FASTENERS IN A ROW (PARALLEL TO GRAIN): 2 INCHES
 - SPACING BETWEEN FASTENERS IN A ROW (PERPENDICULAR TO GRAIN): 1 INCH
 - SPACING BETWEEN ROWS OF FASTENERS (IN-LINE): 1 1/8 INCH
- ALL WELDS TO BE 70 KSI FILLER MATERIAL.
- ALL CONNECTIONS TO BE DETAILED IN SHOP DRAWINGS. SHOP DRAWINGS AND FASTENER PRODUCT INFORMATION TO BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PROCUREMENT.
- SUBMIT FOR ENGINEER APPROVAL: SHOP DRAWINGS; STEEL MILL CERTIFICATES; AWS CERTIFICATIONS; WELDING METHODOLOGY; AND FASTENER/HARDWARE PRODUCT INFORMATION.
- ALL MEMBERS SHOWN ARE CONTINUOUS.
- ALL SUPERSTRUCTURE TIMBER ELEMENTS TO BE SOUTHERN PINE NO. 2 CONFORMING TO SPIB & AWC NDS REQUIREMENTS. THEY SHALL MEET TREATMENT REQUIREMENTS OF USE CATEGORY UC4A OR BETTER.
- PILE TIMBER ELEMENTS TO BE SOUTHERN PINE AND CONFORM TO ASTM D25. PILES SHALL MEET TREATMENT REQUIRES OF USE CATEGORY UC4C.