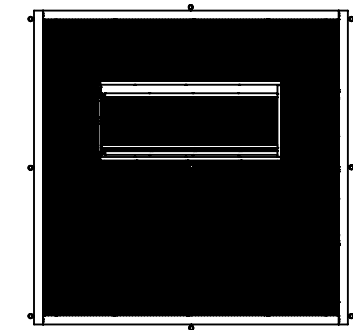
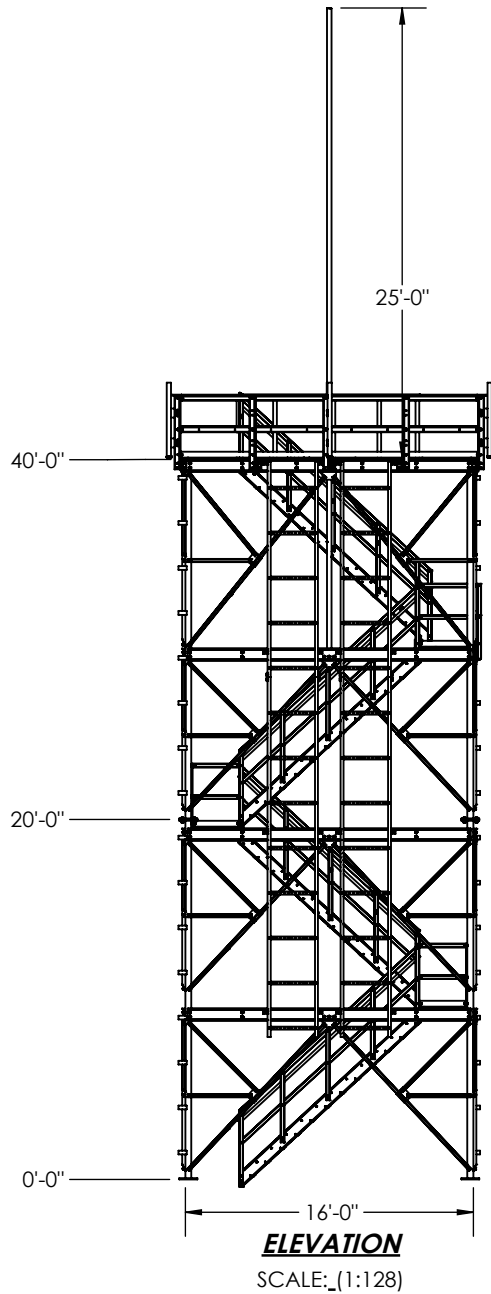
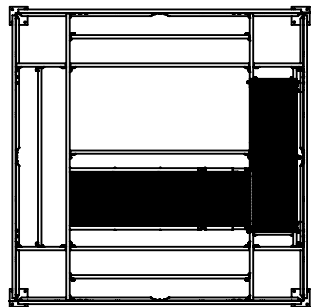


LEGS	4 X 4 X 1/4 L	A572 (50ksi)
HORIZONTALS	C8 X 11.5 CHANNEL	A572 (50ksi)
DIAGONALS	2 X 2 X 3/16 L	A572 (50ksi)
SUB BRACES	2 X 2 X 3/16 L	A572 (50ksi)



PLATFORM PLAN VIEW
SCALE: 1/128

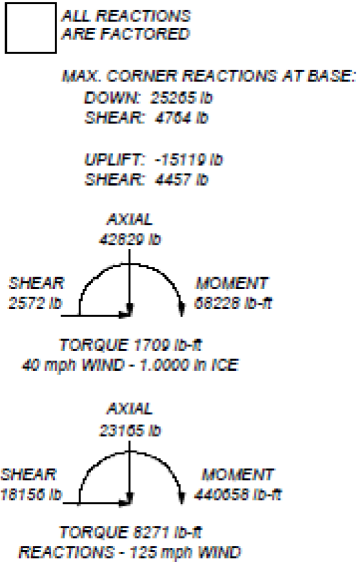


TYPICAL LANDING VIEW
SCALE: 1/128

NOTES:

- TOWER IS DESIGNED TO CONFORM TO THE REQUIREMENTS OF TIA-222-H WITH THE FOLLOWING CONSIDERATIONS:
BASIC WIND SPEED: 125 MPH, 3-SECOND GUST WIND SPEED WITHOUT ICE
ICE WIND SPEED: 40 MPH, 3-SECOND GUST WIND SPEED WITH 1.0" RADIAL ICE
SERVICE WIND SPEED: 60MPH, 3-SECOND GUST WIND SPEED WITHOUT ICE
DESIGN ICE THICKNESS: 1.0" (SEE ICE WIND SPEED, ABOVE)
RISK CATEGORY: III
TOPOGRAPHICAL CATEGORY: 1
EXPOSURE CATEGORY: C
- TOWER LOADING IS AS FOLLOWS:
A. (8) ANTENNAS ON PLATFORM, AT TOP.
B. (1) 36" X 36" X 12" JUNCTION BOX MOUNTED TO HANDRAIL AT TOP
C. (20) LMR-600 FEEDLINES FULL TOWER HEIGHT.
D. (1) 2-1/2" SCH 40 PIPE AERIAL MAST PERMITTING AERIAL INSTALLATION AT 25FT-0IN ABOVE THE PLATFORM GRATING; AERIAL CONDUCTORS, AND BONDING CLAMPS ARE SUPPLIED BY OTHERS
E. OSHA-COMPLIANT STAIR & GUARDRAIL ASSEMBLIES
- ALL STRUCTURAL STEEL ANGLE MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF ASTM-A572 (50KSI YIELD STRENGTH MATERIAL); ALL OTHER STRUCTURAL STEEL PIPE MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM-A53 (35/26 KSI YIELD STRENGTH MATERIAL); ALL ADDITIONAL STEEL PLATES, BARS, RODS, SHAPES, ETC., SHALL CONFORM TO THE REQUIREMENTS OF ASMT-A36 (36 KSI YIELD STRENGTH MATERIAL).
- ALL STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED, AFTER FABRICATION, AND CONFORM TO THE REQUIREMENTS OF ASTM-A123.
- BOLT INFORMATION:
A. ALL STRUCTURAL STEEL BOLTS AND BOLTED CONNECTIONS SHALL BE HOT-DIPPED GALVANIZED AND CONFORM TO THE REQUIREMENTS OF ASTM F3125, GR. A325 NUTS SHALL BE TIGHTENED THE "SNUG-TIGHT JOINTS" METHOD, AS DEFINED BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RSSC) "SPECIFICATION FOR STRUCTURAL JOINS USING A325 OR A490 BOLTS", DATED 06/30/04, SECTION 4.1.
B. ALL BOLTED ASSEMBLIES SHALL INCLUDE A JAM NUT IN ADDITION TO A HEAVY-HEX NUT.
- ALL WELDED CONNECTIONS SHALL CONFORM TO THE LATEST REVISED CODE OF THE AMERICAN WELDING SOCIETY: A.W.S. D1.1.

REVISIONS			
REV.	DESCRIPTION	DATE	APP'D
-	PRINT RELEASE	8/12/2022	L.S.



REV		REV	
-		-	
TITLE: 40 FT TOWER ELEVATION		DWG. NO.: 4011-22-A01	
8/12/2022		SHEET: 1 OF 1	
K. HOOS		SCALE: 1:32	
DRAWN:		CHECKED:	
CUSTOMER:		REV. DATE:	
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