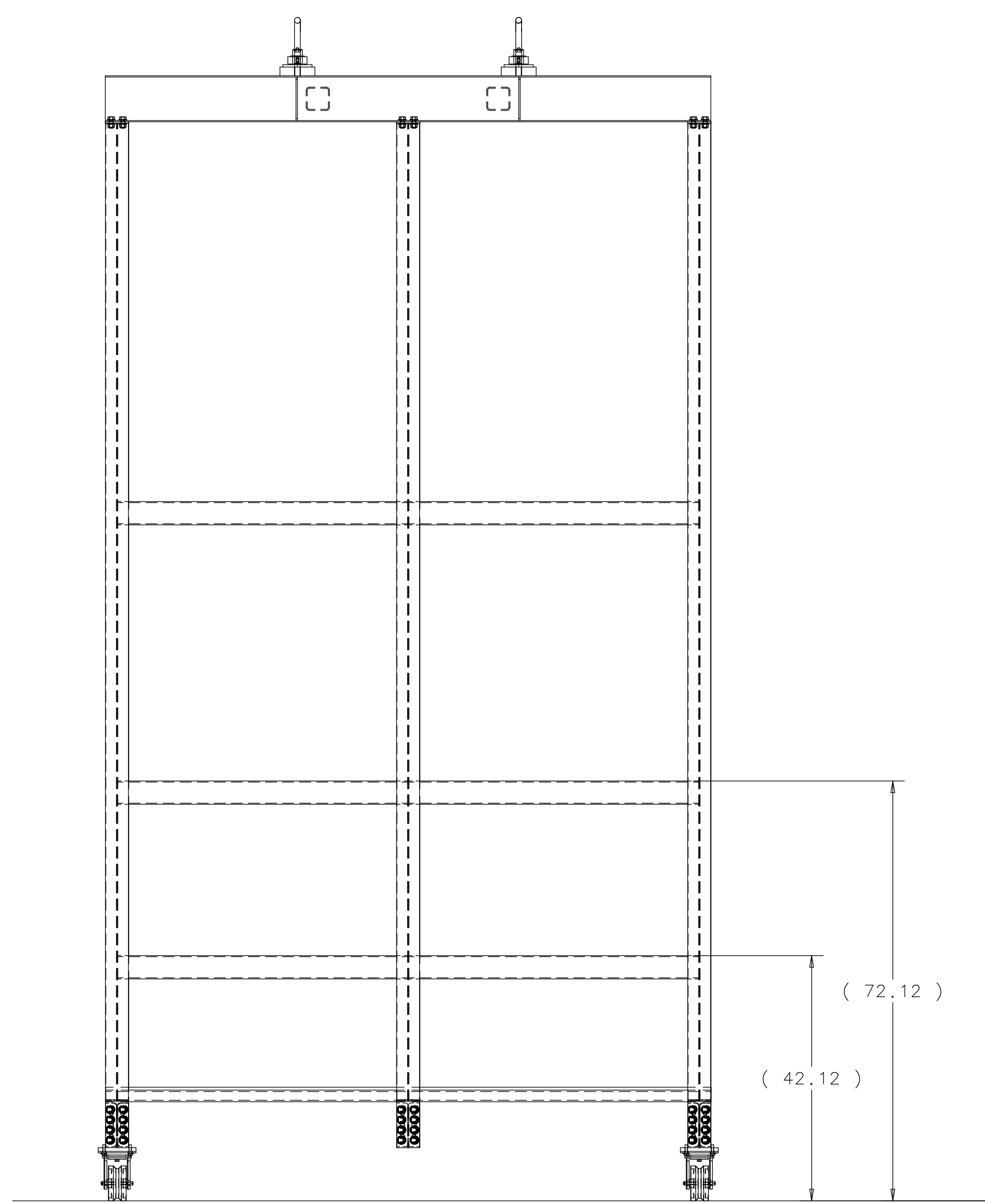
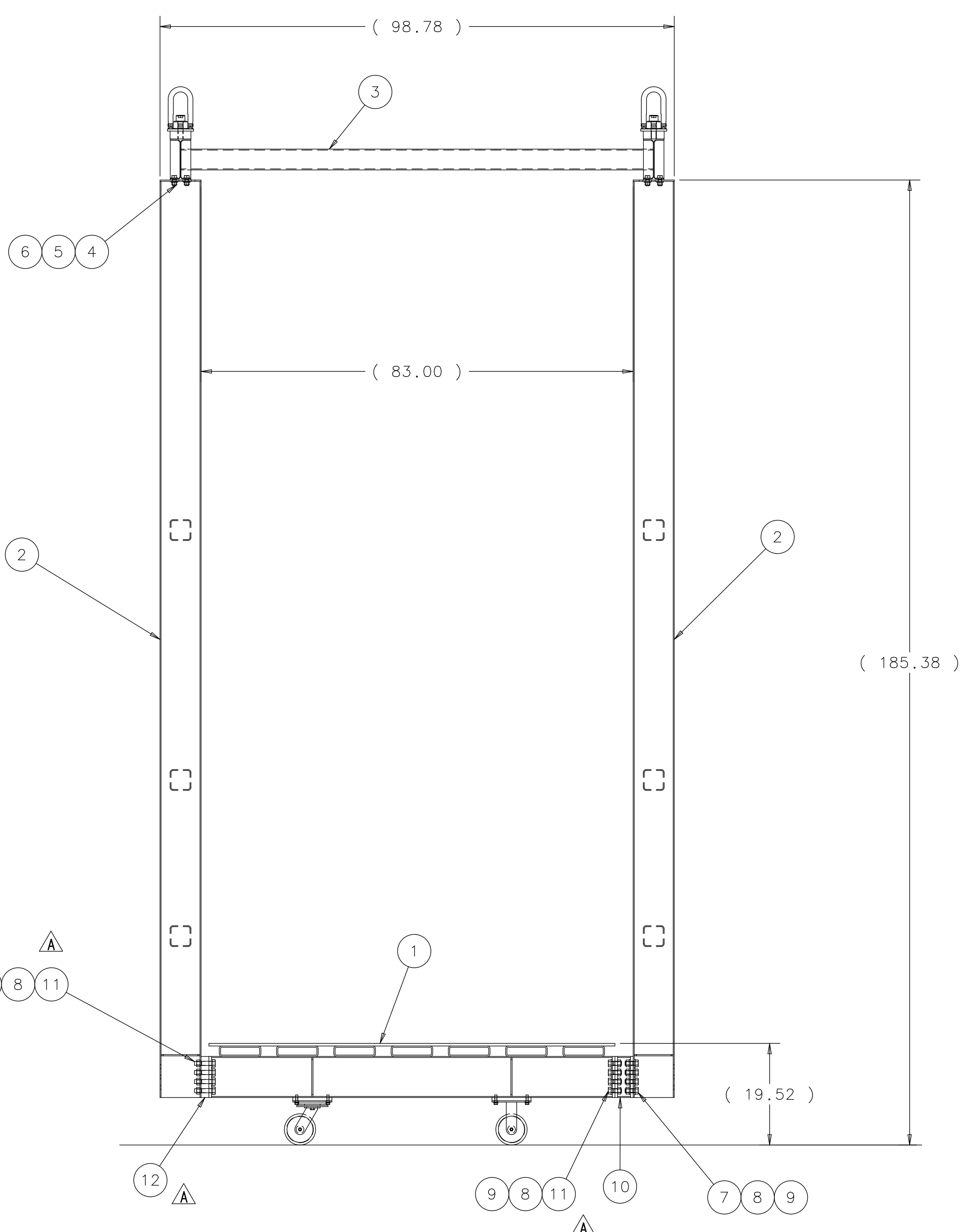
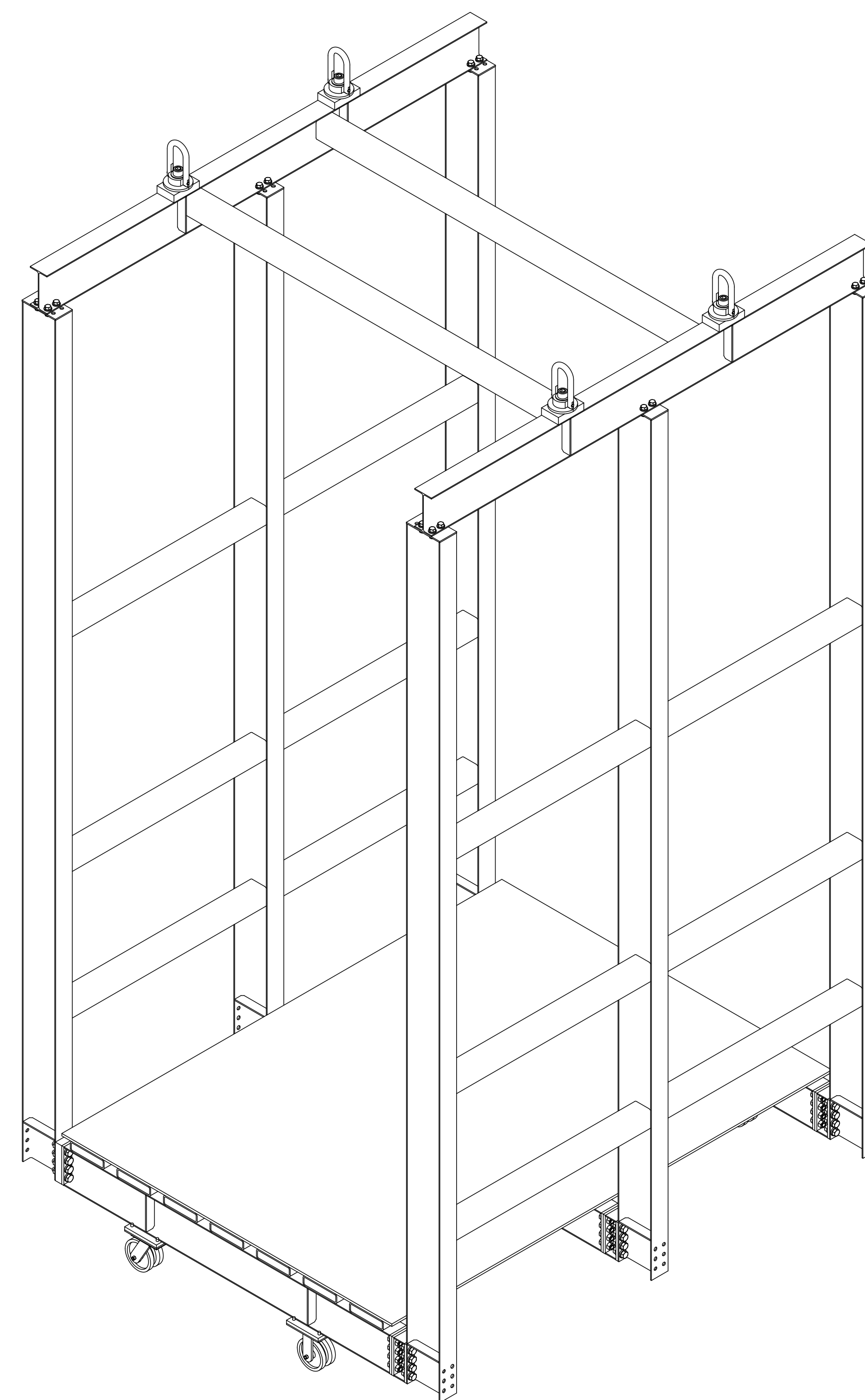
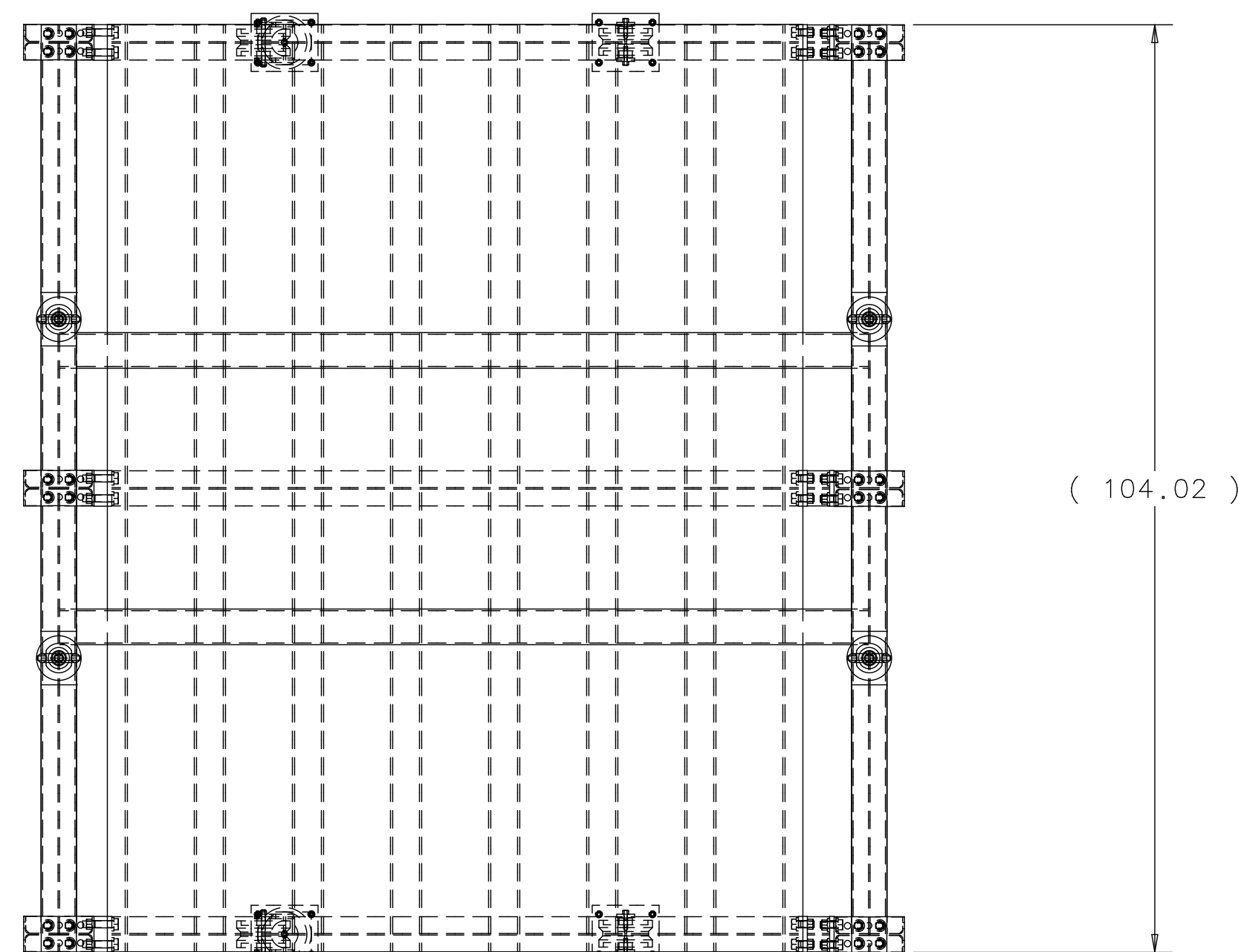


| REV | DESCRIPTION | DRAWN | DATE |
|-----|---|-----------|-------------|
| A | UPDATED ITEM #2 TO ITS CURRENT REVISION STATUS, CHG'D ITEM #10 WAS MC-444631, CHG'D ITEM #11 WAS 2.50" LG, ADDED ITEM #12 | D. FRIEND | 10-MAR-2010 |



NOTES:
1. APPROXIMATE WEIGHT OF ASSEMBLY IS 4,316 LBS.

| ITEM | PART NO. | DESCRIPTION OR SIZE | QTY. |
|------|--------------------------|---|------|
| 12 | MB-466757 | HORIZ BASE SPACER PLATE | 3 |
| 11 | COML | SCREW, HEX HD, GRADE 5, ALLOY STEEL 3/4-10 UNC X 3.50" LG. | 24 |
| 10 | MC-466758 | HORIZ BASE SPACER ASSEMBLY | 3 |
| 9 | COML | NUT, FULL HEX, GRADE 5, ALLOY STEEL 3/4-10 UNC | 72 |
| 8 | MCMASTER CARR #91201A036 | WASHER, FLAT, PLAIN, STEEL, 3/4" BOLT 1.500 O.D., .781 I.D., .24 MIN THKNS | 144 |
| 7 | COML | SCREW, HEX HD, GRADE 5, ALLOY STEEL 5/8-11 UNC X 2" LG. | 48 |
| 6 | COML | NUT, FULL HEX, GRADE 5, ALLOY STEEL 5/8-11 UNC | 24 |
| 5 | MCMASTER CARR #98038A268 | WASHER, FLAT, PLAIN, STEEL, 5/8" BOLT 1.313 O.D., .688 I.D., .122 MIN THKNS | 48 |
| 4 | COML | SCREW, HEX HD, GRADE 5, ALLOY STEEL 5/8-11 UNC X 1-1/2" LG. | 24 |
| 3 | MD-444199 | TOP HORIZONTAL SUPPORT WELDMENT | 1 |
| 2 | MD-444198 | VERTICAL SUPPORT WELDMENT | 2 |
| 1 | MD-444632 | LIFTING FIXTURE BASE ASSY | 1 |

| PARTS LIST | | | |
|----------------------------|--|------------|----------------------|
| UNLESS OTHERWISE SPECIFIED | ORIGINATOR | V. GUARINO | 19-JUL-2007 |
| .XX | .XXX | DRAWN | D. FRIEND |
| ± | ± | CHECKED | G. SMITH |
| 1. | BREAK ALL SHARP EDGES | APPROVED | V. GUARINO |
| 2. | DO NOT SCALE DRAWING. | USED ON | ME-444635 |
| 3. | DIMENSIONS BASED UPON ASME Y14.5M-1994 | MATERIAL | SEE PARTS LIST ABOVE |
| 4. | MAX. ALL WCH. SURFACES | | |
| 5. | DRAWING UNITS: U.S. INCH | | |

FERMI NATIONAL ACCELERATOR LABORATORY
 UNITED STATES DEPARTMENT OF ENERGY
 NOVA-DETECTOR_PROTOTYPE
 IPND LIFTING FIXTURE HORZ BLOCK
 LIFTING FIXTURE AND CART ASSY

| | | | |
|-------|--------------------|--------|-----|
| SCALE | DRAWING NUMBER | SHEET | REV |
| 1:16 | 3929.000-ME-444633 | 1 OF 1 | A |

CREATED WITH: Ideos12NXSeries | GROUP: PPD/MECHANICAL DEPARTMENT