

4. PROVIDE A CLEAR VERTICAL EXHAUST FIELD. REVIEW MANUAL FOR DETAILED INSTALLATION AND SITE CONDITIONS.
3. MAXIMUM INTAKE AIR TEMPERATURE IS 120°F. INTAKE AIR IS DRAWN IN FROM ALL FOUR LOWER SIDES OF UNIT. DO NOT BLOCK.
2. ALL DIMENSIONS ARE APPROX. IN INCHES [METRIC]
1. WEIGHT: 12,500 LBS [5670 KG] APPROX

NOTES:

6. SEE SHEETS TWO AND THREE FOR ADDITIONAL NOTES & DETAILS.
5. AS A GENERAL GUIDE, THE MINIMUM CLEARANCE REQUIRED FROM ANY OBSTRUCTION IS FOUR FEET.

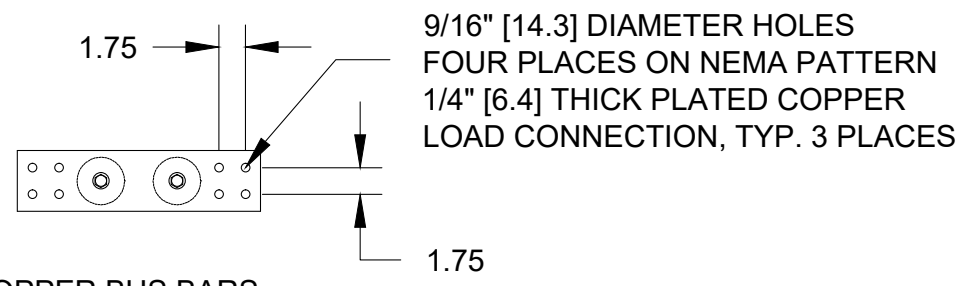
AVTRON
POWER SOLUTIONS

MEDIUM VOLTAGE LOAD BANK
GENERAL REFERENCE OUTLINE DRAWING

Model 9200

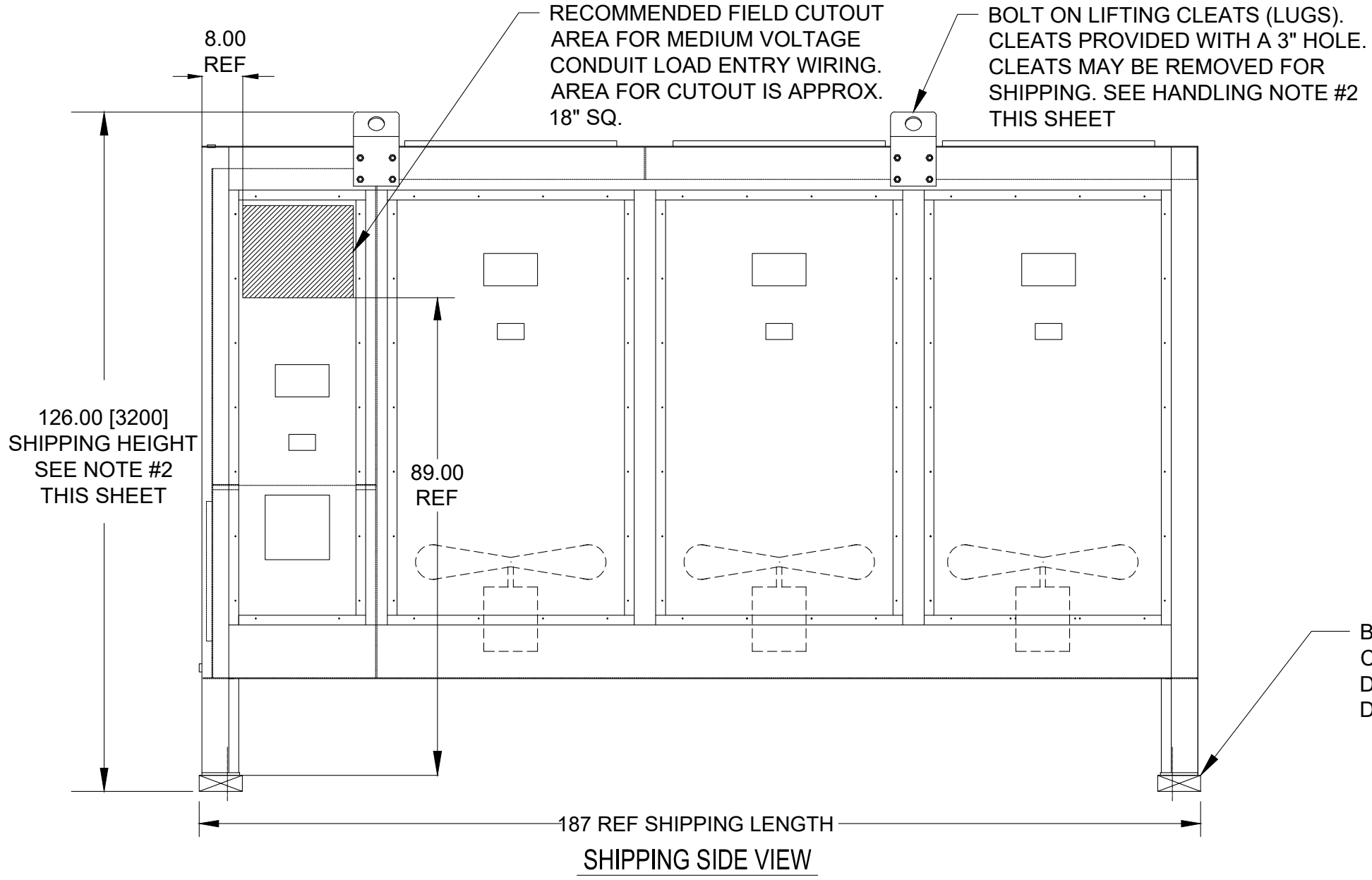
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BUS BARS

0.25" BY 4.00" WIDE COPPER BUS BARS
LOAD CONNECTION TERMINALS
SHOWN TWO TIMES SIZE.



BLOCK INDICATES TEMPORARY SHIPPING
CHANNELS.
DO NOT LIFT BY THESE CHANNELS.
DISCARD CHANNELS ONCE ON SITE.

LOAD BANK HANDLING/INSTALLATION NOTES:

- 1) LOAD BANK SHOWN AS SHIPPED ON THIS SHEET 2. SEE SHEET 1 FOR INSTALLATION OF EXHAUST HOODS.
- 2) FOR HANDLING, A CRANE IS REQUIRED TO LIFT LOAD BANK VIA FOUR FORMED LIFTING CLEATS (LUGS). DO NOT USE BASE OR SHIPPING CHANNELS FOR LIFT. LIFT PRIOR TO INSTALLING EXHAUST HOODS. BOLT ON LIFTING LUGS MAY BE REMOVED FOR SHIPPING TO REDUCE HEIGHT.
- 3) LOAD BANK MUST BE INSTALLED ABOVE GRADE IN A SECURED AREA DUE TO MEDIUM VOLTAGE. FOLLOW NEC AND LOCAL CODES FOR INSTALLATION AND SAFETY GUIDELINES.
- 4) AS A GENERAL GUIDE, PROVIDE 48" [1219mm] CLEARANCES ON ALL SIDES. A MINIMUM OF 36" [900mm] MUST BE TO ANY SURFACE, DEVICE, COMPONENT.
- 5) AIR HANDLING OR THERMAL DEVICES MUST NOT BE WITHIN 50' OF LOAD BANK. THESE DEVICES MAY INFLUENCE AIR FLOW AND OPERATING TEMPERATURE. REVIEW MANUAL PRIOR TO INSTALLATION.
- 6) ON EXHAUST, MINIMUM 16' [5M] TO ANY OBSTRUCTION 50' [15M] TO ANY TEMPERATURE SENSITIVE EQUIPMENT.

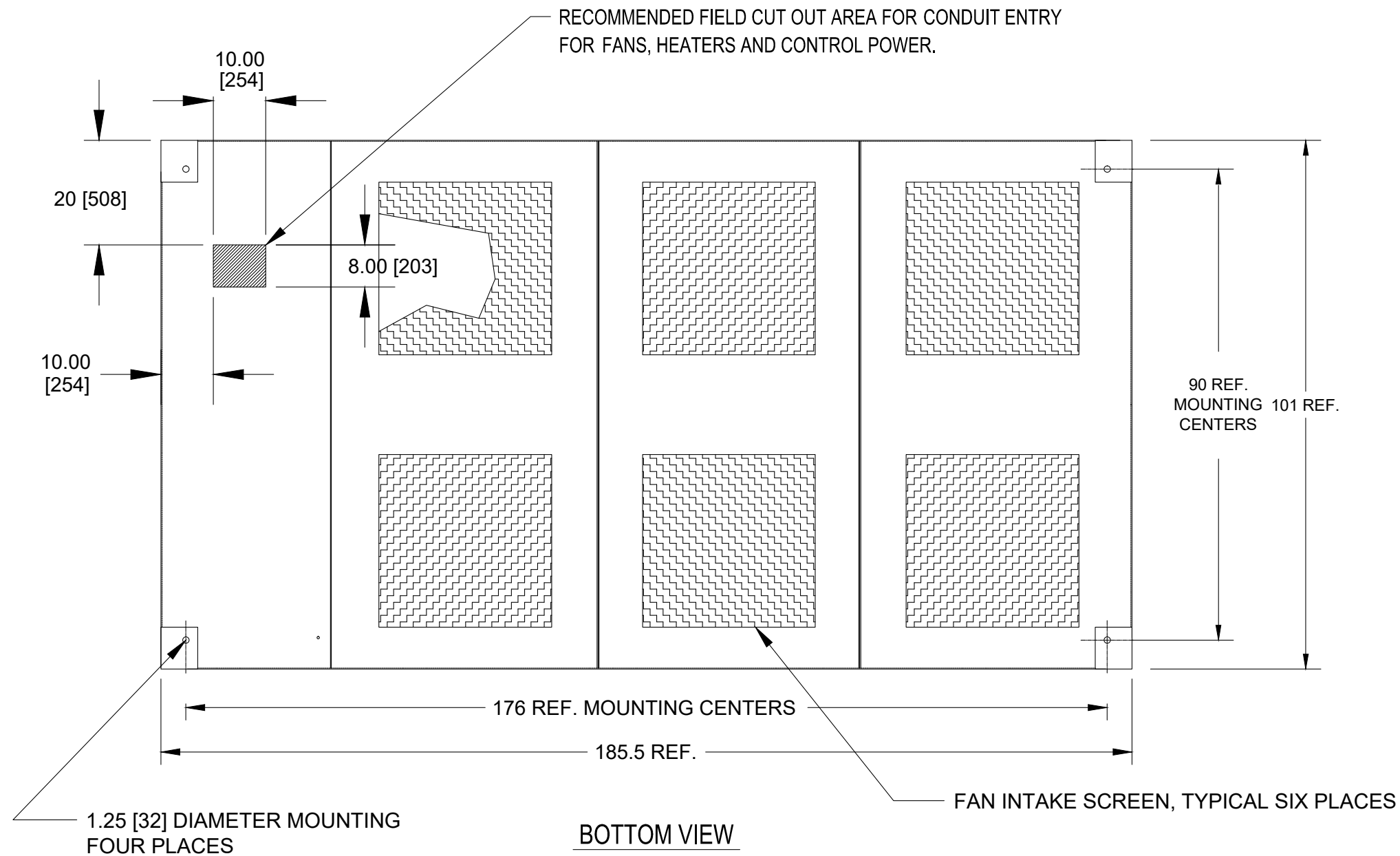


MEDIUM VOLTAGE LOAD BANK
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LOAD BANK MOUNTING INSTRUCTIONS:

1. ANCHOR BOLTS SHALL BE ACQUIRED AND INSTALLED BY OTHERS. THESE NOTES ARE GUIDELINES TO BE REVIEWED BY SITE CIVIL ENGINEER OR FOUNDATION DESIGNER FOR MOUNTING OF LOAD BANK.
2. RECOMMENDED ANCHOR BOLTS SHALL BE 3/4" DIAMETER BY 6" LONG STAINLESS STEEL EXPANSION (WEDGE) ANCHORS. USE HILTI KWIK BOLT-3 OR TYPE REFERENCE: "KB-TZ SS304 3/4 x 6" OR APPROVED EQUIVALENT.
3. CORROSION RESISTANT ANCHOR BOLT SHALL BE INSTALLED PER VENDOR SUPPLIED INSTRUCTIONS.
4. ANCHOR BOLT SHALL HAVE A MINIMUM OF 2" PROJECTION ABOVE THE CONCRETE AFTER INSTALLATION.
5. PROVIDE A MINIMUM OF 8" EDGE DISTANCE FROM ANCHOR BOLT TO EDGE OF CONCRETE.
6. FOUNDATION DESIGNED AND/OR CIVIL ENGINEER SHALL REVIEW INSTALLATION. CAST IN PLACE (PRESET) OR EPOXY ANCHORS, IF USED, ARE TO BE SPECIFIED AND APPROVED BY OTHERS.
7. FULL CONCRETE PAD TO BE PER STRUCTURAL DESIGNER, ARCHITECT OR ENGINEER BUT MUST MEET THE FOLLOWING: PAD TO BE LEVEL TO WITHIN 1/2" OVER 185.5" LENGTH OF LOAD BANK. PAD CAN BE SLOPED SLIGHTLY TO DRAIN OFF WATER. NO POOLING OF WATER ON PAD PERMITTED. CONCRETE TO BE CURED MINIMUM 14 DAYS BEFORE INSTALLATION. CONCRETE COMPRESSIVE STRENGTH RATING OF 3,000 PSI.
8. MOUNTING PADS AT BASE OF FOUR FRAME LEGS ARE 7.00" BY 8.00" BY 0.50" THICK ASTM A36 STEEL WITH 1.25" CLEARANCE HOLE FOR ANCHORS.
9. KEEP AREA UNDER LOAD BANK CLEAR AND CLEAN OF ANY DEBRIS, DIRT OR STANDING/POOLING WATER.

LOAD BANK GENERAL NOTES:

1. REVIEW MANUAL BEFORE HANDLING, INSTALLATION OR OPERATION.
2. SEE SHEETS 1 & 2 FOR ADDITIONAL NOTES & DETAILS.
3. VERTICAL EXHAUST AIR EXITS THROUGH FIXED EXHAUST HOODS.
4. EXHAUST HOODS ON SHEET ONE, ARE SHIPPED SEPARATELY. FOR FIELD INSTALL.
5. MANUAL, REMOTE CONTROL PANEL PROVIDED IN NEMA 4 ENCLOSURE. CONTROL ENCLOSURE SHIPPED SEPARATELY FOR FIELD INSTALLATION.