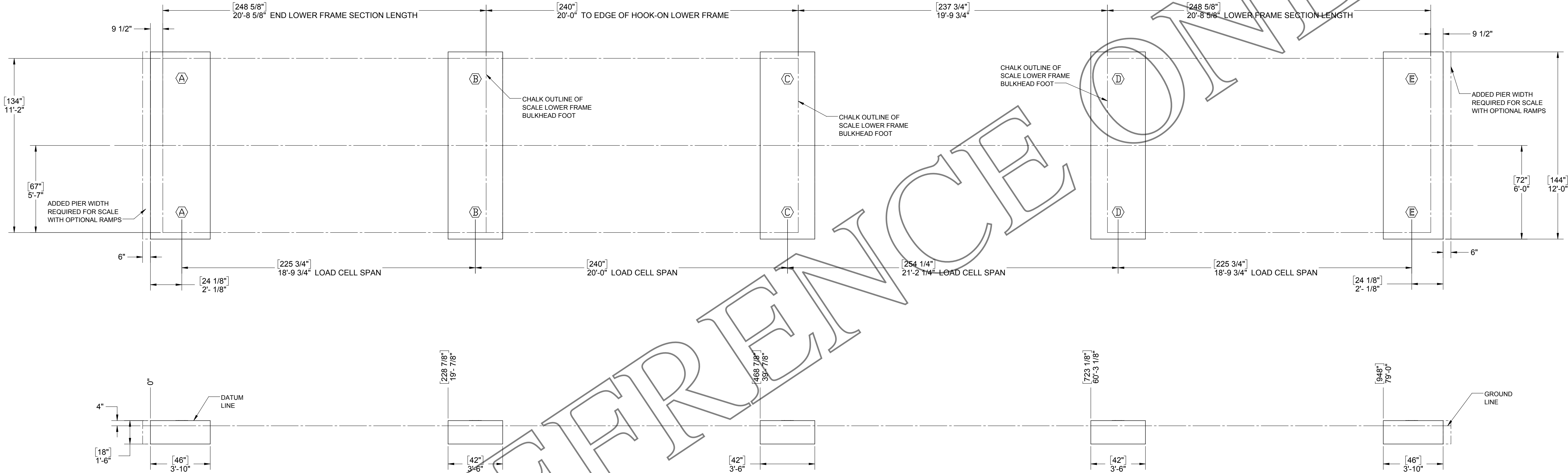



| PIER LOADINGS AT SECTIONAL CAPACITY |           |
|-------------------------------------|-----------|
| PIER                                | LOADING   |
| A                                   | 51.0 KIPS |
| B                                   | 56.0 KIPS |
| C                                   | 56.0 KIPS |
| D                                   | 56.0 KIPS |
| E                                   | 51.0 KIPS |

| REVISION RECORD |             |           |       |     |
|-----------------|-------------|-----------|-------|-----|
| LTR             | DESCRIPTION | DATE      | ECO   | BY  |
| A               | RELEASED    | 4/20/2018 | 28641 | MLJ |



- NOTES:
1. THE SCALE PIER PLAN AS SHOWN IS SUFFICIENT FOR FIRM SOIL AND GOOD CONCRETE. THE MINIMUM SOIL BEARING SHALL BE 4,000 POUNDS PER SQUARE FOOT AND THE MINIMUM CONCRETE STRENGTH SHALL BE 3,000 POUNDS PER SQUARE INCH, 28 DAY. FOR UNUSUAL SOIL CONDITIONS OR DEEP FROST PENETRATION, ALTER THE FOUNDATION AS REQUIRED. THE FOOTING SHALL BE BELOW THE FROST LINE.
  2. TOP OF PIERS SHALL BE IN A LEVEL PLANE AND A MINIMUM OF 4 INCHES ABOVE THE GROUND LINE.
  3. A MINIMUM REINFORCING SCHEDULE OF #4 RODS ON 6 INCH CENTERS SHALL EXTEND THE ENTIRE WIDTH OF THE PIERS. REINFORCING RODS SHALL BE PLACED 3 INCHES FROM THE TOP AND BOTTOM OF SURFACE OF THE PIERS.
  4. THE CONTRACTOR SHALL CONTACT THE STATE WEIGHTS AND MEASURES DIVISION FOR STATE FOUNDATION REQUIREMENTS (SOME STATES REQUIRE SPECIAL PIER DEPTHS.)  
NOTE: WHOLE NUMBERS MUST BE WRITTEN XX,000 TO INVOKE DECIMAL TOLERANCES.
  5. APPROXIMATELY 12.1 CUBIC YARDS OF CONCRETE REQUIRED.
  6. ON THE APPROACH END OR ENDS OF A VEHICLE SCALE INSTALLED IN ANY ONE LOCATION FOR A PERIOD OF SIX MONTHS OR MORE, THERE SHALL BE A STRAIGHT AND LEVEL APPROACH AS FOLLOWS:  
(A) AT LEAST THE WIDTH OF THE PLATFORM AND  
(B) AT LEAST ONE-HALF THE LENGTH OF THE PLATFORM BUT NOT REQUIRED TO BE MORE THAN 40 FEET, AND  
(C) NOT LESS THAN 10 FEET OF ANY APPROACH ADJACENT TO THE PLATFORM SHALL BE CONSTRUCTED OF CONCRETE OR SIMILAR DURABLE MATERIAL TO INSURE THAT THIS PORTION REMAINS SMOOTH AND LEVEL AND IN THE SAME PLANE AS THE PLATFORM. HOWEVER, GRATING OF SUFFICIENT STRENGTH TO WITHSTAND ALL LOADS MAY BE INSTALLED IN THIS PORTION; AND FURTHER WHERE DEEMED NECESSARY FOR DRAINAGE PURPOSES, THE REMAINING PORTION OF THE APPROACH MAY SLOPE SLIGHTLY.
  7. CONSTRUCT CHALK LINES AS SHOWN BEFORE PLACING THE SCALE.
  8. THE SUMMING CABLES, FROM THE LOWER FRAMES TO THE SUMMING JUNCTION BOX, MUST BE INSTALLED IN A PROTECTIVE 1" MINIMUM SIZE CONDUIT OR COVER. THE INDICATOR CABLE MUST BE INSTALLED IN A PROTECTIVE 1 1/2" MINIMUM SIZE CONDUIT OR COVER. THE CABLE MUST BE A MINIMUM OF 24" FROM ALL A.C. ELECTRICAL LINES. (THEY MAY CROSS AT 90° ONLY.)

|  |         |   |  |  |              |       |
|--|---------|---|--|--|--------------|-------|
| MATERIAL DESCRIPTION   |         | N/A   |  | WEIGHT: 2.9                                  |              | LBS   |
| TOLERANCE ON DIMENSIONS ARE:<br>ANGLES ± 1/2°<br>INTEGERS/FRACTIONS ± 1/16 IN.<br>DECIMALS (X) ± .03 IN.<br>DECIMALS (XX) ± .01 IN.<br>DECIMALS (XXX) ± .005 IN.<br>NOTE: WHOLE NUMBERS MUST BE WRITTEN XX,000 TO INVOKE DECIMAL TOLERANCES. |         |  |  | CARDINAL DETECTOR<br>FULLER WEIGHING SYSTEMS |              |       |
| TITLE  |         | PIER PLAN: 5 SECTION STEEL DECK - 80' X 11' SELF CONTAINED TRUCK SCALE                |  |  |              |       |
| SCALE  | NTS     | DO NOT SCALE DRAWING  |  | DATE: 4/20/2018                              | PARENT MODEL | ARMOR |
| DR. MLJ  | DATE    | 4/20/2018   |  | D  | SHEET 1      | OF 1  |
| CH.  | DATE    |   |  | DWG. NO.                                     | REV. A       |       |
| MODEL  | 1010718 |   |  | 0330-0481-0A                                 |              |       |