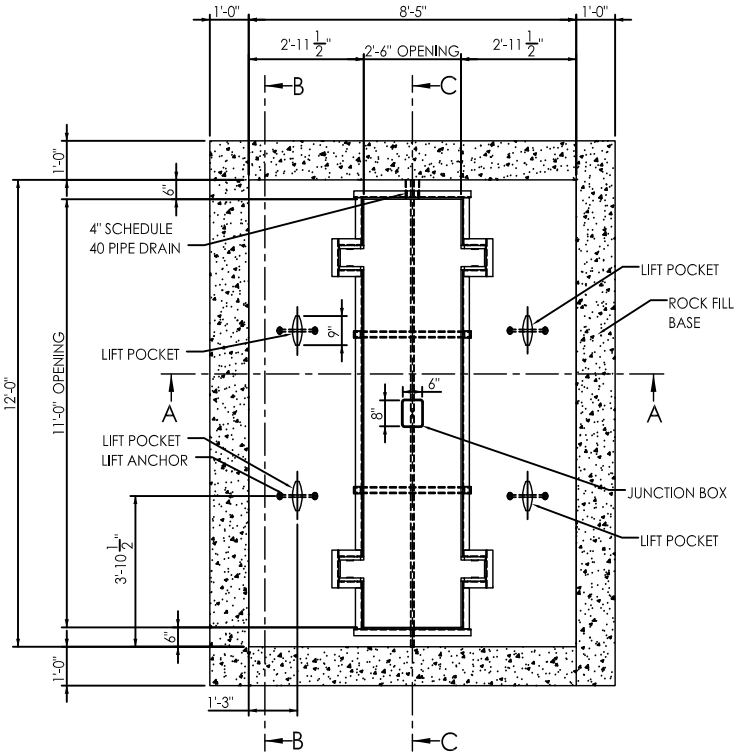
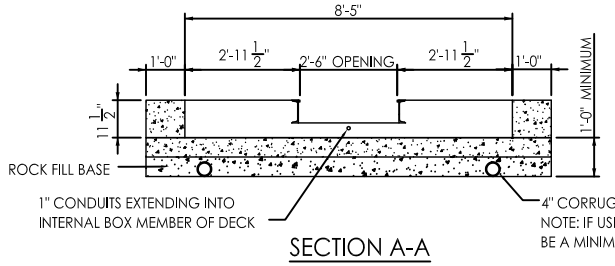
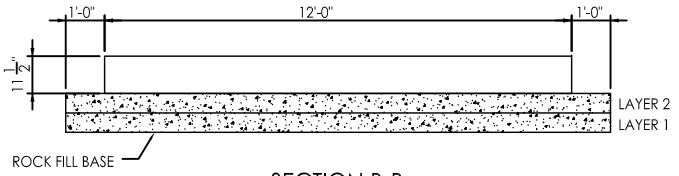


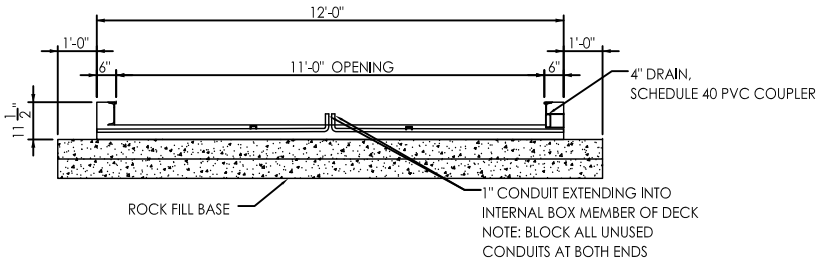
PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C

GENERAL NOTES:

1. PROPER OPERATION OF THE SCALE REQUIRES A STABLE BASE. A STABLE BASE CAN BE CONSTRUCTED BY PLACING MINIMUM ONE FOOT OR MORE OF 1" TO 1-1\2" CRUSHED STONE BED ON A SOIL SUBGRADE. IF SUBSOIL IS SOFT, APPLY MORE 1" TO 1-1\2" CRUSHED STONE (18" - 24" MINIMUM). THE SOIL SUBGRADE SHOULD HAVE AN ALLOWABLE SOIL BEARING PRESSURE OF AT LEAST 1,500 PSF. IN POOR SOIL(LESS THAN 1,500 PSF), ROCK BASE NEEDS TO BE DEEPER AND WIDER (FOUNDATION SOIL NEEDS TO BE REMOVED AND REPLACED WITH 1" TO 1-1\2" CRUSHED STONE.

2. 1" TO 1-1\2" CRUSTED STONE BED SHALL BE PLACED IN 6 TO 8 INCH LAYERS AND COMPACTED TO A DRY DENSITY OF NOT LESS THAN 95 PERCENT OF THE MAXIMUM VALUE DETERMINED IN ACCORDANCE WITH ASTM DESIGNATION D 698. THE FILL SHOULD EXTEND BEYOND EDGES OF SCALE AS FAR AS ROCK IS DEEP.

3. FINAL GRADE MUST BE LESS THAN ±1/8". USE GRADE BOARD IN BOTH DIRECTIONS TO MAKE SURE THERE IS NO HUMPS OR VALLEYS. IF INSTALLED ON GRADE, THE SCALE TO BE INSTALLED ON THE SAME GRADE AS THE ROAD.

4. FROST CAN IMPACT THE OPERATION OF THE SCALE. IF FROST IS A CONCERN THE CRUSHED STONE BASE SHOULD BE EXTENDED BELOW THE DEPTH OF FROST PROTECTION. THE DESIGN SHOWN ASSUMES TEMPORARY USE AND DOES NOT PROVIDE FROST PROTECTION.

5. CONTRACTOR IS RESPONSIBLE FOR LEVELING GRADE AS REQUIRED FOR DRAINAGE.

6. SCALE IS RATED TO SUPPORT A 50,000LB MAXIMUM AXLE LOAD.

7. BASE OF SCALE ONLY SHOWN FOR CLARITY. DRAWING INTENDED TO REPRESENT FILL REQUIREMENTS AND DRAINAGE LOCATIONS.

Fairbanks Scales

Installation Details
BASE AND CONCRETE
AXLESURANCE

Tolerances unless otherwise stated
0.0= ±0.2"
0.00=±0.01"
0.000=±0.005"
All Dimensions In Inches U.O.S.

DRAWING NO.
AXLE-615-100

SCALE: DO NOT SCALE FROM DRAWING

SHEET 1 of 1