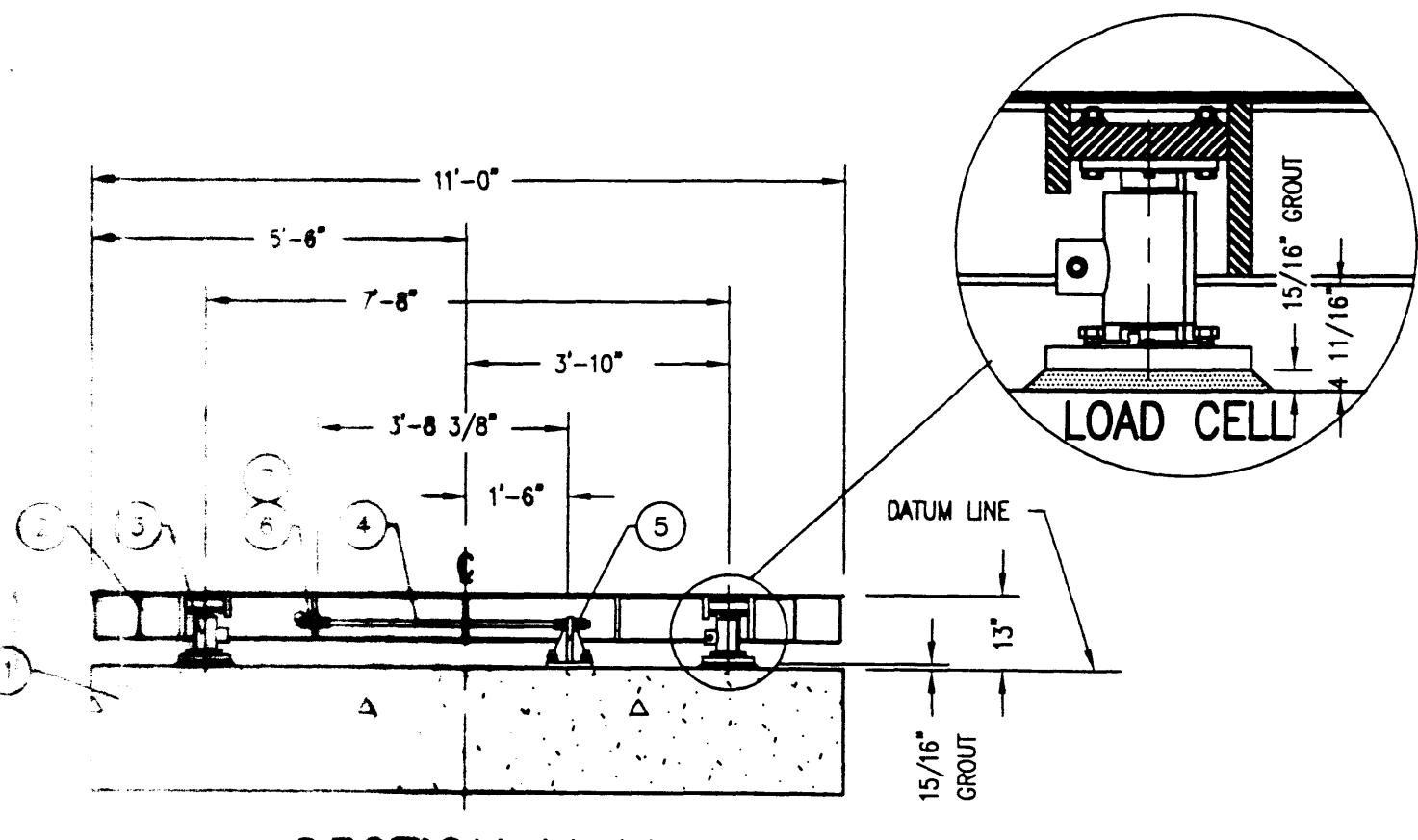
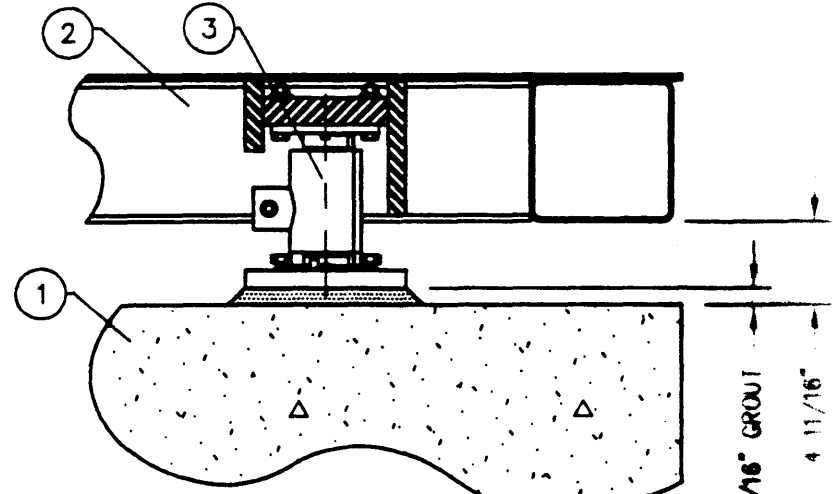
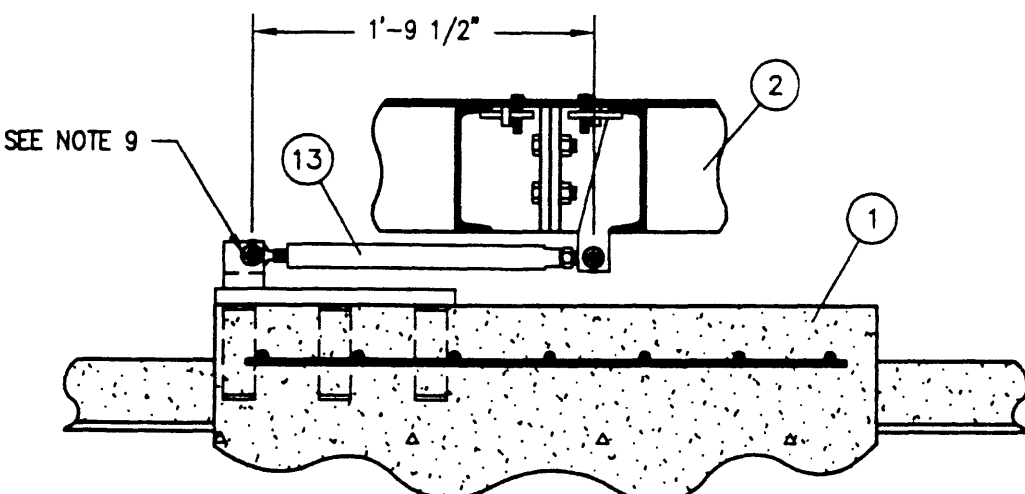
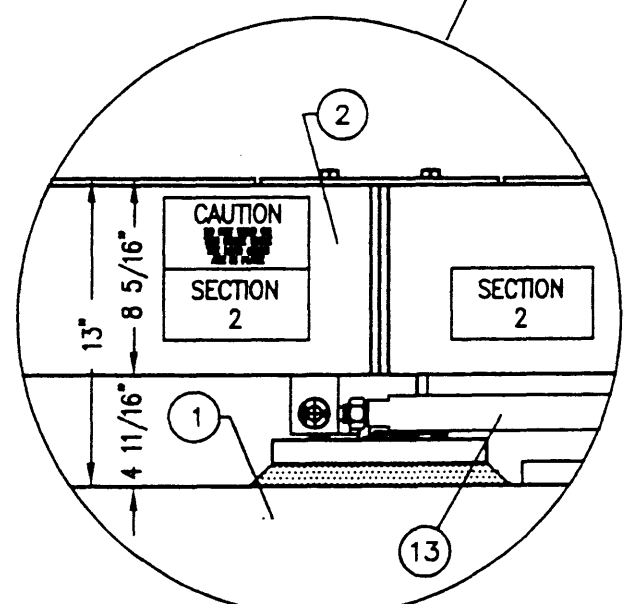
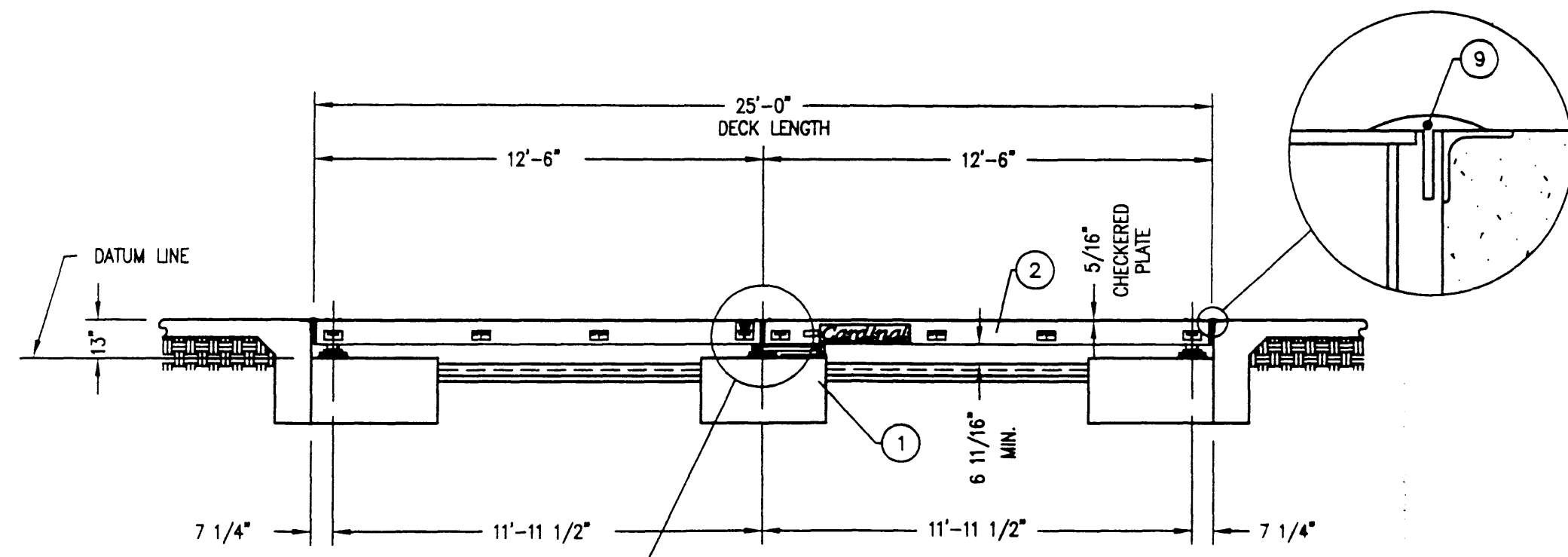
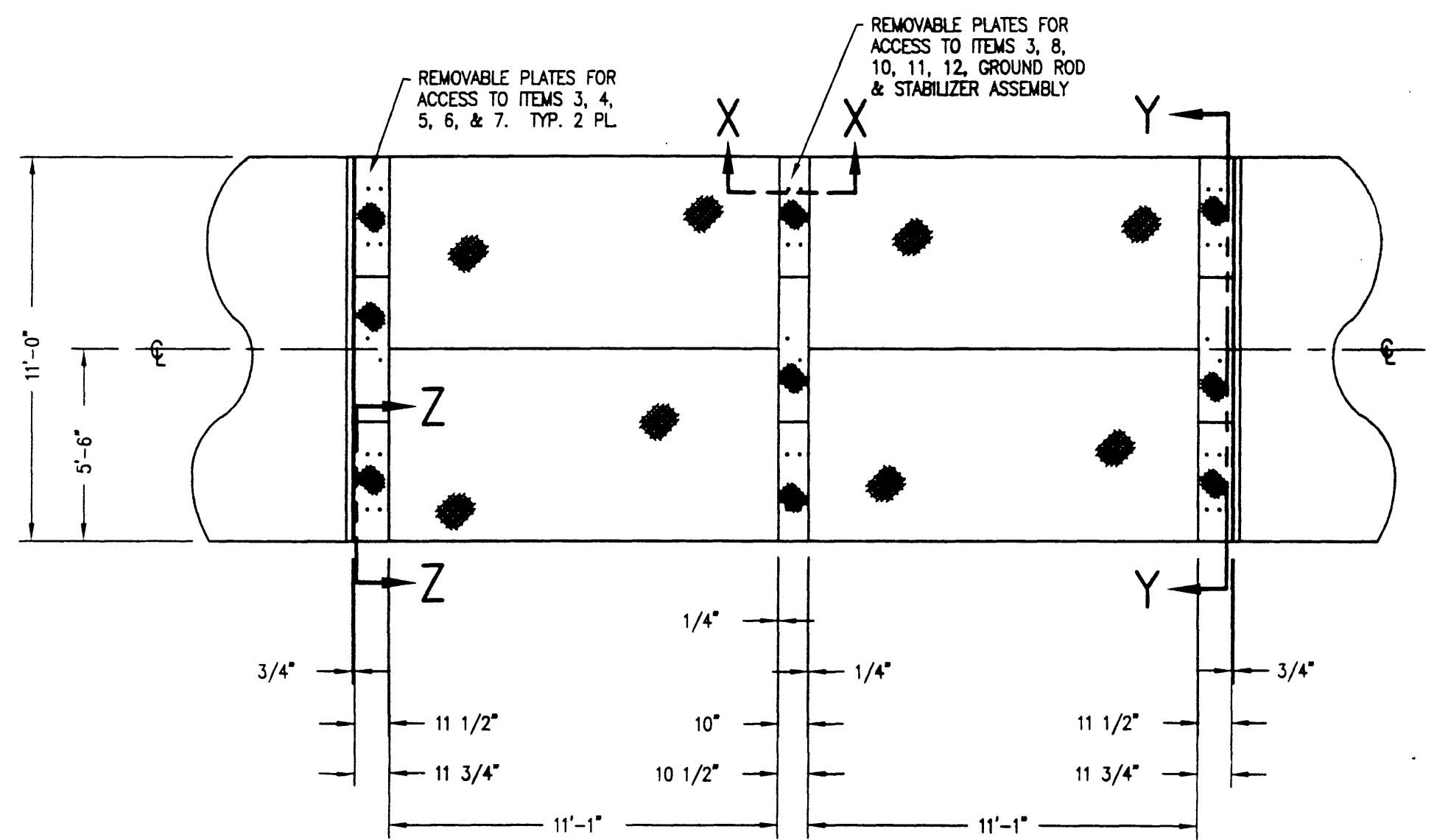
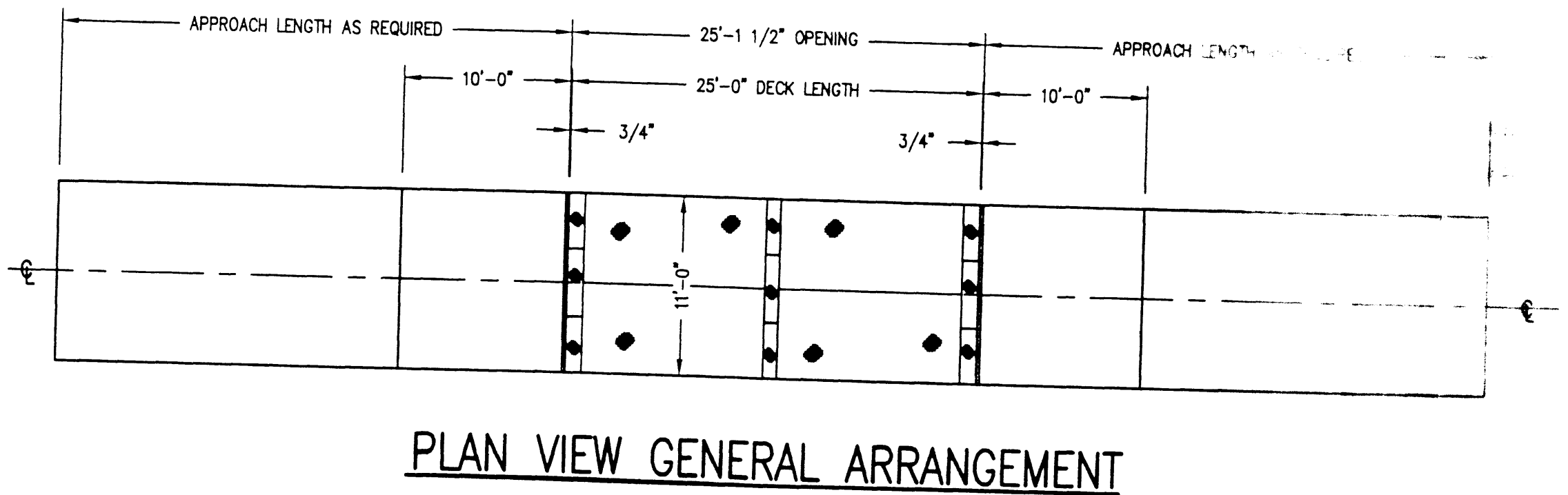


REVISION RECORD

LTR	DESCRIPTION	DATE
A	RELEASED	11/28/01

IMPORTANT! If your scale is equipped with access ways, such as manholes, it is the users responsibility to provide proper protection such as barriers, during the time they are open or removed.



- NOTES:**
- CAUTION: DO NOT WELD ON THE SCALE WHILE THE LOAD CELLS ARE IN PLACE.
 - REFER TO THE INSTALLATION MANUAL FOR PROPER ELECTRICAL GROUNDING SPECIFICATIONS.
 - THE WEIGHBRIDGE IS SUPPLIED IN TWO MODULES. MAXIMUM LIFT PER MODULE IS 4,300 POUNDS.
 - ADJUST THE LOAD CELL ASSEMBLIES TO THE PROPER ELEVATION AND GROUT IN PLACE. GROUT SHALL BE OF AN APPROVED NON-SHRINKING EPOXY TYPE ONLY. REF. U.S. GROUT CORP., 5-STAR; Sika CHEMICAL; REYNORD; OR EQUAL.
 - ALL LATERAL STABILIZERS SHALL BE LEVEL AND TRUE TO PLANE BOTH HORIZONTALLY AND VERTICALLY AFTER THE SCALE HAS BEEN COMPLETELY SET.
 - THE WEIGHT INDICATOR IS SHOWN ON A SEPARATE DRAWING.
 - SAFETY BARRIERS ARE A USER/OWNER RESPONSIBILITY TO PREVENT VEHICLES FROM RUNNING OFF THE SIDES OF THE SCALE. FOR THE SAFETY OF VEHICLES USING THIS SCALE, SIDE RAILS AND/OR PROTECTIVE POSTS ARE AVAILABLE AS OPTIONAL EQUIPMENT.
 - THE 6 11/16" MINIMUM CLEARANCE UNDER THE SCALE MUST BE MAINTAINED THE FULL LENGTH OF THE SCALE EXCEPT AT THE LOAD CELL PIER AREAS.
 - REMOVE COTTER PINS, WASHER AND CLEVIS PINS FROM ROO ENDS. POSITION ONE ROO END INTO CLEVIS ON STABILIZER PLATE AND REPLACE ONE CLEVIS PIN, WASHER AND COTTER PIN. THEN POSITION THE WEIGHBRIDGE IN PLACE. LOOSEN HEX NUT ON THE OTHER END OF THE STABILIZER AND ADJUST THE ROO END TO THE PROPER LENGTH. THEN POSITION THE ROO END INTO THE STABILIZER PLATE AND REPLACE THE CLEVIS PIN, WASHER AND COTTER PIN. TIGHTEN THE HEX NUT IN PLACE. REPEAT FOR THE OTHER SIDE. THERE SHALL BE NO MOVEMENT IN THE SCALE AFTER THE STABILIZERS HAVE BEEN PROPERLY ADJUSTED.
 - CARDINAL SCALE MFG. CO. RECOMMENDS THAT THE CUSTOMER INSTALL PROTECTIVE CONDUIT/COVER FOR THE LOAD CELL CABLES WHENEVER THE CONDITION IS PRESENT THAT CAN RESULT IN DAMAGE OR ABRASION TO THE LOAD CELL CABLES.
 - WRAP EXCESS LOAD CELL CABLES AROUND CABLE BRACKETS. THE CABLE BRACKETS ARE LOCATED UNDER THE ACCESS COVERS.

Certified For Construction
 So 242549 Date 11-29-01 By CSW
 This dwg. supersedes all previous dwgs.

QTY.	QTY.	QTY.	ITEM	PART/DWG. NUMBER	DESCRIPTION	MATERIAL OR SOURCE
2	13	0147-B422-0A	STABILIZER ASSEMBLY			
2	12	6024-0039	LOCK WASHER	1/4"		
2	11	6013-0045	HEX NUT	1/4"-20 UNC-2B		
2	10	8007-0011	HEX HEAD BOLT	1/4"-20 UNC-2A X 1"		
22	FT	9	6540-0002	RUBBER STRIP		
1	8	3502-0362-1A	INTERCONNECTION ASSEMBLY			
16	7	6013-0165	HEX NUTS	1"-8 UNC-2B		
8	6	0145-B011-0A	SPHERICAL WASHER			
2	5	0145-C008-0A	LATERAL STABILIZER BRACKETS--TALL			
2	4	0147-B162-08	LATERAL STABILIZER	52"		
6	3	2970-C086-0A	LOAD CELL SUPPORT ASSEMBLY		SEE INSTALLATION MANUAL	
1	2	MD42549 SHT 3	SCHEMATIC			
1	1	MD42549 SHT 2	FOUNDATION PLAN			

UNLESS OTHERWISE SPECIFIED TOLERANCE ON DIMENSIONS ARE:
 ANGLES ± 1/2"
 INTEGERS/FRACTIONS ± 1/16 IN.
 DECIMALS (.X) ± .03 IN.
 DECIMALS (.XX) ± .01 IN.
 DECIMALS (.XXX) ± .005 IN.
 NOTE: WHOLE NUMBERS MUST BE WRITTEN XXX.000 TO INVOKE DECIMAL TOLERANCES.

THIS DRAWING IS THE PROPERTY OF THE CARDINAL SCALE MFG. CO. AND SHALL NOT BE USED NOR REPRODUCED EITHER WHOLLY OR IN PART.

Cardinal
 Cardinal Scale Manufacturing Co.
 11201 E. MISSOURI, MISSOURI 64117-2970

TITLE: FINAL ASSEMBLY: FULL ELECTRONIC, HIPLESS TRUCK SCALE; 3-SECT; 40 TON CAP; 30' X 11' X 5/16" CHECKERED

SCALE: 1/4" = 12" DO NOT SCALE DRAWING

DR. TARNOWECKY1 DATE 11/28/01

CH. 11/28/01 DATE 11/28/01

MODEL: SE25PRC-1
 NOMINAL CAPACITY: 35 TONS
 U.S.—CONCENTRATED LOAD CAPACITY: 30 TONS
 CANADA—SECTIONAL CAPACITY: 37.5 TONS
 CANADA—S.W.A. NO.: -14137
 SERIAL NUMBER: B42549

NOMINAL CAPACITY IS THE GROSS CAPACITY AS ASSIGNED BY THE MANUFACTURER.

CONCENTRATED LOAD CAPACITY (CLC) AS DESIGNATED BY THE MANUFACTURER, IS THE LOAD WHICH CAN BE PLACED ANYWHERE ON THE PLATFORM IN THE PRESCRIBED TEST PATTERN.

SECTIONAL CAPACITY IS THE MAXIMUM LANDING FOR EACH PAIR OF LOAD CELLS IN ADJACENT PLATFORMS (SPANS) ARE CHANGED.