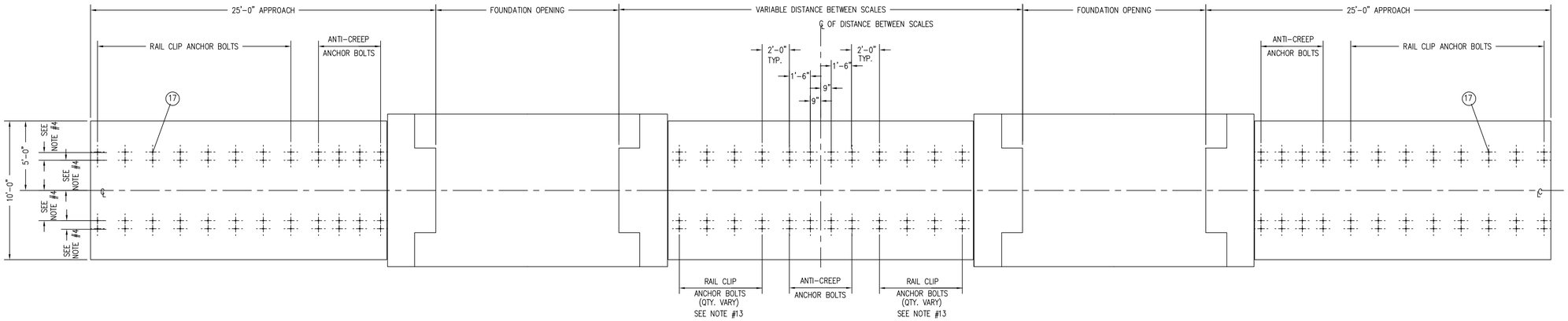
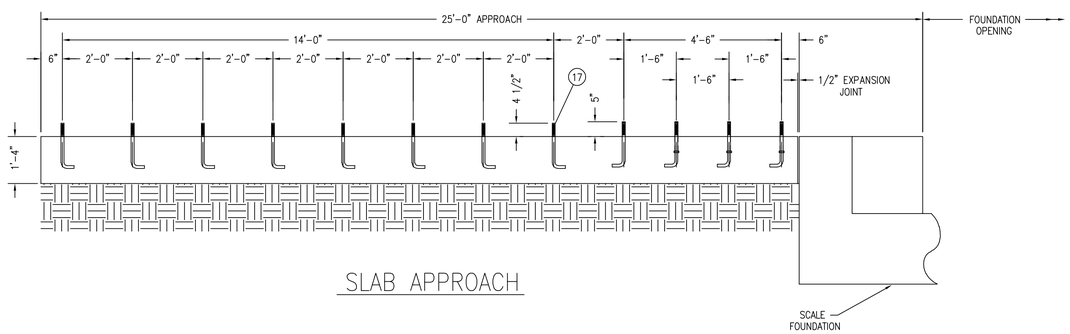
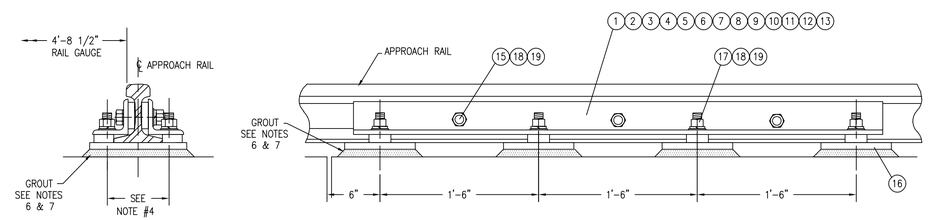
REVISION RECORD			
LTR	DESCRIPTION	DATE	BY
E	ANTI-CREEP DEVICES: ADDED ITEM 15. ECO: #14188	-94	
F	2'-0" ANCHOR BOLT DIM. WAS 2'-6"	8-14 -95	14609 KA/ONM
G	ITEM 17 WAS 6007-0351 HEX HEAD BOLT		15666 JAT



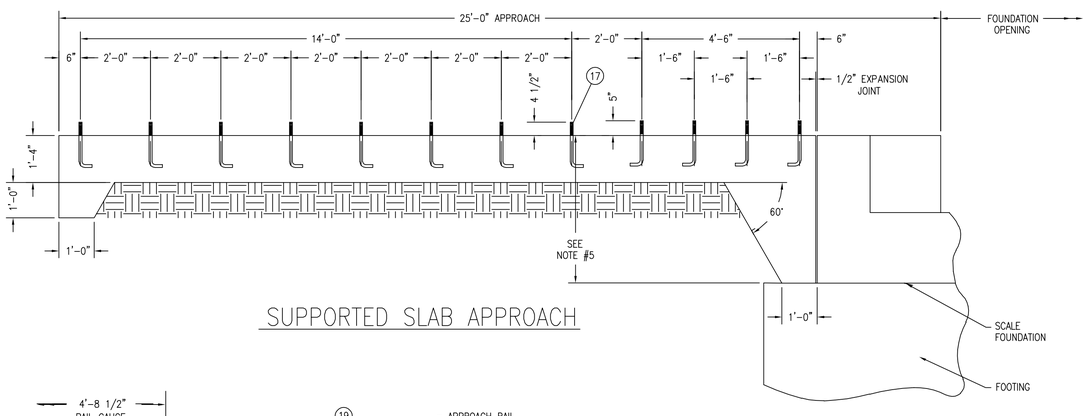
GENERAL ARRANGEMENT



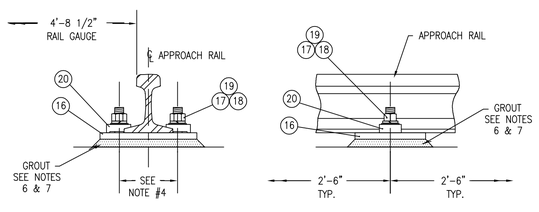
SLAB APPROACH



ANTI-CREEP DEVICE



SUPPORTED SLAB APPROACH



RAIL CLIP FASTENING

NOTES:

1. CARDINAL SCALE MFG. CO. SHALL NOT BE RESPONSIBLE FOR THE STABILITY OF THE APPROACHES.
2. ALL ITEMS SHOWN IN THE MATERIAL LIST ARE "OPTIONAL EQUIPMENT" AND ARE FURNISHED BY CARDINAL SCALE MFG. CO. ONLY WHEN SPECIFIED ON THE SALES ORDER.
3. WORK FROM THE CENTERLINE WHEN ERECTING FORMS AND SETTING ANCHOR BOLTS. THE TOPS OF THE APPROACH SHALL BE SMOOTH, LEVEL, AND TRUE TO PLANE.
4. ANCHOR BOLT CENTER DIMENSIONS WILL VARY DEPENDING ON RAIL SIZE AND RAIL CLIP TO BE USED. THE CUSTOMER SHALL SPECIFY THE RAIL SIZE AND RAIL CLIP USED.
5. THIS DIMENSION IS DETERMINED BY THE DEPTH OF THE SCALE FOUNDATION. REFER TO THE PROPER CARDINAL SCALE FOUNDATION DRAWING FOR THE CORRECT DIMENSION. APPROACH & FOUNDATION TO REST ON COMMON FOOTING.
6. THE TOP OF THE APPROACH RAILS AND THE TOP OF THE WEIGH RAILS SHALL BE IN THE SAME PLANE. GROUT TO ACHIEVE THE SAME ELEVATION.
7. GROUT SHALL BE OF AN APPROVED NON-SHRINKING EPOXY TYPE, REF. SIKA CHEMICAL CORP., U.S. GROUT CORP. 5-STAR, REXNORD OR EQUAL.
8. THE APPROACH SLABS OF CONCRETE SHALL BE BUILT TO EXTEND AT LEAST 25 FEET FROM THE FOUNDATION FACE OF THE END WALLS AND BACK UNDER THE TRACK TO PRESERVE LINE AND SURFACE OF TRACKS.
9. WHERE NECESSARY TO OBTAIN SAFE BEARING CAPACITY, THE APPROACH SLAB SHALL EXTEND TO THE SAME DEPTH AS THE FOUNDATION.
10. ON APPROACHES WHERE A COMMON FOOTING IS REQUIRED, THE FOOTING SHALL BE BELOW THE FROST LINE.
11. ALL OF THE SUBGRADE BENEATH THE APPROACHES SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY.
12. SCALES SHALL BE SO LOCATED THAT AN ADEQUATE FOUNDATION AND AT LEAST 75 FEET OF TANGENT TRACK AT EACH APPROACH TO THE WEIGHRAILS CAN BE PROVIDED.
13. ON ITEMS 16 THRU 20, QUANTITIES MAY VARY DEPENDING ON DISTANCE BETWEEN THE SCALES.

APPROACH RAIL HARDWARE OVER 1" THAN ABOVE SIZED DEVICE △F		96	96	96	96	96	96	96	96	96	96	96	96	96	20		RAIL CLIP	MIDWEST STEEL K-26	1.3
		162	162	162	162	162	162	162	162	162	162	162	162	162	19	6024-0060	LOCK WASHER	1"	0.08
		162	162	162	162	162	162	162	162	162	162	162	162	162	18	6013-0165	HEX NUT	1"-8 UNC-2B	0.29
		144	144	144	144	144	144	144	144	144	144	144	144	144	17	0849-B091-08	ANCHOR BOLT		4.09
		72	72	72	72	72	72	72	72	72	72	72	72	72	16	0819-C042	RAIL PLATE	REF. 3/4" X 8" X 11"	18.7
		18	18	18	18	18	18	18	18	18	18	18	18	18	15	6007-0373	HEX HEAD BOLT	1"-8 UNC-2A X 5"	1.47
															14				
		12													13	0819-C060-0A	ANTI-CREEP DEVICE	REF. 110# A.R.E.A. RAIL	109.8
			12												12	0819-C058-0A	ANTI-CREEP DEVICE	REF. 90# A.S.C.E. RAIL	94.2
				12											11	0819-C056-0A	ANTI-CREEP DEVICE	REF. 130# P.S. RAIL	111.5
					12										10	0819-C041	ANTI-CREEP DEVICE	REF. 107# NEW HAVEN RAIL	106.6
						12									9	0819-C040	ANTI-CREEP DEVICE	REF. 133# A.R.E.A. RAIL	111.0
							12								8	0819-C039	ANTI-CREEP DEVICE	REF. 100# P.S. RAIL	72.5
								12							7	0819-C038	ANTI-CREEP DEVICE	REF. 90# A.R.A.-A. RAIL	105.8
									12						6	0819-C037	ANTI-CREEP DEVICE	REF. 132# A.R.E.A. RAIL	113.5
										12					5	0819-C036	ANTI-CREEP DEVICE	REF. 115# A.R.E.A. RAIL	112.5
											12				4	0819-C035	ANTI-CREEP DEVICE	REF. 112# A.R.E.A. RAIL	112.5
												12			3	0819-C034	ANTI-CREEP DEVICE	REF. 100# A.R.E.A. RAIL	108.3
													12		2	0819-C033	ANTI-CREEP DEVICE	REF. 100# A.R.A.-A. RAIL	107.4
														12	1	0819-C032	ANTI-CREEP DEVICE	REF. 100# A.S.C.E. RAIL	104.6
	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	ITEM	PART/DWG. NUMBER	DESCRIPTION	MATERIAL OR SOURCE	WT. EACH
		-62	-61	-60	-59	-58	-57	-56	-55	-54	-53	-52	-51	-50	ASSY				
															WT.	PARTS/MATERIAL LIST			

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 XX.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 EXCEPT WITH WRITTEN AUTHORIZATION. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.

Cardinal
Cardinal Scale Manufacturing Co.
WEBB CITY, MISSOURI USA 64870

CARDINAL
DETECTO
FULLER WEIGHING SYSTEMS

TITLE RECOMMENDED APPROACHES WITH ANTI-CREEP DEVICE AND RAIL CLIP FASTENING

SCALE NONE	DO NOT SCALE DRAWING	NEXT ASSEMBLY	
DR. JAT	DATE 11/5/86		
CH. C WALLS JR.	DATE 6 NOV 86		
MODEL LPR & LPRA	SHEET 1 OF 1	DWG. NO. 0860-D007	REV. G

Generated by Cardinal/Detecto Computer-Aided Drafting System