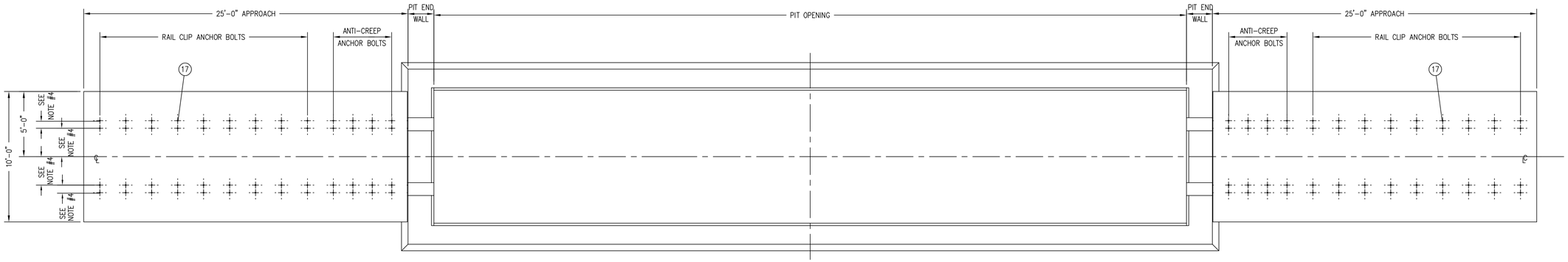
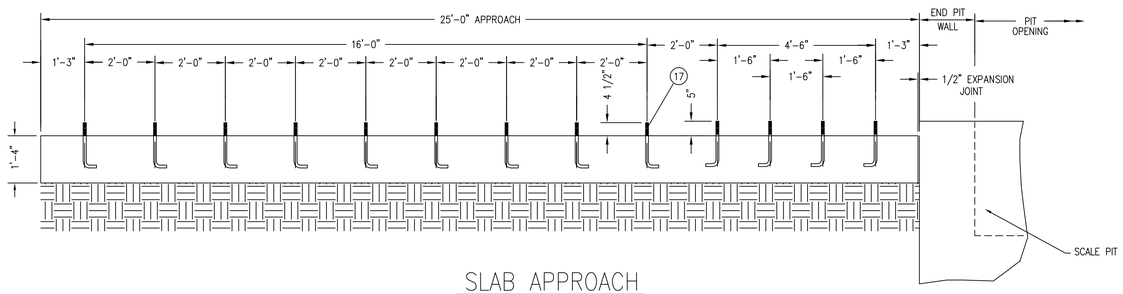
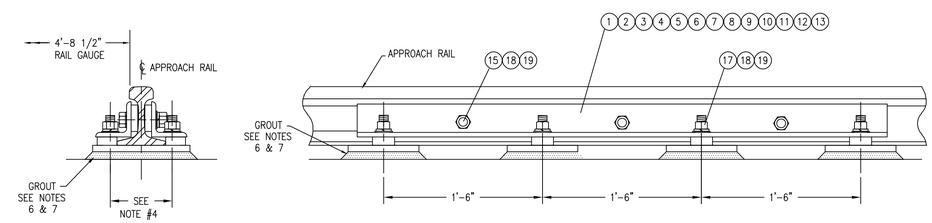
REVISION RECORD			
LTR	DESCRIPTION	DATE	BY
K	CHANGED ITEMS 1 THRU 13 TO INDIVIDUAL ANTI-CREEP DEVICES. ADDED ITEM 15 ECO: #14188	11-14-94	KA
L	2'-0" ANCHOR BOLT DIM. WAS 2'-6"	8-11-95	14609 KA/ONM
M	NOTE 13 DID READ "15 FEET OF TANGENT TRACK"	11/8/95	14739 JAT/ONM
N	ITEM 17 WAS 6007-0351 HEX HEAD BOLT		15666 JAT



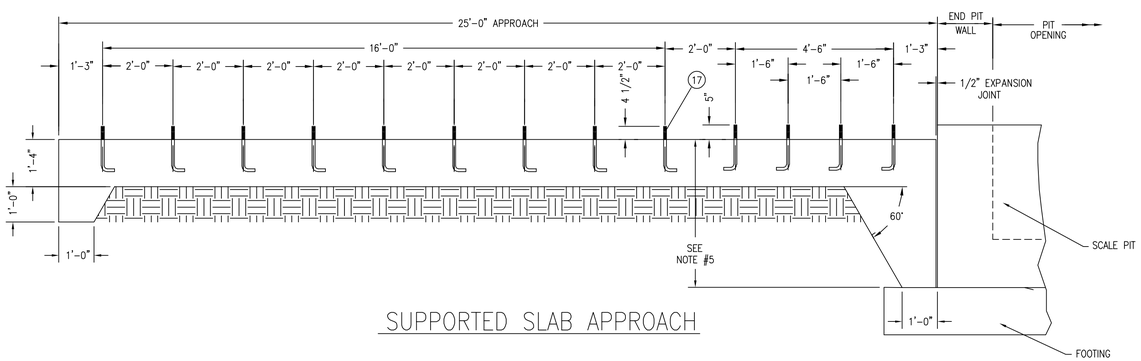
GENERAL ARRANGEMENT



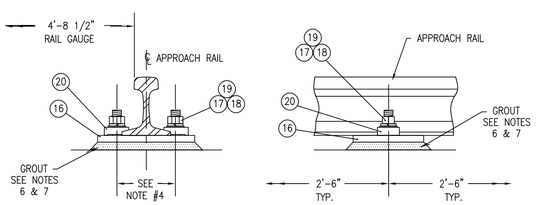
SLAB APPROACH



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. WHEN THE TRACK IS USED AS A COMBINATION RAILWAY TRACK -- MOTOR TRUCK SCALE. THE APPROACH SURFACES SHALL BE RAISED TO THE SAME ELEVATION AS THE PIT WALL THE RAIL ELEVATION SHALL REMAIN AS SHOWN.
13. △N 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.

APPROACH RAIL HARDWARE OTHER THAN ANTI-CREEP DEVICE △N		72	72	72	72	72	72	72	72	72	72	72	72	20		RAIL CLIP	MIDWEST STEEL K-26	1.3
		116	116	116	116	116	116	116	116	116	116	116	116	19	6024-0060	LOCK WASHER	1"	0.08
		116	116	116	116	116	116	116	116	116	116	116	116	18	6013-0165	HEX NUT	1"-8 UNC-2B	0.29
		104	104	104	104	104	104	104	104	104	104	104	104	17	0849-B091-08	ANCHOR BOLT		4.09
		52	52	52	52	52	52	52	52	52	52	52	52	16	0819-C042	RAIL PLATE	REF. 3/4" X 8" X 11"	18.7
		12	12	12	12	12	12	12	12	12	12	12	12	15	6007-0373	HEX HEAD BOLT	1"-8 UNC-2A X 5"	1.47
														14				
		8												13	0819-C060-0A	ANTI-CREEP DEVICE	REF: 110# A.R.E.A. RAIL	109.8
			8											12	0819-C058-0A	ANTI-CREEP DEVICE	REF: 90# A.S.C.E. RAIL	94.2
				8										11	0819-C056-0A	ANTI-CREEP DEVICE	REF. 130# P.S. RAIL	111.5
					8									10	0819-C041	ANTI-CREEP DEVICE	REF. 107# NEW HAVEN RAIL	106.6
						8								9	0819-C040	ANTI-CREEP DEVICE	REF. 133# A.R.E.A. RAIL	111.0
							8							8	0819-C039	ANTI-CREEP DEVICE	REF. 100# P.S. RAIL	72.5
								8						7	0819-C038	ANTI-CREEP DEVICE	REF. 90# A.R.A.-A. RAIL	105.8
									8					6	0819-C037	ANTI-CREEP DEVICE	REF. 132# A.R.E.A. RAIL	113.5
										8				5	0819-C036	ANTI-CREEP DEVICE	REF. 115# A.R.E.A. RAIL	112.5
											8			4	0819-C035	ANTI-CREEP DEVICE	REF. 112# A.R.E.A. RAIL	112.5
												8		3	0819-C034	ANTI-CREEP DEVICE	REF. 100# A.R.E.A. RAIL	108.3
													8	2	0819-C033	ANTI-CREEP DEVICE	REF. 100# A.R.A.-A. RAIL	107.4
													8	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.

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Cardinal
Cardinal Scale Manufacturing Co.
MERRI 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 11/5/87		
CH. C WALLS JR	DATE 9 NOV 87		
MODEL	SHEET 1 OF 1	DWG. NO. 0810-D005	REV. N

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