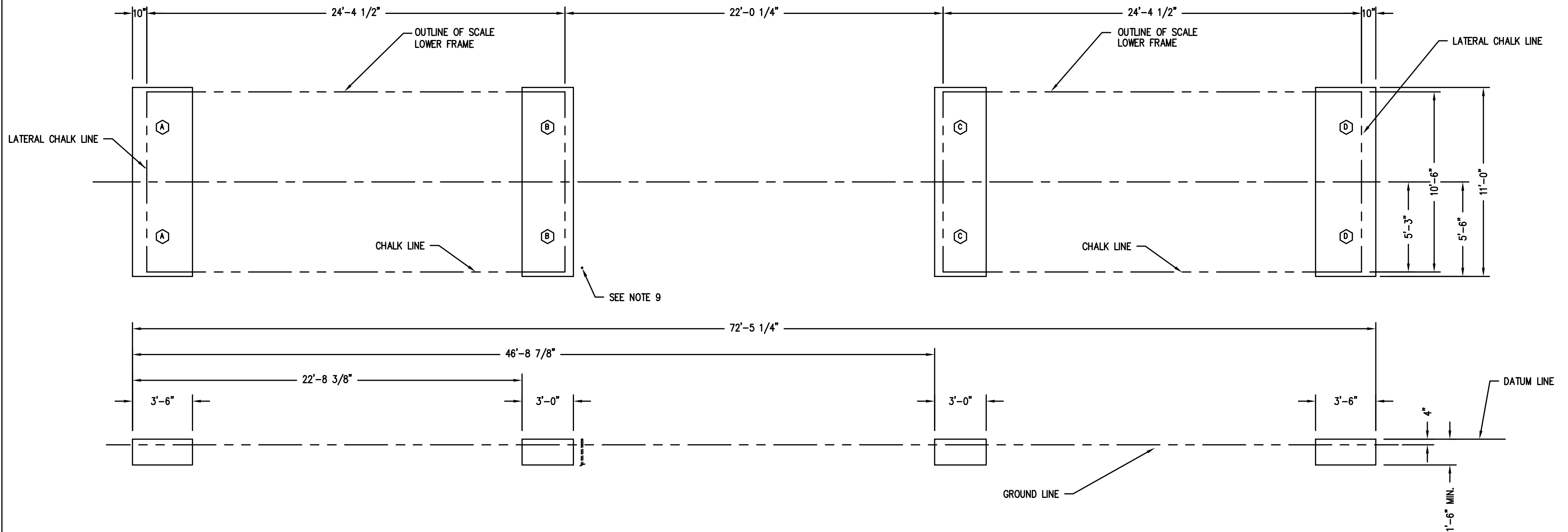


PIER LOADINGS AT SECTIONAL CAP.	
A	37.9 KIPS
B	39.8 KIPS
C	39.8 KIPS
D	37.9 KIPS

REVISION RECORD			
LTR	DESCRIPTION	DATE	BY
A	RELEASED FOR PRODUCTION	7/22/98	MLS
B	ADDED NOTE 9	1/14/99	16545 RN/MLS
C	REVISED TO FIT LOWER FRAME CHANGES	1/31/00	20516 JAT



NOTES:

- 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 PIERS AS REQUIRED. FOOTINGS SHALL BE BELOW FROST LINE.
- THE TOPS OF ALL PIERS SHALL BE IN A LEVEL PLANE AND A MINIMUM OF 4 INCHES ABOVE THE GROUND LINE.
- 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 SURFACE OF THE PIERS.
- THE CONTRACTOR SHALL CONTACT STATE WEIGHTS AND MEASURES DIVISION FOR STATE REQUIREMENTS. (SOME STATES REQUIRE SPECIAL PIER DEPTHS.)
- CARDINAL SCALE MFG. CO. SHALL NOT BE RESPONSIBLE FOR THE STABILITY OF THE PIERS.
- APPROXIMATELY 8 CUBIC YARDS OF CONCRETE REQUIRED.
- 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 APPROACH AS FOLLOWS:
 - AT LEAST THE WIDTH OF THE PLATFORM
 - AT LEAST ONE-HALF THE LENGTH OF THE PLATFORM BUT NOT REQUIRED TO BE MORE THAN 40 FEET
 - 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.
- CONSTRUCT CHALK LINES AS SHOWN BEFORE PLACING THE SCALE.
- THE (HOME RUN) CABLE, FROM THE L.C.'S TO THE INSTRUMENT, MUST BE INSTALLED IN A PROTECTIVE CONDUIT OR COVER. THE CABLE MUST BE A MINIMUM OF 24" FROM ALL A.C. ELECTRICAL LINES. (THEY MAY CROSS @ 90° ONLY)

QTY.	QTY.	QTY.	ITEM	PART/DWG. NUMBER	DESCRIPTION	MATERIAL OR SOURCE	WT. EACH
			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.

Cardinal
 Cardinal Scale Manufacturing Co.
 WEBB CITY, MISSOURI, U.S.A. 64870

CARDINAL DETECTO FULLER WEIGHING SYSTEMS

TITLE PIER PLAN: 4-SECTION STEEL PLATE DECK; SELF-CONTAINED ELECTRONIC MOTOR TRUCK SCALE

SCALE 1/4" = 1' DO NOT SCALE DRAWING NEXT ASSEMBLY 0102-D122-0A

DR. MLS DATE 7/24-98
 CH. MLS DATE 7/24/98

MODEL 12070-EPR-LF SHEET 1 OF 1 DWG. NO. 0102-C121-0A REV. C

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