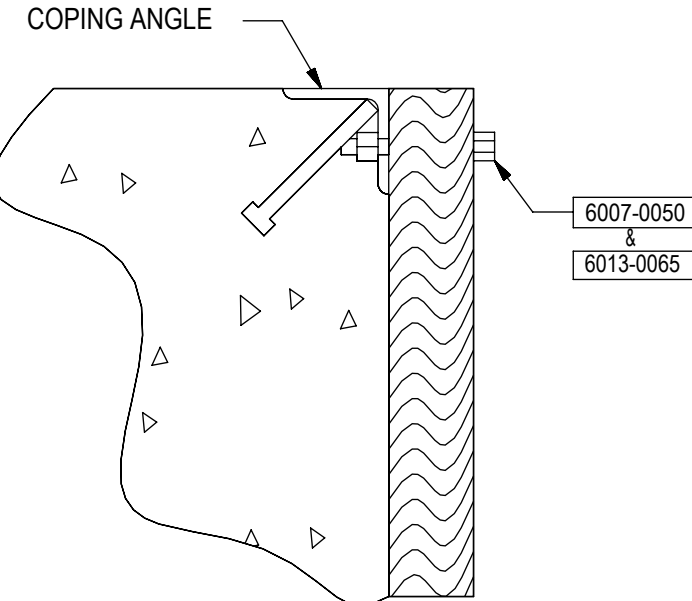
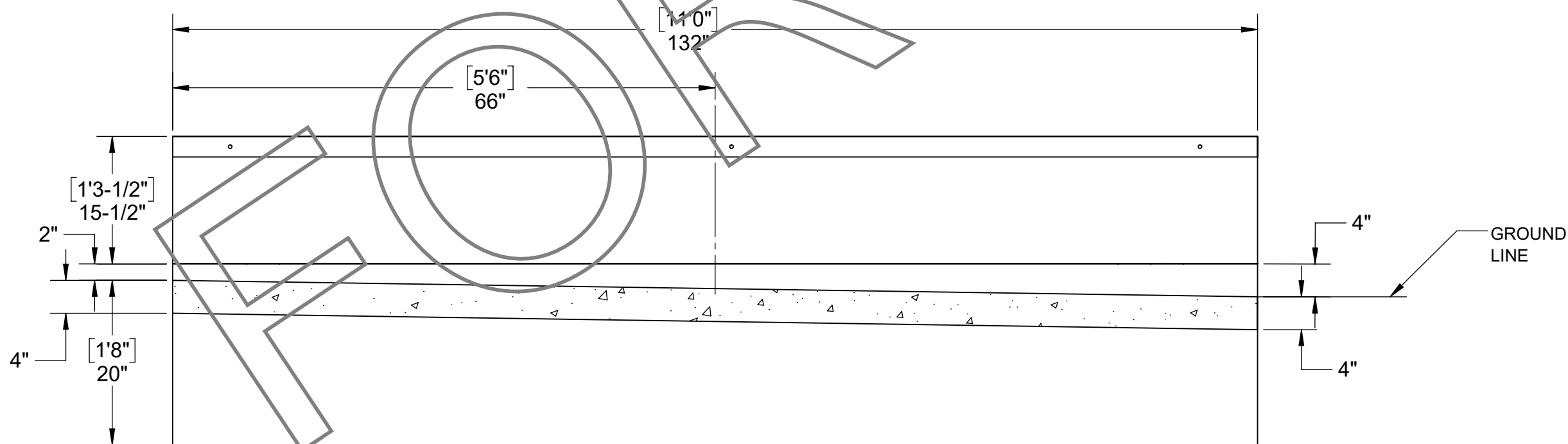
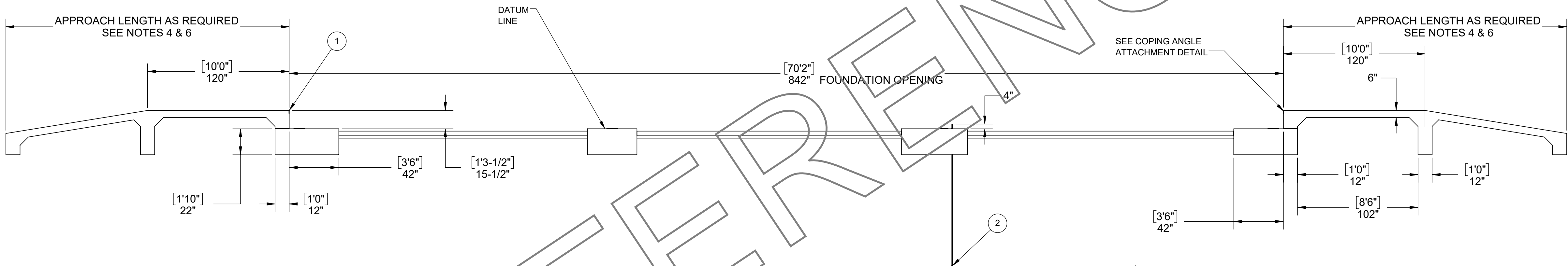
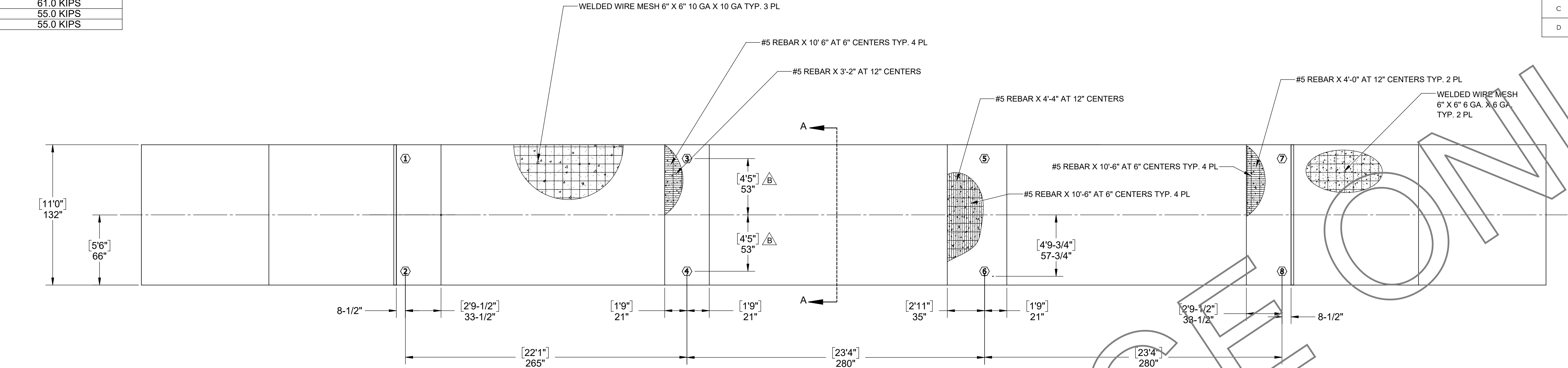



PIER LOADINGS AT 50 TON CLC	
LOAD CELL	LOADING
1	55.0 KIPS
2	55.0 KIPS
3	61.0 KIPS
4	61.0 KIPS
5	61.0 KIPS
6	61.0 KIPS
7	55.0 KIPS
8	55.0 KIPS

REVISION RECORD				
LTR	DESCRIPTION	DATE	ECO	BY
A	RELEASE FOR PRODUCTION	6/5/18	28697	DD
B	LOAD CELL WIDTH SPAN WAS 8'-4" CHANGED TO 8'-10" CHANGED NOTE 1 TO ITEM 1 THROUGH 3	6/22/2018	28836	ADB
C	REMOVED CONDUIT STUD ITEM # WAS 1001274	1/10/2019	29125	ADB
D	UPDATED NOTE 8, 10 ADDED NOTE 13.	7/17/2019	21277	RMW



- NOTES:
- ITEMS 1 THROUGH 3 ARE FURNISHED BY CARDINAL SCALE MFG. CO. AS NOTED.
  - THE SCALE FOUNDATION AS SHOWN IS SUFFICIENT FOR FIRM SOIL AND GOOD CONCRETE. THE MINIMUM SOIL BEARING SHALL BE 3,000 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 THE FOUNDATION AS REQUIRED. THE FOOTING SHALL BE BELOW THE FROST LINE.
  - CARDINAL SCALE MFG. CO. SHALL NOT BE RESPONSIBLE FOR THE STABILITY OF THE FOUNDATION.
  - THE FOUNDATION CONTRACTOR SHALL CONTACT THE STATE WEIGHT AND MEASURES DIVISION FOR STATE FOUNDATION REQUIREMENTS.
  - WORK FROM THE CENTERLINE WHEN ERECTING FORMS AND SETTING BOLTS. 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 AND LEVEL APPROACH AS FOLLOWS:  
(A) AT LEAST THE WIDTH OF THE PLATFORM AND  
(B) AT LEAST ONE-HALF THE LENGTH OF THE PLATFORM BUT NOT REQUIRED TO BE MORE THAN 40 FEET, AND  
(C) 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.
  - EXCAVATION AND CONCRETE REQUIRED FOR SCALE FOUNDATION AS SHOWN: MAIN PIERS: 10.4 CU. YDS. EXCAVATION: 13.0 CU. YDS. CONCRETE SLAB FLOOR: 5.7 CU. YDS. EXCAVATION: 7.5 CU. YDS CONCRETE APPROACHES: (10'-0" EACH END): 1.1 CU. YDS. FILL; 3.7 CU. YDS. CONCRETE
  - TRANSMISSION CABLE FROM LOAD CELL TO INDICATOR SHALL BE IN 1 1/2" MINIMUM SIZE CONDUIT AT LEAST 24" FROM THE CLOSEST ELECTRICAL LINE. THEY MAY CROSS AT 90° ONLY. CONDUIT NOT SUPPLIED BY CARDINAL SCALE MFG. CO., CONDUIT STUD SHOWN FOR REFERENCE ONLY. LOCATE CONDUIT PER SITE REQUIREMENTS.
  - CAUTION: DO NOT WELD ON THE STRUCTURE WHILE THE LOAD CELLS ARE IN THE SYSTEM.
  - REFER TO DRAWING 3502-0671-GS FOR PROPER ELECTRICAL GROUNDING SPECIFICATIONS. GROUNDING ROD LOCATION SHOWN FOR REFERENCE ONLY. GROUNDING ROD LOCATION PER SITE REQUIREMENTS.
  - REINFORCING ROD AND WELDED WIRE MESH ARE NOT FURNISHED BY CARDINAL SCALE MFG. CO. THE REBAR SHALL CONFORM TO ASTM A-185.
  - TOP OF PIERS ARE TO BE SMOOTH AND LEVEL WITHIN ±1/8". (ALL PIERS ARE TO BE WITHIN 1/4".)
  - DO NOT PLACE REBAR IN LOAD CELL/CHECK STAND AREA APROXIMATELY 6 INCHES IN DIAMETER WITH A MINIMUM OF 9 INCHES DEEP TO CLEAR STAND ANCHORS.

ITEM NO.	QTY	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	2	0331-0106-0A	COPING ANGLE, END PIT 11" 0"		45.734
2	6	6007-0050	BLT HEX HD 3/8-16x1 1/2" TAP BOLT G2 2/P	3/8"-16 x 1 1/2" TAP BOLT G2 2/P	0.01
3	6	6013-0065	NUT 3/8-16 HEX 2/P	HEX NUT 3/8-16 2/P	0.002
4	1	6980-0054	GROUND ROD .625" DIA X 10 FT.	5/8" DIA. X 10'-0"	11.837
TOTAL WEIGHT:					103.378 LBS
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 DETECTO FULLER WEIGHING SYSTEMS		
					
TITLE			FOUNDATION PLAN (840 X 132: 50 TON CLC)		
SCALE		N.T.S.	DO NOT SCALE DRAWING	DWG. NO.	PARENT MODEL
DR.	DD	DATE	4/9/18	D	ARMOR
CH.		DATE		SHEET 1	OF 1
ITEM	1010627		DWG. NO.		REV. D
			0330-0451-0A		