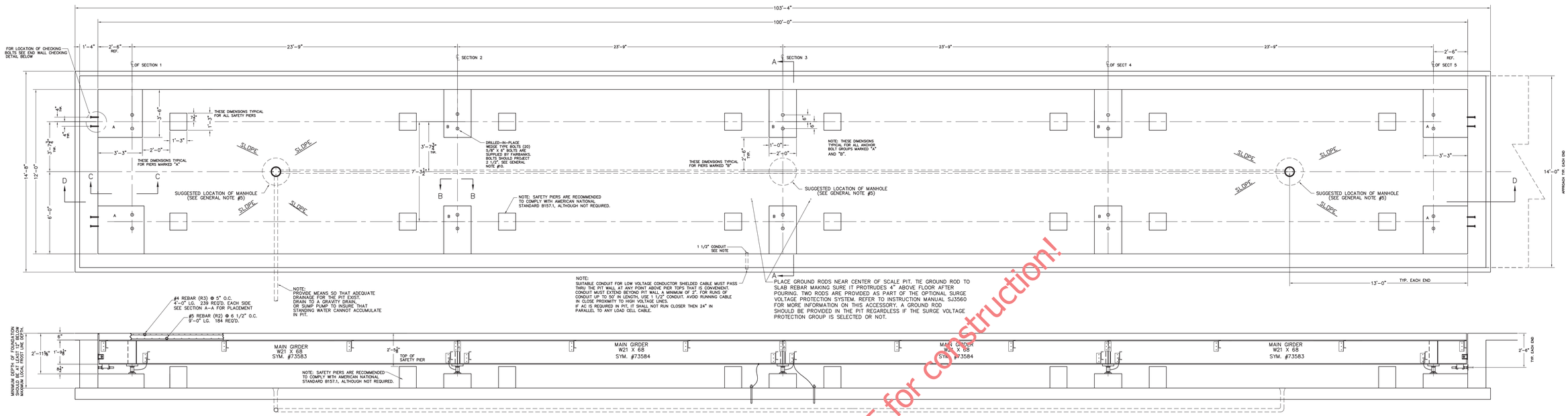
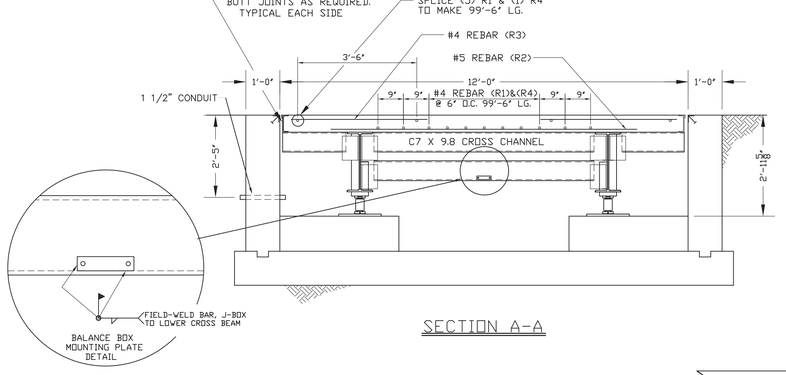
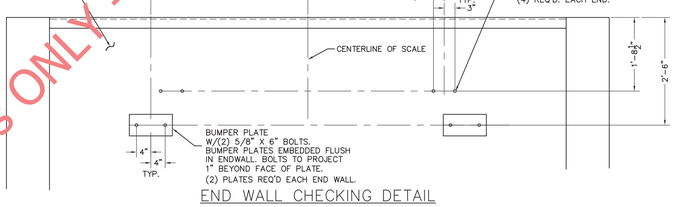


SECTION D-D

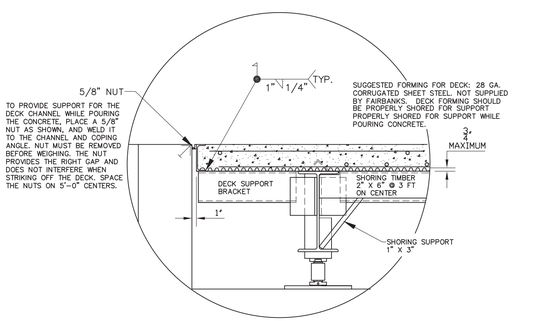


SECTION A-A

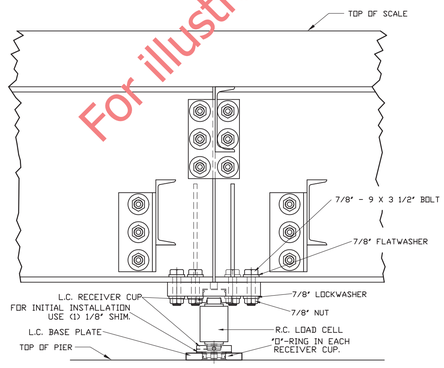
DECK REINFORCING (SUPPLIED BY FAIRBANKS)				
MARK	QTY.	SIZE	DESCRIPTION	WT.
R1	75	#4	20'-0"	1002
R2	184	#5	9'-0"	1727
R3	478	#4	4'-0"	1276
R4	15	#4	10'-0"	100
REBAR BUNDLE # 73987				



END WALL CHECKING DETAIL

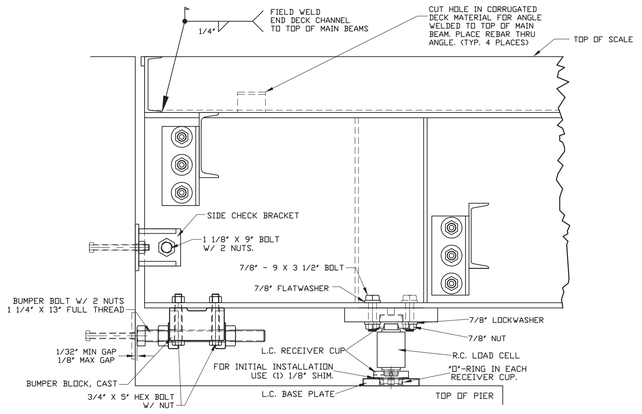


DECK FORMING DETAIL



LOAD CELL CENTER ASSEMBLY DETAIL

VIEW B-B



VIEW C-C

LOAD CELL END ASSEMBLY DETAIL W/ END CHECKING DETAIL

GENERAL NOTES:

1. EXCAVATION, FOUNDATION FORMS, FOUNDATION REBAR, AND ALL CONCRETE IS TO BE FURNISHED BY CONTRACTOR OR CUSTOMER OR AS CONTRACTED. REINFORCED FOUNDATION DRAWINGS SUITABLE FOR NORMAL INSTALLATION ARE AVAILABLE UPON REQUEST.
2. THE PIT DIMENSIONS AS SHOWN ARE THE MINIMUM REQUIRED TO ACCOMMODATE THE SCALE. N.I.S.T. REQUIREMENTS AND LOCAL WEIGHTS AND MEASURE REGULATIONS MAY SPECIFY ADDITIONAL INSTALLATION REQUIREMENTS. IN ORDER TO INSURE COMPLIANCE, CONSULT THE GOVERNING WEIGHTS AND MEASURE DEPARTMENT PRIOR TO INSTALLATION.
3. TO COMPLY WITH SPECIFICATIONS OF N.I.S.T., ANY ENDS OF A VEHICLE SCALE INSTALLED IN ONE LOCATION FOR A PERIOD OF SIX MONTHS OR MORE SHALL HAVE A STRAIGHT APPROACH AT LEAST AS WIDE AS THE PLATFORM AND AT LEAST ONE-HALF THE LENGTH OF THE PLATFORM. NOT LESS THAN 10 FEET ON ANY APPROACH ADJACENT TO THE PLATFORM SHALL BE CONSTRUCTED OF CONCRETE OR OTHER DURABLE MATERIAL TO INSURE THAT THIS PORTION REMAINS SMOOTH AND IS IN THE SAME PLANE AS THE PLATFORM. WHERE NECCESSARY FOR DRAINAGE, THE REMAINING PORTION OF THE APPROACH MAY SLOPE SLIGHTLY.
4. WORK FROM CENTERLINES WHEN ERECTING FORMS AND PLACING FOUNDATION BOLTS. PLACE BOLTS TO WITHIN ±1/8" OF POSITIONS INDICATED ON DRAWING. (BOLTS MUST BE PLACED WITHIN ±1/8" OF TOTAL DIMENSIONS FROM CENTERLINE OF SCALE.)
5. ADEQUATE PROVISION MUST BE MADE FOR READY ACCESS TO THE PIT FOR INSPECTION OR MAINTENANCE. 24" DIA. MANHOLES ARE OPTIONALLY FURNISHED BY FAIRBANKS SCALES WHEN ORDERED. (SYM. NO. 55008).
6. APPROXIMATELY 22 CU. YD. OF CONCRETE IS REQUIRED FOR THE PLATFORM SLAB. USE f'c = 4000 PSI CONCRETE.
7. VEHICLES SHOULD ENTER AND EXIT SCALE FROM APPROACHES ONLY. ALL CROSS TRAFFIC SHOULD BE RESTRICTED.
8. IT IS RECOMMENDED THAT THE WEIGHBRIDGE BE ASSEMBLED AND BLOCKED IN THE PIT BEFORE THE LOAD CELL ASSEMBLIES ARE ASSEMBLED AND INSTALLED.
9. WHEN WELDING IN PIT OR ON WEIGHBRIDGE, LOAD CELLS MUST BE DISCONNECTED AND LEADS TAPED TO PREVENT THEM FROM TOUCHING EACH OTHER AND FROM GROUNDING.
10. CAST-IN-PLACE ANCHOR BOLTS ARE NOT REQUIRED AT PIERS. BUT ARE REQUIRED IN THE END WALLS FOR CHECKING SYSTEM.
11. TOPS OF ALL PIERS MARKED 'A' OR 'B' MUST BE SMOOTH FLAT & LEVEL, FOR LOAD CELL BASE PLATES TO BEAR PROPERLY.

For illustrative purposes ONLY - NOT for construction!

LET	BY	DATE	REVISION
			MADE FROM D91369-SP

FAIRBANKS SCALES
Meridian, Mississippi

name: 100' X 12' SETTING PLAN 5-SECTION FULL ELECTRONIC w/ ROCKER COLUMN LOAD CELLS CAP. 100 TON 45K CLC

date: 3/24/00 material: PLT-2600RC-2S2

scale: N/A in. per ft. sheet 1 of 1

drawn by SB

traced by

checked by

approved by

SETTING PLAN

D91533-SP

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Unless otherwise specified: dimensions are in inches Tolerances: Fractions: ±1/8" Angles: 1° 3 place decimals: ±.010 2 place decimals: ±.030 Hole diameters: ±1/32"

MATERIAL FINISH