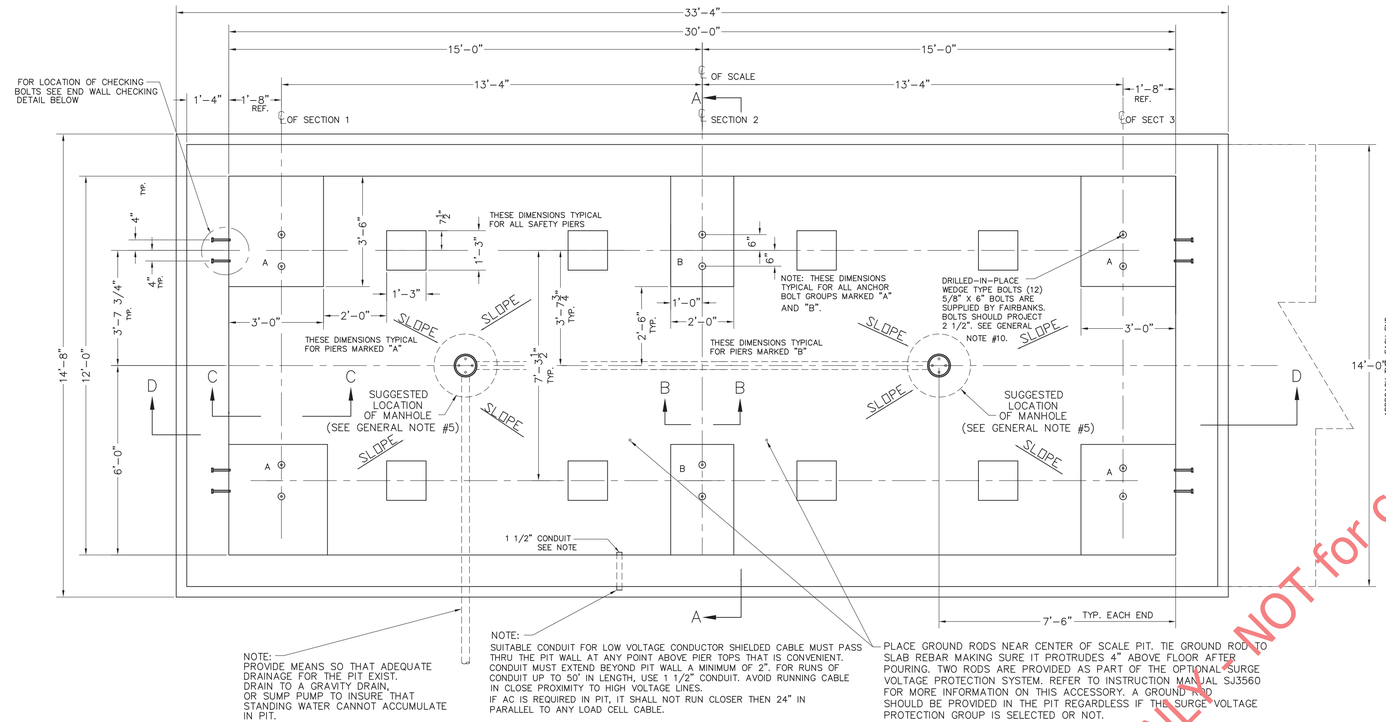
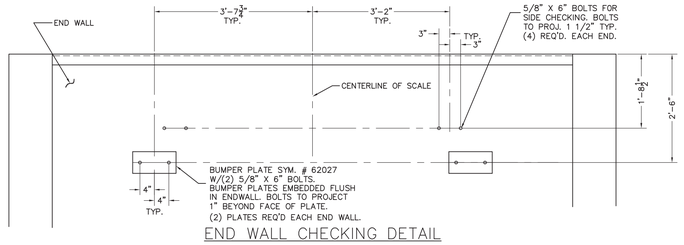


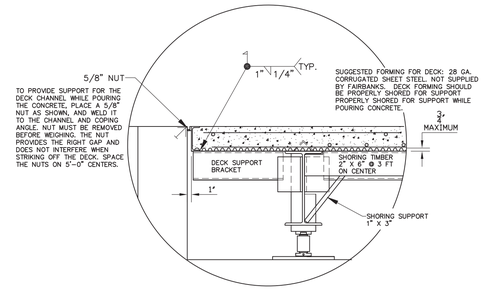

NOTE:
PROVIDE MEANS SO THAT ADEQUATE DRAINAGE FOR THE PIT EXIST. DRAIN TO A GRAVITY DRAIN, OR SUMP PUMP TO INSURE THAT STANDING WATER CANNOT ACCUMULATE IN PIT.

NOTE:
SUITABLE CONDUIT FOR LOW VOLTAGE CONDUCTOR SHIELDED CABLE MUST PASS THRU THE PIT WALL AT ANY POINT ABOVE PIER TOPS THAT IS CONVENIENT. CONDUIT MUST EXTEND BEYOND PIT WALL A MINIMUM OF 2". FOR RUNS OF CONDUIT UP TO 50' IN LENGTH, USE 1 1/2" CONDUIT. AVOID RUNNING CABLE IN CLOSE PROXIMITY TO HIGH VOLTAGE LINES. IF AC IS REQUIRED IN PIT, IT SHALL NOT RUN CLOSER THEN 24" IN PARALLEL TO ANY LOAD CELL CABLE.

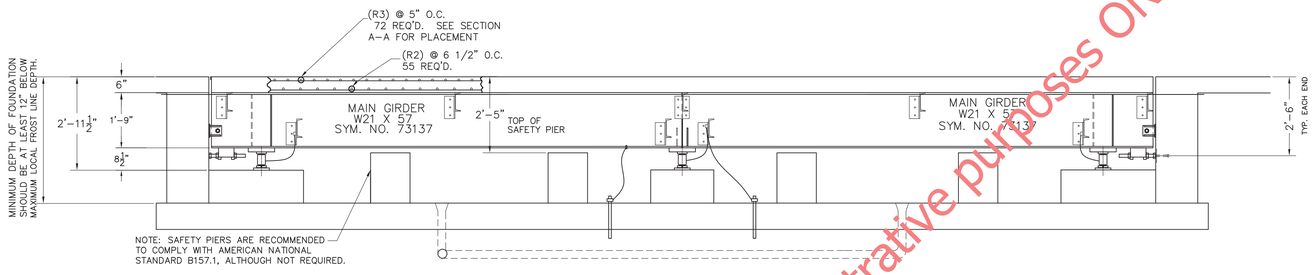
PLACE GROUND RODS NEAR CENTER OF SCALE PIT. TIE GROUND ROD TO SLAB REBAR MAKING SURE IT PROTRUDES 4" ABOVE FLOOR AFTER POURING. TWO RODS ARE PROVIDED AS PART OF THE OPTIONAL SURGE VOLTAGE PROTECTION SYSTEM. REFER TO INSTRUCTION MANUAL SJ3560 FOR MORE INFORMATION ON THIS ACCESSORY. A GROUND ROD SHOULD BE PROVIDED IN THE PIT REGARDLESS IF THE SURGE VOLTAGE PROTECTION GROUP IS SELECTED OR NOT.




END WALL CHECKING DETAIL




DECK FORMING DETAIL

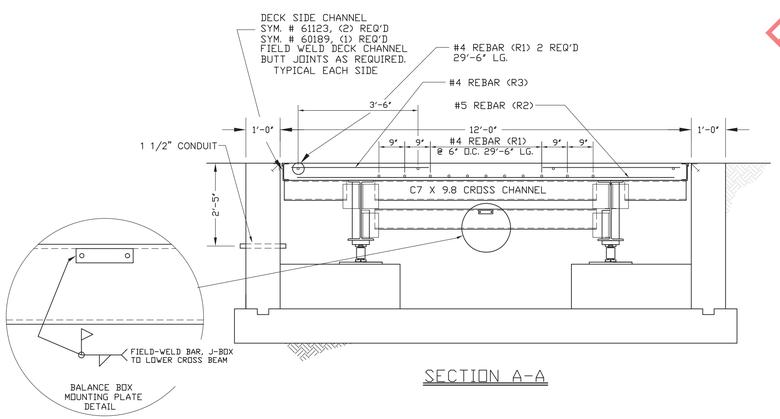



SECTION D-D

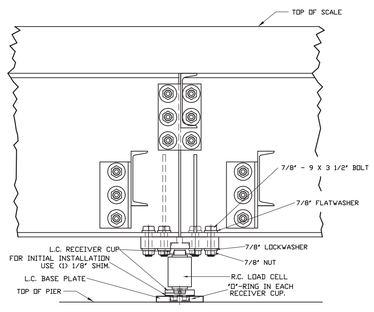
| DECK REINFORCING (SUPPLIED BY FAIRBANKS) | | | | |
|---|---|---|---|---|
| MARK | QTY. | SIZE | DESCRIPTION | WT. |
| R1 | 30 | #4 | 16'-0" | 321 |
| R2 | 55 | #5 | 9'-0" | 516 |
| R3 | 142 | #4 | 4'-0" | 379 |
| REBAR BUNDLE # 81827 | | | | |

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. H44 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. H44, 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 7 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.

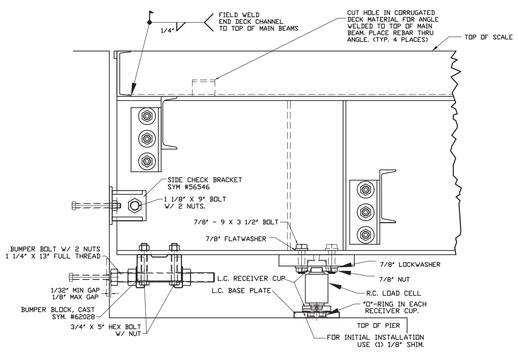



SECTION A-A




LOAD CELL CENTER ASSEMBLY DETAIL

VIEW B-B




VIEW C-C

LOAD CELL END ASSEMBLY DETAIL W/ END CHECKING DETAIL

For illustrative purposes ONLY - NOT for construction!

| LET | BY | DATE | REVISION |
|---|---|---|---|
| | | | MADE FROM D91374-SP |

FAIRBANKS SCALES
Meridian, Mississippi

30' X 12' SETTING PLAN
3-SECTION FULL ELECTRONIC
w/ ROCKER COLUMN LOAD CELLS
CAP. 85 TON 70K CLC

| date | material |
|---|---|
| 5/6/04 | PLT-2600RC-5E2 |
| scale N/A in. per ft. | sheet 1 of 1 |
| drawn by REC | SETTING PLAN |
| traced by | |
| checked by | D91386-SP |
| approved by | |

The material and information contained herein is confidential and the property of Fairbanks Scales and is not to be used, disclosed, copied, transfered or repoduced without the prior written permission of Fairbanks.

Unless otherwise specified dimensions are in inches. Tolerances for fractions: 1/8" Angles: 1° 2 place decimals: ± 3 place decimals: ± Hole diameter: 1/32"

MATERIAL | FINISH