



REINFORCING BAR SCHEDULE					
SYM.	QTY.	SIZE	LENGTH	BENDING	WEIGHT
R1	204	#4	7'-7"	4'-7"   3'-0"	1033
R2	20	#6	5'-10"	3'-10"   2'-4"	175
R3	132	#4	7'-0"	7'-0"	617
R4	54	#6	12'-4"	12'-4"	1000
R5	72	#4	20'-0"	20'-0"	962
R6	30	#4	12'-4"	12'-4"	247
R7	6	#4	11'-8"	11'-8"	47
R8	12	#4	4'-0"	2'-0"   2'-0"	32
R9	48	#4	1'-7"	1'-7"	51
R10	80	#4	1'-11"	1'-11"	102
REINFORCING BAR SCHEDULE FOR APPROACHES					
R11	22	#4	11'-8"	11'-8"	172
R12	22	#4	10'-0"	10'-0"	148
TOTAL					4586

PLUS APPROX. 820 SQUARE FEET OF W8 X W8, 6" X 6" WIRE FABRIC

APPROX. CONCRETE REQ'D.	
SLAB/PIERS	52 CU. YDS.
WALLS	34 CU. YDS.
APPROACHES	5 CU. YDS.
TOTAL W/O SAFETY PIERS	91 CU. YDS.
TOTAL W/ SAFETY PIERS	93 CU. YDS.

APPROX. EXCAVATION QTY = 348 CU. YDS. (BASED ON 2'-0" CLEARANCE AROUND SIDE OF PIT)

- GENERAL NOTES:**
- EXCAVATION, FOUNDATION FORMS, REBARS, AND CONCRETE IS TO BE FURNISHED BY CONTRACTOR OR CUSTOMER.
  - REINFORCING BARS ARE TO EQUAL ASTM A615, GRADE 40 OR 60. BEND BARS COLD TO CONFORM WITH REQUIRED DETAILS. REMOVE SCALE, LOOSE FLAKY RUST, DIRT, AND OTHER COATING THAT WOULD IMPAIR BONDING. SPACE BARS PROPERLY AND TIE SECURELY IN POSITION BEFORE PLACING CONCRETE. TACK WELDING TO KEEP REINFORCING IN PLACE IS NOT PERMITTED.
  - MATERIAL AND WORKMANSHIP TO BE IN ACCORDANCE WITH CURRENT AMERICAN CONCRETE INSTITUTE (ACI) CODE REQUIREMENTS. ALL CONCRETE TO BE A MINIMUM OF 3500 P.S.I. @ 28 DAYS.
  - 1500 P.S.F. MINIMUM SOIL BEARING CAPACITY IS REQUIRED. THE DESIGN IS ADEQUATE FOR A HIGHWAY SURCHARGE OF 300 P.S.F. ADJACENT TO PIT WALLS.
  - REFER TO SJ MANUAL 3884 FOR MORE DETAILED INSTRUCTIONS ON PIT CONSTRUCTION RECOMMENDATIONS.
  - 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.)
  - FOR SETTING PLAN, SEE DRAWING D91381-SP
  - CLEARANCE DIMENSION FROM BOTTOM OF MAIN GIRDER TO PIT FLOOR IS 24".
  - VARIOUS STATE WEIGHTS & MEASURES AUTHORITIES HAVE REGULATIONS, PARTICULARLY IN REGARD TO PIT DEPTH AND APPROACHES, AFFECTING PIT AND INSTALLATION. THE PIT CONTRACTOR IS RESPONSIBLE TO VERIFY THAT THIS PLAN AND INSTALLATION MEETS LOCAL MINIMUM REQUIREMENTS. FOR ASSISTANCE CONTACT NEAREST FAIRBANKS SCALES OFFICE.
  - SOME STATES REQUIRE THAT CONCRETE PIERS BE POURED MONOLITHIC WITH SIDE WALLS. (RECOMMENDED METHOD)
  - 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'-0" 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 THAN 24" IN PARALLEL TO ANY CELL CABLE.

LET	BY	DATE	REVISION

<b>FAIRBANKS SCALES</b>	
Meridian, Mississippi	
100' X 10' REINFORCED PIT	
6-SECTION FULL ELECTRONIC w/ROCKER COLUMN LOAD CELLS CAP. 100 TON 70K CLC	
DATE	6/23/99
PLT	PLT-2600RC-550
SCALE	N/A
SHEET	1 of 1
DRAWN BY	SLS
DESCRIPTION	4' DEEP PIT
CHECKED BY	
APPROVED BY	D91381-RP4

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Unless otherwise specified dimensions are in inches. Tolerances: Fractions 1/8" angles 1" 3 place decimals 2 place decimals Hole diameter: 1/32"

For illustrative purposes ONLY - NOT for construction!