



- GENERAL NOTES
- EXCAVATION, FOUNDATION FORMS, REBARS, AND CONCRETE IS TO BE FURNISHED BY CONTRACTOR OR CUSTOMER.
  - REINFORCING BARS ARE TO EQUAL ASTM A615, GRADE 50 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 3000 P.S.I. @ 28 DAYS.
  - 1500 P.S.F. MINIMUM SOIL BEARING CAPACITY IS REQUIRED. THE DESIGN IS ADEQUATE FOR HIGHWAY SURCHARGE OR 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 DRAWINGS. (BOLTS MUST BE PLACED WITHIN ± 1/8" OF TOTAL DIMENSIONS FROM CENTERLINE OF SCALE.)
  - FOR SETTING PLAN, SEE DRAWING D91380-SP.
  - CLEARANCE DIMENSION FOR BOTTOM OF MAIN GIRDER TO PIT FLOOR IS 24".
  - VARIOUS STATE WEIGHTS AND 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 SCALE OFFICE.
  - SOME STATES REQUIRE THAT CONCRETE PIERS BE POUR 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 AS IS REQUIRED IN PIT, IT SHALL NOT RUN CLOSER THAN 24" IN PARALLEL TO ANY CELL CABLE.
  - CAST-IN-PLACE ANCHOR BOLTS ARE NOT REQUIRED AT PIERS, BUT ARE REQUIRED IN THE END WALLS FOR CHECKING SYSTEM.
  - TOPS OF ALL PIERS MARKED "A" OR "B" MUST BE SMOOTH, FLAT, AND LEVEL FOR LOADCELL BASE PLATES TO BEAR PROPERLY.

APPROX. EXCAVATION QTY = 330 CU. YDS. (BASED ON 2'-0" CLEARANCE AROUND SIDE OF PIT)

APPROX. CONCRETE REQ'D.	
SLAB/PIERS	47 CU. YDS.
WALLS	31 CU. YDS.
APPROACHES	5 CU. YDS.
TOTAL W/O SAFETY PIERS	83 CU. YDS.
TOTAL W/ SAFETY PIERS	85 CU. YDS.

REINFORCING BAR SCHEDULE					
SYM.	QTY.	SIZE	LENGTH	BENDING	WEIGHT
R1	182	#4	7'-7"	4'-7"   3'-0"	922
R2	20	#6	5'-10"	3'-10"   24"	173
R3	132	#4	7'-0"	7'-0"	617
R4	54	#6	12'-2"	12'-2"	1096
R5	60	#4	20'-0"	20'-0"	802
R6	30	#4	12'-2"	12'-2"	244
R7	6	#4	11'-4"	11'-4"	45
R8	12	#4	4'-0"	2'-0"   2'-0"	32
R9	128	#4	1'-6"	1'-6"	128
REINFORCING BAR SCHEDULE FOR APPROACHES					
R10	22	#4	10'-0"	10'-0"	148
R11	22	#4	11'-8"	11'-8"	172
TOTAL					4379

PLUS APPROX. 720 SQUARE FEET OF WF 6 x 6 - WB X WB

LET BY	DATE	REVISION

**FAIRBANKS SCALES**  
 Meridian, Mississippi  
 90' X 10' REINFORCED PIT  
 6-SECTION FULL ELECTRONIC  
 CAP. 100 TON 70K CLC  
 PLT-2600RC-5Q0

DATE: 12/17/99  
 SCALE: N/A  
 SHEET: 1 OF 1  
 DRAWN BY: SLS  
 4' DEEP PIT  
 D91380-RP4

MATERIAL: FINISH  
 CHECKED BY:  
 APPROVED BY: