



REINFORCING BAR SCHEDULE					
SYM.	QTY.	SIZE	LENGTH	BENDING	WEIGHT
R1	144	#5	10'-6"	6'-6" 4'-0"	1,577
R2	26	#6	7'-9"	5'-9" 2'-0"	302
R3	112	#4	7'-0"	7'-0"	524
R4	36	#6	14'-2"	14'-2"	766
R5	64	#4	18'-0"	18'-0"	770
R6	20	#4	14'-2"	14'-2"	189
R7	10	#4	13'-6"	13'-6"	90
R8	24	#4	4'-0"	2'-0" 2'-0"	64
R9	32	#4	3'-9"	3'-9"	80
TOTAL					4,747

APPROX. EXCAVATION QTY = 241 CU. YDS.
(BASED ON 2'-0" CLEARANCE AROUND SIDE OF PIT)

APPROX. CONCRETE REQ'D.	
SLAB/WALLS/PIERS	34 CU. YDS.
APPROACHES	42 CU. YDS.
TOTAL W/O SAFETY PIERS	82 CU. YDS.
TOTAL W/ SAFETY PIERS	85 CU. YDS.

- 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 D91389-SP.
 - CLEARANCE DIMENSION FOR BOTTOM OF MAIN GIRDER TO PIT FLOOR IS 48".
 - 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 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.

LET BY	DATE	REVISION	FAIRBANKS SCALES	
			Meridian, Mississippi	
			60' X 12' REINFORCED PIT	
			4-SECTION FULL ELECTRONIC	
			CAP. 100 TON 70K CLC	
			PLT-2600RC-5K2	
			DATE	3/06/02
			SHEET	1 OF 1
			DRAWN BY	CB
			SCALE	N/A
			CHECKED BY	
			APPROVED BY	
			MATERIAL	
			FINISH	
				6'-0" DEEP PIT
				D91389-RP6

For illustrative purposes ONLY - NOT for construction!