



APPROX. CONCRETE REQ'D.

SLAB/PIERS	41 CU. YDS.
WALLS	40 CU. YDS.
APPROACHES	5 CU. YDS.
TOTAL	86 CU. YDS.
W/O SAFETY PIERS	40 CU. YDS.
TOTAL	89 CU. YDS.

APPROX. EXCAVATION QTY = 352 CU. YDS.
(BASED ON 2'-0" CLEARANCE AROUND SIDE OF PIT)

REINFORCING BAR SCHEDULE

SYM.	QTY.	SIZE	LENGTH	BENDING	WEIGHT
R1	142	#5	9'-9"	6'-9" 3'-0"	1444
R2	22	#6	8'-1"	6'-1" 2'-0"	267
R3	88	#4	7'-0"	7'-0"	411
R4	36	#6	12'-2"	12'-2"	658
R5	64	#4	20'-0"	20'-0"	855
R6	24	#4	12'-2"	12'-2"	163
R7	10	#5	11'-6"	11'-6"	120
R8	24	#4	4'-0"	2'-0" 2'-0"	64
R9	40	#4	3'-9"	3'-9"	100
R10	40	#4	4'-0"	4'-0"	107
TOTAL					4,411

REINFORCING BAR SCHEDULE FOR APPROACHES

R11	22	#4	11'-6"	11'-6"	169
R12	24	#4	10'-0"	10'-0"	160
TOTAL					329

PLUS APPROX. 545 SQUARE FEET OF WWF 6 x 6 - WB X WB

- 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 IF 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 $\pm 1/8"$ OF POSITIONS INDICATED ON DRAWINGS. (BOLTS MUST BE PLACED WITHIN $\pm 1/8"$ OF TOTAL DIMENSIONS FROM CENTERLINE OF SCALE.)
 - FOR SETTING PLAN, SEE DRAWING D91366-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 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.

LET	BY	DATE	REVISION

FAIRBANKS SCALES
Meridian, Mississippi

70' X 10' REINFORCED PIT
4-SECTION FULL ELECTRONIC
CAP. 75 TON 45K CLC
PLT-2600RC-2MO

DATE: 8/01/03

N/A SCALE IN PER FT. SHEET 1 OF 1

drawn by: LB

6' - 3" DEEP PIT

checked by: D91366-RP75

approved by: D91366-RP75

For illustrative purposes only - NOT for construction!