



- GENERAL NOTES:**
- EXCAVATION, FOUNDATION FORMS, REBARS, AND CONCRETE IS TO FURNISHED BY CONTRACTOR OR CUSTOMER.
 - REINFORCING BARS ARE TO EQUAL ASTM A615, GRADE 60. BEND BARS COLD TO CONFORM WITH REQUIRED DETAILS. REMOVE SCALE, LOOSE FLAKY RUST, DIRT, AND OTHER COATINGS 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. DESIGN IS BASED ON 2500 P.S.I., THEREFORE SPECIAL INSPECTION IS NOT REQUIRED UNLESS OTHERWISE REQUIRED BY LOCAL BUILDING OFFICIAL.
 - 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. IF EXPANSIVE OR COLLAPSIBLE SOILS ARE DISCOVERED SPECIAL ASSISTANCE WILL BE REQUIRED. WATER TABLE SHALL NOT BE ABOVE BOTTOM OF PIT FLOOR SLAB.
 - REFER TO MANUAL 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 D91378-SP.
 - WHERE PIT FLOOR IS POURED SOLID, SUMPS, INTERCONNECTED BY 2" PVC PIPES, SHALL BE INSTALLED AT LOCATIONS INDICATED. SUMPS SHALL BE 20" DIA. X 20" DEPTH WITH CONCRETE BOTTOM. THE PIT FLOOR SHALL SLOPE 1" FROM 4 DIRECTIONS TOWARD EACH SUMP. SUMP PUMP DISCHARGE SHALL TERMINATE WITH 2" FEMALE PIPE COUPLING JUST OUTSIDE THE PIT WALL. DUPLEX RECEPTACLE (WEATHER PROOF) WITH 115V AC, SINGLE PHASE, 20 AMP, AND GROUND-FAULT PROTECTION IS REQUIRED FOR SUMP PUMP ELECTRICAL SERVICE AND SHALL BE FURNISHED BY OTHERS.
 - VARIOUS STATE WEIGHTS & MEASUREMENTS 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.
 - 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 LOAD 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.
 - CLEARANCE DIMENSION FOR BOTTOM OF MAIN GIRDER TO PIT FLOOR IS 21".

REINFORCING BAR SCHEDULE					
SYM.	QTY.	SIZE	LENGTH	BENDING	WEIGHT
R1	142	#4	7'-7"	4'-7" [3'-0"	719
R2	12	#4	16'-6"	16'-6"	134
R3	110	#4	7'-0"	7'-0"	514
R4	45	#6	10'-10"	10'-10"	732
R5	36	#4	20'-0"	20'-0"	481
R6	25	#4	10'-10"	10'-10"	181
R7	40	#4	1'-4"	1'-4"	36
R8	64	#4	1'-11"	1'-11"	82
TOTAL WT.					2,879
PLUS APPROX. 708 SQUARE FEET OF WWF 6 x 6 - W8 X W8					

NOTE: SEE SECTION A-A FOR PIER REINFORCING NOTE. PIER REINFORCING IS NOT SHOWN IN THE ABOVE TABLE.

LET BY	DATE	REVISION	FAIRBANKS SCALES Meridian, Mississippi 70' X 10' REINFORCED PIT 5-SECTION FULL ELECTRONIC CAP. 100 TON 70K CLC PLT-2600RC-5MO
A	REC 1/6/05	REV GEN NOTES, SECT A-A, MISC	
SCALE	1/11/01	SHEET	1 OF 1
DRAWN BY	REC	CHECKED BY	4' DEEP PIT CA.
MATERIAL	FINISH	APPROVED BY	D91378-RP4CA