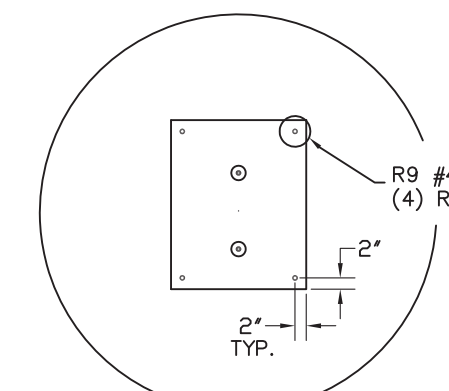
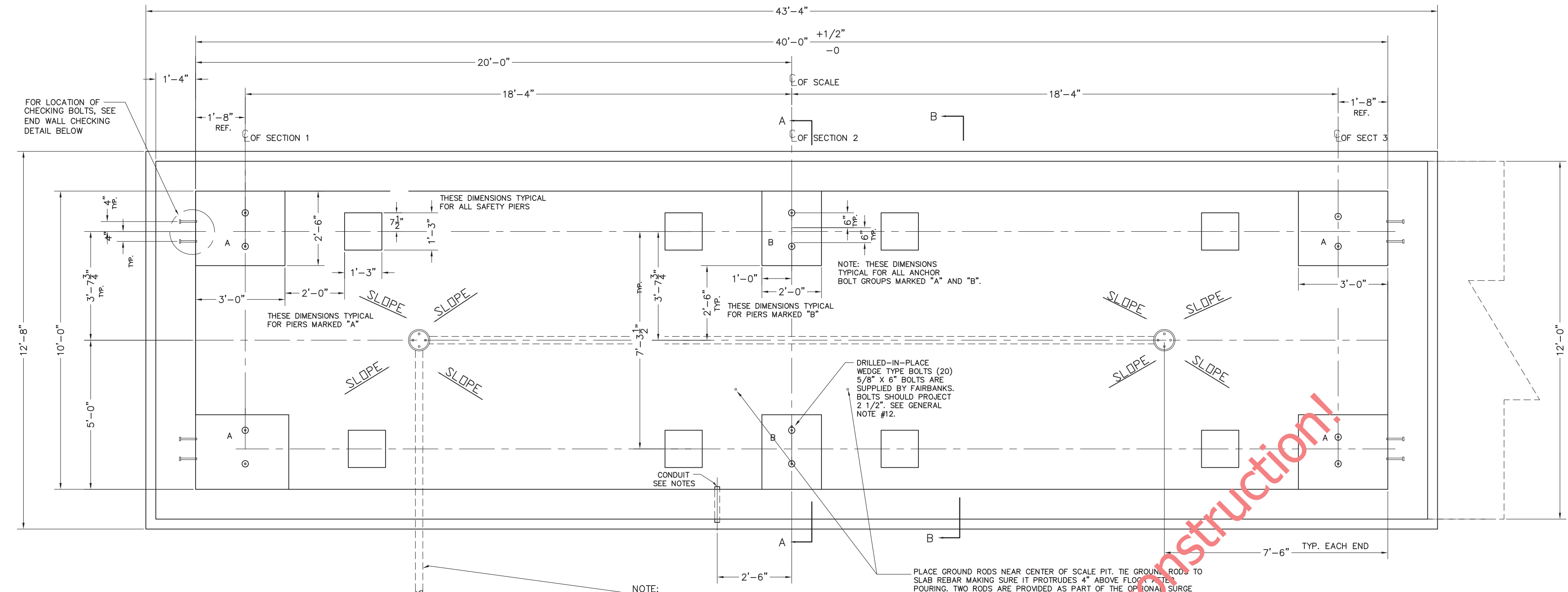


SAFETY PIER REINFORCING



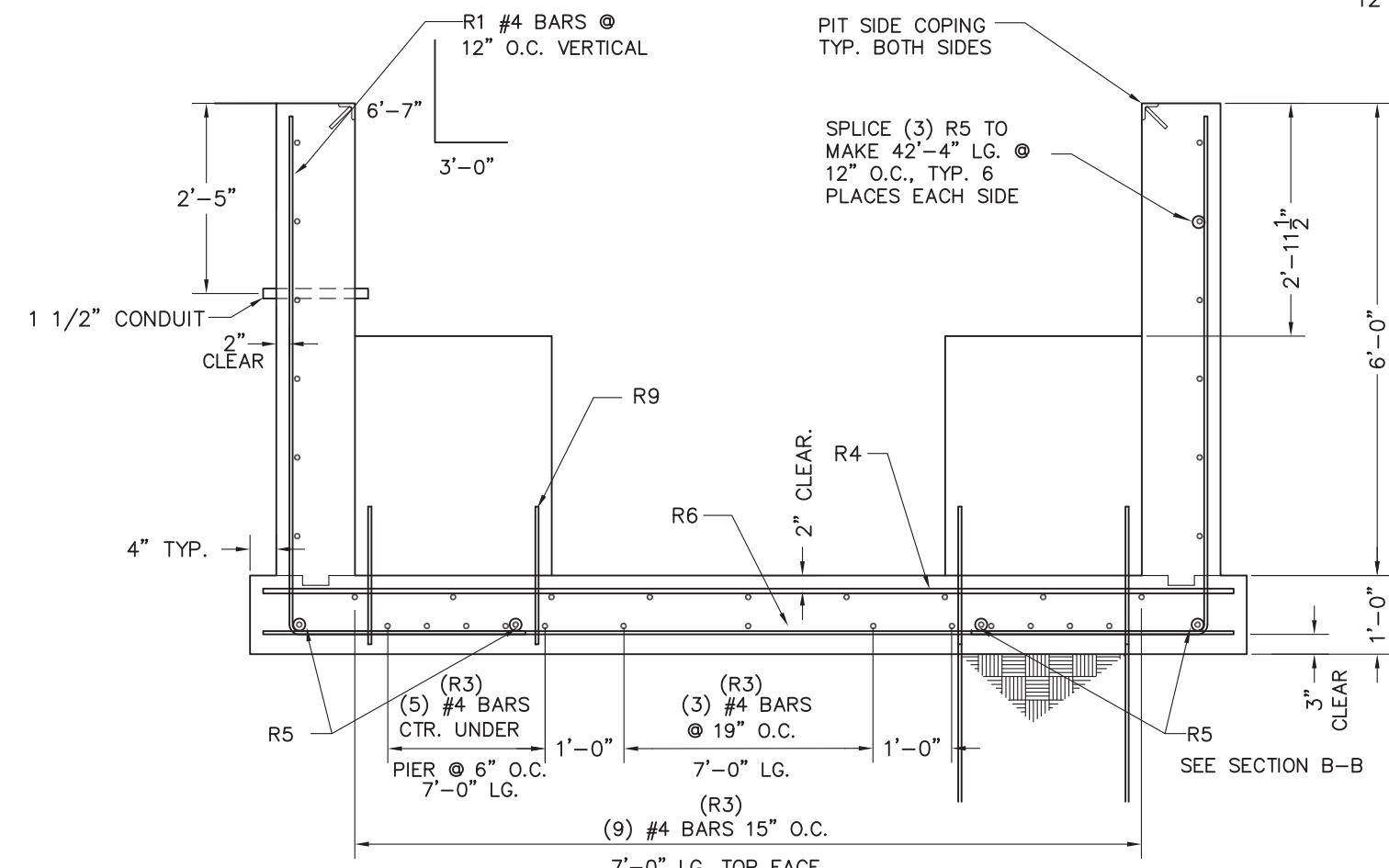
LOAD CELL PIER REINFORCING SEE SCHEDULE FOR LENGTH



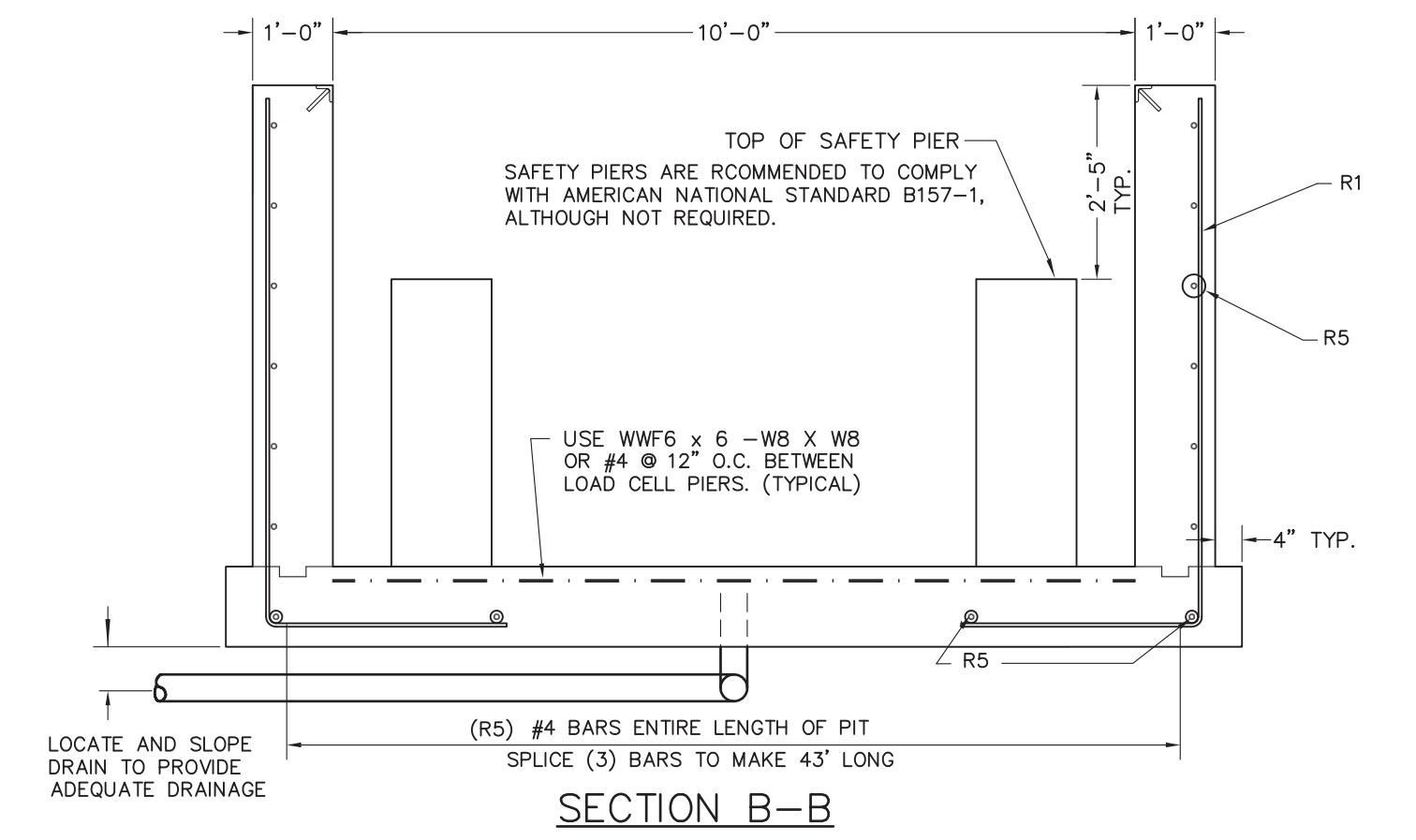
REINFORCING BAR SCHEDULE					
SYM.	QTY.	SIZE	LENGTH	BENDING	WEIGHT
R1	82	#4	9'-7"	6'-7" 3'-0"	525
R2	20	#6	7'-10"	5'-10" 24"	235
R3	66	#4	7'-0"	7'-0"	308
R4	27	#6	12'-2"	12'-2"	493
R5	48	#4	16'-0"	16'-0"	513
R6	15	#4	12'-2"	12'-2"	122
R7	10	#4	11'-4"	11'-4"	76
R8	20	#4	4'-0"	2'-0" 2'-0"	53
R9	56	#4	1'-6"	1'-6"	56
REINFORCING BAR SCHEDULE FOR APPROACHES					
R10	22	#4	10'-0"	10'-0"	148
R11	22	#4	11'-8"	11'-8"	172
TOTAL					2445

PLUS APPROX. 400 SQUARE FEET OF WWF 6 x 6 - WB X WB

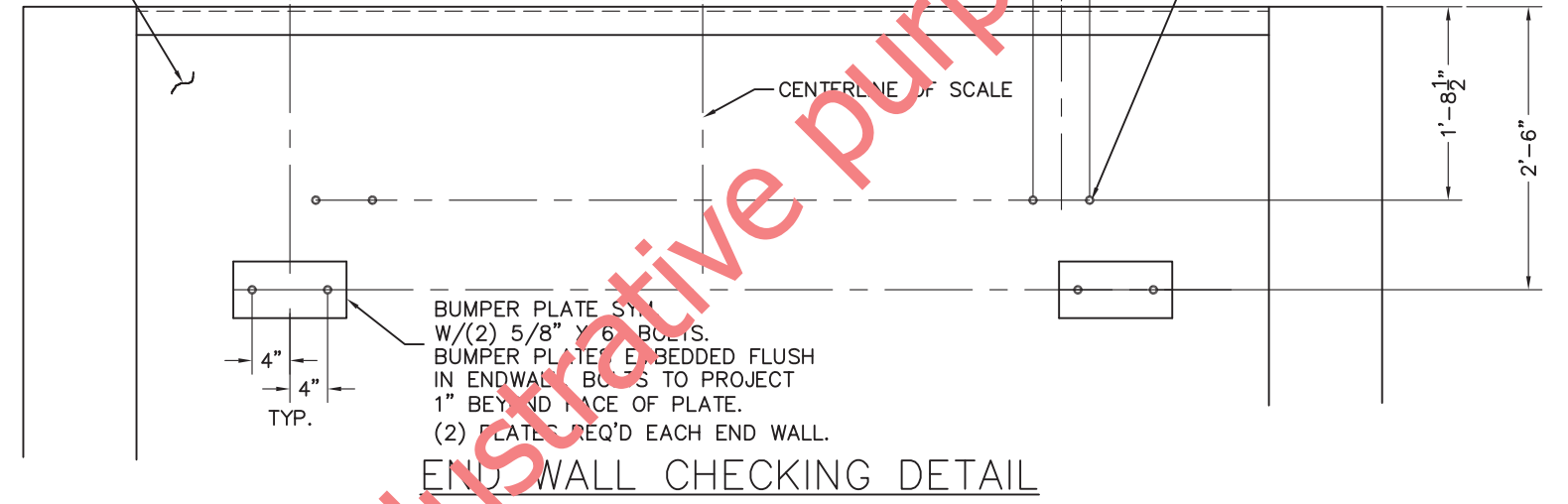
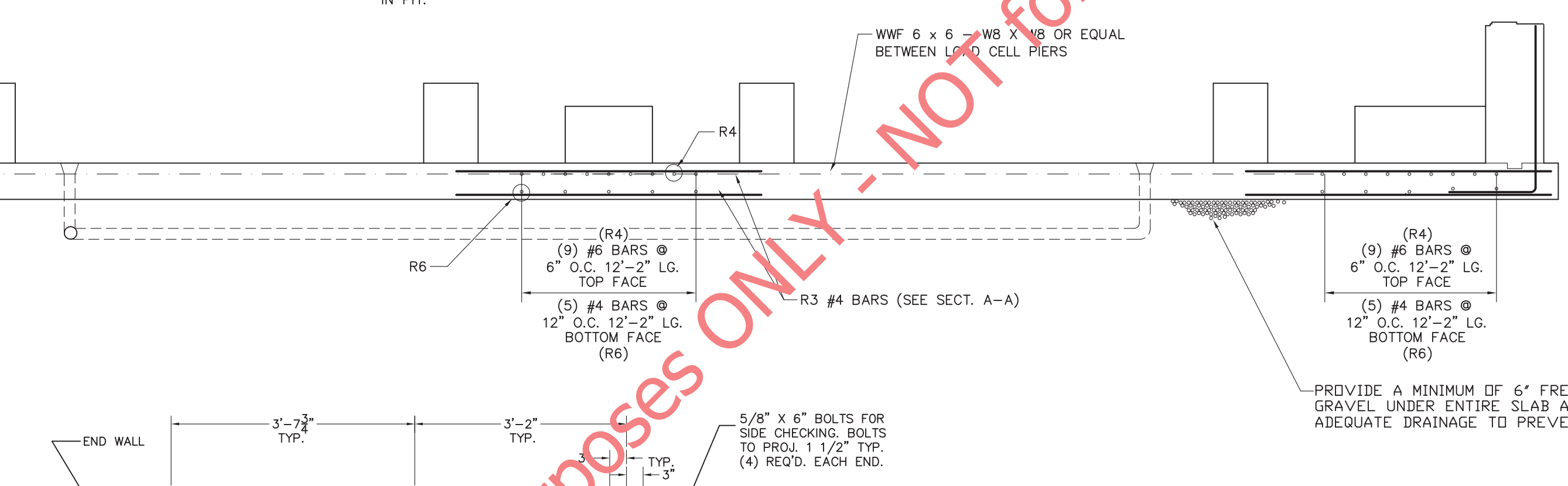
- GENERAL NOTES
- EXCAVATION, FOUNDATION FORMS, REBARS, AND CONCRETE IS TO BE FURNISHED BY CONTRACTOR OR CUSTOMER.
 - REINFORCING BARS ARE TO EQUAL ASTM A615, GRADE 50 OR 60. BEND BARS COLD TO CONFORM WITH REQUIRED DETAILS. REMOVE SCALE, LOOSE FLAKY RUST, DIRT, AND OTHER COATING THAT WOULD IMPAIR BONDING. 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 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 $\pm 3/8"$ OF POSITIONS INDICATED ON DRAWINGS. (BOLTS MUST BE PLACED WITHIN $\pm 3/8"$ OF TOTAL DIMENSIONS FROM CENTERLINE OF SCALE.)
 - FOR SETTING PLAN, SEE DRAWING D91375-SP.
 - CLEARANCE DIMENSION FOR BOTTOM OF MAIN GIRDER TO PIT FLOOR IS 45".
 - 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.



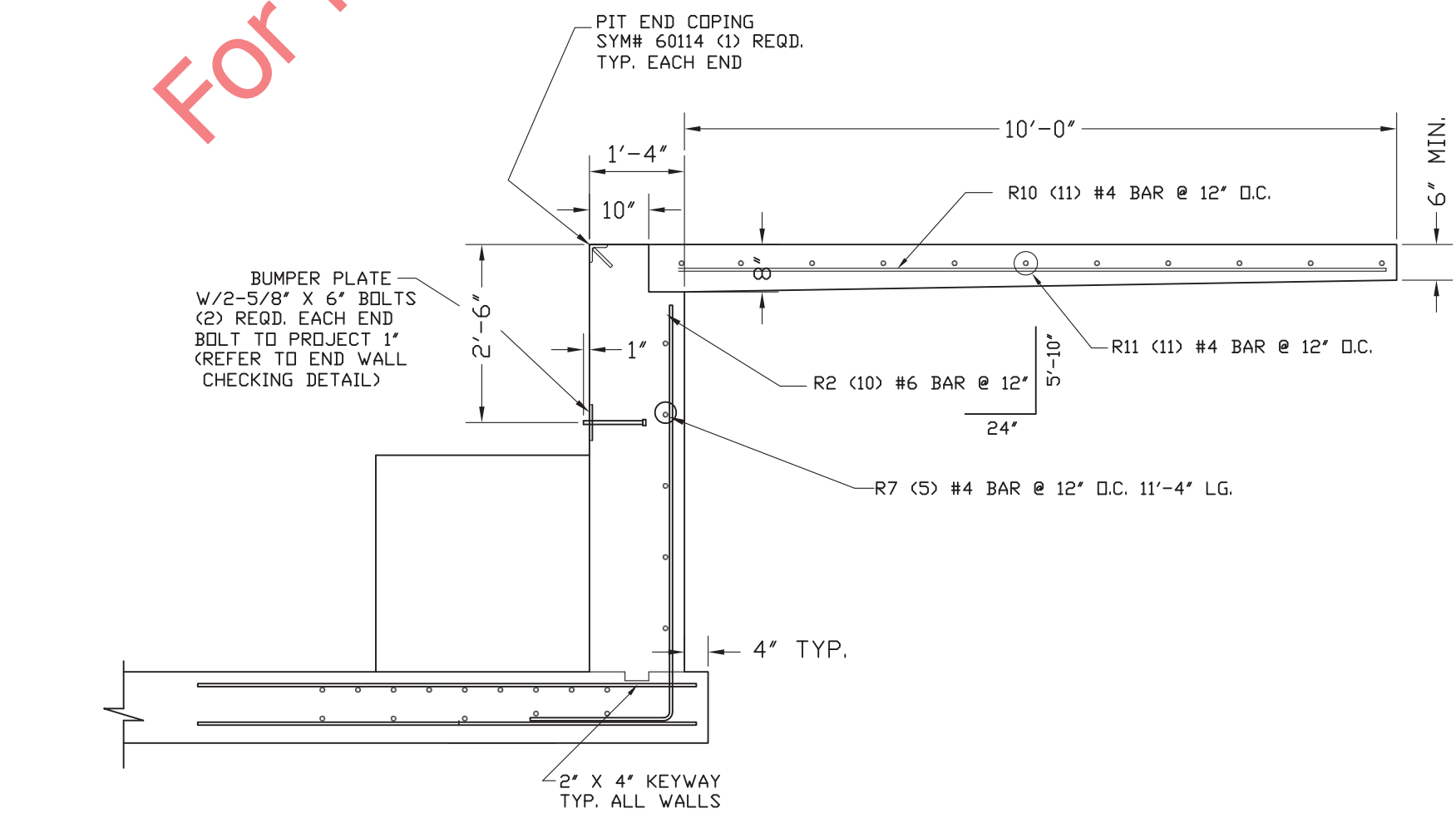
SECTION A-A TYPICAL (3) PLACES



SECTION B-B



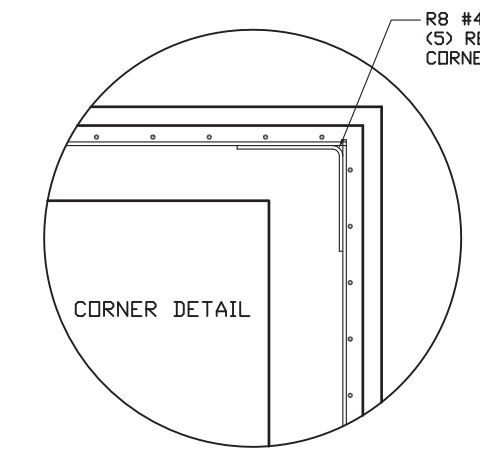
END WALL CHECKING DETAIL



END WALL AND APPROACH TYPICAL EACH END

APPROX. CONCRETE REQ'D.	
SLAB/PIERS	25 CU. YDS.
WALLS	25 CU. YDS.
APPROACHES	5 CU. YDS.
TOTAL	
W/O SAFETY PIERS	55 CU. YDS.
TOTAL	
W/ SAFETY PIERS	57 CU. YDS.

APPROX. EXCAVATION QTY = 219 CU. YDS. (BASED ON 2'-0" CLEARANCE AROUND SIDE OF PIT)



CORNER DETAIL

LET BY	DATE	REVISION

FAIRBANKS SCALES	
Meridian, Mississippi	
40' X 10' REINFORCED PIT	
3-SECTION FULL ELECTRONIC	
CAP. 85 TON 70K CLC	
PLT-2600RC-5G0	
DATE	5/21/01
SCALE	N/A
SHEET	1 OF 1
DRAWN BY	SLS
CHECKED BY	
APPROVED BY	
6' DEEP PIT WISCONSIN	
D91375-RP6-WI	