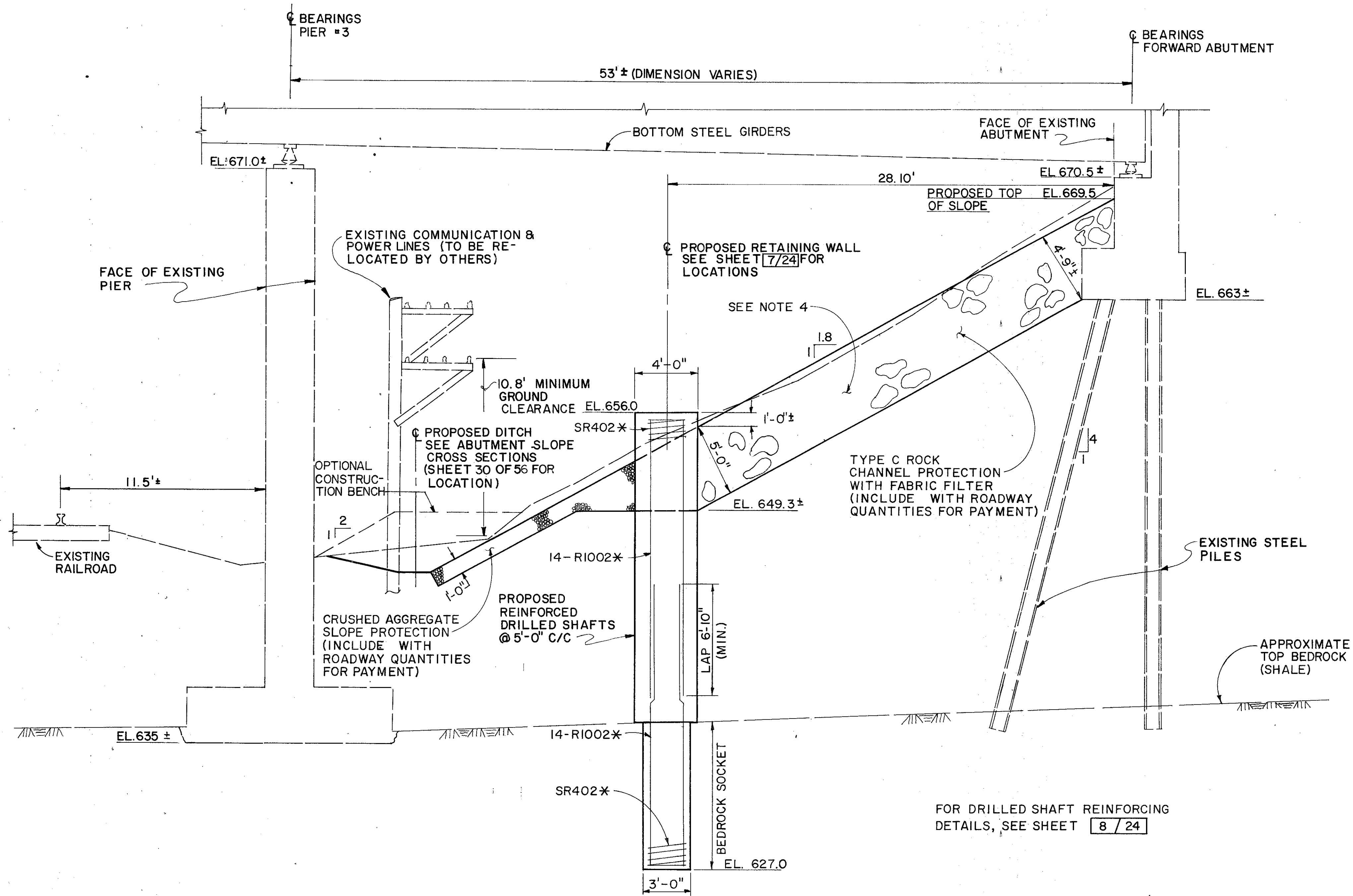


RETAINING WALL NOTES

- SEQUENCE OF INSTALLATION.** THE DRILLED SHAFTS SHALL BE CONSTRUCTED IN A MANNER THAT MAINTAINS EMBANKMENT STABILITY AT ALL TIMES. THE LATERAL LOAD TEST SHALL BE COMPLETED AT EACH ABUTMENT PRIOR TO CONSTRUCTING THE REMAINING PRODUCTION SHAFTS FOR EACH ABUTMENT. THE DRILLED SHAFTS SHALL BE INSTALLED IN AN ALTERNATING SEQUENCE SUCH THAT NO DRILLED SHAFT IS INSTALLED WITHIN 15 FEET OF EITHER AN OPEN DRILLED SHAFT EXCAVATION OR A DRILLED SHAFT IN WHICH THE CONCRETE HAS LESS THAN A 7-DAY STRENGTH (HIGH EARLY STRENGTH CONCRETE MAY BE USED). THE CONTRACTOR SHALL SUBMIT HIS PROPOSED CONSTRUCTION PROCEDURES AND CONSTRUCTION SEQUENCES TO THE ENGINEER FOR APPROVAL.
- OPTIONAL CONSTRUCTION BENCH.** A TEMPORARY OPTIONAL BENCH MAY BE CONSTRUCTED IN FRONT OF THE DRILLED SHAFT RETAINING WALL AT ELEVATION 651.3 AT THE REAR ABUTMENT AND ELEVATION 649.3 AT THE FORWARD ABUTMENT AS SHOWN. ALL COSTS ASSOCIATED WITH CONSTRUCTION, BACKFILL, AND REMOVAL OF OPTIONAL BENCH SHALL BE AT THE CONTRACTOR'S EXPENSE.
- CRUSHED AGGREGATE SLOPE PROTECTION.** CRUSHED AGGREGATE SLOPE PROTECTION SHALL BE PLACED AS BACKFILL BETWEEN DRILLED SHAFTS AND TO THE LIMITS AS SHOWN. PAYMENT FOR THE WORK SHALL BE INCLUDED WITH ITEM 601, CRUSHED AGGREGATE SLOPE PROTECTION.
- EXCAVATION SEQUENCE.** EXCAVATION FOR TYPE C ROCK CHANNEL PROTECTION AND CRUSHED AGGREGATE SLOPE PROTECTION ABOVE ELEVATION 651.3 AT THE REAR ABUTMENT AND ELEVATION 649.3 AT THE FORWARD ABUTMENT SHALL BE MADE PRIOR TO CONSTRUCTION OF THE DRILLED SHAFTS. PLACEMENT OF TYPE C ROCK CHANNEL PROTECTION SHALL NOT BEGIN UNTIL THE DRILLED SHAFTS HAVE ATTAINED 28-DAY STRENGTH.



PROPOSED EMBANKMENT SECTION B-B
(NORMAL TO SUBSTRUCTURE UNITS)

FOR DRILLED SHAFT REINFORCING
DETAILS, SEE SHEET 8 / 24

Burgess & Niple, Limited		Engineers and Architects		9 / 24	
EMBANKMENT STABILIZATION DETAILS FORWARD ABUTMENT BRIDGE NO. LAK-91- 0423 S.R. 91 OVER N.&W. R.R. & CONRAIL R.R.					
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVIEWED
VEA	CL		R.G.	2-24-92	