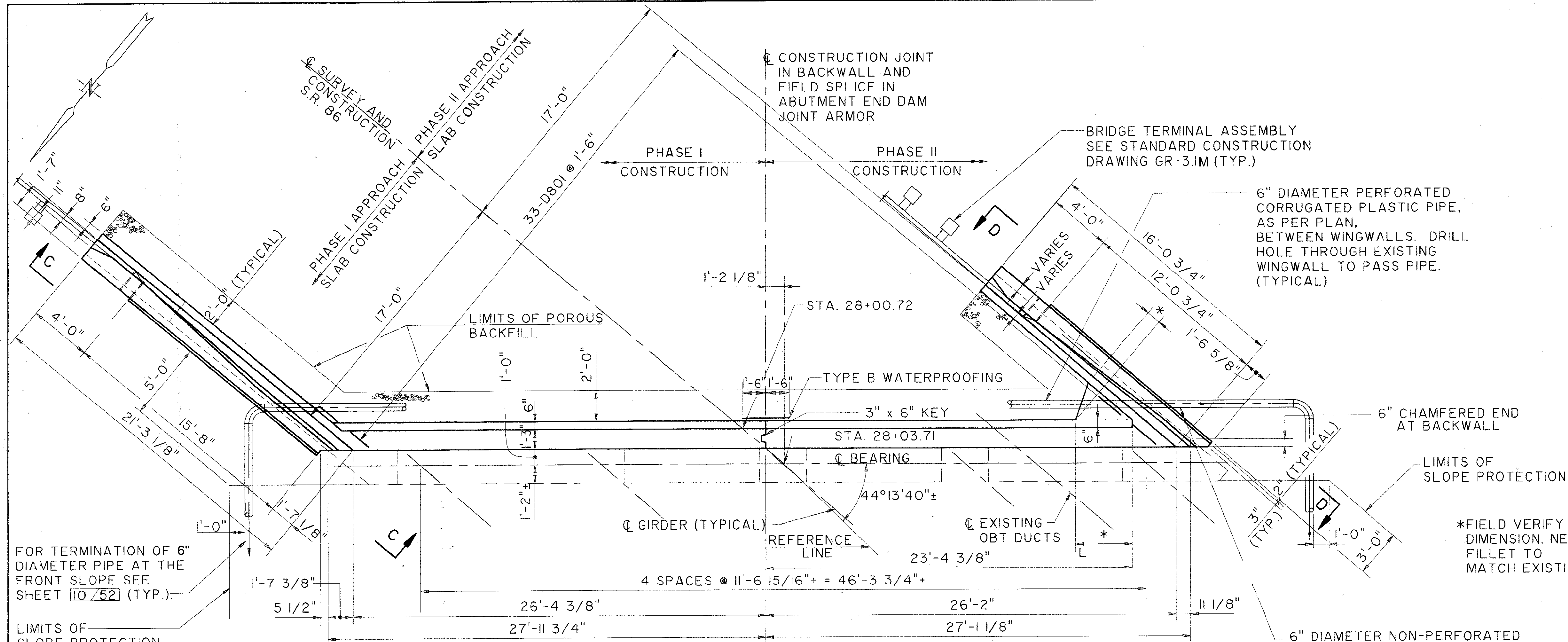
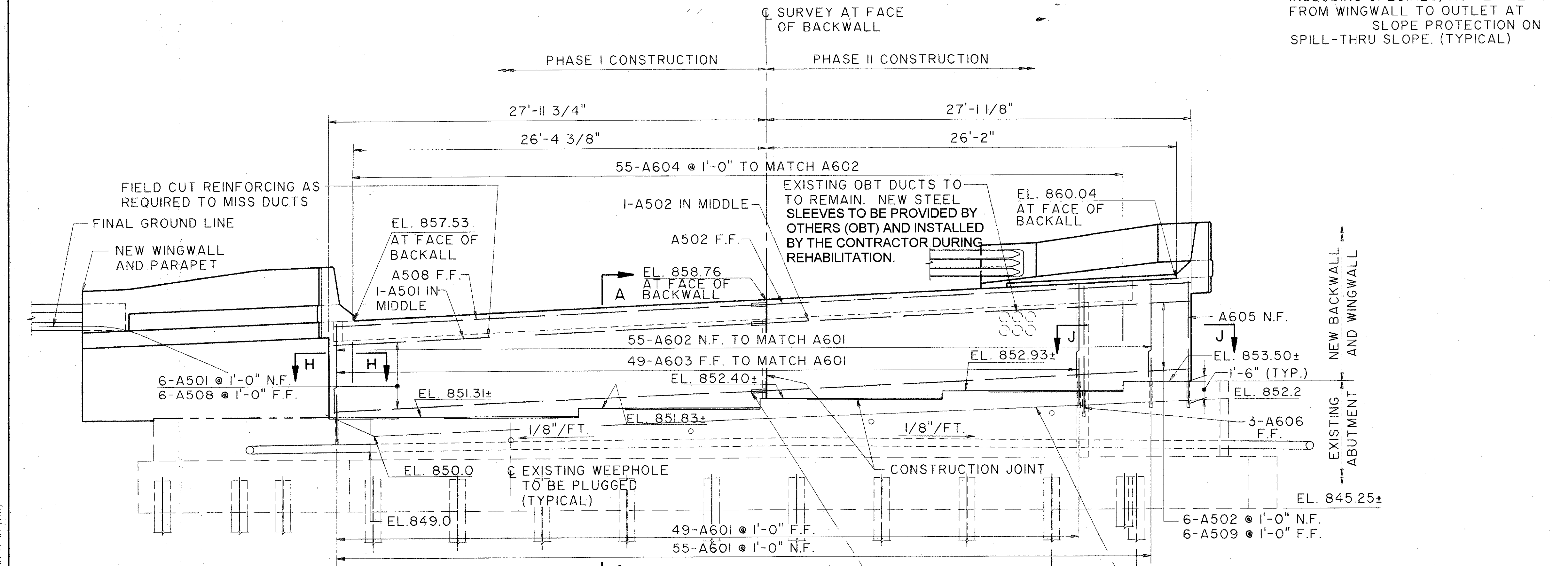


NOTES:

- BACKWALL CONCRETE: IN ADDITION TO THE PROVISIONS OF 511.08, BACKWALL CONCRETE ABOVE THE OPTIONAL CONSTRUCTION JOINT AT THE APPROACH SLAB SEAT SHALL NOT BE PLACED UNTIL AFTER THE DECK CONCRETE IN THE SPAN ADJACENT TO THE ABUTMENT HAS BEEN PLACED.
- THE CONSTRUCTION OF THE ABUTMENTS SHALL BE IN STAGES. FOR DETAILED DESCRIPTION OF STAGE CONSTRUCTION SEE SHEET [18/52].
- ALL REINFORCING STEEL FOR REAR ABUTMENT SHALL BE PREFIXED "RA".
- DOWEL HOLES SHALL BE LOCATED TO MISS EXISTING REBAR AND WEEPHOLES.
- THE COST OF DRILLING HOLES IN THE EXISTING WINGWALL AND PATCHING AFTER THE ABUTMENT DRAIN INSTALLATION SHALL BE INCLUDED WITH ITEM 518, 6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS, AS PER PLAN.
- EXISTING OBT-DUCTS TO REMAIN. NEW STEEL SLEEVES TO BE PROVIDED BY OTHERS (OBT) AND INSTALLED BY THE CONTRACTOR.**
- TYPE B WATERPROOFING SHALL EXTEND FROM LOWER CONSTRUCTION JOINT TO APPROACH SLAB SEAT.
- FOR CONNECTION DETAILS OF BRIDGE TERMINAL ASSEMBLY TYPE I AT PARAPET ENDS SEE STANDARD CONSTRUCTION DRAWING GR-3.1M
- THE COST OF FABRICATING AND INSTALLING SLEEVES AND FIELD CUTTING REINFORCING FOR OBT DUCTS SHALL BE INCLUDED WITH ITEM 844, HIGH PERFORMANCE CONCRETE, SUBSTRUCTURE, AS PER PLAN. NEW STEEL SLEEVES TO BE PROVIDED BY OTHERS (OBT) AND INSTALLED BY THE CONTRACTOR.



PLAN



ELEVATION

THE OSBORN ENGINEERING COMPANY
CONSULTING ENGINEERS
CLEVELAND, OHIO 44114

REAR ABUTMENT DETAILS
BRIDGE NO. LAK-90-1742
S.R. 86 OVER I-90

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	OHIO
LYH	BFG		JRS	GA	2/94	

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 Drawn By: Date: 2/94 (111)

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