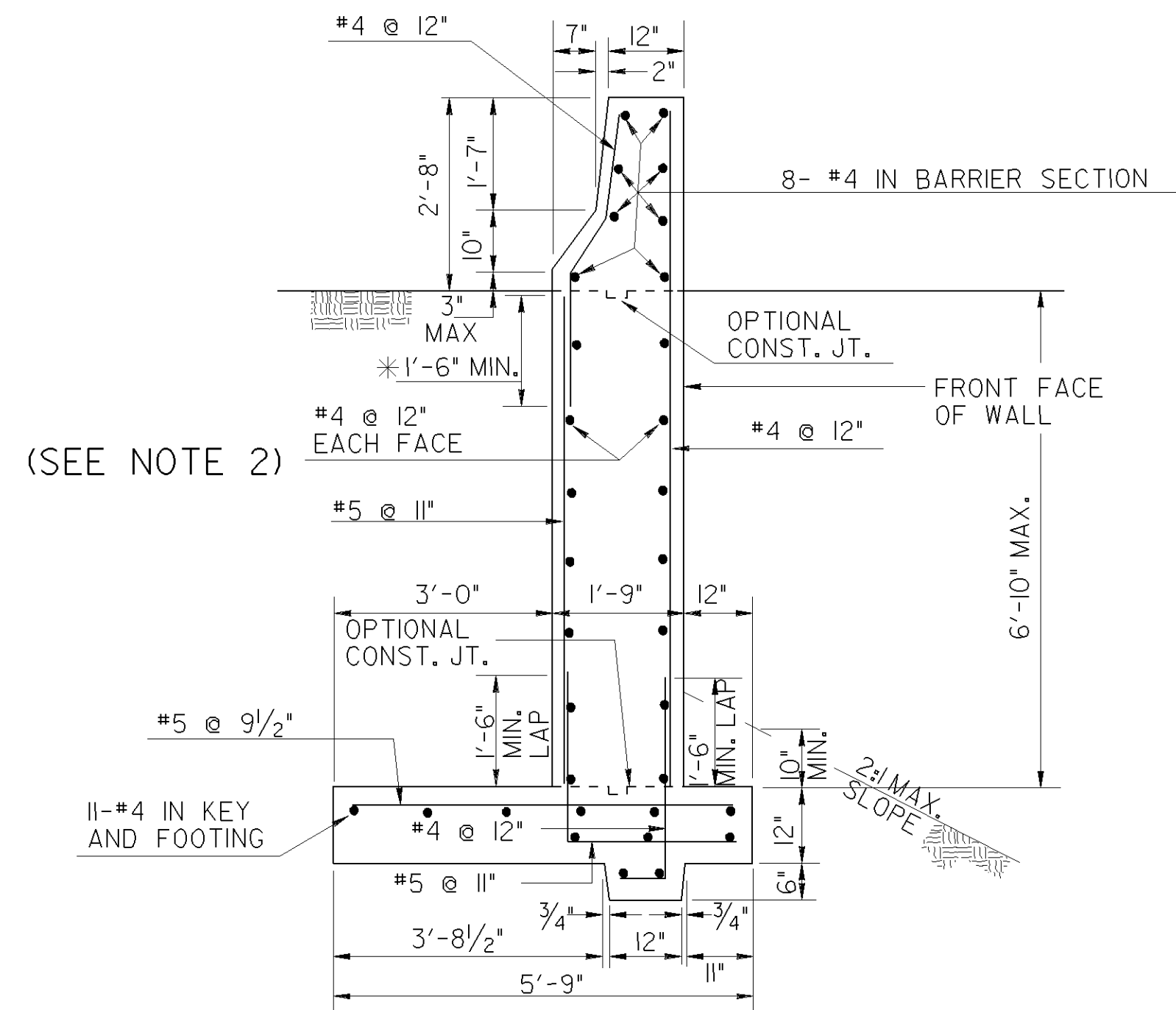


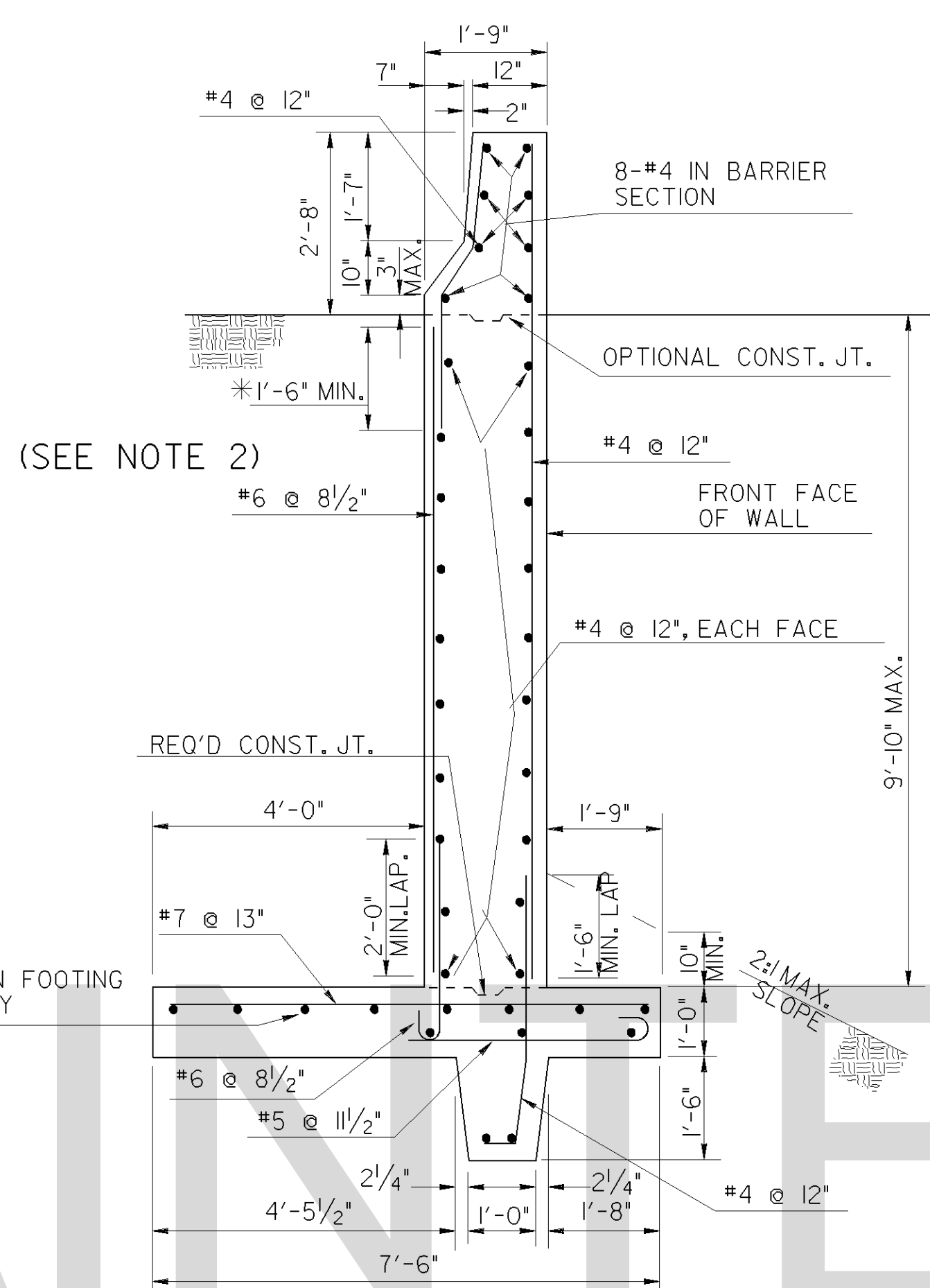
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



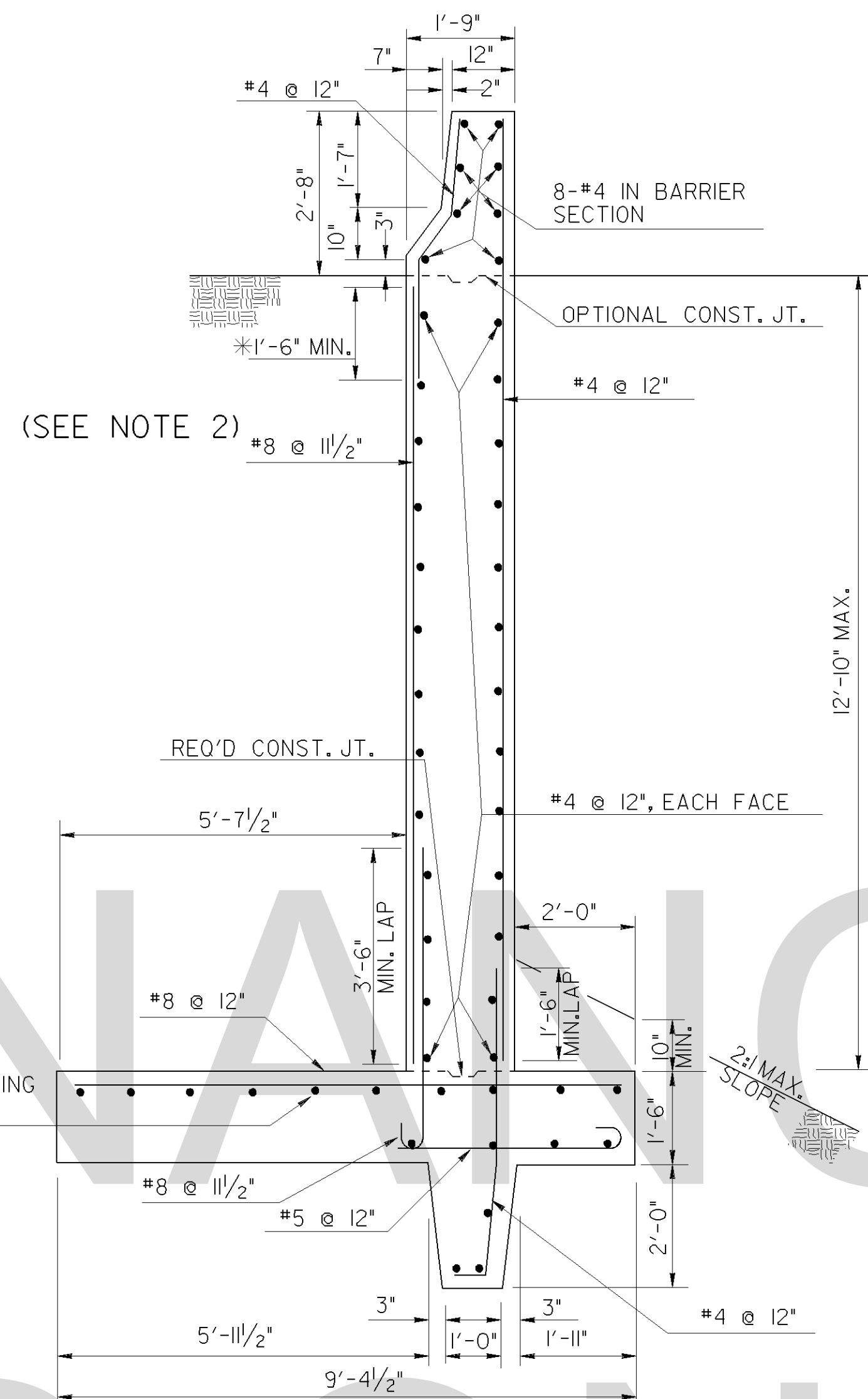
*NON-CONTACT LAPS ARE ACCEPTABLE

TYPE 2-A SIDE BARRIER

RED'D SOIL BEARING CAPACITY	
TYPE	CAPACITY, TONS/SF
2-A	1.25
2-B	1.25
2-C	1.5
2	1.0

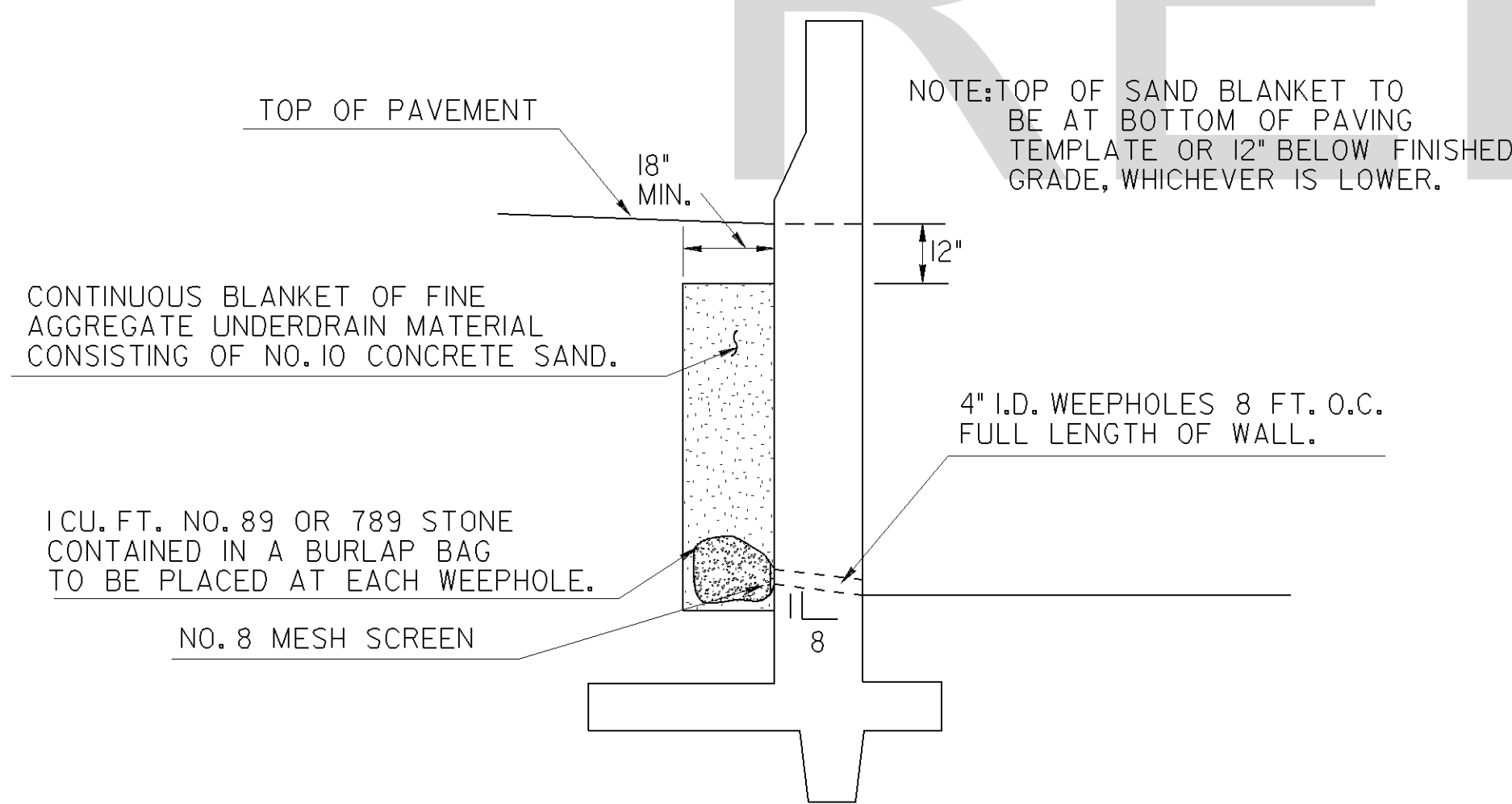


TYPE 2-B SIDE BARRIER



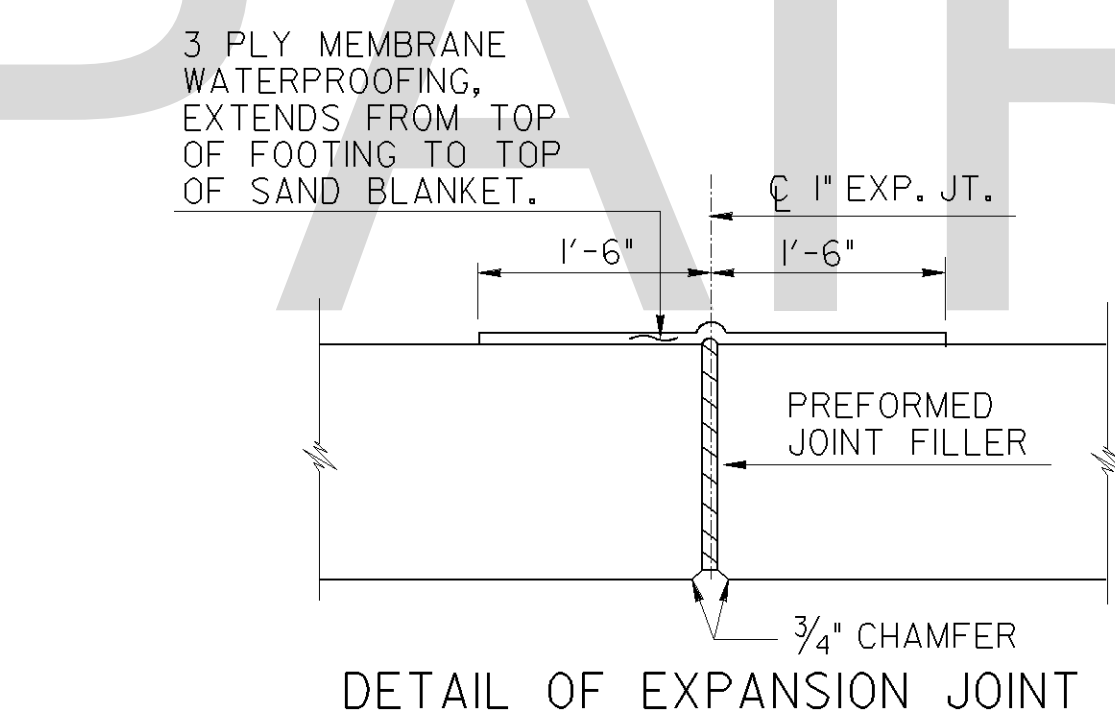
TYPE 2-C SIDE BARRIER

Δ (INCHES)	
WALL TYPE	DIMENSION
2-A	0
2-B	0
2-C	3/16

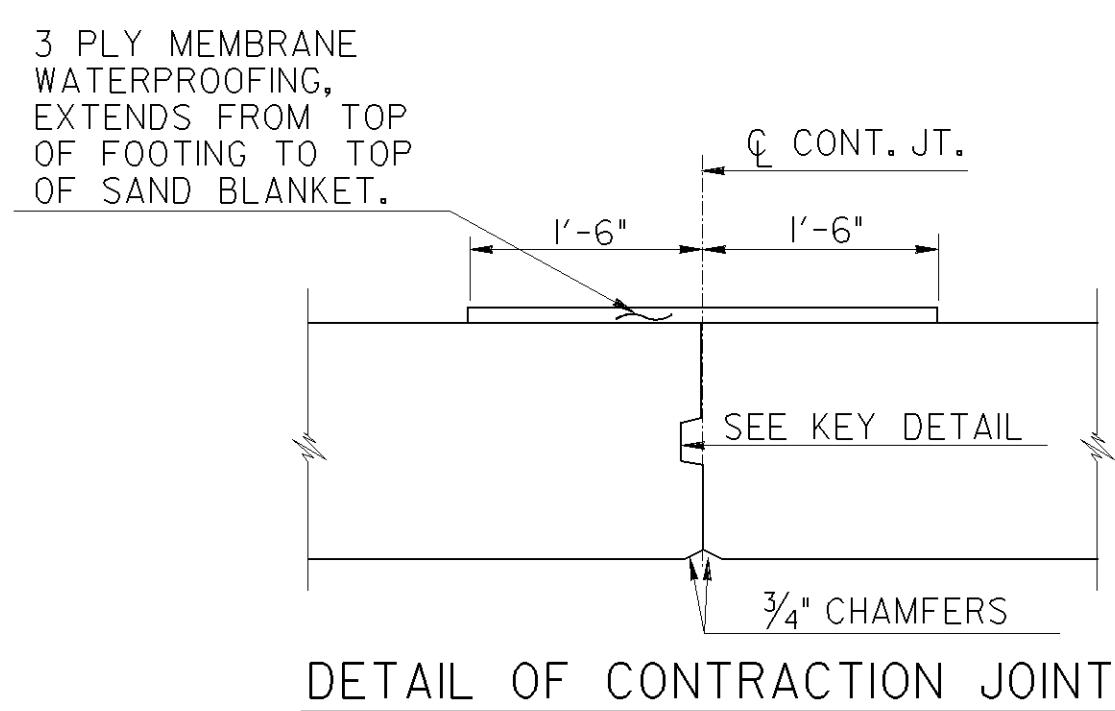


UNDERDRAIN DETAILS

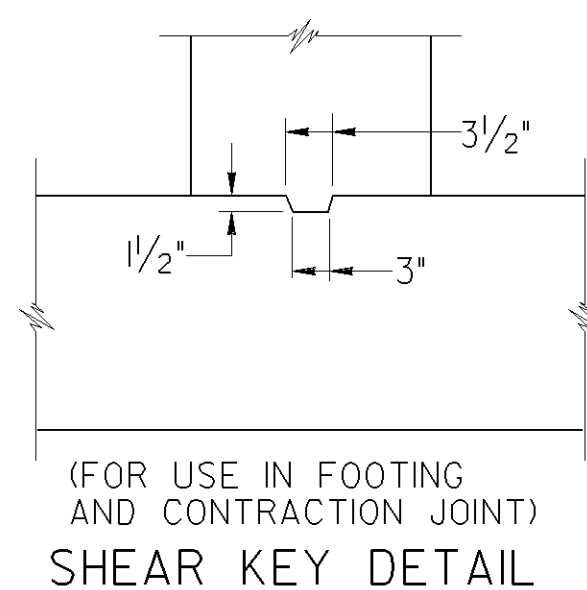
SEE GEN. NOTE 9
FOR ALTERNATE



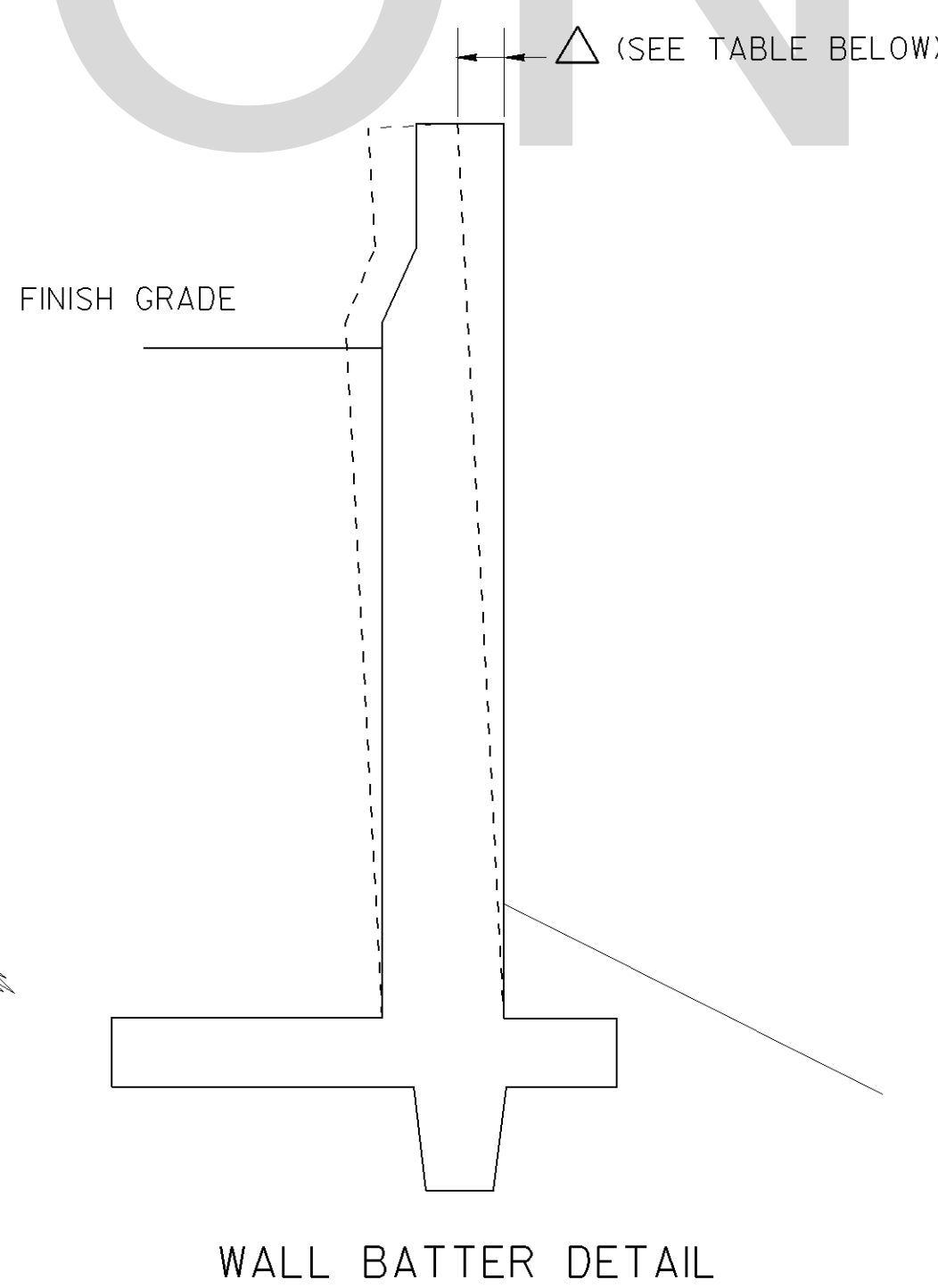
DETAIL OF EXPANSION JOINT



DETAIL OF CONTRACTION JOINT

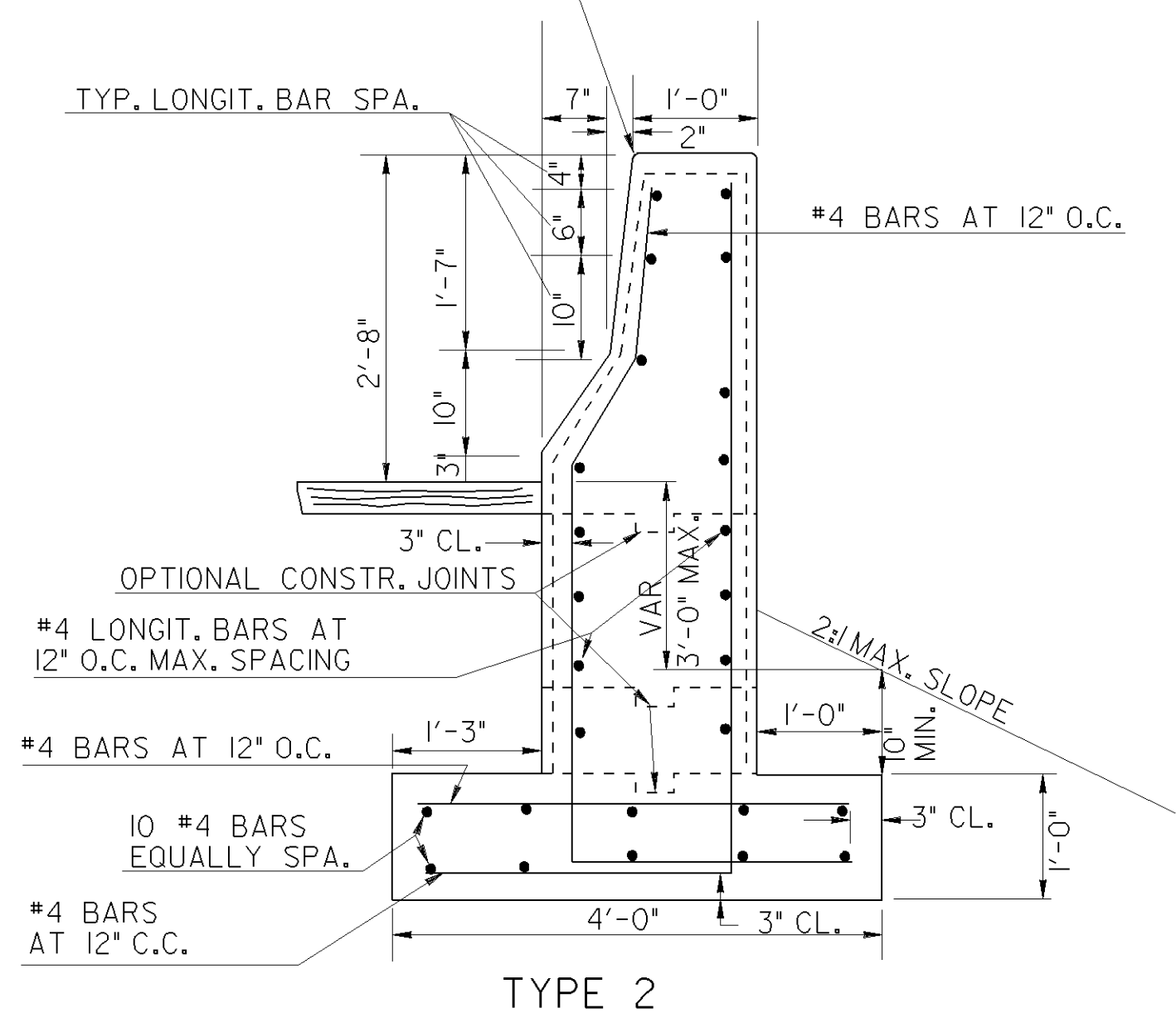


SHEAR KEY DETAIL



WALL BATTER DETAIL

1/2" ROUNDING (DO NOT CHAMFER)



GENERAL NOTES:

- AT CONTRACTOR'S OPTION, SIDES OF FOOTING KEY MAY BE VERTICAL. MAINTAIN WIDTH SHOWN AT TOP OF KEY. BACKFILL FRONT FACE OF WALL FIRST.
- UNDERDRAIN SYSTEM PER DETAILS AT BOTTOM LEFT AND/OR NOTE 9 IS REQUIRED FOR TYPES 2-A, 2-B, AND 2-C.
- EXPOSED CONCRETE SURFACES SHALL RECEIVE A TYPE III FINISH.
- 1" EXPANSION JOINTS SHALL BE PROVIDED IN WALL, FOOTING AND KEY AT A MAXIMUM SPACING OF 100 FT. EXPANSION JOINTS SHALL BE SPACED UNIFORMLY.
- CONTRACTION JOINTS SHALL BE AS SPECIFIED FOR SIDE BARRIER, GA. STD. 4948A.
- EXPANSION AND CONTRACTION JOINTS IN TYPES 2-A, 2-B, AND 2-C SIDE BARRIER SHALL BE WATERPROOFED ON THE BACK SIDE. WATERPROOFING SHALL BE 3-PLY AND EXTEND FROM TOP OF SAND BLANKET TO TOP OF FOOTING FOR 1'-6" MIN. EACH SIDE OF JOINT.
- TYPES 2, 2-A, 2-B, AND 2-C SIDE BARRIER SHALL BE PAID FOR PER LIN. FT. AS CONCRETE SIDE BARRIER, TYPE 2, 2A, 2B, OR 2C PRICE BID TO INCLUDE COST OF WATERPROOFING AND ALL INCIDENTALS AS SPECIFIED IN SECTION 621 OF THE STD. SPEC.
- SIDE BARRIER DESIGNED FOR THE FOLLOWING SOIL PROPERTIES:
 θ = ANGLE OF INTERNAL FRICTION 28°
 γ = UNIT WEIGHT = 110 PCF
 m = COEFF. OF SLIDING FRICTION = .45
- A SYNTHETIC DRAINAGE BLANKET SELECTED FROM THE DEPARTMENT'S QUALIFIED PRODUCTS LIST IS AN ACCEPTABLE SUBSTITUTE FOR THE SAND BLANKET, BAG OF STONE, AND MESH SCREEN SHOWN IN THE UNDERDRAIN DETAILS.

DEPARTMENT OF TRANSPORTATION		STATE OF GEORGIA	
STANDARD		CONCRETE SIDE BARRIER	
TYPES 2, 2A, 2B & 2C		NO SCALE	
NO SCALE		DEC., 1999	
NUMBER		4948B	
DES. (SUBMITTED) <i>B. A. Smith</i>		STATE ROAD & AIRPORT DESIGN ENGINEER	
DRW. (APPROVED) <i>O. L. Smith</i>		CHIEF ENGINEER	
TRA.			
CHK.			