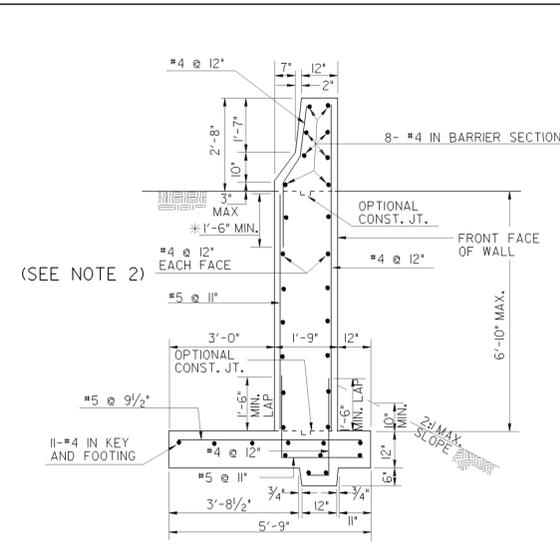


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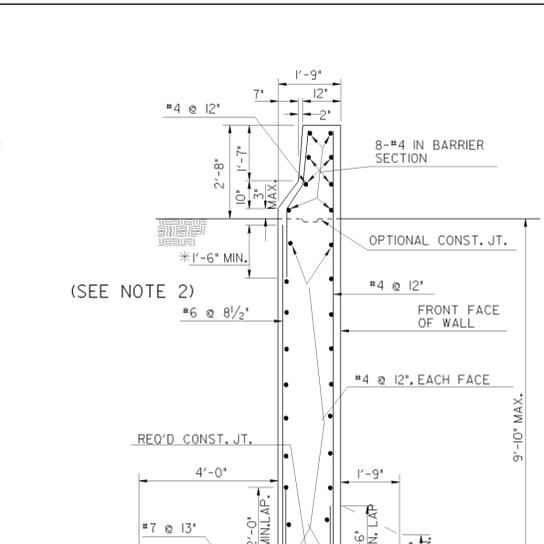
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RELEASED FOR CONSTRUCTION - 12/05/11

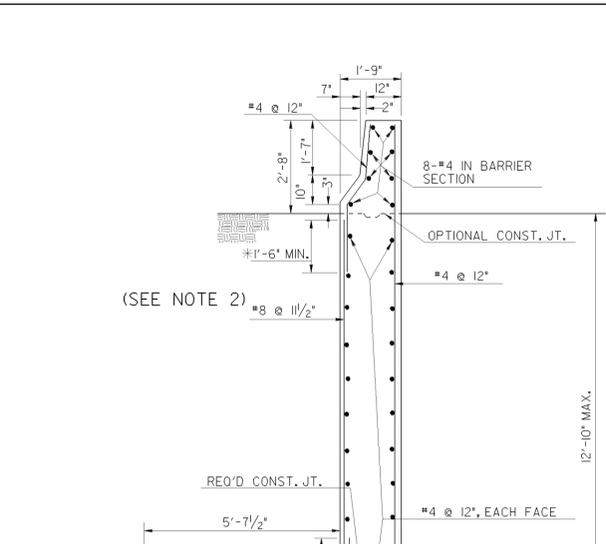


TYPE 2-A SIDE BARRIER

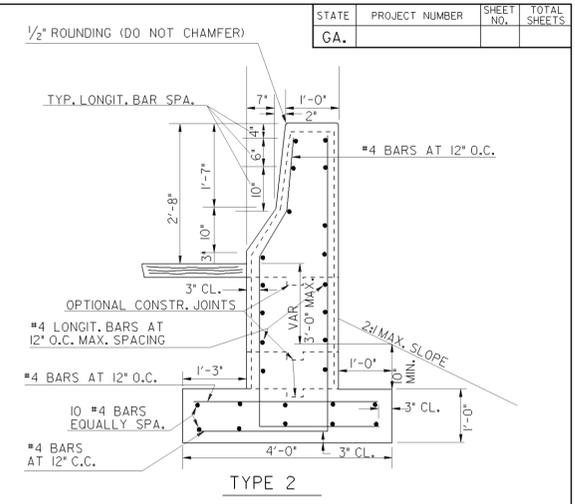
REQ'D SOIL BEARING CAPACITY	
TYPE	CAPACITY, TONS/SF
2-A	1.25
2-B	1.25
2-C	1.5
2	1.0



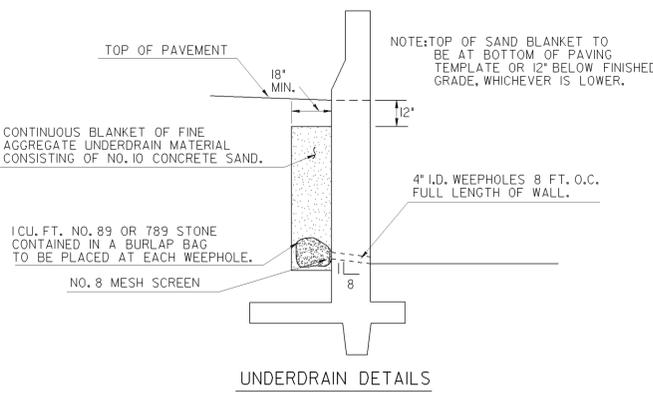
TYPE 2-B SIDE BARRIER



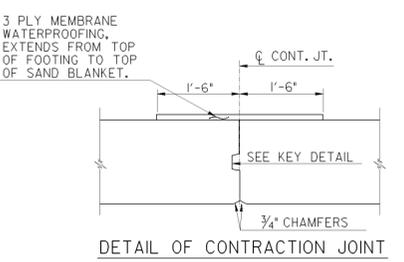
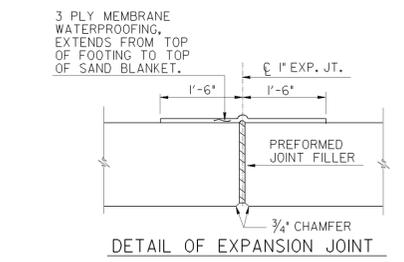
TYPE 2-C SIDE BARRIER



- 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  
 A = 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.

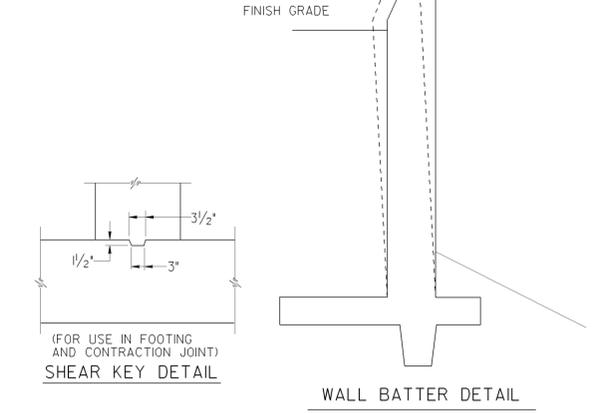


UNDERDRAIN DETAILS



DETAIL OF CONTRACTION JOINT

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



WALL BATTER DETAIL

ADDED BAR LAP NOTE AND WALL BATTER DETAIL.	DATE	DEPARTMENT OF TRANSPORTATION
	REVISION	STATE OF GEORGIA
NO SCALE		DEC., 1999
DES. (SUBMITTED) <i>[Signature]</i>		NUMBER
BY STATE ROAD & AIRPORT DESIGN ENGINEER		4948B
TRA. (APPROVED) <i>[Signature]</i>		
CHK. CHIEF ENGINEER		

**THE LPA GROUP**  
**TRANSPORTATION CONSULTANTS**  
 A UNIT OF MICHAEL BAKER CORPORATION  
 3595 ENGINEERING DRIVE  
 NORCROSS, GEORGIA 30092  
 (770) 263-9118

REVISION DATES

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE: INNOVATIVE PROGRAM DELIVERY  
 GEORGIA STANDARDS