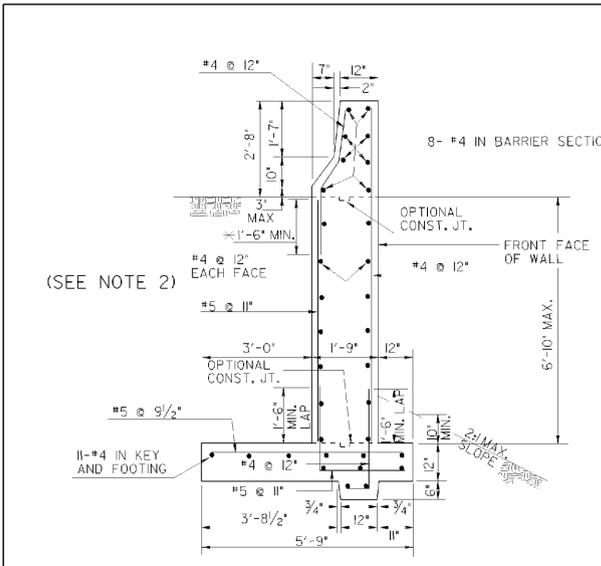


AS-BUILT PLANS - 08/30/13

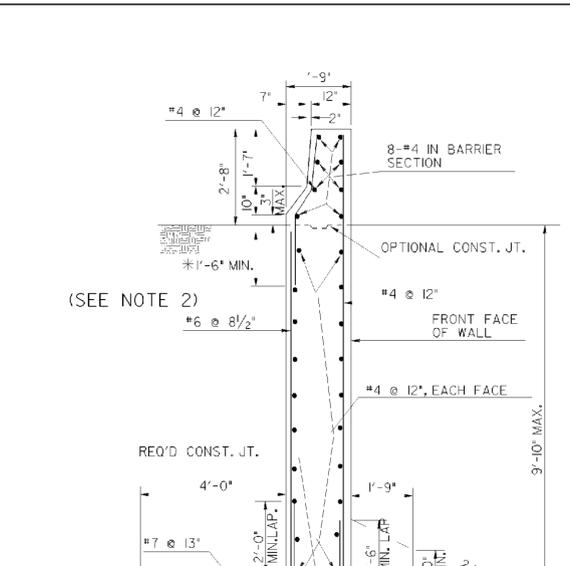
8/23/2007 11:44:29 AM 116651 12011500PL0110671001111_001.dwg 0009542\DWG\Const Standards\4948B.dgn 4948B.dwg 4948B.dwg 100



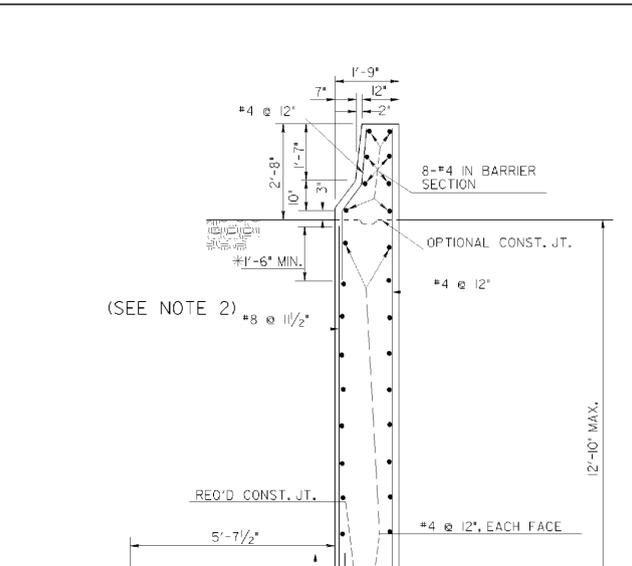
TYPE 2-A SIDE BARRIER

RED'D SOIL BEARING CAPACITY

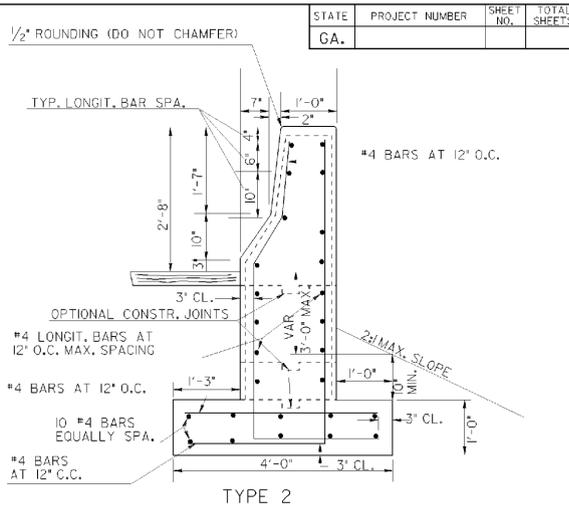
TYPE	CAPACITY, TONS/SF
2-A	1.25
2-B	1.25
2-C	1.5
2	1.0



TYPE 2-B SIDE BARRIER

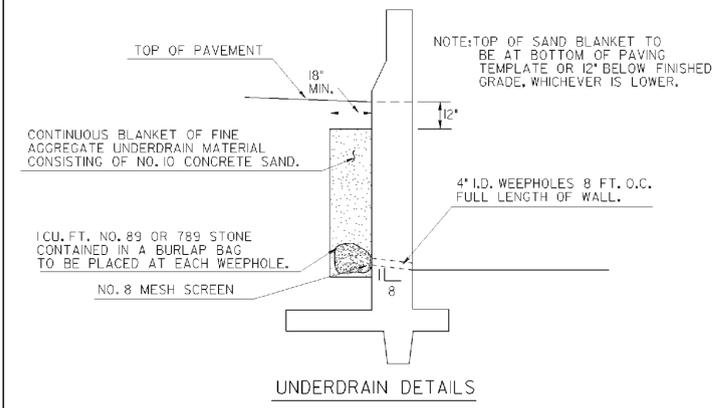


TYPE 2-C SIDE BARRIER



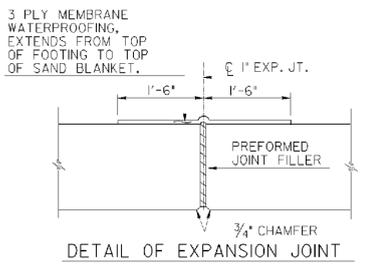
TYPE 2

- 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.

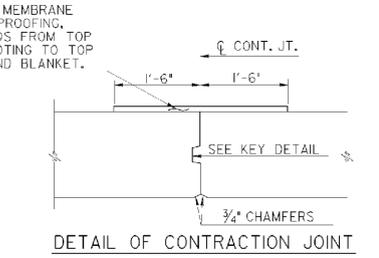


UNDERDRAIN DETAILS

SEE GEN. NOTE 9 FOR ALTERNATE

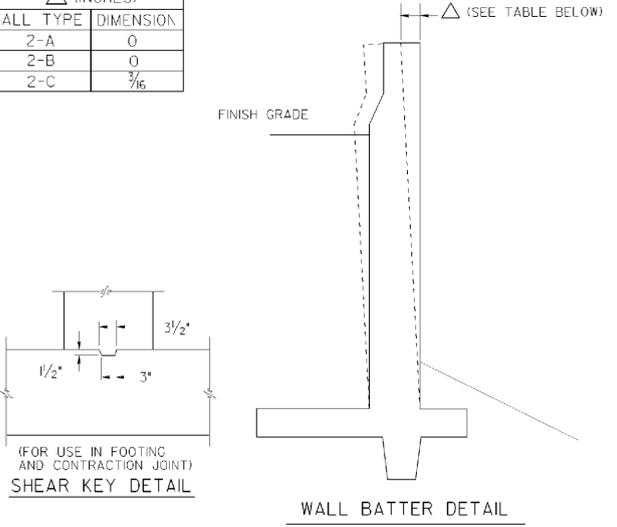


DETAIL OF EXPANSION JOINT



DETAIL OF CONTRACTION JOINT

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



WALL BATTER DETAIL

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

THE LPA GROUP
TRANSPORTATION CONSULTANTS
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(770) 263-9118

REVISION DATES

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