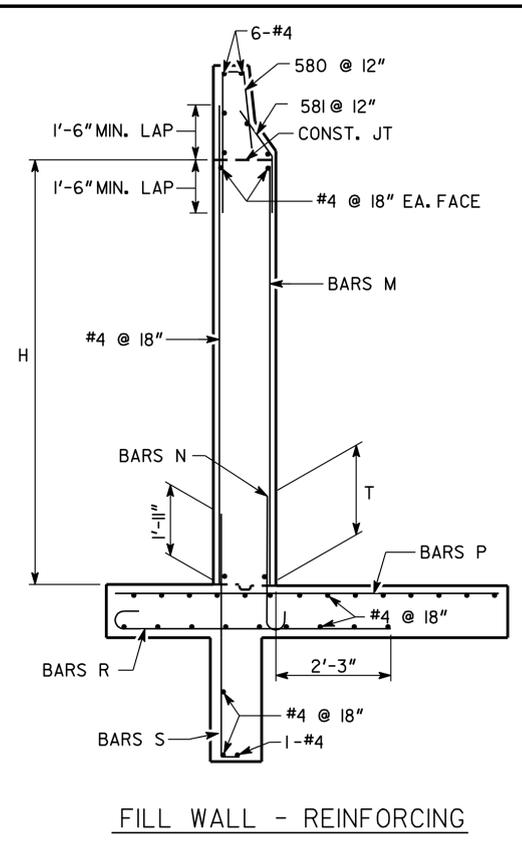


FILL WALL

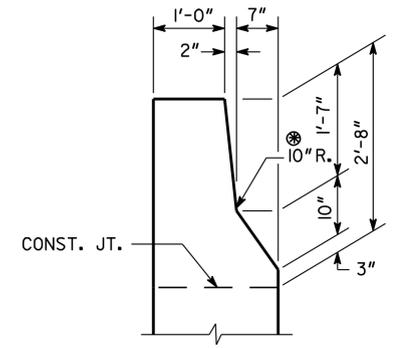


FILL WALL - REINFORCING

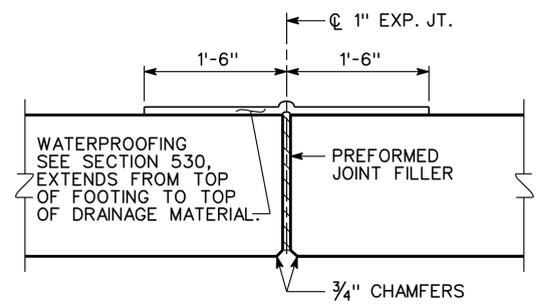
WALL	DIMENSIONS							REINFORCING					MIN. LAP	Δ (IN)
	MAX. H	C	D	E	F	G	W	M	N	P	R	S		
2A	11'-0"	2'-3"	6'-0"	1'-3"	2'-0"	1'-0"	10'-0"	#8 @ 12"	#8 @ 12"	#8 @ 12"	#6 @ 11"	#5 @ 10"	5'-0"	0
2B	8'-0"	2'-0"	4'-9"	1'-0"	1'-3"	1'-0"	8'-6"	#8 @ 12"	#8 @ 12"	#6 @ 10"	#5 @ 10"	#5 @ 10"	5'-0"	0
2C	12'-6"	2'-9"	6'-0"	1'-6"	2'-9"	1'-0"	10'-6"	#8 @ 12"	#8 @ 12"	#7 @ 10"	#7 @ 12"	#5 @ 10"	5'-0"	1/8"
7	9'-6"	2'-3"	5'-0"	1'-0"	1'-9"	1'-0"	9'-0"	#8 @ 12"	#8 @ 12"	#7 @ 11"	#5 @ 10"	#5 @ 10"	5'-0"	0
8	5'-3"	1'-9"	4'-0"	1'-0"	NA	NA	7'-6"	#8 @ 12"	#8 @ 12"	#5 @ 10"	#5 @ 10"	#5 @ 10"	5'-0"	0
9	12'-6"	2'-9"	6'-0"	1'-6"	2'-9"	1'-0"	10'-6"	#8 @ 12"	#8 @ 12"	#7 @ 10"	#7 @ 12"	#5 @ 10"	5'-0"	1/8"

WALL 4 & 5	DIMENSIONS						REINFORCING					MIN. LAP	Δ (IN)	
	MAX. H	A	B	C	D	E	W	M	N	P	R			S
DESIGN 1	6'-0"	1'-3"	2'-5"	1'-0"	2'-6"	1'-0"	4'-6"	#5 @ 12"	#5 @ 12"	#5 @ 10"	#5 @ 10"	#5 @ 10"	2'-2"	1/8"
DESIGN 2	7'-6"	1'-3"	3'-5"	1'-0"	3'-3"	1'-0"	5'-6"	#5 @ 10"	#5 @ 10"	#5 @ 10"	#5 @ 10"	#5 @ 10"	2'-2"	1/4"
DESIGN 3	9'-6"	1'-3"	4'-11"	1'-0"	4'-3"	1'-0"	7'-0"	#8 @ 12"	#8 @ 12"	#7 @ 11"	#5 @ 10"	#5 @ 10"	5'-0"	3/8"

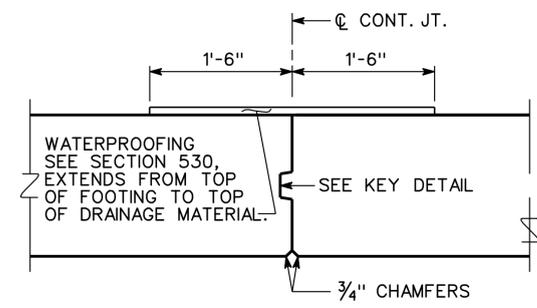
⊗ AT CONTRACTOR'S OPTION, 10" RADIUS MAY BE REPLACED BY STRAIGHT INTERSECTING SLOPES.



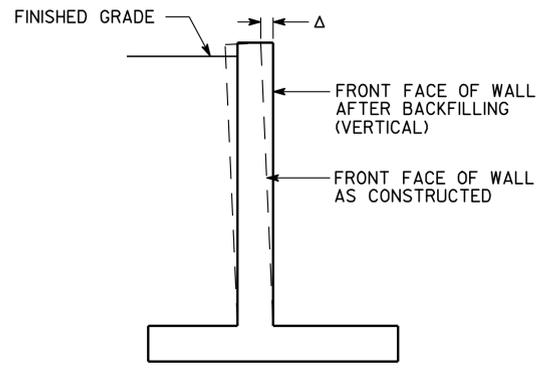
BARRIER SHAPE DETAIL



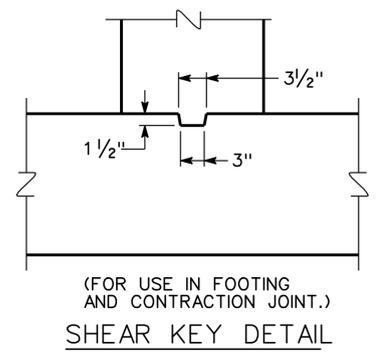
DETAIL OF EXPANSION JOINT



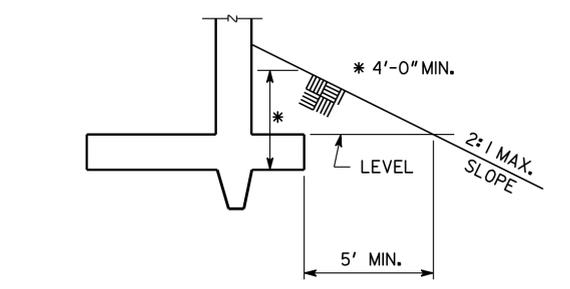
DETAIL OF CONTRACTION JOINT



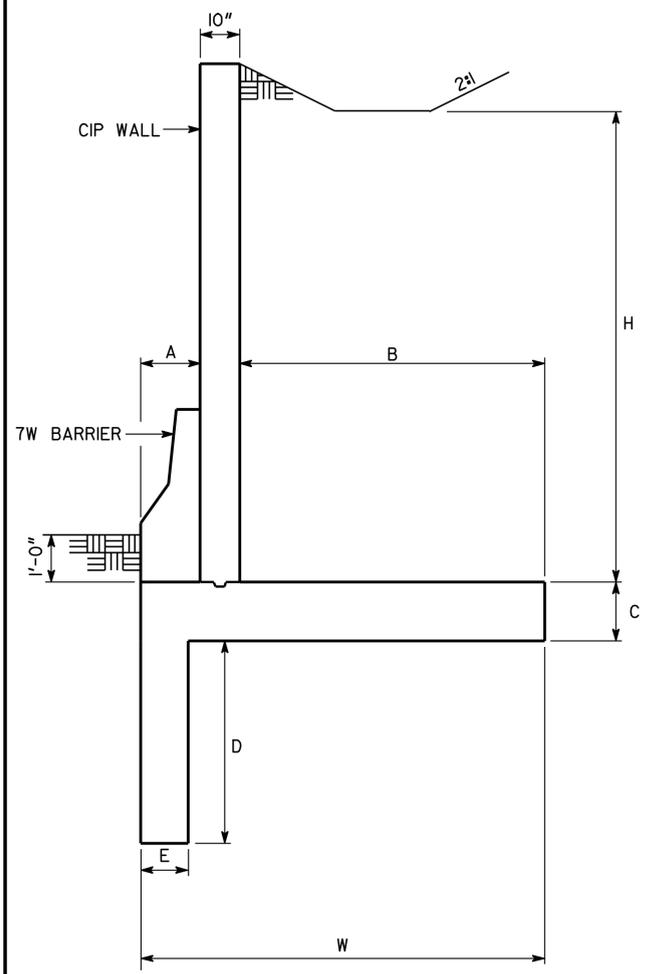
WALL BATTER DETAIL



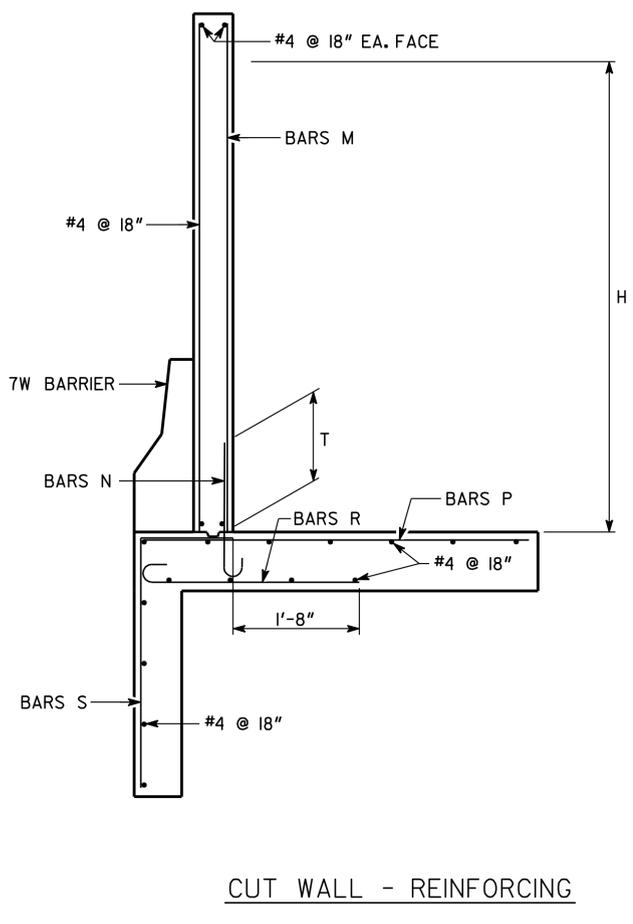
(FOR USE IN FOOTING AND CONTRACTION JOINT.)
SHEAR KEY DETAIL



DETAIL FOR SLOPE IN FRONT OF FILL WALL



CUT WALL



CUT WALL - REINFORCING

NOTES:

1. PLACE WEEPHOLES AND DRAINAGE MATERIAL AS SHOWN ON GA. STD. 9031L.
2. PROVIDE 1" EXPANSION JOINTS IN WALL STEM, FOOTING AND KEY AT A MAXIMUM SPACING OF 100'. SPACE EXPANSION JOINTS UNIFORMLY. STOP ALL LONGITUDINAL REINFORCING STEEL IN THE STEM, FOOTING AND KEY 3" CLEAR OF THE EXPANSION JOINTS.
3. SPACE CONTRACTION JOINTS IN WALL STEM AT 30' MAXIMUM AND 20' MINIMUM. STOP ALL LONGITUDINAL REINFORCING STEEL IN THE STEM 2" CLEAR OF THE CONTRACTION JOINTS.
4. WATERPROOF EXPANSION AND CONTRACTION JOINTS IN THE WALL STEM ON THE BACK SIDE. EXTENT OF WATERPROOFING SHALL BE FROM TOP OF DRAINAGE MATERIAL TO THE TOP OF FOOTING FOR 1'-6" MINIMUM EACH SIDE OF JOINT. SEE SECTION 530 OF THE GEORGIA DOT SPECIFICATIONS.
5. PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.
6. MAINTAIN 2" COVER ON ALL REINFORCING STEEL IN THE STEM AND 3" COVER IN THE FOOTING AND KEY.
7. BACKFILL - PLACE BACKFILL ON FRONT FACE SIDE OF WALL BEFORE BACKFILLING BACK FACE SIDE OF WALL.
8. SEE PLAN AND ELEVATIONS SHEETS FOR DESIGN DETAILS.
9. PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.

WALL NO. 1, 2, 4, 5, 6, 7, 8, & 9

		THE LPA GROUP INCORPORATED TRANSPORTATION CONSULTANTS 3505 ENGINEERING DRIVE NORCROSS, GEORGIA 30092 (770) 263-9118	
GEORGIA DEPARTMENT OF TRANSPORTATION ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES			
CIP WALL SECTIONS I-20 CD LANES		DEKALB COUNTY 0009542	
SCALE: NONE		DECEMBER 2011	
DESIGNED	BSB	CHECKED	ANZ
DRAWN	BSB	DESIGN GROUP	AWB
REVIEWED	WEI/WMD	APPROVED	BFR

DATE	BY	REVISIONS

DRAWING NO.	31-26
WALL SHEET	1 OF 1