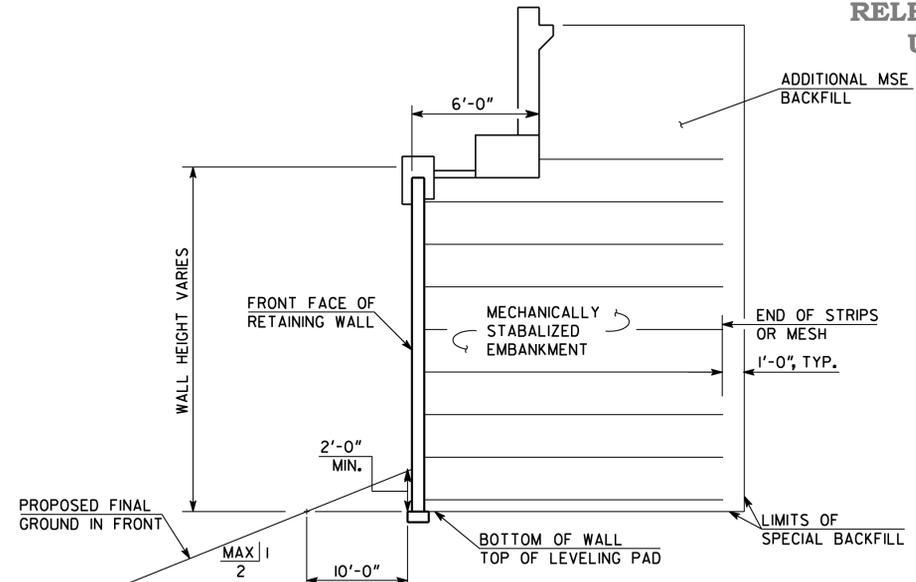
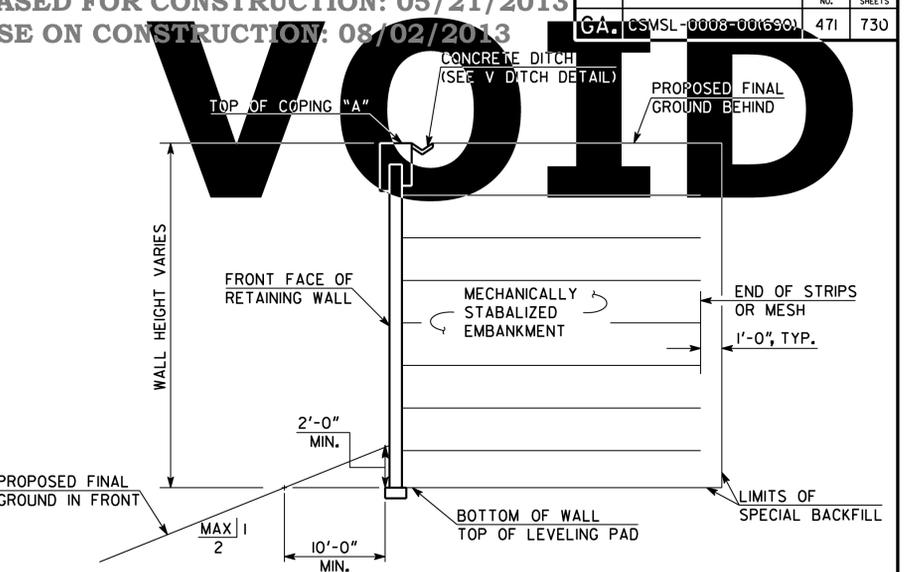


SECTION A-A
NOT TO SCALE



SECTION B-B
NOT TO SCALE



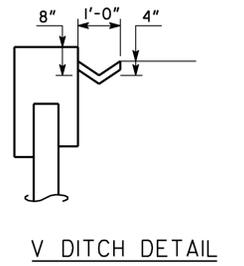
SECTION C-C
NOT TO SCALE

NOTES

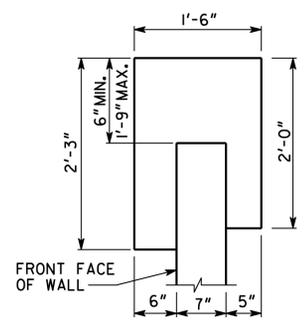
SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION AND 2008 SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.
 REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.
 FINISH - PROVIDE PLAIN CONCRETE FINISH.
 GRAFFITI PROOF COATING - ALL MSE WALL PANELS SHALL HAVE A GRAFFITI PROOF COATING AS PER SECTION 838 OF THE GEORGIA DOT SPECIFICATIONS.
 CONCRETE COVER - MAINTAIN 2 INCHES COVER MINIMUM ON ALL REINFORCING STEEL.
 STAGE CONSTRUCTION - THE WALLS MAY BE CONSTRUCTED IN STAGES TO IMPROVE THE UNDERLYING SOIL BEARING CAPACITY.
 JOINTS - PROVIDE ONE INCH EXPANSION JOINT IN COPING OR BARRIER AT EVERY FOURTH PANEL.
 WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.
 SERVICE STATE LIMITS - SHORT TERM LIMIT IS DEFINED AS SETTLEMENT TO TAKE PLACE DURING CONSTRUCTION. LONG TERM LIMIT IS DEFINED AS SETTLEMENT TO TAKE PLACE AFTER WALL CONSTRUCTION. TOTAL ESTIMATED SETTLEMENT IS DEFINED AS THE SUM OF SHORT TERM LIMIT AND LONG TERM LIMIT SETTLEMENTS. DESIGN WALL FOR TOTAL ESTIMATED SETTLEMENT TO OCCUR DURING WALL CONSTRUCTION. ALL THREE SETTLEMENT LIMITS ARE SHOWN BELOW:

WALL	SHORT TERM LIMIT, IN	LONG TERM LIMIT, IN	ESTIMATED TOTAL SETTLEMENT, IN
1	6	2	8
2	6	2	8
3	7	2	9
4	7	2	9
5	13	4	17
6	16	4	20
7	9	3	12
8	8	2	10
9	24	6	30
10	22	6	28
12A	3	1	4
12B	2	0.5	2.5

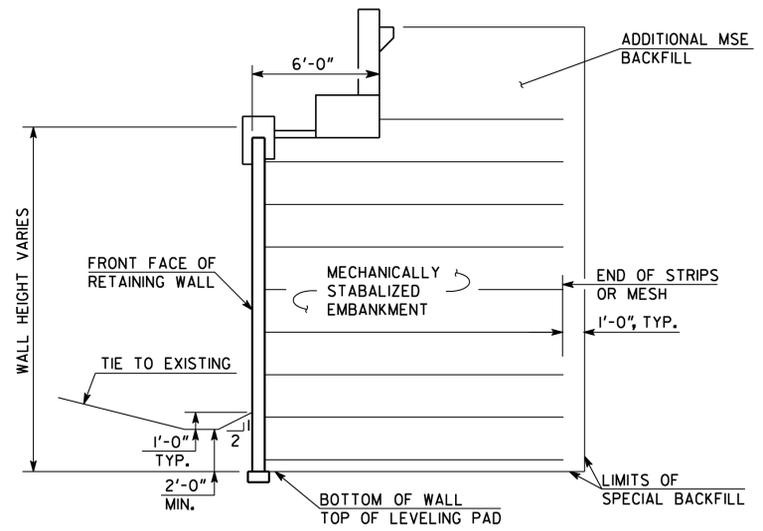
DESIGN CALCULATIONS - CONTRACTOR TO PROVIDE WALL DESIGN CALCULATIONS FOR REVIEW AND APPROVAL BY THE DEPARTMENT. CALCULATIONS FOR EACH WALL DESIGN SECTION SHALL INCLUDE THE VERIFICATION OF INTERNAL STABILITY AND EXTERNAL STABILITY, AS WELL AS A DETERMINATION OF THE BEARING CAPACITY AND ESTIMATED SETTLEMENT FOR THE APPROPRIATE LRFD LIMIT STATE.
 GROUNDWATER - A MINIMUM OF 18" OF MSE BACKFILL MAY BE REQUIRED DUE TO GROUNDWATER LEVELS AT TIME OF CONSTRUCTION, AT THE DIRECTION OF THE ENGINEER.
 WICK DRAINS - WICK DRAINS MAY BE USED AT THE CONTRACTORS OPTION TO REDUCE SETTLEMENT TIME. SEE ROADWAY PLANS, GENERAL NOTES, FOR INSTALLATION DETAILS.
 SOIL REMOVAL/STABILIZATION - SOIL REMOVAL/STABILIZATION IS REQUIRED AT WALLS 9, 10, 11, AND 12A, SEE ROADWAY PLANS, GENERAL NOTES FOR DETAILS. TREATMENT SHALL EXTEND A MINIMUM OF 5 FT BEYOND LIMITS OF MSE GEOGRID REINFORCING.



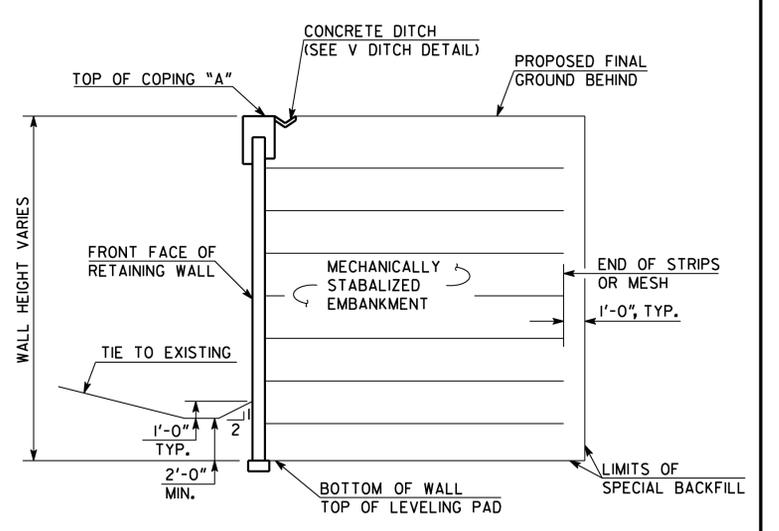
V DITCH DETAIL



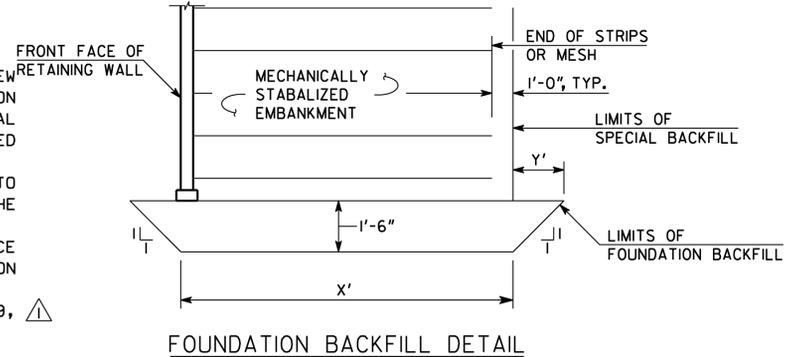
C.I.P. COPING, A



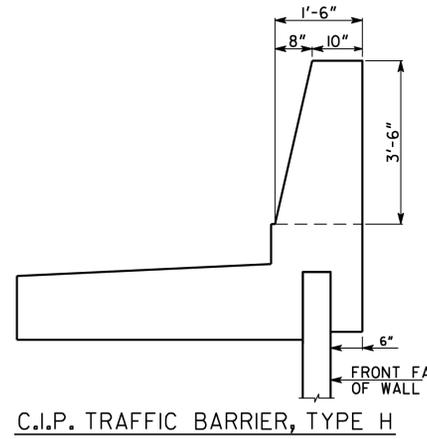
SECTION D-D
NOT TO SCALE



SECTION E-E
NOT TO SCALE



FOUNDATION BACKFILL DETAIL



C.I.P. TRAFFIC BARRIER, TYPE H

WALLS 1-13

THE LPA GROUP INCORPORATED
 TRANSPORTATION CONSULTANTS
 3095 ENGINEERING DRIVE
 NORCROSS, GEORGIA 30092
 (770) 455-5118

GEORGIA
DEPARTMENT OF TRANSPORTATION
 ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

WALL SECTIONS AND DETAILS - MSE
 JIMMY DELOACH CONNECTOR
 CHATHAM COUNTY CSMSL-0008-00(690)

SCALE: NONE JULY 2013

DESIGNED	BSB	CHECKED	ANZ	REVIEWED	WMD/DLC
DRAWN	BSB	DESIGN GROUP	AWB/SKG	APPROVED	BFR