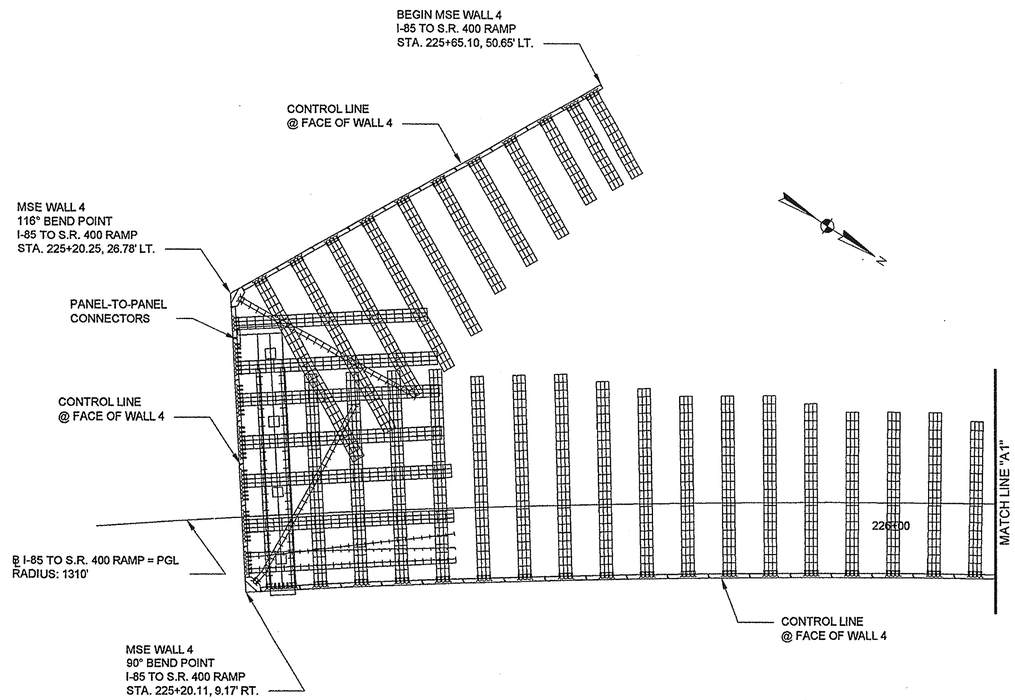
P:\AA_Project File\12 Projects\12010-SR 400-I 85, Fulton County, GA\CAD\12010 MSE BASE_REV 4.dwg



PLAN VIEW ~ WALL 4

NOTES:

1. DIMENSIONS FOR WALLS ARE GIVEN ALONG FRONT FACE OF PANEL.
2. STATIONS AND OFFSETS ARE ALONG THE FRONT FACE OF PANEL.
3. ELEVATIONS ARE TO THE TOP OF COPING OR TOP OF LEVELING PAD.
4. REFERENCE CONTRACT DRAWINGS FOR LOCATION OF DRAINAGE STRUCTURES AND DETAILS NOT SHOWN IN HERE.
5. EXISTING GROUND LINE MAY NOT BE SHOWN FOR CLARITY. REFERENCE CONTRACT DRAWINGS FOR LOCATION.
6. REFERENCE PANEL DETAILS AND PANEL SCHEDULES FOR SPECIFIC PANEL DETAILS.
7. CONTRACTOR TO VERIFY THE APPROXIMATE ACHIEVED SHORT TERM SETTLEMENTS PRIOR TO CASTING THE TOP ROW PANELS TO BE CERTAIN THE HEIGHT OF THESE PANELS HAVE AN ADEQUATE EMBEDMENT INTO THE COPING/BARRIER.

SOIL REINFORCING SCHEDULE

WELDED WIRE MESH

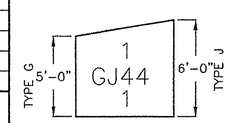
TYPE	LONG SIZE	TRAN SIZE	LONG SPACE	TRAN SPACE	SR WIDTH
1	W11.0	W11.0	0'–6"	0'–6"	1'–6"
2	W11.0	W11.0	0'–6"	1'–0"	1'–6"
3	W15.0	W15.0	0'–6"	1'–6"	1'–6"
4	W20.0	W20.0	0'–6"	2'–0"	1'–6"
5	W20.0	W20.0	0'–6"	2'–0"	2'–6"

1. FABRICATION SPECIFICATIONS PER ASTM A82/A185/A123
2. LENGTH OF SOIL REINFORCING = B GIVEN UNDER DIMENSION LINE

PRECAST STANDARD PANEL SCHEDULE

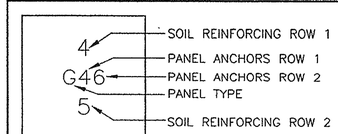
TYPE	PANEL LENGTH	PANEL HEIGHT	SR ROWS PER PANEL	SR MATS PER ROW	TYPE	PANEL LENGTH	PANEL HEIGHT	SR ROWS PER PANEL	SR MATS PER ROW
A	5'–0"	2'–0"	1	1	H	5'–0"	5'–6"	2	1
B	5'–0"	2'–6"	1	1	J	5'–0"	6'–0"	3	1
C	5'–0"	3'–0"	1	1	K	5'–0"	6'–6"	3	1
D	5'–0"	3'–6"	2	1	L	5'–0"	7'–0"	3	1
E	5'–0"	4'–0"	2	1	M	5'–0"	7'–6"	3	1
F	5'–0"	4'–6"	2	1	Y	5'–0"	3'–9"	2	1
G	5'–0"	5'–0"	2	1	Z	5'–0"	6'–3"	3	1

"T" BEFORE TYPE DESIGNATES TOP PANEL (TOP PANEL TO HAVE 2–#4' CAST IN AT 1/4 PTS)
"P" BEFORE TYPE DESIGNATES BOTTOM PANEL
DOUBLE TYPE DESIGNATES SLOPED PANEL



SLOPING PANEL ATTRIBUTE

PANEL DEFINITION



PANEL TYPE = G (5'–0" x 5'–0" x 6")
ROW ONE ANCHORS = 4
ROW TWO ANCHORS = 6
SOIL REINFORCING ROW 1 = TYPE–4
SOIL REINFORCING ROW 2 = TYPE–5

DATE: FEB 11 2013
Approved in general. Details not checked. This approval shall not relieve the Contractor of any responsibility for conformity with the contract Plans and Specifications.
Georgia DOT
Office of Bridge Design
By: Tone

DATE: 1/10/13
Approved in general, details not checked. This approval shall not relieve the Contractor of any responsibility for conformity with the contract Plans and Specifications.
Heath & Lineback Engineers, Inc.
By: Vaw

GEORGIA REGISTERED No. PE036989 PROFESSIONAL ENGINEER CHRISTOPHER M. ISTANO
1-8-13

REV NO.	DATE	BY	DESCRIPTION			
				DESIGNED	ES	01/2013
				DES. CHK	CMS	01/2013
				DRAWN BY	MWC	01/2013
				DWG. CHK	ES	01/2013

T&B STRUCTURAL SYSTEMS
6800 MANHATTAN BLVD. - STE 304
FT. WORTH, TEXAS 76120, 888-280-9850
CA 12037583 • www.tbssus.com

S.R. 400/I-85-DESIGN BUILD
FULTON COUNTY, GA.
PROJECT: NH-85-2(153)
P.I. No.: 762380

LAYOUT WALL 4
STEET 2 OF 3

CONTRACTOR
ARCHER WESTERN

CONTRACTOR PN

TBSS PROJECT NUMBER 12010.6

DWG NO. 9

THIS DRAWING IS THE PROPERTY OF T&B STRUCTURAL SYSTEMS, LLC AND CONTAINS PROPRIETARY INFORMATION FOR USE WITH THIS PROJECT ONLY. THE DESIGN CONTAINED HEREIN IS BASED ON INFORMATION SUPPLIED BY OTHERS. TBSS IS CERTIFYING INTERNAL STABILITY OF THE STRUCTURE ONLY. EXTERNAL STABILITY REQUIREMENTS ARE THE RESPONSIBILITY OF OTHERS..
© T&B STRUCTURAL SYSTEMS, LLC (2013)

1/8/2013 6:59:10 AM
mcate