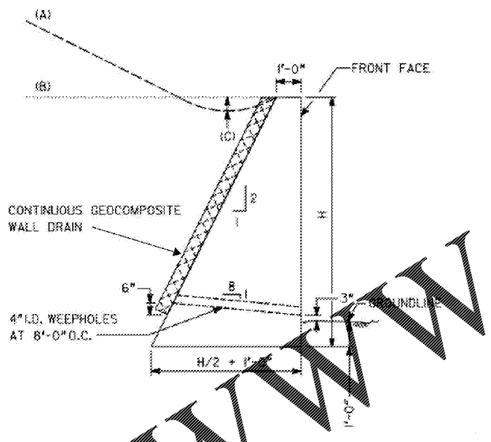

GENERAL NOTES:

1. GRAVITY WALLS SHALL NOT BE USED WHEN HORIZONTAL DISTANCE FROM EDGE OF TRAVEL WAY TO FRONT FACE OF WALL IS LESS THAN (H + 1'0").
2. GRAVITY WALLS DESIGNED FOR THE FOLLOWING SOIL PROPERTIES:

	FOUNDATION	BACKFILL
COHESION =	0 PSF	0 PSF
θ =	28°	28°
UNIT WEIGHT =	120 PCF	120 PCF

3. EXPANSION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 30'-0" AND EXTEND THROUGH THE WALL. CONTRACTION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 30'- 0".
4. GRAVITY WALLS WITH A VERTICAL FRONT FACE SHALL BE PAID FOR AS "CLASS B CONCRETE OR MORTAR RUBBLE MASONRY, RETAINING WALL". GRAVITY WALLS WITH A BARRIER FRONT FACE SHALL BE PAID FOR AS "CLASS A CONCRETE, RETAINING WALL". WATERPROOFING, JOINT FILLER, WALL DRAIN AND OTHER INCIDENTAL ITEMS SHALL BE INCLUDED IN OVERALL BID SUBMITTED.
5. A CONCRETE DITCH DETAIL FOR THE TOP OF THE WALL SHOULD BE INCLUDED IN THE ROADWAY PLANS WHEN WATER IS FLOWING TOWARDS THE BACK OF THE WALL. SEE CONSTRUCTION DETAIL D-49.
6. FINISH EXPOSED SURFACES OF THE WALL WITH A TYPE III FINISH.
7. APPLY GRAFFITI PROOF COATING AS PER SECTIONS 500 AND 838 OF THE GEORGIA DOT SPECIFICATIONS.
8. ALL NECESSARY FENCE AND HANDRAIL SHOULD BE INCLUDED IN THE ROADWAY PLANS WHEN APPROPRIATE.
9. GRAVITY WALL TYPICAL SECTIONS A, B, AND C HAVE BEEN DESIGNED PER THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 7TH EDITION, 2014.

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Sheet No. C-15

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 36239 CASEY EVERETT GUYTON

SOUTH CAROLINA KECK & WOOD, INC. No.CC0617 CERTIFICATE OF AUTHORIZATION

REV-5	DATE	PRN	PM	DES	DRW
	08/05/20	MM	GS	CG	CG

Site Details
Murphy Express
4404 Augusta Road
Keck & Wood Project No. 180167

Keck+Wood
COLLABORATION BY DESIGN
4055 Faber Place Drive, Suite 210
North Charleston, SC 29405
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MURPHY OIL USA, INC.
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EL DORADO, AR 71730

MURPHY USA