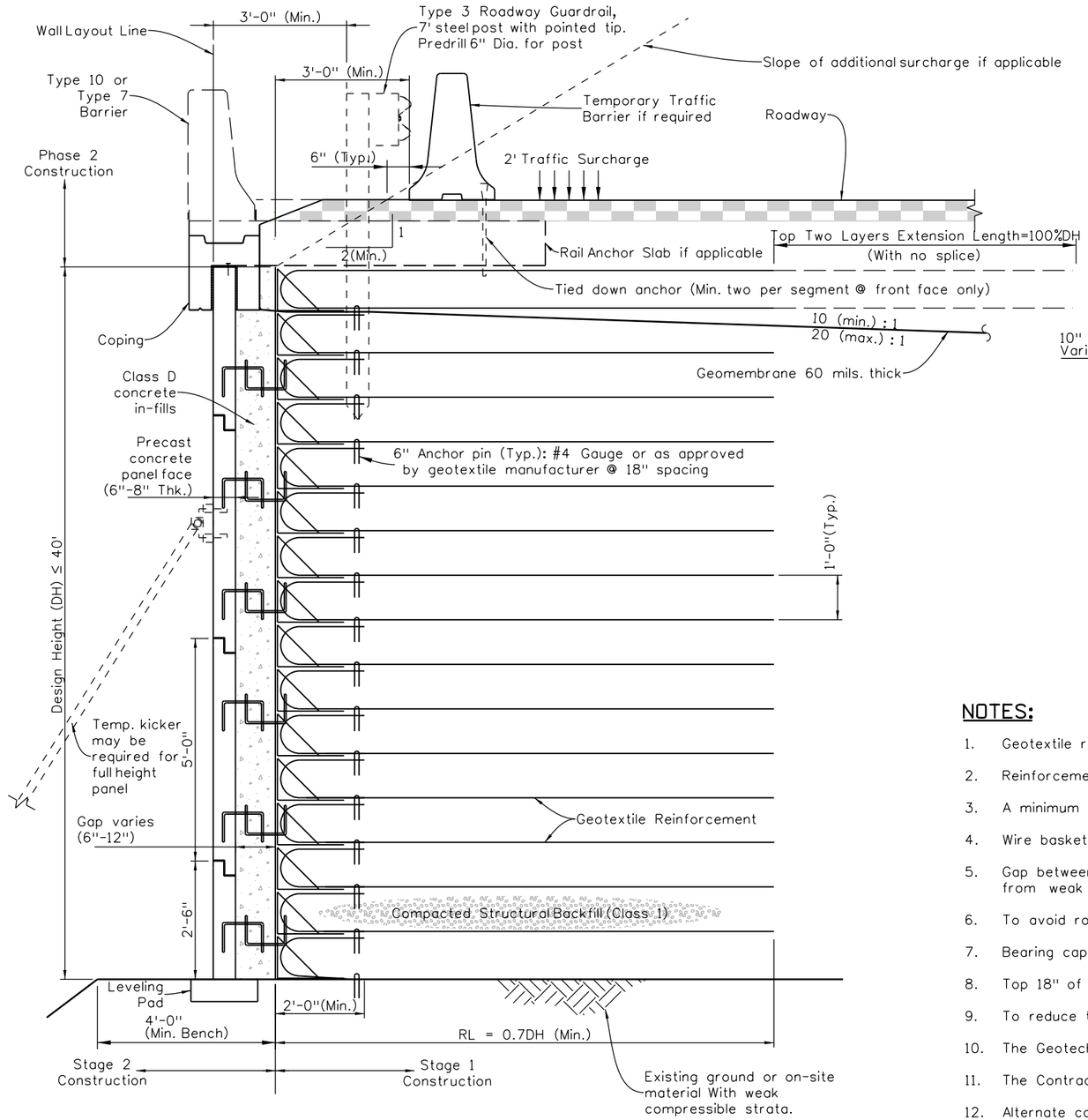
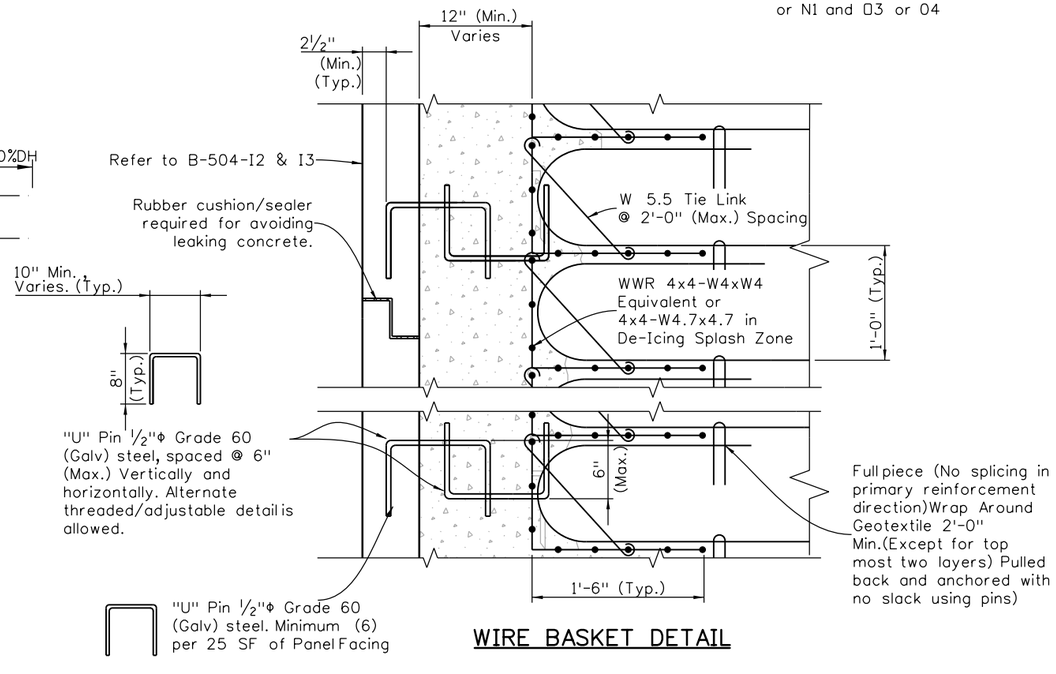
This sheet must be accompanied with
B-504-L1 and 01
or M1 and 02
or N1 and 03 or 04



SECTION VIEW

(Coping as shown, Rail Anchor Slab/Beam if applicable)



WIRE BASKET DETAIL

NOTES:

1. Geotextile reinforcement shall be biaxial woven geotextile with minimum average roll value of 4800 lb./ft. based on ASTM D4595.
2. Reinforcement length (RL) equal to a mimimum of 0.7 DH; truncated base is not allowed.
3. A minimum of 4 "U" pins shall be used per segmental panel and/or a min. of one pin per 6 square feet for full height panel;.
4. Wire basket and tie link shall be coated with epoxy.
5. Gap between panel and wire basket shall be filled with Class D concrete with modified higher slump. Gap shall not be filled until settlement from weak compressible layers reaches target or predicted values.
6. To avoid roadway pavement tension cracks, the top most two layers of soil reinforcement shall be extended an additional 100%DH in length.
7. Bearing capacity and amount of settlement from substrate shall be checked and covered in geotechnical report.
8. Top 18" of existing ground or on-site material shall be compacted to a density of at least 95% of maximum according to AASHTO T180.
9. To reduce time required for consolidation additional temporary fill may be placed at the top of wall with 2(Min.)(H):1(V) slope.
10. The Geotechnical Engineer shall specify the duration of time between Stage 1 and Stage 2, and the amount of expected settlement.
11. The Contractor shall provide stamped and sealed shop drawing for panel facing and panel to wire basket detail.
12. Alternate cast-in-place one side formed facing may be submitted by the Contractor as alternative for approval.
13. The top most wrap around shall be a full piece of "U" fabric in the main (principle) direction with a minimum of 10'-0" roll width.
14. A minimum of 1'-0" overlapping (as a non-principle direction splice) is required between fabric rolls.

Revision Dates (Preliminary Stage Only)
09-16

Quantities	INITIAL	DATE
Quantities By		
Checked By		

Detail	INITIAL	DATE
Detailed By		
Checked By		

Design	INITIAL	DATE
Designed By		
Checked By		

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Print Date: 9/6/2016	Sheet Revisions		
File Name: Sheet_B-504-T2.dgn	Date:	Comments	Init.
Horiz. Scale: NTS Vert. Scale: As Noted			
Staff Bridge Branch-Unit 0XXX Unit Leader Initials			

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Room 107
Denver, CO 80222
Phone: 303-757-9309 FAX: 303-757-9197
Staff Bridge Branch Initials

As Constructed	TWO-STAGE GRS WALL WITH PANEL FACING			Project No./Code
No Revisions:				Project Number
Revised:	Designer: XXXXXXX	Structure Numbers	Wall-X-XX-XX	Code
	Detailer: XXXXXXX		Wall-X-XX-XX	
Void:	Sheet Subset: Wall	Subset Sheets: WXX of XXX		Sheet Number