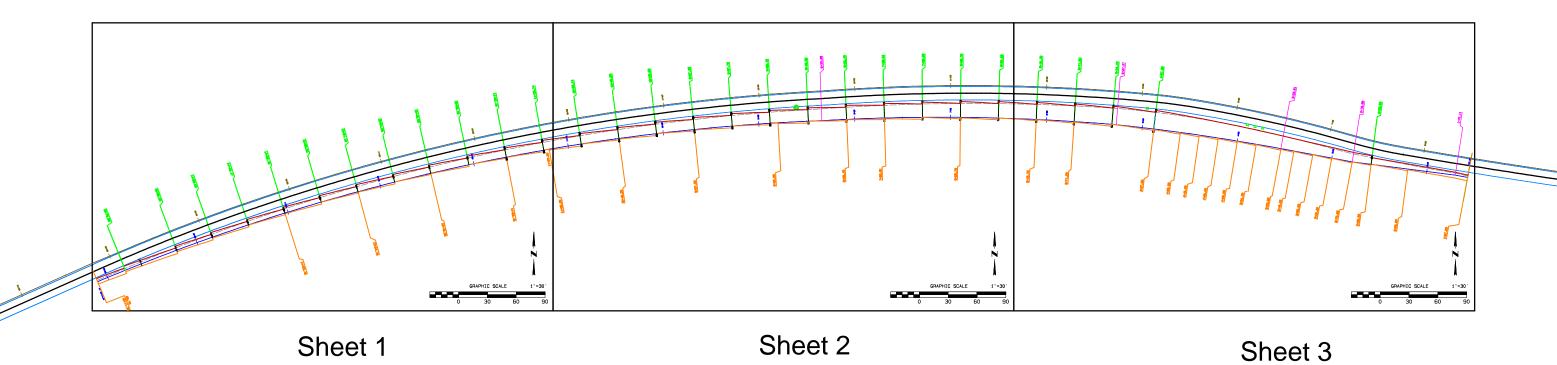
### **RE04 LAYOUT PACKAGE**

### **Contents**

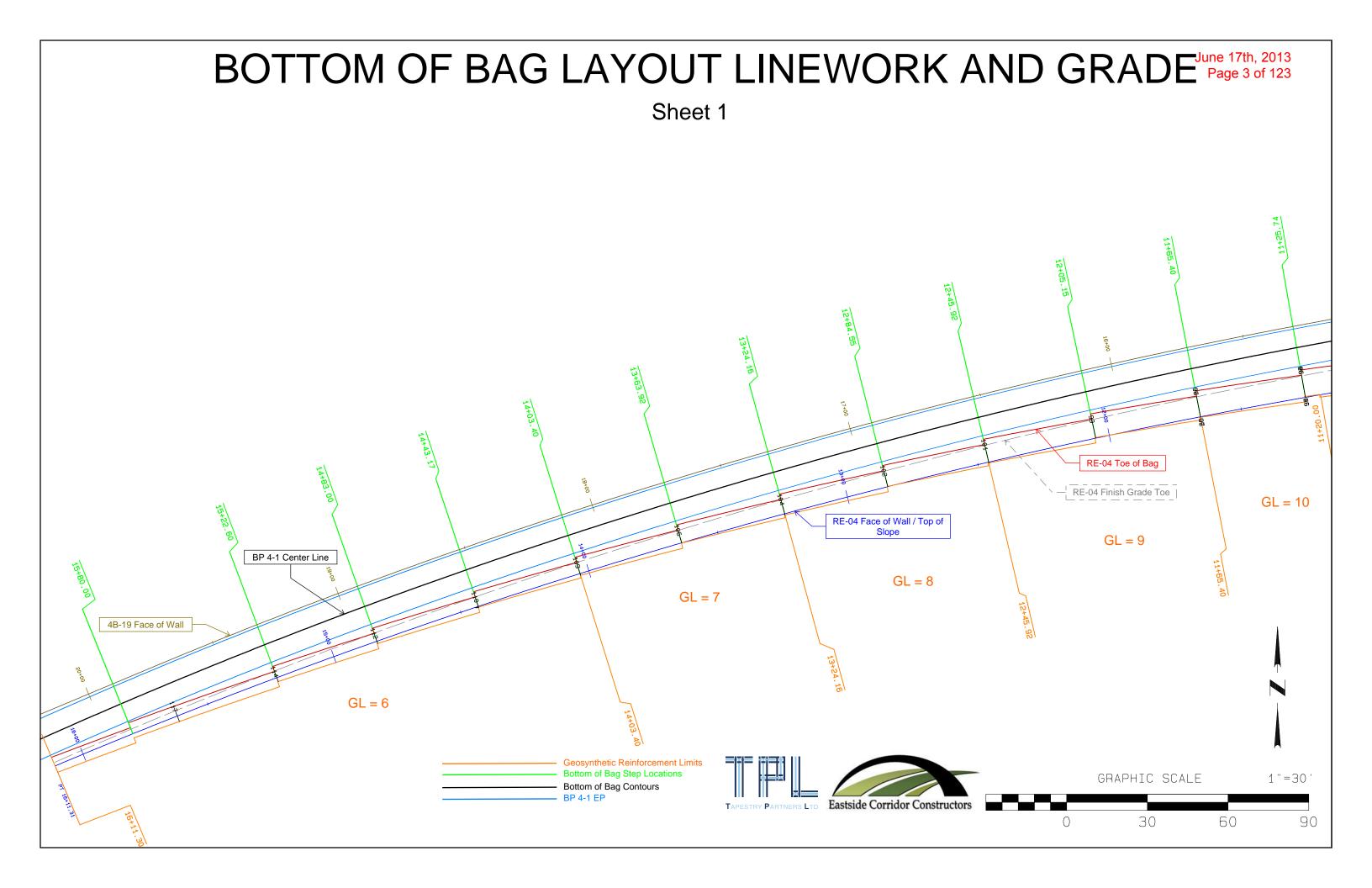
Key Map2
Bottom of Bag Layout
Linework and Grade3
Drain to Verify (DR8-44)
Top of Bag Layout
Linework
Grade
Model Cross Sectional Representation
Wall Bag Lift Detail Drawings14
RE-04 Plan and Profile
PE 04 Cross Sections

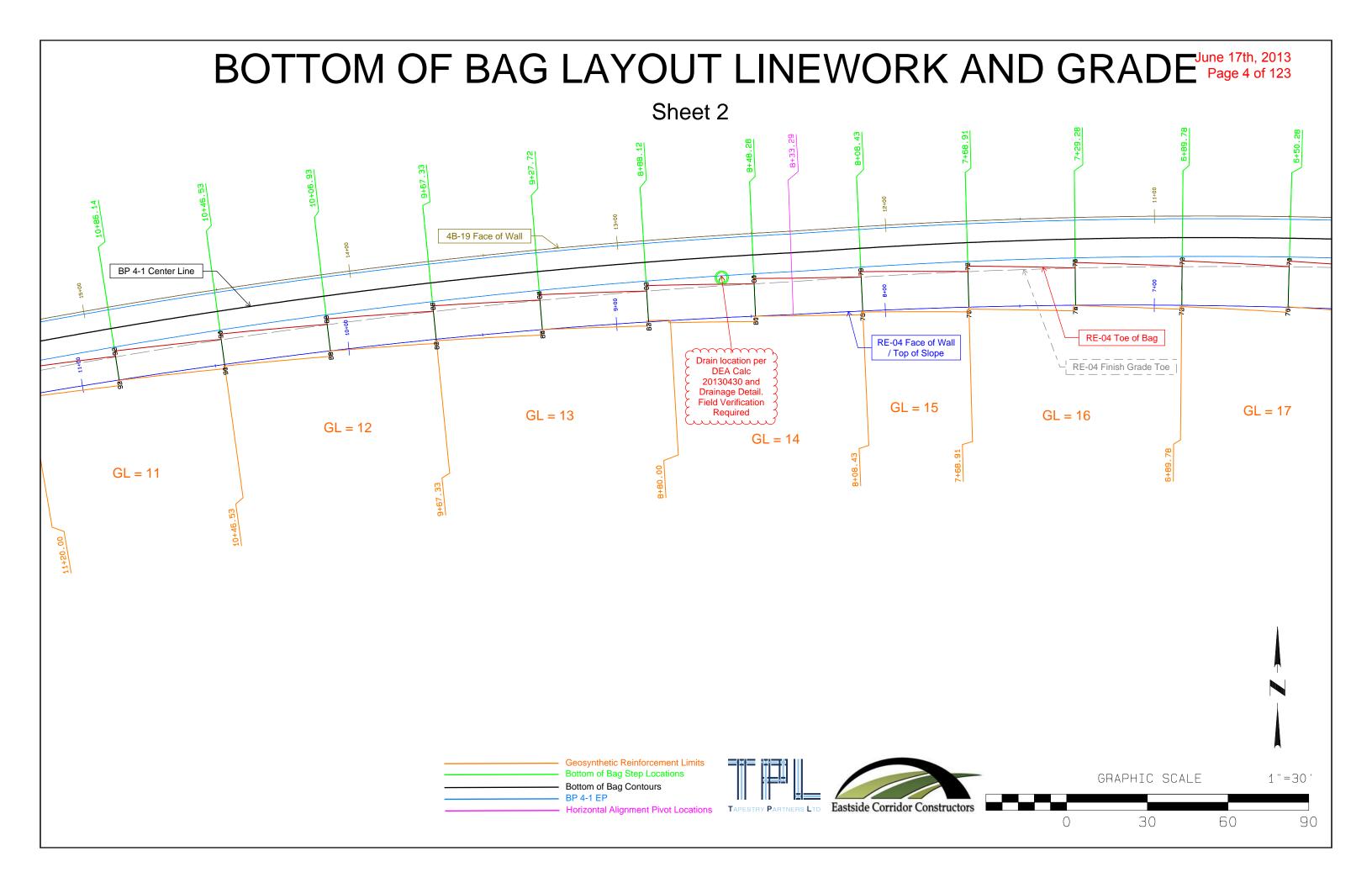


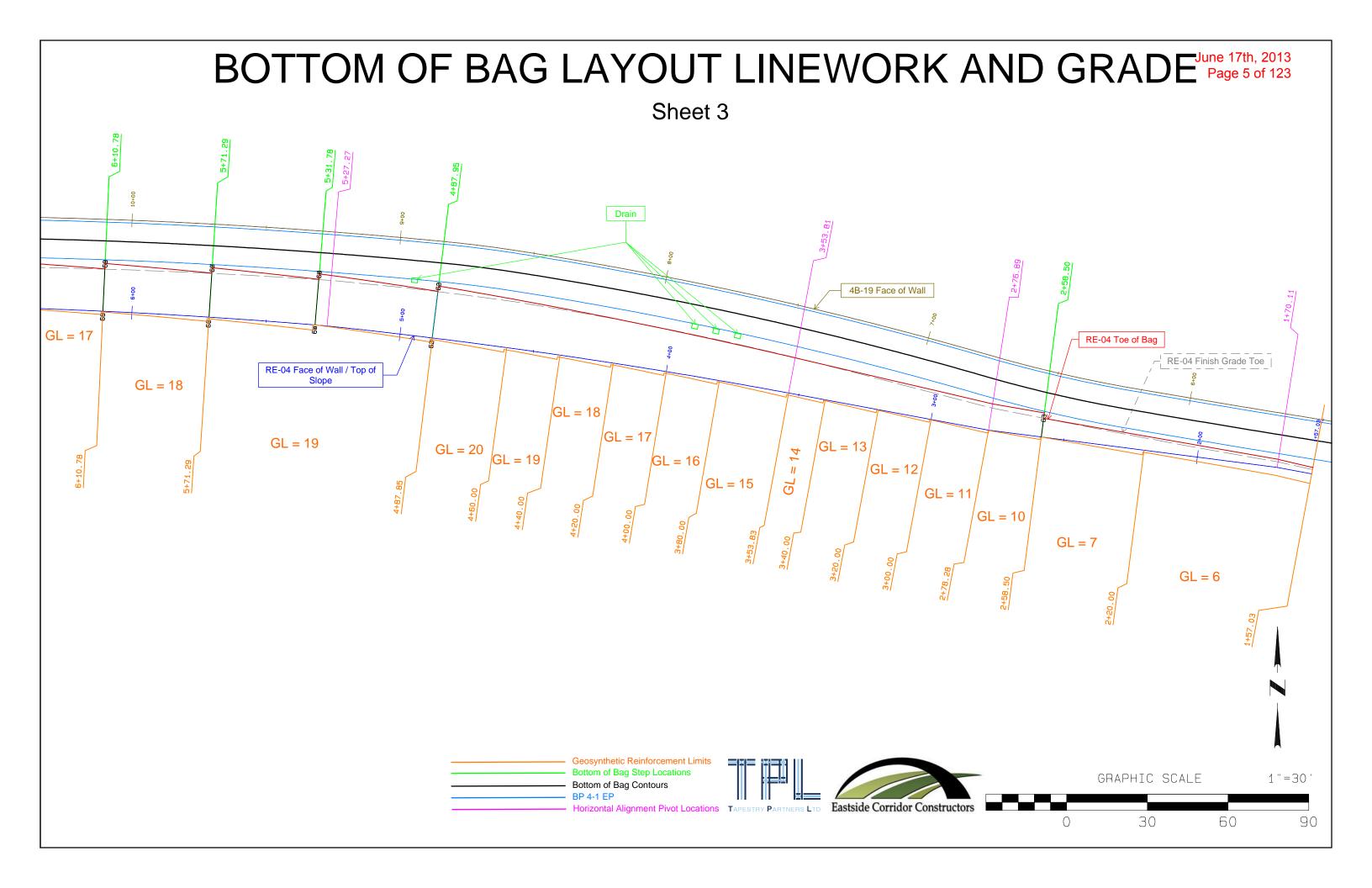
## RE-04 KEY MAP

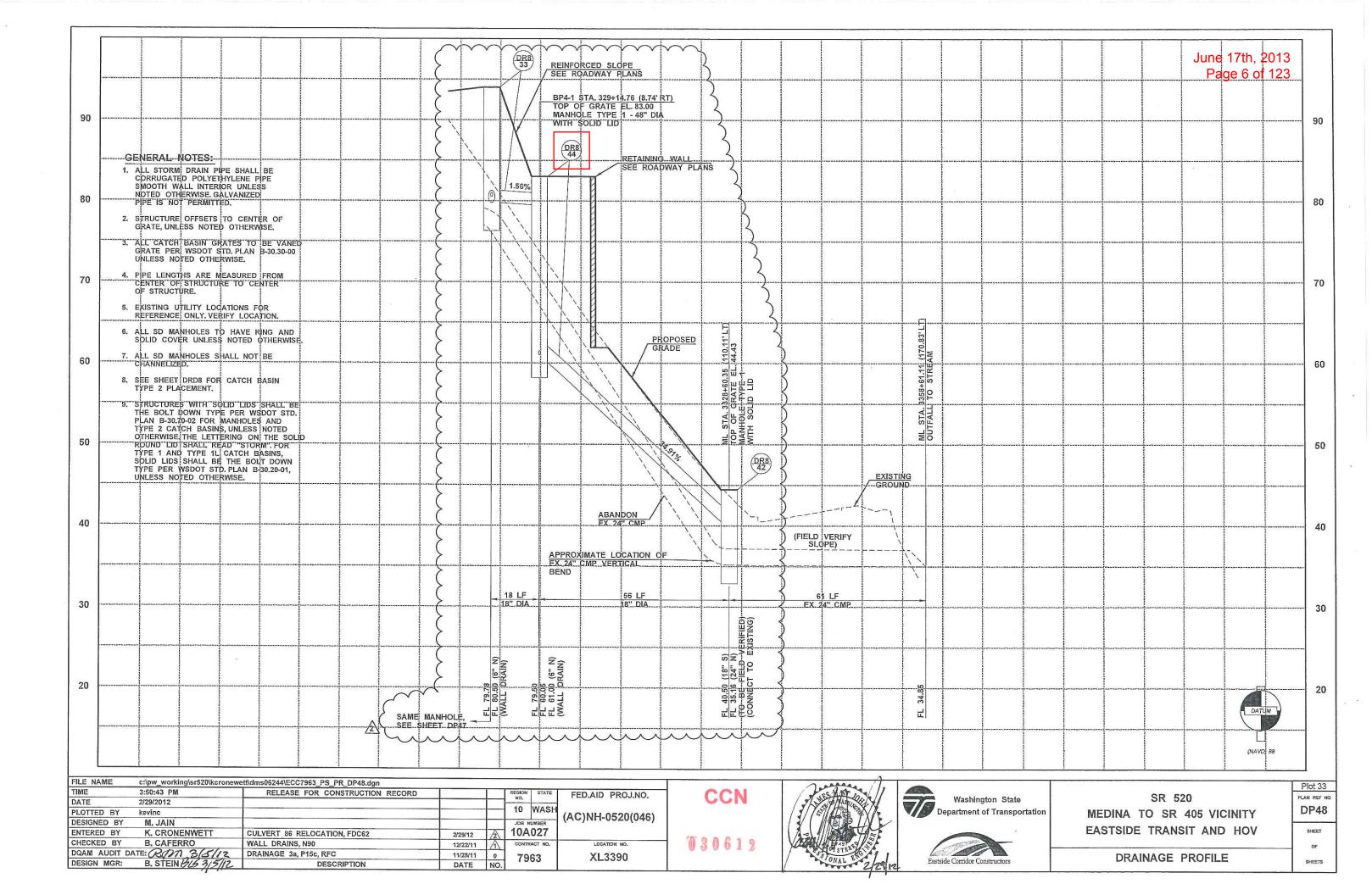


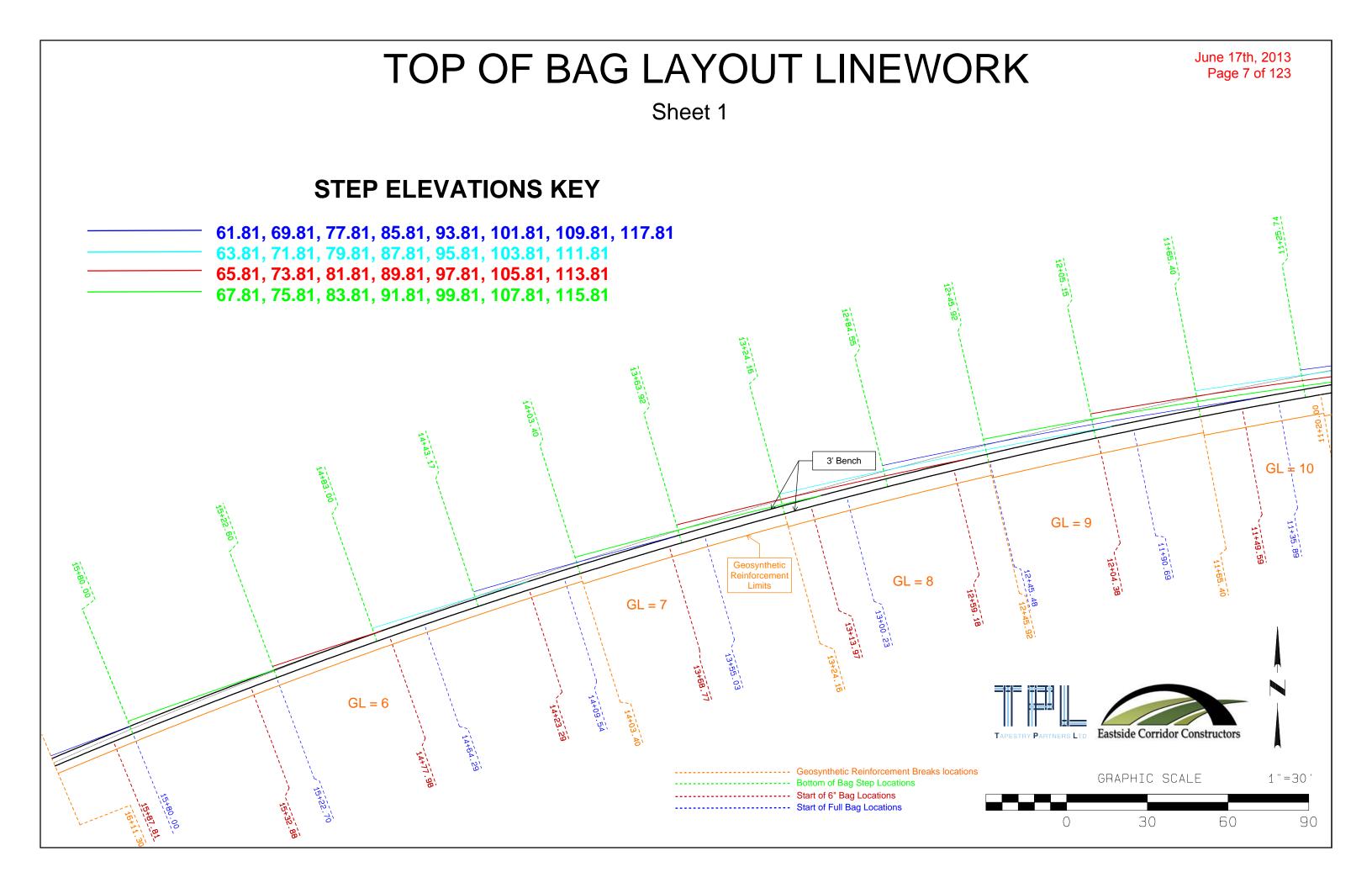


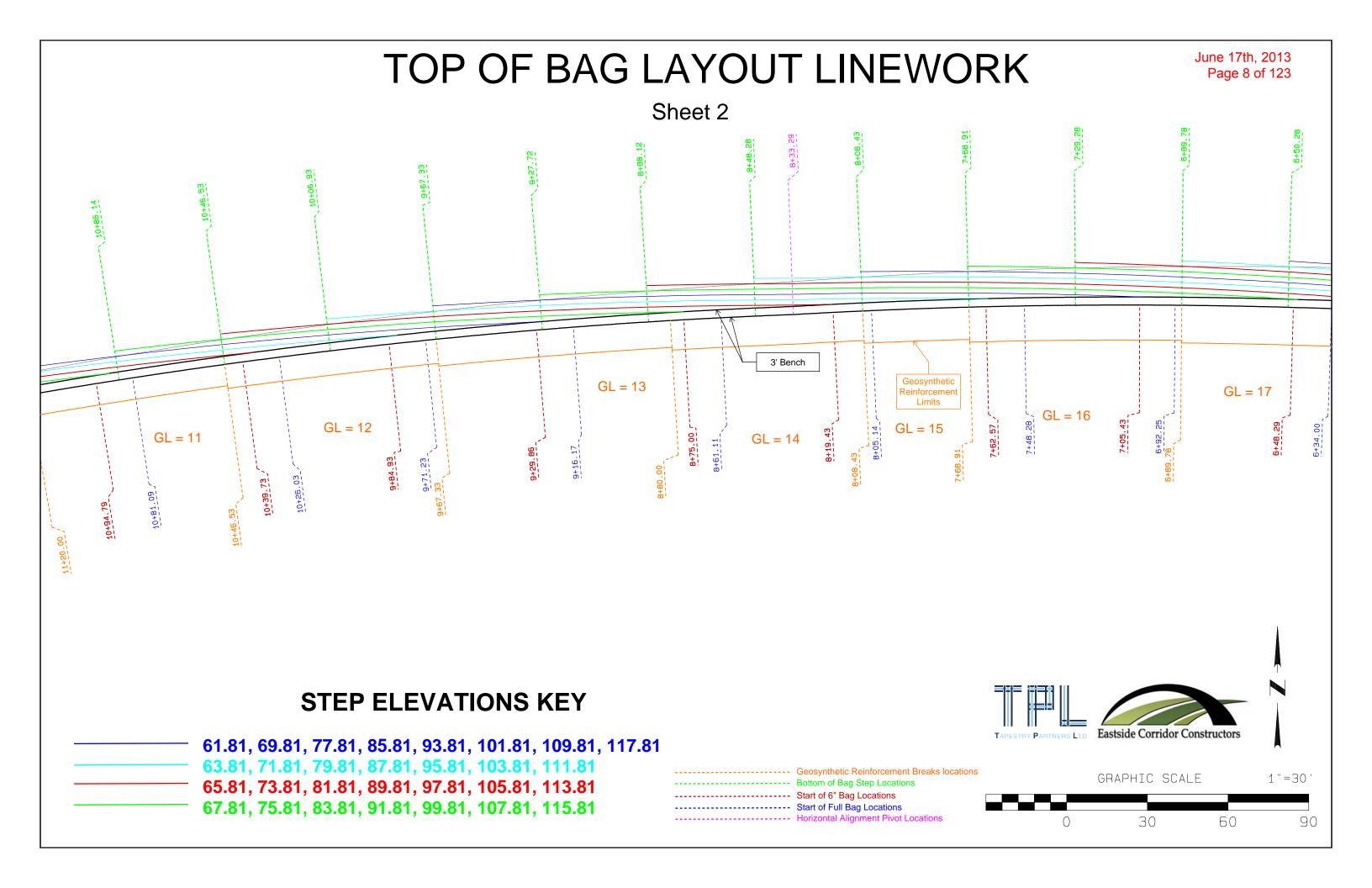


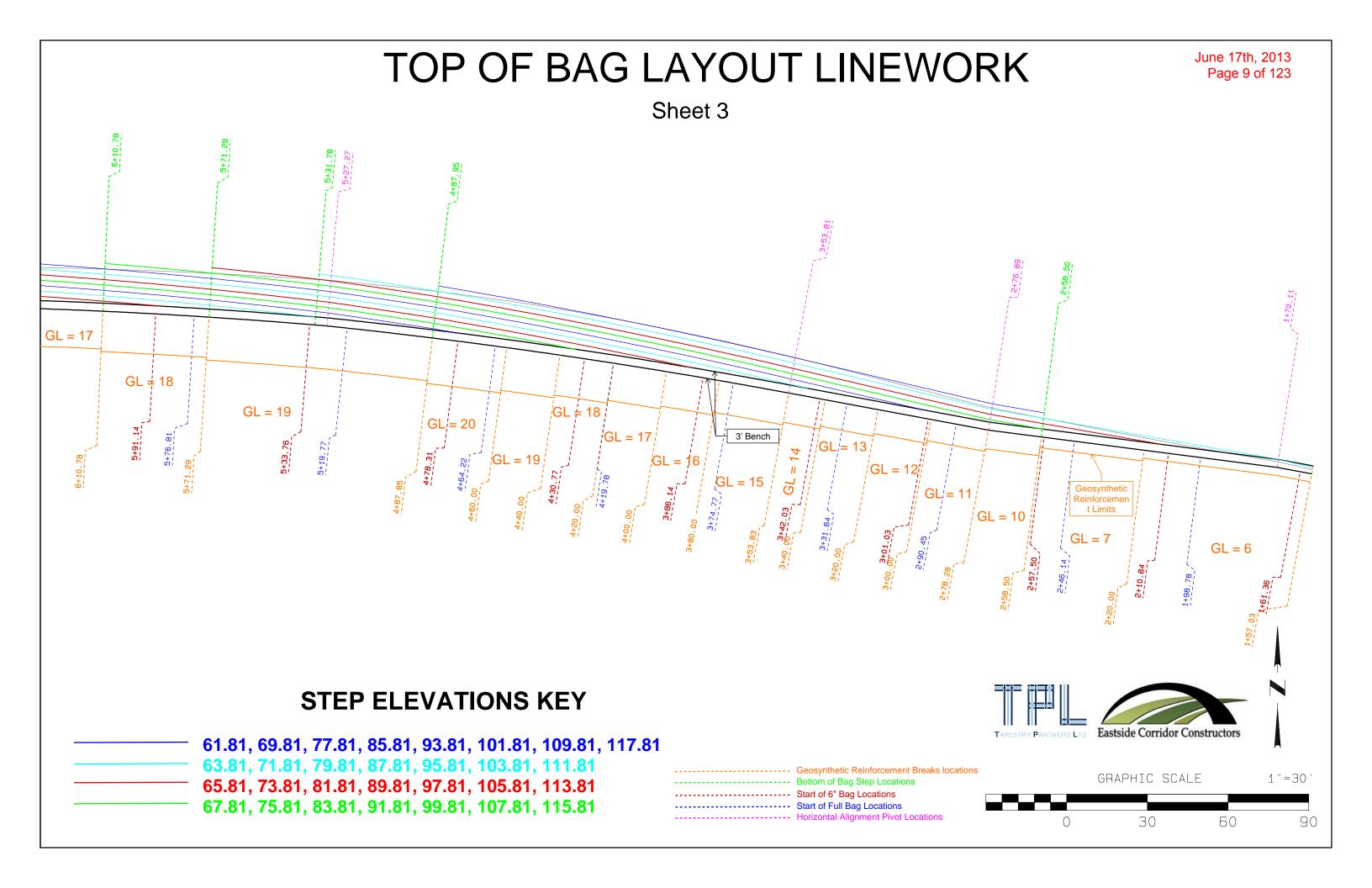


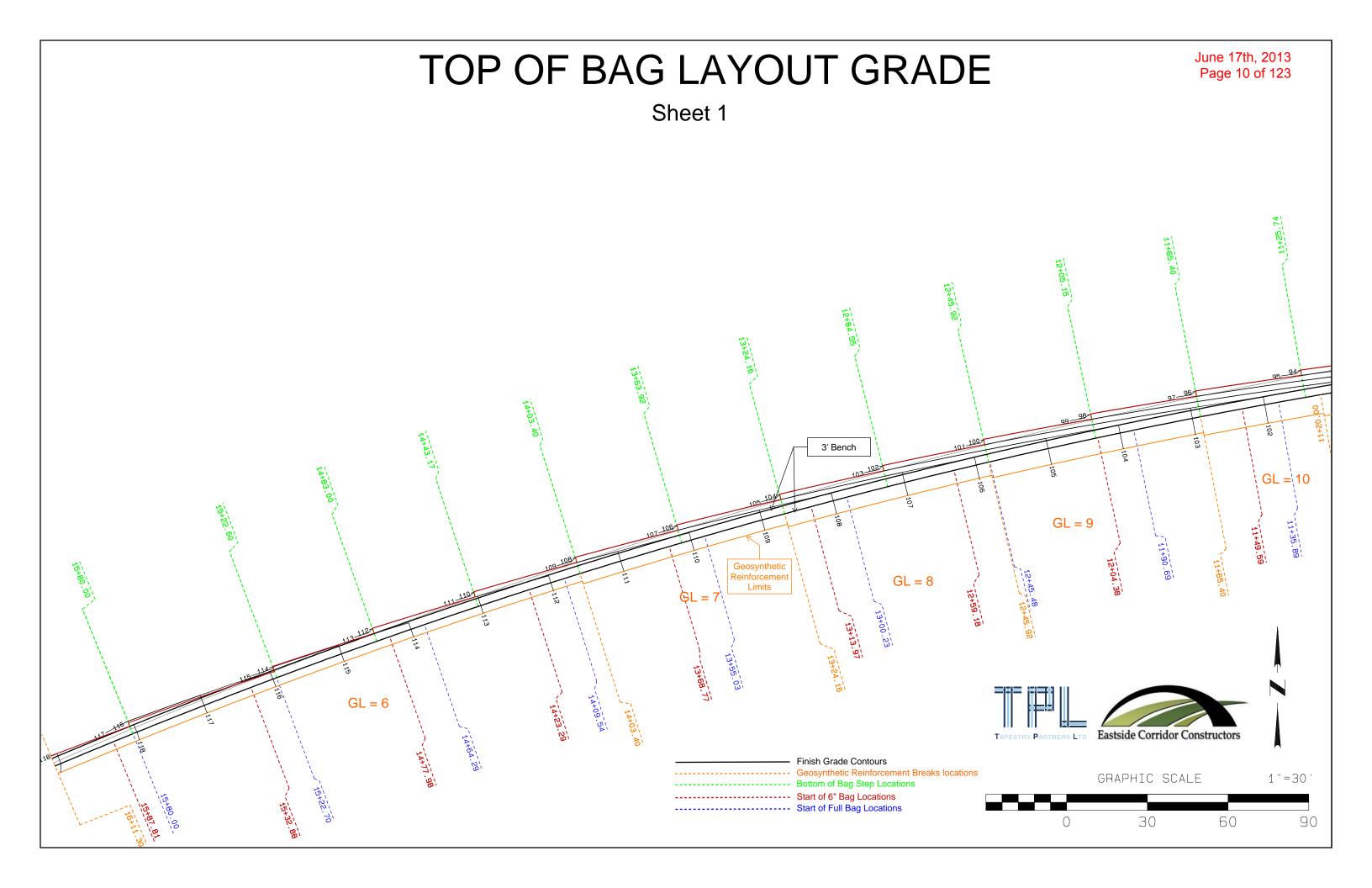


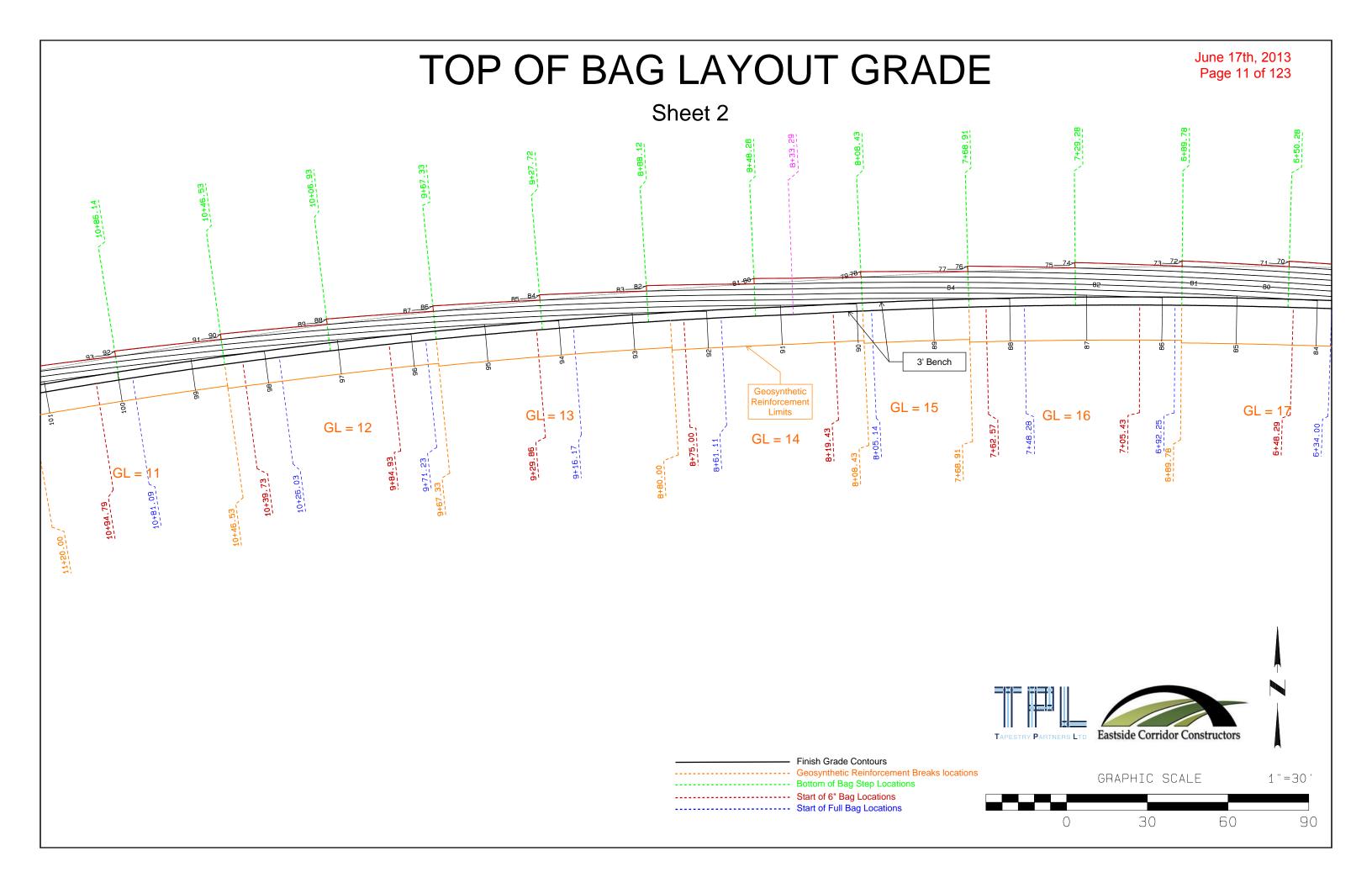


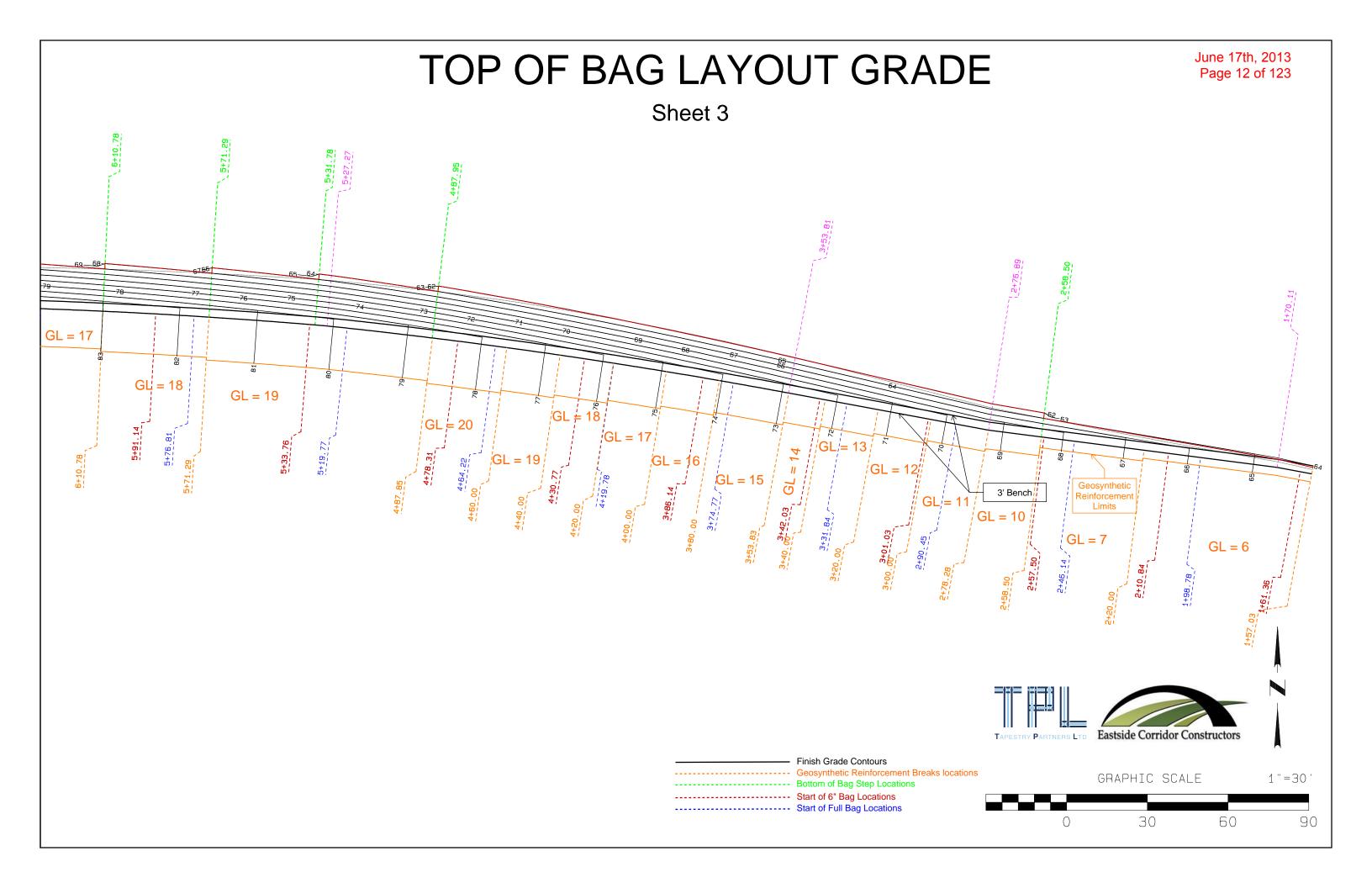




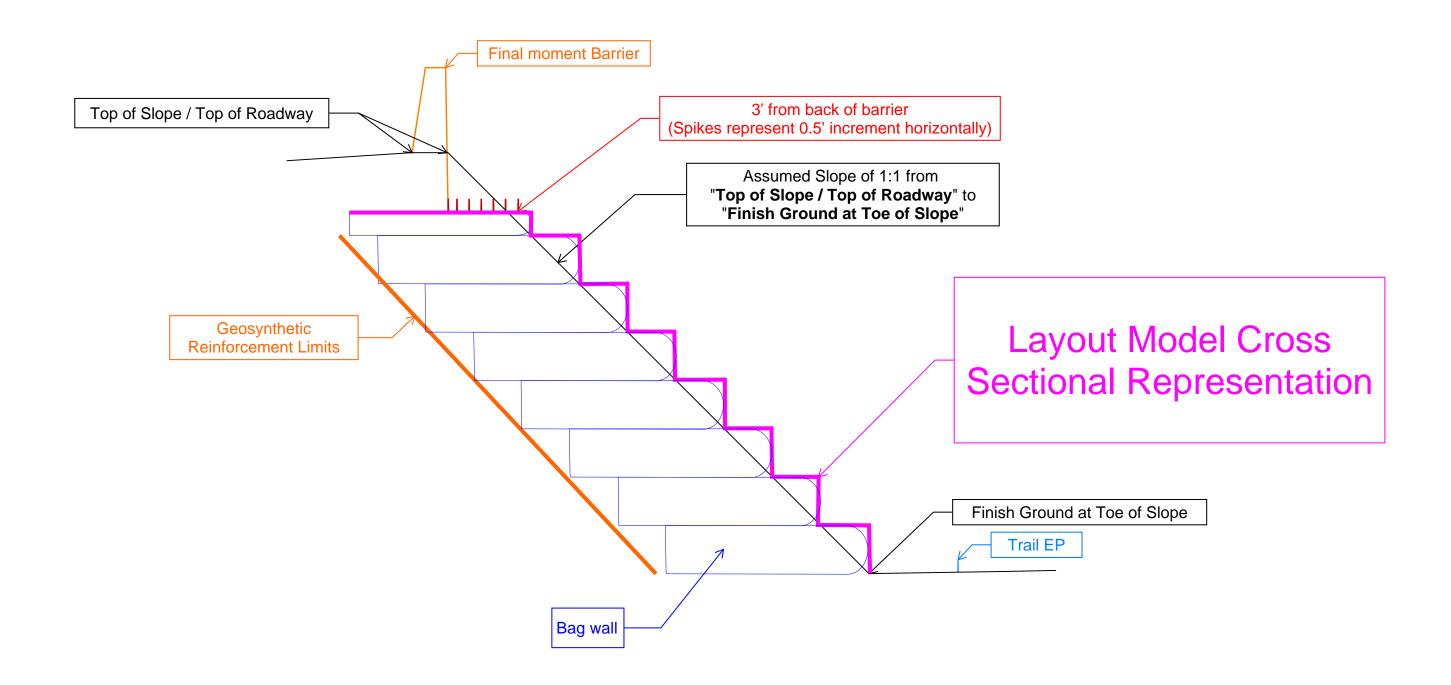






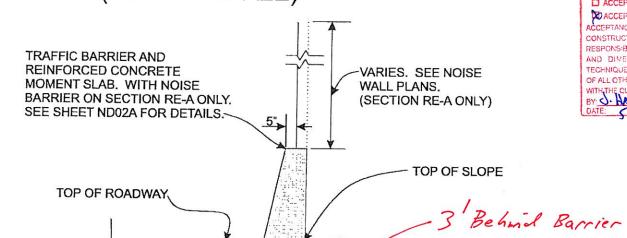


June 17th, 2013 Page 13 of 123





# REINFORCED SLOPE DETAIL SECTION RE-A AND RE-B (NOT TO SCALE)



## CONSTRUCTION (REC) DOCUMENTS ONLY ECC CONSTRUCTION IS RESPONSIBLE FOR CONFIBRAING AND CORRELATING ALL QUANTITIES AND DIFFENSIONS SELECTING FADRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORD. ANY OF ITS WORK WITH IT AT OF ALL OTHER TRADES AND PER FORMANCE IS WORK IN CONFORMANCE.

☐ ACCEPTED

2'-2"

ACCEPTED AS NOTED

TECHNIQUES OF CONSTRUCTION, COORD WITH THAT OF ALL OTHER TRADES AND HER FORMANCE MU WORK IN CONFORMANCE WITH THE QUALITY MANAGEMENT PLAN (GMF).

SHOP DRAWING REVIEW

ACCEPTANCE IS FOR GENERAL COMPLIANCE WITH THE RELEASE FOR

C) REVISE AND RESUBMIT

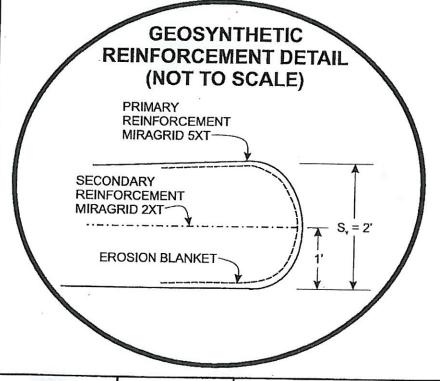
II REJECTED

#### NOTES

SHOP DRAWINGS ONLY. ENGINEERING COMPLETED BY OTHERS. SEE TECHNICAL SPECIFICATIONS FOR LONG-TERM TENSILE STRENGTH,  $T_{AL}$  OF GEOGRID MATERIAL.

CENTER SECOND GEOSYNTHETIC REINFORCEMENT VERTICALLY WITHIN PRIMARY LIFT.

PLANTABLE MIX BACKFILL SHALL CONSIST OF 30% FINE COMPOST AND 70% GRAVEL BORROW AND SHALL BE THOROUGHLY MIXED PRIOR TO INSTALLATION.



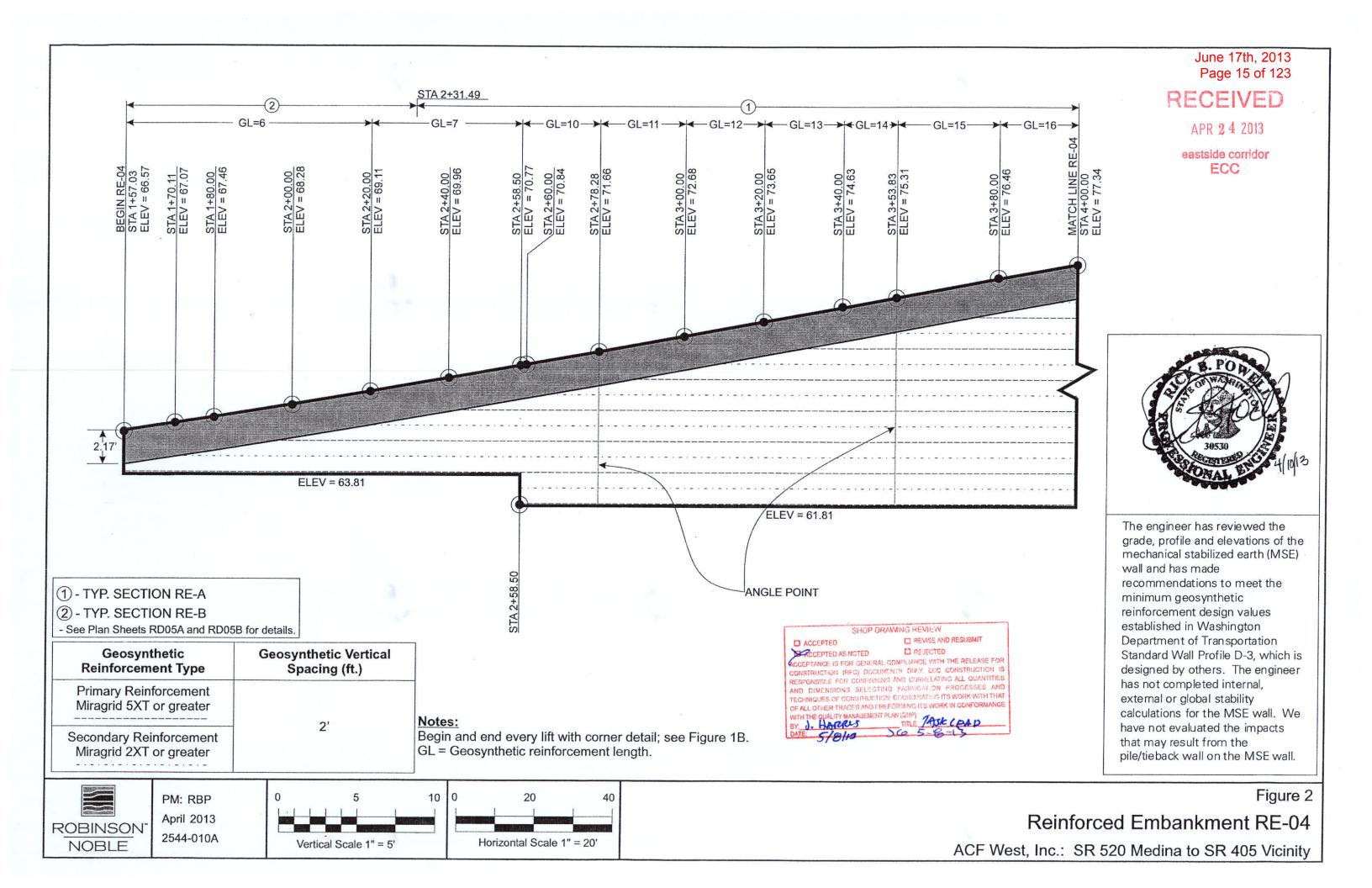
PLANTABLE MIX BACKFILL VARIES. 2' - 3' WIDTH. PRIMARY GEOSYNTHETIC REINFORCEMENT - MIRAGRID 5XT/ 2' TYP. CONSTRUCTION GEOTEXTILE FOR UNDERGROUND DRAINAGE. MODERATE SURVIVABILITY, CLASS A. ECC 14 3' → 2' MIN. 6-INCH UNDER-DRAIN FINISHED GROUND PIPE WITH GRAVEL AT TOE OF SLOPE BACKFILL FOR DRAIN SECONDARY GEOSYNTHETIC **REINFORCEMENT - MIRAGRID 2XT** 

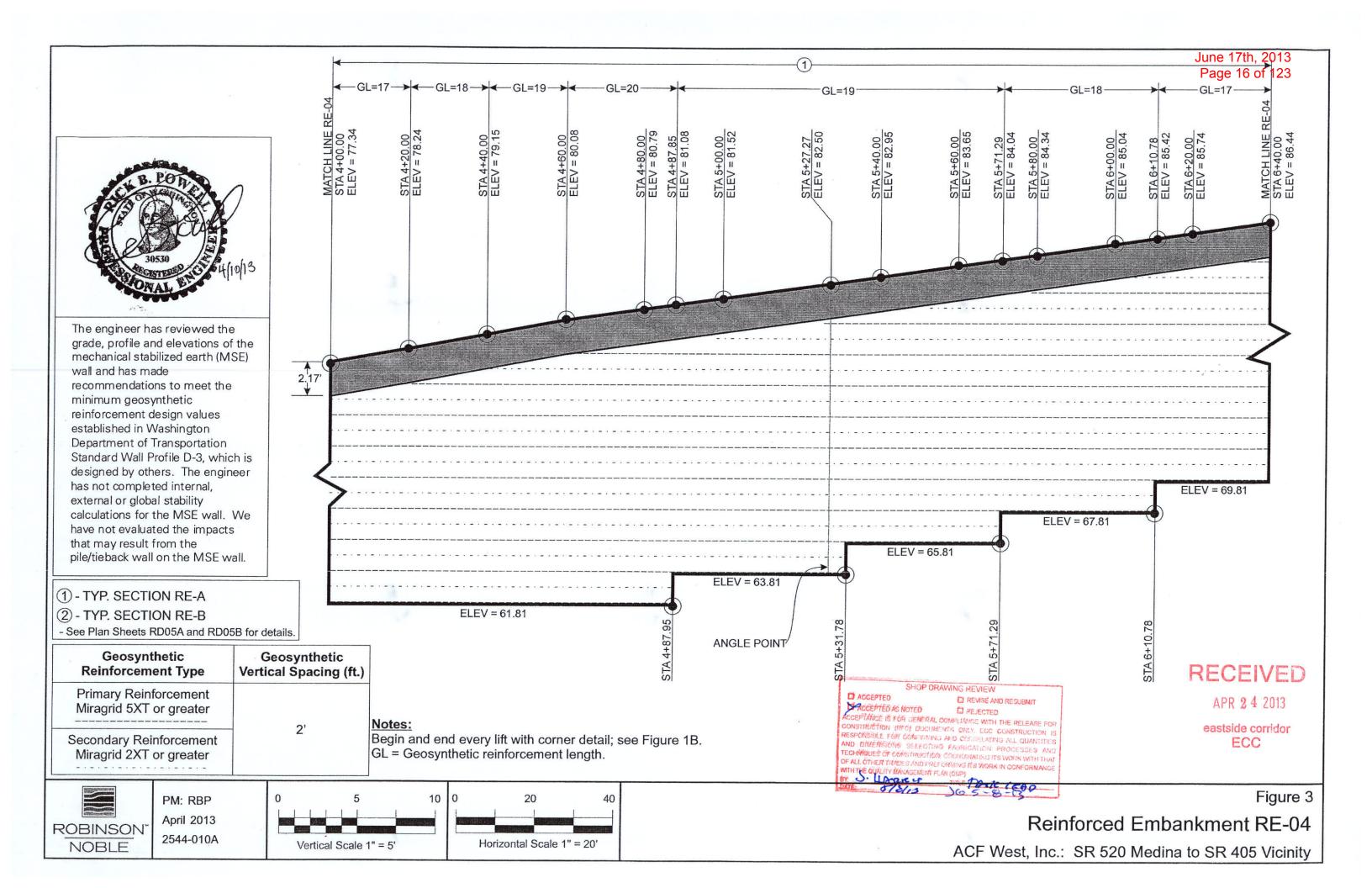
ROBINSON NOBLE

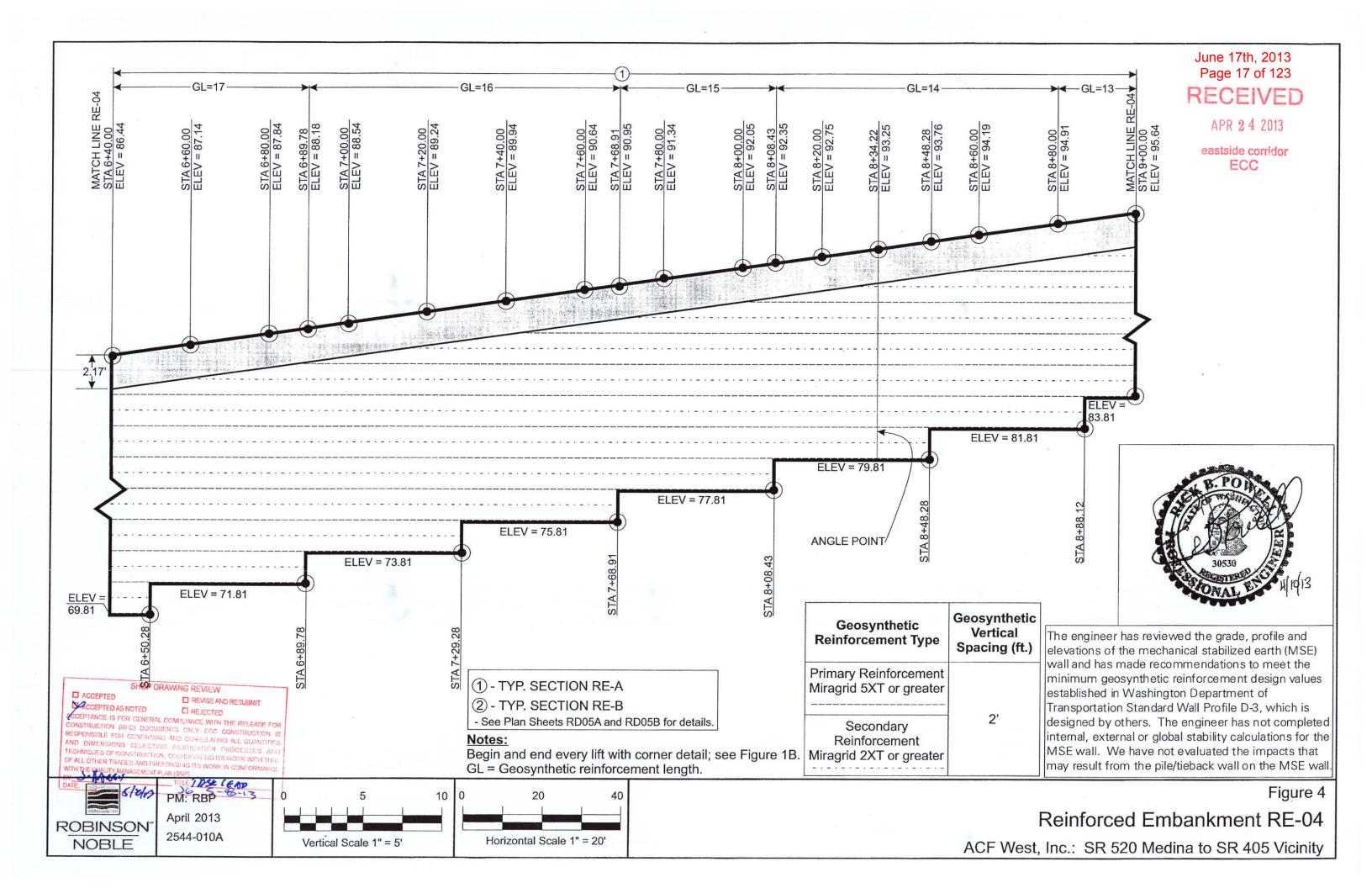
PM: RBP January 2013 2544-010A

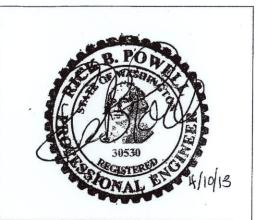
Figure 1A WALL RE-04 DETAILS

ACF West, Inc: SR 520 - Medina to SR 405









The engineer has reviewed the grade, profile and elevations of the mechanical stabilized earth (MSE) wall and has made recommendations to meet the minimum geosynthetic reinforcement design values established in Washington Department of Transportation Standard Wall Profile D-3, which is designed by others. The engineer has not completed internal, external or global stability calculations for the MSE wall. We have not evaluated the impacts that may result from the pile/tieback wall on the MSE wall.

- 1 TYP. SECTION RE-A
- 2 TYP. SECTION RE-B

ROBINSON'

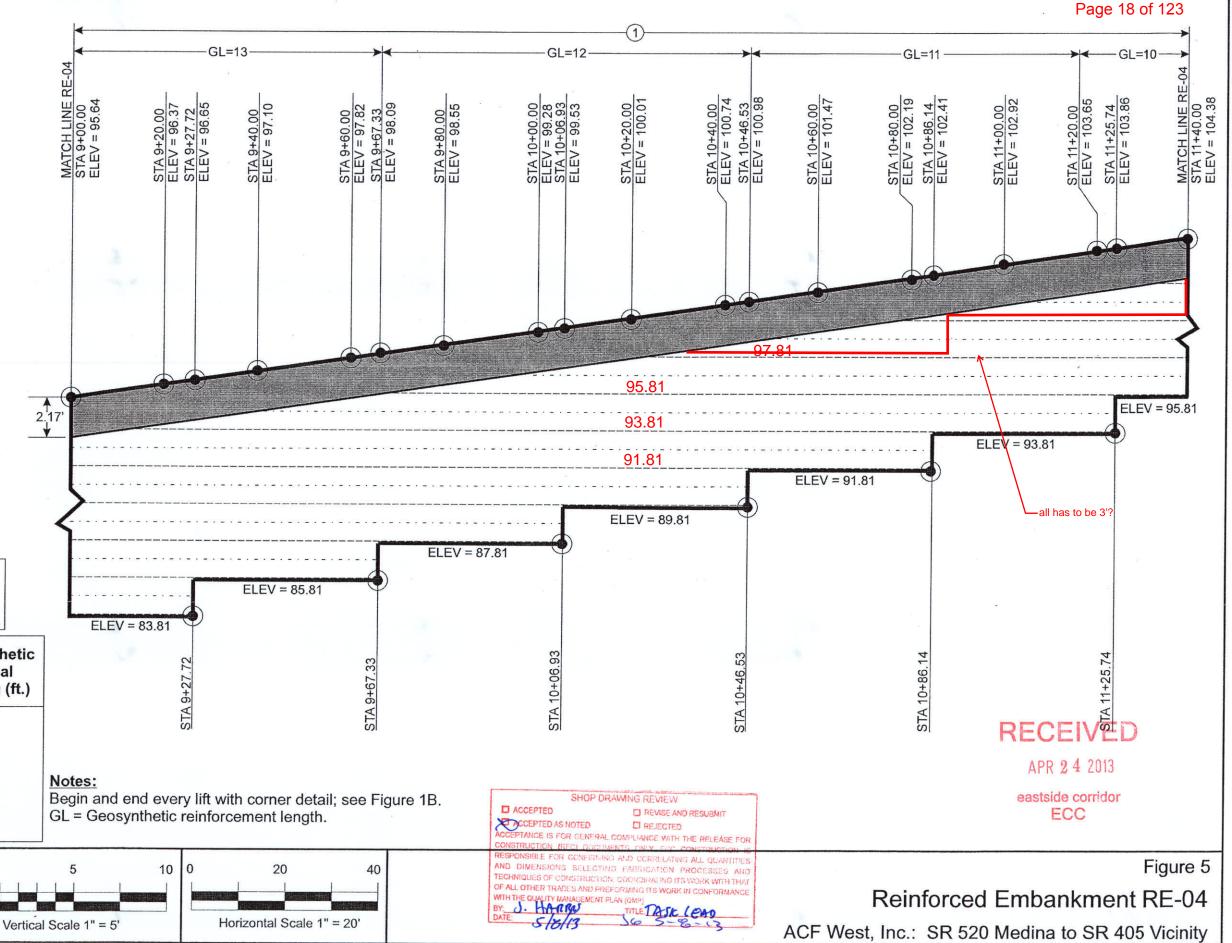
NOBLE

- See Plan Sheets RD05A and RD05B for details.

Geosynthetic Reinforcement Type	Geosynthetic Vertical Spacing (ft.)
Primary Reinforcement Miragrid 5XT or greater	2'
Secondary Reinforcement Miragrid 2XT or greater	

PM: RBP April 2013

2544-010A



June 17th, 2013

