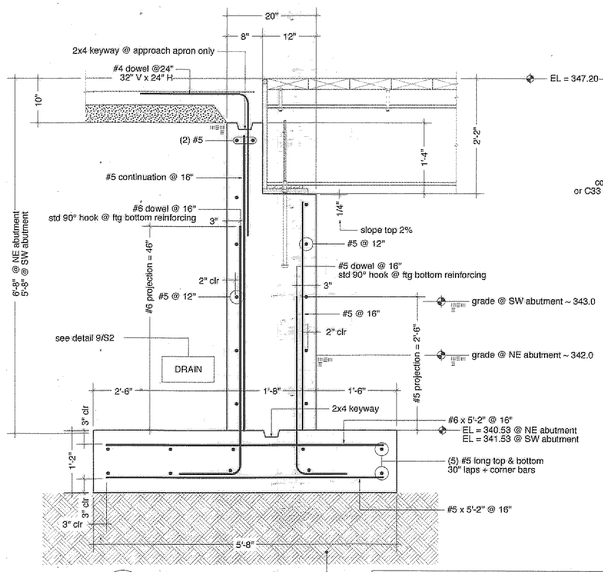
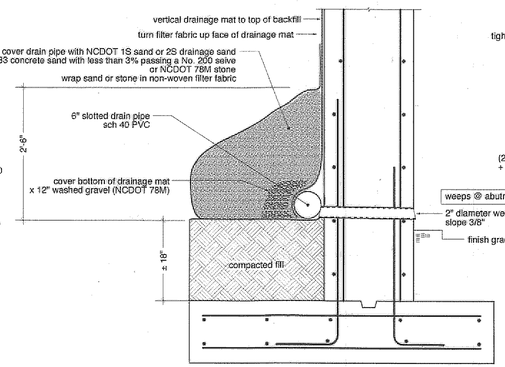
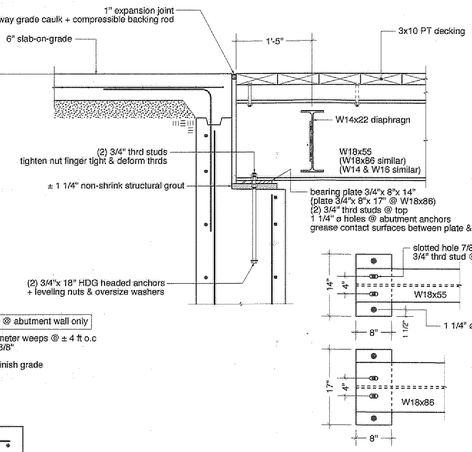


1 S2 **Abutment Wall**
scale: 3/4" = 1'-0"

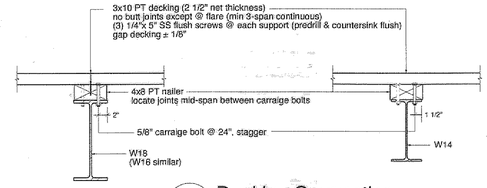
undercut existing soft soils to suitable bearing as directed by the geotechnical engineer
undercut ~ 3.5 ft below ftg bearing @ NE abutment
undercut ~ 6.0 ft below ftg bearing @ SW abutment
backfill with uniformly graded washed stone wrapped in filter fabric per geotechnical specification
provide excavation shoring and dewatering as necessary
excavation shoring is the sole responsibility of the contractor



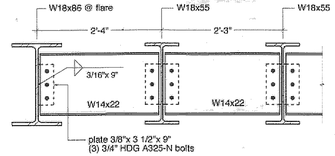
2 S2 **Foundation Drain**
scale: 3/4" = 1'-0"



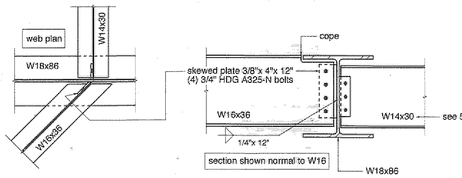
3 S2 **W-Girder Bearing @ Abutment**
scale: 3/4" = 1'-0"



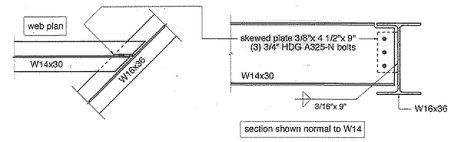
4 S2 **Decking Connection**
scale: 3/4" = 1'-0"



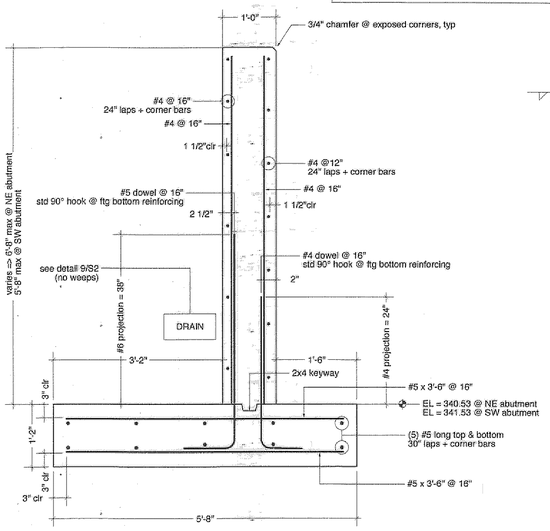
5 S2 **W14 Connection @ W18**
scale: 3/4" = 1'-0"



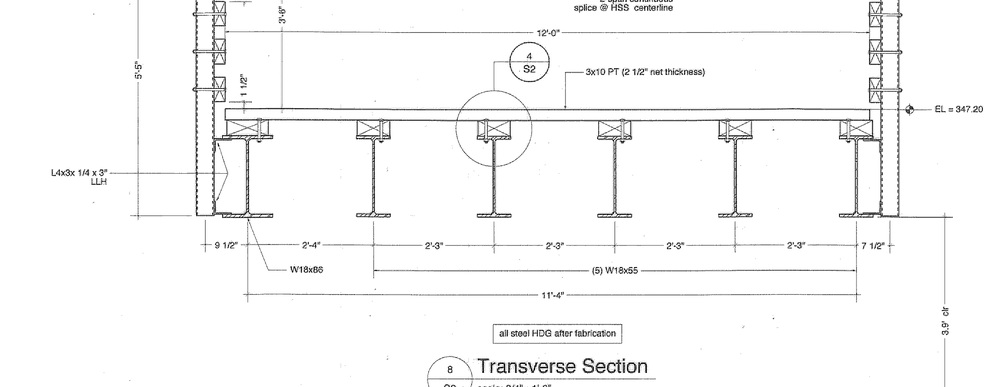
6 S2 **W16 Connection @ W18**
scale: 3/4" = 1'-0"



7 S2 **W14 Connection @ W16**
scale: 3/4" = 1'-0"

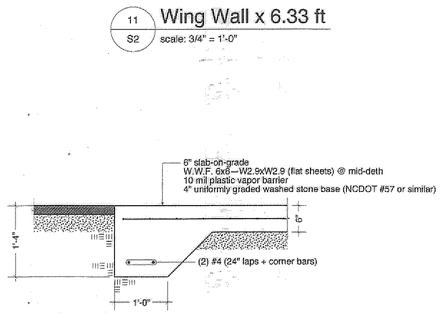


11 S2 **Wing Wall x 6.33 ft**
scale: 3/4" = 1'-0"

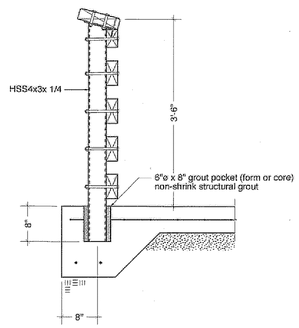


8 S2 **Transverse Section**
scale: 3/4"= 1'-0"

all steel HDG after fabrication

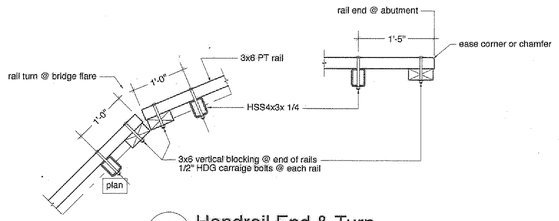


10 S2 **Turndown**
scale: 3/4" = 1'-0"



10.1 S2 **Handrail Standard @ Turndown**
scale: 3/4" = 1'-0"

top of abutment wall similar



9 S2 **Handrail End & Turn**
scale: 3/4" = 1'-0"

12-SP-052
HTE#: N/A - TOWN PROJECT
APPROVED BY THE TOWN OF CARY
DEVELOPMENT REVIEW COMMITTEE
Planner _____ Date 6/27/2013

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 14542 CHARLES E. MURPHY
12-7-12

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Project # E12054
Symphony Lake Greenway Bridge Replacement

Client

Drawing Title
Details

Revisions

Number	Description	Date
1	SG screws @ decking extend handrail to approaches	6-19-13

Drawn By
Checked By
Date 12-7-12
Scale
Sheet S2