

UNDERWOOD ROW IMPROVEMENTS

FALMOUTH, MAINE
PROJECT NO. 14-56

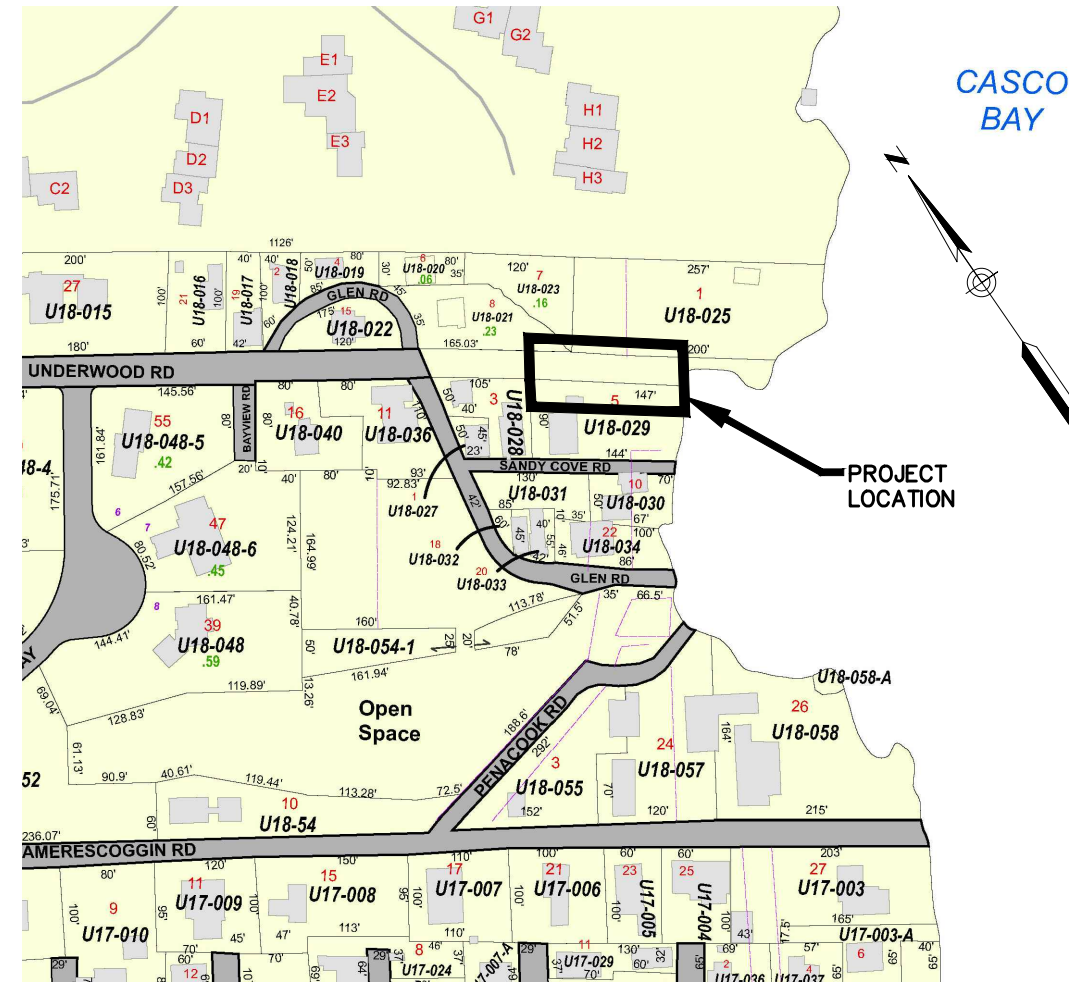


USGS LOCATION MAP



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
G-1	COVERSHEET
G-2	NOTES & SCHEDULES
G-3	PROJECT OVERVIEW
G-4	☉ R.O.W. PROFILE
G-5	☉ STREAM PROFILE
C-1	EXISTING CONDITIONS PLAN
C-2	SITE PLAN
C-3	TYPICAL SECTION
C-4	DETAILS
C-5	EXISTING SLOPE SECTIONS



TOWN OF FALMOUTH TAX MAP 82

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PROPERTY INFORMATION

OWNER: JENNIFER COHEN
ADDRESS: 5 SANDY COVE ROAD
 FALMOUTH, MAINE 04105
MAP/LOT: 082/U18-029
ZONING: RA - RESIDENTIAL A; LR - LIMITED RESIDENTIAL (SHORELAND ZONE)
SETBACKS: NO CHANGE

NO.	DATE	REVISION	BY	INT.
A	7-27-15	PRELIMINARY DESIGN REVIEW	BUB	INT.
		SUBMISSION		

DESIGNED BY: BUB
 DRAWN BY: JUC
 CHECKED BY: BUB
 SCALE: AS SHOWN

SHEET TITLE: COVERSHEET	
PROJECT: UNDERWOOD ROW IMPROVEMENTS FALMOUTH, MAINE	
DATE: JUNE 2015	CONTRACT NO.: 14-56
SHEET NO.: G-1	REV.: A

\\bdc-srv\projects\14\14-56 cohen slope stabilization-falmouth\cad\14-56 cohen embankment stabilization falmouth general.dwg

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EROSION CONTROL NOTES

1. APPLICATION OF TEMPORARY AND PERMANENT EROSION CONTROL MEASURES FOR THE PROJECT SHALL BE IN ACCORDANCE WITH PROCEDURES AND SPECIFICATIONS OF THE MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION; BEST MANAGEMENT PRACTICES. MARCH 2003 (BMP HANDBOOK). THIS PUBLICATION IS ALSO AVAILABLE ONLINE AT <http://www.maine.gov/dep/blwg/docstand/escbmps/>.
2. SILTATION FENCE SHALL BE INSTALLED BEFORE TREE REMOVAL, CLEARING, GRUBBING OR EARTH MOVING OPERATIONS.
3. INSTALL EROSION CONTROL MESH ON ALL DISTURBED SLOPES 2:1 OR STEEPER, UNLESS SHOWN OR NOTED OTHERWISE.
4. TOPSOIL STOCKPILES SHALL BE LOCATED WHERE THEY CAN BE ACCESSED BY EQUIPMENT LANDWARD OF THE PROPOSED HOUSE. STOCKPILES SHALL BE SEEDED AND MULCHED IF LEFT IN-PLACE FOR LONGER THAN 15 DAYS. PLACE SILTATION FENCE COMPLETELY AROUND STOCKPILES.
5. PERMANENT SEEDING SHALL BE APPLIED WITHIN 15 DAYS OF FINAL GRADING OF THE ALL DISTURBED NON-DRIVEWAY AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPLICATION OF ECO FRIENDLY FERTILIZER, LIMESTONE, SEED AND MULCH. CONSTRUCTION METHOD PER BMP SECTION C-3 PERMANENT VEGETATION.
6. TEMPORARY SEEDING SHALL OCCUR UNTIL OCTOBER 1. AN EROSION CONTROL MIX SHALL BE USED. CONSTRUCTION METHOD PER BMP SECTION A-2 TEMPORARY VEGETATION.
7. ALL EROSION CONTROL MEASURES, SEEDING AND MULCHING SHALL BE INSPECTED WEEKLY, AFTER RAINSTORMS AND DURING RUNOFF EVENTS. ALL MEASURES SHALL BE REPAIRED OR REPLACED WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DAMAGE.
8. SEEDED AND MULCHED AREAS SHALL BE MAINTAINED UNTIL FINAL ACCEPTANCE OF THE WORK BY THE OWNER AND FALMOUTH CODE ENFORCEMENT OFFICER.
9. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED UPON COMPLETION OF GRADING OPERATIONS AND ESTABLISHMENT OF AN ACCEPTABLE CATCH OF GRASS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES DURING CONSTRUCTION.

PROJECT ELEVATIONS (BY DATUM)				
ELEVATION	CHART (ft)	NGVD29 (ft)	NAVD88 (ft)	Notes
Base Flood Elevation (Proposed)	21.3	16.7	16.0	FEMA 2013 FIRM, ZONE VE
Base Flood Elevation (Existing)	17.5	13.0	12.3	FEMA 1984 FIRM, ZONE V3
Highest Annual Tide	11.8	7.3	6.6	2015 MEDEP Predictions
MHHW	9.9	5.4	4.7	BASED ON NOAA TIDAL BM 8418150 "Portland"
MHW	9.5	5.0	4.2	
NAVD88	5.3	---	0.0	
NGVD29	4.5	0.0	---	
MLW	0.3	-4.2	-4.9	
MLLW	0.0	-4.5	-5.3	


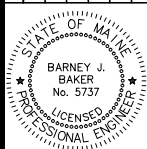
1. BASE FLOOD INFORMATION TAKEN FROM FEMA FLOOD INSURANCE RATE MAP
2. HIGHEST ANNUAL TIDE TAKEN FROM MAINE DEP PUBLISHED PREDICTIONS
3. TIDAL INFORMATION TAKEN FROM NOAA PUBLISHED DATA

SITE NOTES

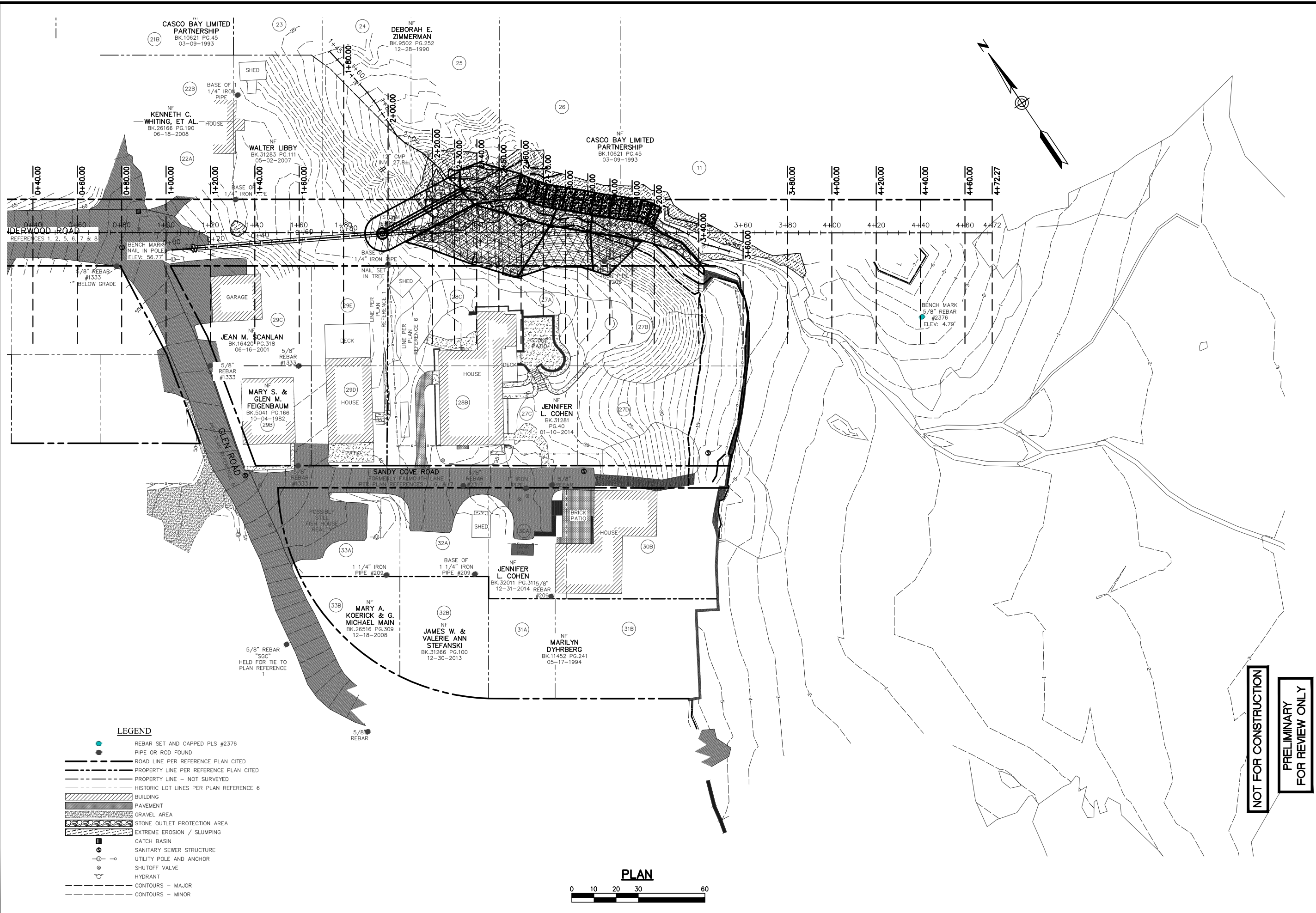
1. THE CONTRACTOR SHALL BE GOVERNED BY MAINE CONSTRUCTION SAFETY RULES AND SHALL BE SUBJECT TO THE SAFETY AND HEALTH REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AS PROMULGATED BY THE US DEPARTMENT OF LABOR.
2. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLANTED AND /OR REINSTATED WITH NATIVE SPECIES.
3. ALL ELEVATIONS ARE REFERENCED TO NAVD88 UNLESS OTHERWISE NOTED.
4. EXISTING TOPOGRAPHY SHOWN ON PLANS IS FROM TOPOGRAPHIC SURVEY PERFORMED BY LITTLE RIVER LAND SURVEYING ON 6/16/2015 REFERENCED TO NAVD88 DATUM.
5. PLAN NORTH AND ANY COORDINATES PROVIDED ARE BASED ON NAD83 ME STATE PLANE WEST PER LITTLE RIVER LAND SURVEYING TOPOGRAPHIC SURVEY.
6. BASE FLOOD/TIDAL INFORMATION WERE TAKEN FROM MEDEP, FEMA AND NOAA PUBLISHED DATA FOR CUMBERLAND AND PORTLAND RESPECTIVELY (NGVD DATUM).

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SHEET TITLE: NOTES AND SCHEDULES PROJECT: UNDERWOOD ROW IMPROVEMENTS FALMOUTH, MAINE	PRELIMINARY DESIGN REVIEW SUBMISSION DATE: 7-27-15 BJB INT.
DATE: JUNE 2015 CONTRACT NO.: 14-56	SHEET NO.: G-2 REV.: A

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LEGEND

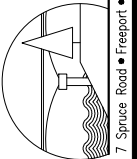
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- PIPE OR ROD FOUND
- ROAD LINE PER REFERENCE PLAN CITED
- - - PROPERTY LINE PER REFERENCE PLAN CITED
- - - PROPERTY LINE - NOT SURVEYED
- - - HISTORIC LOT LINES PER PLAN REFERENCE 6
- ▨ BUILDING
- ▨ PAVEMENT
- ▨ GRAVEL AREA
- ▨ STONE OUTLET PROTECTION AREA
- ▨ EXTREME EROSION / SLUMPING
- CATCH BASIN
- SANITARY SEWER STRUCTURE
- UTILITY POLE AND ANCHOR
- SHUTOFF VALVE
- HYDRANT
- - - CONTOURS - MAJOR
- - - CONTOURS - MINOR

PLAN

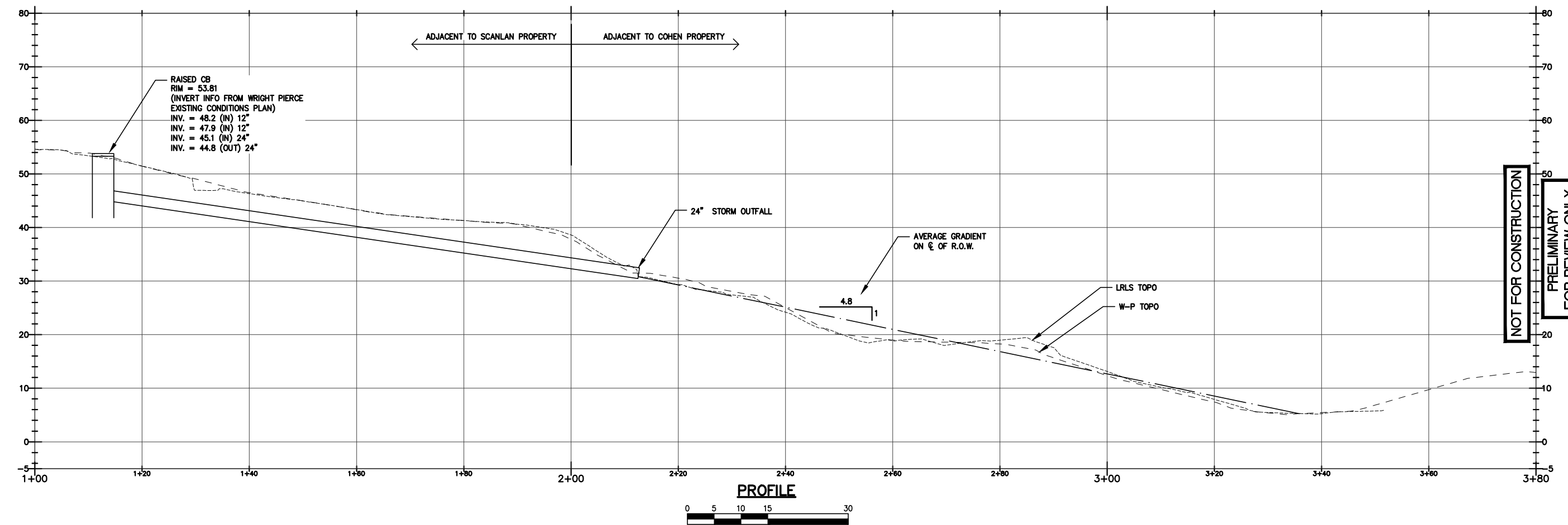
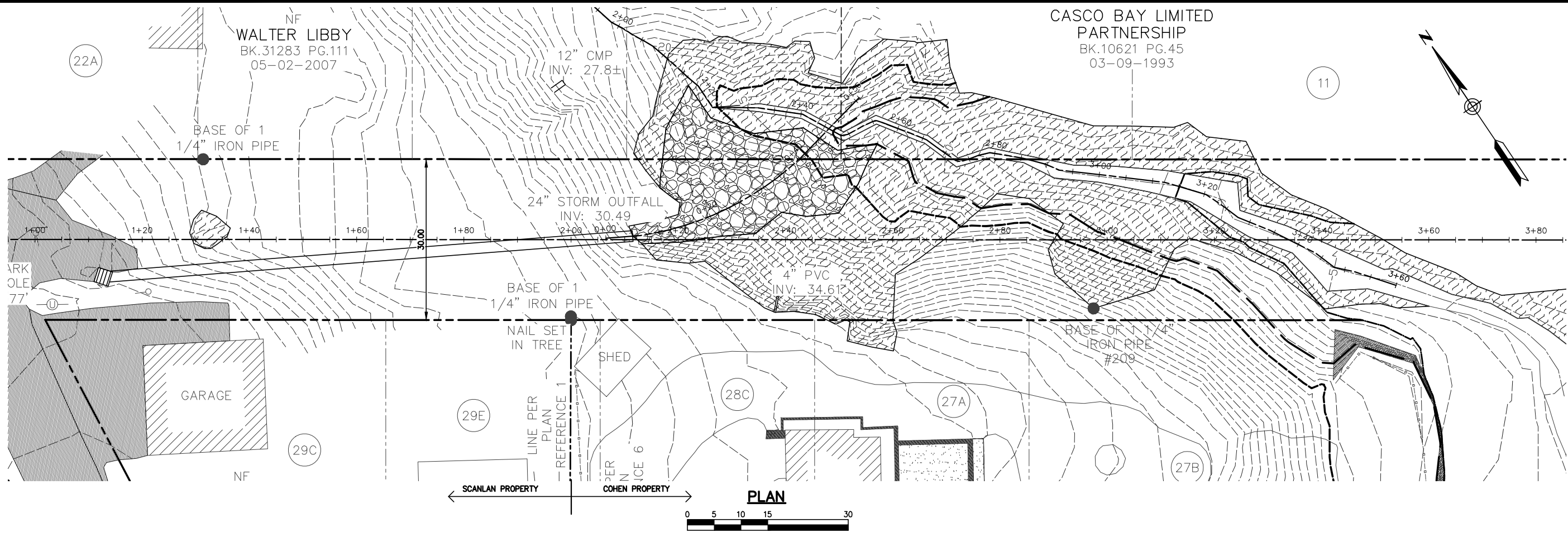


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 <p>BAKER DESIGN CONSULTANTS Civil, Marine, and Structural Engineering 7 Spruce Road • Falmouth • Maine • 04039 • 207-846-9724 • info@bakerdcs.com</p>							
<p>DESIGNED BY: BJB DRAWN BY: JJC CHECKED BY: BJB SCALE: AS SHOWN</p>	<p>STATE OF MAINE BARNEY J. BAKER No. 5737 LICENSED PROFESSIONAL ENGINEER</p>						
<p>SHEET TITLE: PROJECT OVERVIEW</p> <p>PROJECT: UNDERWOOD ROW IMPROVEMENTS FALMOUTH, MAINE</p>							
<p>DATE: JUNE 2015 CONTRACT NO.: 14-56</p>							
<p>SHEET NO. G-3</p>	<p>REV. A</p>						
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A	7-27-15	BUB INT.					

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NF
WALTER LIBBY
BK.31283 PG.111
05-02-2007

CASCO BAY LIMITED
PARTNERSHIP
BK.10621 PG.45
03-09-1993

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NO.	DATE	INT.
A	7-27-15	BUB
PRELIMINARY DESIGN REVIEW SUBMISSION		

DESIGNED BY: BUB
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CHECKED BY: BUB
SCALE: AS SHOWN

STATE OF MAINE
BARNEY J. BAKER
No. 5737
LICENSED PROFESSIONAL ENGINEER

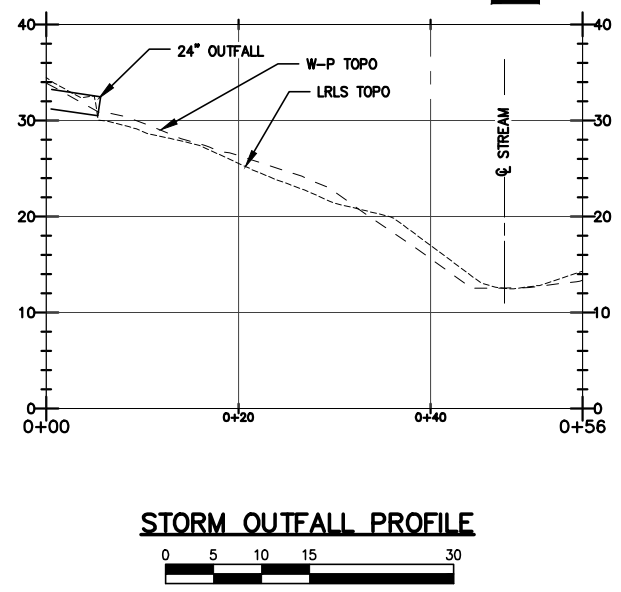
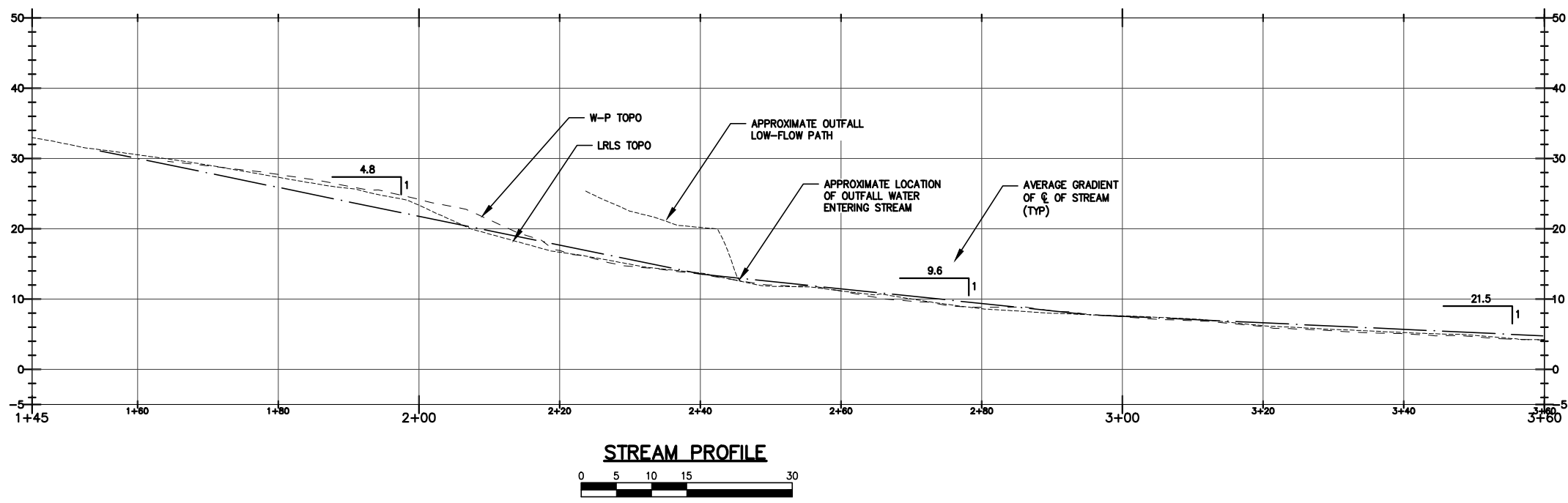
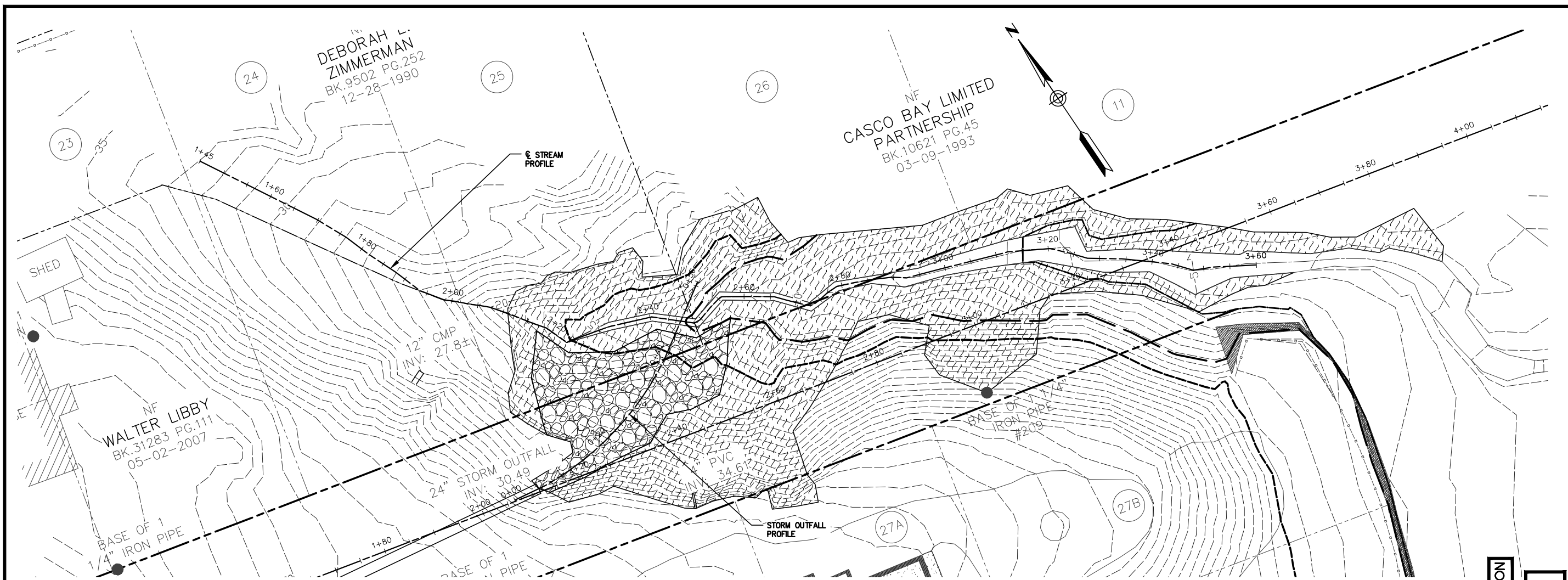
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PROJECT: UNDERWOOD ROW IMPROVEMENTS
FALMOUTH, MAINE

DATE: JUNE 2015
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SHEET NO. REV.
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STATE OF MAINE
BARNEY J. BAKER
No. 5737
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CHECKED BY:	BUB
SCALE:	AS SHOWN

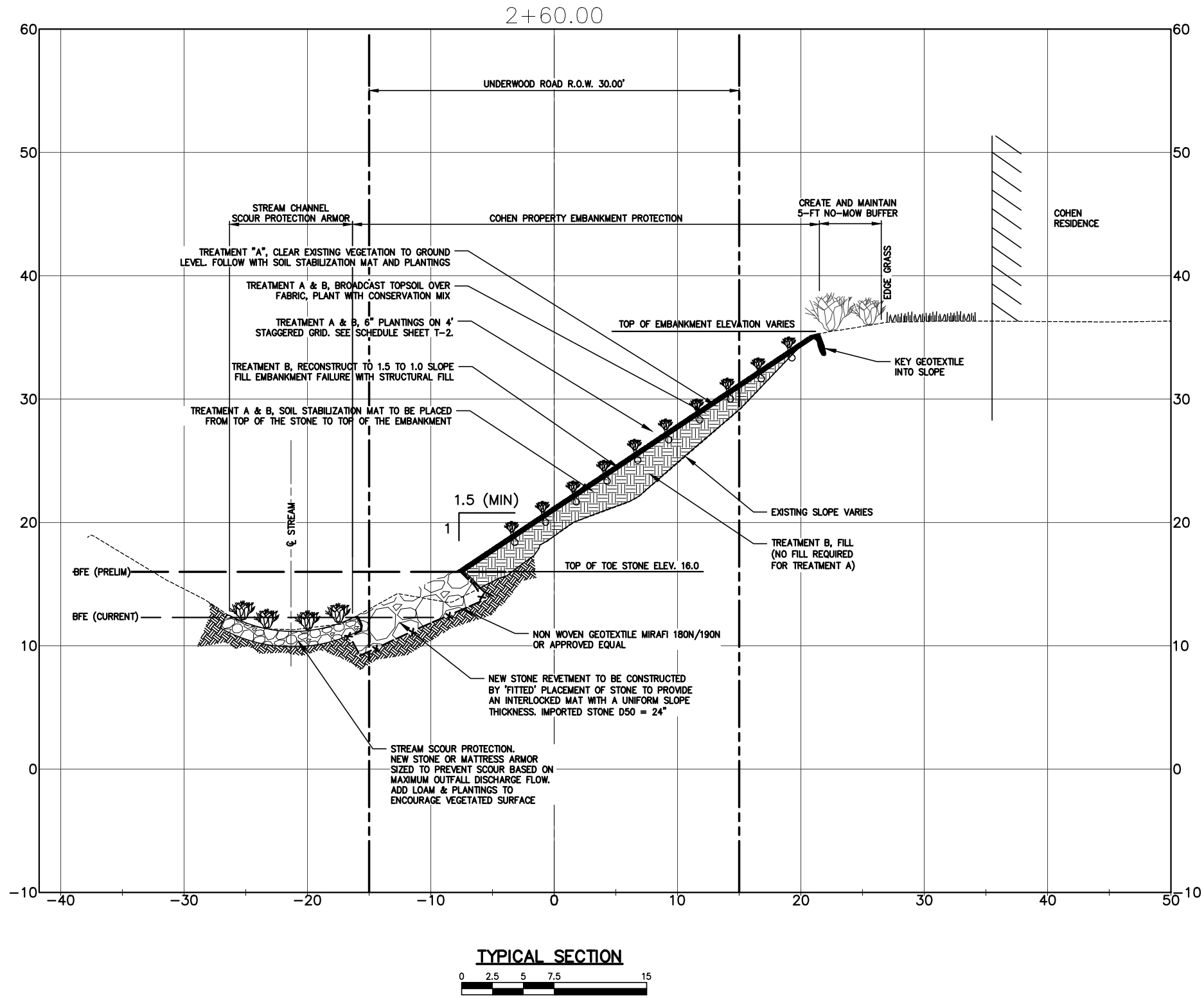
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PROJECT: UNDERWOOD ROW IMPROVEMENTS
FALMOUTH, MAINE

DATE:	JUNE 2015
CONTRACT NO.:	14-56
SHEET NO.:	G-5
REV.:	A

NO.	DATE	INT.
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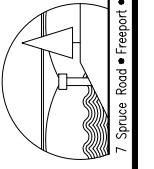
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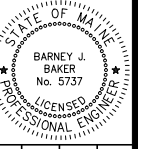
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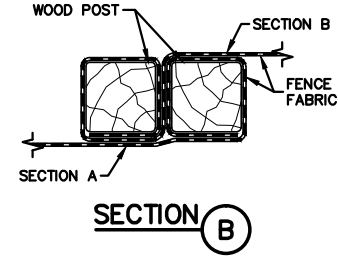
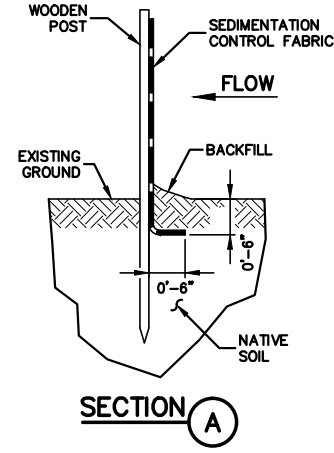
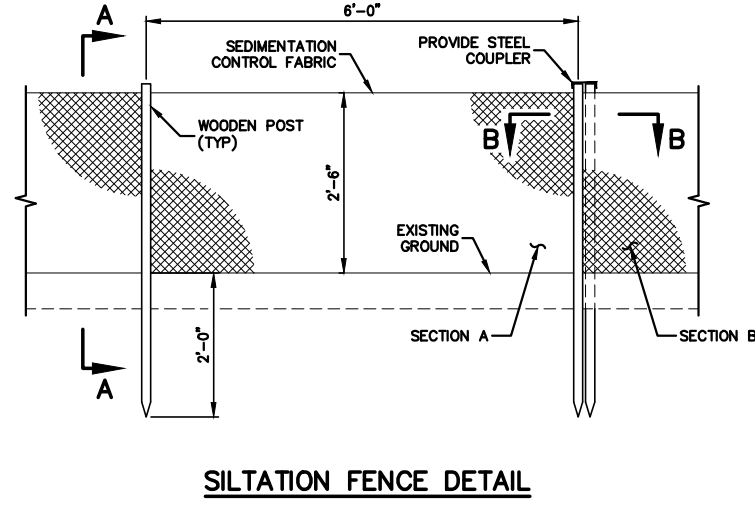
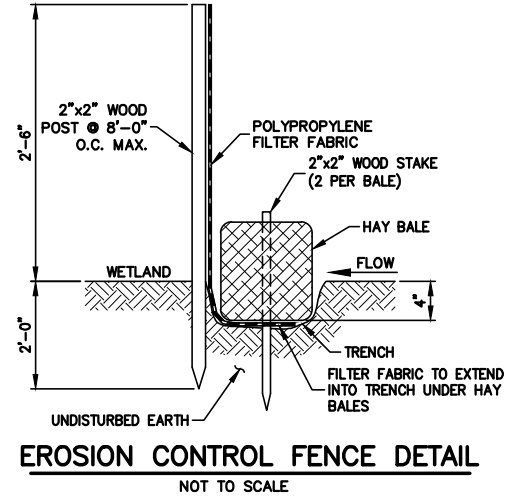
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A	PRELIMINARY DESIGN REVIEW	7-27-15	BUB
	SUBMISSION	DATE	INT.



DESIGNED BY:	BUB
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CHECKED BY:	BUB
SCALE:	AS SHOWN

SHEET TITLE:	TYPICAL SECTION
PROJECT:	UNDERWOOD ROW IMPROVEMENTS FALMOUTH, MAINE
DATE:	JUNE 2015
CONTRACT NO.:	14-56
SHEET NO.:	C-3
REV.:	A

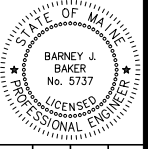
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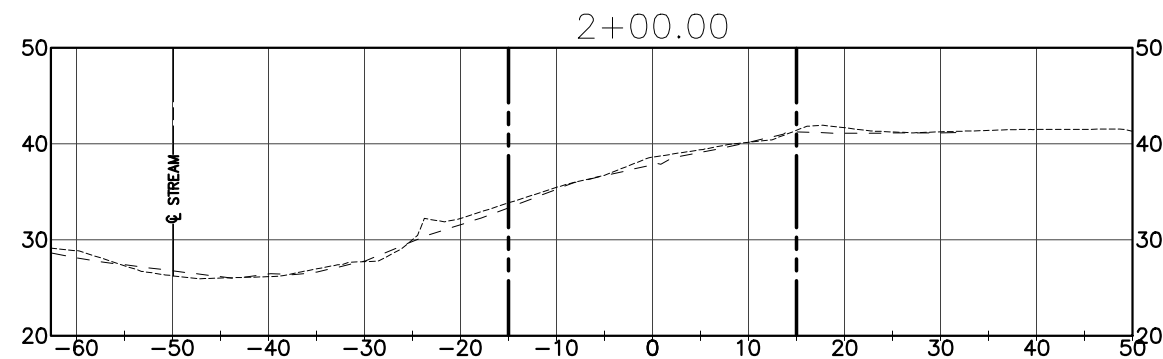
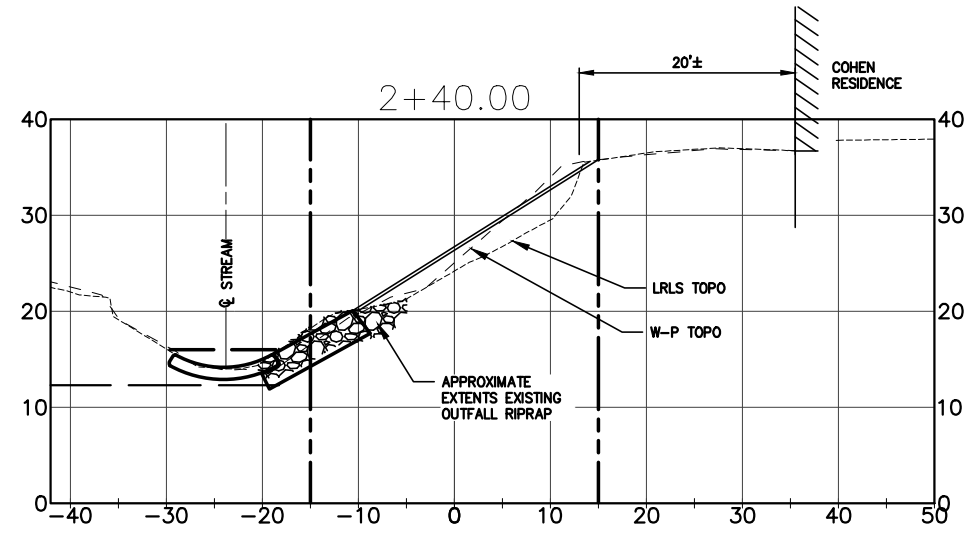
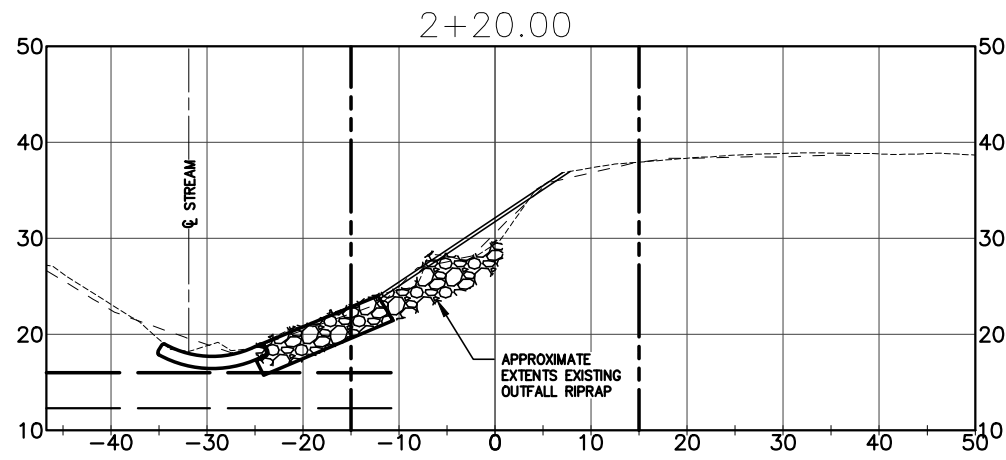
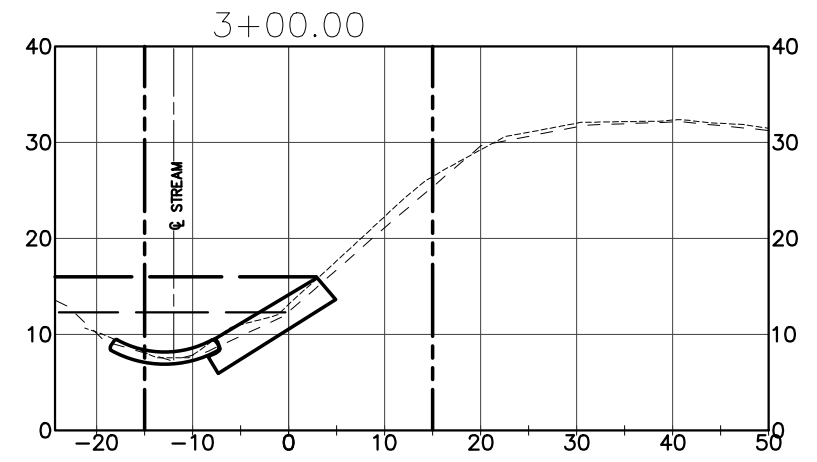
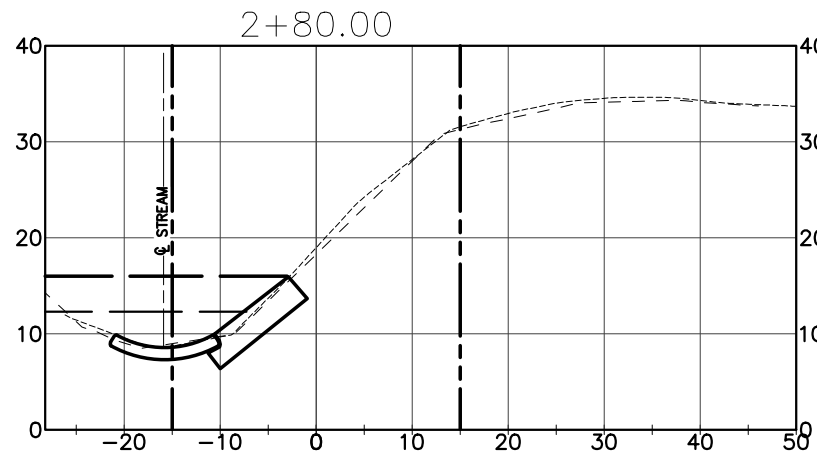
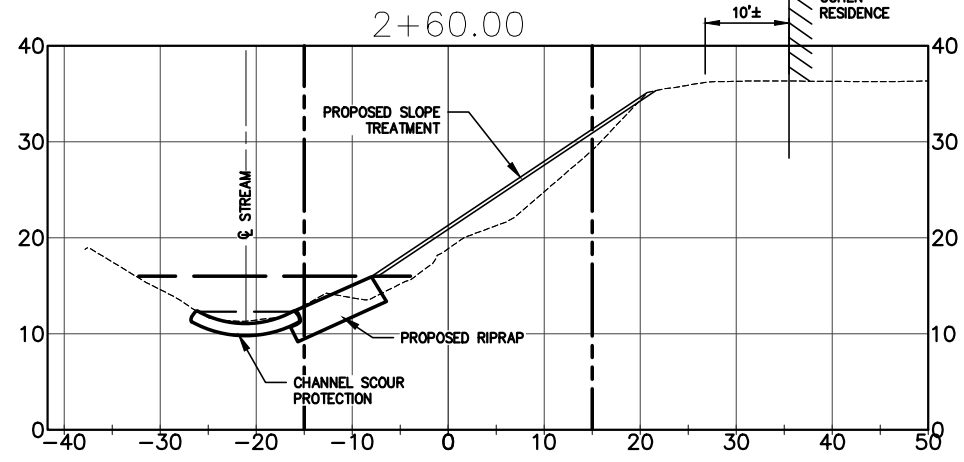
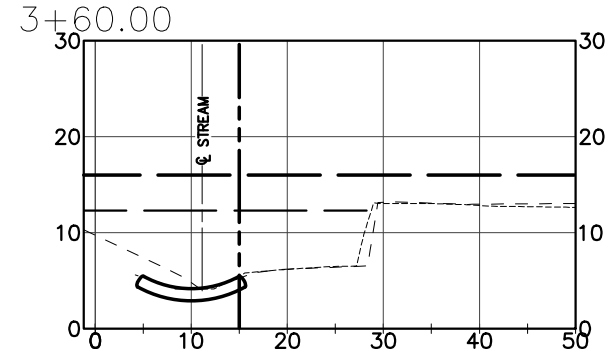
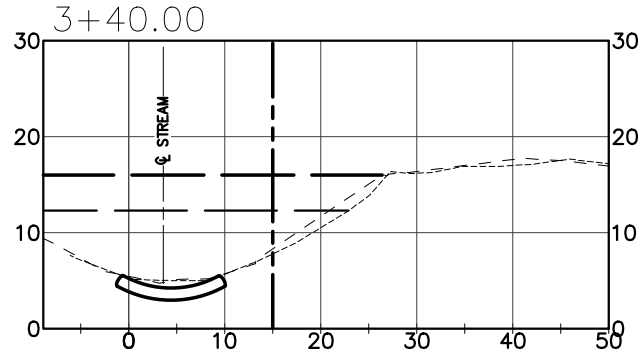
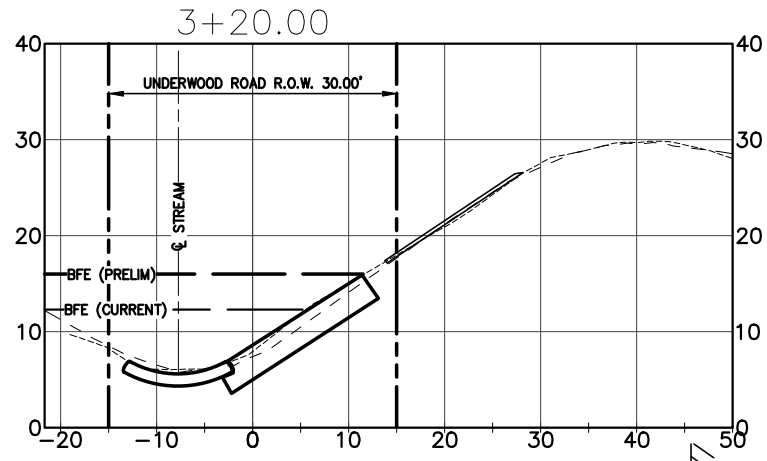


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SCALE:	AS SHOWN

SHEET TITLE:	DETAILS
PROJECT:	UNDERWOOD ROW IMPROVEMENTS FALMOUTH, MAINE
DATE:	JUNE 2015
CONTRACT NO.:	14-56
SHEET NO.:	C-4
REV.:	A

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NOTES:
1. STATIONING BASED ON & OF UNDERWOOD ROAD R.O.W. SEE SHEET G-3.
2.

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DESIGNED BY:	BUB
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SHEET TITLE: EXISTING SLOPE SECTIONS
PROJECT: UNDERWOOD ROW IMPROVEMENTS
FALMOUTH, MAINE

DATE: JUNE 2015
CONTRACT NO.: 14-56

SHEET NO. C-5
REV. A