







**CONSTRUCTION NOTES (THIS SHEET ONLY)**

- 1 EXISTING PROPOSED GABION WALL. SEE DETAIL A, THIS SHEET AND FIGURE 1.
- 2 EXISTING PROPOSED SMALL WALL WITH 6"-24" ROCK REPAIR.
- 3 EXISTING PROPOSED 24" PLASTIC COMPACTED PIPE.
- 4 HAZARD AND ASSOCIATED RESTORATION PLAN AS WASHINGTON. SEE FIGURE 2 SHEET 4.
- 5 EXISTING PROPOSED SPOT GRADING FOR BOLLARD PLACEMENT AND TREE WELL.
- 6 EXISTING PROPOSED 6"-24" ROCKS FOR SLOPE STABILIZATION.
- 7 REMOVED BOLLARDS PER PREVIOUS PERMITS.

**EARTHWORK QUANTITIES**

QTY: 341 CUBIC YARDS  
 NET: 3,260 CUBIC YARDS ALL  
 PLEASE NOTE THAT THERE MAY BE SOME DISCREPANCY BETWEEN THE AERIAL PHOTO FROM 2008 AND THE PHOTO FROM 2010. THIS IS DUE TO THE LIMITATIONS OF THE PHOTOGRAPHER'S RESOLUTION.

**LEGEND**

- EXISTING PROPOSED REPAIR SMALL
- EXISTING PROPOSED GABION WALL
- EXISTING PROPOSED ROCKS
- EXISTING TREE
- EXISTING UTILITY POLE
- EXISTING OVERHEAD WIRE
- PROPERTY BOUNDARY
- 7' BLUFF RETREAT AND CONSTRUCTION OF SAFETY SETBACK
- BLUFF RETREAT SETBACK
- EXISTING PROPOSED MAJOR CONTOUR
- EXISTING CONTOUR
- CANYON SETBACK LINE
- TOP OF BANK/EDGE OF PERMANENT
- SPOT ELEVATION

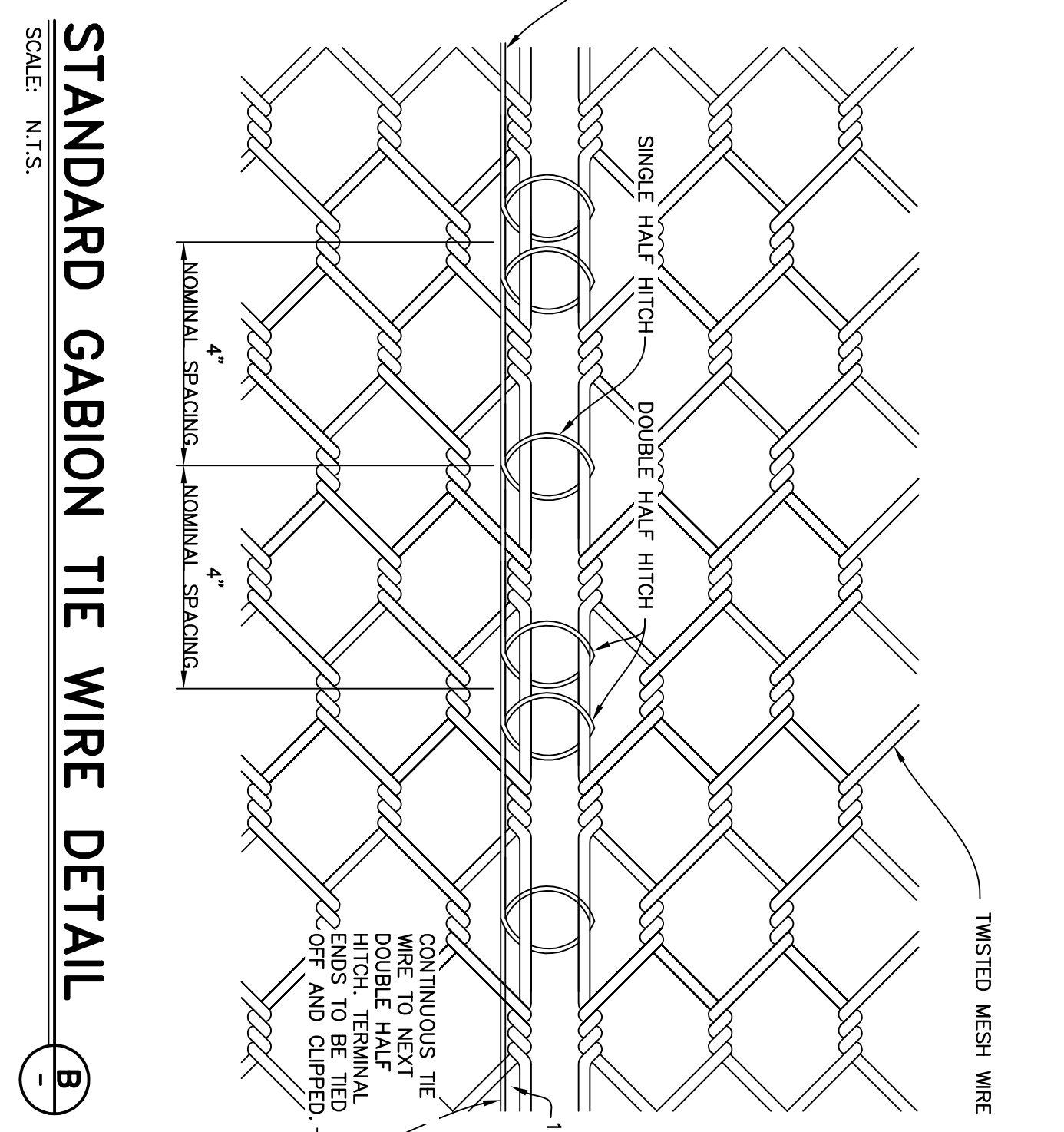
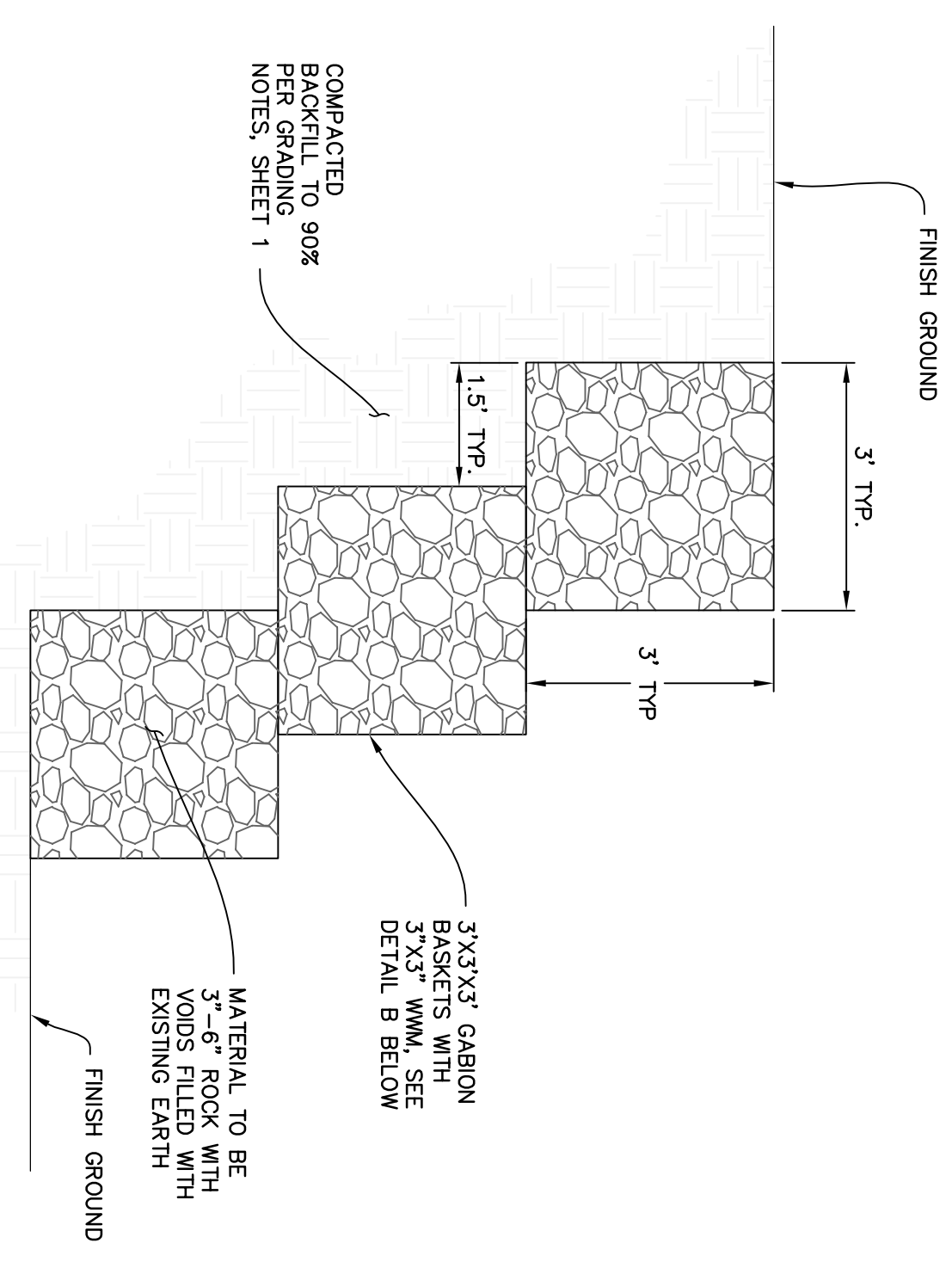
**GENERAL NOTE**

ALL WORK SHALL CONFORM WITH COUNTY APPROVED HABITAT RESTORATION AND/OR PERMITS.

**NOTE**

EXISTING PROPOSED WORK WAS DONE IN 2010

**EXISTING PROPOSED GABION WALL DETAIL**  
 SCALE: 1"=2'

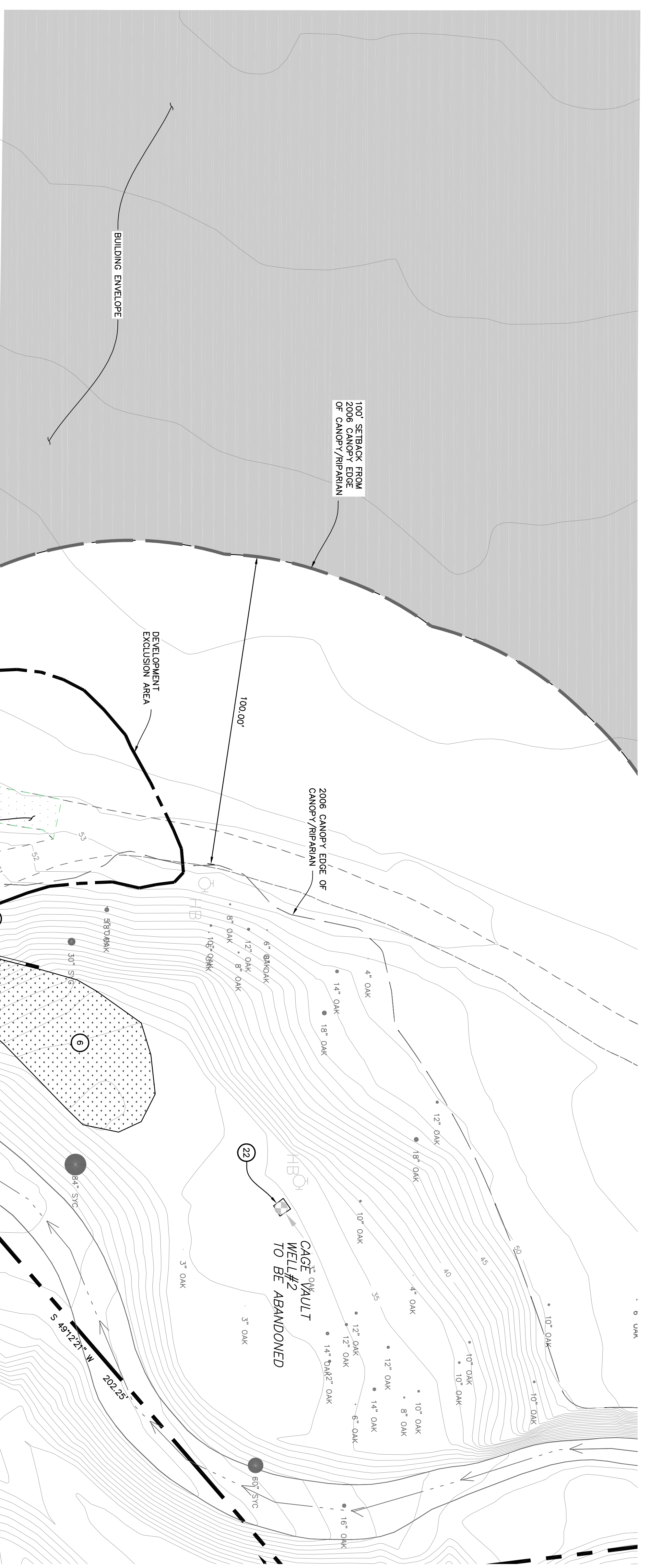


**NOTE**

HABITAT RESTORATION AND RESTORATION PLAN FOR 2008 PROVIDED LANE, SUMNER AND CRR UNIT AND ASSOCIATED BIOLOGICAL APPROVED UNDER SEPARATE PERMIT.

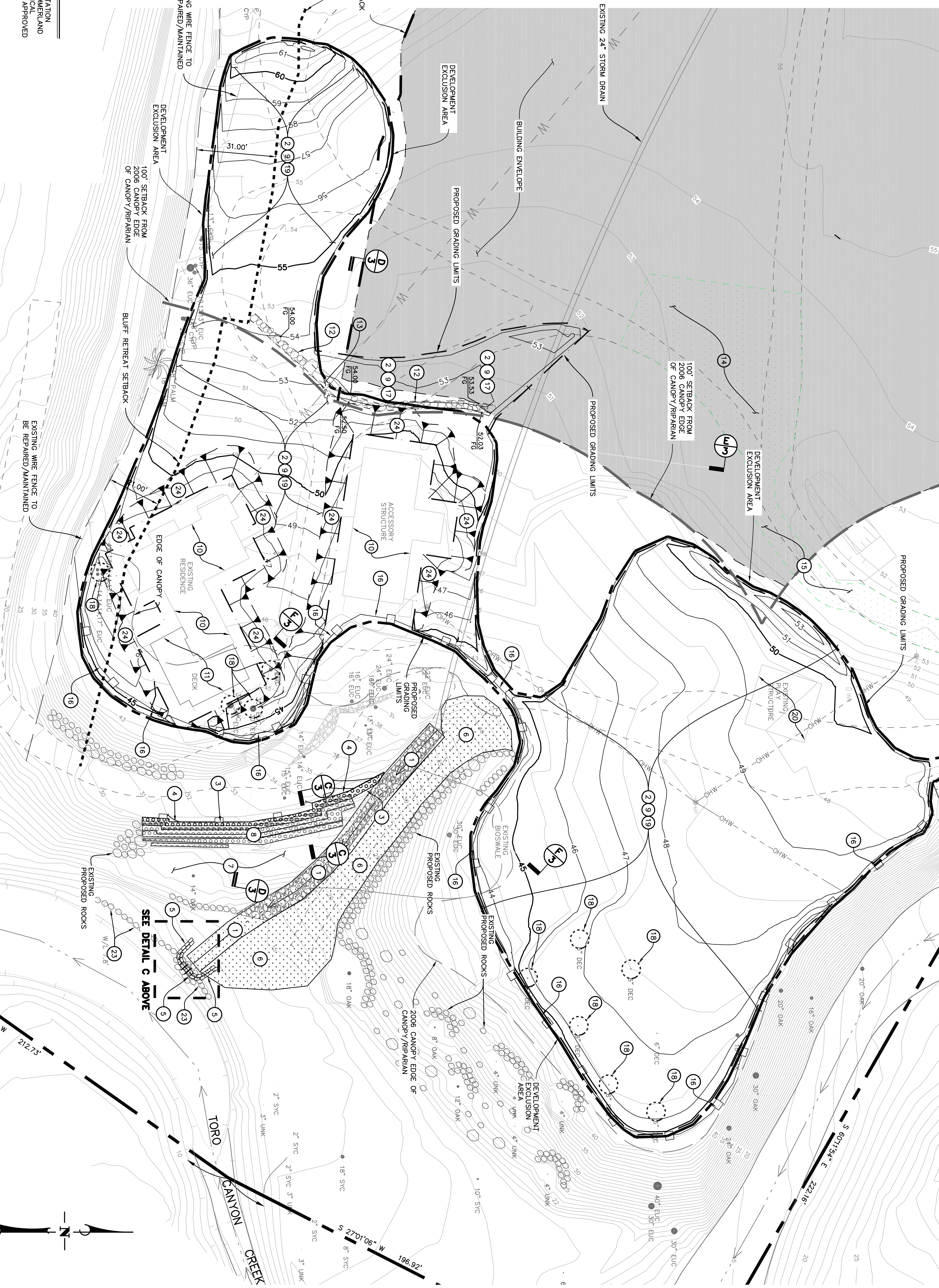
<b>NO.</b>	<b>DATE</b>	<b>REVISIONS</b>	<b>NO.</b>	<b>DATE</b>	<b>REVISIONS</b>
			<b>Perfield &amp; Smith</b> 111 East Linden Street San Francisco, CA 94111 Phone: (415) 774-3333		
DESIGN: JBJ CHECKED: JBN PROJECT: 17189-03			DRAWN: JBJ PROJECT: 17189-03		
COUNTY OF SANTA BARBARA, CA REVIEWED BY:			SHEET 2 OF 5 DATE: 2/27/2015		
SIGNATURE:			EXISTING PROPOSED 11CDH-00000-00006 AS-BUILT GRADING AND MODIFICATIONS TO THE HABITAT RESTORATION AND RESTORATION PLAN 2823 PADDO LANE, SUMNER AND, SANTA BARBARA COUNTY, CA		





APN 005-260-018

CAGE HOLE WELL TO BE ABANDONED



**NOTE**  
 HABILITATION AND RESTORATION PLAN FOR SAGE PARADISE MEADOWS FOR HUNT AND ASSOCIATES BIOLOGICAL CONSULTING AND RESTORATION UNDER SEPARATE PERMIT.

**GENERAL NOTE**  
 ALL WORK SHALL CONFORM WITH COUNTY APPROVED HABITAT RESTORATION MANUAL.

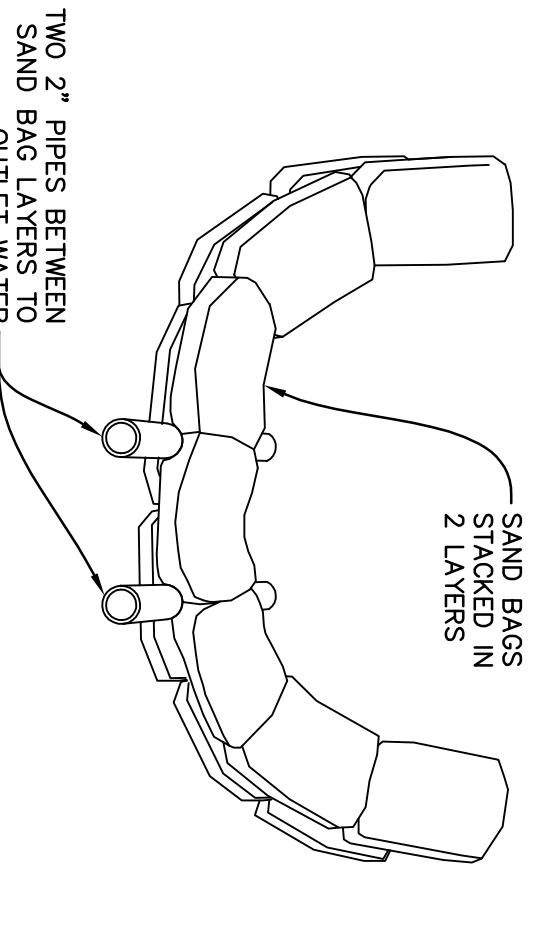
**CONSTRUCTION NOTES (THIS SHEET ONLY)**

- 1 VEGETATED SWALE PER DETAIL E, THIS SHEET.
- 2 GRADED AREA FOR RESOURCE CARPING CONSTRUCT 1 1/2" OF FILL PER TORO-CORR-ROCK (PANEL A)
- 3 2" WIDE GARDEN WALL ON TOP OF EXISTING WALL SEE CROSS SECTION C SHEET 4.
- 4 CONSTRUCT NEW 40" HIGH SPLIT RAIL SAFETY FENCE. SEE FIGURE 1, THIS SHEET.
- 5 CONSTRUCT TEMPORARY EROSION CONTROL FACILITY PER DETAIL C, THIS SHEET.
- 6 PROPOSED NATIVE SEEDINGS PER BIOLOGISTS RECOMMENDATIONS AND WEATHERING FOOTPRINT FOR BIODIVERSITY RESTORATION.
- 7 HABITAT RESTORATION AREA AND SOPE STABILIZATION PER HUNT AND ASSOCIATES REVEGETATION PLAN. SEE FIGURE 2, SHEET 4.
- 8 NATIVE PLANTINGS TO BE PLANTED ON GARDEN WALL PER BIOLOGISTS RECOMMENDATIONS.
- 9 PROPOSED GEORPANE LAYER OVER EXISTING GROUND.
- 10 EXISTING LEAK RESIDUE TO REMAIN.
- 11 EXISTING DECK TO REMAIN.
- 12 PROPOSED 2:1 SLOPED ROCK WALL (6"-24" ROCKS).
- 13 PROPOSED SANDSTONE STEPS AS SHOWN.
- 14 STABILIZE EXISTING DIRT ROAD WITH CLASS II BASE.
- 15 PROPOSED SPLIT RAIL SAFETY FENCE AND FOUNDATION IN FILL ONLY PER DETAIL D, THIS SHEET. SEE ALSO FIGURE 1, THIS SHEET.
- 16 LANDSCAPING USING BROAD SPREADING ROOTS TO NOT REPARATE INTO EXISTING GROUND. SEE TYPICAL LANDSCAPE SECTION DETAIL F, THIS SHEET.
- 17 CONSTRUCT TREE WELL AROUND EXISTING TREE.
- 18 EXISTING LAWYER AREA/ROCK AREA TO BE REMOVED AND REPLACED WITH NATIVE PLANTINGS PER BIOLOGISTS RECOMMENDATIONS.
- 19 EXISTING RETAINING WALL TO BE REMOVED AND REPLACED WITH 2:1 FILL GRADING.
- 20 EXISTING GREEN WALL TO BE REMOVED.
- 21 EXISTING ROCKS TO BE REMOVED PER BIOLOGISTS RECOMMENDATION.
- 22 MAXIMUM 5:1 SLOPE TO 5' FROM EXISTING BUILDING PER GRADING NOTES.

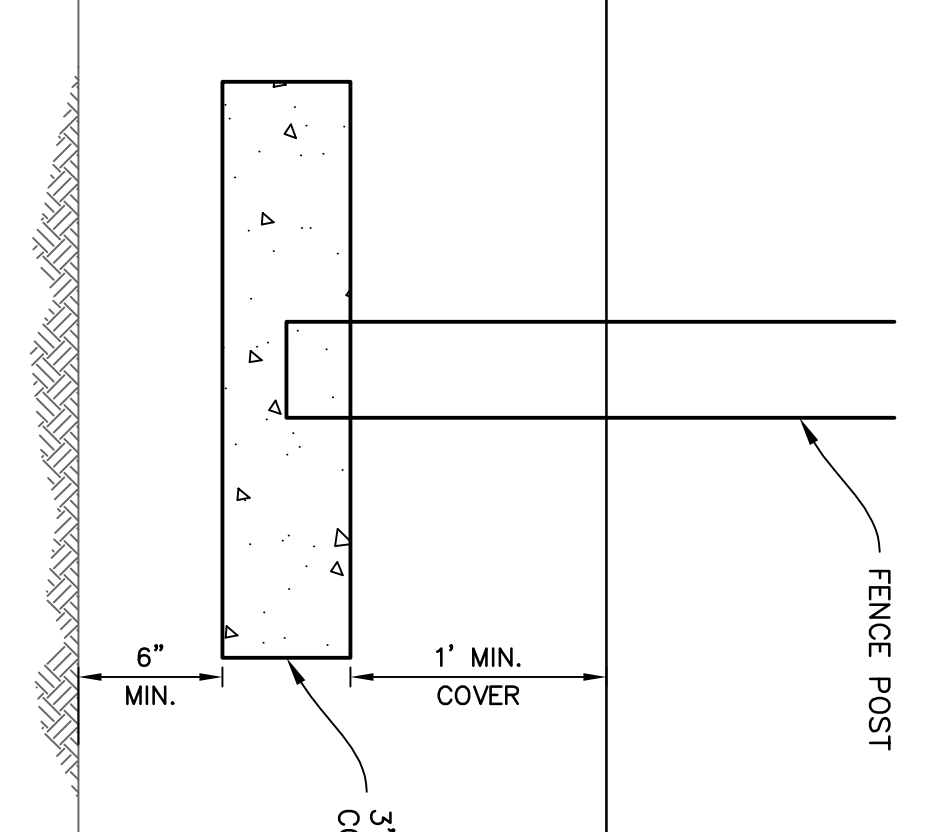
**EARTHWORK QUANTITIES**

GARDEN WALL GRADING  
 CUT: 55 CUBIC YARDS  
 FILL: 50 CUBIC YARDS  
 REINFORCED CASING GRADING  
 CUT: 9 CUBIC YARDS  
 FILL: 2,281 CUBIC YARDS FILL  
 TOTAL: 2,290 CUBIC YARDS FILL

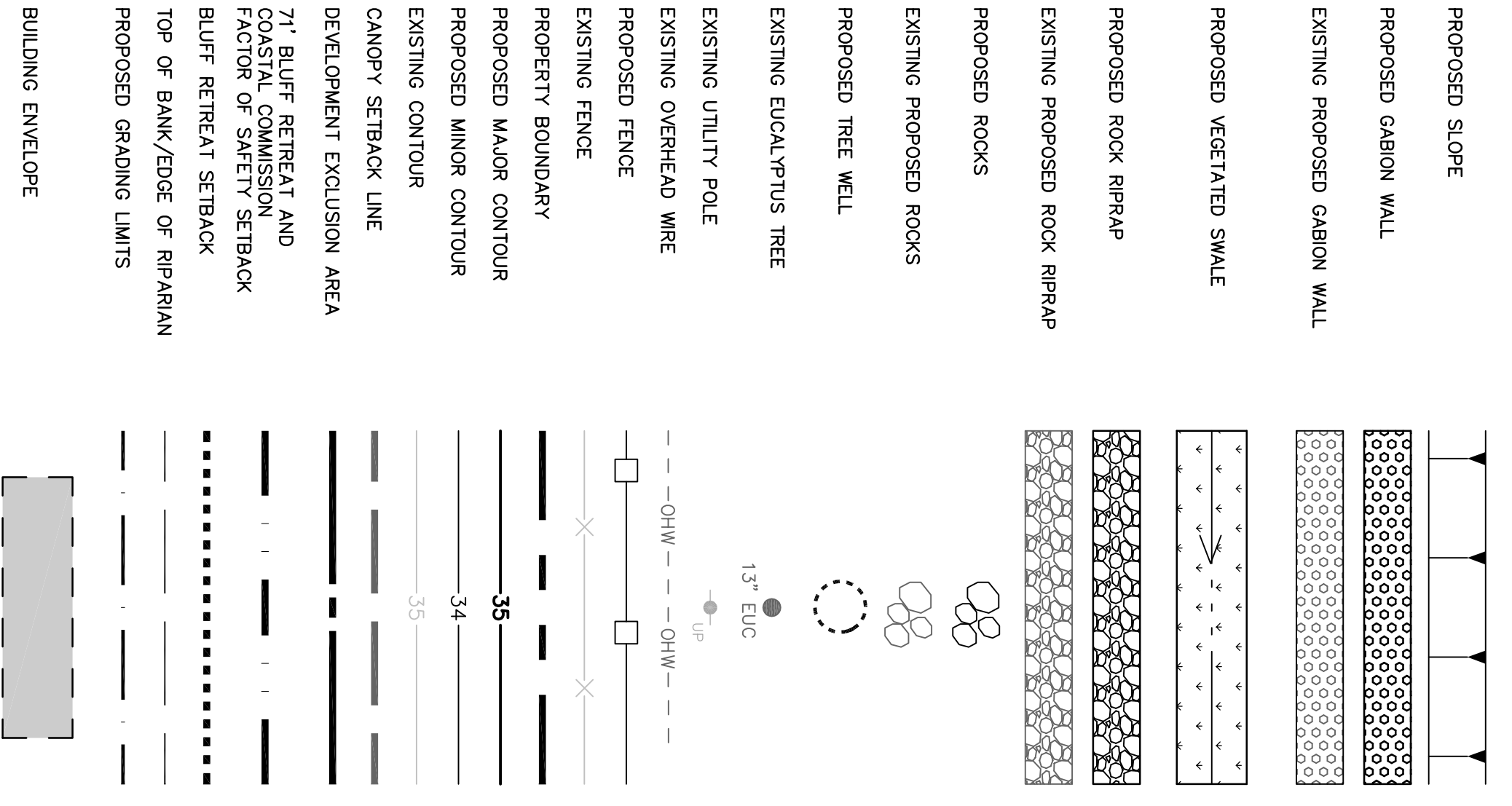
**NOTE:** PLEASE NOTE THAT THESE MAY BE SOME DISCREPANCY BETWEEN THE ALBAM TORO FROM PHOTOGRAMMETRY TECHNIQUES.



**TEMPORARY SAND BAG DE-SILTING STRUCTURE**



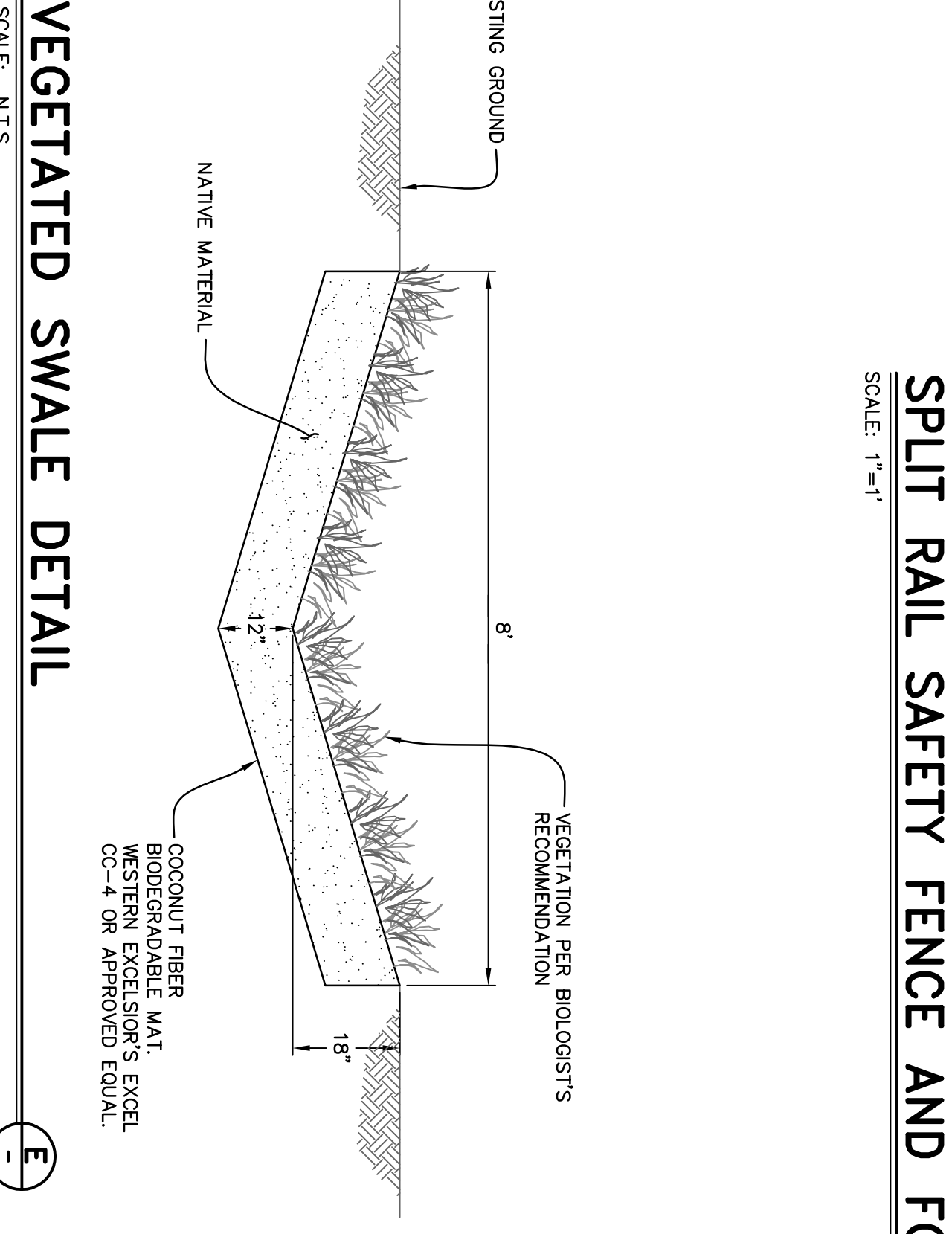
**LEGEND**



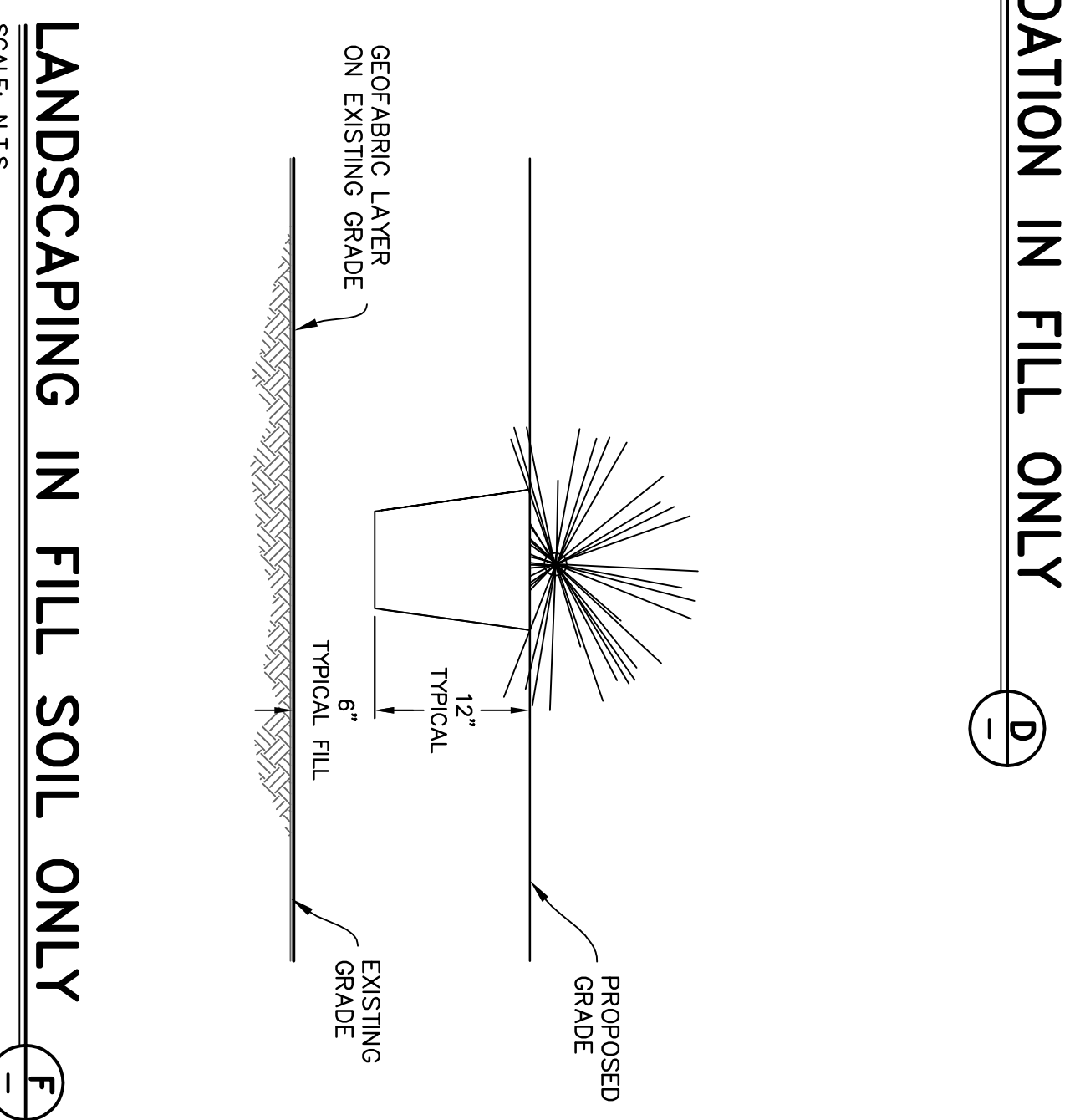
**SPLIT RAIL SAFETY FENCE**



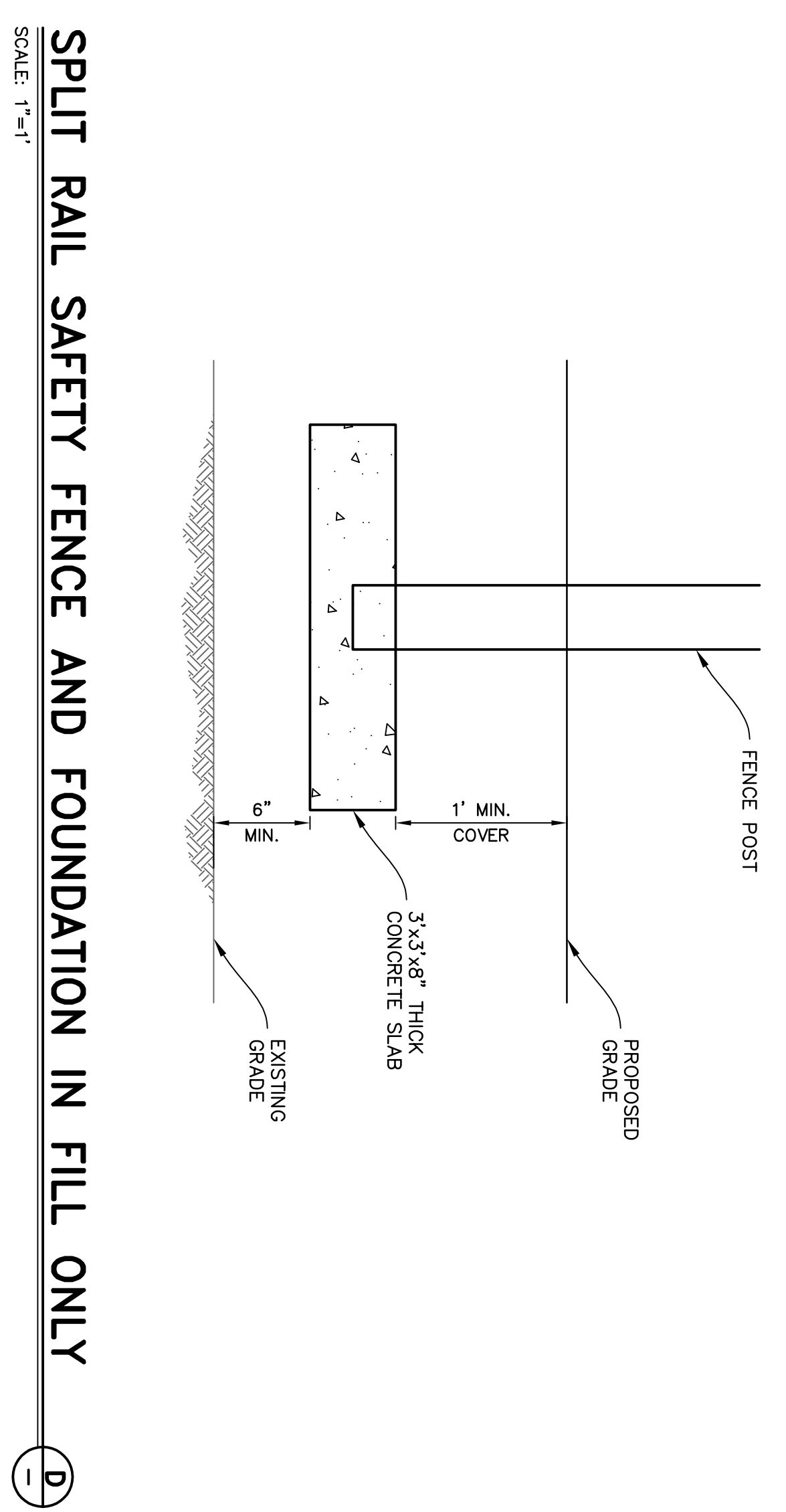
**VEGETATED SWALE DETAIL**



**LANDSCAPING IN FILL SOIL ONLY**



**SPLIT RAIL SAFETY FENCE AND FOUNDATION IN FILL ONLY**



**REVISIONS**

NO.	DATE	DESCRIPTION
1	2/26/15	ISSUE FOR PERMIT

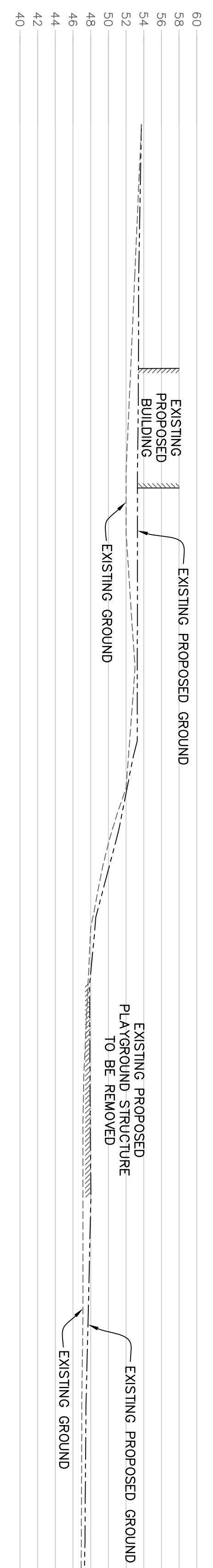
**DESIGNER:** JBU  
**CHECKED:** JBN  
**DATE:** 2/26/15

**PROJECT:** 1100H-00-0000-00006 AS-BUILT RESTORATION AND MODIFICATIONS TO THE HABITAT RESTORATION AND REVEGETATION PLAN 2825 PADDO LANE, SUMNERLAND, SANTA BARBARA COUNTY, CA

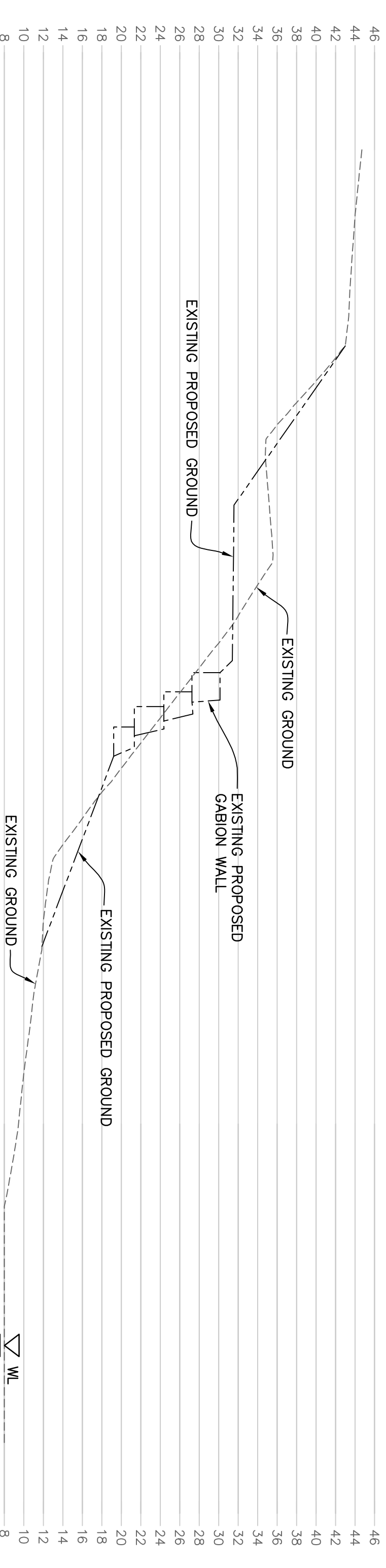
**CLIENT:** PERFIELD & SMITH  
 111 East Linden Street  
 Santa Barbara, CA 93101  
 Phone: (805) 964-9801  
 Fax: (805) 964-9801  
 R.C.E. 29881

**CONTRACT NO.:** 17189-03  
**SHEET NO.:** 5 OF 5  
**DATE:** 2/27/2015

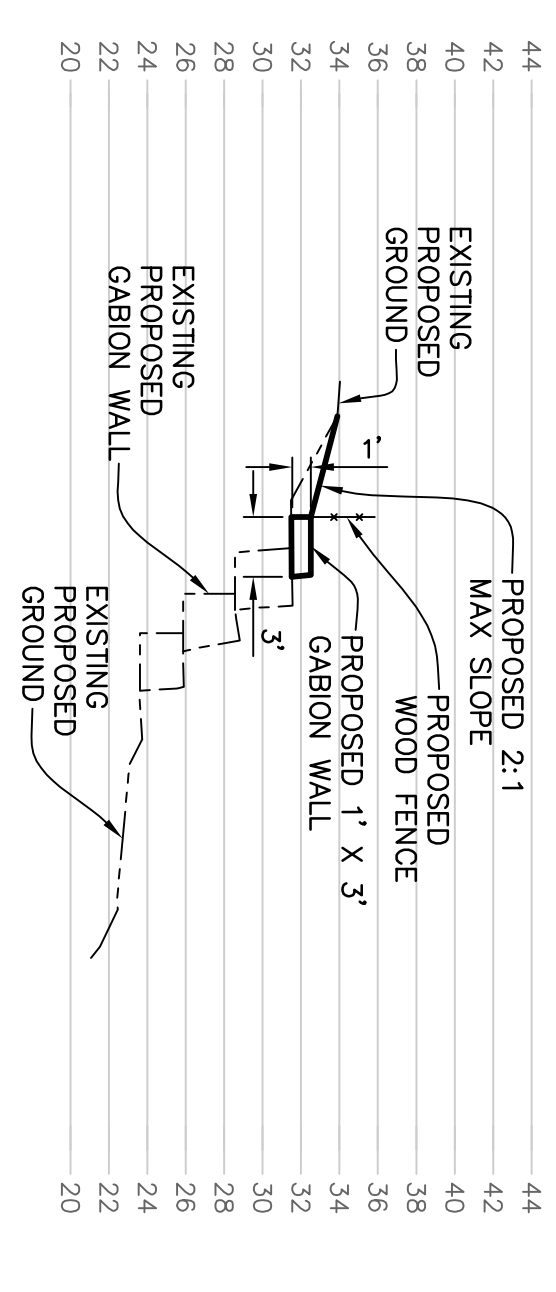




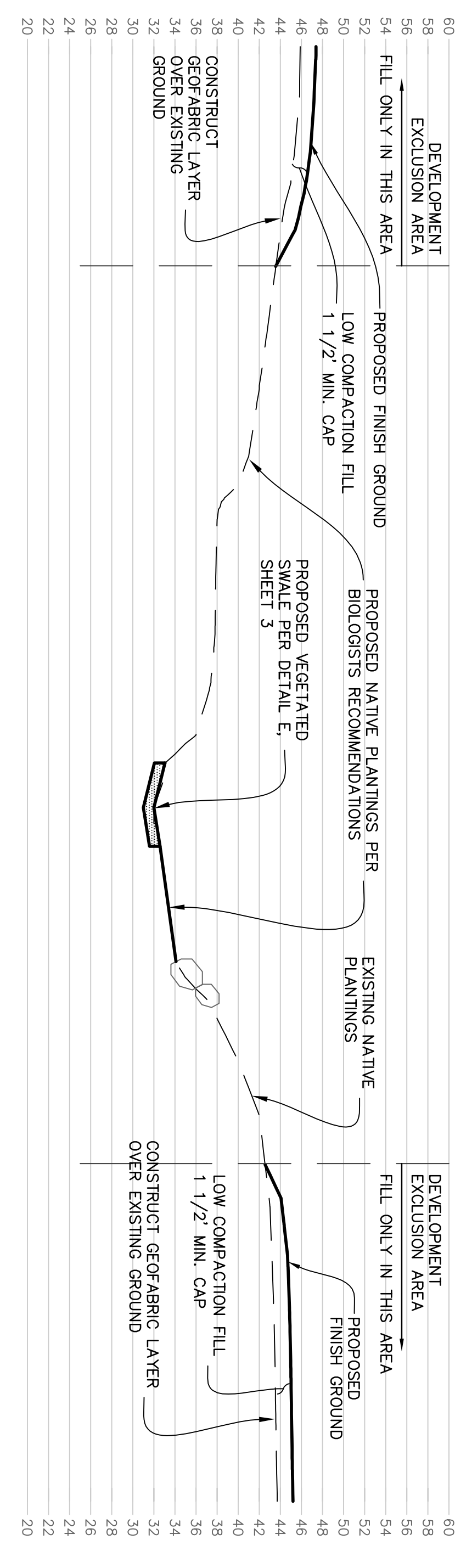
EXISTING PROPOSED BUILDING AND PLAYGROUND  
SCALE: 1"=10'



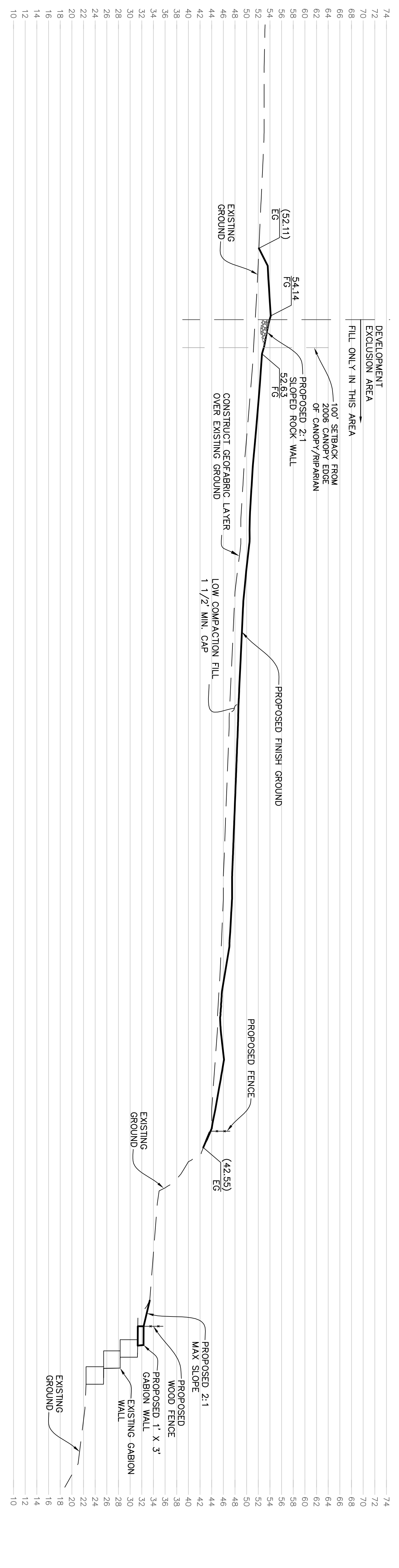
EXISTING PROPOSED GABION WALL  
SCALE: 1"=10'



PROPOSED GABION WALL  
SCALE: 1"=10'



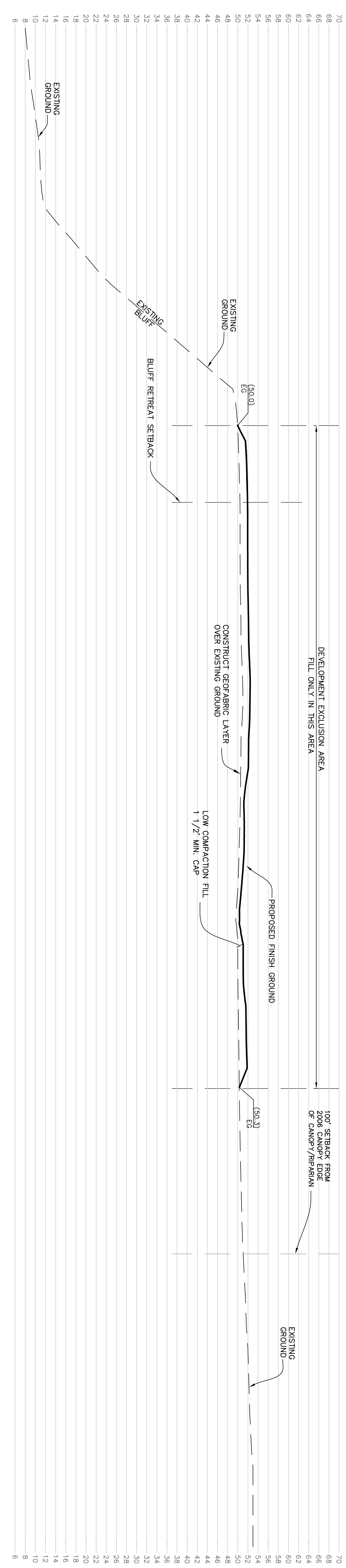
PROPOSED RESOURCE CAPPING AND VEGETATED SWALE  
SCALE: 1"=10'



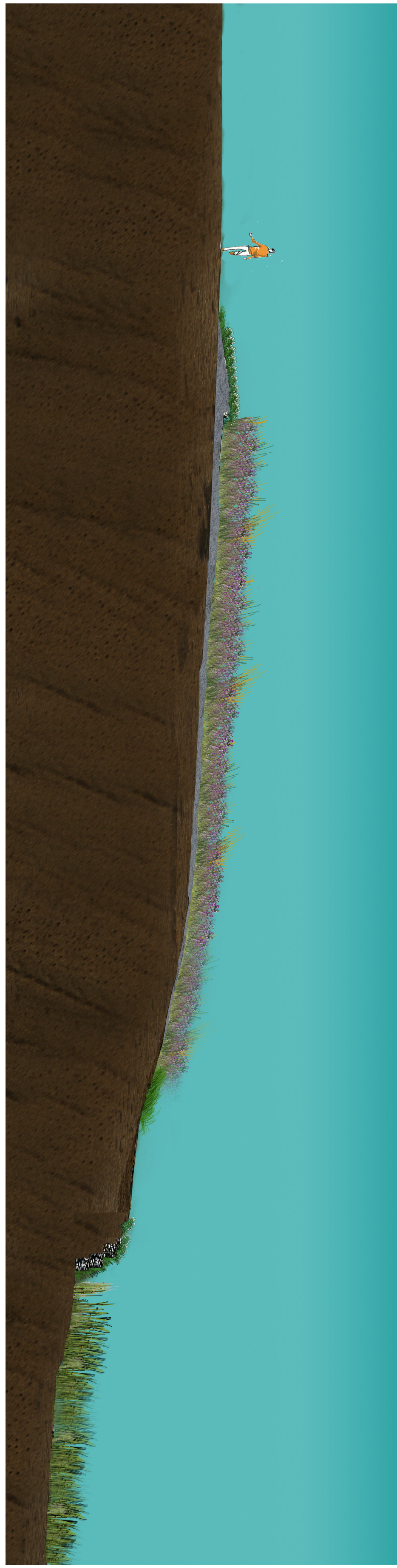
PROPOSED RESOURCE CAPPING GRADING  
SCALE: 1"=10'



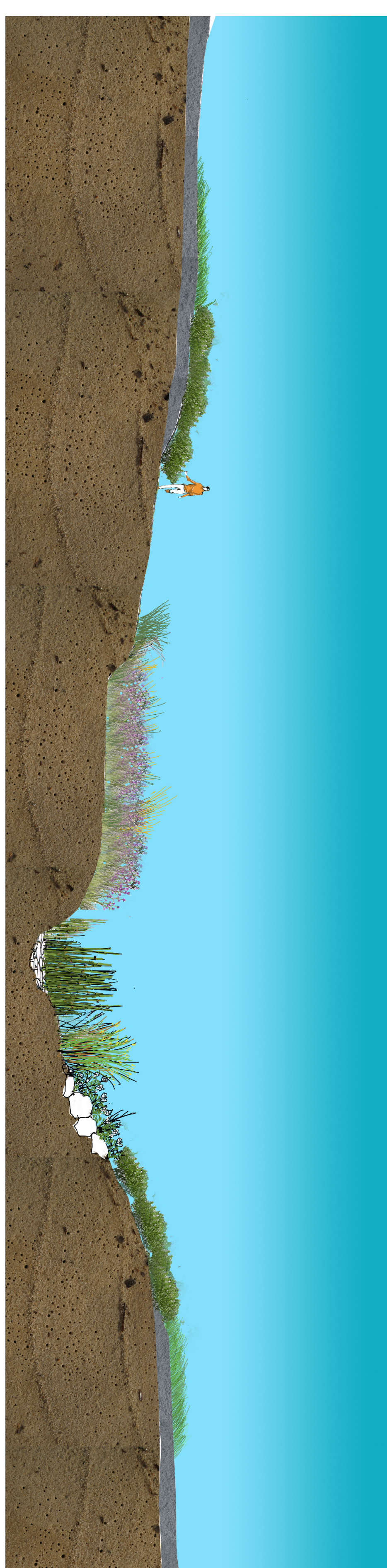
GABION WALL  
REVEGETATION AREA  
NOTE: SEE RESTORATION DETAILS BY LAWRENCE HUNT.



PROPOSED RESOURCE CAPPING GRADING  
SCALE: 1"=10'



CROSS SECTION D - ARCHITECT'S RENDITION  
SCALE: N.T.S.



CROSS SECTION F - ARCHITECT'S RENDITION  
SCALE: N.T.S.

NOTE

HABITAT RESTORATION AND VEGETATION PER HUNT AND ASSOCIATES BIOLOGICAL CONSULTING SERVICES, PREPARED BY APPROVED CONSULTING ENGINEER.

NO.	DATE	REVISIONS

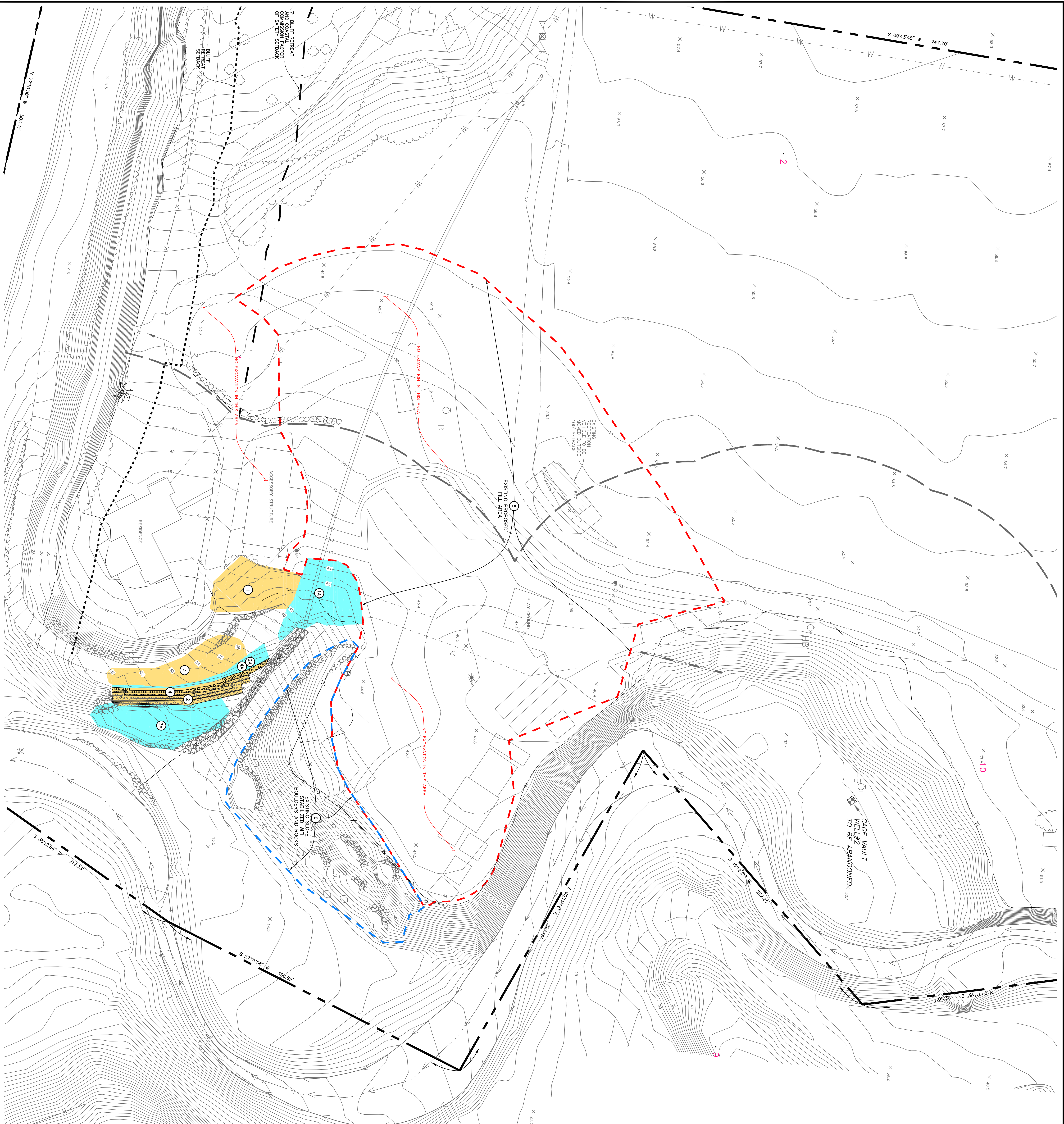
**Perfield & Smith**  
 111 East Linden Street  
 Santa Barbara, CA 93101  
 Phone: (805) 964-2632

**AGRA & ANDRADA**  
 9 PROJECT ENGINEER  
 Santa Barbara, CA 93101  
 Phone: (805) 964-9801  
 R.C.E. 29811

**Professional Engineer Seal**  
 No. 29811  
 State of California  
 Civil Engineering

CROSS SECTIONS AND PICTURES  
 110DH-00000-00006  
 AS-BUILT GRADING AND MODIFICATIONS TO THE  
 HABITAT RESTORATION AND REVEGETATION PLAN  
 2625 PLOVER LAKE, SUMMERLAND, SANTA BARBARA COUNTY, CA





### LEGEND

EXCAVATED SOIL	(Symbol: Yellow fill)
RELOCATION OF EXCAVATED SOIL	(Symbol: Blue fill)
EXISTING WALL	(Symbol: Dashed black line)
PROPOSED ROCK RETAIN OR SLOPE	(Symbol: Dashed red line)
EXISTING PROPOSED BRICK SMILE	(Symbol: Dotted black line)
PROPOSED CARBON WALL	(Symbol: Stippled black fill)
EXISTING PROPOSED CARBON WALL	(Symbol: Stippled black fill)
EXISTING PROPOSED ROCKS	(Symbol: Stippled black fill)
PROPERTY BOUNDARY	(Symbol: Solid black line)
EXISTING PROPOSED CONTOUR	(Symbol: Dashed black line)
EXISTING PROPOSED FILL BOUNDARY	(Symbol: Dashed black line)
EXISTING PROPOSED ROCK STABILIZATION AREA	(Symbol: Dashed black line)
CANOPY SETBACK LINE	(Symbol: Dashed black line)
DEVELOPMENT EXCLUSION AREA	(Symbol: Dashed black line)
FACTORY OF SAFETY SETBACK	(Symbol: Dashed black line)
BLUFF RETREAT SETBACK	(Symbol: Dashed black line)
TOP OF BANK/TOP OF BERGAM	(Symbol: Dashed black line)

### AREA EXPLANATION AND EARTHWORK

AREA	AREA EXPLANATION	EARTHWORK QUANTITIES
1	CUT AREA FOR EXISTING PROPOSED DRIVE	60 CUBIC YARDS (MAX CUT = 3 FT)
2	CUT AREA FOR EXISTING PROPOSED CARBON WALL	8 CUBIC YARDS (MAX CUT = 3.5 FT)
3	CUT AREA FOR EXISTING PROPOSED ONE BRANCH ACCESS	275 CUBIC YARDS (MAX CUT = 7 FT)
4	PROPOSED FILL FOR ADDITIONAL CARBON HEIGHT = 1.5 FT	2 CUBIC YARDS (MAX CUT = 2 FT)
5	FILL FOR EXISTING PROPOSED GRADING	3,390 CUBIC YARDS (TTL)
6	BOULDERS AND ROCKS PLACED TO STABILIZE EXISTING SLOPE	MISC. LARGE BOULDERS
7	CUT AND FILL FOR PROPOSED VEGETATED SMILE	50 CUBIC YARDS (CUT & FILL)

### NOTES

1. ALL FILL AREAS (AREA 5) WHERE OR WILL BE IMPORTED FROM OFFSITE SOURCES THAT ARE CLEAN CERTIFIED FILL.
2. HABITAT RESTORATION AND REVEGETATION PLAN FOR 2010 PROVIDED LATER. SUMMERLAND PER HUNT AND ASSOCIATES
3. BIOLOGICAL CONSULTING SERVICES, PREVIOUSLY APPROVED UNDER SEPARATE PERMIT.

### NOTE

GRADING FOR THIS SHEET WAS PERFORMED IN 2010.

NO.	DATE	REVISIONS

**Perfield & Smith**  
 111 East Linden Street  
 San Francisco, CA 94101  
 Phone: (415) 774-2322  
 Fax: (415) 774-2322  
 R.C.C. 29811

DESIGN: JBJ  
 CHECKED: JEN  
 PROJECT: 17189-03  
 SHEET: 5 OF 5  
 DATE: 2/27/2015

COUNTY OF SANTA BARBARA, CA  
 EXCAVATED SOIL RELOCATION EMBANK - PERMITTED IN 2010  
 AS-BUILT GRADING AND MODIFICATIONS TO THE  
 HABITAT RESTORATION AND REVEGETATION PLAN  
 2825 PADDO LANE, SUMMERLAND, SANTA BARBARA COUNTY, CA

P&S PROJECT NO. 17189-03  
 SHEET 5 OF 5  
 P&S DATE 2/27/2015