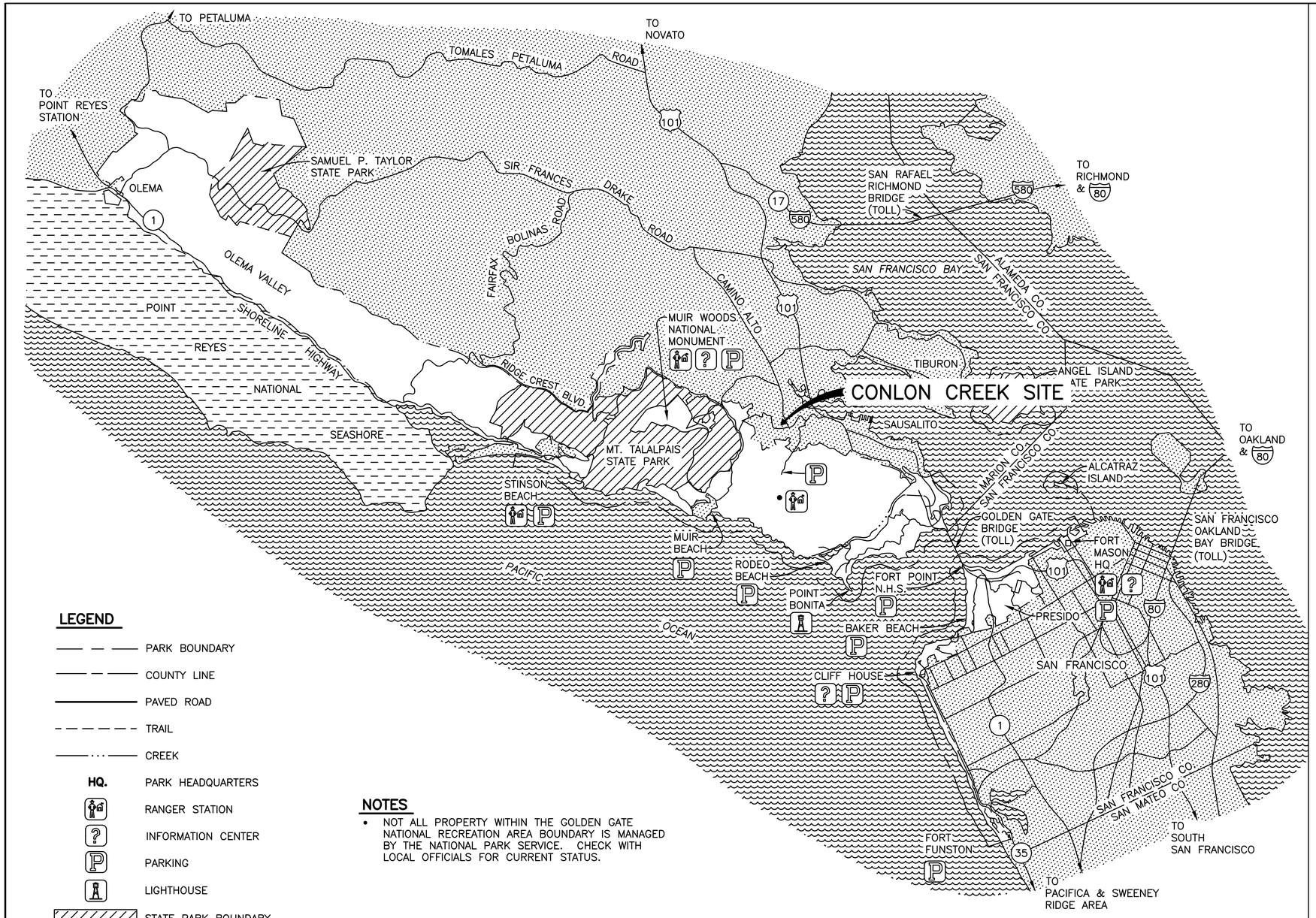

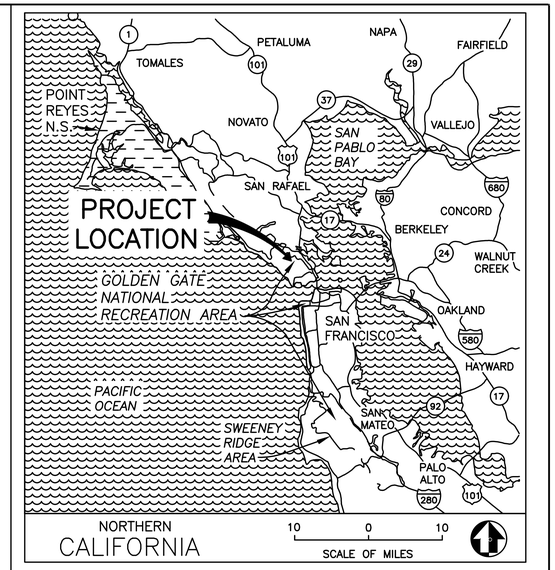

LEGEND

- PARK BOUNDARY
- COUNTY LINE
- PAVED ROAD
- TRAIL
- CREEK
- HQ. PARK HEADQUARTERS
- RANGER STATION
- INFORMATION CENTER
- PARKING
- LIGHTHOUSE
- STATE PARK BOUNDARY
- ADJACENT NATIONAL PARK

NOTES

- NOT ALL PROPERTY WITHIN THE GOLDEN GATE NATIONAL RECREATION AREA BOUNDARY IS MANAGED BY THE NATIONAL PARK SERVICE. CHECK WITH LOCAL OFFICIALS FOR CURRENT STATUS.

GOLDEN GATE NATIONAL RECREATION AREA

SCALE OF MILES
1 0 1 2 3
1 0 1 2 3 4
SCALE OF KILOMETERS

SHEET INDEX		
SHEET	SUB SHEET NO.	SHEET DESCRIPTION
1	G0.1	TITLE SHEET AND INDEX
2	G0.2	LEGEND AND NOTES
3	G0.3	DEMOLITION AND PROTECTION PLAN
4	G0.4	SITE ACCESS AND STAGING
5	C1.0	PROPOSED CENTERLINE COORDINATES
6	C1.1	PROPOSED CONDITIONS
7	C1.2	CONLON CREEK PROFILE
8	C1.3	TRIBUTARY PROFILE & CROSS SECTIONS
9	C1.4	DETAILS
10	E1.1	EROSION CONTROL

QUALITY DESIGN CERTIFICATION
- Prepared in Accordance with Design Development (Title I) _____ Drawing No.
- OR
- Variance from Design Development (Title I) Approved by Superintendent on _____ Date
- OR
- Construction Drawing Not Preceded by Design Development (Title I)

Project Manager _____ Date

REGISTERED PROFESSIONAL ENGINEER ROBERT O. ANDERSON C041711 CIVIL STATE OF CALIFORNIA Exp. 3/31/26 1/24/2025

DESIGNED: ROA
CADD: JT
TECH. REVIEW: ROA
DATE: 01.24.2025

SUB SHEET NO. G0.1

TITLE OF SHEET
TITLE SHEET & INDEX
CONSTRUCTION DRAWINGS
CONLON CREEK STREAM STABILIZATION
MUIR WOODS NATIONAL MONUMENT

DRAWING NO. GOGA 641 182805
PMIS/PKG NO. 253456
SHEET 1 OF 10

1/24/2025 1:18:23 PM 1/24/2025 1:18 PM JAMES TURNER Y:\Client Files\2862\2862-014\CAD\Engineering\Improvement Plans\G1.dwg

CHUTE	AREA (SF)	CLASS I-II RSP (CY)	ENGINEERED STREAMBED MATERIAL (CY)
1	142	13	6
2	142	13	6

POOL	AREA(SF)	CLASS I-II RSP (CY)
1	80	7
2	81	7
3	82	7

WEIR	CLASS V-VIII RSP (CY)
1	19
2	17
3	24
4	31
5	23
6	25

ROCK RAMP	AREA (SF)	CLASS V-VIII RSP W/ CLASS I AGGREGATE SUBBASE (CY)	ENGINEERED STREAMBED MATERIAL (CY)
RAMP	321	36	14
APRON	122	14	5
RAMP SLOPE E	385	43	17
RAMP SLOPE W	738	82	32

CONLON EARTHWORK SUMMARY	
CUT (CY)	376
FILL (CY)	113
NET CUT (CY)	263
AREA (SF)	4,156

TRIBUTARY	STREAMBED MATERIAL FROM CONLON CREEK (CY)	CLASS V-VIII RSP REVETMENT TRENCH (CY)
1	45	37

ROOT WAD	2 EA

EROSION CONTROL	AREA (SF)
BLANKET	100
DUFF/SLASH	5,168
FLEX HOSE	290 (LF)

DEMOLITION
REMOVE & DISPOSE 82 L.F. 36" CMP
REMOVE & DISPOSE 2 P.C.C. HEADWALLS
REMOVE & DISPOSE 337 SF FAILED TEMPORARY RIPRAP
REMOVE & REUSE 5 TREES FOR ROOT WAD IN CONLON SHOOT AREA

NPS MATERIALS STOCKPILED NEAR PROJECT SITE	
CLASS V-VIII	120 (CY)
CLASS I-II RSP	55 (CY)

LEGEND

- EXISTING GROUND CONTOUR
- FINISHED GROUND CONTOUR
- (E) OVERHEAD ELECTRICAL UTILITY
- LIMIT OF GRADING
- (E) CREEK CENTER LINE
- (E) TREE
- REMOVE (E) TREE
- (E) POWER POLE
- (E) POWER POLE GUY WIRE
- (E) SIGN
- (E) SURVEY CONTROL MONUMENT PROTECT IN PLACE

NOTES

1. NO GUARANTEE IS INTENDED THAT UNDERGROUND OBSTRUCTIONS NOT SHOWN ON THE PLANS WILL NOT BE ENCOUNTERED. LOCATION OF EXISTING UNDERGROUND UTILITIES OR OBSTRUCTIONS AS SHOWN ON THESE PLANS IS BASED UPON THE BEST INFORMATION AVAILABLE, HOWEVER, THE NPS AND THE ENGINEER ASSUME NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SHOWN OR THE INADVERTENT OMISSION OF ANY SUCH INFORMATION.
2. PROTECT ALL UTILITIES DURING EXCAVATION AND THOSE UTILITIES ADJACENT TO THE EXCAVATION UNLESS OTHERWISE SPECIFIED ON PLANS. ANY UTILITIES THAT ARE BROKEN OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
3. SITE PREPARATION INCLUDES REMOVING ALL VEGETATION AND OVER-SIZE DEBRIS FROM THE AREAS THAT WILL BE GRADED. AT LOCATIONS WHERE TREES AND STUMPS HAVE BEEN REMOVED, REMOVE ALL ROOTS LARGER THAN 2 INCHES IN DIAMETER, CHIP AND MULCH ON-SITE FOR USE AS TOP DRESSING OF DISTURBED AREAS.
4. PRIOR TO PLACING ANY FILLS, THE SUBGRADE SURFACE SHOULD BE SCARIFIED TO A DEPTH OF 8-INCHES; MOISTURE CONDITIONED TO ABOVE THE OPTIMUM MOISTURE CONTENT AND COMPACTED TO A MINIMUM OF 90 PERCENT RELATIVE COMPACTION (ASTM D-1557). WHERE MATERIALS CANNOT BE TESTED PER ASHTO D-1557, COMPACT TO PROVIDE FIRM, UNYIELDING SURFACE.
5. FOR CUT AND FILL EARTH SLOPE CONSTRUCTION, THE MAXIMUM INCLINATION OF SLOPES SHOULD BE 2:1 (HORIZONTAL TO VERTICAL). THE MAXIMUM INCLINATION OF ROCK SLOPES SHALL BE 1:1.
6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EXCAVATION AND EARTHWORK RELATED ACTIVITIES ASSOCIATED WITH THIS PROJECT. ALL EXCAVATION WORK MUST CONFORM TO THE EXCAVATION SAFETY REQUIREMENTS SET FORTH BY OSHA 1926 SUBPART P.
7. PROTECT THE PUBLIC FROM OPEN EXCAVATIONS AND TRENCHES. AT NO TIME SHALL AN EXCAVATION OR TRENCH BE UNATTENDED WITHOUT PROPER PLATING OR SAFETY FENCING BARRICADES IN PLACE. AT THE END OF THE WORK DAY, INSPECT ALL EXCAVATION AND TRENCH PLATING AND SAFETY FENCING / BARRICADES TO ENSURE THEY ARE PROPERLY FUNCTIONING.
8. EXCAVATED MATERIALS SHALL BE GRADED, HAULED, STOCK-PILED AND PROTECTED IF CONTRACTING OFFICER'S REPRESENTATIVE DEEMS SUITABLE FOR BACKFILLING, OR OTHER PURPOSES. MATERIAL DEEMED UNSUITABLE SHALL BE DISPOSED OF BY THE CONTRACTOR.
9. CONTRACTOR MAY TEMPORARILY STOCK-PILE SOIL ON SITE THAT IS UNSUITABLE FOR BACKFILL MATERIAL FOR FUTURE DISPOSAL AT AN APPROVED OFF SITE LOCATION PRIOR TO THE END OF THE PROJECT. STORAGE OF SOIL ON SITE SHALL BE DONE IN A NEAT AND ORDERLY MANNER WITH ALL NECESSARY EROSION CONTROL MEASURES IN PLACE.
10. GRADING SHALL BE REVIEWED IN FIELD AND APPROVED BY CONTRACTING OFFICER'S REPRESENTATIVE.
11. FOR THE CONLON ROAD SITE, ALL EQUIPMENT AND PERSONNEL SHALL ACCESS THE SITE VIA THE ENTRANCE AT MUIR WOODS ROAD.
12. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL TRAFFIC AND ENCROACHMENT PERMITS RELATED TO THE DELIVERY AND HAULING OF CONSTRUCTION EQUIPMENT AND MATERIALS, AND TRAFFIC CONTROL MEASURES AND DEVICES. THE CONTRACTOR MUST FOLLOW ALL PERTINENT STATE AND LOCAL REQUIREMENTS OF TRANSPORTING LARGE VEHICLES AND EQUIPMENT TO THE PROJECT SITE.
13. THE CONTRACTOR IS RESPONSIBLE FOR PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY TRAFFIC CONTROL DEVICES AND SIGNS. IF SIGNS ARE PLACED IN THE COUNTY OR NPS RIGHT-OF-WAY (ROW), THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR AND SECURING THE NECESSARY ENCROACHMENT PERMIT(S). IF SIGNS ARE TO BE PLACED ON PRIVATE PROPERTY, THE CONTRACTOR SHALL RECEIVE PERMISSION FROM THE CONTRACTING OFFICER'S REPRESENTATIVE AND PROPERTY OWNER PRIOR TO PLACEMENT.
14. THE CONTRACTOR SHALL INFORM THE CONTRACTING OFFICER'S REPRESENTATIVE A MINIMUM OF 72-HOURS IN ADVANCE OF THE ANTICIPATED DATE AND 4-HOUR WINDOW OF LARGE / OVERSIZED TRUCK-TRAILER CONSTRUCTION TRAFFIC ON MUIR WOODS ROAD.
15. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR OF ANY DAMAGE TO MUIR WOODS ROAD, RESULTING FROM THE CONSTRUCTION INGRESS / EGRESS ACTIVITIES. THE POST-PROJECT CONDITION OF MUIR WOODS ROAD SHALL MEET OR EXCEED PRE-PROJECT CONDITIONS AND, IF NECESSARY, BE REPAIRED TO THE SATISFACTION OF THE CONTRACTING OFFICER'S REPRESENTATIVE AT CONTRACTOR'S EXPENSE.
16. ALL OFF SITE HAULING SHALL BE IN ACCORDANCE WITH APPLICABLE PERMITS; FEDERAL, STATE, AND LOCAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY HAULING PERMITS, TRAFFIC PLANS AND PAYMENT OF ALL APPLICABLE FEES.
17. ALL HAULING AND ACCESS TO THE SITE SHALL CEASE IN THE EVENT OF RAIN. HAULING MAY RESUME ONCE RAIN STOPS AND UPON AUTHORIZATION FROM THE CONTRACTING OFFICER'S REPRESENTATIVE.
18. CONTRACTOR, SUBCONTRACTORS, AND TRUCKERS TO YIELD TO ALL TRAFFIC ON MUIR WOODS ROAD.
19. CONTRACTOR TO PROVIDE WATER TRUCK FOR DUST CONTROL AND SITE BACKFILLING ACTIVITIES.
20. CONTRACTOR TO FLAG AND PROTECT EXISTING UTILITY POLES IN WORK ZONE. CONTRACTOR TO INSTALL EXCLUSION ZONE AROUND POLES ADJACENT TO CONSTRUCTION ZONE USING CONSTRUCTION FENCING.
21. IT IS ANTICIPATED THAT THE CHANNEL WILL BE DRY DURING CONSTRUCTION. IF DEWATERING IS REQUIRED, CONTRACTOR SHALL PREPARE AND SUBMIT A DEWATERING PLAN TO CONTRACTING OFFICER'S REPRESENTATIVE FOR APPROVAL PRIOR TO COMMENCING ANY EARTHWORK ACTIVITIES.

DETAIL
SCALE: NTS

SECTION
SCALE: NTS

1 / C3 — DETAIL REFERENCE NUMBER; DRAWING ON WHICH DETAIL IS SHOWN

1 / C1 — DETAIL REFERENCE NUMBER; DRAWING FROM WHICH DETAIL WAS TAKEN

B / C1.3 — SECTION REFERENCE LETTER; DRAWING ON WHICH SECTION IS SHOWN

A / C2 — SECTION REFERENCE LETTER; DRAWING FROM WHICH SECTION WAS TAKEN

"-" INDICATES THAT THE DETAIL/SECTION IS SHOWN ON THE SAME SHEET

NOTE AND DETAIL/SECTION REFERENCING

REGISTERED PROFESSIONAL ENGINEER ROBERT O. ANDERSON C041711 Exp. 3/31/26 CIVIL STATE OF CALIFORNIA
1/24/2025

DESIGNED: ROA	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. GOGA 641 182805
CADD JT	G0.2	LEGEND AND NOTES CONSTRUCTION DRAWINGS	PMIS/PKG NO. 253456
TECH. REVIEW: ROA		CONLON CREEK STREAM STABILIZATION MUIR WOODS NATIONAL MONUMENT	SHEET 2 OF 10
DATE: 01.24.2025			

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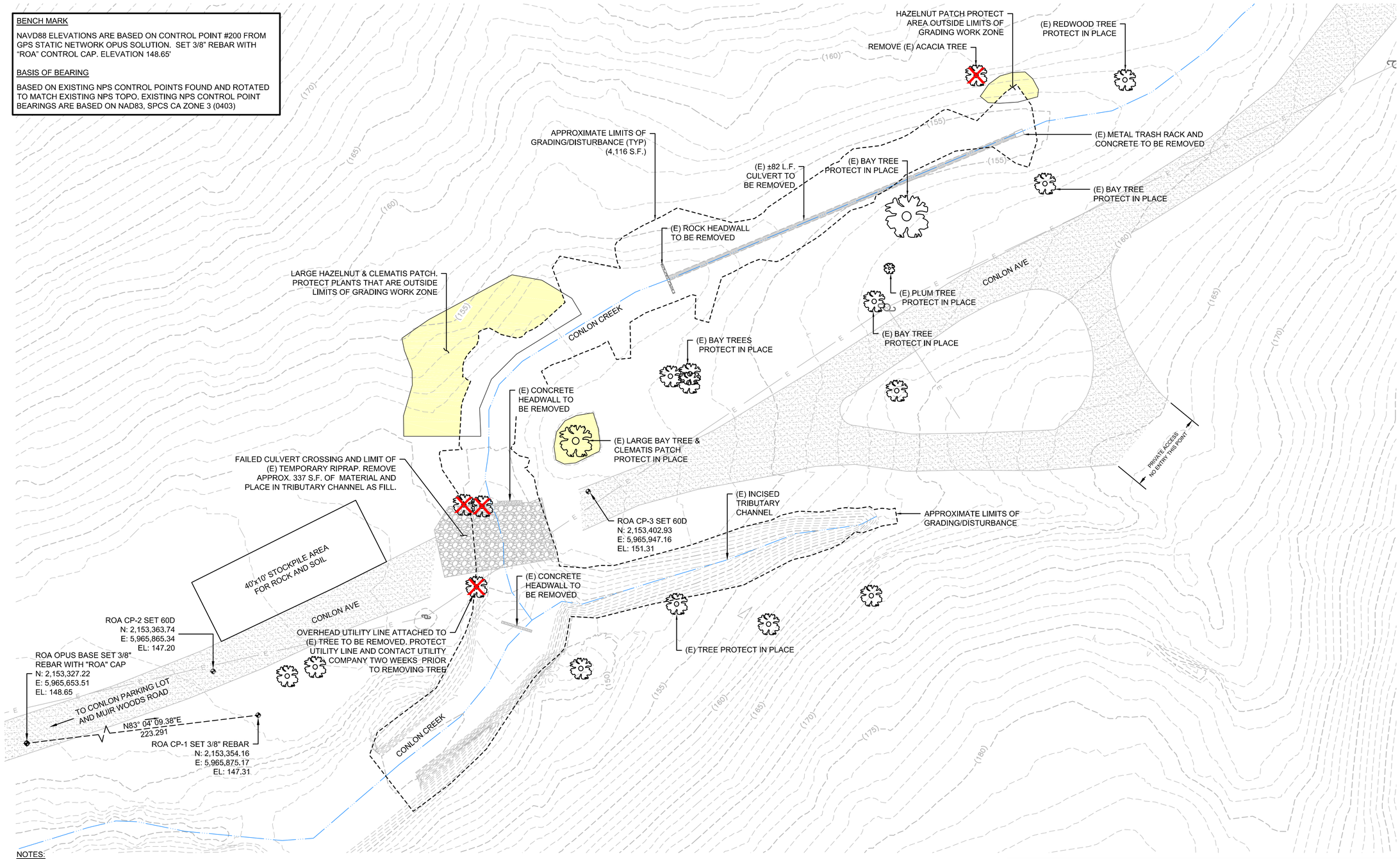
BENCH MARK

NAVD88 ELEVATIONS ARE BASED ON CONTROL POINT #200 FROM GPS STATIC NETWORK OPUS SOLUTION. SET 3/8" REBAR WITH "ROA" CONTROL CAP. ELEVATION 148.65'

BASIS OF BEARING

BASED ON EXISTING NPS CONTROL POINTS FOUND AND ROTATED TO MATCH EXISTING NPS TOPO. EXISTING NPS CONTROL POINT BEARINGS ARE BASED ON NAD83, SPCS CA ZONE 3 (0403)



PLAN VIEW

NOTES:

1. CONTOUR INTERVAL = 1 FOOT.
2. REMOVE (E) RIPRAP FROM CHANNEL WITHIN LIMITS OF GRADING AND PLACE IN BASE OF ERODING TRIBUTARY CHANNEL AS DIRECTED BY COR AND PER SPECIFICATIONS. SEE SHEET C1.4.
3. REMOVE NATIVE STREAMBED AND BAR MATERIALS TO THE LIMITS OF EXCAVATION SHOWN AND STOCKPILE FOR LATER USE AS DIRECTED BY CONTRACTING OFFICER'S REPRESENTATIVE.
4. REMOVE AND DISPOSE OF CONCRETE HEADWALLS OF OFF-SITE. (2 EACH)
5. CONTRACTOR TO REMOVE EXISTING CULVERTS AND DISPOSE OF THEM OFFSITE.

REGISTERED PROFESSIONAL ENGINEER ROBERT O. ANDERSON C041711 Exp. 3/31/26 CIVIL STATE OF CALIFORNIA
1/24/2025

DESIGNED: ROA	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. GOGA 641 182805
CADD: JT	G0.3	DEMOLITION AND PROTECTION PLAN CONSTRUCTION DRAWINGS	PMIS/PKG NO. 253456
TECH. REVIEW: ROA		CONLON CREEK STREAM STABILIZATION MUIR WOODS NATIONAL MONUMENT	SHEET 3 OF 10
DATE: 01.24.2025			

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PLAN VIEW

60' 0 60' 120'
SCALE OF FEET

REGISTERED PROFESSIONAL ENGINEER
ROBERT O. ANDERSON
C041711
Exp. 3/31/26
CIVIL
STATE OF CALIFORNIA
1/24/2025

DESIGNED: ROA	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. GOGA 641 182805
CADD JT	G0.4	SITE ACCESS & STAGING CONSTRUCTION DRAWINGS	PMIS/PKG NO. 253456
TECH. REVIEW: ROA		CONLON CREEK STREAM STABILIZATION MUIR WOODS NATIONAL MONUMENT	SHEET 4 OF 10
DATE: 01.24.2025			

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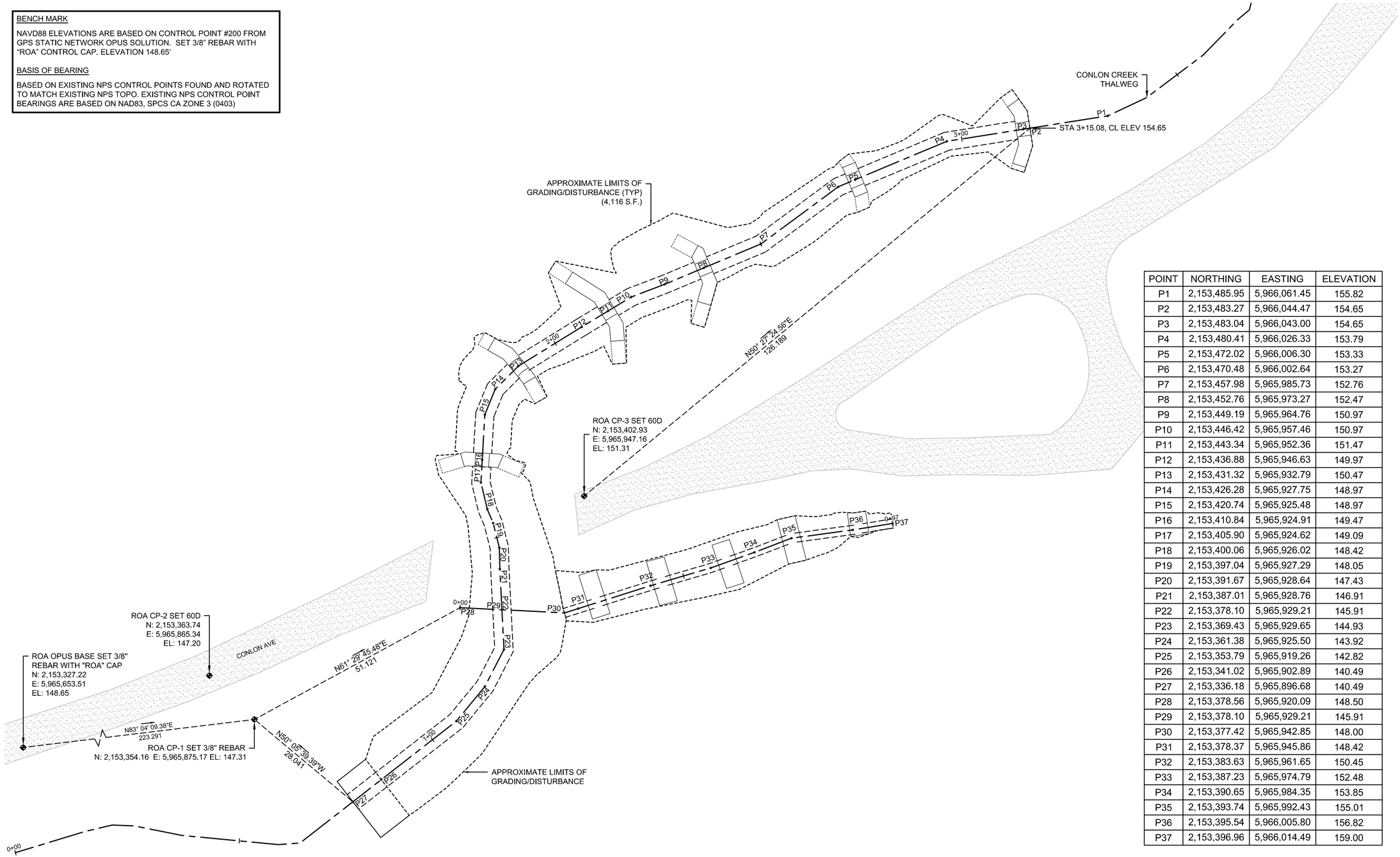
BENCH MARK

NAVD88 ELEVATIONS ARE BASED ON CONTROL POINT #200 FROM GPS STATIC NETWORK OPUS SOLUTION. SET 3/8" REBAR WITH "ROA" CONTROL CAP. ELEVATION 148.65'

BASIS OF BEARING

BASED ON EXISTING NPS CONTROL POINTS FOUND AND ROTATED TO MATCH EXISTING NPS TOPO. EXISTING NPS CONTROL POINT BEARINGS ARE BASED ON NAD83, SPCS CA ZONE 3 (0403)



POINT	NORTHING	EASTING	ELEVATION
P1	2,153,485.95	5,966,061.45	155.82
P2	2,153,483.27	5,966,044.47	154.65
P3	2,153,483.04	5,966,043.00	154.65
P4	2,153,480.41	5,966,026.33	153.79
P5	2,153,472.02	5,966,006.30	153.33
P6	2,153,470.48	5,966,002.64	153.27
P7	2,153,457.98	5,965,985.73	152.76
P8	2,153,452.76	5,965,973.27	152.47
P9	2,153,449.19	5,965,964.76	150.97
P10	2,153,446.42	5,965,957.46	150.97
P11	2,153,443.34	5,965,952.36	151.47
P12	2,153,436.88	5,965,946.63	149.97
P13	2,153,431.32	5,965,932.79	150.47
P14	2,153,426.28	5,965,927.75	148.97
P15	2,153,420.74	5,965,925.48	148.97
P16	2,153,410.84	5,965,924.91	149.47
P17	2,153,405.90	5,965,924.62	149.09
P18	2,153,400.06	5,965,926.02	148.42
P19	2,153,397.04	5,965,927.29	148.05
P20	2,153,391.67	5,965,928.64	147.43
P21	2,153,387.01	5,965,928.76	146.91
P22	2,153,378.10	5,965,929.21	145.91
P23	2,153,369.43	5,965,929.65	144.93
P24	2,153,361.38	5,965,925.50	143.92
P25	2,153,353.79	5,965,919.26	142.82
P26	2,153,341.02	5,965,902.89	140.49
P27	2,153,336.18	5,965,896.68	140.49
P28	2,153,378.56	5,965,920.09	148.50
P29	2,153,378.10	5,965,929.21	145.91
P30	2,153,377.42	5,965,942.85	148.00
P31	2,153,378.37	5,965,945.86	148.42
P32	2,153,383.63	5,965,961.65	150.45
P33	2,153,387.23	5,965,974.79	152.48
P34	2,153,390.65	5,965,984.35	153.85
P35	2,153,393.74	5,965,992.43	155.01
P36	2,153,395.54	5,966,005.80	156.82
P37	2,153,396.96	5,966,014.49	159.00

NOTES:

1. CONTOUR INTERVAL = 1 FOOT

SITE PLAN

10' 0 10' 20'

SCALE OF FEET

REGISTERED PROFESSIONAL ENGINEER ROBERT D. ANDERSON C041711 Exp. 3/31/26 CIVIL STATE OF CALIFORNIA

1/24/2025

DESIGNED:	ROA
CADD	JT
TECH. REVIEW:	ROA
DATE:	01.24.2025

SUB SHEET NO. C1.0

TITLE OF SHEET

PROPOSED CENTERLINE COORDINATES CONSTRUCTION DRAWINGS

CONLON CREEK STREAM STABILIZATION
MUIR WOODS NATIONAL MONUMENT

DRAWING NO. GOGA 641 182805

PMIS/PKG NO. 253456

SHEET 5 OF 10

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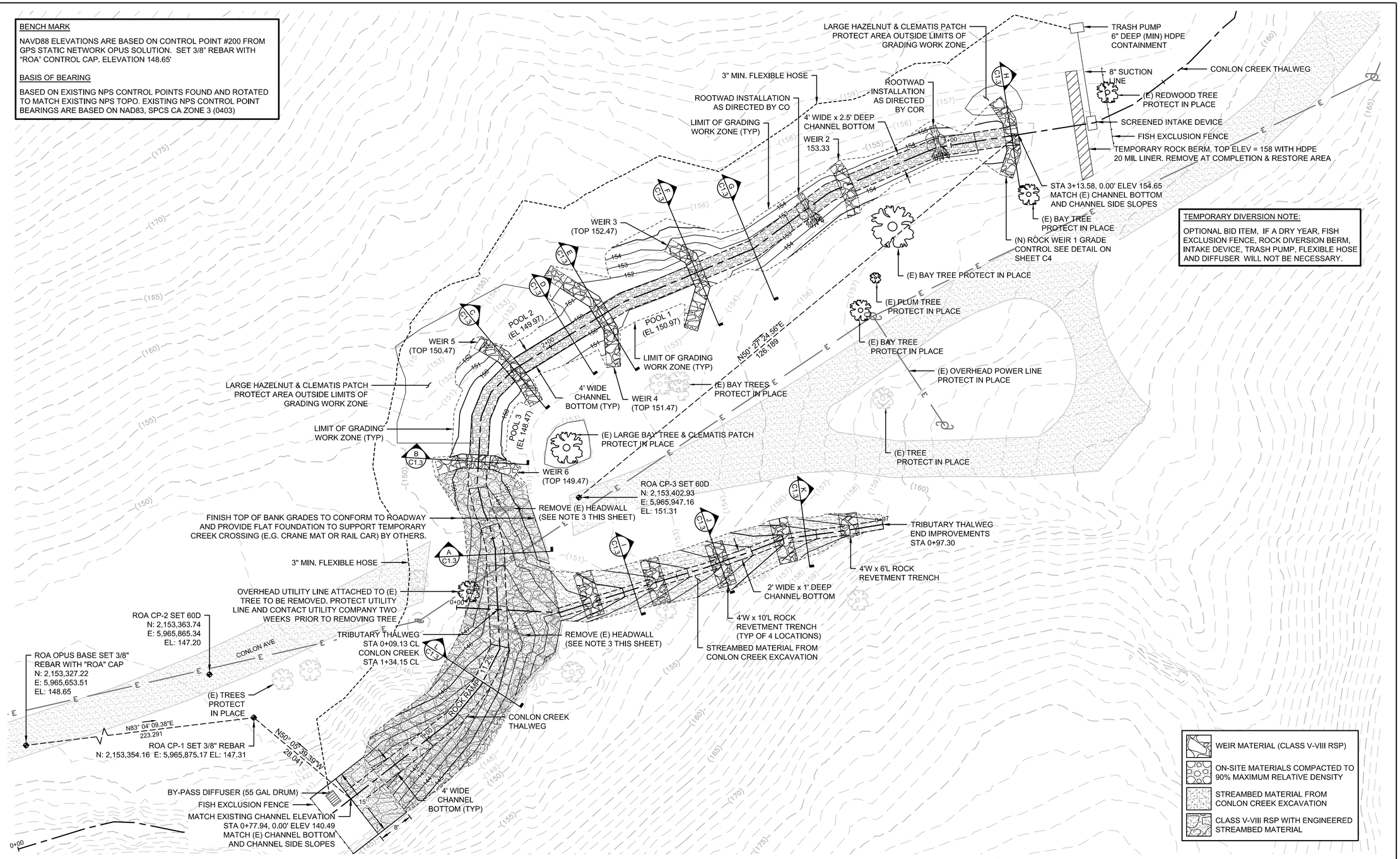
BENCH MARK

NAVD88 ELEVATIONS ARE BASED ON CONTROL POINT #200 FROM GPS STATIC NETWORK OPUS SOLUTION. SET 3/8" REBAR WITH "ROA" CONTROL CAP. ELEVATION 148.65'

BASIS OF BEARING

BASED ON EXISTING NPS CONTROL POINTS FOUND AND ROTATED TO MATCH EXISTING NPS TOPO. EXISTING NPS CONTROL POINT BEARINGS ARE BASED ON NAD83, SPCS CA ZONE 3 (0403)



TEMPORARY DIVERSION NOTE:

OPTIONAL BID ITEM, IF A DRY YEAR, FISH EXCLUSION FENCE, ROCK DIVERSION BERM, INTAKE DEVICE, TRASH PUMP, FLEXIBLE HOSE AND DIFFUSER WILL NOT BE NECESSARY.

NOTES:

1. CONTOUR INTERVAL = 1 FOOT

10' 0 10' 20'
SCALE OF FEET

SITE PLAN

REGISTERED PROFESSIONAL ENGINEER ROBERT A. ANDERSON C041711 Exp. 3/31/26 CIVIL STATE OF CALIFORNIA 1/24/2025

DESIGNED: ROA	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. GOGA 641 182805
CADD JT	C1.1	PROPOSED CONDITIONS CONSTRUCTION DRAWINGS	PMIS/PKG NO. 253456
TECH. REVIEW: ROA		CONLON CREEK STREAM STABILIZATION MUIR WOODS NATIONAL MONUMENT	SHEET 6 OF 10
DATE: 01.24.2025			

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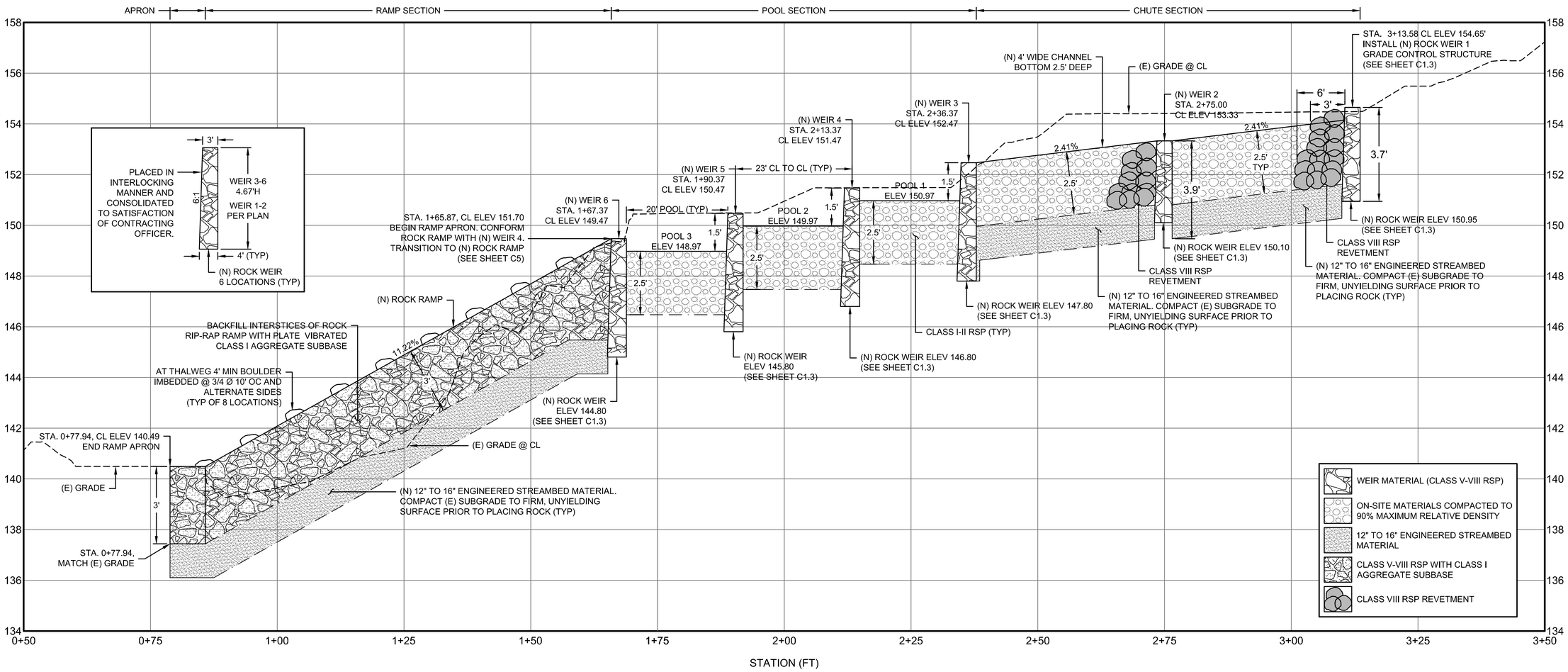

CONLON CREEK PROFILE

BENCH MARK

NAVD88 ELEVATIONS ARE BASED ON CONTROL POINT #200 FROM GPS STATIC NETWORK OPUS SOLUTION. SET 3/8" REBAR WITH "ROA" CONTROL CAP. ELEVATION 148.65'

BASIS OF BEARING

BASED ON EXISTING NPS CONTROL POINTS FOUND AND ROTATED TO MATCH EXISTING NPS TOPO. EXISTING NPS CONTROL POINT BEARINGS ARE BASED ON NAD83, SPCS CA ZONE 3 (0403)

NOTES:

1. ROCK WEIR POOL STRUCTURE CONSTRUCTED TO CREATE POOLS MAX. 1.5' DEEP AND 20' LONG. INTERVENING ROCK WEIRS TO BE CONSTRUCTED 3'-4' WIDE. DISTANCE BETWEEN DOWNSTREAM FACES OF WEIRS TO BE 20'. ENGINEERED STREAMBED THICKNESS VARIES 12" TO 16".

REGISTERED PROFESSIONAL ENGINEER ROBERT O. ANDERSON C041711 Exp. 3/31/26 CIVIL STATE OF CALIFORNIA

1/24/2025

DESIGNED: ROA	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD JT	C1.2	CONLON CREEK PROFILE CONSTRUCTION DRAWINGS	GOGA 641 182805
TECH. REVIEW: ROA			PMIS/PKG NO. 253456
DATE: 01.24.2025		CONLON CREEK STREAM STABILIZATION MUIR WOODS NATIONAL MONUMENT	SHEET 7 OF 10

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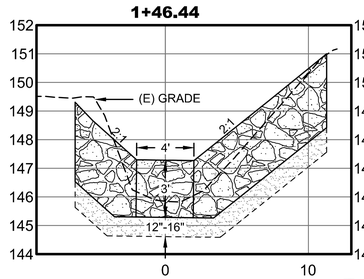
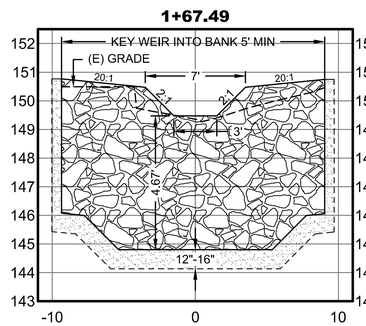
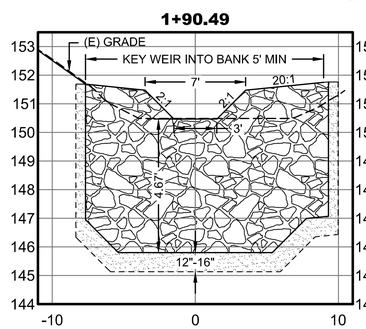


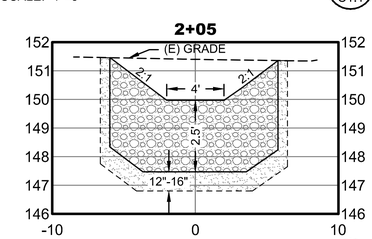
SECTION A C1.1
SCALE: 1"=5'



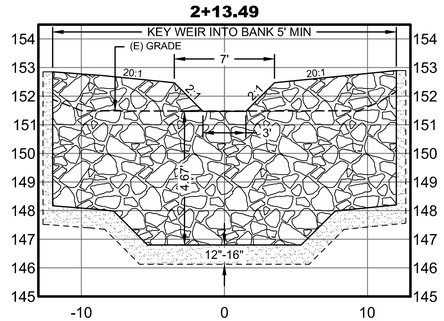
SECTION B C1.1
SCALE: 1"=5'



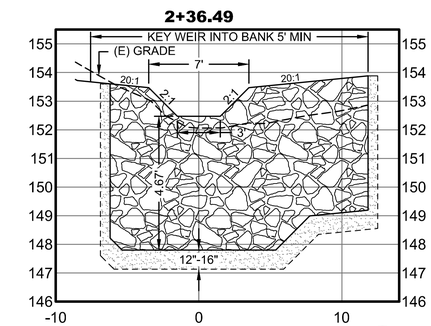
SECTION C C1.1
SCALE: 1"=5'



SECTION D C1.1
SCALE: 1"=5'



SECTION E C1.1
SCALE: 1"=5'



SECTION F C1.1
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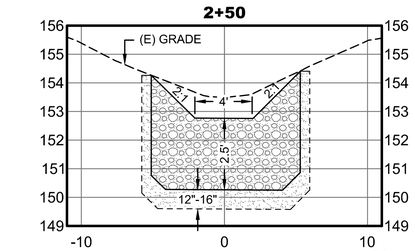

SECTION G C1.1
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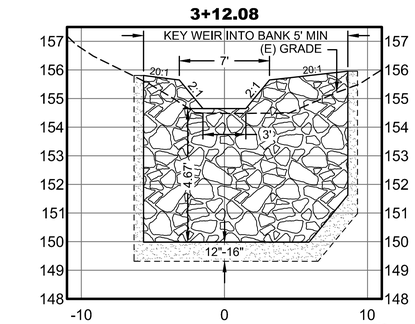
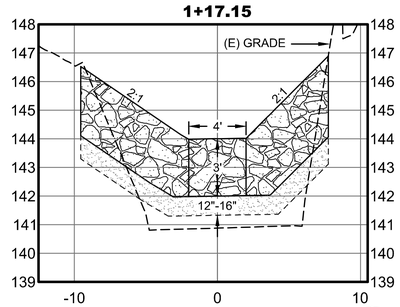


SECTION H C1.1
SCALE: 1"=5'



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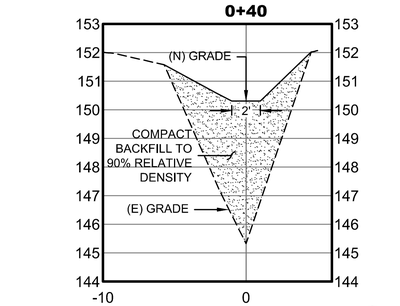

SECTION I C1.1
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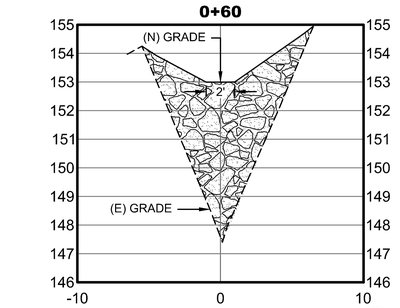
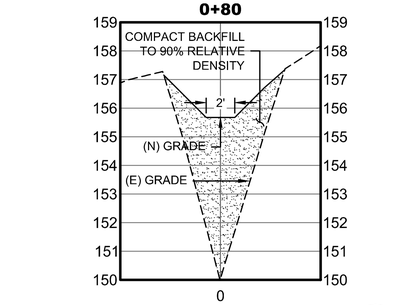
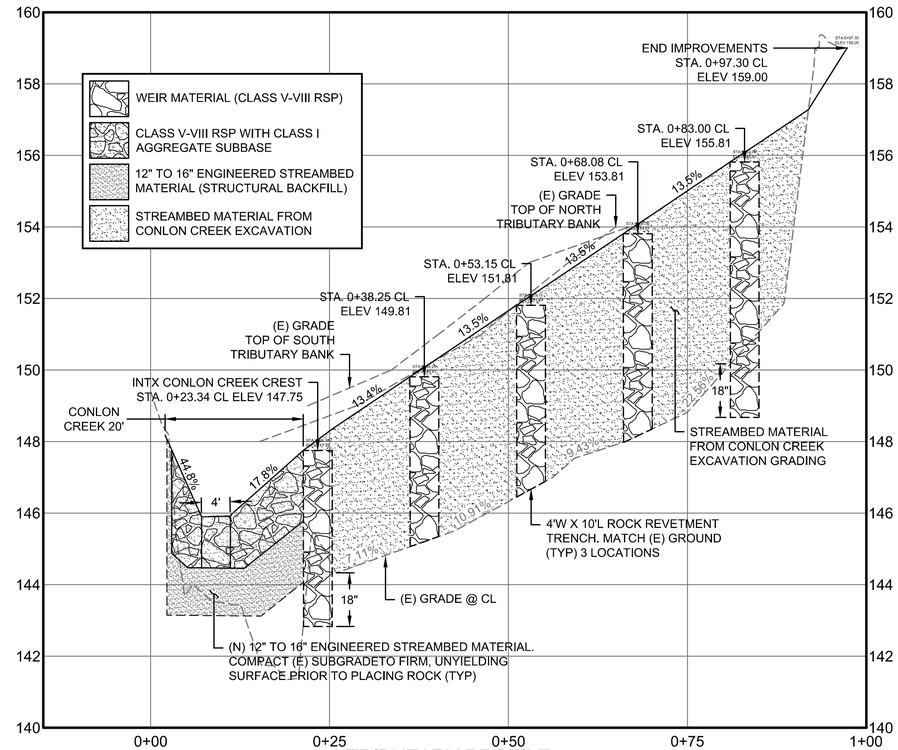


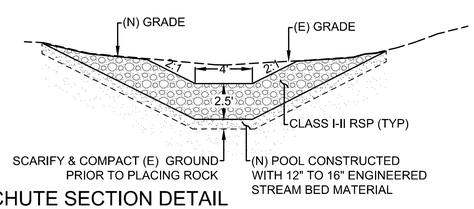
SECTION J C1.1
SCALE: 1"=5'



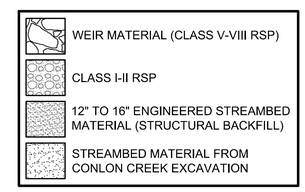
SECTION K C1.1
SCALE: 1"=5'

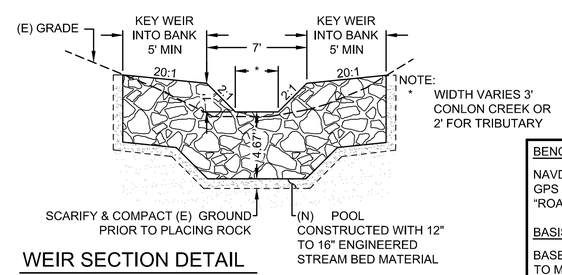


TRIBUTARY PROFILE



CHUTE SECTION DETAIL
SCALE: NTS





NOTE:
* WIDTH VARIES 3' CONLON CREEK OR 2' FOR TRIBUTARY

WEIR SECTION DETAIL
SCALE: NTS

BENCH MARK

NAVD88 ELEVATIONS ARE BASED ON CONTROL POINT #200 FROM GPS STATIC NETWORK OPUS SOLUTION. SET 3/8" REBAR WITH "ROA" CONTROL CAP. ELEVATION 148.65'

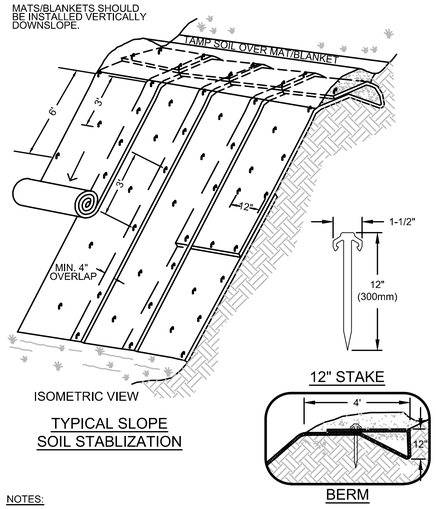
BASIS OF BEARING

BASED ON EXISTING NPS CONTROL POINTS FOUND AND ROTATED TO MATCH EXISTING NPS TOPO. EXISTING NPS CONTROL POINT BEARINGS ARE BASED ON NAD83, SPCS CA ZONE 3 (0403)

REGISTERED PROFESSIONAL ENGINEER ROBERT O. ANDERSON C041711 Exp. 3/31/26 CIVIL STATE OF CALIFORNIA
1/24/2025

DESIGNED: ROA	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. GOGA 641 182805
CADD JT	C1.3	TRIBUTARY PROFILE AND CROSS SECTIONS CONSTRUCTION DRAWINGS	PMIS/PKG NO. 253456
TECH. REVIEW: ROA		CONLON CREEKSTREAM STABILIZATION MUIR WOODS NATIONAL MONUMENT	SHEET 8 OF 10
DATE: 01.24.2025			

1/24/2025 4:10:45 PM 1/24/2025 4:10 PM JAMES TURNER Y:\Client Files\2862\2862-014\CAD\Engineering\Improvement Plans\C3.dwg



ISOMETRIC VIEW

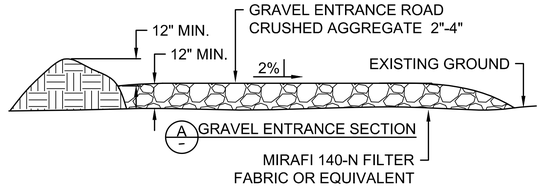
TYPICAL SLOPE SOIL STABLIZATION

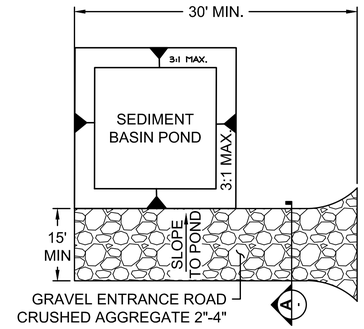
NOTES:

1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/ BLANKETS SHALL HAVE GOOD SOIL CONTACT.
2. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
3. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

EROSION CONTROL BLANKET

SCALE: NTS





NOTES:

1. ALL EMPLOYEES, SUBCONTRACTORS, AND OTHERS THAT LEAVE THE SITE WITH MUD CAKED TIRES AND UNDERCARRIAGES SHALL USE THE WASH FACILITY.
2. REMOVE ACCUMULATED SEDIMENT IN WASH RACK AND OR SEDIMENT TRAP TO MAINTAIN SYSTEM PERFORMANCE.
3. OTHER DIRT REMOVAL SYSTEM MAY BE SUBSTITUDED WITH PRIOR APPROVAL OF COR.

CONSTRUCTION ENTRANCE & TIRE WASH

NO SCALE

REGISTERED PROFESSIONAL ENGINEER ROBERT O. ANDERSON C041711 Exp. 3/31/26 CIVIL STATE OF CALIFORNIA 1/24/2025

DESIGNED: ROA	SUB SHEET NO.	TITLE OF SHEET DETAILS CONSTRUCTION DRAWINGS	DRAWING NO. GOGA 641 182805
CADD JT	C1.4		PMIS/PKG NO. 253456
TECH. REVIEW: ROA		CONLON CREEK STREAM STABILIZATION MUIR WOODS NATIONAL MONUMENT	SHEET 9 OF 10
DATE: 01.24.2025			

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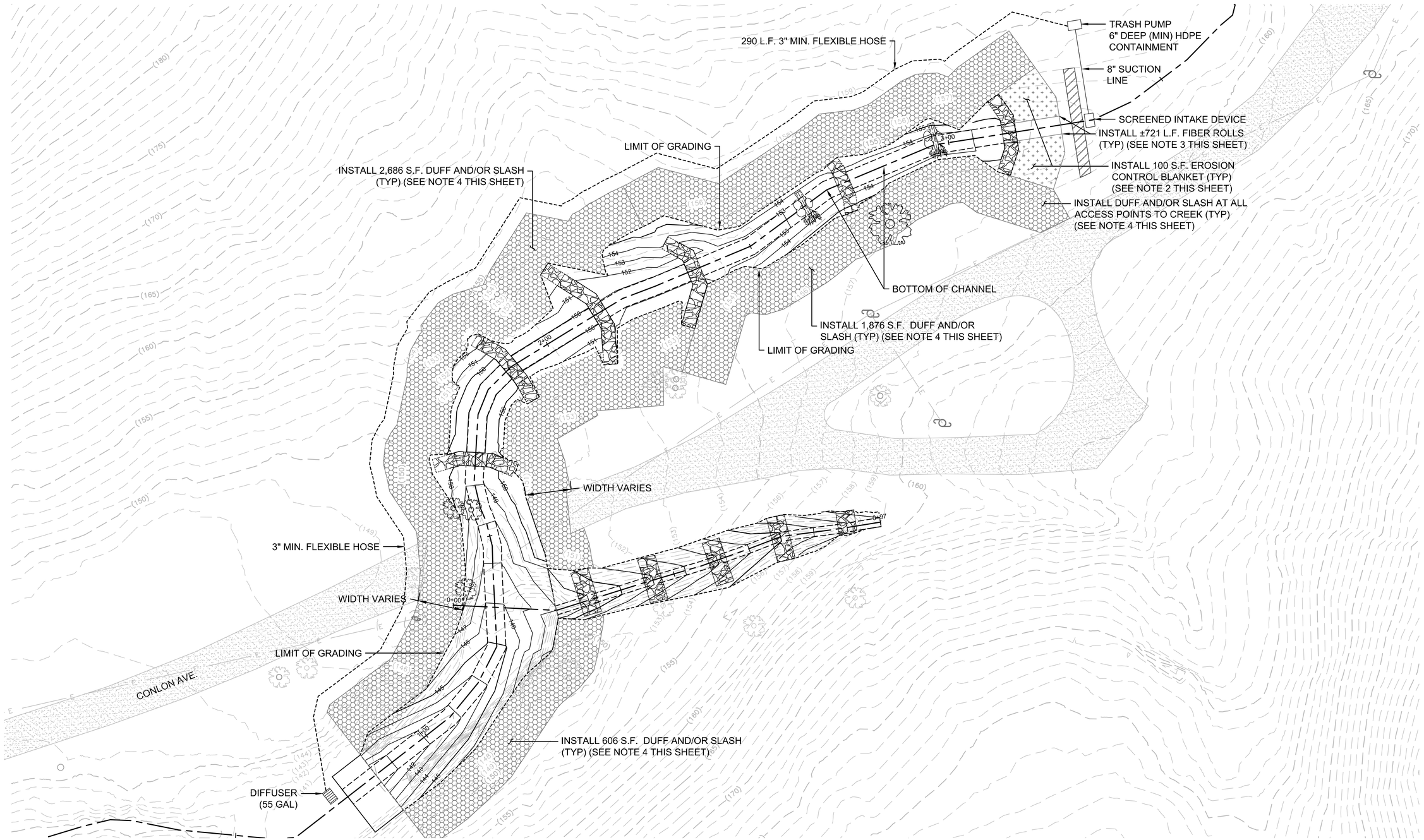

NOTES:

1. CONTOUR INTERVAL OF 1-FT.
2. INSTALL 13' WIDE BIO-D MAT OR EQUIVALENT ON TOP OF CHANNEL BANKS AS SHOWN. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
3. INSTALL AND STAKE FIBER ROLL PER DETAIL ON SHEET C1.4.
4. SPREAD DUFF AND SLASH OVER DISTURBED AREAS ADJACENT TO EARTHEN CHANNEL AND OVER ACCESS ROADS TO CREEK AND OTHER WORK AREAS OFF OF MAIN ROADWAY.

PLAN VIEW

10' 0 10'
SCALE OF FEET

REGISTERED PROFESSIONAL ENGINEER
ROBERT O. ANDERSON
C041711
Exp. 3/31/26
CIVIL
STATE OF CALIFORNIA
1/24/2025

DESIGNED: ROA	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. GOGA 641 182805
CADD: JT	E1.1	EROSION CONTROL PLAN CONSTRUCTION DRAWINGS	PMIS/PKG NO. 253456
TECH. REVIEW: ROA		CONLON CREEK STREAM STABILIZATION MUIR WOODS NATIONAL MONUMENT	SHEET 10 OF 10
DATE: 01.24.2025			

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