

CALIFORNIA COASTAL COMMISSION

SOUTH CENTRAL COAST AREA
89 SOUTH CALIFORNIA ST., SUITE 200
VENTURA, CA 93001
(805) 585-1800



Th14a

CIH-NOID-0001-19

(VENTURA COUNTY CHANNEL ISLANDS HARBOR)

MARCH 7, 2019

EXHIBITS

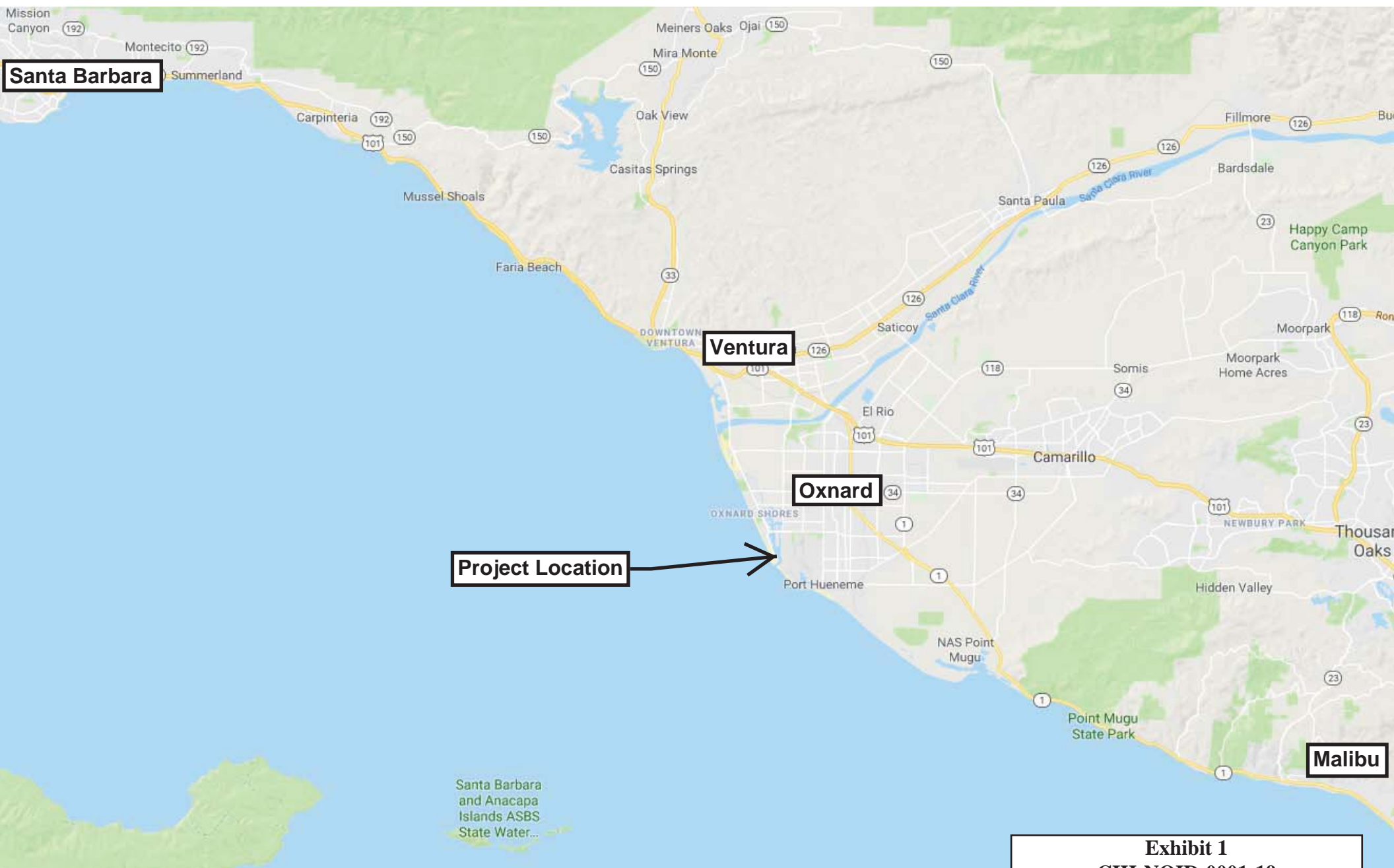
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Project Location

Ventura

Oxnard

Malibu

Exhibit 1
CIH-NOID-0001-19
Channel Islands Harbor Department
Vicinity Map

Channel Islands Boulevard

Victoria Avenue

Peninsula Road

Area of Revetment to be Repaired

Exhibit 2
CIH-NOID-0001-19
Channel Islands Harbor Department
Aerial Overview

1000 ft

Google earth

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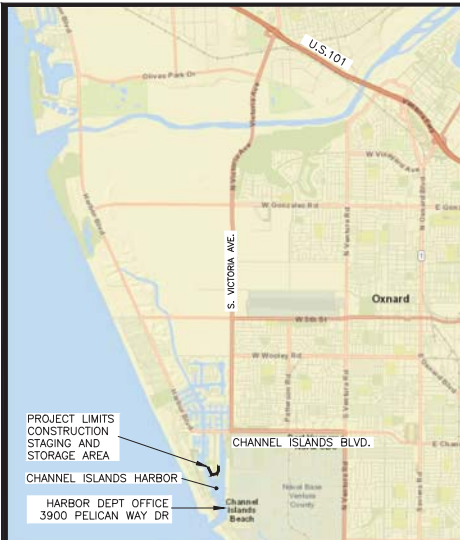
PROJECT DRAWINGS

FOR

CHANNEL ISLANDS HARBOR

PENINSULA REVETMENT REPAIR

OXNARD, CA 93035



1 SITE LOCATION
SCALE: 1" = 5,000'



NOTE:
APPROXIMATE LIMITS OF PROJECT SHOWN WITH
GEOGRAPHIC LATITUDE AND LONGITUDE COORDINATES
FOR REGULATORY PERMIT PURPOSES ONLY.

2 VICINITY MAP
SCALE: 1" = 400'

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SYMBOLS	
@	AT
°	DEGREES
φ	DIAMETER
(E)	EXISTING
(H)	HORIZONTAL
#	NUMBER
(N)	NEW
±	PLUS OR MINUS/APPROXIMATELY
(V)	VERTICAL
ABBREVIATIONS	
AC	ASBESTOS-CEMENT
ACI	AMERICAN CONCRETE INSTITUTE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
CBC	CALIFORNIA BUILDING CODE
CLR	CLEAR
CONC	CONCRETE
CONT	CONTINUOUS
CSK	COUNTERSINK
DF	DOUGLAS FIR
DI	DUCTILE IRON
DIAG	DIAGONAL
DIAM	DIAMETER
DR	PIPE DIMENSION RATIO (DIAMETER/WALL THICKNESS)
EA	EACH
EF	EACH FACE
EL/ELEV	ELEVATION
EQ SP	EQUALLY SPACED
EW	EACH WAY
FE	FLANGE END
FG	FINISHED GRADE
FH	FLAT HEAD
FL	FLOW LINE
FT	FEET
FT-LBS	FOOT-POUNDS
GLUAM	GLUED LAMINATED TIMBER
HOG	HOT DIPPED GALVANIZED
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT MIX ASPHALT
HSS	HOLLOW STRUCTURAL SECTION
HW	HIGH WATER
IN	INCHES
IT	JOINT
L	ANGLE, LEFT; LENGTH
LW	LOW WATER
MATL	MATERIAL
MAX	MAXIMUM
MHHW	MEAN HIGHER HIGH WATER
MHW	MEAN HIGH WATER
MIN	MINIMUM
MJ	MECHANICAL JOINT
MLW	MEAN LOWER LOW WATER
MLW	MEAN LOW WATER
MTL	MEAN TIDE LEVEL
NAVD83	NORTH AMERICAN VERTICAL DATUM OF 1983
NGVD83	NATIONAL GEODETIC VERTICAL DATUM OF 1929
NO	NUMBER
OC	ON CENTER
PCC	PORTLAND CEMENT CONCRETE
PL	PLAIN END
PL	PLATE
PO	PUSH ON
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
R	RADIUS, RIGHT
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
SCH	SCHEDULE
SS	STAINLESS STEEL
STA	STATION
TCC	TOP OF CURB
TGG	TOP OF GUTTER
TOP	TOP OF PAVEMENT
TYP	TYPICAL
UHMW	ULTRA HIGH MOLECULAR WEIGHT PLASTIC
UNO	UNLESS NOTED OTHERWISE
W/	WITH
WWM	WELDED WIRE MESH



FOR PLAN CHECK



NOBLE CONSULTANTS
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NO.	DATE	REVISION

DESIGNED BY JTM
DRAWN BY JM
CHECKED BY

COUNTY OF VENTURA
TITLE SHEET

SHEET 1 OF 16
JOB NO. 769-18
SCALE AS SHOWN

Exhibit 3
CIH-NOID-0001-19
Channel Islands Harbor Department
Project Plans

1/25/2019

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF THE MOST CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE JOB SITE CONDITIONS OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS RESPONSIBILITY SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. (TWENTY-FOUR HOURS, 7 DAYS A WEEK, HOLIDAYS INCLUDED)
3. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES FOUND.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS PRIOR TO STARTING WORK SO THAT INSPECTION CAN BE PROVIDED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF ANY IMPROVEMENTS THAT ARE DISTURBED OR DAMAGED DURING THE CONSTRUCTION.
6. SITE ACCESS IS LIMITED. THE CONTRACTOR SHALL VERIFY ACCESSIBILITY AND MAKE ALLOWANCES IN HIS BID FOR REQUIRED CONSTRUCTION EQUIPMENT AND MATERIALS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENFORCEMENT OF SAFETY MEASURES AND REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES INCLUDING SHORING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS AND REGULATIONS.
8. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. LOCATION OF ALL EXISTING UTILITIES SHOWN ARE PER AVAILABLE RECORD DRAWINGS OBTAINED DURING DESIGN. THE CONTRACTOR SHALL CONTACT APPROPRIATE AGENCIES TO OBTAIN REVISED, UPDATED, OR AS-BUILT INFORMATION AVAILABLE JUST PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT AND MAINTAIN THE UTILITY LINES SHOWN AND ANY OTHERS NOT OF RECORD OR SHOWN ON THESE DRAWINGS. NOTICE OF PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES: "DIG ALERT", AND SOUTHERN CALIFORNIA Edison.
9. UPON COMPLETION OF EACH DAY'S WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING THE WORK AREA FREE OF HAZARDS AND SHALL PROVIDE ALL NECESSARY TEMPORARY SIGNS, WARNING DEVICES, AND BARRICADES.
10. THE CONTRACTOR SHALL KEEP ACCURATE AND LEGIBLE RECORDS ON A SET OF PROJECT SHEETS, PRINTED IN RED, OF ALL CHANGES IN WORK WHICH OCCUR DURING CONSTRUCTION. PRIOR TO FIELD ACCEPTANCE, THE CONTRACTOR SHALL DELIVER THIS "AS-BUILT" INFORMATION TO THE ENGINEER.
11. SURVEY MONUMENTS SHALL BE PRESERVED AND REFERENCED BEFORE AND REPLACED AFTER CONSTRUCTION PURSUANT TO SECTION 8771 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE.

PERMIT REQUIREMENTS:

12. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS, AND SHALL COMPLY WITH THE STANDARD AND SPECIAL CONDITIONS OF THE FOLLOWING PERMITS:
 - A) THE LOS ANGELES DISTRICT U.S. ARMY CORPS OF ENGINEERS HAS ISSUED DEPARTMENT OF THE ARMY SECTION 404 PERMIT NO. SPL-2019-XXXX-XXX ON MONTH DAY, 2019 FOR THIS PROJECT. REFER TO ALL TERMS AND SPECIAL CONDITIONS MANDATED BY THIS PERMIT.
 - B) LOS ANGELES (CALIFORNIA) REGIONAL WATER QUALITY CONTROL BOARD HAS ISSUED CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION (FILE NO. 16-161) ON MAY 24, 2017 FOR THIS PROJECT. REFER TO ALL CONDITIONS OF CERTIFICATION (ATTACHMENTS A & B IN THE SPECIFICATIONS OF THIS PROJECT) MANDATED BY THIS CERTIFICATION.
 - C) THE CALIFORNIA COASTAL COMMISSION HAS APPROVED THE NOTICE OF IMPENDING DEVELOPMENT (NOID) NO. X-XXX ON MONTH DAY, 2019 FOR THIS PROJECT. REFER TO AND COMPLY WITH ALL SPECIAL CONDITIONS AND CONSTRUCTION RESPONSIBILITIES MANDATED BY THE PERMIT.

ENVIRONMENTAL NOTES

13. THE CONTRACTOR SHALL NOTIFY SUBCONTRACTORS, MATERIAL SUPPLIERS, LESSEES, AND PROPERTY OWNERS: THAT DUMPING OF CHEMICALS INTO THE STORM DRAIN SYSTEM OR CHANNEL ISLANDS HARBOR WATERS IS PROHIBITED.
14. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT AN ANTICIPATED STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE. DISCHARGES OF MATERIAL OTHER THAN STORMWATER ONLY WHEN NECESSARY FOR PERFORMANCE AND COMPLETION OF CONSTRUCTION

PRACTICES AND WHERE THEY DO NOT: CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD; CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A QUANTITY REPORTABLE UNDER FEDERAL REGULATIONS 40 CFR PARTS 117 AND 302.

DURING CONSTRUCTION, CONTRACTOR SHALL DISPOSE OF SUCH MATERIALS IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE, PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.

NPDES NOTES:

15. IN CASE OF EMERGENCY, CALL THE CHANNEL ISLANDS DEPARTMENT HARBOR PATROL AT (805) 973-5959.
16. FOR THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THE FOLLOWING BEST MANAGEMENT PRACTICES (BMPs) AS DESCRIBED BY THE BMP FACT SHEETS PUBLISHED BY THE CALIFORNIA STORMWATER QUALITY ASSOCIATION'S (CASQA) CONSTRUCTION BMP HANDBOOK:
TEMPORARY EROSION CONTROL EC-1, EC-2, EC-7, AND WE-1;
TEMPORARY NON-STORMWATER NS-1, NS-6, NS-8, NS-9, NS-10, NS-11, NS-12, NS-13, NS-14, AND NS-15.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING FROM THE COUNTY OF VENTURA APPROVALS FOR THE FOLLOWING PLANS: NPDES/SUSMP PLAN, SOLID WASTE MANAGEMENT PLAN, AND CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING AND REUSE PLAN AS REQUIRED.
18. SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING STRUCTURAL CONTROLS TO THE MAXIMUM EXTENT PRACTICABLE.
19. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.
20. APPROPRIATE BMP'S FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILLS OR RESIDUES SHALL BE IMPLEMENTED AND RETAINED ON SITE TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTY BY WIND OR RUNOFF.
21. NO CONSTRUCTION EQUIPMENT SHALL BE WASHED ON SITE.
22. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.
23. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTED MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.
24. DEWATERING OF CONTAMINATED GROUNDWATER, OR DISCHARGING CONTAMINATED SOILS VIA SURFACE EROSION IS PROHIBITED. DEWATERING OF NON-CONTAMINATED GROUNDWATER REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FROM THE RESPECTIVE STATE REGIONAL WATER QUALITY CONTROL BOARD.
25. GRADED AREAS ON THE PROJECT AREA PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE IS TO BE DIRECTED TOWARD DESILTING FACILITIES.
26. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
27. THE CONTRACTOR SHALL INSPECT THE EROSION CONTROL WORK AND INSURE THAT THE WORK IS IN ACCORDANCE WITH THE APPROVED BMP PLANS.
28. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
29. ALL REMOVABLE EROSION PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.
30. SEDIMENTS FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROLS TO THE MAXIMUM EXTENT PRACTICABLE, AND STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.

WASTE MANAGEMENT NOTES

31. THE CONTRACTOR SHALL COMPLY WITH AND BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF THE COUNTY OF VENTURA INTEGRATED WASTE MANAGEMENT DIVISION TO DIVERT DEMOLITION AND CONSTRUCTION WASTE FROM LANDFILLS. RESPONSIBILITIES SHALL INCLUDE ALL WORK NECESSARY TO PREPARE, PROCESS, AND OBTAIN AN

APPROVED CONSTRUCTION AND WASTE DEMOLITION MANAGEMENT PLAN (FORM B WORKSHEET) AND A CONSTRUCTION AND DEMOLITION WASTE LETTER OF DOCUMENTATION (FORM C FINAL REPORT).



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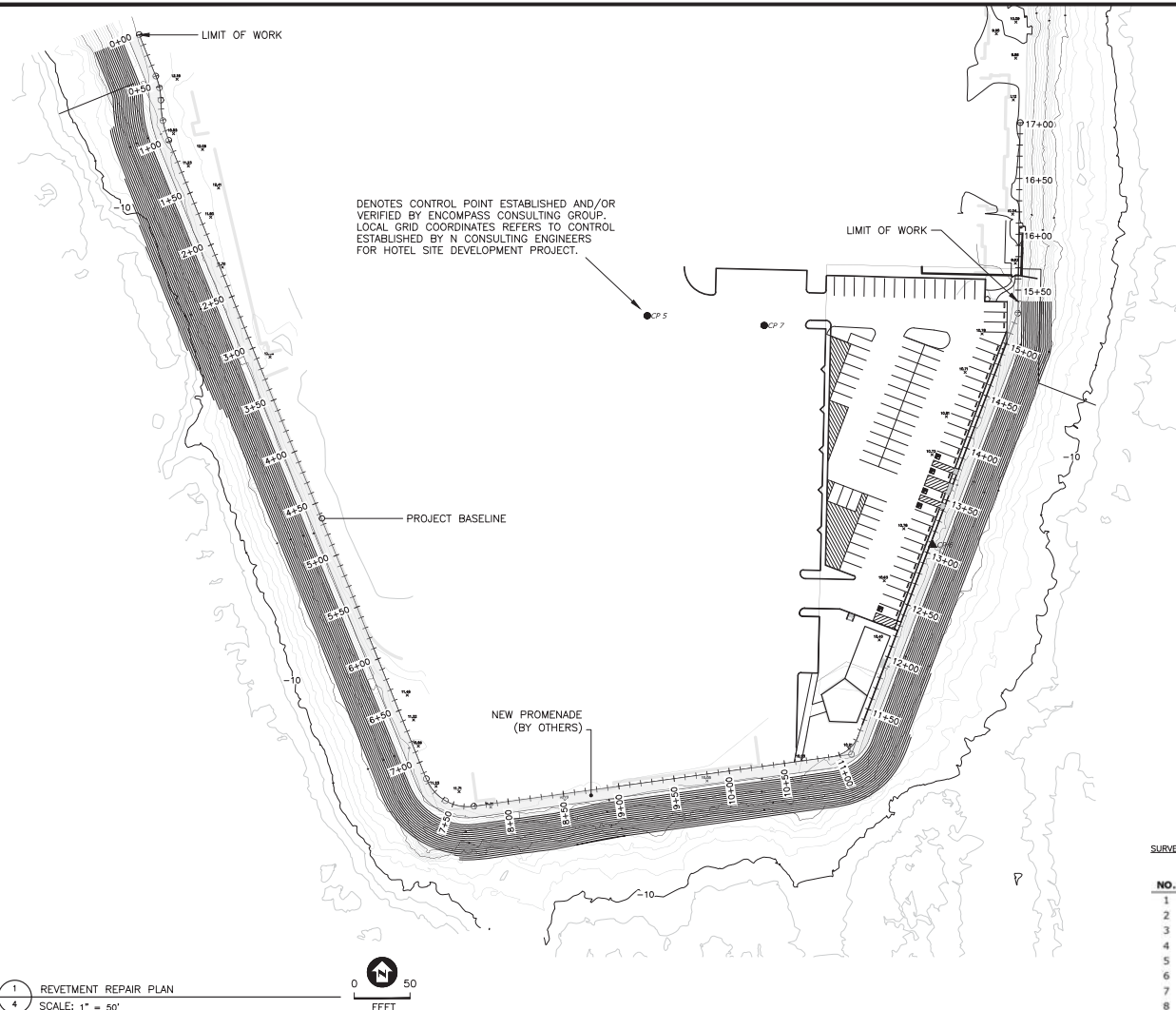
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NO.	DATE	REVISION

DESIGNED BY	JTM
DRAWN BY	JM
CHECKED BY	---
APPROVED BY	JTM

FOR PLAN CHECK

COUNTY OF VENTURA	SHEET 2 of 16
CONSTRUCTION NOTES	JOB NO. 769-18
CHANNEL ISLANDS HARBOR PENINSULA REYEMENT	SCALE AS SHOWN
	DATE 1/25/2019



DENOTES CONTROL POINT ESTABLISHED AND/OR VERIFIED BY ENCOMPASS CONSULTING GROUP. LOCAL GRID COORDINATES REFERS TO CONTROL ESTABLISHED BY N CONSULTING ENGINEERS FOR HOTEL SITE DEVELOPMENT PROJECT.

PROJECT BASELINE CONTROL

PI STATION	NORTHING	EASTING	DISTANCE	DIRECTION
0+00.00	1,886,288.17	6,190,580.50		
0+51.22	1,886,240.67	6,190,599.67	51.218'	S21° 59' 04.88"E
0+80.85	1,886,210.79	6,190,600.10	29.887'	S0° 49' 41.42"E
7+47.05	1,885,592.61	6,190,849.58	666.620'	S21° 58' 40.16"E
11+10.43	1,885,643.58	6,191,218.86	372.778'	N82° 06' 32.97"E
15+29.22	1,886,038.60	6,191,368.11	422.277'	N20° 41' 52.00"E
16+99.99	1,886,209.36	6,191,370.16	170.772'	N0° 41' 12.10"E

CURVE DATA

	CURVE 1	CURVE 2	CURVE 3	CURVE 4
DELTA	21° 10' 51.5856"	21° 08' 58.7639"	75° 52' 46.8000"	61° 26' 40.9602"
RADIUS	60	100	40	30
LENGTH	22.181	36.913	52.974	32.172
MID-ORD	1.022	1.698	8.454	4.21
CHORD	22.055	36.704	49.187	30.653

APPROXIMATE TIDAL DATUM INFORMATION FOR CHANNEL ISLANDS HARBOR AREA

MHHW	5.46 FT	ELEVATION INFORMATION FOR STA ID 9411270 RINCON ISLAND, CA
MWH	4.70 FT	
MTL	2.85 FT	NOTE: VERTICAL DATUM FOR THIS PROJECT IS NAVD 88.
NGVD29	2.69 FT	
MLW	0.99 FT	ELEV INFORMATION SOURCE: NATIONAL GEODETIC SURVEY PID = EW6485, VM = 3113, STA ID = 9411270
NAVD88	0.09 FT	
MLW	0.00 FT	

SURVEY NOTES:

1. VERTICAL DATUM IS NAVD88.
2. DEPTHS SHOWN ARE IN FEET AND WERE COMPILED FROM MULTI-BEAM BATHYMETRIC SURVEYS PERFORMED BY NEARSHORE AND WETLANDS SURVEY JULY 11-13, 2018 FOR THIS PROJECT.
3. CONTROL POINT ESTABLISHED AND/OR VERIFIED BY ENCOMPASS CONSULTING GROUP. LOCAL GRID COORDINATES REFERS TO CONTROL ESTABLISHED BY N CONSULTING ENGINEERS FOR HOTEL SITE DEVELOPMENT PROJECT.

SURVEY CONTROL POINTS

NO.	CALIFORNIA STATE PLANE ZONE 5		LOCAL GRID		ELEVATION	DESCRIPTION
	NORTHING	EASTING	NORTHING	EASTING		
1	1,888,645.396	6,191,134.326	14,593.390	23,403.346	10.209	SET SCRIBED X
2	1,888,242.541	6,191,050.219	14,190.522	23,319.254	10.866	SCRIBED X
3	1,886,549.561	6,191,014.994	12,497.503	23,284.101	11.155	SET SCRIBED X
4	1,886,447.967	6,190,518.241	12,395.886	22,787.342	9.812	SET SCRIBED X
5	1,886,036.407	6,191,035.966	11,984.338	23,305.096	12.074	FND MAG NAIL
6	1,885,831.173	6,191,291.581	11,779.111	23,560.726	10.129	SET SCRIBED X
7	1,886,027.671	6,191,140.818	11,975.607	23,409.950	11.808	FND SCRIBED X 5404
8	1,888,565.655	6,190,554.832	14,513.622	22,823.842	34.62	SET SCRIBED X

1 REVELMENT REPAIR PLAN
4 SCALE: 1" = 50'



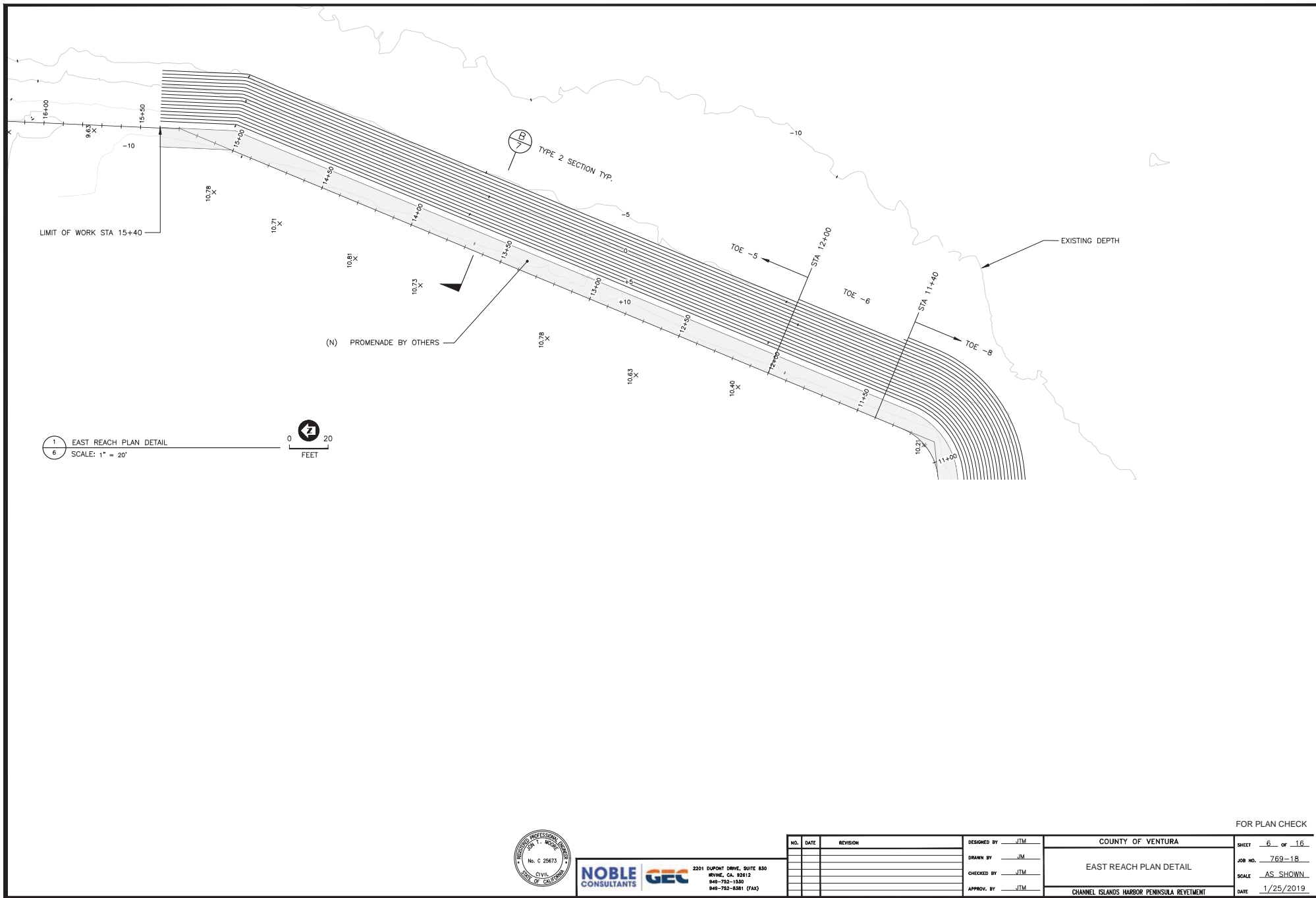
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NO.	DATE	REVISION

DESIGNED BY	JTM
DRAWN BY	JM
CHECKED BY	JTM
APPROVED BY	JTM

COUNTY OF VENTURA		SHEET	4 OF 16
REVELMENT REPAIR PLAN		JOB NO.	769-18
CHANNEL ISLANDS HARBOR PENINSULA REVELMENT		SCALE	AS SHOWN
		DATE	1/25/2019

FOR PLAN CHECK



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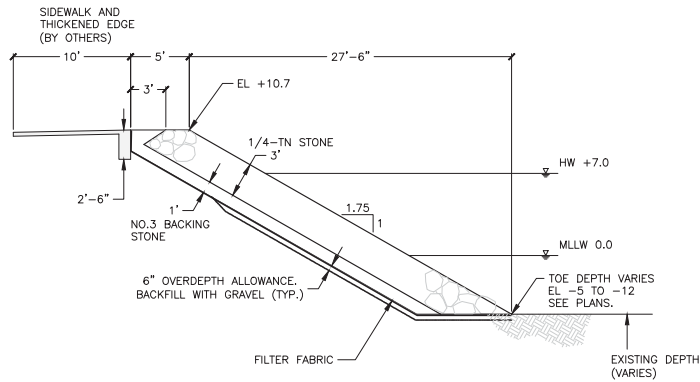
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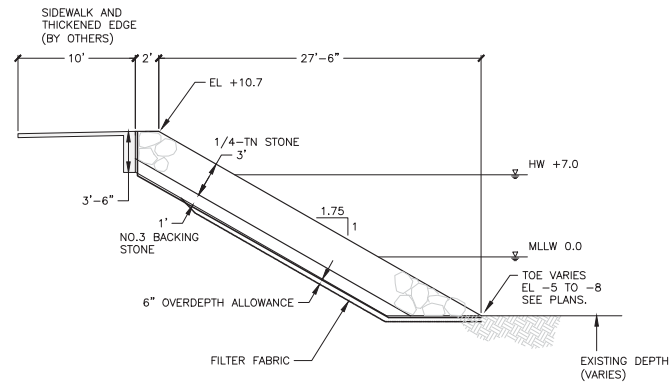
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APPROV. BY	JTM

COUNTY OF VENTURA	SHEET 6 of 16
EAST REACH PLAN DETAIL	JOB NO. 769-18
CHANNEL ISLANDS HARBOR PENINSULA REYEMENT	SCALE AS SHOWN
DATE 1/25/2019	

FOR PLAN CHECK



7
TYPICAL REVETMENT SECTION TYPE 1
SCALE: 1" = 5'



7
TYPICAL REVETMENT SECTION TYPE 2
SCALE: 1" = 5'

SLOPE REPAIR NOTES:

1. REMOVE ALL EXISTING ARMOR AND FILTER STONE TO LIMITS SHOWN.
2. PRIOR TO PLACEMENT OF NEW FILTER FABRIC, FILL VOIDS AND OVER STEEPENED AREAS BELOW EXCAVATION LIMIT WITH SPECIFIED GRAVEL AND GRADE TO THE SPECIFIED UNIFORM SLOPE.
3. PLACE FILTER FABRIC STRIPS NORMAL TO SLOPE CONTOUR. FILTER FABRIC SHALL BE CAREFULLY PLACED AND SECURED SO THAT MATERIAL IS NOT DISLOOSED, BUNCHED, TORN, OR DISPLACED DURING PLACEMENT OF STONE LAYERS. EXTEND FABRIC TO COMPLETELY COVER BACK SIDE OF TOE WALL. MINIMUM OVERLAP OF FILTER FABRIC STRIPS SHALL BE THREE (3) FEET. FABRIC STRIPS SHALL CONSIST OF ONE CONTINUOUS PIECE THAT EXTENDS FROM TOP OF SLOPE TO TOP OF TOE WALL. NO STRIPS SHALL BE SPLICED. SECURE ALL LONGITUDINAL SEAMS WITH APPROVED PINS. USE WHATEVER MEANS AND METHODS ARE NECESSARY TO PLACE AND SECURE FILTER FABRIC UNDERWATER.
4. ALL ARMOR STONE SHALL BE CAREFULLY PLACED FROM BOTTOM TO TOP. STONE SHALL NOT BE DROPPED OR DUMPED.
5. ALL BACKING STONE SHALL BE NO. 3 BACKING IN CONFORMANCE WITH SECTION 72-2.01 OF THE STATE SPECIFICATIONS EXCEPT THAT NO STONE SHALL BE LARGER THAN 25 LBS OR SMALLER THAN 1 LB.
6. ARMOR STONE SHALL BE 1/4 TON IN CONFORMANCE WITH SECTION 72-2.01 OF THE STATE SPECIFICATIONS EXCEPT THAT NO STONE SHALL BE LARGER THAN 1/4 TON OR SMALLER THAN 75 LBS.
7. GRAVEL FOR BACKFILL TO PREPARE REVETMENT SUBGRADE SHALL BE 3/4-IN CRUSHED ROCK.
8. PRIOR TO MOBILIZATION AND PURCHASE OF MATERIALS SUBMIT A SLOPE REPAIR PLAN AS SPECIFIED IN THE SPECIAL PROVISIONS.



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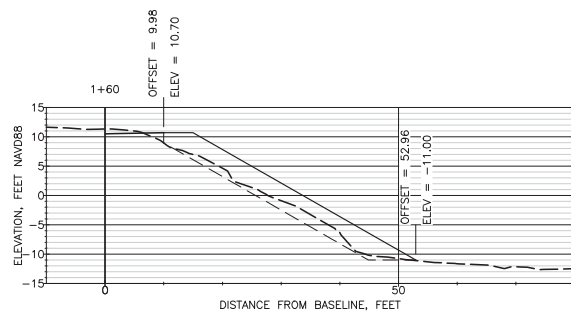
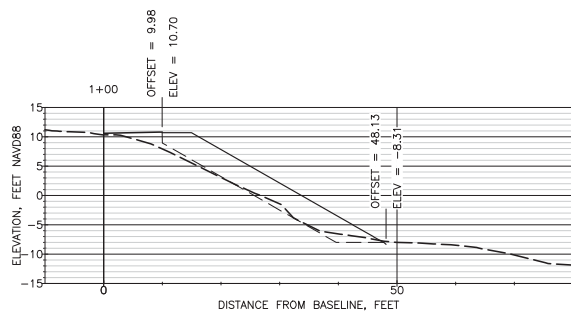
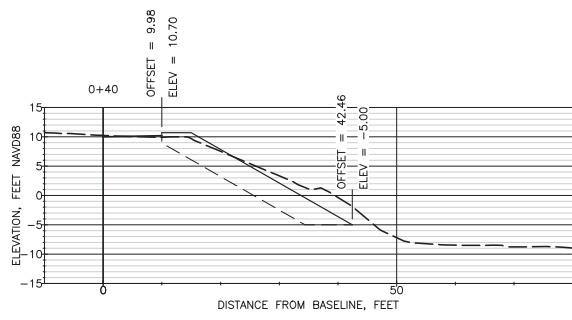
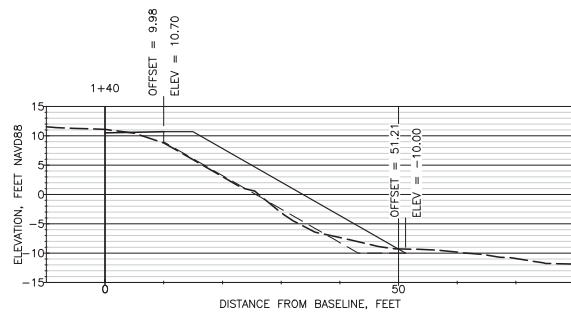
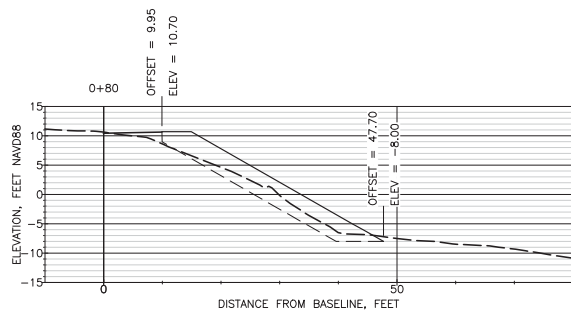
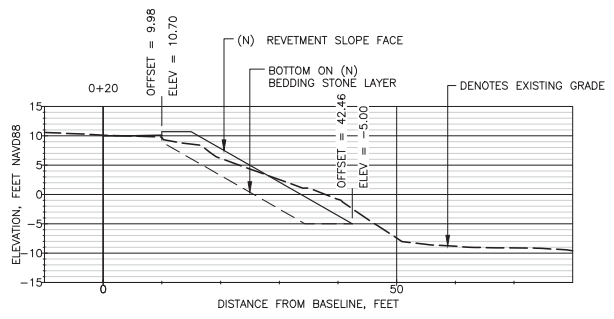
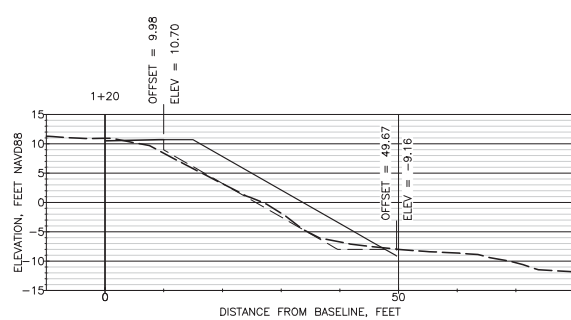
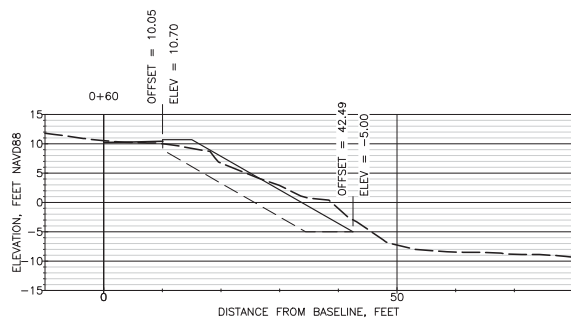
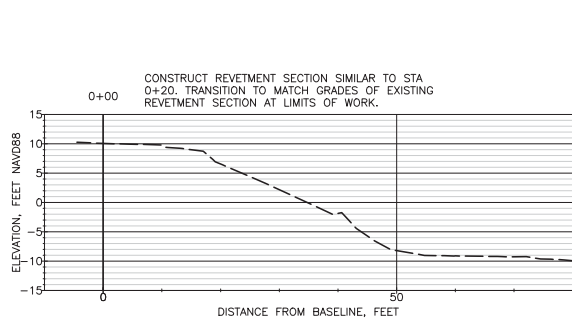
NO.	DATE	REVISION

DESIGNED BY JTM
DRAWN BY JM
CHECKED BY
APPROV. BY JTM

COUNTY OF VENTURA
REVETMENT SECTIONS
CHANNEL ISLANDS HARBOR PENINSULA REVETMENT

FOR PLAN CHECK

SHEET 7 OF 16
JOB NO. 769-18
SCALE AS SHOWN
DATE 1/25/2019



NOBLE CONSULTANTS **GEC**

2301 DUPONT DRIVE, SUITE 830
IRVINE, CA 92613
949-752-1530
949-752-6381 (FAX)

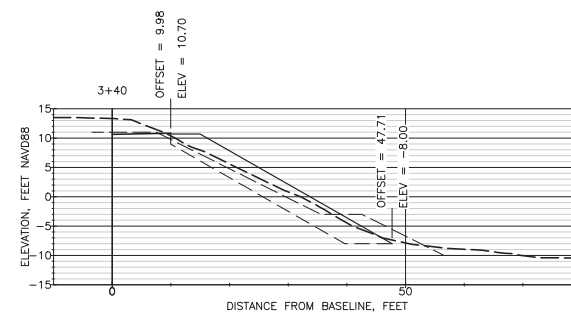
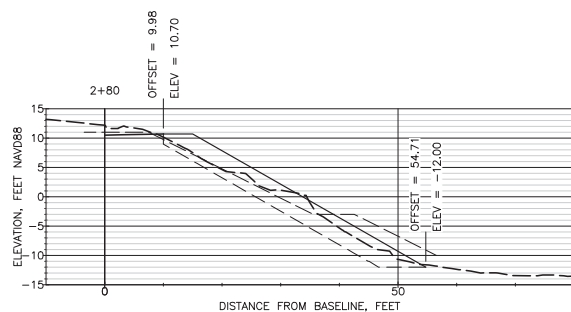
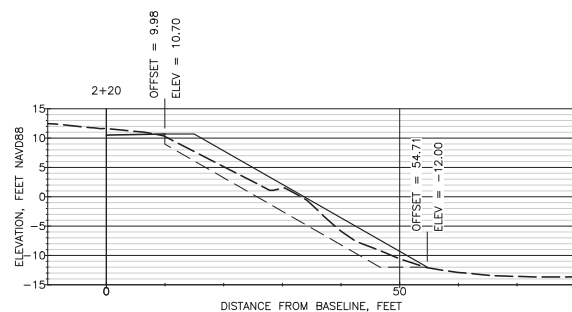
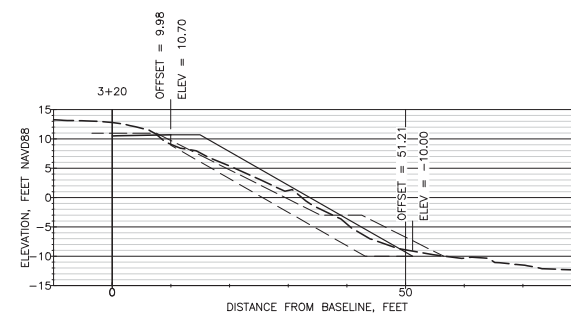
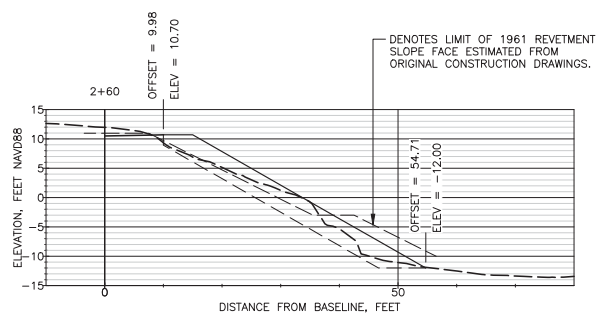
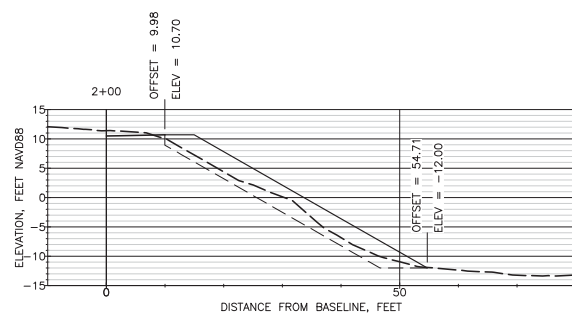
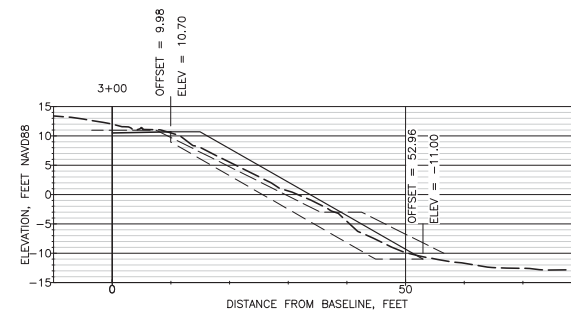
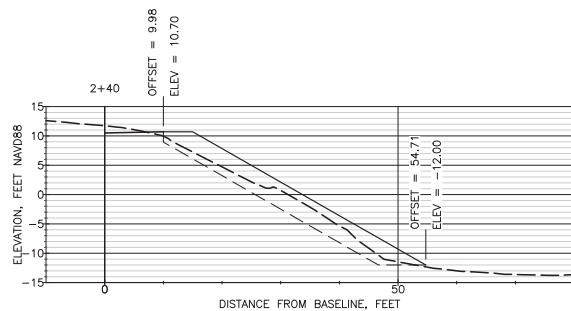
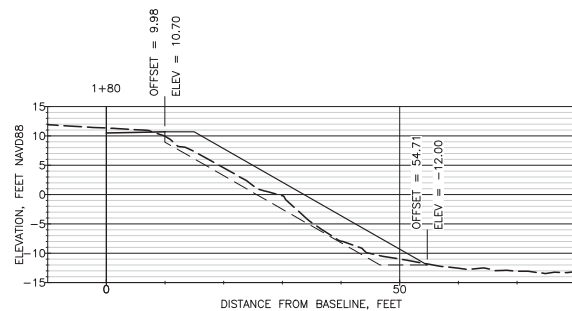
NO.	DATE	REVISION

DESIGNED BY	JTM
DRAWN BY	JM
CHECKED BY	---
APPROV. BY	JTM

COUNTY OF VENTURA
SECTIONS STA 0+00 TO 1+60
CHANNEL ISLANDS HARBOR PENINSULA REVETMENT

SHEET	8 of 16
JOB NO.	769-18
SCALE	AS SHOWN
DATE	1/25/2019

FOR PLAN CHECK



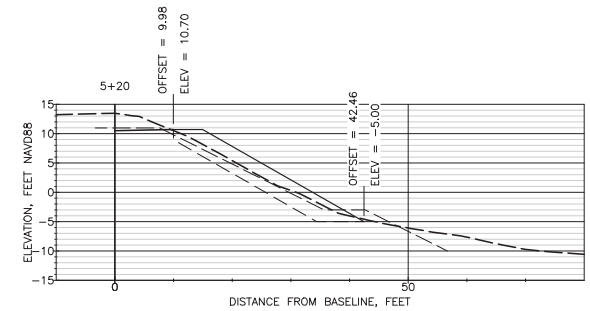
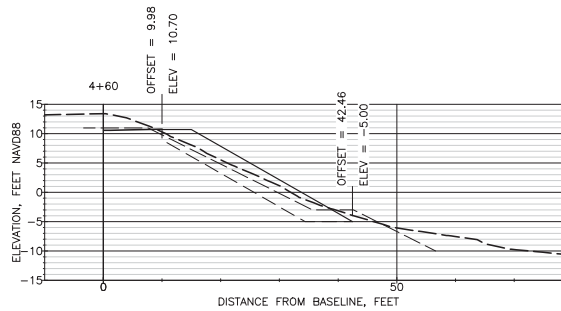
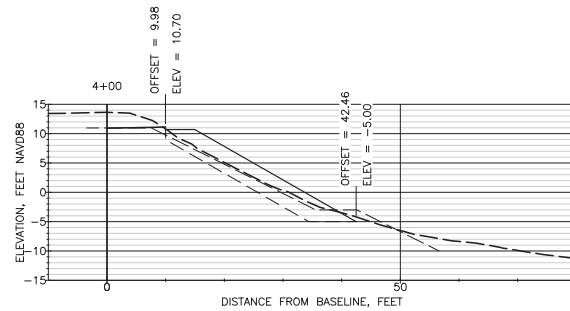
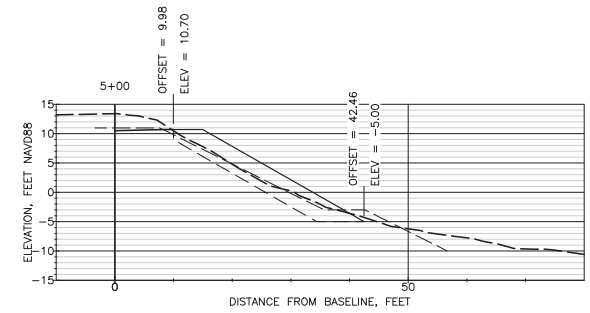
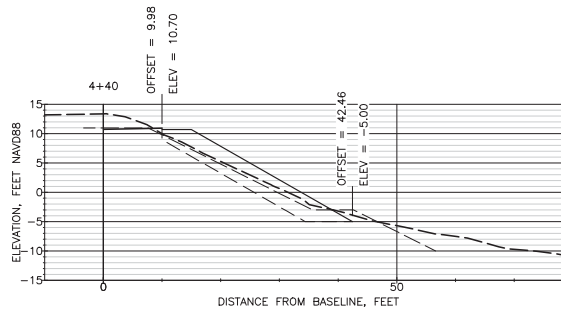
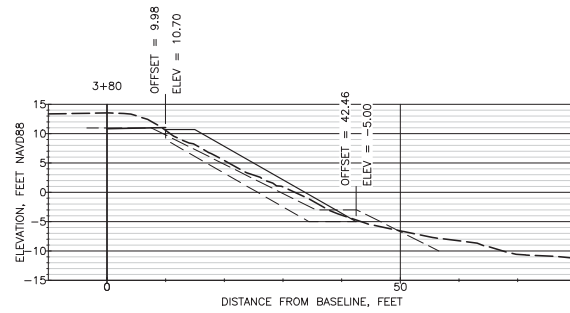
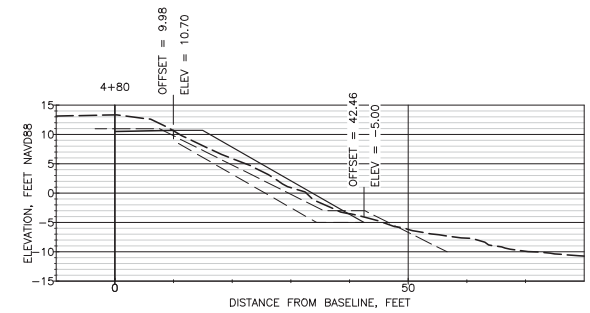
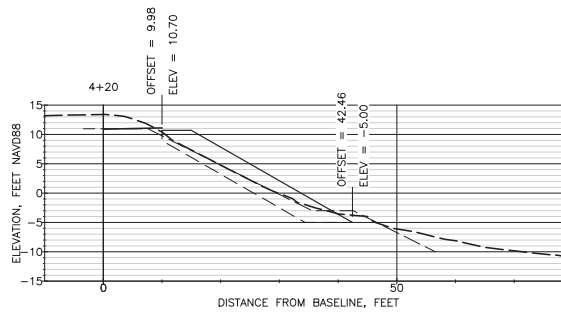
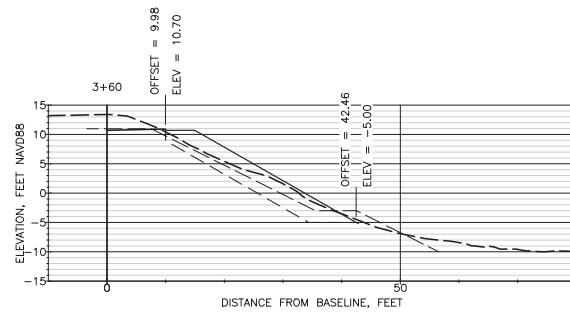
NOBLE CONSULTANTS **GEC**
2201 DUPONT DRIVE, SUITE 830
IRVINE, CA 92613
949-752-1530
949-752-6381 (FAX)

NO.	DATE	REVISION

DESIGNED BY JTM
DRAWN BY JM
CHECKED BY ---
APPROV. BY JTM

COUNTY OF VENTURA	SHEET <u>9</u> OF <u>16</u>
SECTIONS STA 1+80 TO 3+40	JOB NO. <u>769-18</u>
CHANNEL ISLANDS HARBOR PENINSULA REVETMENT	SCALE <u>AS SHOWN</u>
	DATE <u>1/25/2019</u>

FOR PLAN CHECK



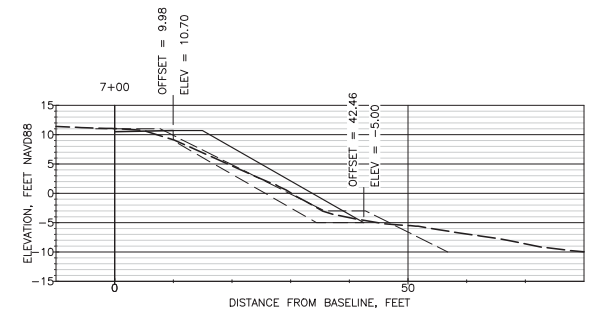
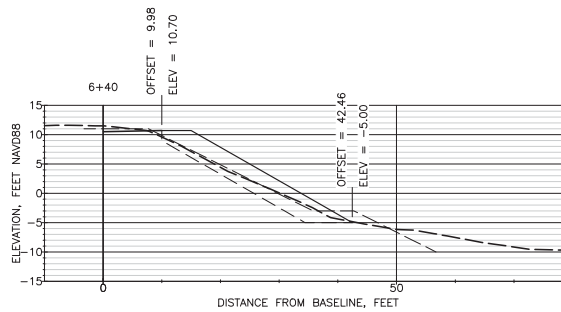
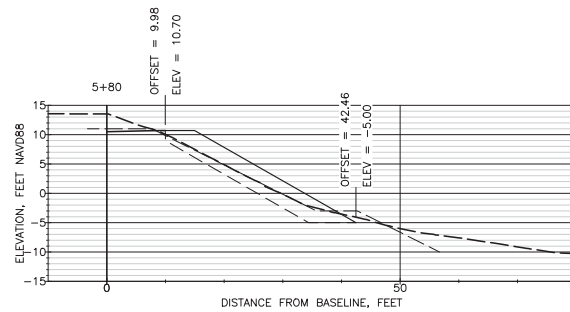
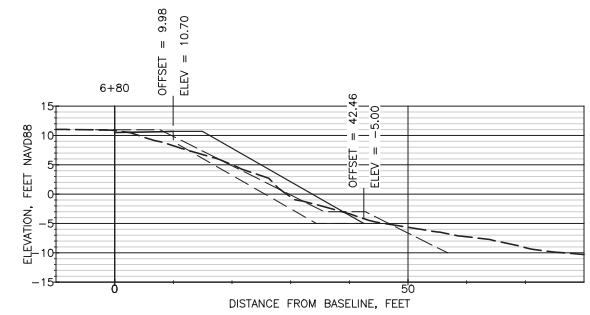
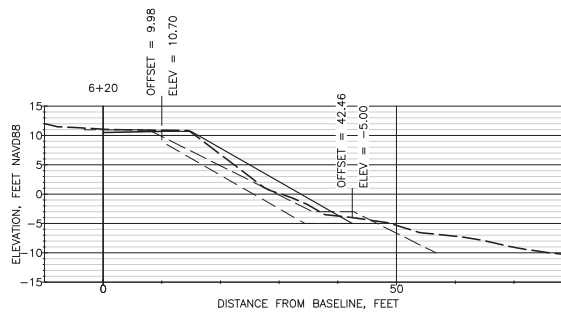
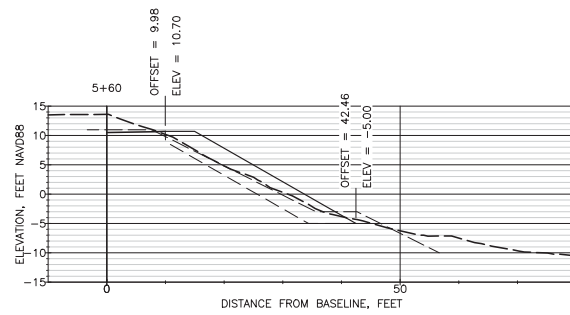
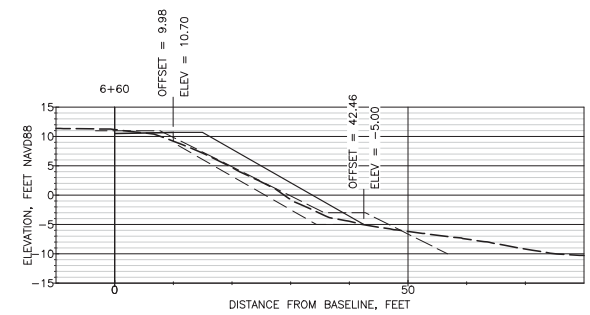
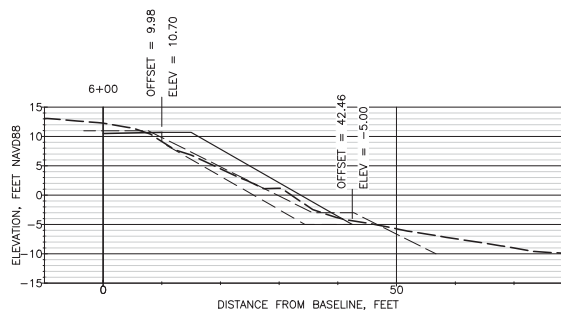
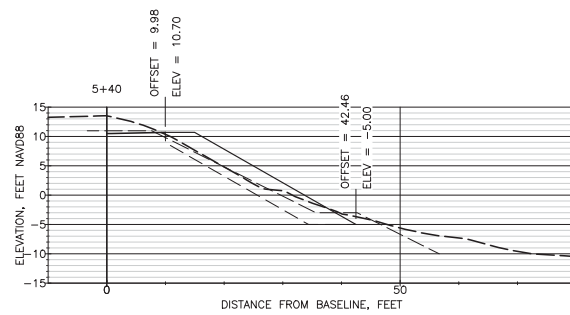
NOBLE CONSULTANTS **GEC**
 2301 DUPONT DRIVE, SUITE 830
 BAYVIEW, CA 94023
 848-752-1530
 848-752-6381 (FAX)

NO.	DATE	REVISION

DESIGNED BY JTM
 DRAWN BY JM
 CHECKED BY ---
 APPROV. BY JTM

COUNTY OF VENTURA	SHEET <u>10</u> of <u>16</u>
SECTIONS STA 3+60 TO 5+20	JOB NO. <u>769-18</u>
CHANNEL ISLANDS HARBOR PENINSULA REYEVMENT	SCALE <u>AS SHOWN</u>
	DATE <u>1/25/2019</u>

FOR PLAN CHECK



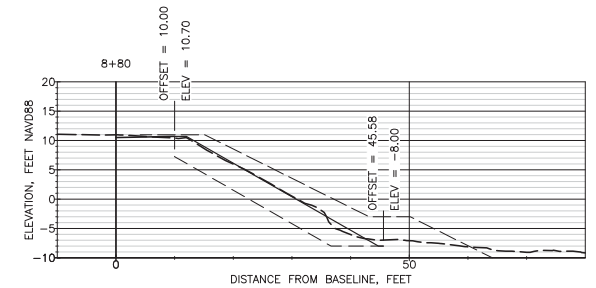
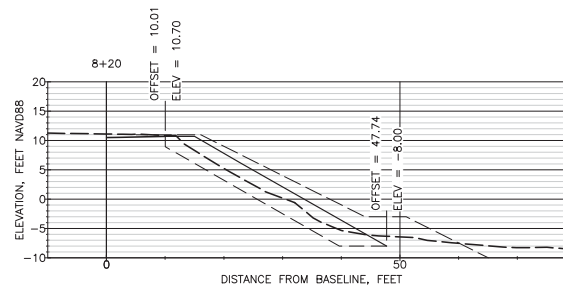
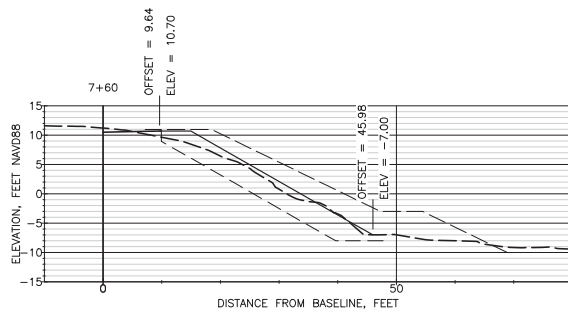
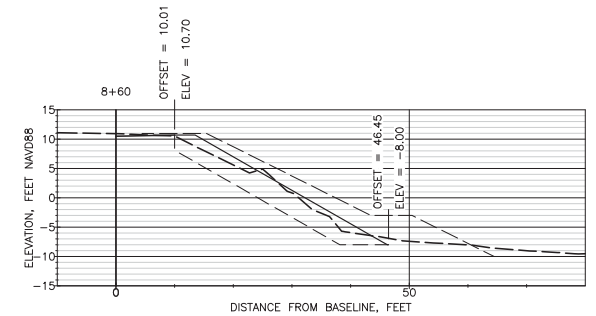
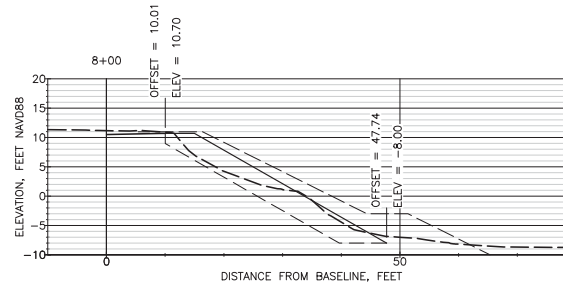
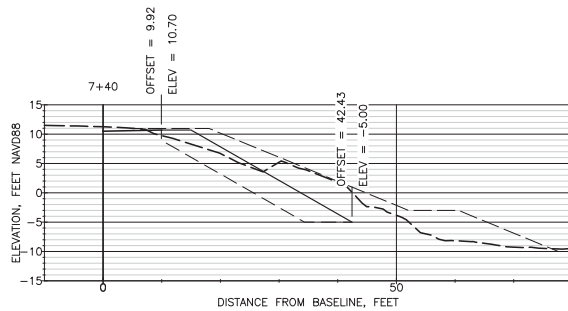
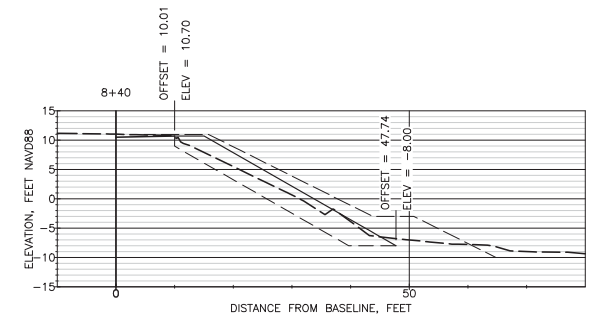
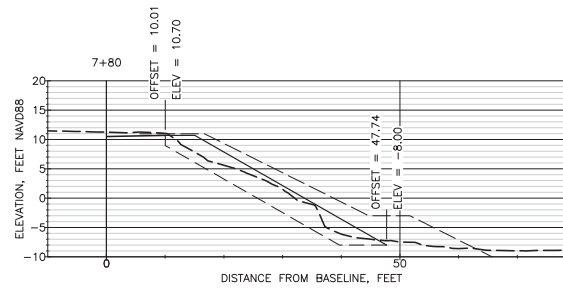
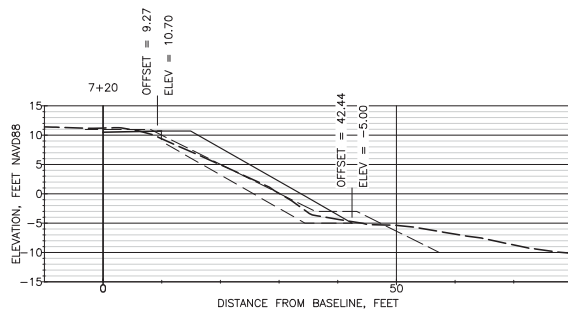
NOBLE CONSULTANTS **GEC**
2301 DUPONT DRIVE, SUITE 830
IRVINE, CA 92613
949-752-1530
949-752-6381 (FAX)

NO.	DATE	REVISION

DESIGNED BY JTM
DRAWN BY JTM
CHECKED BY ---
APPROV. BY JTM

COUNTY OF VENTURA		SHEET <u>11</u> of <u>16</u>
SECTIONS STA 5+40 TO 7+00		JOB NO. <u>769-18</u>
CHANNEL ISLANDS HARBOR PENINSULA REYEMENT		SCALE <u>AS SHOWN</u>
DATE <u>1/25/2019</u>		

FOR PLAN CHECK



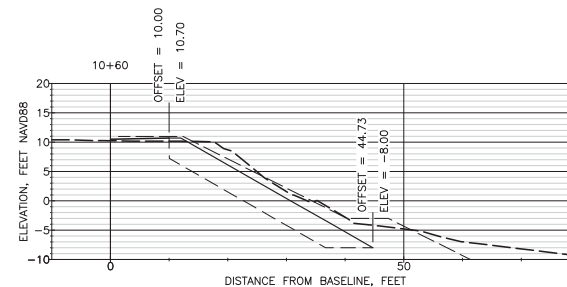
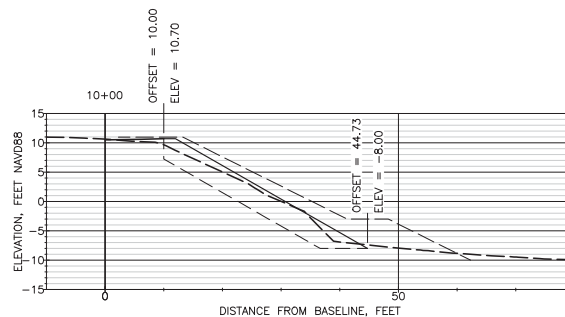
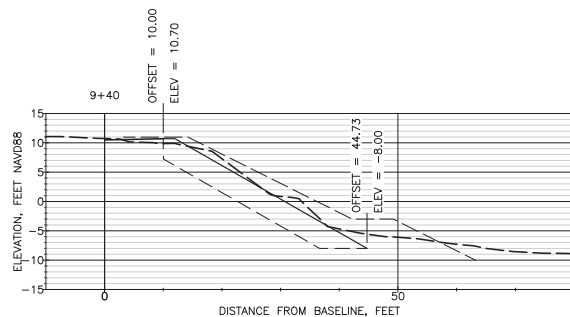
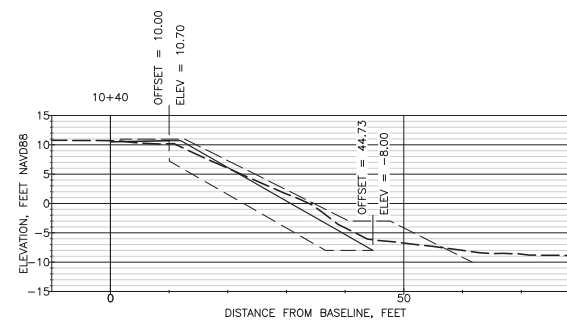
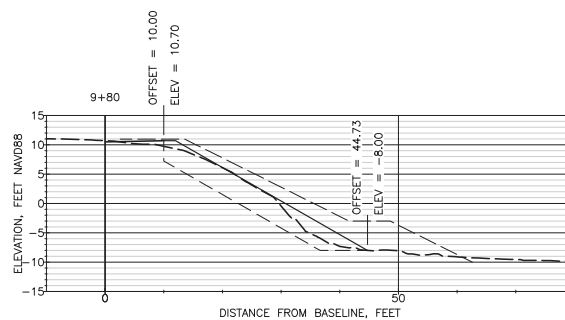
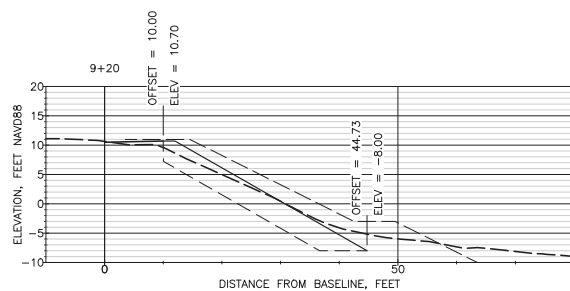
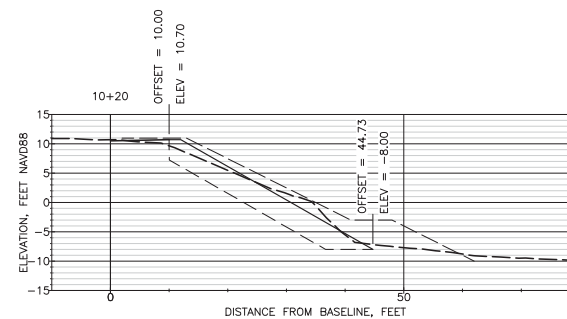
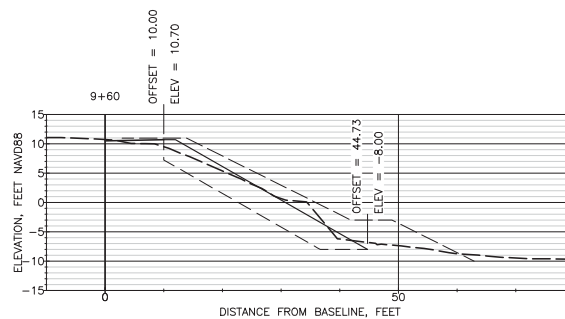
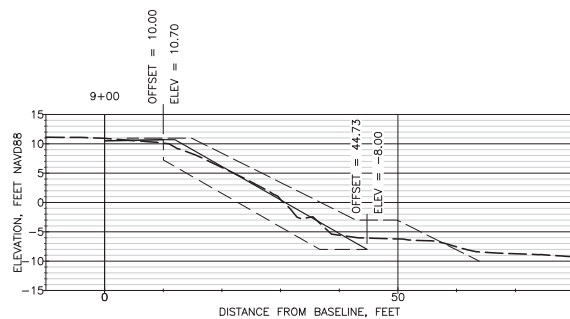
NOBLE CONSULTANTS **GEC**
2201 DUPONT DRIVE, SUITE 830
IRVINE, CA 92612
949-752-1530
949-752-5381 (FAX)

NO.	DATE	REVISION

DESIGNED BY JTM
DRAWN BY JTM
CHECKED BY ---
APPROV. BY JTM

COUNTY OF VENTURA		SHEET <u>12</u> of <u>16</u>
SECTIONS STA 7+20 TO 8+80		JOB NO. <u>769-18</u>
CHANNEL ISLANDS HARBOR PENINSULA REYEMENT		SCALE <u>AS SHOWN</u>
		DATE <u>1/25/2019</u>

FOR PLAN CHECK



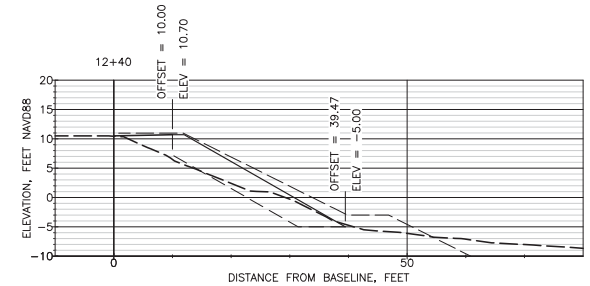
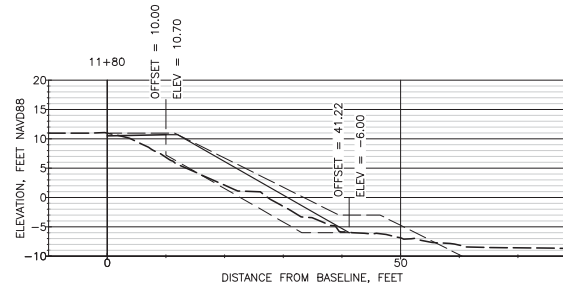
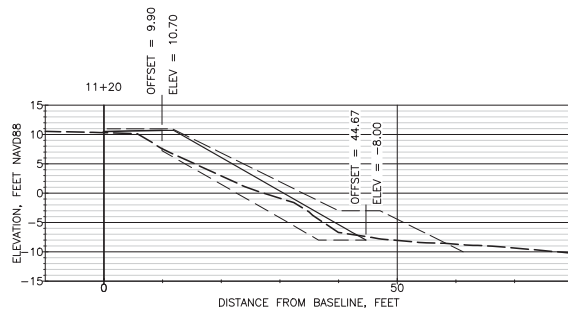
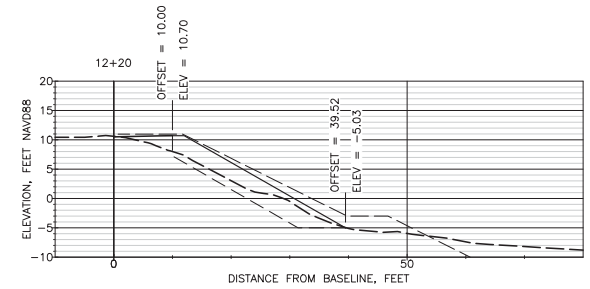
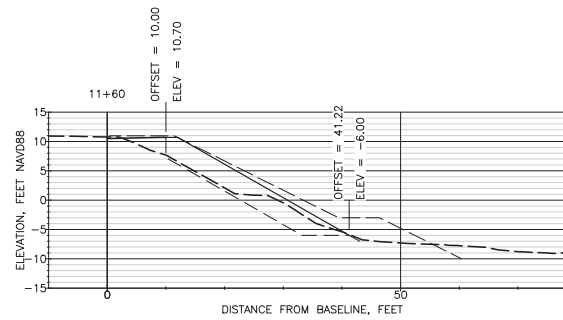
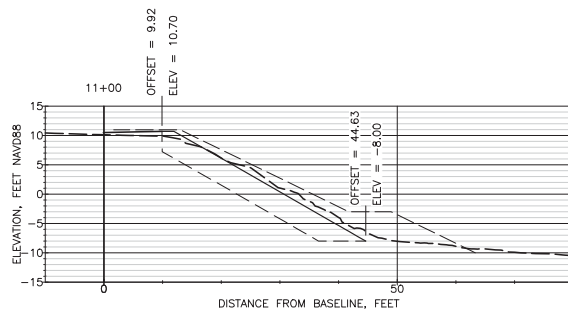
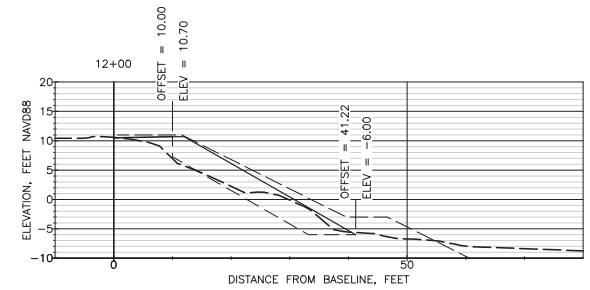
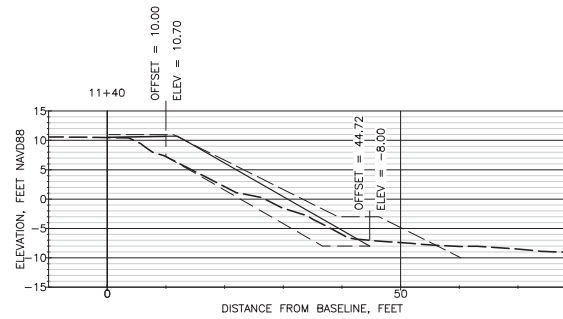
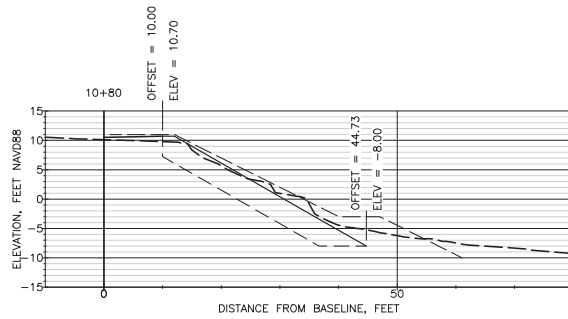
NOBLE CONSULTANTS **GEC**
 2201 DUPONT DRIVE, SUITE 830
 IRVINE, CA 92612
 949-752-1530
 949-752-5381 (FAX)

NO.	DATE	REVISION

DESIGNED BY JTM
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 APPROV. BY JTM

COUNTY OF VENTURA	SHEET <u>13</u> OF <u>16</u>
SECTIONS STA 9+00 TO 10+60	JOB NO. <u>769-18</u>
CHANNEL ISLANDS HARBOR PENINSULA REYEMENT	SCALE <u>AS SHOWN</u>
DATE <u>1/25/2019</u>	

FOR PLAN CHECK



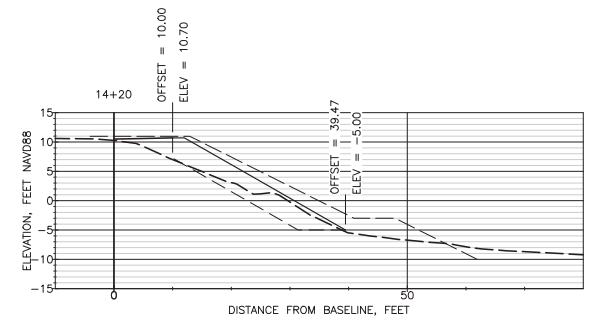
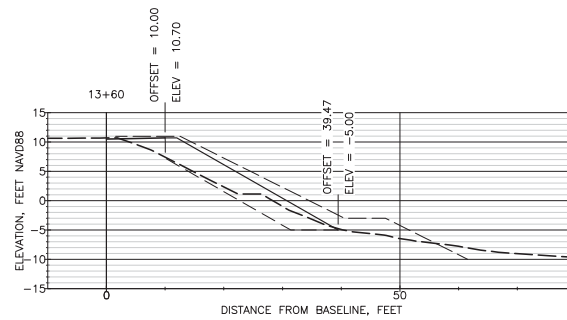
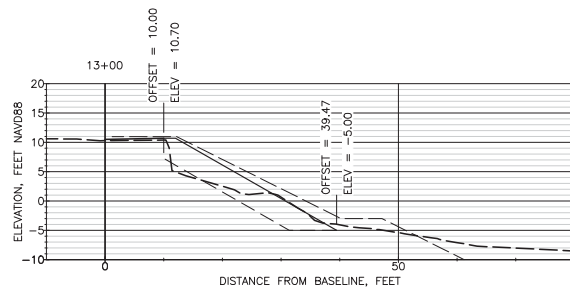
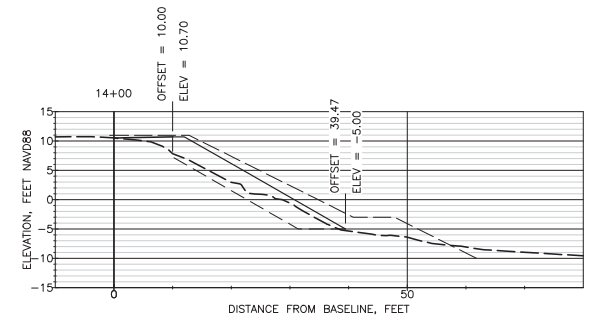
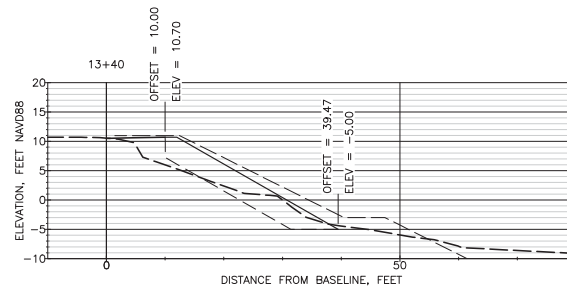
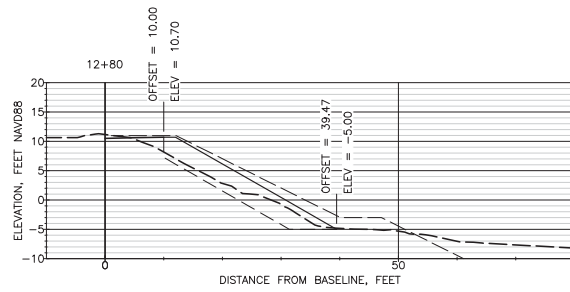
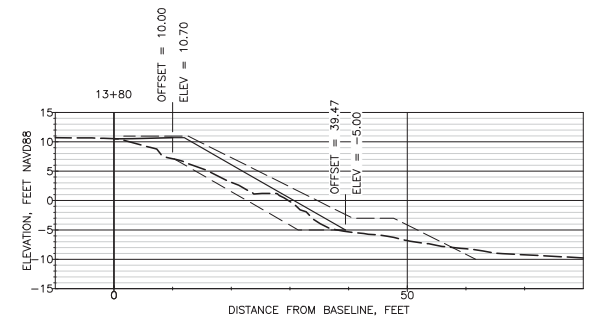
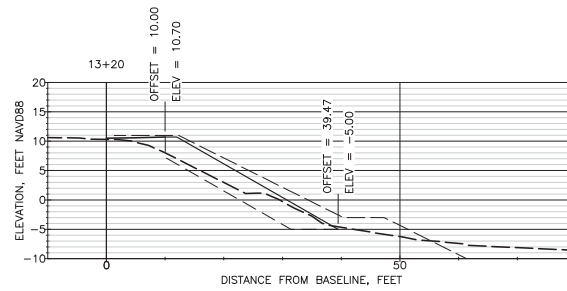
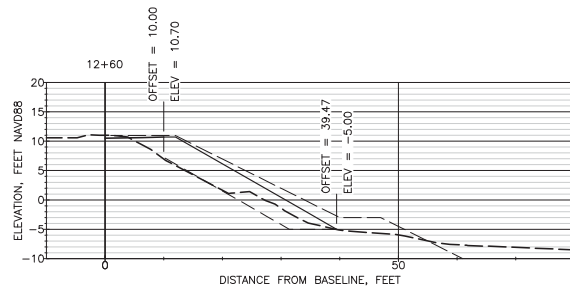
NOBLE CONSULTANTS **GEC**
 2301 DUPONT DRIVE, SUITE 830
 IRVINE, CA 92613
 949-752-1530
 949-752-5381 (FAX)

NO.	DATE	REVISION

DESIGNED BY	JTM
DRAWN BY	JM
CHECKED BY	---
APPROV. BY	JTM

FOR PLAN CHECK
COUNTY OF VENTURA
SECTIONS STA 10+80 TO 12+40
CHANNEL ISLANDS HARBOR PENINSULA REYEMENT

SHEET	14 of 16
JOB NO.	769-18
SCALE	AS SHOWN
DATE	1/25/2019



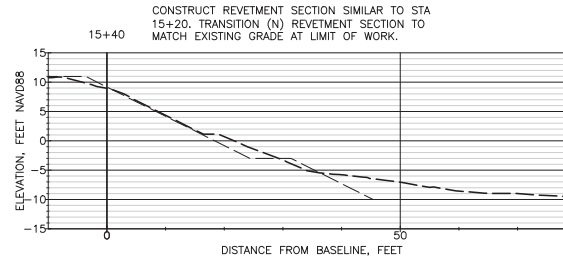
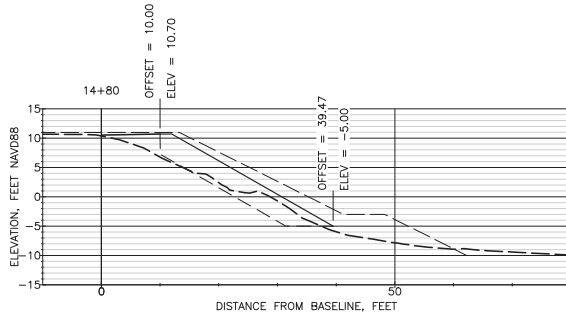
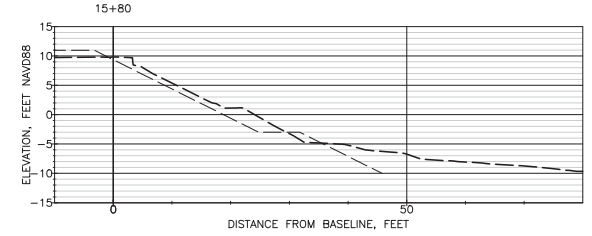
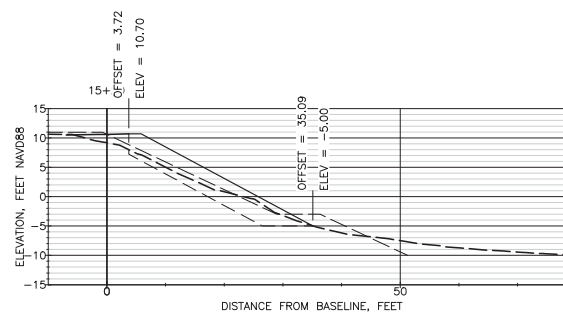
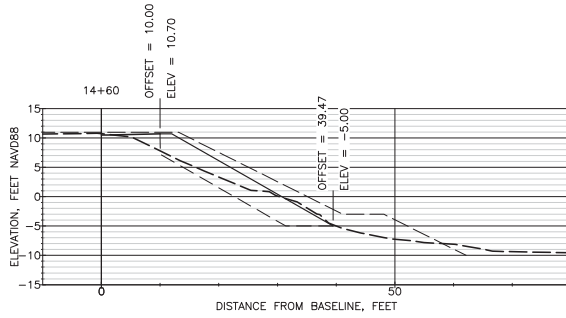
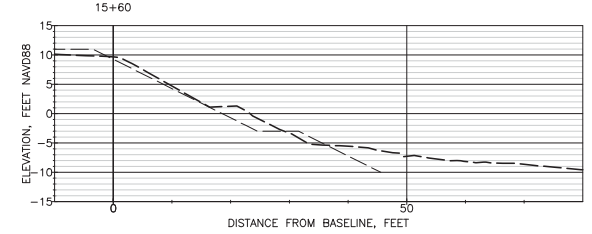
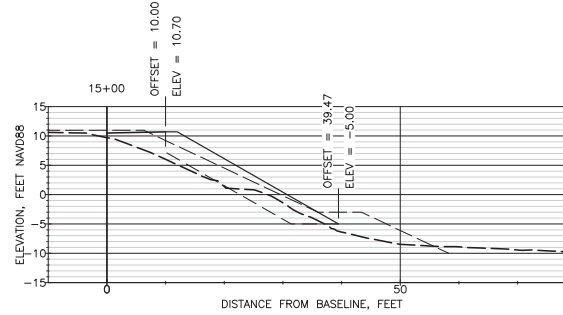
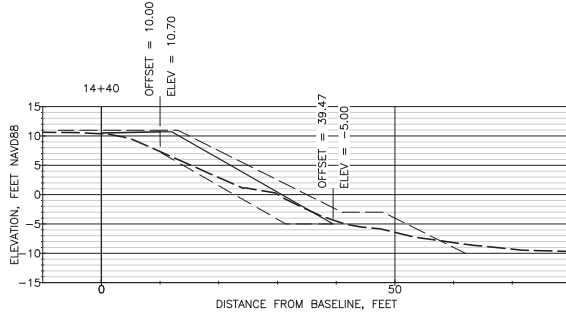
NOBLE CONSULTANTS **GEC**
2301 DUPONT DRIVE, SUITE 830
IRVINE, CA 92612
949-752-1530
949-752-6381 (FAX)

NO.	DATE	REVISION

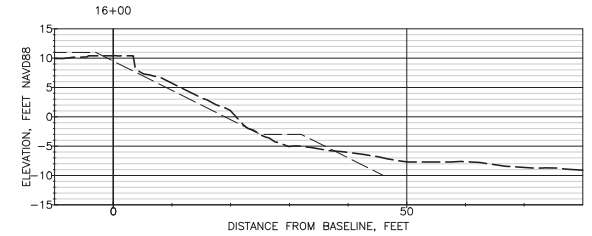
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APPROV. BY JTM

COUNTY OF VENTURA	SHEET <u>15</u> OF <u>16</u>
SECTIONS 12+60 TO 14+20	JOB NO. <u>769-18</u>
CHANNEL ISLANDS HARBOR PENINSULA REYEMENT	SCALE <u>AS SHOWN</u>
DATE <u>1/25/2019</u>	

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CONSTRUCT REVETMENT SECTION SIMILAR TO STA 15+20. TRANSITION (N) REVETMENT SECTION TO MATCH EXISTING GRADE AT LIMIT OF WORK.



NOBLE CONSULTANTS **GEC**
2201 DUPONT DRIVE, SUITE 830
IRVINE, CA 92612
949-752-1530
949-752-5381 (FAX)

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CHECKED BY ---
APPROVED BY JTM

COUNTY OF VENTURA
SECTIONS STA 14+40 TO 16+00
CHANNEL ISLANDS HARBOR PENINSULA REVETMENT

FOR PLAN CHECK
SHEET 16 of 16
JOB NO. 769-18
SCALE AS SHOWN
DATE 1/25/2019

**COUNTY OF VENTURA CONDITIONS OF APPROVAL
NOTICE OF IMPENDING DEVELOPMENT (NOID) -- Repair and Replacement of
Rock Revetment around Peninsula at Peninsula Road, Channel Islands Harbor,
Oxnard, California**

Biological Resources

1. Public Works Plan Biology Policies 12 through 17 are incorporated herein by reference and made a condition of this NOID.

Water Quality Policies

2. All new development or redevelopment shall be designed to prohibit the discharge of pollutants that would cause or contribute to receiving water impairment or exceedance of state water quality standards. (Policy 1)

Temporary Erosion Control BMPs

3. Scheduling: The Contractor shall sequence construction activities to minimize the duration soils are exposed onsite. Implementation methods shall include monitoring weather forecast for rainfall; deployment of erosion, sediment, and tracing control BMPs; scheduling of work to minimize the time that excavated soil areas onsite are exposed prior to placement of specified slope protection on pavement.
4. Geotextiles and mats: The Contractor shall place specified geotextiles on exposed slopes to prevent soil erosion prior to placement of specified riprap slope protection.
5. Wind Erosion Control: The Contractor shall implement dust control measures throughout the job using: applications of water to exposed soil areas; mulch to landscaped areas; provide covers for haul trucks.

Temporary Sediment Control BMPs

6. Street Sweeping: The job site shall be swept daily by the Contractor or as conditions warrant to remove visible fugitive dirt from the job site to keep existing pavement areas clean to prevent tracking.
7. Sandbag Barrier: The contractor shall place sandbag barriers around the perimeter of the job site to intercept runoff or runoff to remove sediment prior to discharge into Channel Islands Harbor waters or storm drains and kept in place for the duration of the project.

8. **Storm Drain Inlet Protection:** The Contractor shall protect the existing storm drain inlet within the job site at all times with fiber rolls, gravel gab berms, sandbag barriers or other appropriate measures to intercept runoff from the job site and remove sediment.
9. **Stabilized Construction Entrance/Exit:** The contractor shall erect and maintain a job site entrance/exit area consisting of crushed aggregate and corrugated steel panels to prevent tracking of sediment onto public streets.

Temporary Non-Stormwater BMPs

10. **Water Conservation Practices:** The Contractor shall implement water conservation measures for the duration of the job by: keeping water equipment in good working condition; repairing water leaks promptly; not washing vehicles and equipment; avoiding use of water to clean construction areas; and locking water tank valves to prevent unauthorized use.
11. **Illicit Connection-Illegal Discharge Connection:** The Contractor shall inspect the job site daily to ensure that no illegal dumping has occurred from third party sources.
12. **Vehicle and Equipment Cleaning:** No equipment and vehicle cleaning will be allowed at the job site.
13. **Vehicle and Equipment Fueling:** Equipment that will be used onsite will consist of small trucks, off road vehicles, large track mounted equipment, and miscellaneous small equipment. All small trucks and similar street legal equipment shall be refueled offsite. The off road and track mounted equipment will be on the job site for varying amounts of time throughout the six month project duration. The Contractor shall: refuel off road and track mounted equipment within a level ground area that is located at the most landward area of the job site's parking lot near Peninsula Road and at least 50 feet away from any storm drain; use drip pans and absorbent pads to capture drips; protect the perimeter of the fueling area with an absorbent berm to prevent runoff, runoff, and to contain spills; use fuel cans that have secondary containment; keep a spill kit ready at the fueling area.
14. **Vehicle and Equipment Maintenance:** On-site vehicle and equipment maintenance shall not be allowed, and the Contractor shall be required to furnish all equipment to the job site well maintained and in good working order. Off road and large track mounted equipment shall be onsite for varying amounts of the six month project duration. From time to time minor breakdowns will be inevitable and require minor repairs at the job site. In accordance with these

provisions, the Contractor shall: perform such repairs at a designated maintenance area located on level ground at the most landward portion of the job site's parking lot near Peninsula Road and at least 50 feet away from any storm drain; use drip pans and absorbent pads to capture all vehicle fluids; protect the perimeter of the repair area with an absorbent berm to prevent runoff, and to contain spills; and keep a spill kit ready at the repair area.

15. Demolition Removal Adjacent to Water: The Contractor shall: perform all demolition work using land based equipment and means and methods to prevent discharge of sediment and waste into Channel Islands Harbor waters; stockpile demolished materials away from drainage areas, and haul it away for recycling or disposal as soon as possible.

Temporary Materials Management BMPs

16. Material Delivery and Storage: For the duration of the job the Contractor shall: provide adequate storage sheds and containment methods for chemical products; store materials in their original containers as much as possible; stockpile erodible landscape materials to prevent erosion and runoff over the site; designate the locations of materials delivery and storage areas; minimize storage of hazardous materials; keep ample spill and clean up materials on hand for use as needed by personnel trained in their use and emergency procedures; and remove any residual materials.
17. Stockpile Management: For the duration of the project the Contractor shall: protect all stockpiles when not in use; implement wind erosion control measures; place bagged materials on pallets under cover; confine the perimeter of stockpiles to prevent runoff into Channel Islands Harbor waters or storm drains; and place stockpiles on plastic sheeting.
18. Spill Prevention and Control: The Contractor shall: train all employees in spill prevention and control; hold regular safety meetings; store and stockpile materials per specified BMP practices; and designate responsible individuals for enforcement.
19. Solid Waste Management: The Contractor shall: designate waste collection areas onsite; utilize water tight dumpsters; cover all waste containers; collect and dispose of trash daily; schedule regular pickups for waste haul out; remove solid waste promptly; clean up all spills immediately; and locate all waste storage areas away from drainage areas.
20. Sanitary Septic Waste Management: The Contractor shall: utilize temporary sanitary facilities at the job site that are maintained by a licensed service.

Construction Maintenance Responsibilities and Debris Removal

21. Contractor shall be responsible for carrying out the following during construction:

- a. No demolition or construction materials, debris, or waste shall be placed or stored where it may enter sensitive habitat, receiving waters or a storm drain, or be subject to wave, wind, rain or tidal erosion and dispersion.
- b. No demolition or construction equipment materials or activity shall be placed in or occur in any location that would result in impacts to ESHA, wetlands or their buffers.
- c. Any and all debris resulting from demolition or construction activities shall be removed from the project site within 24 hours of completion of the project.
- d. Demolition or construction debris and sediment shall be removed from work areas each day that demolition or construction occurs to prevent the accumulation of sediment and other debris that may be discharged into coastal waters.
- e. All trash and debris shall be disposed of in the proper trash and recycling receptacles at the end of every construction day.
- f. The contractor shall provide adequate disposal facilities for solid waste, including excess concrete, produced during demolition or construction.
- g. Debris shall be disposed of at a legal disposal site or recycled at a recycling facility. If the disposal site is located within the coastal zone, a separate Notice of Impeding Development shall be required before disposal shall take place.
- h. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil.
- i. Machinery and equipment shall be maintained and washed in confined areas specifically designed to control runoff. Thinners or solvents shall not be discharged into sanitary storm sewer systems.
- j. The discharge of any hazardous materials into any receiving waters shall be prohibited.
- k. Spill prevention and control measures shall be implemented to ensure the proper handling and storage of petroleum products and other construction materials. Measures shall include a designated fueling and vehicle maintenance area with appropriate berms and protection to prevent any spillage of gasoline or related petroleum products or contact with runoff. The area shall be located as far away from the receiving waters and storm drain inlets as possible.
- l. The least damaging method shall be used for the construction of pilings and any other activity that will disturb benthic sediments. The suspension of

- benthic sediments into the water column shall be minimized to the greatest extent practicable.
- m. Best Management Practices (BMPs) and Good Housekeeping Practices (GHPs) designed to prevent spillage and/or runoff of demolition or construction-related materials, and to contain sediment or contaminants associated with demolition or construction activity, shall be implemented prior to the onset of such activity.
 - n. All BMPs shall be maintained in a functional condition throughout the duration of the project. (Policy 5)
22. All trucks hauling graded or excavated material offsite, if any, shall be required to cover their loads as required by the California Vehicle Code Sec. 23114, with special attention to preventing spilling onto public streets.
23. All graded and excavated material, exposed soils areas, and active portions of the construction site, including unpaved onsite roadways, shall be treated to prevent fugitive dust. Treatment shall include, but not necessarily be limited to, periodic watering, application of environmentally safe soil stabilization materials, and/or roll-compaction as appropriate. Watering shall be done as often as necessary and reclaimed water shall be used whenever possible.
24. Lessee's contractor shall ensure that all construction equipment is maintained and tuned to meet applicable Environmental Protection Agency (EPA) and California Air Resources Board (CARB) emission requirements. At such time as new emission control devices or operational modifications are found to be effective, lessee's contractor shall immediately implement such devices or operational modifications on all construction equipment.
25. Lessee and/or lessee's contractor shall employ current Best Management Practices (BMPs) to protect against storm water runoff into storm drains and the harbor.
26. Construction staging areas shall be screened and protected to avoid material being blown or washed into the harbor. Screening material shall be approved by the Harbor Department. Lessee shall limit outdoor storage of materials to the locations shown and all construction material shall be stored within the staging area. Construction staging area shall remain locked and secure when not in use.
27. Hours of construction shall be limited to 7:00 a.m. to 7:00 p.m., Monday through Saturday, and not allowed on Sunday or holidays without prior approval of the Harbor Department.
28. Adequate trash facilities and pickups shall be provided to maintain the site free of debris, food waste, and to minimize scavenger birds.

Wesley Horn, Coastal Program Analyst
California Coastal Commission
SUBJECT: NOTICE OF IMPENDING DEVELOPMENT (NOID)
Repair and Replacement of Rock Revetment Around Peninsula
Channel Islands Harbor, Oxnard, California

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