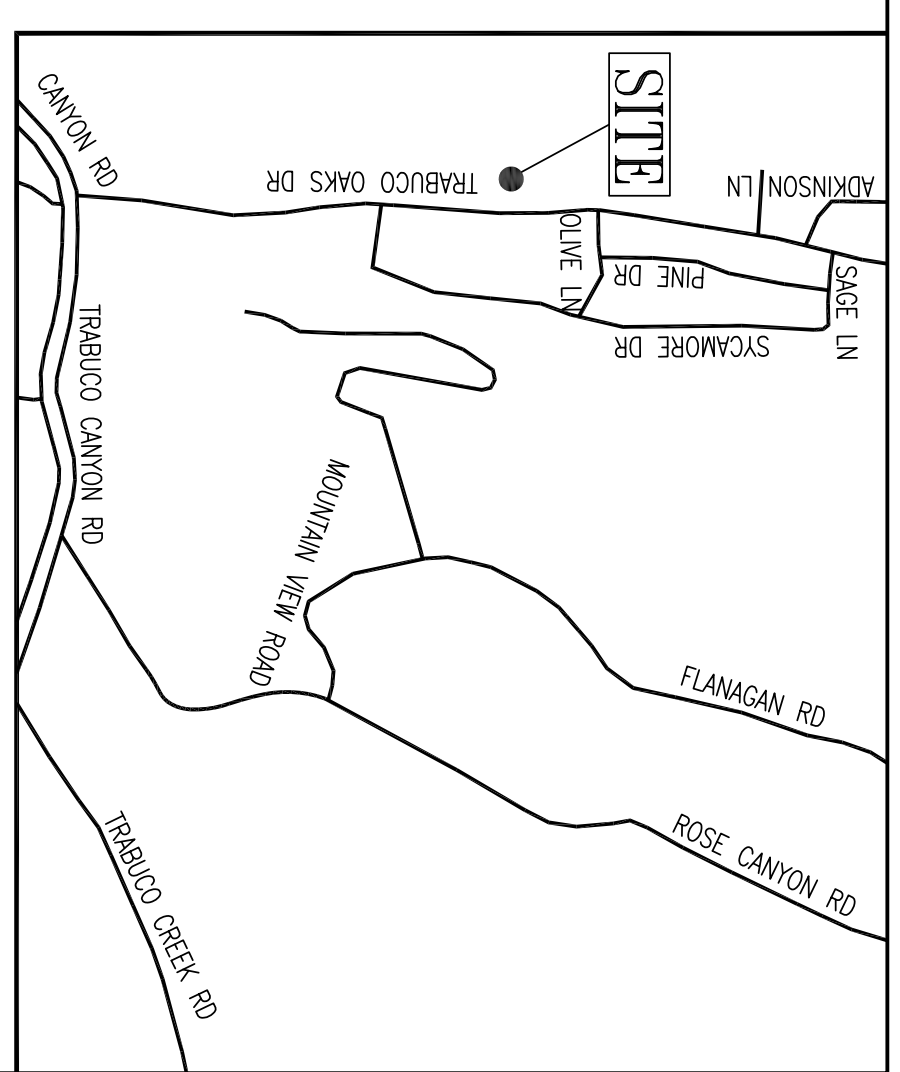


GRADING PLANS-NEW HOME

FOR THE

20601 TRABUCO OAKS DRIVE, TRABUCO CANYON, CA 92678



VICINITY MAP

N.T.S.

**SPECIAL NOTE: GRADING SHALL BE LIMITED TO 3000 CUBIC YARDS FOR CUT OR FILL ON INDIVIDUAL LOTS

ESTIMATED EARTHWORK QUANTITIES (C.Y.)

	CUT	FILL
RAIN OUT	950	---
RAIN FILL	---	100
OVEREXCAVATION	XX	XX
SHIMMAGE TOP OF OVEREXCAVATION	---	XX
IMPORT	---	XX
EXPORT	---	850
TOTAL	950	950

**SPECIAL NOTE: EARTHWORK CALCULATED FOR ESTIMATING PURPOSES ONLY. CONTRACTOR SOLELY RESPONSIBLE TO VERIFY ACCURACY OF ALL QUANTITIES.
APPROXIMATE AREA TO BE DISTURBED = 0.023 ACRES (1003 SQ.FT.)
APPROXIMATE AREA LOT 33 & W/2 LOT 31 = 10346.5 SQ.FT. OR 0.244 ACRES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) NOTES

- IN THE CASE OF EMERGENCY, CALL _____ AT WORK PHONE _____
- SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING SPROUTABLE CONTROLS TO THE MAXIMUM EXTENT PRACTICABLE.
- 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.
- APPROPRIATE BMP'S FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILLS SHALL BE IMPLEMENTED TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJACENT PROPERTIES BY WIND OR RUNOFF.
- RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITES UNLESS TREATED TO REDUCE OR REMOVE SEDIMENT AND OTHER POLLUTANTS.
- 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.
- AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION GERSRS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.
- CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT AN ANTICIPATED STORM DOES NOT CAUSE POLLUTION OF ADJACENT AREAS. BEST MANAGEMENT PRACTICES FOR PREVENTING POLLUTION OF ADJACENT AREAS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIODS AND WHERE THEY DO NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD, CAUSE OF THREATENED TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; OR CONTRA A HAZARDOUS SUBSTANCE IN A QUANTITY REASONABLE UNDER FEDERAL REGULATIONS 40 CFR PARTS 117 AND 926.
- POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOIL OR LIQUID CHEMICAL, FUELS, WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LINES, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; FERTILIZERS, VEHICLE/EQUIPMENT WASH WATER AND CONCRETE WASH WATER, CONCRETE, DETRITUS OR FLOATABLE WASTES, WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DREGASSING AND SUPERHOLICLORINATED POOLABLE WATER LINE FLUSHING.
- DURING CONSTRUCTION, PERMITTEE 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 REGULATIONS.
- 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.
- GRADED AREAS ON THE PERMITTED AREA PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE IS TO BE DIRECTED TOWARD DESIGNATED FACILITIES.
- THE PERMITTEE AND CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
- THE PERMITTEE AND CONTRACTOR SHALL INSPECT THE EROSION CONTROL WORK AND INSURE THAT THE WORK IS IN ACCORDANCE WITH THE APPROVED PLANS.
- THE PERMITTEE SHALL NOTIFY ALL GENERAL CONTRACTORS, SUBCONTRACTORS, MATERIAL SUPPLIERS, LESSSES, AND PROPERTY OWNERS; THAT DUMPING OF CHEMICALS INTO THE STORM DRAIN SYSTEM OR THE WATERSHED IS PROHIBITED.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE 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.
- 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%.
- 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.
- 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 ADJACENT PROPERTY BY WIND OR RUNOFF.

EROSION CONTROL NOTES

- IN THE CASE OF EMERGENCY, CALL ANN MCKEN AT WORK PHONE NUMBER (949)257-9822.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE 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.
- EROSION CONTROL DEVICES SHALL NOT BE MOVED OR MODIFIED WITHUOT THE APPROVAL OF THE BUILDING OFFICIAL.
- 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%.
- AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM STREETS, CHECK DRENCH AREAS ON THE PERMITTED AREA PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE IS TO BE DIRECTED TOWARD DESIGNATED FACILITIES.
- THE PERMITTEE AND CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
- THE PERMITTEE AND CONTRACTOR SHALL INSPECT THE EROSION CONTROL WORK AND INSURE THAT THE WORK IS IN ACCORDANCE WITH THE APPROVED PLANS.

ENVIRONMENTAL NOTES

- THE PERMITTEE SHALL NOTIFY ALL GENERAL CONTRACTORS, SUBCONTRACTORS, MATERIAL SUPPLIERS, LESSSES, AND PROPERTY OWNERS; THAT DUMPING OF CHEMICALS INTO THE STORM DRAIN SYSTEM OR THE WATERSHED IS PROHIBITED.
- PERMITTEE SHALL MAINTAIN CONSTRUCTION SITE IN SUCH A CONDITION THAT AN ANTICIPATED STORM DOES NOT CAUSE POLLUTION OF ADJACENT AREAS. BEST MANAGEMENT PRACTICES FOR PREVENTING POLLUTION OF ADJACENT AREAS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIODS AND WHERE THEY DO NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD, CAUSE OF THREATENED TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; OR CONTRA A HAZARDOUS SUBSTANCE IN A QUANTITY REASONABLE UNDER FEDERAL REGULATIONS 40 CFR PARTS 117 AND 926.
- 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.
- SPECIAL NOTE: SURVEY MONUMENTS SHALL BE PRESERVED AND REFERENCED BEFORE CONSTRUCTION AND REPLACED AFTER CONSTRUCTION PURSUANT TO SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE.

PROJECT INFORMATION

SITE ADDRESS:
20601 TRABUCO OAKS DRIVE,
TRABUCO CANYON, CA 92678

OWNER:
ALEXANDER & SHELINA TOUNOURANOV
426 E. 30TH STREET
TUCSON, ARIZONA 85713
(520) 400-9008 (A)
(520) 909-0869 (S)

ARCHITECT:
JOHN A. SNAIT, ARCHITECT
2285 S. 200TH ST
TUCSON, ARIZONA 85710
(949) 235-4847
EMAIL: FREIN@NDS9@ATTNLINK.NET

CIVIL ENGINEER/SUPERVISOR:

PETER & ASSOCIATES
1519 CALLE VALLE, SAN CLEMENTE, CA 92672
PHONE: (949)482-3735
FAX: (949)482-1891

PETER & ASSOCIATES
1519 CALLE VALLE PHM, G.E.
SAN CLEMENTE, CA 92672
PHONE: (949)482-3735
FAX: (949)482-1891

LEGAL DESCRIPTION & ACCESSORS' PARCEL NUMBER (APN):

LOT 33 AND NORTH 1/2 OF LOT 31 OF TRACT 926 IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, FILED IN BOOK 29, PAGES 20-21 INCLUSIVE OF MISCELLANEOUS MAPS COUNTY OF ORANGE, CA.
APN: 842-102-06

BASE OF BEARINGS:

CENTRIE OF TRABUCO OAKS DRIVE BEING N06°57'07"E PER RECORD OF SURVEY 2014-1042

BENCHMARK (AS PROVIDED BY COASTAL LAND SOLUTIONS, INC. ON THE TOPOGRAHICAL SURVEY)

ORANGE COUNTY BENCH MARK: 3W-61-90
ELEVATION = 995.132 (NAVD 89) LEVELLED 1990

SITE DATA (SQUARE FOOTAGE)

TOTAL AREA: 10,646.5 SQ.FT.
DISTURBED AREA: 1003 SQ.FT.
IMPERVIOUS AREA: 1003 SQ.FT. (9.42%)
PERVIOUS AREA: 10,646.5 SQ.FT. (100%)
IMPERVIOUS AREA: PROPOSED CONDITIONS: 1003 SQ.FT. (9.42%)
PERVIOUS AREA: PROPOSED CONDITIONS: 10,646.5 SQ.FT. (9.42%)

SCOPE OF PROPOSED IMPROVEMENTS

NEW HOUSE AND GARAGE/DRAWING.

OSHA NOTE:

THERE SHALL BE NO TRENCHES OR EXCAVATIONS 5 FEET OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND, OR ORIGIN PERMIT FROM THE STATE OF CALIFORNIA, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (OSHA/OSHA). THIS PERMIT AND ANY OTHER SAFETY PERMIT SHALL BE OBTAINED PRIOR TO COMMENCE OF ANY WORK. CONTACT OSHA AT 714-598-4451 FOR ADDITIONAL INFORMATION.

TABLE OF CONTENTS

- C-1 TITLE SHEET
- C-2 PRECISE GRADING PLAN
- C-3 SECTIONS
- C-4 SECTIONS
- C-5 SECTIONS
- C-6 SECTIONS
- BMP'S & EROSION CONTROL PLAN

GRADING NOTES:

- ALL WORK SHALL BE IN ACCORDANCE WITH THE GRADING CODE OF THE COUNTY OF ORANGE AND ANY SPECIAL REQUIREMENTS OF THE PERMIT. A COPY OF THE GRADING CODE AND MANUAL SHALL BE RETAINED ON THE JOB SITE WHILE WORK IS IN PROGRESS. THE GRADING CODE AND MANUAL SHALL ALSO BE RETAINED ON THE SITE.
- GRADING SHALL NOT BE STARTED WITHOUT FIRST NOTIFYING THE DISTRICT GRADING INSPECTOR. A PRE-GRADING MEETING ON THE SITE IS REQUIRED BEFORE START OF GRADING WITH THE FOLLOWING ENGINEERING GEOLIST, DISTRICT GRADING INSPECTOR AND WHEN REQUIRED THE ARCHITECT, GEOLOGIST AND PALEONTOLOGIST. THE REQUIRED INSPECTIONS FOR GRADING WILL BE EXPLAINED AT THIS MEETING.
- ISSUANCE OF A GRADING PERMIT DOES NOT ELIMINATE THE NEED FOR PERMITS FROM OTHER AGENCIES WITH REGULATORY RESPONSIBILITIES FOR CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE WORK AUTHORIZED ON THIS PLAN.
- THE GRADING PERMIT AND AN APPROVED COPY OF THE GRADING PLAN SHALL BE ON THE PERMITTED SITE WHILE WORK IS IN PROGRESS.
- PRELIMINARY SOIL AND GEOLOGY REPORTS AND ALL SUBSEQUENT REPORTS AS APPROVED BY CIVIL ENGINEER AND ENGINEERING GEOLIST SHALL BE CONSIDERED A PART OF THE APPROVED GRADING PLAN.
- THE SOIL ENGINEER AND ENGINEERING GEOLIST SHALL PERFORM SUFFICIENT INSPECTIONS AND SPECIFICATIONS AND THE CODE WITHIN THEIR PRACTICE.
- THE CIVIL ENGINEER SHALL BE AVAILABLE DURING GRADING TO VERIFY COMPLIANCE WITH THE PLANS, SPECIFICATIONS, CODE AND ANY SPECIAL CONDITIONS OF THE PERMIT WITH HIS PREVIEW.
- THE SOIL ENGINEER AND ENGINEERING GEOLIST SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR AREAS OF ADVERSE STABILITY AND SUBSTRANS WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.
- SUBIRRAIN OUTLETS SHALL BE COMPLETED AT THE BEGINNING OF THE SUBIRRAIN CONSTRUCTION.
- THE EXACT LOCATION OF THE SUBIRRANS SHALL BE SURVEYED IN THE FIELD FOR LINE/GRADE AND SHOWN ON AS-GRADED PLANS.
- AREAS TO RECEIVE FILL SHALL BE PROPERLY PREPARED AND APPROVED IN WRITING BY THE SOIL ENGINEER AND THE BUILDING OFFICIAL PRIOR TO PLACING FILL.
- FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL PER OCEW STANDARD PLAN NO. 1322.
- ALL EXISTING FILLS SHALL BE APPROVED BY THE BUILDING OFFICIAL OR REMOVED PRIOR TO PLACING ADDITIONAL FILLS.
- FILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM OF 90% RELATIVE COMPACTION. AGGREGATE BASE FOR ASPHALTIC AREAS SHALL BE COMPACTED TO A MINIMUM OF 98% RELATIVE COMPACTION. ALL EXISTING FILLS SHALL BE BENCHED TO A MINIMUM OF 70% OR APPROVED EQUIPMENT AND FIELD DENSITY BY UNIFORM BUILDING CODE STANDARD NO. 70-2 OR APPROVED EQUIPMENT.
- CUT AND FILL SLOPES SHALL BE NO STEEPER THAN 2-FOOT HORIZONTAL TO 1-FOOT VERTICAL (2:1) EXCEPT WHERE SPECIFICALLY APPROVED OTHERWISE.
- ALL CUT SLOPES SHALL BE INVESTIGATED BOTH DURING AND AFTER GRADING BY THE ENGINEERING GEOLIST TO DETERMINE IF ANY SLIPE STABILITY PROBLEMS EXIST. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS OR POTENTIAL GEOLOGICAL HAZARDS, THE ENGINEERING GEOLIST SHALL SUBMIT RECOMMENDED TREATMENT TO THE BUILDING OFFICIAL FOR APPROVAL.
- WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY, THE ENGINEERING GEOLIST SHALL SUBMIT RECOMMENDED TREATMENT TO THE BUILDING OFFICIAL FOR APPROVAL.
- THE ENGINEERING GEOLIST AND SOIL ENGINEER SHALL CONDUCT DESIGN, LOCATIONS AND CALCULATIONS AND SOIL CERTIFY TO THE STABILITY OF THE SLOPE AND ADVANCE THE STRUCTURES UPON COMPLETION.
- WHEN CUT PAIS ARE BROUGHT TO NEAR GRADE, THE ENGINEERING GEOLIST SHALL BE RESPONSIBLE FOR BUTTRESSING AND PROTECTIVE MEASURES TO PREVENT EROSION. TRANSMIT WATER, IF CONSIDERED NECESSARY BY THE ENGINEERING GEOLIST AND SOIL ENGINEER, A COMPACTED FILL BLANKET WILL BE PLACED.
- ALL TRENCH BACKFILL SHALL BE TESTED AND APPROVED BY THE SOIL ENGINEER PER THE GRADING CODE.
- ANY EXISTING IRRIGATION LINES AND SYSTEMS SHALL BE REMOVED OR COUSHED IN PLACE AND APPROVED BY THE BUILDING OFFICIAL AND SOIL ENGINEER.
- ANY EXISTING WATER WELLS SHALL BE ABANDONED IN COMPLIANCE WITH THE SPECIFICATIONS REQUIRED BY ORANGE COUNTY, HEALTH CARE AGENCIES, AND DIVISION OF ENVIRONMENTAL HEALTH.
- ANY EXISTING CESSPOOLS AND SEPTIC TANKS SHALL BE ABANDONED IN COMPLIANCE WITH THE UNIFORM PLUMBING CODE TO THE APPROVAL OF OCEW/BUILDING INSPECTION.
- STODDPLING OF EXCESS MATERIAL SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO EXCAVATION.
- EXPORT SOIL MUST BE TRANSPORTED TO A LEGAL DUMP OR TO A PERMITTED SITE APPROVED BY THE DISTRICT GRADING INSPECTOR.
- THE PERMITTEE SHALL COMPLY WITH THE GRADING CODE REQUIREMENTS FOR HAUL ROUTES WHEN AN EXCESS OF 5000 CUBIC YARDS OF EARTH IS TRANSPORTED TO OR FROM A LAND PERMITTED SITE ON PUBLIC HIGHWAYS.
- THE PERMITTEE IS RESPONSIBLE FOR DUST CONTROL MEASURES.
- THE PERMITTEE SHALL GIVE REASONABLE NOTICE TO THE OWNER OF ADJACING LANDS AND BUILDINGS PRIOR TO BEGINNING EXCAVATIONS WHICH MAY AFFECT THE LATERAL AND VERTICAL SUPPORT OF THE ADJACING PROPERTY. THE NOTICE SHALL STATE THE INTENDED EXCAVATION, THE LOCATION AND CALCULATIONS AND SOIL CERTIFY TO THE STABILITY OF THE EXCAVATION. THE EXCAVATION SHALL BE COMPLETED WITHIN THE PERMITTED PERIOD OF TIME. THE PERMITTEE SHALL BE RESPONSIBLE FOR PROTECTING THE ADJACING PROPERTY TO PREVENT HIS STRUCTURE, IF HE SO DESIRES, UNLESS OTHERWISE PROTECTED BY LAW.
- ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ON-SITE SOILS SHALL BE CONSTRUCTED WITH TYPE V CEMENT UNLESS DEEMED UNNECESSARY BY SOLUBLE SULFATE-CONTENT TESTS CONDUCTED BY THE SOIL ENGINEER.
- SLOPES EXCEEDING 5 FEET IN HEIGHT SHALL BE PLANTED WITH AN APPROVED PLANT MATERIAL. IN ADDITION, SLOPES EXCEEDING 15 FEET IN HEIGHT SHALL BE PROVIDED WITH AN APPROVED IRRIGATION SYSTEM UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL.
- ALL EXISTING DRAINAGE COURSES THROUGH THIS SITE SHALL REMAIN OPEN UNTIL THE PERMITTED PERIOD OF TIME. STORMWATER ARE APPROVED AND TOLERANT. HOWEVER, IN ANY NATURAL DRAINAGE PATTERNS.
- SAFETY FACILITIES SHALL BE MAINTAINED ON THE SITE.

REVISION	DESCRIPTION	APPROVED	DATE	SCALE:
				N/A
				ROAD FILE NO. 19E190111
				PROJECT NO. 19E19011

PREPARED BY:	CHECKED BY:	DATE:
PETER & ASSOCIATES	PETER & ASSOCIATES	06/10/2012
CIVIL ENGINEER	LICENSE NO.	EXP. DATE

LEGAL:
LOT 33 AND N 1/2 OF LOT 31 OF TRACT 926

A.P. NUMBER:
842-102-06

PLANS PREPARED BY:
PETER and ASSOCIATES ENGINEERS
SURVEYORS & GEOLOGISTS, INC.
WWW.PETERASSOC.COM
1519 CALLE VALLE, SAN CLEMENTE, CA 92672
Tel: (949) 492-3735 Fax: (949) 492-1891

TITLE SHEET
20601 TRABUCO OAKS DRIVE
TRABUCO CANYON, CA 92679

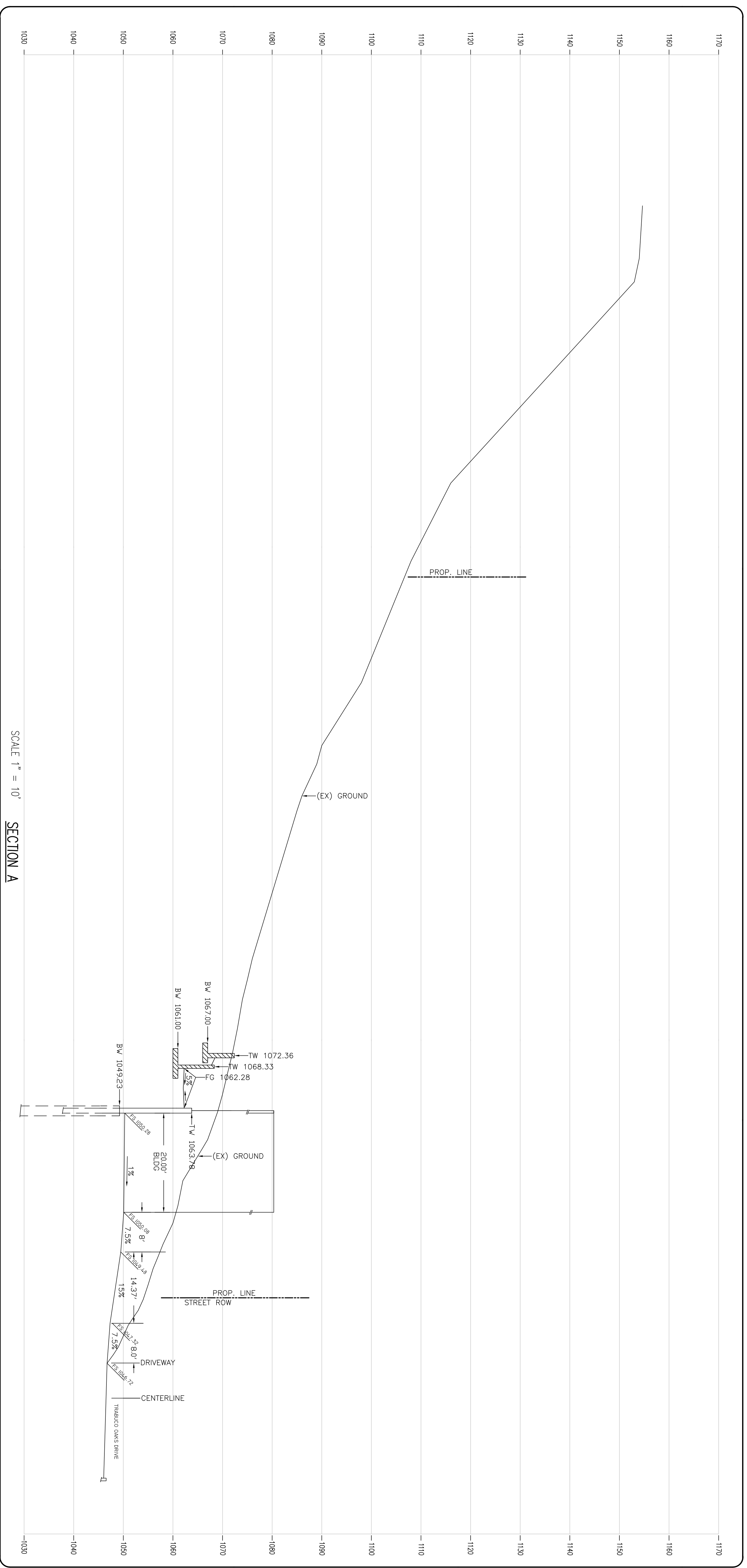
PREPARED BY OR UNDER DIRECTION OF:
STEPHEN B. PETER DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHEN B. PETER
No. 38623
Exp. 3/31/12
STATE OF CALIFORNIA
CIVIL

CONTACT 811 BEFORE YOU DIG
SAFE DIGGING PARTNER

SECTION 878 OF THE GOVERNMENT CODE
REQUIRES THAT THE PERMIT NUMBER
BE ISSUED BEFORE THE PERMIT TO EXCAVATE
WILL BE VALID. FOR YOUR DEALER'S ID NUMBER
CALL UNDERGROUND SERVICE ALERT

CB



SCALE 1" = 10' SECTION A

REVISION	DESCRIPTION	APPROVED	DATE	SCALE:	PREPARED BY:	DATE
	N/A			ACAD FILE NO. 19619011	STEPHEN B. PETER	03/12/1
				PROJECT NO. 19E3011	CIVIL ENGINEER	LICENSE NO. RCE 38623
						EXP. DATE

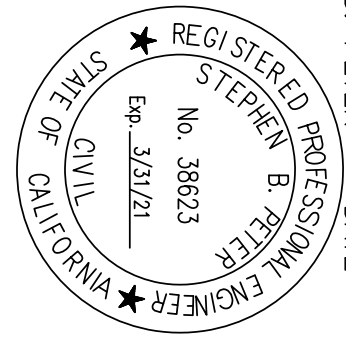
BENCHMARK
OCSBM: 3M-61-90
ELEVATION = 993.132
NAVD 88/DATUM

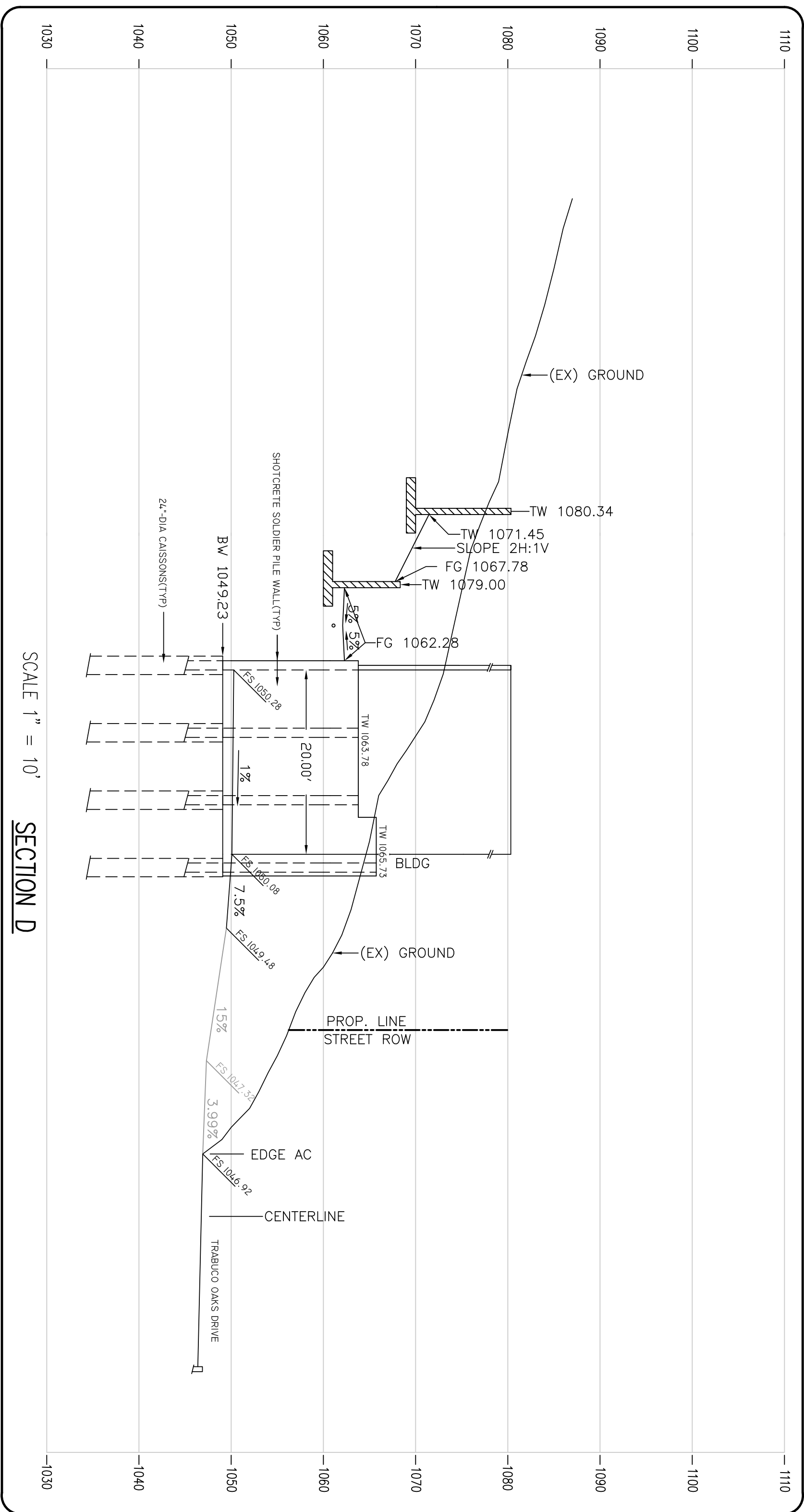
LEGAL
A.P. NUMBER:
842-102-06

PLANS PREPARED BY:
PETER and ASSOCIATES
ENGINEERS & SURVEYORS, INC.
WWW.PETERASSOC.COM
1519 CALLE VALE, SAN CLEMENTE, CA 92672
Tel: (949) 492-3735 Fax: (949) 492-1881

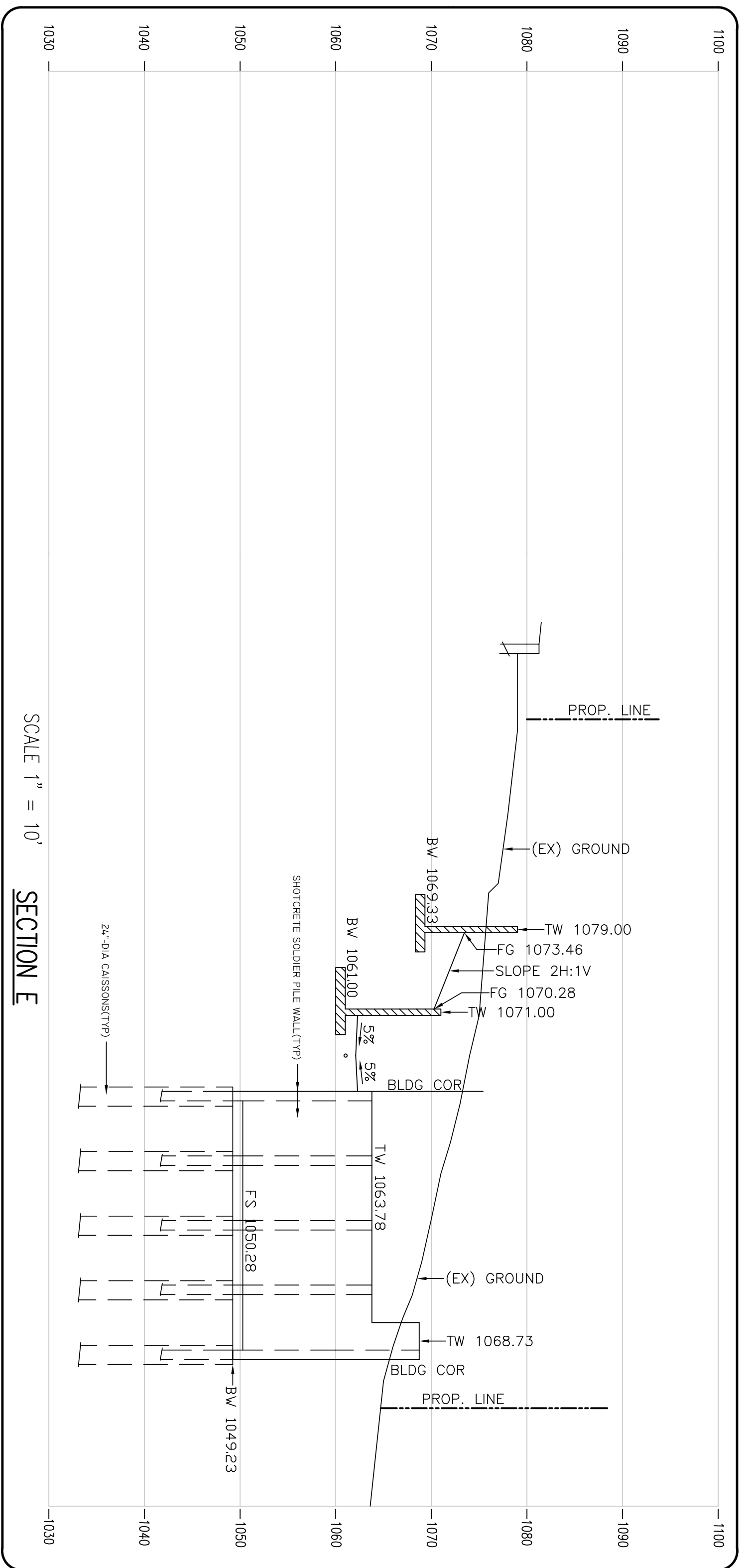
SECTIONS
20601 TRABUCO OAKS DRIVE
TRABUCO CANYON, CA 92679

PREPARED BY OR UNDER DIRECTION OF:
STEPHEN B. PETER DATE





SCALE 1" = 10'
SECTION D



SCALE 1" = 10'
SECTION E

PREPARED BY OR UNDER DIRECTION OF:
STEPHEN B. PETER DATE



REVISION	DESCRIPTION	APPROVED	DATE	SCALE
	N/A			
	ACAD FILE NO. 19E19011			
	PROJECT NO. 19E19011			

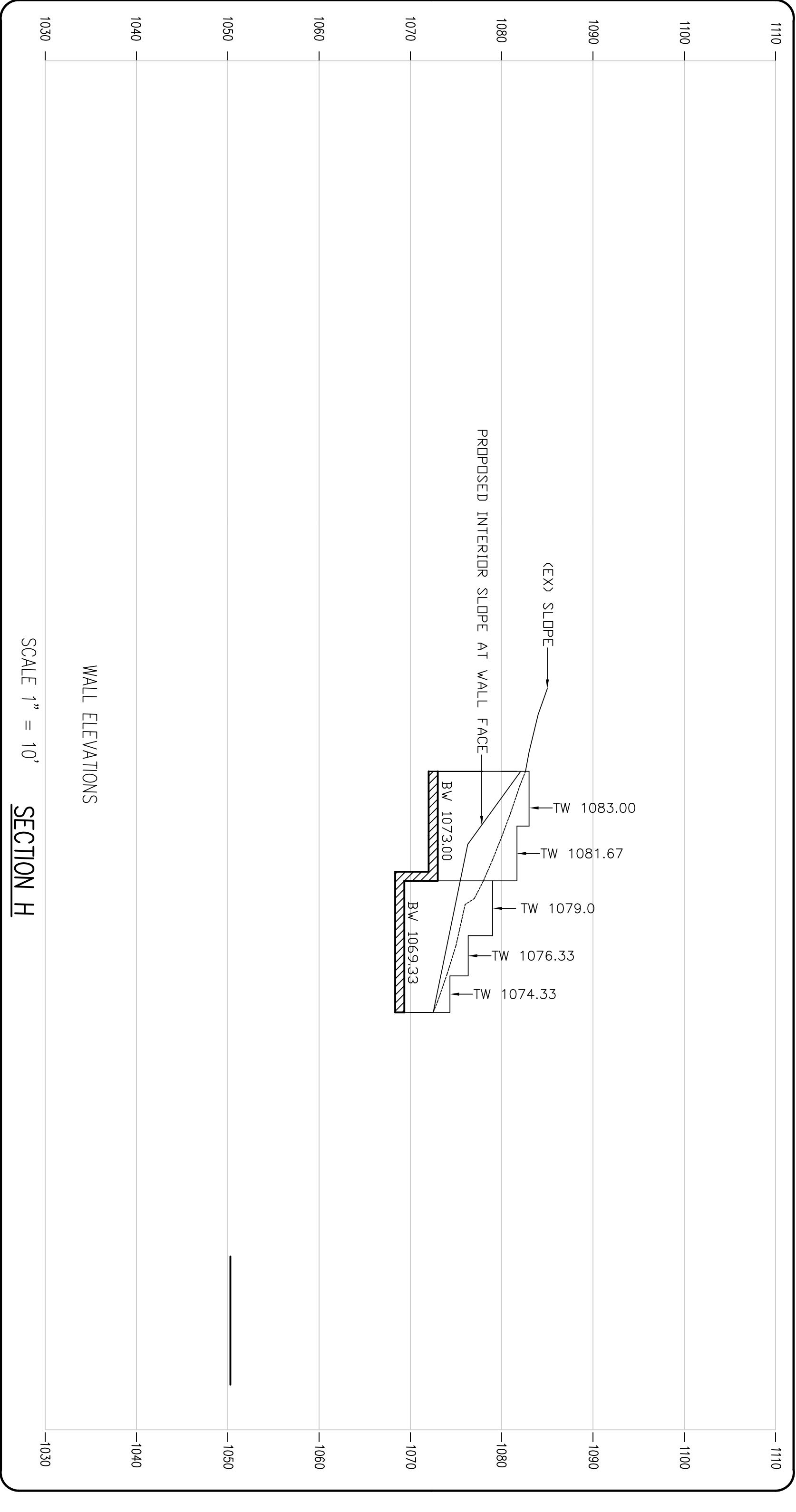
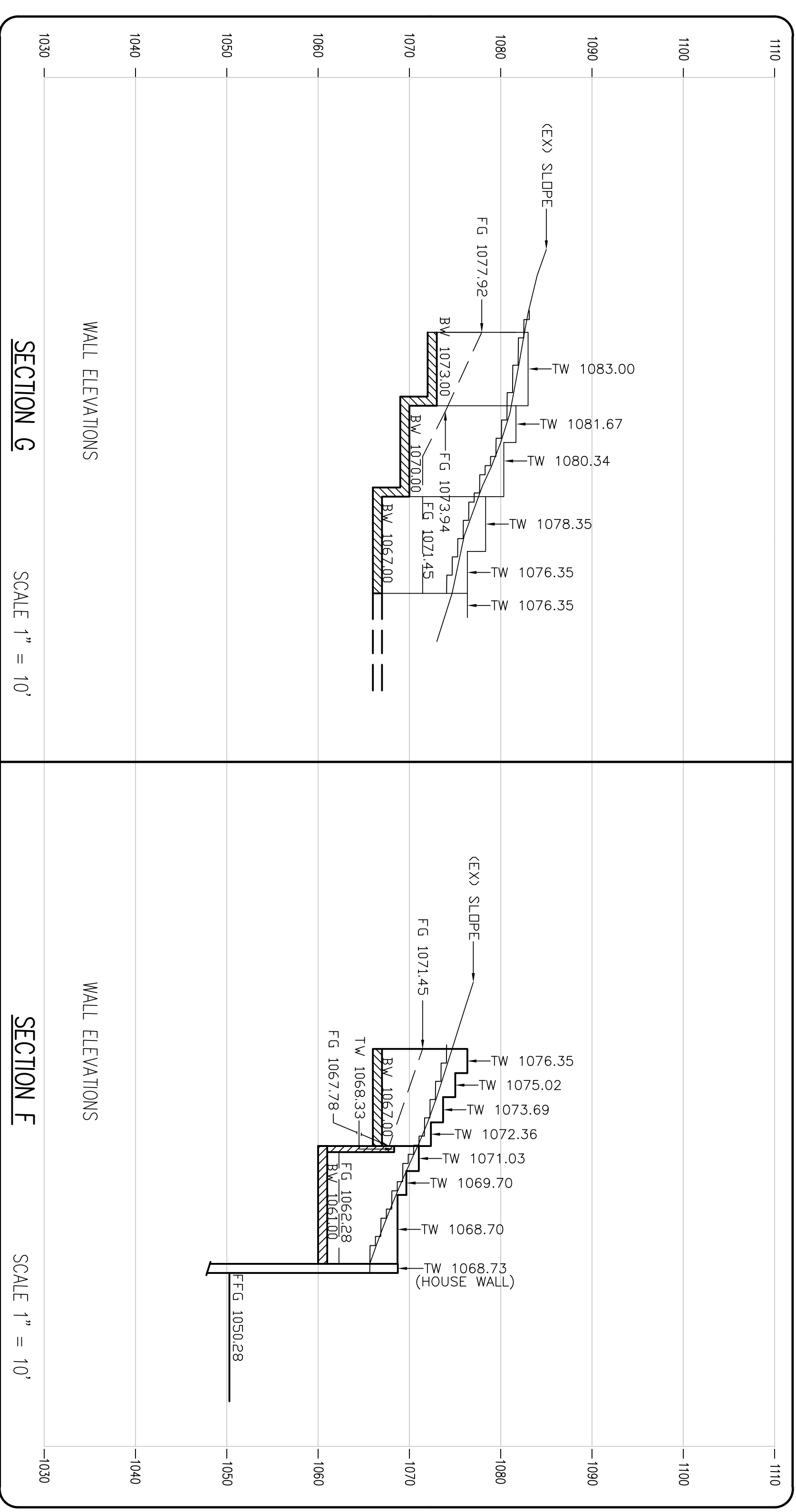
PREPARED BY:
STEPHEN B. PETER
CIVIL ENGINEER

BENCHMARK
OCSM - 3M-61-90
ELEVATION = 993.132
NAVD 88/DATUM

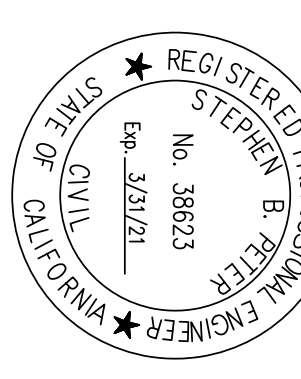
LEGAL
A.P. NUMBER:
842-102-06

PLANS PREPARED BY:
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ENGINEERS & SURVEYORS, INC.
GEOLOGISTS & SURVEYORS, INC.
WWW.PETERASSOC.COM
1519 CALLE VALLE SAN CLEMENTE, CA 92672
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SECTIONS
20601 TRABUCO OAKS DRIVE
TRABUCO CANYON, CA 92679



PREPARED BY OR UNDER DIRECTION OF:
 STEPHEN B. PETER DATE



REVISION	DESCRIPTION	APPROVED	DATE	SCALE	PREPARED BY	BENCHMARK	LEGAL	PLANS PREPARED BY:	SECTIONS
				N/A					
				ACAD FILE NO. 19E19011	STEPHEN B. PETER CIVIL ENGINEER	OCSBM: 3W-61-90 ELEVATION = 993.132 NAVD 88/DATUM	A.P. NUMBER: 842-102-06	ENGINEERS & GEOLOGISTS & SURVEYORS, INC.	20601 TRABUCO OAKS DRIVE TRABUCO CANYON, CA 92679
				PROJECT NO. 19E19011				WWW.PETERASSOC.COM	
								1519 CALE WALLE SAN CLEMENTE CA 92672	
								Tel: (949) 492-3735 Fax: (949) 492-1891	
									C-6

EROSION CONTROL NOTES:

DETAILS BELOW ARE PER THE "CALIFORNIA BEST MANAGEMENT PRACTICES HANDBOOK".

EROSION CONTROL NOTES:

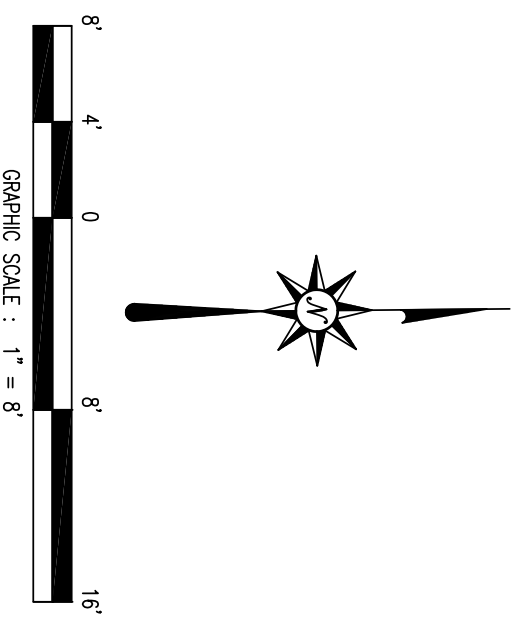
- A — INSTALL GRAVEL BAGS PER DETAIL SE-6.
- B — INSTALL SILT FENCE SE-1.



NO GAP BETWEEN BAGS
PLACE W/SCREEN BETWEEN UPPER BAGS

THE FOLLOWING GENERAL SITE MANAGEMENT BMP'S SHALL BE MAINTAINED/IMPLEMENTED ON PROJECT SITE AT ALL TIMES.

- EC-1: SCHEDULING
- EC-2: PRESERVATION OF EXISTING VEGETATION
- EC-4: HYDROSEEDING: EARTHGUARD ® 2000#/AC
- NS-1: WATER CONSERVATION PRACTICES
- NS-3: PAVING AND GRINDING OPERATION
- NS-6: ILLICIT CONNECTION/ILLEGAL DISCHARGE
- SE-1: SILT FENCE
- SE-5: FIBER ROLLS
- SE-6: GRAVEL BAG BERM
- SE-7: STREET SWEEPING AND VACUUMING
- SE-10: STORMDRAIN INLET PROTECTION
- WE-1: WIND EROSION CONTROL
- WM-1: MATERIAL DELIVERY & STORAGE
- WM-2: MATERIAL USE
- WM-3: STOCKPILE MANAGEMENT
- WM-4: SPILL PREVENTION AND CONTROL
- WM-5: SOLID WASTE MANAGEMENT
- WM-6: HAZARDOUS WASTE MANAGEMENT
- WM-8: CONCRETE WASTE MANAGEMENT
- WM-9: SANITARY/SEPTIC WASTE MANAGEMENT
- TC-1: STABILIZATION CONSTRUCTION ENTRANCE/EXIT



NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		

DATE	DATE
03/01/21	

LEGAL:
LOT 33 & N¹/₂ LOT 31 TR926
A.P. NUMBER:
842-102-06

BMPs AND EROSION CONTROL PLAN
20501 TRABUCO OAKS DRIVE
TRABUCO CANYON, CA 92679

JOB NO. 19E19011
SHEET C-7
PLOT DATE: 06-08-2020

PREPARED BY OR UNDER DIRECTION OF:
STEPHEN B. PETER DATE

PLANS PREPARED BY:
PETER and ASSOCIATES ENGINEERS & SURVEYORS, INC.
150 CALIF. VALE SW CORNER, CA 92721
TEL: (949) 492-2705 FAX: (949) 492-2881
WWW.PETERSSOC.COM INFO@PETERSSOC.COM

PREPARED BY:
SILVERADO

BENCHMARK:
OCSBM, 3W-61-90
ELEVATION = 995.132
NAVD 88 DATUM