

GENERAL NOTES

- CONSTRUCTION CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL(S) HARMLESS FROM ANY AND ALL LIABILITY, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL(S).
- ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH:
 - THE PROJECT PLANS AND SPECIFICATIONS
 - THE 2016 CALIFORNIA BUILDING STANDARDS CODE (CCR TITLE 24), WITH COUNTY OF MONTEREY ADOPTED AMENDMENTS
 - THE MAY, 2015 EDITION OF "STANDARD SPECIFICATIONS," STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS)
 - THE MAY, 2015 EDITION OF "STANDARD PLANS," STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS)
 - CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT STANDARDS (CAL-OSHA)
- CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL CURRENTLY APPLICABLE SAFETY LAWS OF ALL APPLICABLE JURISDICTIONAL BODIES. FOR INFORMATION REGARDING THIS PROVISION, THE CONTRACTOR IS DIRECTED TO CONTACT STATE OF CALIFORNIA, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH, SALINAS, CALIFORNIA AT PHONE (831) 443-3050.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND CONTROL OF TRAFFIC WITHIN THE CONSTRUCTION AREA.
- INTENTION OF GRADING: REPAIRS TO AN EXISTING DIRT ROAD
- THE EXISTENCE, LOCATION AND ELEVATION OF ANY UNDERGROUND FACILITIES ARE SHOWN ON THESE PLANS IN A GENERAL WAY ONLY. THE UTILITIES SHOWN ON THIS PLAN ARE A COMPILATION OF A FIELD SURVEYING INFORMATION AND RECORD DRAWING SEARCH. IT IS MANDATORY THAT THE CONTRACTOR EXPOSE AND VERIFY THE TOP AND BOTTOM OF ALL UTILITIES PRIOR TO ANY WORK ON SUBSEQUENTLY EFFECTED FACILITIES. IT IS THE RESPONSIBILITY AND DUTY OF THE CONTRACTOR TO MAKE THE FINAL DETERMINATION AS TO THE EXISTENCE, LOCATION AND ELEVATION OF ALL UTILITIES AND TO BRING ANY DISCREPANCY TO THE ATTENTION OF THE ARCHITECT.
- TOPOGRAPHY WAS PREPARED BY WHITSON ENGINEERS BASED ON A GROUND SURVEY PERFORMED ON FEBRUARY 28, 2018
- LOCAL BENCHMARK: SET 1/2" REBAR WITH PLASTIC CAP STAMPED "WHITSON CONTROL", DESIGNATED POINT 201. ELEVATION 1154.40' NAVD83, AS DETERMINED THROUGH STATIC GPS OBSERVATIONS AND THE USE OF THE NATIONAL GEODETIC SURVEY'S ONLINE POSITIONING USER SERVICE (OPUS).
- PROJECT IS NOT SUBJECT TO INUNDATION OR 100 YEAR FLOOD LEVELS.
- IF, DURING THE COURSE OF CONSTRUCTION, CULTURAL, ARCHAEOLOGICAL, HISTORICAL OR PALEONTOLOGICAL RESOURCES ARE UNCOVERED AT THE SITE (SURFACE OR SUBSURFACE RESOURCES) WORK SHALL BE HALTED IMMEDIATELY WITHIN 50 METERS (165 FEET) OF THE FIND UNTIL A QUALIFIED PROFESSIONAL ARCHAEOLOGIST CAN EVALUATE IT. MONTEREY COUNTY RMA - PLANNING AND A QUALIFIED ARCHAEOLOGIST (I.E., AN ARCHAEOLOGIST REGISTERED WITH THE REGISTER OF PROFESSIONAL ARCHAEOLOGISTS) SHALL BE IMMEDIATELY CONTACTED BY THE RESPONSIBLE INDIVIDUAL PRESENT ON-SITE. WHEN CONTACTED, THE PROJECT PLANNER AND THE ARCHAEOLOGIST SHALL IMMEDIATELY VISIT THE SITE TO DETERMINE THE EXTENT OF THE RESOURCES AND TO DEVELOP PROPER MITIGATION MEASURES REQUIRED FOR RECOVERY (RMA - PLANNING).
- ESTIMATED START: TBD , ESTIMATED COMPLETION: TBD.

GRADING AND DRAINAGE NOTES

- SITE GRADING AND EARTHWORK SHALL BE PERFORMED IN CONFORMANCE WITH THE PROJECT GEOTECHNICAL REPORT ENTITLED:
 GEOTECHNICAL REPORT AND COMPUTATIONS FOR THE PROPOSED MECHANICALLY STABILIZED EARTH WALL ROADWAY REPAIR, PALO CORONA PARK, CORONA ROAD, CARMEL, CA, BY GRICE ENGINEERING INC. DATED APRIL 2018, FILE NO. 6943-18.04.
- ESTIMATED EARTHWORK VOLUMES: C = 200 CY, F = 235 CY, IMPORT = 35 CY. THE QUANTITIES PRESENTED ABOVE ARE ESTIMATES FOR PERMITTING PURPOSES ONLY AND ARE NOT ADJUSTED FOR CHANGES IN VOLUME DUE TO CHANGES IN SOIL DENSITY, OVER-EXCAVATION AND DEMOLITION OF AC AND PCC PAVEMENTS ARE NOT INCLUDED IN THE ABOVE ESTIMATES. SITE SPOILS SUCH AS FROM UTILITY TRENCHING, FOUNDATIONS, ETC. ARE ALSO NOT INCLUDED IN ABOVE ESTIMATES. EARTHWORK VALUES SHOULD BE REEVALUATED DURING THE EARLY STAGES OF SITE GRADING. CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING FINAL EARTHWORK QUANTITIES TO HIS/HER SATISFACTION PRIOR TO START OF GRADING OPERATIONS.
- ONSITE GRADING AND EARTHWORK, SITE PREPARATION, EXCAVATION, TRENCHING AND COMPACTION SHALL BE OBSERVED AND TESTED BY THE GEOTECHNICAL ENGINEER DESIGNATED BY THE OWNER. ALL GRADING AND EARTHWORK SHALL BE DONE TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
- NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY GRADING OR FOUNDATION EXCAVATION.
- ALL SOILS UTILIZED FOR FILL PURPOSES SHALL BE APPROVED BY THE SOILS ENGINEER BEFORE COMMENCEMENT OF GRADING OPERATIONS. IMPORTED SOILS SHALL BE APPROVED BY THE SOILS ENGINEER BEFORE BEING BROUGHT TO THE SITE.
- EXISTING AGGREGATE BASE AND NATIVE SOILS ACCEPTED FOR USE AS ENGINEERED FILL MAY BE USED FOR FILL PURPOSES PROVIDED ALL AGGREGATES LARGER THAN 6 INCHES ARE REMOVED.
- IMPORTED SOIL USED AS GENERAL ENGINEERED FILL SHALL MEET THE FOLLOWING REQUIREMENTS:
 - SHALL BE APPROVED BY THE SOILS ENGINEER BEFORE COMMENCEMENT OF GRADING OPERATIONS.
 - SOIL SHALL BE CLASSIFIED AS: SAND, GROUP SYMBOL SW, SP, SC OR SM, AS GIVEN IN ASTM 2487-10.
 - THE PORTION FINER THAN THE NO. 200 SIEVE SHALL NOT CONTAIN ANY GREATLY EXPANSIVE CLAYS AND SHALL BE FREE FROM VEGETABLE MATTER AND OTHER DELETERIOUS MATERIALS.
- GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY CLEARING AND GRUBBING ANY EXISTING STRUCTURES AND DELETERIOUS MATERIALS FROM THE SITE, AND THE EARTHWORK REQUIRED TO SHAPE THE SITE TO RECEIVE THE INTENDED IMPROVEMENTS. ALL VEGETABLE MATTER, IRREDUCIBLE MATERIAL GREATER THAN 4 INCHES, AND OTHER DELETERIOUS MATERIALS SHALL BE REMOVED FROM THE AREAS IN WHICH GRADING IS TO BE DONE.
- TRENCH, WALL AND STRUCTURAL BACKFILL SHALL BE PLACED ONLY ON APPROVED SURFACES, AS ENGINEERED FILL, AND SHALL BE COMPACTED TO AT LEAST 95% RELATIVE COMPACTION.
- MATERIALS IMPORTED FOR WALL BACKFILL SHALL HAVE A SAND EQUIVALENT OF NO LOSS THAN 30 AND SHALL BE CLASSIFIED AS CLEAN SANDS AS DESIGNATED IN "THE CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES" (ASTM 2487-10).
- RELATIVE COMPACTION SHALL BE EXPRESSED AS A PERCENTAGE OF THE MAXIMUM DRY DENSITY OF THE MATERIAL AS DETERMINED BY ASTM TEST D-1557. IN-PLACE DENSITY TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM TESTS D-1556 AND D-2922.
- ENGINEERED FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 6" IN. EACH LAYER SHALL BE SPREAD EVENLY AND SHALL BE THOROUGHLY MIXED DURING THE SPREADING TO ENSURE UNIFORMITY OF MATERIAL IN EACH LAYER. FILL SHALL BE PLACED SUCH THAT CROSS FALL DOES NOT EXCEED 1 FOOT UNLESS OTHERWISE DIRECTED. EACH LAYER SHALL BE COMPACTED TO A RELATIVE COMPACTION OF NOT LESS THAN 90% OR AS SPECIFIED IN THE SOILS REPORT.
- CUT/FILL SLOPES SHALL BE NO STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2H:1V) UNLESS OTHERWISE APPROVED AT THE TIME OF GRADING BY THE GEOTECHNICAL ENGINEER.
- THE BOTTOMS OF KEYWAYS, BENCHES, AND SURFACES TO RECEIVE FILLS SHALL BE SCARIFIED AS DIRECTED BY THE GEOTECHNICAL ENGINEER, MOISTURE CONDITIONED, AND RECOMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY. THE GEOTECHNICAL ENGINEER SHALL INSPECT ALL SURFACES TO RECEIVE FILL PRIOR TO THE PLACEMENT OF ANY FILL.
- SURPLUS EXCAVATED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF THE SITE IN A LEGAL MANNER.
- ALL FILLS ON SLOPES GREATER THAN 1 VERTICAL TO 6 HORIZONTAL SHALL BE KEYED INTO THE ADJACENT SOIL. THE TOE OF ALL SLOPES SHOULD BE SUPPORTED BY A KEY CUT A MINIMUM OF 3 FEET INTO UNDISTURBED SOILS TO THE INSIDE OF THE FILLS TOE. THIS KEY SHOULD BE A MINIMUM OF 6 FEET IN WIDTH AND SLOPE AT NO LESS THAN 10% INTO THE SLOPE. IN ADDITION, AS THE FILL ADVANCES UP SLOPE BENCHES, 3 FEET ACROSS, SHOULD BE SCARIFIED INTO THE FILL/UNDISTURBED SOIL INTERFACE.
- WHEN WORK IS INTERRUPTED BY RAIN, FILL OPERATIONS SHALL NOT BE RESUMED UNTIL FIELD TEST BY THE SOILS ENGINEER INDICATE THAT THE MOISTURE CONTENT AND DENSITY OF THE FILL IS AS PREVIOUSLY SPECIFIED AND SOILS TO BE PLACED ARE IN SUITABLE CONDITION.
- IN THE EVENT THAT ANY UNUSUAL CONDITIONS ARE ENCOUNTERED DURING GRADING OPERATIONS WHICH ARE NOT COVERED BY THE SOIL INVESTIGATION OR SPECIFICATIONS, THE SOILS ENGINEER SHALL BE IMMEDIATELY NOTIFIED SUCH THAT ADDITIONAL RECOMMENDATIONS MAY BE MADE.

SITE ADDRESS & APN

PALO CORONA RANCH
 APN: 417-011-033

APN: 417-011-033

APPLICANT

MONTEREY PENINSULA REGIONAL PARK DISTRICT
 ATTN: CAINE CAMARILLO
 60 GARDEN CT #325
 MONTEREY, CA 93940

TEL. (831) 659-4488

GEOTECHNICAL ENGINEER

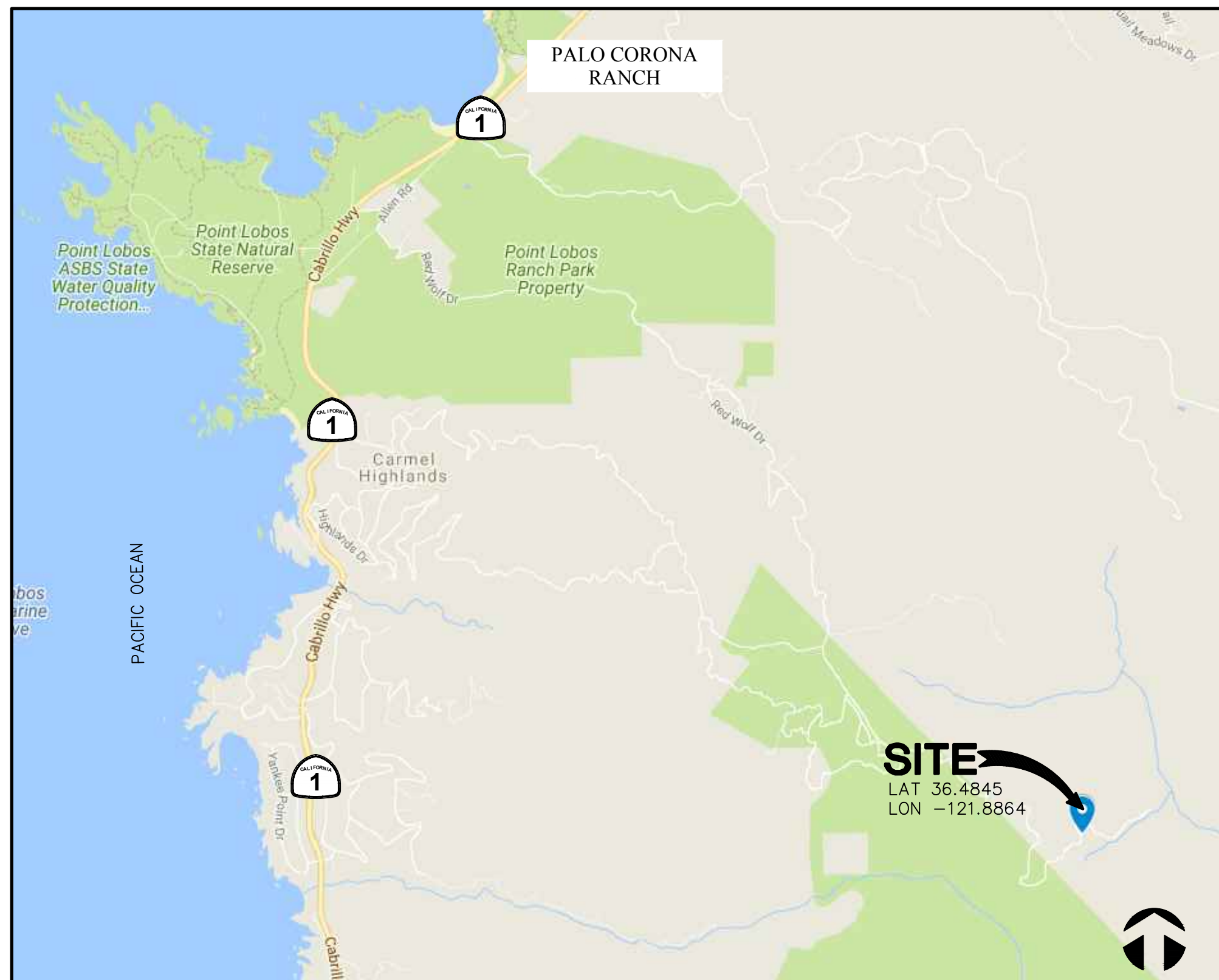
GRICE ENGINEERING INC.
 561A BRUNKEN AVENUE
 SALINAS, CA 93901

TEL. (831) 422-9619

CIVIL ENGINEER/SURVEYOR

WHITSON ENGINEERS
 6 HARRIS COURT
 MONTEREY, CA 93940

TEL. (831) 649-5225



VICINITY MAP

SCALE: NTS

SPECIAL TESTS AND INSPECTION SCHEDULE

THE FOLLOWING ITEMS SHALL BE INSPECTED. "SPECIAL INSPECTION" SHALL CONFORM TO 2016 CBC 1704.7. SPECIAL INSPECTION AGENCIES AND/OR INDIVIDUALS SHALL BE RETAINED BY THE OWNER AND APPROVED BY THE BUILDING OFFICIAL PRIOR TO ANY WORK. FOR MATERIAL TESTING REQUIREMENTS, SEE SPECIFICATIONS AND/OR GENERAL NOTES. TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE BUILDING OFFICIAL AND ENGINEER.

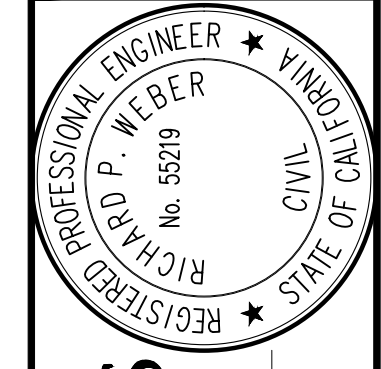
ITEM	REQ.	REMARKS	INSPECTOR NAME	START DATE	END DATE
FOUNDATION EXCAVATIONS	YES	BY SOIL ENGINEER / PERIODIC			
SUBGRADE /FINISH GRADE PREPARATION	YES	BY SOIL ENGINEER / PERIODIC			
CLASSIFICATION/TESTING FILL MATERIAL	YES	BY SOIL ENGINEER / PERIODIC			
OBSERVATION OF FILL MATERIAL/COMPACTION	YES	BY SOIL ENGINEER / CONTINUOUS			
FOUNDATION	YES	BY SOIL ENGINEER / PERIODIC VERIFICATION - MATERIALS BELOW FOOTING/ACHEIVE BEARING CAPACITY			
MASONRY & CONCRETE CONSTRUCTION	YES	TO BE DETERMINED / PERIODIC			
REINFORCING STEEL CONSTRUCTION	YES	TO BE DETERMINED / PERIODIC			

SOILS ENGINEER TO PROVIDE OBSERVATION DURING GRADING AND FOUNDATION PHASE OF CONSTRUCTION.



NO.	DATE	DESCRIPTION

DATE: 9/23/18
 SCALE: NA
 ENGR: NM
 JOB NO.: 377300



WHITSON ENGINEERS
 6 Harris Court - Monterey, CA 93940
 831 649-5225 • Fax 831 373-5065
 CIVIL ENGINEERING • LAND SURVEYING • PROJECT MANAGEMENT

PALO CORONA SLIDE REPAIR
 MONTEREY COUNTY CALIFORNIA
 COVER SHEET
 APN 417-011-033

SHEET **C0.1** OF 4



BIOLOGICAL RESOURCES PROTECTION NOTES

THE DISTRICT WILL PROVIDE A BIOLOGIST TO MONITOR CONSTRUCTION ACTIVITIES.

STAGING AND VEHICLE TURN-AROUND AREA

THE GOAL IS TO MINIMIZE COMPACTION AND DAMAGE TO THE COASTAL GRASSLAND AREA IN THE STAGING AND TURN-AROUND AREA.

1. LOCATE STOCKPILES AND EQUIPMENT IN THE FLAT AREA ON THE WEST SIDE OF THE RANCH ROAD, AS SHOWN ON THIS PLAN.
2. INSTALL SNOW FENCING AND INSTALL AND FIRMLY STAKE A FIBER ROLL ON THE SOUTH AND WEST SIDES OF THE STAGING AND VEHICLE TURN-AROUND AREA, TO DELINEATE THE STAGING AREA AND PREVENT MOVEMENT OF STOCKPILED MATERIALS OUT OF THE STAGING AREA.
3. CLEARLY DESIGNATE AREAS OF NO-ACCESS WITH APPROPRIATE SIGNAGE, PARTICULARLY ON THE EAST SIDE OF THE ROADWAY NEAR THE HISTORIC CHAVOTE HOMESTEAD SITE.

PROTECTED ACCESS CORRIDOR

THE GOAL IS TO AVOID DAMAGING SEACLIFF BUCKWHEAT PLANTS AND MINIMIZING POTENTIAL IMPACTS TO ADJOINING COASTAL SCRUB AND GRASSLAND HABITAT.

4. TO PROTECT SEACLIFF BUCKWHEAT PLANTS GROWING ALONG THE ROAD SHOULDER, ALL BUCKWHEAT PLANTS ON THE ROAD SHOULDER AND WITHIN 2- FEET OF THE BOTH UPHILL AND DOWN-SLOPE EDGES OF THE ROADBED WILL BE FLAGGED BY THE DISTRICT'S BIOLOGIST FOR PROTECTION. THIS INCLUDES ALL PLANTS ABOVE THE TOE OF THE ROADCUT, AS WELL AS BELOW THE ROADBED.
5. PROTECT FLAGGED SEACLIFF BUCKWHEAT PLANTS BY INSTALLING TWO 36"-LONG WOOD LATH WITH HIGH-VISIBILITY RIBBON ON THE ROADWAY SIDE OF THE PLANTS.
6. DO NOT GRADE, BLADE OR CLEAN UP THE ROAD SURFACE, INCLUDING THE COLLUVIAL MATERIAL, EXCEPT WHERE EXPRESSLY ALLOWED BY THE DISTRICT'S BIOLOGIST. THE BIOLOGIST MUST MONITOR ANY GRADING/BLADING WITHIN THE PROTECTED ACCESS CORRIDOR.
7. DO NOT SIDECAST GRADED MATERIALS.
8. INSTALL UP TO 20 SIGNS, MINIMUM 8.5" X 11", READING "SENSITIVE AREA / DRIVE IN CENTER OF ROAD" WHERE DIRECTED BY THE DISTRICT'S BIOLOGIST.

WORK AREA

THE GOAL IS TO MINIMIZE DAMAGE TO HABITAT AREAS IN THE WORK AREA AND STABILIZE THE REDWOOD CLUSTER IMMEDIATELY ABOVE THE LANDSLIDE.

HABITAT PROTECTION

9. THE WIDE ROAD SHOULDER ADJACENT TO THE LANDSLIDE WILL SERVE AS THE PRIMARY MATERIAL STOCKPILE AREA. ALL SOIL EXCAVATED FOR THE HILFIKER WALL MUST BE PLACED IN THE WIDE SHOULDER ADJACENT TO THE LANDSLIDE REPAIR SITE, OR TRANSPORTED TO THE STAGING AND VEHICLE TURN-AROUND AREA.
10. PLACE AND FIRMLY STAKE FIBER ROLLS AROUND STOCKPILE AND STAGING AREAS TO PREVENT THE DOWNHILL MOVEMENT OF ANY LOOSE MATERIAL.
11. DO NOT SIDECAST VEGETATIVE MATERIAL OR SOIL.
12. DO NOT DISTURB THE LANDSLIDE DEBRIS SLOPE OUTSIDE THE LIMITS OF WORK.

TREE PROTECTION

13. TREE BRANCHES HANGING OVER THE WORK SITE MAY BE TRIMMED IF PRE-APPROVED BY THE DISTRICT'S BIOLOGIST.
14. THE DISTRICT WILL PROVIDE A BIOLOGIST TO MONITOR EXCAVATION. IF REDWOOD TREE ROOTS ARE ENCOUNTERED, THE BIOLOGIST WILL DETERMINE IN THE FIELD WHETHER THE ROOTS WILL BE IMPACTED BY THE EXCAVATION AND WILL PROVIDE DIRECTION IF ANY ACTION IS REQUIRED TO STABILIZE THE TREES.
15. AVOID SEVERING REDWOOD ROOTS THAT MAY BE GROWING BELOW THE ROADWAY.
16. AVOID DAMAGING OR FURTHER EXPOSING THE REDWOOD TREE ROOTS THAT ARE ABOVE THE EXISTING ROADBED.
17. IF POSSIBLE, PROTECT THE TOE OF THE ROADCUT BELOW THE REDWOODS BY CONFINING THE WIDTH OF EXCAVATION TO THE MINIMUM REQUIRED TO INSTALL THE HILFIKER WALL.

EROSION CONTROL / RESTORATION

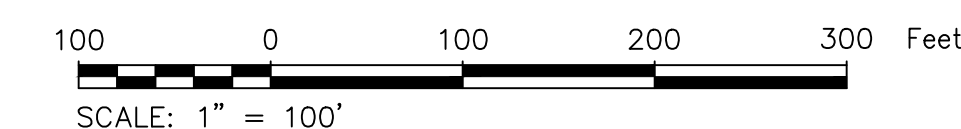
18. STOCKPILE CLEARED AND GRUBBED MATERIAL AND TOPSOIL, AND SPREAD OVER DISTURBED SOIL AREAS WHICH ARE 4H:1V OR FLATTER, WHERE DIRECTED BY THE ENGINEER, AFTER COMPLETION OF SOIL DISTURBING ACTIVITIES.
19. HAND SEED ALL SOIL AREAS DISTURBED BY CONSTRUCTION (WHICH INCLUDE THE WORK AREA, STAGING AND TURN-AROUND AREA) AND THE EXISTING DEBRIS SLOPE BELOW THE HILFIKER WALL (WHICH IS OUTSIDE THE WORK AREA) WITH 18 POUNDS PURE LIVE SEED PER ACRE STERILE BARLEY AND 12 POUNDS PER ACRE PURPLE NEEDLE GRASS (30 LBS. P.L.S. PER ACRE).
20. MULCH ALL DISTURBED SOIL AREAS WITH STERILE, WEED-FREE RICE STRAW AT A RATE OF 2,000 LBS/ACRE.

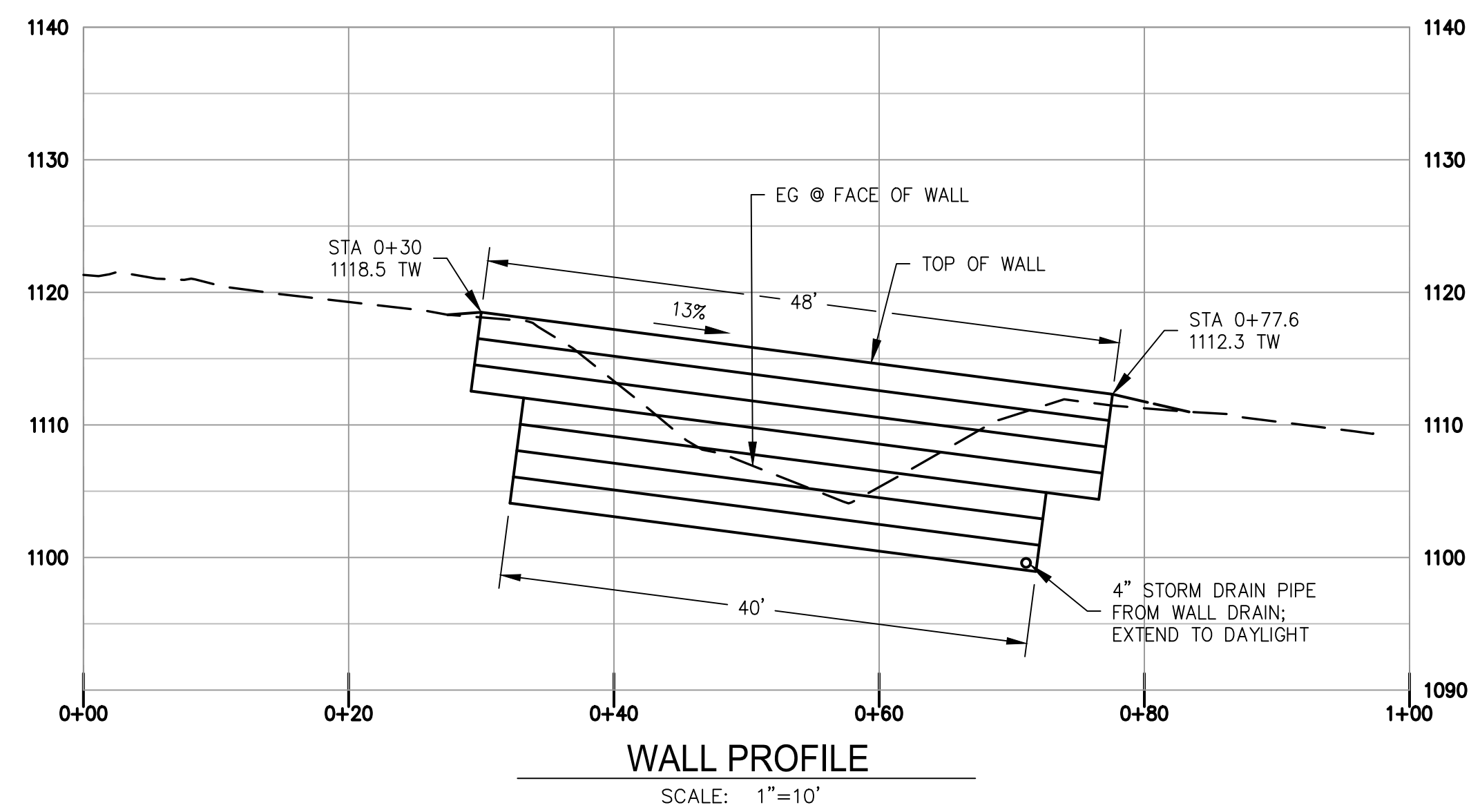
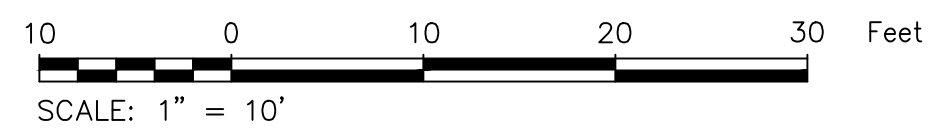
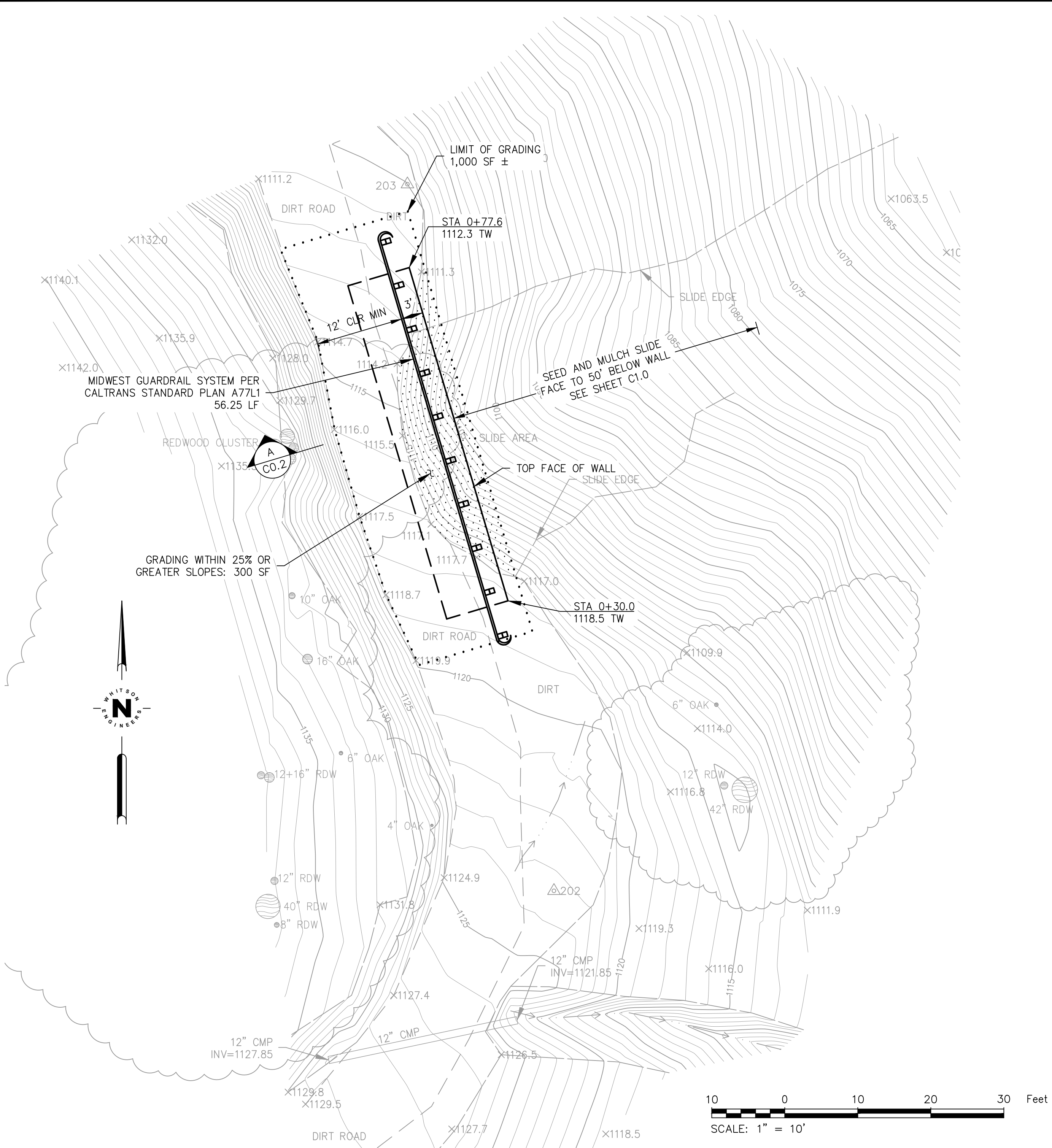
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WHITSON ENGINEERS
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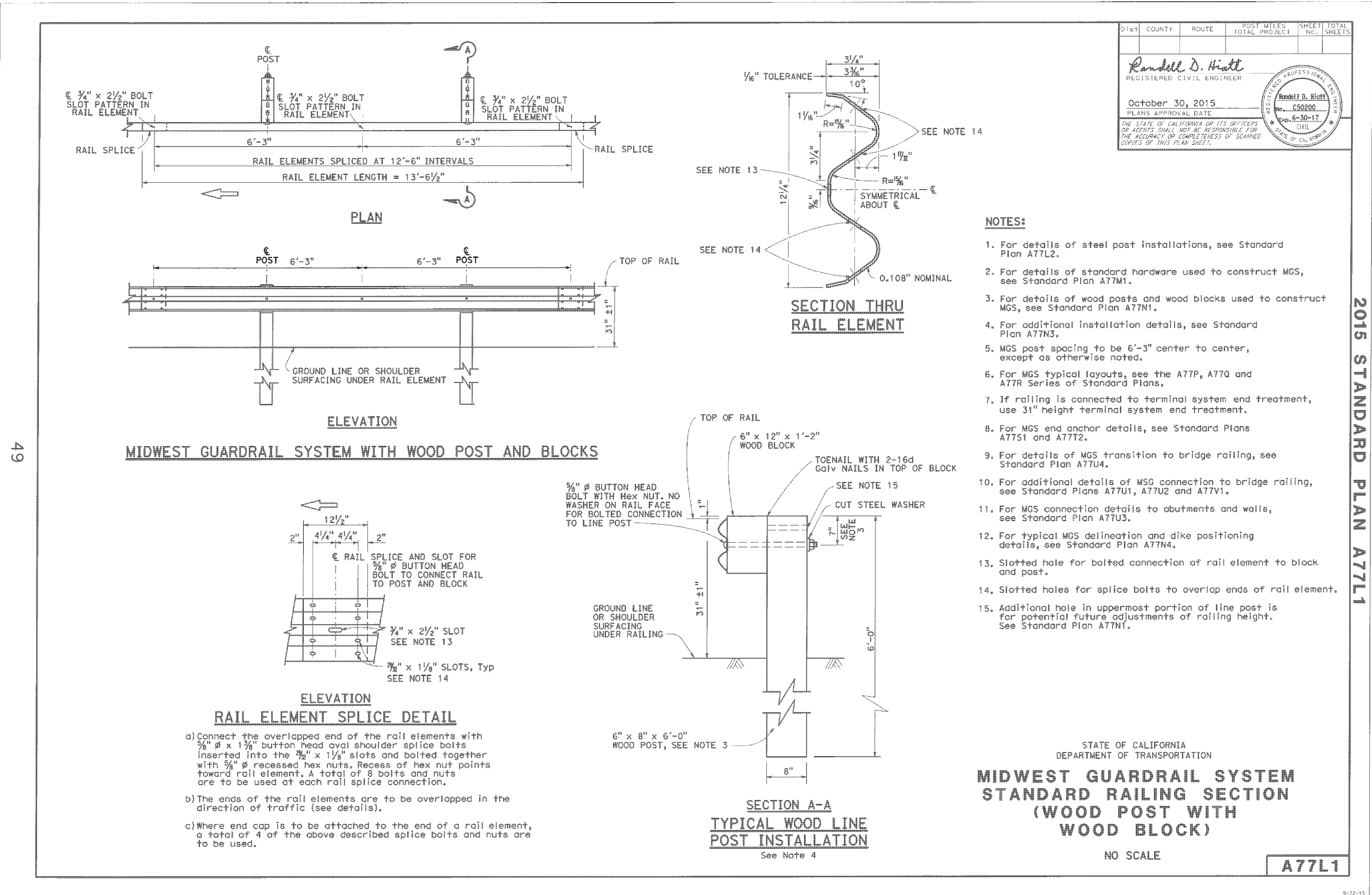
REGISTERED PROFESSIONAL ENGINEER
RICHARD P. WEBER
No. 85019
CIVIL
STATE OF CALIFORNIA

MONTEREY COUNTY CALIFORNIA
PALO CORONA SLIDE REPAIR
BIOLOGICAL RESOURCES PROTECTION
APN 417-011-033





WALL PROFILE
SCALE: 1"=10'



Dist	COUNTY	ROUTE	PROJ. MILES	SHEET TOTAL

October 30, 2015
 PLANS APPROVAL DATE
 RANDY L. BLITT
 REGISTERED CIVIL ENGINEER
 No. 63606
 STATE OF CALIFORNIA

- NOTES:**
- For details of steel post installations, see Standard Plan A77L2.
 - For details of standard hardware used to construct MGS, see Standard Plan A77M1.
 - For details of wood posts and wood blocks used to construct MGS, see Standard Plan A77N1.
 - For additional installation details, see Standard Plan A77N3.
 - MGS post spacing to be 6'-3" center to center, except as otherwise noted.
 - For MGS typical layouts, see the A77P, A77Q and A77R Series of Standard Plans.
 - If railing is connected to terminal system end treatment, use 31" height terminal system end treatment.
 - For MGS end anchor details, see Standard Plans A77S1 and A77T2.
 - For details of MGS transition to bridge railing, see Standard Plan A77U4.
 - For additional details of MGS connection to bridge railing, see Standard Plans A77U1, A77U2 and A77V1.
 - For MGS connection details to abutments and walls, see Standard Plan A77U3.
 - For typical MGS delineation and dike positioning details, see Standard Plan A77N4.
 - Slotted hole for bolted connection of rail element to block and post.
 - Slotted hole for bolted connection of rail element.
 - Additional hole in uppermost portion of line post is for potential future adjustments of railing height. See Standard Plan A77N1.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**MIDWEST GUARDRAIL SYSTEM
STANDARD RAILING SECTION
(WOOD POST WITH
WOOD BLOCK)**
NO SCALE

A77L1

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REVISIONS:	NO.	BY:	DATE:	DESCRIPTION:

DATE: 5/23/18
SCALE: 1"=10'
ENGR. NM
JOB NO. 3773.00

WHITSON ENGINEERS
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CIVIL ENGINEERING - LAND SURVEYING - PROJECT MANAGEMENT

CALIFORNIA
PALO CORONA SLIDE REPAIR
MONTEREY COUNTY
PLAN AND PROFILE

2015 STANDARD PLAN A77L1

SHEET
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OF 4

APN 417-011-033