

GENERAL GRADING NOTES

1. GRADING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE VENTURA COUNTY BUILDING CODE (VCBC) APPENDIX J - GRADING, LATEST EDITION AND VENTURA COUNTY PUBLIC WORKS AGENCY (VCPWA) GRADING PERMIT CONDITIONS.
2. THE GRADING PERMIT AND WORK SHOWN IN THESE PLANS IS VALID ONLY TO THE EXTENT OF THE VENTURA COUNTY BUILDING CODE APPENDIX J - GRADING. PERMITS OR PERMISSIONS THAT MAY BE REQUIRED BY OTHER REGULATORY AGENCIES OR INTERESTED PARTIES ARE THE RESPONSIBILITY OF THE PERMITTEE.
3. A PRE-CONSTRUCTION MEETING SHALL BE HELD AT THE SITE PRIOR TO ANY GRADING ACTIVITY OR LAND DISTURBANCES WITH THE FOLLOWING PARTIES PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, GEOTECHNICAL ENGINEERING PROFESSIONAL, GEOLOGICAL PROFESSIONAL, VCPWA INSPECTOR, AND OTHER JURISDICTIONAL AGENCIES WHEN REQUIRED.
4. THE PERMITTEE SHALL BE RESPONSIBLE FOR DETERMINING THE EXISTENCE AND LOCATION OF ANY EXISTING UNDERGROUND FACILITIES.
5. AN EXCAVATOR PLANNING TO CONDUCT AN EXCAVATION SHALL NOTIFY UNDERGROUND SERVICE ALERT--SOUTHERN CALIFORNIA (TOLL FREE AT 811) AT LEAST TWO WORKING DAYS, AND NOT MORE THAN 14 CALENDAR DAYS, BEFORE BEGINNING THAT EXCAVATION. THE EXCAVATOR SHALL OBTAIN A DIGALERT TICKET REQUESTING THE UTILITY OWNERS TO MARK OR OTHERWISE INDICATE THE LOCATION OF THEIR SUBSURFACE FACILITIES AND SHALL RENEW TICKET(S) AS REQUIRED TO MAINTAIN VALIDITY THROUGHOUT THE DURATION OF GRADING ACTIVITIES. THE EXCAVATOR SHALL DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES, INCLUDING ALL SERVICE CONNECTIONS, WHICH HAVE BEEN MARKED BY THE RESPECTIVE OWNERS AND WHICH MAY AFFECT OR BE AFFECTED BY ITS OPERATIONS. THE EXCAVATOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL UTILITIES AND STRUCTURES FOUND AT THE SITE. (REF: CALIFORNIA GOVERNMENT CODE SECTION 4216.)
6. HEAVY EQUIPMENT NOISE SHALL NOT BEGIN UNTIL AFTER 7:00 A.M AND SHALL END BY 7:00 P.M. SAMEDAY. NO WORK BEYOND 4:30 PM UNLESS APPROVED BY VCPWA.
7. TOTAL TRUCK ROUND TRIPS FOR THE GRADING OPERATIONS CARRYING EARTH MATERIALS SHALL NOT EXCEED 5 TRUCKS PER HOUR OR OCCUR DURING PEAK TRAFFIC HOURS - UNLESS AUTHORIZED TO DO SO UNDER AN APPROVED DISCRETIONARY GRADING PERMIT AND APPROVAL BY VCPWA GRADING INSPECTOR. TRUCK TRAFFIC SHALL NOT CREATE A SAFETY HAZARD FOR INGRESS OR EGRESS ROUTES SUCH AS TRUCK STAGING, CLOGGING TURN POCKETS, OR LINE OF SIGHT.
8. NO GRADING ACTIVITY SHALL OCCUR IN ANY WETLAND, BLUE-LINE STREAM, RED-LINE CHANNEL, OR FLOODPLAIN WITHOUT THE PROPER PERMITS & PERMISSION FROM THE VCPWA & VENTURA COUNTY RESOURCE MANAGEMENT AGENCY (RMA), OR OTHER AUTHORITIES HAVING JURISDICTION.
9. RETAINING WALLS, BRIDGES, AND OTHER STRUCTURES REQUIRE A SEPARATE PERMIT FROM BUILDING AND SAFETY.
10. ALL RECOMMENDATIONS MADE BY THE GEOTECHNICAL ENGINEERING PROFESSIONAL (AND GEOLOGICAL PROFESSIONAL, WHERE EMPLOYED) CONTAINED IN THE REPORTS AS APPROVED BY VCPWA SHALL BE A PART OF THIS GRADING PLAN.
11. ALL DISTURBED SURFACES SUBJECT TO EROSION SHALL BE PROTECTED IN ACCORDANCE WITH THE VENTURA COUNTYWIDE MUNICIPAL STORMWATER NPDES PERMIT. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED FULLY FUNCTIONAL.
12. ALL AREAS TO RECEIVE FILL SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEERING PROFESSIONAL (AND GEOLOGICAL PROFESSIONAL WHERE EMPLOYED) AND VCPWA INSPECTOR AFTER REMOVAL OF UNSUITABLE MATERIAL AND EXCAVATION OF KEYWAYS AND BENCHES, AND PRIOR TO PLACEMENT OF SUBSURFACE DRAINAGE SYSTEMS OR FILL.
13. ALL MATERIALS DEEMED UNSUITABLE FOR PLACEMENT IN COMPACTED FILL (I.E. SHALE, SOD, ROOTS, RUBBISH, LUMBER, ORGANIC MATERIAL, ASHES AND OTHER DEBRIS, UNUSUAL COLOR, CONTAMINATION, AND SULFIDE ODOOR) SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF. MATERIALS SUCH AS CONSTRUCTION INERT DEBRIS, OR IMPORTED MATERIALS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEERING PROFESSIONAL PRIOR TO USE IN COMPACTED FILL. WHERE EXCAVATED MATERIAL IS LARGER THAN TWELVE INCHES IN LARGEST DIMENSION, IT MUST BE BROKEN INTO SMALLER PARTICLE SIZES, BEFORE BEING USED AS FILL.
14. THE GEOTECHNICAL ENGINEERING PROFESSIONAL SHALL DIRECT THE REMOVAL OF ANY EXISTING UNDERGROUND STRUCTURES SUCH AS SEPTIC TANKS, IRRIGATION LINES, ETC.
15. ANY WATER WELL LOCATED WITHIN THE AREA OF DISTURBANCE SHALL BE REPORTED TO VCPWA, WATERSHED PROTECTION, WATER RESOURCES DIVISION, PRIOR TO ITS MODIFICATION, ABANDONMENT, OR DESTRUCTION.
16. ANY OIL WELL LOCATED WITHIN THE AREA OF DISTURBANCE SHALL BE REPORTED TO THE STATE OF CALIFORNIA, GEOLOGIC ENERGY MANAGEMENT DIVISION PRIOR TO ITS MODIFICATION, ABANDONMENT, OR DESTRUCTION.
17. ALL TEMPORARY EXCAVATIONS AND KEYS FOR BUTTRESS OR STABILIZATION FILLS MUST BE EXAMINED BY THE GEOLOGICAL PROFESSIONAL, GEOTECHNICAL ENGINEERING PROFESSIONAL, AND VCPWA INSPECTOR TO ENSURE THAT ALL POTENTIAL PLANES OF FAILURE HAVE BEEN EXPLOSED IN THE EXCAVATION AND WILL BE ADEQUATELY SUPPORTED BY THE PROPOSED BUTTRESS. FIELD CERTIFICATION MUST BE SUBMITTED BY THE CONSULTANTS PRIOR TO PLACING FILL.
18. THE GEOTECHNICAL ENGINEERING PROFESSIONAL (AND GEOLOGICAL PROFESSIONAL WHERE EMPLOYED) SHALL PROVIDE RECOMMENDATIONS AND APPROVE CORRECTIVE WORK TO ENSURE SLOPE STABILITY WHERE UNSTABLE MATERIAL IS EXPOSED.
19. THE USE OF CORRUGATED STEEL PIPE IS NOT ALLOWED IN ANY COUNTY RIGHTS OF WAY. THE USE OF CORRUGATED STEEL PIPE ON PRIVATE PROPERTY SHOULD BE MINIMIZED, HOWEVER, IF USED SHOULD BE COATED TO MINIMIZE CORROSION AND EXTEND USEFUL SERVICE LIFE.
20. PRIOR TO ANY CLEARANCES FOR BUILDING AND SAFETY PERMIT ISSUANCE OR INSPECTION, THE FOLLOWING ITEMS SHALL BE APPROVED BY VCPWA:  
A. ALL ROUTINE INSPECTION REPORTS REQUESTED BY BUILDING OFFICIAL.  
B. ROUGH GRADE SOILS ENGINEERING (AND ENGINEERING GEOLOGY, IF APPLICABLE) REPORTS SUMMARIZING ALL EARTHWORK PERFORMED AND CONCLUDING THAT THE WORK HAS BEEN COMPLETED ACCORDING TO THE APPROVED REPORTS.
21. FINAL SOILS ENGINEERING AND (IF APPLICABLE) ENGINEERING GEOLOGY REPORTS SUMMARIZING ALL EARTHWORK PERFORMED SINCE ROUGH GRADING AND CONCLUDING THAT THE WORK HAS BEEN COMPLETED ACCORDING TO THE APPROVED REPORTS SHALL BE SUBMITTED WITH THE AS-BUILT PLANS (RECORD DRAWING) TO VCPWA PRIOR TO FINAL INSPECTION BY THE VCPWA INSPECTOR.
22. IF CULTURAL RESOURCES ARE ENCOUNTERED DURING CONSTRUCTION, CONSTRUCTION ACTIVITIES SHALL HALT IN THE AREA OF THE FINDINGS. A QUALIFIED ARCHEOLOGICAL CONSULTANT SHALL BE NOTIFIED AND A SITE EVALUATION CONDUCTED AS NECESSARY TO ASSESS THE SITE AND DETERMINE FURTHER MITIGATION MEASURES, AS APPROPRIATE.
23. HORIZONTAL AND VERTICAL LOCATION AND ACCURACY OF CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE PERMITTEE AND MAY REQUIRE VERIFICATION BY LICENSED LAND SURVEYOR WHEN ADJACENT TO PROPERTY LINES.

EARTHWORK QUANTITIES

CUT: \_\_\_\_\_ CU. YDS. EXPORT: \_\_\_\_\_ CU. YDS. DISPOSAL SITE \_\_\_\_\_

FILL: \_\_\_\_\_ CU. YDS. IMPORT: \_\_\_\_\_ CU. YDS. SOURCE \_\_\_\_\_

THIS PROJECT INCLUDES POST CONSTRUCTION BMP'S \_\_\_\_\_ YES \_\_\_\_\_ NO

THE TOTAL ESTIMATED DISTURBED AREA OF GRADING AND CONSTRUCTION IS \_\_\_\_\_ ACRES. PROJECTS THAT ARE 1.0 ACRE OR GREATER IN DISTURBED AREA WILL REQUIRE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND NOTICE OF INTENT (NOI) AS APPROVED BY THE STATE REGIONAL WATER QUALITY CONTROL BOARD AS DESCRIBED ABOVE.

AVERAGE NATURAL SLOPE IN THE AREA OF GRADING \_\_\_\_\_ % (CALCULATED PER VCBC SECTION J102.1)

THE TOTAL AMOUNT OF IMPERVIOUS AREA TO BE CONSTRUCTED AS PART OF THIS PROJECT IS \_\_\_\_\_ SQ. FT.

ADVISORY: THE PLANTING OF NATIVE VEGETATION IS RECOMMENDED ON ALL GRADED SLOPES. PLEASE VISIT THE VENTURA COUNTY PUBLIC WORKS WEBSITE AT <https://www.vcpubliworks.org/es/development/inspection> FOR A MEMORANDUM BY THE VENTURA COUNTY WATERSHED PROTECTION THAT PROVIDES INFORMATION FOR SEEDING GRADED AREAS.

LAND DEVELOPMENT SERVICES MUST BE NOTIFIED TEN (10) WORKING DAYS PRIOR TO ANY EXPORT/IMPORT TO/FROM THE PROJECT SITE.

PERMITS

VENTURA COUNTY PWA - ROADS & TRANSPORTATION ENCROACHMENT PERMIT NO. _____ DATE _____	VENTURA COUNTY PWA - WATERSHED PROTECTION WATERCOURSE PERMIT NO. _____ DATE _____
CALTRANS ENCROACHMENT PERMIT NO. _____ DATE _____	VENTURA COUNTY PWA - LAND DEVELOPMENT SERVICES FLOODPLAIN DEVELOPMENT PERMIT NO. _____ DATE _____

ENGINEERED GRADING INSPECTION CERTIFICATES

JOB ADDRESS OR LOT AND TRACT NO: \_\_\_\_\_

ROUGH GRADING CERTIFICATION

(A) BY GEOTECHNICAL ENGINEERING PROFESSIONAL

I CERTIFY THAT THE ROUGH GRADING WORK INCORPORATES ALL RECOMMENDATIONS CONTAINED IN THE REPORT OR REPORTS FOR WHICH I AM RESPONSIBLE AND ALL RECOMMENDATIONS THAT I HAVE MADE BASED ON FIELD INSPECTION OF THE WORK AND TESTING DURING GRADING. I FURTHER CERTIFY THAT WHERE THE REPORTS OF A GEOLOGICAL PROFESSIONAL, RELATIVE TO THIS SITE, HAVE RECOMMENDED THE INSTALLATION OF BUTTRESS FILLS OR OTHER SIMILAR STABILIZATION MEASURES, SUCH EARTHWORK CONSTRUCTION HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED DESIGN.

LOT NOS: \_\_\_\_\_

SEE REPORTS DATED: \_\_\_\_\_

FOR TEST DATA, RECOMMENDED ALLOWABLE SOIL BEARING VALUES & OTHER SPECIAL RECOMMENDATIONS.

GEOTECHNICAL ENGINEERING PROFESSIONAL \_\_\_\_\_ REG. NO. \_\_\_\_\_ DATE \_\_\_\_\_  
(SIGNATURE)

SEAL

(B) BY GEOLOGICAL PROFESSIONAL

I CERTIFY THAT THE ROUGH GRADING WORK INCORPORATES ALL OF THE RECOMMENDATIONS CONTAINED IN THE REPORT OR REPORTS FOR WHICH I AM RESPONSIBLE AND ALL RECOMMENDATIONS THAT I HAVE MADE BASED ON FIELD INSPECTION OF THE WORK DURING GRADING.

LOT NOS: \_\_\_\_\_

GEOLOGICAL PROFESSIONAL \_\_\_\_\_ CERT. NO. \_\_\_\_\_ DATE \_\_\_\_\_  
(SIGNATURE)

SEAL

(C) BY CIVIL ENGINEER

I CERTIFY TO THE SATISFACTORY COMPLETION OF ROUGH GRADING INCLUDING GRADING TO APPROXIMATE FINAL ELEVATIONS; PROPERTY LINES LOCATED AND STAKED, CUT AND FILL SLOPES CORRECTLY GRADED AND LOCATED IN ACCORDANCE WITH THE APPROVED DESIGN, SWALES AND TERRACES GRADED READY FOR PAVING, BERMS INSTALLED; AND REQUIRED DRAINAGE SLOPES PROVIDED ON THE BUILDING PADS. I FURTHER CERTIFY THAT WHERE REPORT OR REPORTS OF A GEOLOGICAL PROFESSIONAL AND/OR GEOTECHNICAL ENGINEERING PROFESSIONAL HAVE BEEN PREPARED RELATIVE TO THIS SITE, THE RECOMMENDATIONS CONTAINED IN SUCH REPORTS HAVE BEEN INCORPORATED IN THE DESIGN.

LOT NOS: \_\_\_\_\_

CIVIL ENGINEER \_\_\_\_\_ REG. NO. \_\_\_\_\_ DATE \_\_\_\_\_  
(SIGNATURE)

SEAL

GRADING CONTRACTOR CERTIFICATION

BY GRADING CONTRACTOR

I CERTIFY THAT THE GRADING WAS DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, THE GRADING ORDINANCE, AND THE RECOMMENDATIONS OF THE CIVIL ENGINEER, GEOTECHNICAL ENGINEERING PROFESSIONAL AND GEOLOGICAL PROFESSIONAL. IT IS UNDERSTOOD THAT THIS CERTIFICATION INCLUDES ONLY THOSE ASPECTS OF THE WORK THAT CAN BE DETERMINED BY ME, AS A COMPETENT GRADING CONTRACTOR, WITHOUT SPECIAL EQUIPMENT OR PROFESSIONAL SKILLS.

GRADING CONTRACTOR \_\_\_\_\_ LICENSE NO. \_\_\_\_\_ DATE \_\_\_\_\_

FINAL GRADING CERTIFICATION

BY CIVIL ENGINEER

I CERTIFY TO THE SATISFACTORY COMPLETION OF GRADING IN ACCORDANCE WITH THE APPROVED PLANS. ALL DRAINAGE DEVICES REQUIRED BY THE GRADING PERMIT, GRADING PLANS AND GRADING ORDINANCE HAVE BEEN INSTALLED. EROSION TREATMENT OF SLOPES AND IRRIGATION SYSTEMS (WHERE REQUIRED) HAVE BEEN INSTALLED. ADEQUATE PROVISIONS HAVE BEEN MADE FOR DRAINAGE OF SURFACE WATERS FROM EACH BUILDING SITE AS OF THIS DATE.

LOT NOS: \_\_\_\_\_

CIVIL ENGINEER \_\_\_\_\_ REG. NO. \_\_\_\_\_ DATE \_\_\_\_\_  
(SIGNATURE)

SEAL

AS-BUILT DRAWING CERTIFICATION

BY CIVIL ENGINEER

I CERTIFY THAT THE WORK SHOWN ON VCPWA DRAWING NO'S \_\_\_\_\_ THROUGH \_\_\_\_\_ ( \_\_\_\_\_ SHEETS TOTAL), MARKED WITH "AS-BUILT" HAVE BEEN CONSTRUCTED IN CONFORMANCE WITH LINES AND GRADES AS SHOWN ON SAID PLANS, DRAWINGS, AND REFERENCED SPECIFICATIONS.

CIVIL ENGINEER \_\_\_\_\_ REG. NO. \_\_\_\_\_ DATE \_\_\_\_\_  
(SIGNATURE)

OWNER/APPLICANT

OWNER / APPLICANT NAME  
OWNER / APPLICANT ADDRESS  
OWNER / APPLICANT PHONE NUMBER  
OWNER / APPLICANT EMAIL

BENCH MARK DATA

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TOPOGRAPHY DATA

[TOPO SOURCE COMPANY WITH COMPLETE ADDRESS]  
[TOPO SOURCE METHOD (E.G. ALTA, PHOTO, FIELD, ETC.)]  
[TOPO SOURCE DATE]



Know what's below.  
Call before you dig.

VENTURA COUNTY  
PUBLIC WORKS AGENCY

GENERAL STORMWATER NOTES:

THE LEGALLY RESPONSIBLE PERSON OF ANY PROPERTY IN WHICH GRADING ACTIVITIES OR OTHER SOIL DISTURBANCE ACTIVITIES ARE PERFORMED, INCLUDING PERMITTEE, SHALL COMPLY WITH THE LATEST AND APPLICABLE NPDES REQUIREMENTS. EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE INSTALLED BEFORE GRADING BEGINS. DURING GRADING ACTIVITIES, ALL BMP'S SHALL BE UPDATED AS NECESSARY TO PREVENT EROSION AND ANY ILLICIT DISCHARGE OF CONSTRUCTION RELATED POLLUTANTS. EROSION CONTROL BMP'S ARE LISTED ON COUNTY FORM SW.

1. **GENERAL CONSTRUCTION PERMIT.** PROJECTS THAT CAUSE SOIL DISTURBANCE OF ONE ACRE OR MORE, OR THAT ARE PART OF A COMMON PLAN OF DEVELOPMENT OR SALE THAT CAUSE SOIL DISTURBANCE OF ONE ACRE OR MORE ARE REQUIRED TO OBTAIN COVERAGE UNDER NPDES CALIFORNIA STATEWIDE GENERAL CONSTRUCTION PERMIT NO. CAS000002, AS A NUMBER ASSIGNED TO THE PROJECT BY THE STATE WATER RESOURCES CONTROL BOARD. COMPLETED AND SIGNED NOTICE OF INTENT (NOI) AND PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE SUBMITTED AND IMPLEMENTED DURING ALL GRADING ACTIVITIES.
2. **COUNTY'S STORM DRAIN SYSTEM.** ILLICIT DISCHARGES INTO THE COUNTY'S STORM DRAIN SYSTEM AS A RESULT OF GRADING, CLEARING, CONSTRUCTION, DEMOLITION, AND OTHER SOIL DISTURBANCE ACTIVITIES ARE PROHIBITED.
3. **INSPECTIONS.** EROSION CONTROL AND PERMANENT STORMWATER TREATMENT BMP'S ARE SUBJECT TO INSPECTIONS AS REQUIRED BY THE LOS ANGELES REGION, REGIONAL PHASE I MS4 NPDES PERMIT (ORDER NO. R4-2021-0105), AS AMENDED FROM TIME TO TIME.
4. **PUMPED WATER DISCHARGES.** DISCHARGES OF PUMPED GROUND WATER REQUIRE A DISCHARGE PERMIT FROM THE STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD (RWQCB).
5. **SANITARY FACILITIES.** PORTABLE SANITARY FACILITIES SHALL BE LOCATED ON RELATIVELY LEVEL GROUND AWAY FROM TRAFFIC AREAS, DRAINAGE COURSES, AND STORM DRAIN INLETS.
6. **EMERGENCY WORK.** A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (OCTOBER 1ST TO APRIL 15TH). NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.

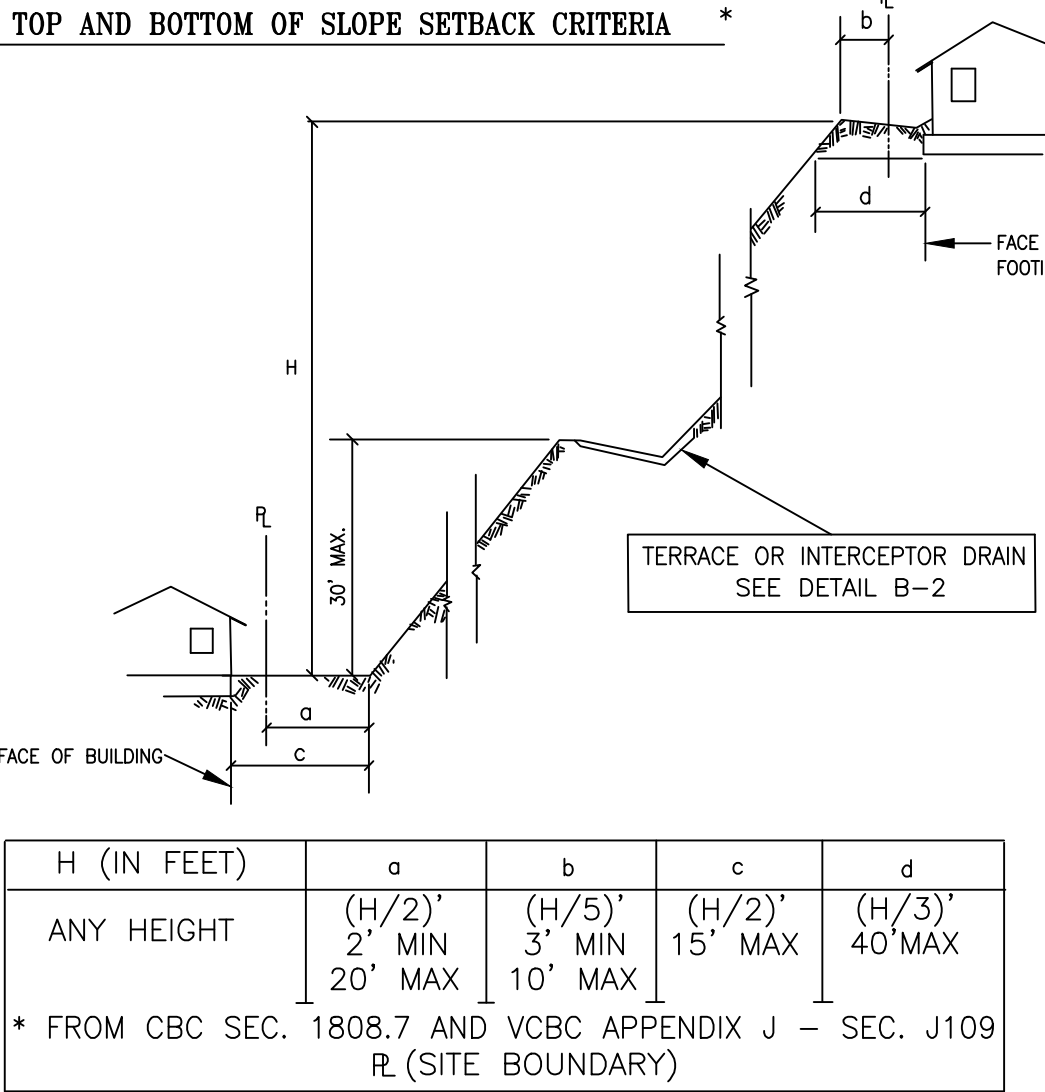
PROJECT BMP'S

THE FOLLOWING BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE LATEST EDITION OF THE CASQA CONSTRUCTION BMP ONLINE HANDBOOK MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE PROJECT ENGINEER, QUALIFIED SWPP DEVELOPER, PRACTITIONER OR THE BUILDING OFFICIAL). CERTAIN BMP'S ARE REQUIRED AS PART OF THE STORMWATER FORM SW. THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT THE BMP'S LISTED HEREON MATCH THE APPROVED STORMWATER FORMS ON FILE AND ARE IMPLEMENTED AND MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION. THE INSPECTOR OR BUILDING OFFICIAL MAY PERFORM UNANNOUNCED SITE INSPECTIONS TO ENSURE THAT THE PROJECT MAINTAINS THE BMP'S AS LISTED BELOW.

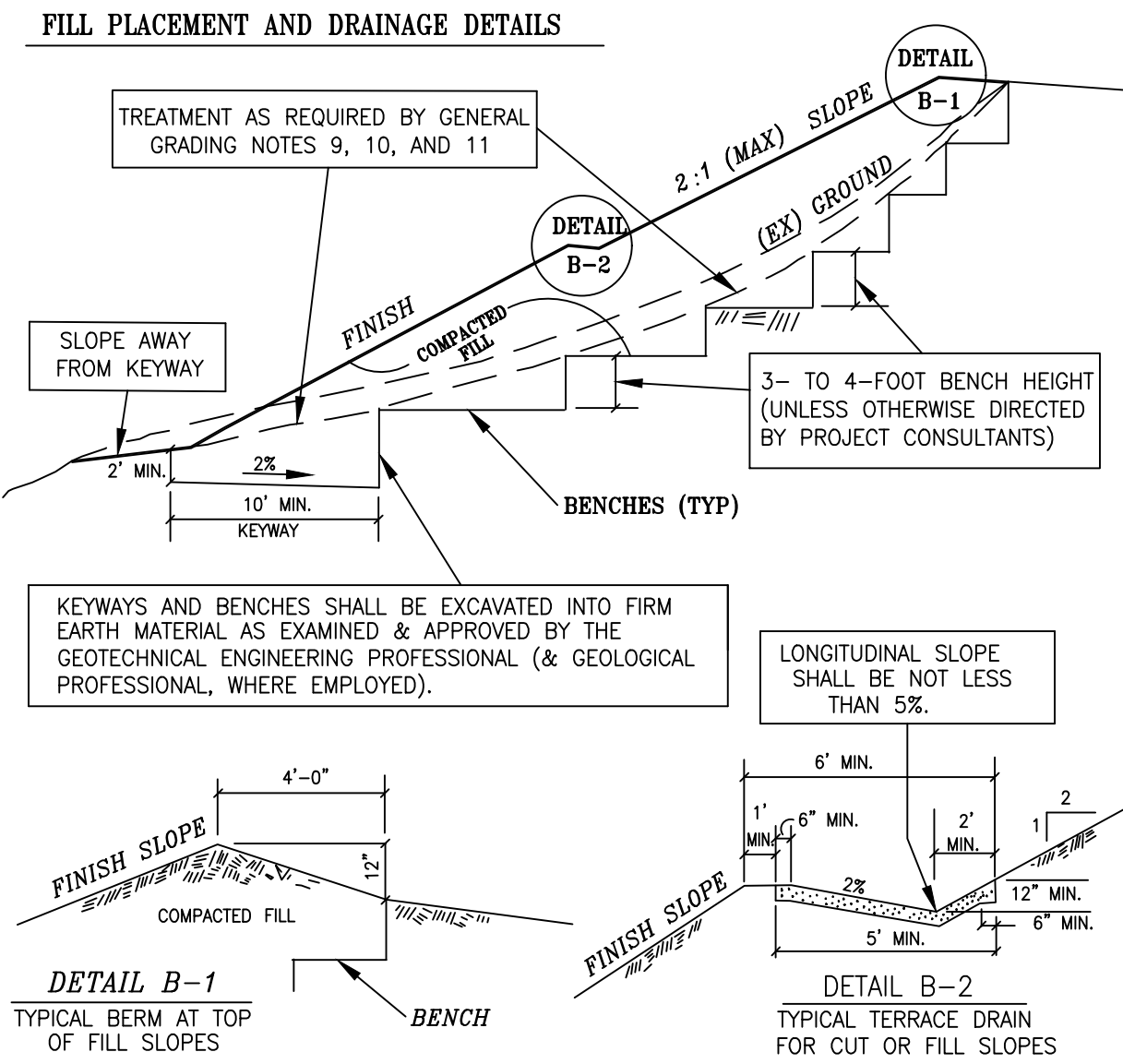
BMP DESCRIPTIONS AND DETAILS CAN BE OBTAINED FROM THE CALIFORNIA STORMWATER HANDBOOKS AT [WWW.CASQA.ORG](http://WWW.CASQA.ORG)

COMPLETE CHECKLIST BELOW FOR APPLICABLE PROJECT BMP'S

EROSION CONTROL	NON-STORMWATER MANAGEMENT
EC1 – SCHEDULING	NS1 – WATER CONSERVATION PRACTICES
EC2 – PRESERVATION EXISTING VEGETATION	NS2 – DEWATERING OPERATIONS
EC3 – HYDRAULIC MULCH	NS3 – PAVING & GRINDING OPERATIONS
EC4 – HYDROSEEDING	NS4 – TEMPORARY STREAM CROSSING
EC5 – SOIL BINDERS	NS5 – CLEAR WATER DIVERSION
EC6 – STRAW MULCH	NS6 – ILLICIT CONNECTION/DISCHARGE
EC7 – GEOTEXTILES & MATS	NS7 – POTABLE WATER/IRRIGATION
EC8 – WOOD MULCHING	NS8 – VEHICLE & EQUIPMENT CLEANING
EC9 – EARTH DIKES & DRAINAGE SWALES	NS9 – VEHICLE & EQUIPMENT FUELING
EC10 – VELOCITY DISSIPATION DEV.	NS10 – VEHICLE & EQUIPMENT MAINTENANCE
EC11 – SLOPE DRAINS	NS11 – PILE DRIVING OPERATIONS
EC12 – STREAMBANK STABILIZATION	NS12 – CONCRETE CURING
EC14 – COMPOST BLANKETS	NS13 – CONCRETE FINISHING
EC15 – SOIL PREPARATION/ROUGHENING	NS14 – MATERIAL & EQUIPMENT USE
EC16 – NON-VEGETATED STABILIZATION	NS15 – DEMOLITION ADJACENT TO WATER
NS16 – TEMPORARY BATCH PLANTS	
TEMPORARY SEDIMENT CONTROL	WASTE MANAGEMENT & MATERIAL POLLUTION CONTROL
SE1 – SILT FENCE	WM1 – MATERIAL DELIVERY & STORAGE
SE2 – SEDIMENT BASIN	WM2 – MATERIAL USE
SE3 – SEDIMENT TRAP	WM3 – STOCKPILE MANAGEMENT
SE4 – CHECK DAM	WM4 – SPILL PREVENTION & CONTROL
SE5 – FIBER ROLLS	WM5 – SOLID WASTE MANAGEMENT
SE6 – GRAVEL BAG BERM	WM6 – HAZARDOUS WASTE MANAGEMENT
SE7 – STREET SWEEPING AND VACUUMING	WM7 – CONTAMINATION SOIL MANAGEMENT
SE8 – SANDBAG BARRIER	WM8 – CONCRETE WASTE MANAGEMENT
SE9 – STRAW BALE BARRIER	WM9 – SANITARY/SEPTIC WASTE MANAGEMENT
SE10 – STORM DRAIN INLET PROTECTION	WM10 – LIQUID WASTE MANAGEMENT
SE11 – ACTIVE TREATMENT SYSTEMS	
SE12 – TEMPORARY SILT DIKE	
SE13 – COMPOST SOCKS & BERMS	
SE14 – BIOFILTER BAGS	
WIND EROSION CONTROL	ADDITIONAL BMP'S SELECTED
WE1 – WIND EROSION CONTROL	
EQUIPMENT TRACKING	
TC1 – STABILIZED CONSTRUCTION ENTRANCE EXIT	
TC2 – STABILIZED CONSTRUCTION ROADWAY	
TC3 – ENTRANCE/OUTLET TIRE WASH	



TYPICAL DETAIL A  
NTS



- 1) TERRACE DRAINS, INTERCEPTOR DRAINS & DOWNDRAINS SHALL BE CONSTRUCTED OF MINIMUM 3" CONCRETE OR GUNITE REINFORCED WITH 6x6-W1.4XW1.4 WELDED WIRE FABRIC.
- 2) FOR INTERCEPTOR DRAIN AT TOP OF CUT SLOPES AND DOWN DRAINS, MINIMUM WIDTH OF 3 FEET.

TYPICAL DETAIL B  
NTS

SHEET NO.	SHEET TITLE
1	GRADING PLAN COVER SHEET
2	XXX
3	XXX
X	XXX

	DESCRIPTION OF REVISION	RCE	DATE	APP.	APP.	DATE	PLAN DATE: MM/DD/YYYY	PREP BY: XXX	APPROVED FOR GRADING & DRAINAGE IMPROVEMENTS:  LAND DEVELOPMENT SERVICES ENGINEERING SERVICES VENTURA COUNTY PUBLIC WORKS AGENCY	DATE	SPEC. NO.  PROJ. NO.	GRADING PLAN COVER SHEET [ PROJECT NAME ] [ PROJECT ADDRESS(ES) ]	SHEET _____ OF _____ VCPWA DRAWING NO. _____