

INSTRUCTIONS TO FILL OUT AND COMPLETE TITLE SHEET.

GENERAL GRADING NOTES:

- GRADING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE VENTURA COUNTY BUILDING CODE APPENDIX J GRADING, LATEST EDITION.
- 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.
- A PRECONSTRUCTION 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, SOILS ENGINEER, COUNTY GRADING INSPECTOR(S), AND OTHER JURISDICTIONAL AGENCIES WHEN REQUIRED.
- HEAVY EQUIPMENT NOISE & TRUCK DELIVERIES SHALL NOT BEGIN UNTIL AFTER 7:00 A.M. NO WORK BEYOND 4:30 PM UNLESS APPROVED BY PWA.
- NO GRADING ACTIVITY SHALL OCCUR IN ANY WETLAND, BLUE-LINE STREAM, RED-LINE CHANNEL, OR FLOODPLAIN WITHOUT THE PROPER PERMITS & PERMISSION FROM THE PWA & RESOURCE MANAGEMENT AGENCY (RMA), OR OTHER AUTHORITIES HAVING JURISDICTION.
- RETAINING WALLS AND BRIDGES REQUIRE A SEPARATE PERMIT FROM BUILDING AND SAFETY.
- ALL AREAS TO RECEIVE FILL SHALL BE INSPECTED AND APPROVED BY THE SOILS ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) CONTAINED IN THE REPORTS AS APPROVED BY THE COUNTY SHALL BE A PART OF THIS GRADING PLAN.
- 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.
- ALL UNSUITABLE MATERIAL, I.E. LUMBER, LOGS, BRUSH, COMPRESSIBLE SOILS, OR ANY ORGANIC MATERIALS OR RUBBISH, SHALL BE REMOVED AS REQUIRED BY THE SOILS ENGINEER AND ENGINEERING GEOLOGIST FROM ALL AREAS TO RECEIVE FILL.
- ALL AREAS TO RECEIVE FILL SHALL BE INSPECTED AND APPROVED BY THE SOILS ENGINEER (AND ENGINEERING GEOLOGIST WHERE EMPLOYED) AFTER REMOVAL OF UNSUITABLE MATERIAL AND EXCAVATION OF KEYWAYS AND BENCHES. AND PRIOR TO PLACEMENT OF SUBSURFACE DRAINAGE SYSTEMS OR FILL.
- ALL MATERIALS DEEMED UNSUITABLE FOR PLACEMENT IN COMPACTED FILL SHALL BE REMOVED FROM THE SITE. MATERIALS SUCH AS CONSTRUCTION INERT DEBRIS, OR IMPORTED MATERIALS SHALL BE APPROVED BY THE SOILS ENGINEER AND COUNTY 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.
- THE SOILS ENGINEER SHALL DIRECT THE REMOVAL OF ANY EXISTING UNDERGROUND STRUCTURES SUCH AS SEPTIC TANKS, IRRIGATION LINES, ETC.
- ANY WATER WELL LOCATED WITHIN THE AREA OF DISTURBANCE SHALL BE REPORTED TO THE WATER RESOURCES DIVISION, WATERSHED PROTECTION DISTRICT PRIOR TO ITS MODIFICATION, ABANDONMENT, OR DESTRUCTION.
- ANY OIL WELL LOCATED WITHIN THE AREA OF DISTURBANCE SHALL BE REPORTED TO THE STATE OF CALIFORNIA, DIVISION OF OIL, GAS, AND GEOTHERMAL RESOURCES PRIOR TO ITS MODIFICATION, ABANDONMENT, OR DESTRUCTION.
- ALL TEMPORARY EXCAVATED SLOPES OR BENCHES AND KEYS FOR BUTTRESS OR STABILIZATION FILLS MUST BE EXAMINED BY THE ENGINEERING GEOLOGIST AND SOILS ENGINEER TO FIELD CERTIFY THAT ALL POTENTIAL PLANES OF FAILURE HAVE BEEN EXPOSED IN THE EXCAVATION AND WILL BE ADEQUATELY SUPPORTED BY THE PROPOSED BUTTRESS. FIELD CERTIFICATION MUST BE SUBMITTED BY THE CONSULTANTS PRIOR TO PLACING FILL.
- THE SOILS ENGINEER AND ENGINEERING GEOLOGIST (WHERE EMPLOYED) SHALL PROVIDE RECOMMENDATIONS AND APPROVE CORRECTIVE WORK TO INSURE SLOPE STABILITY WHERE UNSTABLE MATERIAL IS EXPOSED AT THE TOP OF CUTS AND EXCAVATIONS.
- 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 TO EXTEND SERVICE TIME.
- INTERIM SOILS AND GEOLOGIC REPORTS SHALL BE SUBMITTED TO THE COUNTY AS REQUIRED BY THE BUILDING OFFICIAL.
- ROUGH GRADE SOILS ENGINEERING AND (IF APPLICABLE) ENGINEERING GEOLOGY REPORTS SUMMARIZING ALL EARTHWORK PERFORMED AND CONCLUDING THAT THE WORK HAS BEEN COMPLETED ACCORDING TO THE APPROVED REPORTS SHALL BE SUBMITTED TO THE COUNTY FOR APPROVAL OF THE ROUGH GRADING BY THE BUILDING OFFICIAL PRIOR TO CALLING FOR BUILDING AND SAFETY INSPECTION.
- 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 THE COUNTY.

Earthwork Quantities

To be completed during plancheck. Provide: cut and fill, how much export, import and the disposal site or the source of the material.

DESCRIPTION	CUT	FILL	EXPORT	IMPORT	DISPOSAL SITE	SOURCE
	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.		
THIS PROJECT INCLUDES POST CONSTRUCTION BMP'S						

Complete

THE TOTAL ESTIMATED DISTURBED AREA OF GRADING AND CONSTRUCTION IS _____ ACRES. PROVIDE acreege of disturbed area

Provide existing average natural slope in area of grading

AVERAGE NATURAL SLOPE IN THE AREA OF GRADING _____ %

Complete

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

TOTAL PROPOSED LANDSCAPED AREA _____ SQ. FT. TOTAL NATIVE PLANTING LANDSCAPE AREA _____ % (PERCENT OF TOTAL LANDSCAPE AREA)

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

Provide square footage of Landscaping & Native Vegetation

LAND DEVELOPMENT & INSPECTION SERVICES MUST BE NOTIFIED TEN (10) _____ DAYS PRIOR TO THE START OF GRADING.

PERMITS

TO BE COMPLETED DURING PLANCHECK. PROVIDE THE PERMITS NUMBERS WHEN INFO BECOMES AVAILABLE

COUNTY ENCROACHMENT PERMIT NO. _____ DISTRICT WATERCOURSE PERMIT NO. _____

STATE ENCROACHMENT PERMIT NO. _____ FLOODPLAIN DEVELOPMENT PERMIT NO. _____

DATE: _____ DATE: _____

ENGINEERED GRADING INSPECTION CERTIFICATES

JOB ADDRESS OR LOT AND TRACT NO. _____

ROUGH GRADING CERTIFICATION

(A) BY SOILS ENGINEER

I CERTIFY THAT THE ROUGH GRADING WORK INCORPORATES ALL RECOMMENDATIONS CONTAINED IN THE REPORT OR REPORTS FOR WHICH I AM RESPONSIBLE. I FURTHER CERTIFY THAT WHERE NECESSARY, ALL RECOMMENDATIONS THAT I HAVE MADE BASED ON FIELD INSPECTION OF THE WORK DURING GRADING, HAVE BEEN INCORPORATED IN THE DESIGN.

SEE REPORTS DATED: _____

LOT NOS: _____

ENGINEERING GEOLOGIST (SIGNATURE) _____ CERT. NO. _____ DATE _____

SEAL _____

(B) BY ENGINEERING GEOLOGIST

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 PAAVING, BERMS INSTALLED, AND REQUIRED DRAINAGE SLOPES PROVIDED ON THE BUILDING PADE. I FURTHER CERTIFY THAT WHERE REPORT OR REPORTS OF AN ENGINEERING GEOLOGIST AND/OR SOILS ENGINEER HAVE BEEN PREPARED RELATIVE TO THIS SITE, THE RECOMMENDATIONS CONTAINED IN SUCH REPORTS HAVE BEEN INCORPORATED IN THE DESIGN.

LOT NOS: _____

CIVIL ENGINEER (SIGNATURE) _____ REG. NO. _____ DATE _____

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 PAAVING, BERMS INSTALLED, AND REQUIRED DRAINAGE SLOPES PROVIDED ON THE BUILDING PADE. I FURTHER CERTIFY THAT WHERE REPORT OR REPORTS OF AN ENGINEERING GEOLOGIST AND/OR SOILS ENGINEER HAVE BEEN PREPARED RELATIVE TO THIS SITE, THE RECOMMENDATIONS CONTAINED IN SUCH REPORTS HAVE BEEN INCORPORATED IN THE DESIGN.

LOT NOS: _____

CIVIL ENGINEER (SIGNATURE) _____ REG. NO. _____ DATE _____

SEAL _____

FINAL GRADING CERTIFICATION

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.

Final Grade Certification and Grading Contractor Certification area to be completed when grading has been completed for the construction project

GRADING CONTRACTOR CERTIFICATION

GRADING CONTRACTOR

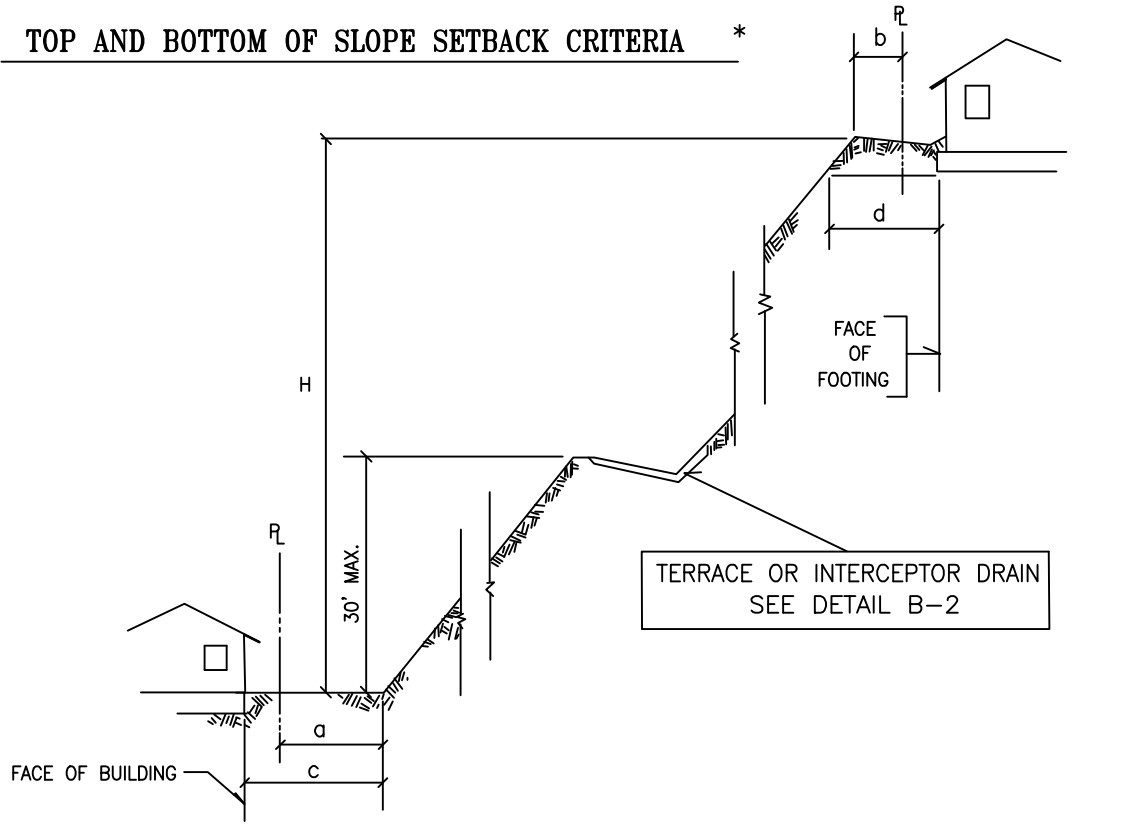
I CERTIFY THAT THE GRADING WAS DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, THE GRADING ORDINANCE AND THE RECOMMENDATIONS OF THE CIVIL ENGINEER, SOILS ENGINEER AND ENGINEERING GEOLOGIST. IT IS UNDERSTOOD THAT THIS CERTIFICATION INCLUDES ONLY THOSE ASPECTS OF THE WORK THAT CAN BE DETERMINED BY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

INSTRUCTIONS: THE OWNER MAY SIGN IF THE GRADING WAS NOT DONE BY A LICENSED GRADING CONTRACTOR.

COUNTY OF VENTURA 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 FORMS SW-1, SW-2, OR SW-HR.
- 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 PERMITS CALIFORNIA STATEWIDE GENERAL CONSTRUCTION PERMIT NO. CAS00002, 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.
 - 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.
 - INSPECTIONS. EROSION CONTROL AND PERMANENT STORMWATER TREATMENT BMP'S ARE SUBJECT TO INSPECTIONS AS REQUIRED BY THE PERMIT ORDER NO. R4-2010-0108, AS AMENDED FROM TIME TO TIME.
 - PUMPED WATER DISCHARGES. DISCHARGES OF PUMPED GROUND WATER REQUIRE A DISCHARGE PERMIT FROM THE STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD (RWQCB).
 - SANITARY FACILITIES. PORTABLE SANITARY FACILITIES SHALL BE LOCATED ON RELATIVELY LEVEL GROUND AWAY FROM TRAFFIC AREAS, DRAINAGE COURSES, AND STORM DRAIN INLETS.
 - 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.

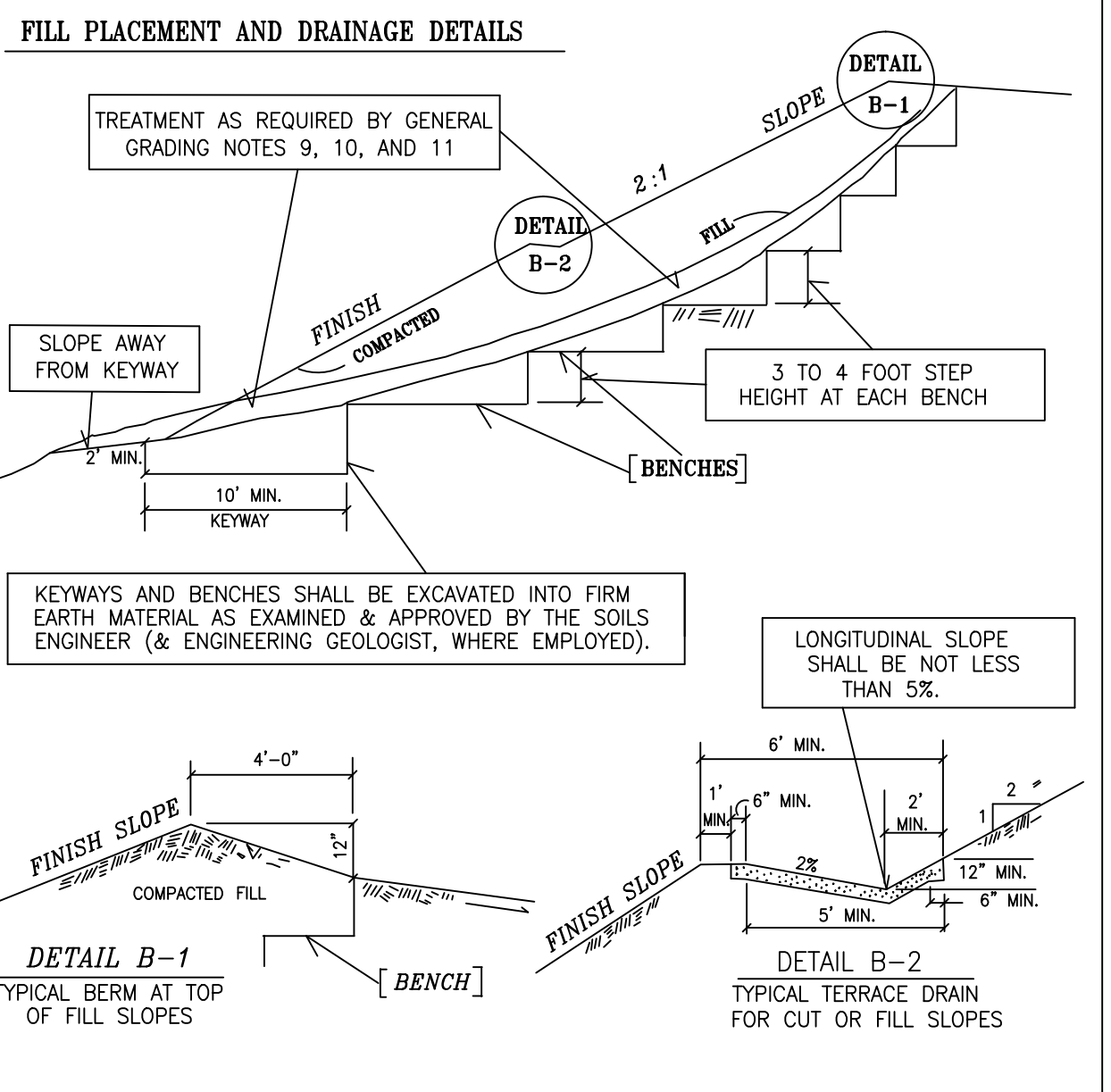


DETAIL A
NTS

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 FORMS SW-1, SW-2 & SW-HR. THE APPLICANT IS RESPONSIBLE FOR DETERMINING THAT THE BMP'S LISTED BELOW ARE IMPLEMENTED AND MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION. BMP'S ARE NOT TO BE REMOVED OR MODIFIED WITHOUT THE WRITTEN PERMISSION OF THE COUNTY ENGINEER OR PROJECT ENGINEER.

BMP DESCRIPTION	DETAIL
EC2 - PRESERVATION EXISTING VEGETATION	NS2 - DEWATERING OPERATIONS
EC3 - SOIL BINDERS	NS3 - CLEAR WATER DIVERSION
EC8 - WOOD MULCHING	NS4 - VEHICLE & EQUIPMENT CLEANING
EC9 - SLOPE DRAINS	NS5 - HAZARDOUS WASTE MANAGEMENT
EC11 - SOIL PREPARATION/SOFTENING	NS6 - CONTAMINATION SOIL MANAGEMENT
EC15 - CHECK DAM	NS7 - CONCRETE WASTE MANAGEMENT
SE1 - SILT FENCE	NS8 - SANITARY/SEPTIC WASTE MANAGEMENT
SE4 - WIND EROSION CONTROL	NS9 - LIQUID WASTE MANAGEMENT
SE7 - STREET SWEEPING AND VACUUMING	NS10 - STOCKPILE MANAGEMENT
SE10 - STORM DRAIN INLET PROTECTION	NS11 - PREVENTION & CONTROL
SE11 - ACTIVE TREATMENT SYSTEMS	NS12 - WASTE MANAGEMENT
SE12 - TEMPORARY SILT DIKE	NS13 - BIOMAT/NETS
SE13 - COMPOST SOCKS & BERMS	NS14 - BIOFILTRATION
SE14 - BIOFILTER BAGS	NS15 - SLOPE STABILIZATION
WE1 - WIND EROSION CONTROL	NS16 - EROSION CONTROL
TC1 - STABILIZED CONSTRUCTION ENTRANCE EXIT	NS17 - EROSION CONTROL
TC2 - STABILIZED CONSTRUCTION ROADWAY	NS18 - EROSION CONTROL
TC3 - ENTRANCE/OUTLET TIRE WASH	NS19 - EROSION CONTROL



DETAIL B
NTS

- TERRACE DRAINS, INTERCEPTOR DRAINS & DOWNDRAINS SHALL BE CONSTRUCTED OF MINIMUM 3" REINFORCED CONCRETE REINFORCED WITH 6 x 6 x 10 x 10 W.W.M. & SHALL BE OF EITHER SEMI-CIRCULAR OR TRIANGULAR CROSS SECTION.
- FOR INTERCEPTOR DRAIN AT TOP OF CUT SLOPES AND DOWN DRAINS, MINIMUM WIDTH OF 3 FEET.

LOCATION & VICINITY MAP

Provide a clear and concise vicinity map of the project site, such that an individual unfamiliar with the project site can look at the map and locate the site. Also provide any additional information required to access the site like gate codes, etc.

GATE CODE: _____

THIS SECTION TO BE COMPLETED AT PLANCHECK.

Provide contact information for soils engineer, geologist and civil engineer.

Final signautres of consultants only required after plancheck is complete (at issuance). Three sets required. Atleast One set must have wet signatures.

(SOILS ENGINEER SIGNATURE) _____ COMPANY NAME _____ COMPANY ADDRESS _____ COMPANY PHONE NUMBER _____ COMPANY EMAIL _____

(ENGINEERING GEOLOGIST SIGNATURE) _____ COMPANY NAME _____ COMPANY ADDRESS _____ COMPANY PHONE NUMBER _____ COMPANY EMAIL _____

TO BE COMPLETED DURING PLANCHECK.

Provide Owner Contact Info

Provide benchmark data

Provide topography source, i.e. surveyor, date, method of survey

OWNER/APPLICANT

OWNER / APPLICANT ADDRESS _____
OWNER / APPLICANT PHONE NUMBER _____
OWNER / APPLICANT EMAIL _____

BENCHMARK DATA

XX
XX
XX
XX
XX

TOPOGRAPHY DATA

TOPO SOURCE METHOD (ALL INFORMATION REQUIRED) _____
TOPO SOURCE DATE _____

WDID

If the disturbed area of your project is over an acre, and the project is not exempt. Provide a WDID number. This number is obtained from the State Water Resource Control Board SMARTS website. It is obtained when a NOI application is approved

APN(s)

Provide APN of all parcels where grading is expected to occur.

APN: _____

GP #

Provided by the County Reviewer after first plancheck

To be completed after plans are issued.

Area is Reserved for change orders/ revisions

DESCRIPTION OF REVISION	RCE	DATE	APP.	APP. DATE

THIS SECTION/BLOCK TO BE USED BY THE PROJECT DESIGNER/ ENGINEER/ ARCHITECT. I.E. COMPANY LOGO

APPROVED: COUNTY OF VENTURA

COUNTY USE ONLY

BY: _____ DEVELOPMENT & INSPECTION SERVICES

COUNTY OF VENTURA PUBLIC WORKS AGENCY DEVELOPMENT & INSPECTION SERVICES

To be completed by designer/engineer/architect

To be completed by designer/engineer architect

[PROJECT ADDRESS(ES)]

COUNTY USE ONLY