

GRADING PERMIT SUBMITTAL CHECKLIST

LAND DEVELOPMENT SERVICES 800 South Victoria Avenue, Ventura, CA 93009-1600 (805) 654-2030 | PWA_LDServices@ventura.org



The following items should be included in the Grading Plan Submittal application packet: Please submit the following documents via email to PWA_LDServices@ventura.org electronically (PDF) LDS-GP Grading Permit Submittal Checklist (this form) LDS-01 Grading Permit Application (must be signed and completed) LDS-02 Grading Plan Check and Processing Agreement LDS-03 Authorization of Agent (if required) LDS-04 Acknowledgement of Employment of Technical Consultants (signed by all consultants and owner) LDS-05 Grading Plan Checklist for Plan Check DS-06 Stormwater Permit Requirements for New Development and Redevelopment Questionnaire ☐ DS-07 Stormwater Permit Requirements for Construction Activities SW-1, SW-2 or SW-HR. Stormwater Quality form(s) Note: To determine which SW-Form is required, complete the DS-07 form Plan Check Deposit/Fee- For current deposit/fee amounts, see "Schedule of Processing Fees & Deposits." ☐ Geotechnical Report ☐ Hydrology and Hydraulics Report Grading Plans - 24" x 36" - Ventura County Standard Grading Plan Title Sheet (CAD file available) LDS-11 Off-site construction permission letter (if required) The Construction Inspection Deposit must be submitted either at initial submittal, or prior to approval of the grading plan. For current deposit amounts, see "Schedule of Processing Fees & Deposits." Applicant is responsible for the actual cost of inspection. **Expiration of application**. An application for which no permit is issued within 360 days following the date of application shall expire by limitation. Plans, documents, reports, and other data submitted for review may thereafter be returned to the applicant or destroyed by the Building Official. Upon written request by the applicant, prior to permit expiration, a permit application may be extended by the Building Official where necessary and for good cause, for an extended time period that is deemed practical, provided: 1. The project plans and specifications have been updated to reflect compliance with any new applicable code provisions that came into effect as a result of an adopted code change, and 2. The request for extension is accompanied by an Application Extension Fee and a Plan Review Fee as prescribed in the County's adopted Fee Schedule, for review of any required plan revisions, 3. There are no significant changes to the plans or the permit application. Refund Recipient (if other than original depositor): Address City _____ Zip Code_____ Phone _____

Permit No.



LDS-01 GRADING PERMIT

LAND DEVELOPMENT SERVICES800 South Victoria Avenue, Ventura, CA 93009



800 South Victoria Avenue, Ventura, CA 93009 (805) 654-3027 | PWA_LDservices@ventura.org

Grading Work Description			
Assessor Parcel No(s)			
Address of Work			
Grading Type: Regular	Engineered	Stockpile Agricultural	Oil Field Remove & Recompact Discretionary
Depth of Cut Excavation	on CY	Export CY Heig	ht of Fill Fill CY Import CY
Destination of Surplus		Sou	rce of Import
Stormwater Form(s):		WDID:	QSP Required: Yes No
VCPWA Comments:			VC DWG No(s)
		PROJECT CONTACT INFO	PRMATION
			s
City	Zip	Email	Phone
Contractor		Address	<u> </u>
City	Zip	Email	Phone
			s
City	Zip	Email	Phone
Soils Engineering		Addre	ss
City	Zip	Email	Phone
Geology		Address	
City	Zip		Phone
This permit authorizes only the or with any conditions impose any liability upon the governmodifications of this permit or I hereby acknowledge that I he shall be in accordance with the	nat work describe and by this permit slaining agency for d or of the approved have read this app the approved plan	d hereon. Neither the issuance hall relieve any person from restamage to other persons or pure grading plan must be approve blication and state that the about s, and the applicable grading	Phone e of this permit, nor the compliance with the provisions hereof sponsibility for damage to other persons or property nor impose roperty. All attached addenda are a part of this permit. All
This permit authorizes only the or with any conditions impose any liability upon the governmodifications of this permit or I hereby acknowledge that I he shall be in accordance with the permit the permittee agrees to attached hereto.	nat work describe and by this permit slaining agency for describing agency for describing agency for describing approved plan and comply with all permits a "NOTIFICE until a	Email dhereon. Neither the issuance hall relieve any person from restamage to other persons or pure grading plan must be approve blication and state that the about some some some some provisions of this permit including	e of this permit, nor the compliance with the provisions hereof sponsibility for damage to other persons or property nor impose roperty. All attached addenda are a part of this permit. All d by the governing agency. ve is correct, and that all excavation, grading and filling of land ordinance. In consideration of the County issuing this grading
This permit authorizes only the or with any conditions impose any liability upon the governmodifications of this permit or I hereby acknowledge that I he shall be in accordance with the permit the permittee agrees to attached hereto. Your permit is not complete grading permit is complete.	nat work describe and by this permit slaining agency for describing agency for describing agency for describing approved plan approved plan of comply with all permits a "NOTIFIC."	Email d hereon. Neither the issuance that relieve any person from restange to other persons or pure grading plan must be approve olication and state that the about s, and the applicable grading provisions of this permit including control of the completion of the	Phone e of this permit, nor the compliance with the provisions hereof sponsibility for damage to other persons or property nor impose roperty. All attached addenda are a part of this permit. All d by the governing agency. we is correct, and that all excavation, grading and filling of land ordinance. In consideration of the County issuing this grading and the standard conditions (Page 2) and any special conditions
This permit authorizes only the or with any conditions impose any liability upon the governmodifications of this permit or I hereby acknowledge that I he shall be in accordance with the permit the permittee agrees to attached hereto.	nat work describe ed by this permit slaing agency for describe approved the approved plan ocomply with all permit a "NOTIFIC.	Email d hereon. Neither the issuance that relieve any person from restange to other persons or pure grading plan must be approve olication and state that the about s, and the applicable grading provisions of this permit including provisions of the permit including the provision of the permit including the provision of the permit including the	Phone
This permit authorizes only the or with any conditions impose any liability upon the governmodifications of this permit or I hereby acknowledge that I he shall be in accordance with the permit the permittee agrees to attached hereto. Your permit is not complete grading permit is complete X Signature PERM Issued by:	nat work describe ed by this permit slaing agency for describe approved the approved plan to comply with all permit a "NOTIFIC."	Email d hereon. Neither the issuance that relieve any person from restange to other persons or pure grading plan must be approve olication and state that the about s, and the applicable grading provisions of this permit including provisions of the permit including the provision of the permit including the provision of the permit including the	Phone
This permit authorizes only the or with any conditions impose any liability upon the governmodifications of this permit or I hereby acknowledge that	nat work describe and by this permit shing agency for describe approved the approved plan to comply with all permit a "NOTIFIC comply with a "NOTIFIC com	Email d hereon. Neither the issuance hall relieve any person from restamage to other persons or person grading plan must be approved blication and state that the about so, and the applicable grading provisions of this permit includication. CATION OF COMPLETION -	Phone

STANDARD PERMIT CONDITIONS

- 1. Grading shall be in accordance with:
 - a. Ventura County Building Code (VCBC) Appendix J, Latest Edition,
 - b. Ventura County Public Works Agency (VCPWA) Grading Permit Conditions, General Grading Notes, and Approved Grading Plans,
 - c. Standard Specifications for Public Works Construction (SSPWC),
 - d. Ventura County Standard Land Development Manual & Specifications and any supplemental conditions if applicable.
- 2. The Permittee shall call for inspection by the Building Official at all required stages of work with a minimum 48-hours notice. The Permittee shall obtain approval of all stages of work by the Building Official prior to proceeding with the next stage of work. Work stages are identified below as described in VCBC:
 - a. Pre-grade
 - b. Initial
 - c. In progress
 - d. Rough grade
 - e. Final grade
- 3. The permittee shall be responsible for determining the existence and location of any existing underground facilities.
- 4. 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.)
- 5. Construction inspection deposits shall be made in accordance with the Board of Supervisor's adopted Fee and Deposit Schedule. The permittee shall pay the actual costs (including overhead) for services rendered. If at any time the actual costs exceed the deposits, the permittee shall pay the balance due before proceeding with further work. Failure to remit payment when due may result in the County issuing a "Stop Work Notice". Deposits not used will be refunded to the permittee at time of completion of all required work.
- 6. A preconstruction/pre-grade conference of all interested parties shall be held prior to any construction or grading. Any work performed under this permit prior to conducting a pre-grade meeting will be subject to whatever action including restoration to existing conditions before work was begun, that the County of Ventura deems necessary to inspect, correct and/or approve said work.
- 7. This permit is valid only to the extent of Ventura County Building Code. Permits and consent required by other interested Agencies and consent of the underlying fee owner of easement and that of easement holders shall be the responsibility of the permittee. The permittee shall be responsible for obtaining all necessary permits and permissions from affected property owners, public agencies, and others.
- 8. If the owner wishes to change any technical consultants, grading shall cease until a new technical consultant assumes and accepts responsibility for the grading.
- 9. If the property subject to this permit changes ownership, the seller shall notify the Building Official in writing of the pending transfer and pay any outstanding permit fees. The grading shall cease until the new owner contacts Land Development Services to transfer the permit to the new owner and deposit permit fees.
- 10. Any deviation from the approved grading plans requires prior approval by the Building Official. The permittee shall submit a change order application and revised plans for review and approval by Land Development Services, unless the Building Official provides prior approval for a minor field adjustment to be documented on the "As-Built" drawings.
- 11. Prior to the "Notice of Completion" all grading disturbed areas must be stabilized and slopes vegetated with 70% coverage using native vegetation, where practical.

Rev: August 2022 Page 2 of 2

Permit No.



LDS-02 GRADING PERMIT PLANCHECK PROCESSING DEPOSIT AGREEMENT

LAND DEVELOPMENT SERVICES

800 South Victoria Avenue, Ventura, CA 93009 (805) 654-2030 | PWA_LDServices@ventura.org



of the E	hereby authorize the County of Ventura to plan check and process the above ced Grading Permit in accordance with the Latest Edition of the Ventura County Building Code and A Resolution Board of Supervisors of the County of Ventura Establishing Fees For Grading Permits And Grading Plan Review nt To The Ventura County Building Code, dated May 23, 2023.
request	positing in U.S. dollars the amount of \$ which is for the grading plan check as indicated in ment Option Plan which is to pay for the actual County staff time to plan check and process my grading permit. In making this deposit, I acknowledge and understand that the deposit may cover all or a portion of the lan check and processing costs. I also understand that these costs apply even if the grading permitation is withdrawn or not approved.
I further	agree to the following terms and conditions of this Agreement:
2.3.4.	Staff time from County of Ventura departments spent processing my grading permit plan check will be billed against this deposit using contract hourly rates. "Staff Time" may also include consultant fees if the County needs to have the project reviewed by consultants. If plan check and processing costs exceed the available deposit, I will receive periodic invoices payable upon receipt. The County may suspend review of the Grading Permit until the invoices are paid. If the total actual plan check and processing cost is less than the available deposit fee, the unused portion of the deposit will be applied toward the next required deposit or refunded to the applicant who signed this Agreement. If the total actual plan check and processing cost is more than the deposit on file with the County of Ventura Public Works Agency, I agree to pay the difference according to the terms set by the Public Works Agency. I may request a further breakdown or itemization of County invoices, but such a request is independent of the
6.	payment obligation and time frames. All requests must be received within 6 months of the charges being made. Once the County completes the plan check phase for which the deposit is made, if additional plan check charges are anticipated to exceed the deposit the County may cease all work on the grading permit plan check until the applicant provides another deposit for the subsequent plan check phase, if applicable, which subsequent deposit shall be covered by the terms and conditions of this Agreement.
Dated: _.	Signature:
	Title

Payment Option Plan

Regular Grading		posit
1st Plan Check	\$	2,505.00
2nd Plan Check	\$	1,485.00
3rd and Subsequent Plan Check	\$	650.00
Total	\$	4,640.00

Engineered Grading		posit
1st Plan Check	\$	2,850.00
2nd Plan Check	\$	1,690.00
3rd and Subsequent Plan Check	\$	735.00
Total	\$	5,275.00

Permit No.

COUNTY

LDS-03 AUTHORIZATION OF AGENT TO ACT ON PROPERTY OWNERS BEHALF LAND DEVELOPMENT SERVICES

800 South Victoria Avenue, Ventura, CA 93009 (805) 654-3027 | PWA_LDServices@ventura.org



I hereby authorize the person identified below to act as my agent to apply for, sign, and file the documents necessary to obtain the permits required for my project (excluding the *Notice to Property Owner*, the execution of which I understand is my personal responsibility). My agent should receive copies of all notices and communications related to my project unless I have otherwise notified the County.

Project Description:			
APN(s):			
Project Address:			
Name of Authorized Agent:			
Address of Authorized Agent:			
Phone Number of Authorized Agent:			
E-Mail Address of Authorized Agent:			
PROPERTY OWN	NER ACKNOWL	EDGEMENT	
I declare under penalty of perjury that I am the filled out the above information and certify its all ordinances of the County of Ventura and t in accordance with the requirements of the Co	accuracy. Further, I hat any approvals gr	agree that I and my a	gent will abide by
Property Owner's Name:			
Property Owner's Signature:		Date:	····
Property Owner's Mailing Address:			
Property Owner's E-Mail Address:			
Property Owner's Phone Number:			
Note: A copy of the owner's driver's license, notari submitted with this form to verify property owner's records.		•	
Staff Verification of Property Owner Signature:	Driver License	Notarized Letter	Other
Staff Signature		Date	

LDS-04 Permit No.



Address/Location of Property

ACKNOWLEDGEMENT OF EMPLOYMENT OF TECHNICAL CONSULTANTS

LAND DEVELOPMENT SERVICES

800 South Victoria Avenue, Ventura, CA 93009 (805) 654-3027 | PWA_LDServices@ventura.org



Tract No	_ APN(s):		
and during all work authorized by sa charge of the work and perform the Ordinance and the Land Developme	aid permit, a Regise duties of Civil En the Manual, and furt ations, perform insp	tered Civil Enginee gineer in accordan her, that profession	as a condition of the Grading Permit r will be retained to be in responsible ce with requirements of the Grading al consultants (soils and geology) will be reports that are or may be required
new consultants shall be bound by recommendations or work completed	y the grading pland dare not acceptab ing data which mu	and recommenda le to the new consu st then be incorpo	original reports and grading plan, the ations contained therein. If the plan, altants they shall provide a new report prated on a change order plan to be
Owner(s) Signature		Date	Phone
Email:			
coordinated by and submitted to the	County by the Civi	I Engineer.	oils and/or Geology Reports are to be Phone
			Reg. No
Email:			
Soils Engineering(Signat	ure)	_ Date	Phone
Name	Firm		Reg. No
Email:			
Geology(If applicable) (Signature)		Date	Phone
	Firm		Reg. No
Email:			
QSD/QSP/CPESC(If applicable) (Signature of the content of t			Phone
Name	Firm		Reg. No
Email:			

INSTRUCTIONS: This document must be completed and filed with the County before the grading permit may be issued.

Rev. June 2021

COUNTY

LDS-05

GRADING PLANCHECK CHECKLIST

PUBLIC WORKS AGENCY | LAND DEVELOPMENT SERVICES 800 South Victoria Avenue, Ventura, CA 93009-1670 (805) 654-3027 | PWA_LDServices@ventura.org



Application	n Date:		Grading Permit N	lumber:
APN(s)#:_		Address of S	Site:	
Reviewed	d: Date of 1 st Check	Da	te of 2 nd Check	Date of 3 rd Check
Note: 1. Thi	s Application expires if pe	rmit is not issued	within one year of da	te of first check.
	omit complete package f ditional Fees may be colle	•	suance as requested	d in the plan check letter.
COMPLETE and		ication. The prep		eparer of the Grading Plans ould use this checklist as a
Printed N	lame	Signature		Date
	ring checked items must b	e corrected, com	oleted and submitted	prior to permit approval.
<u>ADMINIS</u>	RATIVE			
_	Complete all sections	of the Grading Pe	ermit Application.	
	application and must b OK ✓ N/A □ □ □ Owner	oe signed by: OK □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	-04 must be submitt ✓ N/A □ □ Engineering G □ □ QSD/QSP/CP	•
		e permit and mu	st be submitted to V	o structures or within path of entura County Building and equired" to the plans.
F <u>YI</u>	4. Fire Department requi	rements for roadv	vay/driveways should	be followed.
	exceeds 500 cubic ya	ards or drainage	facilities are require	n if the Cut or Fill quantity ed or geological issues are the Grading Plans on all

6.	A standard county grading cover sheet is required for all grading plans. A county signature block is required for remaining grading sheets. Obtain the 24X36 sheet size CAD title block at https://www.vcpublicworks.org/es/lds-documents/ under "GRADING PERMITS" tab.
7.	A Will Serve Letter (WSL) from the water purveyor may be required for Building Permit Issuance. WSL may only be processed for purveyors with accepted Water Availability Letters (WAL) on file with County of Ventura Public Works Agency. To confirm WAL acceptance, identify water purveyor here
8.	Offsite grading shown requires a separate grading permit or an offsite permission letter.
9.	Provide representative digital photographs of all property lines and private or public streets adjacent to the proposed grading. Streets shall be documented up to 400 feet from the project site (VCBC § J101.7.1). Emailing photos is acceptable.
10	. Comply with conditions of approval for Planning Project #
11	. Your grading as shown is discretionary. This will require compliance with CEQA.
b. c. d. e.	Where the average natural slope within the area to be graded exceeds 10% and the amount of excavation or fill exceeds 10,000 cubic yards. Where the average natural slope within the area to be graded exceeds 35% and the amount of excavation of fill exceeds 1,000 cubic yards. Where the proposed grading slopes exceed 40 feet in vertical height. Where the proposed grading is within an area officially designated by the County as a Sensitive Ecological, Archaeological, Scenic, or Biological Sensitive Area. Where the total truck roundtrips for the grading operation carrying earth materials exceeds 5 trucks per hour, or occurs during peak traffic hours, or creates a safety hazard for ingress or egress routes such as truck staging, clogging turn pockets, or line of sight. The project site has been cited for unauthorized grading or grading non-compliance. (UN or CC # 100 Show the leastion and extent of the unauthorized grading on the plane.)
	or GC #). Show the location and extent of the unauthorized grading on the plan. The UN or GC Investigation balance due of \$ must be paid prior to issuance of the grading permit.
13	Show the trunk location of all protected trees within the area of grading (including access roads and storage areas). Show the approximate outline of all protected tree canopies with trunks outside the grading area that are within 50' of the limits of grading, including canopies of trees growing on adjacent parcel(s). Contact Planning Div. for tree permit information including a list of protected trees & required setbacks. Visit website: https://vcrma.org/tree-permits-and-the-tree-protection-ordinance . Provide a copy of Planning's Tree Permit or Exemption letter. If no trees are in the area of disturbance or affected per the ordinance then state here:

OK – Satisfactory Page **2** of **6**

14. A watercourse permit from Watershed Protection is required for work in a Red Line Channel, or a flowage easement.
15. The project is located within a FEMA Floodplain. Please complete and submit the Floodplain Development Permit Application packet with the appropriate fee. https://www.vcpublicworks.org/es/lds-documents/ under the "FLOODPLAIN PERMIT" tab.
16. Provide a Zoning Clearance for the project. ZC#
17. Conditions from the Floodplain Development permit FD have been met.
18. Indicate Assessor's Parcel Number(s) on all plan sheets.
19. Indicate Grading Permit number on all plan sheets. Leave the "VCPWA Drawing No." box Blank.
20. Submit Form No. LDS-03 if agent acts on behalf of the owner.
21. No grading in coastal zone October 1 to April 15. Add statement to plans if in coastal zone.
22. Check the CC & R's on the deed and with the Home Owners Association for restrictions on the proposed grading or if not applicable, state "No HOA" here:
23. A Grading Security Bond is required prior to permit issuance. Provide an Engineers estimate of the grading & drainage improvement construction cost.
24. The Grading Permit inspection deposit must be paid prior to permit issuance.
<u>GRADING</u>
25. Provide "Original" existing topography of property to 100 feet beyond project boundaries or as otherwise agreed.
26. Earthwork Quantities of Cut and Fill must be provided. Destination of export, or source of import and haul route is required.
27. Final grade elevations must be shown on Pads and final contours shown on Cut and Fill slopes.
28. Slope grades must be clearly identified (i.e., 2:1 Cut or 2:1 Fill).

OK – Satisfactory Page **3** of **6**

FYI 29. Setbacks must be:

- a. From toe of slope to structure, the setback should be H/2 need not exceed 15 ft.
- b. From top of slope to foundation, the setback should be H/3 need not exceed 40 ft.
- c. From toe of slope to property line, the setback should be H/2 but 2 feet (0.6 m) minimum and need not exceed 20 ft.
- d. From top of slope to property line, the setback should be H/5 but 3 feet (0.6 m) minimum and need not exceed 10 ft.

	30.	A Vicinity Map is needed with sufficient information to find the property in the field. Provide Gate Codes for access to the site.
	31.	The footprint of all structures within 100 feet of the grading disturbed area must be shown.
	32.	Show cross-section(s) as noted on plan.
	33.	An appropriate engineer's scale must be used. Indicate scale graphically and numerically.
	34.	. Indicate true north on the plans.
	35.	Indicate source and verification of base contours. (Typical plan note: "Topography Verification, Contours were verified by field survey dated 00-00-00 by XXX Land Survey Inc.").
	36	Identify cut/fill line(s) and limits of the overall disturbed area of the project.
	<u>FY</u> I 37.	. Use of exposed plastic pipe in areas of high fire hazard may not be prudent.
	38.	All easements must be shown on the property. Construction within easement requires written permission from the easement holder(s). Are all easements shown?
	39.	A legend must be provided that identifies existing and proposed contours, cut/fill daylight lines, over-excavation limits, wall location, property lines, right-of-ways, easements, County/City boundaries, utilities, storm drains, etc.
	40.	Encroachment permit required. Contact the VCPWA Roads & Transportation Dept. and obtain necessary permits.
	41.	All Existing Utilities (subsurface, Exposed, Overhead, Etc.) within the vicinity of the work area shall be shown on the plans. Are all utilities shown?
<u>DRAI</u>	<u>NAGE</u>	
	42.	Building pad drainage must be a minimum of 2%. Impervious surfaces within 10-feet of the building foundation shall be sloped a minimum of 2% away. Ground immediately adjacent to the foundation requires minimum 5% slope away from the building for a

minimum distance of 10-feet. (CBC §1804.4)

OK – Satisfactory Page **4** of **6**

43.	no additional runoff report should include shall include analy demonstrate that the	from the property of the a map showing d rsis for several freq the proposed site dra	pulic calculations are needed to demonstrate occurs as a result of this project. The hydrodrainage areas and estimated runoff. The requency storms (2, 10, 50 and 100 year) ainage will either retain or detain the differ reloped. (VCBC §J105.3.5)	ology eport and
<u>FY</u> I 44.	Diversion or concer	tration of runoff is no	ot allowed.	
45.		g water from an area	n top of all graded slopes greater than 5 for above, with the drainage direction and flow	
46.			of all fill slopes, with drainage direction and standard grading cover sheet.	l flow
47.	intervals on cut and	fill slopes. When onl s greater than 100 fe	all be established at no more than 30 feet ve ly one terrace is required it shall be at mid he eet up to 129 feet in vertical height a terrace	eight.
48.	•		outlets with supporting calculations/letter to serosive. If rip-rap is used, un-grouted ripra	
STOR	MWATER POLLUTI	ON CONTROL		
49.	Development and	Redevelopment Qu	"Stormwater Permit Requirements for uestionnaire". If Post construction BMP's rmwater Program at (805) 662-6737.	
50.	Complete and subm Questionnaire".	nit "DS-07 Stormwate	er Permit Requirements for Construction Acti	vities
51.	Please complete an	d submit the approp	riate Storm Water Quality Form(s).	
	SW-1	SW-2	SW-HR	
52.	one (1) acre of distu WDID# on the plans	rbed area. WDID mus & of copy of the NC	llution Prevention Plan are required for more ust be registered in SMARTS system. Provid DI. See: issues/programs/stormwater/smarts/	
53.		l be planted/stabilize ntify method(s) on pl	ed prior to "Notice of Completion-Grading" lans.	

OK – Satisfactory Page **5** of **6**

GEOTECHNICAL

54.	Geotechnical Reports have been reviewed. An addendum report is required.
55.	Incorporate earthwork recommendations from geotechnical report directly onto grading plans as grading requirements.
56.	Indicate the septic system on the plan. Show cross section if grading and septic system adjoin each other.
57.	Show rock disposal detail if oversized rock is to be incorporated in the fills.
58.	Show benching of slope per soils report.
59.	Show over excavation and re-compaction areas delineated by the soils report.
60.	Complete lower left hand corner of the title sheet. Soils engineer and geologist must Sign and Stamp the cover sheet at final submittal/permit issuance.
<u>ADDITIONAL</u>	_ ITEMS:

^{**}Return all plan check materials with resubmittal. A response is required to all checked items.**

Provide response to all review comments on this checklist or directly on the plan.

COUNTY OF VENTURA



STORMWATER PERMIT REQUIREMENTS FOR NEW DEVELOPMENT AND REDEVELOPMENT QUESTIONNAIRE



Pro	ject In	formation
Pro	ject A	Parcel Number(s): Record Number(s): ddress: Disturbed Area:
Ge	neral D	Description:
Plai Dev	n (PCSI relopme	a County Municipal Stormwater Permit requires implementation of Post-Construction Stormwater Management MP) controls for applicable New Development and Redevelopment projects. The Part 4.E "Planning and Land ant Program" of the Permit (Order No. R4-2010-0108) provides detailed requirements on the design, ation, and maintenance of PCSMP controls (available at https://www.onestoppermits.vcrma.org/).
✓	Please	e place a check mark in all the boxes that apply to project.
Sto	rmwatei	ng questionnaire will determine if the proposed project is subject to Ventura Countywide NPDES Municipal Permit Order No. R4-2010-0108, Part 4.E "Planning and Land Development Program" requirements to element, and maintain PCSMP controls.
1.		this proposed project involve construction of street(s), road(s), highway(s), or freeway adding or creating 0 square feet or more of impervious surface area (refer to the Definition on page 3)?
		Yes , this project shall incorporate USEPA Guidance "Managing Wet Weather with Green Infrastructure: Green Streets" to the maximum extent practicable. For additional information refer to https://www.onestoppermits.vcrma.org/ under Surface Water Quality Section's "Guidelines/Standards". For submittal requirements, refer to item 8 below.
		No, proceed to item 2 below.
2.	Is the	proposed project located within the County Unincorporated Urban areas?
		Yes, proceed to item 3 below.
		No, this proposed project is not subject to PCSMP controls. No further Action.
3.	Is this	application for construction of a Single Family Hillside ¹ Home?
		Yes , this project shall include Post-Construction Requirements for Single-Family Hillside Homes. For additional information refer to https://www.onestoppermits.vcrma.org/ under Surface Water Quality Section's "Guidelines/Standards". For submittal requirements, refer to item 8 below and proceed to item 4 below.
		No, proceed to item 4 below.
4.		application for a New Development project involving creation or addition of impervious surface area (refer to efinition on page 3)?
		Yes, proceed to item 5 below.
		No, proceed to item 6 below.
5.	Please	e check the appropriate box if the proposed New Development project involves any of the following activities:
		Yes , New Development project equal to 1 acre or greater of disturbed area and adding more than 10,000 square feet of impervious surface area (refer to the Definition on page 3);
		Yes, Industrial park 10,000 square feet or more of surface area;

¹ "Hillside" is defined as a project having an Average Natural Slope of 20% or greater. The calculation for Average Natural Slope can be found in the Ventura County Building Code Appendix J.

COUNTY OF VENTURA STORMWATER PERMIT REQUIREMENTS FOR NEW DEVELOPMENT AND REDEVELOPMENT QUESTIONNAIRE

LDS-06

		Yes, Commercial strip mall 10,000 square feet or more of impervious surface area (refer to the Definition page 3);
		Yes, Retail gasoline outlet 5,000 square feet or more of surface area;
		Yes, Restaurant 5,000 square feet or more of surface area;
		Yes , Parking lot 5,000 square feet or more of impervious surface area (refer to the Definition on page 3), or with 25 or more parking spaces;
		Yes, Automotive service facility 5,000 square feet or more of surface area;
		Yes , a project located in or directly adjacent to, or discharging directly to an Environmentally Sensitive Area ² (ESA), where the development will:
		 A) Discharge storm water runoff that is likely to impact a sensitive biological species or habitat; and B) Create 2,500 square feet or more of impervious surface area (refer to the Definition on page 3).
		No, none of the above; this proposed New Development project is not subject to PCSMP Controls. No further Action.
If yo	u chec	k "Yes" in at least one box above (item 5), proceed to item 8 below for required project submittal information.
6.	mainte	posed project a Redevelopment and land-disturbing activity (not an interior remodel, roof replacement, or other enance-related activities) of an existing single-family dwelling ³ and accessory structures that will result in on, addition, or replacement of 10,000 square feet of impervious surface area (refer to the Definition on page
		Yes, the PCSMP controls are required; for project submittal information refer to item 8
		No, proceed to item 7 below.
7.	dwellii	posed Redevelopment and land-disturbing activity (not maintenance) project other than existing single-family ng that will result in creation, addition, or replacement of 5,000 square feet of impervious surface area (refer Definition on page 3) on <u>already developed site</u> ⁴ ?
		Yes, the PCSMP controls are required; for project submittal information refer to item 8
		No, this Redevelopment project is not subject to PCSMP controls. No further Action.
8.	mainte for S http://v	answered " YES " to questions in items 5, 6, or 7, the proposed project is subject to design, construction, and enance of the PCSMP controls in accordance with the Ventura Countywide Technical Guidance Manual (TGM) tormwater Quality Control Measures (The TGM can be found on the VC Stormwater website at www.vcstormwater.org/index.php/publications/manuals/32-technical-guidance-manual). The following items be included in your application package:
	A) B)	Provide the necessary analysis in your Drainage Study to demonstrate that the PCSMP controls will function as proposed including any applicable stormwater quality design flow or volume calculations for proposed treatment device(s) using applicable form ³ (Appendix E&G of the Technical Guidance Manual), and
	U,	j Submit a i ost-constituction stormwater ivianagement Fian (FOSIVIF)

² For complete ESA information, call the Water Quality Engineer at (805) 662-6737.

³ To determine if proposed project meets definition of Redevelopment project, the already developed site shall equal to 1 acre or greater of disturbed area and more than 10,000 ft ² of impervious area shall meet at least one of the criteria listed in items 5 above. For additional information, call the Water Quality Engineer at (805) 662-6737.

⁴ To determine if proposed project meets definition of Redevelopment project, the already developed site shall meet at least one of the criteria listed in items 5 above. For additional information, call the Water Quality Engineer at (805) 662-6737.

⁵ County of Ventura PCSMP form is available at https://www.onestoppermits.vcrma.org/ under Surface Water Quality Section's "Forms" tab. For additional information, call the Water Quality Engineer at (805) 662-6737.

COUNTY OF VENTURA STORMWATER PERMIT REQUIREMENTS FOR NEW DEVELOPMENT AND REDEVELOPMENT QUESTIONNAIRE

LDS-06

Questionnaire was prepared by	:	
Name:	Title:	
Organization Name:		
Signature:	Date:	
ADDITIONAL INFORMATION:		
Documents referenced in this questionna	aire are available at https://www.onestoppermits.vcrma.org/.	

DEFINITION:

Impervious Surface Area - A hard surface area which either prevents or retards the entry of water into the predevelopment soil mantle. Common impervious surfaces include, but are not limited to, roof tops, walkways, patios, driveways, parking lots or storage areas, impermeable concrete or asphalt paving, gravel roads, packed earthen materials, and oiled macadam or other surfaces which similarly impede the natural infiltration of stormwater. For complete definition refer to the 2011 Ventura Countywide Technical Guidance Manual for Stormwater Quality Control Measures available at http://www.vcstormwater.org/index.php/publications/manuals/32-technical-guidance-manual.

For more information refer to https://www.onestoppermits.vcrma.org/ under Surface Water Quality Section or call Water Quality Engineer at (805) 662-6737.

The copy of the Ventura Countywide Technical Guidance Manual (TGM) for Stormwater Quality Control Measures is available at http://www.vcstormwater.org/index.php/publications/manuals/32-technical-guidance-manual.



Signature: _____

COUNTY OF VENTURA



STORMWATER PERMIT REQUIREMENTS FOR CONSTRUCTION ACTIVITIES QUESTIONNAIRE

-	nformation or Parcel Number(s):	Project Address:
		Distrubed Area in Acres:
Manager construct Angeles one acre require	ment Practices (BMPs) at construction sites in order tion wastes to the storm drain system (available at	

Date:

County of Ventura **Stormwater Permit Requirements for Construction Activities** Questionnaire

ADDITIONAL INFORMATION:

Documents referenced in this questionnaire area available at https://www.onestoppermits.vcrma.org/.

DEFINITIONS:

CONSTRUCTION ACTIVITY includes any construction or demolition activity, clearing, grading, grubbing, or excavation or any other activity that results in a land disturbance. Construction does not include emergency construction activities required to immediately protect public health and safety or routine maintenance activities required to maintain the integrity of structures by performing minor repair and restoration work, maintain original line and grade, hydraulic capacity, or original purpose of the facility. See "ROUTINE MAINTENANCE" definition for further explanation. Where clearing, grading or excavating of underlying soil takes place during a repaving operation, State General Construction Permit Order No. 2009-0009-DWQ (CAS000002) coverage is required if more than one acre is disturbed or the activities are a part of a larger plan.

ROUTINE MAINTENANCE - Routine maintenance projects include, but are not limited to projects conducted to:

- Maintain the original line and grade, hydraulic capacity, or original purpose of the facility.
- 2. Perform as needed restoration work to preserve the original design grade, integrity and hydraulic capacity of flood control facilities.
- 3. Includes road shoulder work, re-grading dirt or gravel roadways and shoulders and performing ditch cleanouts.
- 4. Update existing lines^A and facilities to comply with applicable codes, standards, and regulations regardless if such projects result in increased capacity.
- Repair leaks

Routine maintenance does not include construction of new lines^B or facilities resulting from compliance with applicable codes, standards and regulations.

- Notes: A Update existing lines includes replacing existing lines with new materials or pipes.
 - ^B New lines are those that are not associated with existing facilities and are not part of a project to update or replace existing lines.

HIGH RISK SITES:

- Construction sites on hillsides (of a average natural slope of 20% or greater slope, calculation in VCBC); and
- Construction sites that directly discharge¹ to a waterbody listed on the CWA § 303 (d) list for siltation or sediment;
- (iii) Construction activities that occur within or directly adjacent² to an Environmentally Sensitive Area³. Refer to Figure 1 (Ventura County Environmentally Sensitive Areas) illustrating ESA locations in Ventura County.
- Directly Discharge means outflow from a drainage conveyance system that is composed entirely or predominantly of flows from the subject, property, development, subdivision, or industrial facility, and not commingled with the flows from adjacent lands.
- Directly Adjacent means situated within 200 feet of the contiguous zone required for the continued maintenance, function, and structural stability of the environmentally sensitive area.
- Environmentally Sensitive Area (ESA) means an area "in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which would be easily disturbed or degraded by human activities and developments" (Reference: California Public Resources Code § 30107.5). ESAs will include Clean Water Act 303d Listed Water Bodies in all reaches that are unimproved, all California Coastal Commission's Environmentally Sensitive Habitat Areas as delineated on maps in Local Coastal Plans and the Regional Water Quality Control Board's Basin Plan's Rare. Threatened or Endangered Species (RARE) and Preservation of Biological Habitats (BIOL) designated waterbodies. The California Department of Fish and Game's Significant Natural Areas map will be considered for inclusion as the department field verifies the designated locations. Watershed restoration projects will be considered for inclusion as the department field verifies the designated locations.

For information on requirements for Qualified SWPPP Developer (QSD) and Qualified SWPPP Practitioner (QSP), refer to http://www.waterboards.ca.gov/water issues/programs/stormwater/construction.shtml.

For information on requirements for Certified Professionals in Erosion and Sediment Control (CPESC), refer to http://www.cpesc.net/



LDS-11 CONSENT TO OFF-SITE CONSTRUCTION LAND DEVELOPMENT SERVICES 800 S. Victoria Avenue, Ventura, CA 93009 (805) 654-3027 | PWA_LDServices@ventura.org



To Whom It May Concern:

I hereby certify that I am the owner of the property described as:						
Assessor's Parcel Number						
Street address						
I am aware that my neighbor,	,					
is requesting to grade on my property as part	t of grading permit number					
I have reviewed the grading plan prepared by	1					
, dat	ed,					
and I hereby consent to the grading construct	tion on my property.					
I further agree to hold the County of Ventura	free and clear of any damage to					
my property arising from said construction.						
Signature	Date					
	_					
Print Name – Property Owner						



COUNTY OF VENTURA STORMWATER QUALITY MANAGEMENT PROGRAM



BEST MANAGEMENT PRACTICES FOR CONSTRUCTION LESS THAN 1 ACRE

Prior to the issuance of any construction/grading/building permit and/or the commencement of any clearing, grading or excavation, contractors of projects with <u>construction activities that disturb less than one acre of soil</u>, shall prepare and submit this Best Management Practices (BMPs) worksheet on the form provided herein.

The purpose of the implementing BMPs is to effectively prohibit the entry of pollutants from the construction site into the storm drain system during construction. Erosion and sediment source control BMPs should be considered for both active and inactive construction areas. BMPs for wind erosion and dust control are also included. The BMPs may require modification as the project progresses and as conditions warrant.

The BMPs shall be implemented in accordance with the National Pollutant Discharge Elimination System (NPDES) Ventura Countywide Stormwater Municipal Permit No. CAS004002 (Order 10-0108) dated July 8, 2010.

The applicant/owner is responsible for ensuring that all project contractors and subcontractors implement all applicable BMPs.

Project Name Project Information (if applicable) Assessor Parcel Number: Grading Permit No.: **Building Permit No.:** Land Use No.: Conditional Use Permit No.: Subdivision No.: Location: General Description: Construction Start Date: Construction Completion Date: Disturbed Area in Acres: FOR STAFF USE ONLY: Reviewed & Approved Bv: Title: Signature: Date:

Best Management Practices - BMPs

Complete the following charts. The BMPs listed shall be used unless determined not applicable or inadequate. Additional BMPs may apply. BMP descriptions and details can be downloaded from the California Stormwater Handbooks at www.casqa.org or Construction Site Best Management Practices (BMP) Manual https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks

Table A. BMPs at Construction Sites Less than 1 Acre

BMPs Selected – Noted by Ref. ID from the California Stormwater BMP Handbooks			(If no, state reason)
			(ii iio, state reason)
I BMPs			
Scheduling			
Preservation of Existing Vegetation			
iment Control BMPs			
Silt Fence			
Sandbag Barrier			
cking Control BMPs			
Stabilized Construction Entrance/Exit			
r Management BMPs			
Water Conservation Practices			
Dewatering Operations			
nent & Materials Pollution Control BMPs			
Material Delivery & Storage			
Stockpile Management			
Spill Prevention & Control			
Solid Waste Management			
Concrete Waste Management			
Sanitary/Septic Waste Mgmt.			
s Selected	•	•	
	Scheduling Preservation of Existing Vegetation Iment Control BMPs Silt Fence Sandbag Barrier Eking Control BMPs Stabilized Construction Entrance/Exit In Management BMPs Water Conservation Practices Dewatering Operations Inent & Materials Pollution Control BMPs Material Delivery & Storage Stockpile Management Spill Prevention & Control Solid Waste Management Concrete Waste Management Sanitary/Septic Waste Mgmt.	Scheduling Preservation of Existing Vegetation Imment Control BMPs Silt Fence Sandbag Barrier Eking Control BMPs Stabilized Construction Entrance/Exit In Management BMPs Water Conservation Practices Dewatering Operations Intent & Materials Pollution Control BMPs Material Delivery & Storage Stockpile Management Spill Prevention & Control Solid Waste Management Concrete Waste Management Sanitary/Septic Waste Mgmt.	Scheduling Preservation of Existing Vegetation Imment Control BMPs Silt Fence Sandbag Barrier Sking Control BMPs Stabilized Construction Entrance/Exit In Management BMPs Water Conservation Practices Dewatering Operations Imment & Materials Pollution Control BMPs Material Delivery & Storage Stockpile Management Spill Prevention & Control Solid Waste Management Concrete Waste Management Sanitary/Septic Waste Mgmt.

Certification

Project Architect/ Engineer of Record, or Authorized Qualified Designee:

As the architect, or engineer of record, or authorized qualified designee, I have selected appropriate BMPs to effectively minimize the negative impacts of this project's construction activities on storm water quality. The project owner and contractor are aware that the selected BMPs must be installed, monitored, and maintained to ensure their effectiveness. The BMPs not selected for implementation are redundant or deemed not applicable to the proposed construction activity.

	11	•
Name:	Title:	
Organization Name:		
Signature:	Date:	
Property Owner/ Owner's I	Representative or Designee:	
accordance with a system of the information submitted. Be those persons directly responded belief, the information submand/ or inaccurate information failing to properly and/ or ad	and all attachments were prepared under my designed to ensure that qualified personnel probased on my inquiry of the person or persons vonsible for gathering the information, to the buitted is true, accurate, and complete. I am a tion, failing to update the Local SWPPP to reflequately implement the Local SWPPP may reser sanctions provided by law.	operly gather and evaluate who manage the system of best of my knowledge and ware that submitting false flect current conditions, of
Name:	Title:	
Organization Name:		
Signature:	Date:	



SW-2



COUNTY OF VENTURA STORMWATER QUALITY MANAGEMENT PROGRAM

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION SITES ONE ACRE OR LARGER

Prior to the issuance of any construction/grading/building permit and/or the commencement of any clearing, grading or excavation, contractors of projects with <u>construction activities that disturb one acre or more</u> shall prepare and submit this Best Management Practices (BMPs) worksheet and include certification statements from the qualified designer and each landowner (or the landowner's agent).

The purpose of the implementing BMPs is to effectively prohibit the entry of pollutants from the construction site into the storm drain system during construction. Erosion and sediment source control BMPs should be considered for both active and inactive construction areas. BMPs for wind erosion and dust control are also included. The BMPs may require modification as the project progresses and as conditions warrant.

The BMPs shall be implemented in accordance with the National Pollutant Discharge Elimination System (NPDES) Ventura Countywide Stormwater Municipal Permit No. CAS004002 (Order 10-0108) dated July 8, 2010.

The applicant/owner is responsible for ensuring that all project contractors and subcontractors implement all applicable BMPs.

Project Name		
Project Information (if applicable)		
Assessor Parcel Number:	Grading Permit No.:	
Building Permit No.:	Land Use No.:	
Conditional Use Permit No.:	Subdivision No.:	
Location:		
General Description:		
Construction Start Date:		
Construction Completion Date:		
Disturbed Area in Acres:		
FOR STAFF USE ONLY: Reviewed & Approved By:	<u>Title:</u>	
Signature:	Date:	

Best Management Practices - BMPs

Complete the following charts. The BMPs listed shall be used unless determined not applicable or inadequate. Additional BMPs may apply. BMP descriptions and details can be downloaded from the California Stormwater Handbooks at www.casqa.org or Construction Site Best Management Practices (BMP) Manual https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks

Table A. Minimum BMPs Required* for Construction Sites 1 acre or Greater

BMPs Selec	Use	ВМР	* //5					
	California Stormwater BMP Handbooks			* (If no, state reason)				
Erosion Con	Erosion Control BMPs							
EC-1 or SS-1	Scheduling							
EC-2 or SS-2	Preservation of existing Vegetation							
EC-3 or SS-3	Hydraulic Mulch							
EC-4 or SS-4	Hydroseeding							
EC-5 or SS-5	Soil Binders							
EC-6 or SS-6	Straw Mulch							
EC-7 or SS-7	Geotextiles and Mats							
EC-8 or SS-8	Wood Mulching							
Temporary S	ediment Control BMPs							
SE-1 or SC-1	Silt Fence							
SE-5 or SC-5	Fiber Rolls							
SE-6 or SC-6	Gravel Bag Berm							
SE-7 or SC-7	Street Sweeping and/or Vacuum							
SE-8 or SC-8	Sandbag Barrier							
SE-10 or SC-10	Storm Drain Inlet Protection							
Temporary T	racking Control BMPs		•					
TC-1	Stabilized Construction Entrance/Exit							

BMPs Selected – Noted by Ref. ID from the		USE BMP		* () = = = = = = = = = = = = = = = = = =
	California Stormwater BMP Handbooks		No*	* (If no, state reason)
TC-2	Stabilized Construction Roadway			
TC-3	Entrance/Exit Tire Wash			
Non-Stormwa	iter Management BMPs			
NS-1	Water Conservation Practices			
NS-2	Dewatering Operations			
NS-8	Vehicle and Equipment Washing			
NS-9	Vehicle and Equipment Fueling			
WE-1	Wind Erosion Controls			
Waste Manag	ement & Materials Pollution Control B	BMPs		
WM-1	Material Delivery & Storage			
WM-3	Stockpile Management			
WM-4	Spill Prevention & Control			
WM-5	Solid Waste Management			
WM-8	Concrete Waste Management			
WM-9	Sanitary/Septic Waste Management			
Additional B	MPs Selected	1	•	
	L	I .	1	1

Table B. Additional BMPs Required* for Construction Sites 5 acres and Greater Not

□ Applicable (check here for projects between 1 and 5 acres)

BMPs Selec	Use BMP		* /15			
California	California Stormwater BMP Handbooks			* (If no, state reason)		
Sediment Co	Sediment Control BMPs					
SE-2 or SC-2	Sediment Basin					
SE-4 or SC-4	Check Dam					
Tracking Control BMPs						
TR-1 or TC-1	Stabilized Construction Entrance/Exit					

BMPs Selected – Noted by Ref. ID from the		Use BMP		* (16 mg state masses)					
Californi	California Stormwater BMP Handbooks			* (If no, state reason)					
Non-Stormv	Non-Stormwater Management BMPs								
NS-10	Vehicle and Equipment Maintenance								
Waste Man	agement and Materials Pollution Co	ontrol BM	Ps						
WM-1	Material Delivery and Storage								
WM-4	Spill Prevention and Control								
WM-8	Concrete Waste Management								
WM-9	Sanitary Septic Waste								
Additional E	Additional BMPs Selected								

Certification

Project Architect/ Engineer of Record, or Authorized Qualified Designee:

As the architect, or engineer of record, or authorized qualified designee, I have selected appropriate BMPs to effectively minimize the negative impacts of this project's construction activities on storm water quality. The project owner and contractor are aware that the selected BMPs must be installed, monitored, and maintained to ensure their effectiveness. The BMPs not selected for implementation are redundant or deemed not applicable to the proposed construction activity.

Name:	Title:	
Organization Name:		
Signature:	Date:	
Property Owner/ Owner's Rep	oresentative or Designee:	
accordance with a system de evaluate the information submithe system or those persons of knowledge and belief, the inforsubmitting false and/ or inaccurrent conditions, or failing to	I all attachments were prepared under my lesigned to ensure that qualified personitted. Based on my inquiry of the personitrectly responsible for gathering the information submitted is true, accurate, and curate information, failing to update the properly and/ or adequately implementation of other permits or other sanctions produced.	onnel properly gather and nor persons who manage ormation, to the best of my complete. I am aware that a Local SWPPP to reflect the the Local SWPPP may
Name:	Title:	
Organization Name:		
Signature:	Date:	



SW-HR COUNTY OF VENTURA STORMWATER QUALITY MANAGEMENT PROGRAM



ENHANCED BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AT <u>HIGH RISK SITES</u>

Prior to the issuance of any construction/grading/building permit and/or the commencement of any clearing, grading or excavation, contractors of projects with <u>construction activities at High Risk Sites</u>, shall prepare and submit this Enhanced Best Management Practices (BMPs) worksheet on the form provided herein.

High Risk Sites include:

- (i) Construction sites on hillsides (where the existing slope is 20% or greater in the area of disturbance); or
- (ii) Construction sites that **directly discharge**¹ to a waterbody listed on the CWA § 303 (d) list for siltation or sediment; or
- (iii) Construction activities that occur within or **directly adjacent**² to an **Environmentally Sensitive Areas**³ **(ESAs)**. Refer to Figure 1 (Ventura County Environmentally Sensitive Areas) illustrating ESA locations in Ventura County, available at https://www.onestoppermits.vcrma.org/.
- Directly Discharge means outflow from a drainage conveyance system that is composed entirely or predominantly of flows from the subject, property, development, subdivision, or industrial facility, and not commingled with the flows from adjacent lands.
- Directly Adjacent means situated within 200 feet of the contiguous zone required for the continued maintenance, function, and structural stability of the environmentally sensitive area.
- Environmentally Sensitive Area (ESA) means an area "in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which would be easily disturbed or degraded by human activities and developments" (Reference: California Public Resources Code § 30107.5). ESAs will include Clean Water Act 303d Listed Water Bodies in all reaches that are unimproved, all California Coastal Commission's Environmentally Sensitive Habitat Areas as delineated on maps in Local Coastal Plans and Regional Water Quality Control Board's Basin Plan Rare, Threatened or Endangered Species (RARE) and Preservation of Biological Habitats (BIOL) designated waterbodies. The California Department of Fish and Game's Significant Natural Areas map will be considered for inclusion as the department field verifies the designated locations. Watershed restoration projects will be considered for inclusion as the department field verifies the designated locations.

The purpose of the implementing BMPs is to effectively prohibit the entry of pollutants from the construction site into the storm drain system during construction. Erosion and sediment source control BMPs should be considered for both active and inactive (previously disturbed) construction areas. BMPs for wind erosion and dust control are also included. The BMPs may require modification as the project progresses and as conditions warrant.

The BMPs shall be implemented in accordance with the National Pollutant Discharge Elimination System (NPDES) Ventura Countywide Municipal Stormwater Permit No. CAS004002 (Order 10-0108) dated July 8, 2010.

The applicant/owner is responsible for ensuring that all project contractors and subcontractors implement all applicable BMPs.

Project Name

Project Information (if applicable)	
Assessor Parcel Number:	Grading Permit No.:
Building Permit No.:	Land Use No.:
Conditional Use Permit No.:	Subdivision No.:
Location:	
General Description:	
Construction Start Date:	
Construction Completion Date:	
Disturbed Area in Acres:	
FOR STAFF USE ONLY: Reviewed & Approved By:	Title:
Signature:	Date:

Enhanced Best Management Practices (BMPs)

Complete the following charts. The BMPs listed shall be used unless determined not applicable or inadequate. Additional BMPs may apply. BMP descriptions and details can be downloaded from the California Stormwater Handbooks at www.casqa.org or Construction Site Best Management Practices (BMP) Manual https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks

Table A. Enhanced BMPs for Construction at High Risk Sites

BMPs Selected – Noted by Ref. ID from the California		Use BMP		(If no state reason)		
Stor	mwater BMP Handbooks	Yes	No	(If no, state reason)		
Erosion Control E	Erosion Control BMPs					
EC-1 or SS-1	Scheduling					
EC-2 or SS-2	Preservation of Existing Vegetation					
EC-3 or SS-3	Hydraulic Mulch					
EC-4 or SS-4	Hydroseeding					
EC-5 or SS-5	Soil Binders					
EC-6 or SS-6	Straw Mulch					

BMPs Selected – Noted by Ref. ID from the California Stormwater BMP Handbooks		Use BMP		(If no state recen)
		Yes	No	(If no, state reason)
EC-7 or SS-7	Geotextiles and Mats			
EC-8 or SS-8	Wood Mulching			
EC-11 or SS-11	Slope Drains			
Temporary Sedim	ent Control BMPs			
SE-1 or SC-1	Silt Fence			
SE-2 or SC-2	Sediment Basin			
SE-4 or SC-4	Check Dam			
SE-5 or SC-5	Fiber Rolls			
SE-6 or SC-6	Gravel Bag Berm			
SE-7 or SC-7	Street Sweeping and/or Vacuum			
SE-8 or SC-8	Sand Bag Barrier			
SE-10 or SC-10	Storm Drain Inlet Protection			
SE-11	Active Treatment Systems ¹			
Temporary Tracki	ng Control BMPs			
TC-1	Stabilized Construction Entrance/Exit			
TC-2	Stabilized Construction Roadway			
TC-3	Entrance/Exit Tire Wash			
Non-Stormwater M	Management BMPs			
NS-1	Water Conservation Practices			
NS-2	Dewatering Operations			
NS-8	Vehicle and Equipment Washing			
NS-9	Vehicle and Equipment Fueling			
NS-10	Vehicle and Equipment Maintenance			
WE-1	Wind Erosion Controls			
Waste Manageme	nt & Materials Pollution Control BMPs			
WM-1	Material Delivery & Storage			
WM-3	Stockpile Management			
WM-4	Spill Prevention & Control			
WM-5	Solid Waste Management			
WM-8	Concrete Waste Management			
WM-9	Sanitary/Septic Waste Mgmt.			

BMPs Selected -	 Noted by Ref. ID from the California rmwater BMP Handbooks 	Use BMP		(If no, state reason)
Stor		Yes	No	(ii iio, state reason)
Additional BMPs	Selected			

¹ If appropriate given natural background stormwater runoff and receiving water quality conditions.

Enhanced BMP Inspection Requirements

Construction activity projects at high risk sites shall be inspected by the project proponent's:

- (a). Qualified Stormwater Pollution Prevention Plan (SWPPP) Developer*,
- (b). Qualified SWPPP Practitioner*, or
- (c). Personnel or contractors who are Certified Professionals in Erosion and Sediment Control (CPESC)**

Notes:

- * Qualified SWPPP Developer/Practitioner for more information: e-mail stormwater@waterboards.ca.gov, call (916) 341-5537, or visit http://www.swrcb.ca.gov/water_issues/programs/stormwater/constpermits.shtml
- ** Certified Professionals in Erosion and Sediment Control (CPESC) for more information: email: info@cpesc.org, call (828) 655-1600, or visit http://www.cpesc.org/

The inspection frequency for construction activity projects at high risk sites must be:

- (i) at the time of BMP installation,
- (ii) at least weekly during the wet season, and
- (iii) at least once each 24 hour period during a storm event that generates runoff from the site.

The inspection purpose is to identify BMPs that need maintenance to operate effectively, that have failed or could fail to operate as intended. All records of the inspection shall be retained.

During the wet season (October 1 through April 15), the area of disturbance shall be limited to the area that can be controlled with an effective combination of erosion and sediment control BMPs. Enhanced sediment controls should be used in combination with erosion controls and should target portions of the site that cannot be effectively controlled by standard erosion controls described above.

Certification

Project Architect/ Engineer of Record, or Authorized Qualified Designee:

As the architect, or engineer of record, or authorized qualified designee, I have selected appropriate BMPs to effectively minimize the negative impacts of this project's construction activities on storm water quality. The project owner and contractor are aware that the selected BMPs must be installed, monitored, and maintained to ensure their effectiveness. The BMPs not selected for implementation are redundant or deemed not applicable to the proposed construction activity.

Name:	Title:	
Organization Name:		
Signature:	Date:	
Property Owner/ Owner's Re	presentative or Designee:	
accordance with a system dest the information submitted. Bas those persons directly respon- belief, the information submitt and/ or inaccurate information	nd all attachments were prepared under my signed to ensure that qualified personnel prosed on my inquiry of the person or persons to sible for gathering the information, to the leted is true, accurate, and complete. I am and the first implement the Local SWPPP to respect to the sanctions provided by law.	roperly gather and evaluate who manage the system or best of my knowledge and aware that submitting false offect current conditions, or
Name:	Title:	
Organization Name:		
Signature:	Date:	

Attachment 1 to SW-HR

Inspection Checklist for Construction Activities at High Risk Sites

Qualified Stormwater Pollution Prevention Plan (SWPPP) Developer, Qualified SWPPP Practitioner, or personnel or contractors who are Certified Professionals in Erosion and Sediment Control (CPESC) shall conduct site inspection at the time of BMP installation, at least weekly during the wet season (October 1 through April 15), and at least once each 24 hour period during a storm event that generates runoff from the site using this checklist. Keep a copy of the completed inspection checklist with the project form SW-HR for the "Construction Activities at High Risk Sites" on site.

DATE	OF INSPECTION:
INSP	ECTION TYPE – check as applicable:
	at the time of BMP installation
	at least weekly during the wet season
	at least once each 24 hour period during a storm event that generates runoff from the site.
Proje	ct Name:
Inspe	ctor's Name:
Inspe	ctor - check below as applicable:
□ Qu	alified SWPPP Developer
Weat	ner Conditions during inspection:

	Item	omplia compl NO	ance ished N/A	Date Completed
1	Are enhanced BMPs installed as identified in the project's SW-HR form?			
2	Are installed enhanced BMPs effective?			
3	Is the site entrance stabilization adequate?			
4	Is equipment/vehicles parked in designated areas and free from significant leaks? Are drip pans present as needed?			
5	Are maintenance areas free from stains on the soil?			
6	Are all materials stored in bins or covered in plastic and protected from storm water?			

Attachment 1 to SW-HR Continued

		Co	Compliance		
	ltem	Accomplished			Date Completed
		YES	NO	N/A	
7	Is construction waste being disposed of in proper trash containers?				
8	Are concrete washout stations present and being utilized and maintained?				
9	Is fugitive dust being controlled and water being used as needed?				
10	Are catch basins, drainage channels, drain inlets/outlets being protected?				
Com	ments:				
	tify under penalty of law that this inspection is true ormed the required inspection as required.	e, and I	or a	qualified	assigned person has
Insp	ector Name: Inspec	ctor Sig	natur	e:	
Date	:				

GENERAL GRADING NOTES ENGINEERED GRADING INSPECTION CERTIFICATES GRADING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE VENTURA COUNTY BUILDING CODE (VCBC) APPENDIX J - GRADING, LATEST EDITION AND VENTURA COUNTY PUBLIC JOB ADDRESS OR LOT AND TRACT NO: _____ 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. **ROUGH GRADING CERTIFICATION** 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 (A) BY GEOTECHNICAL ENGINEERING PROFESSIONAL JURISDICTIONAL AGENCIES WHEN REQUIRED. I CERTIFY THAT THE ROUGH GRADING WORK INCORPORATES ALL RECOMMENDATIONS CONTAINED IN THE REPORT OR REPORTS FOR WHICH I AM RESPONSIBLE 4. THE PERMITTEE SHALL BE RESPONSIBLE FOR DETERMINING THE EXISTENCE AND LOCATION OF ANY EXISTING UNDERGROUND FACILITIES. AND ALL RECOMMENDATIONS THAT I HAVE MADE BASED ON FIELD INSPECTION OF THE WORK AND TESTING DURING GRADING. I FURTHER CERTIFY THAT WHERE 5. AN EXCAVATOR PLANNING TO CONDUCT AN EXCAVATION SHALL NOTIFY UNDERGROUND SERVICE ALERT--SOUTHERN CALIFORNIA (TOLL FREE AT 811) AT LEAST TWO WORKING THE REPORTS OF A GEOLOGICAL PROFESSIONAL, RELATIVE TO THIS SITE, HAVE RECOMMENDED THE INSTALLATION OF BUTTRESS FILLS OR OTHER SIMILAR DAYS, AND NOT MORE THAN 14 CALENDAR DAYS. BEFORE BEGINNING THAT EXCAVATION, THE EXCAVATOR SHALL OBTAIN A DIGALERT TICKET REQUESTING THE UTILITY OWNERS STABILIZATION MEASURES, SUCH EARTHWORK CONSTRUCTION HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED DESIGN. 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 LOT NOS: 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 -FOR TEST DATA, RECOMMENDED ALLOWABLE SOIL BEARING VALUES & OTHER SPECIAL RECOMMENDATIONS. 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. GEOTECHNICAL ENGINEERING PROFESSIONAL 9. RETAINING WALLS, BRIDGES, AND OTHER STRUCTURES REQUIRE A SEPARATE PERMIT FROM BUILDING AND SAFETY. (SIGNATURE) 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. (B) BY GEOLOGICAL PROFESSIONAL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED FULLY FUNCTIONAL. I CERTIFY THAT THE ROUGH GRADING WORK INCORPORATES ALL OF THE RECOMMENDATIONS CONTAINED IN THE REPORT OR REPORTS FOR WHICH I AM 12. ALL AREAS TO RECEIVE FILL SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEERING PROFESSIONAL (AND GEOLOGICAL PROFESSIONAL WHERE EMPLOYED) RESPONSIBLE AND ALL RECOMMENDATIONS THAT I HAVE MADE BASED ON FIELD INSPECTION OF THE WORK DURING GRADING. AND VCPWA INSPECTOR AFTER REMOVAL OF UNSUITABLE MATERIAL AND EXCAVATION OF KEYWAYS AND BENCHES. AND PRIOR TO PLACEMENT OF SUBSURFACE DRAINAGE 13. ALL MATERIALS DEEMED UNSUITABLE FOR PLACEMENT IN COMPACTED FILL (I.E. LUMBER, LOGS, BRUSH, COMPRESSIBLE SOILS, OR ANY ORGANIC MATERIALS OR RUBBISH) SHALL BE REMOVED FROM THE SITE. MATERIALS SUCH AS CONSTRUCTION INERT DEBRIS, OR IMPORTED MATERIALS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEERING PROFESSIONAL AND VCPWA GRADING INSPECTOR 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. GEOLOGICAL PROFESSIONAL __ 14. THE GEOTECHNICAL ENGINEERING PROFESSIONAL SHALL DIRECT THE REMOVAL OF ANY EXISTING UNDERGROUND STRUCTURES SUCH AS SEPTIC TANKS, IRRIGATION LINES, 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 (C) BY CIVIL ENGINEER MODIFICATION, ABANDONMENT, OR DESTRUCTION. I CERTIFY TO THE SATISFACTORY COMPLETION OF ROUGH GRADING INCLUDING GRADING TO APPROXIMATE FINAL ELEVATIONS: PROPERTY LINES LOCATED AND 17. ALL TEMPORARY EXCAVATIONS AND KEYS FOR BUTTRESS OR STABILIZATION FILLS MUST BE EXAMINED BY THE GEOLOGICAL PROFESSIONAL, GEOTECHNICAL ENGINEERING STAKED, CUT AND FILL SLOPES CORRECTLY GRADED AND LOCATED IN ACCORDANCE WITH THE APPROVED DESIGN; SWALES AND TERRACES GRADED READY FOR PROFESSIONAL, AND VCPWA INSPECTOR TO ENSURE THAT ALL POTENTIAL PLANES OF FAILURE HAVE BEEN EXPOSED IN THE EXCAVATION AND WILL BE ADEQUATELY PAVING: BERMS INSTALLED: AND REQUIRED DRAINAGE SLOPES PROVIDED ON THE BUILDING PADS. I FURTHER CERTIFY THAT WHERE REPORT OR REPORTS OF A SUPPORTED BY THE PROPOSED BUTTRESS. FIELD CERTIFICATION MUST BE SUBMITTED BY THE CONSULTANTS PRIOR TO PLACING FILL. 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. 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. LOT NOS: 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 AS REQUIRED BY VCBC OR OTHERWISE 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 **GRADING CONTRACTOR CERTIFICATION** 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 BY GRADING CONTRACTOR 23. HORIZONTAL AND VERTICAL LOCATION AND ACCURACY OF CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE PERMITTEE AND MAY REQUIRE VERIFICATION BY LICENSED I CERTIFY THAT THE GRADING WAS DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS, THE GRADING ORDINANCE, AND THE RECOMMENDATIONS OF LAND SURVEYOR WHEN ADJACENT TO PROPERTY LINES. THE CIVIL ENGINEER, GEOTECHNICAL ENGINEERINGING 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 **EARTHWORK QUANTITIES** PROFESSIONAL SKILLS. GRADING CONTRACTOR _____ _____ LICENSE NO. _____ DATE ____ CU. YDS. EXPORT: _____ CU. YDS. DISPOSAL SITE THIS PROJECT INCLUDES POST CONSTRUCTION BMP'S ______YES _____NO **FINAL GRADING CERTIFICATION** 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 BY CIVIL ENGINEER I CERTIFY TO THE SATISFACTORY COMPLETION OF GRADING IN ACCORDANCE WITH THE APPROVED PLANS. ALL DRAINAGE DEVICES REQUIRED BY THE GRADING AVERAGE NATURAL SLOPE IN THE AREA OF GRADING % (CALCULATED PER VCBC SECTION J102.1) 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. 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 ublicworks.org/es/developmentinspection FOR A MEMORANDUM BY THE VENTURA COUNTY WATERSHED PROTECTION THAT PROVIDES INFORMATION FOR SEEDING GRADED CIVIL ENGINEER _ LAND DEVELOPMENT SERVICES MUST BE NOTIFIED TEN (10) WORKING DAYS PRIOR TO ANY EXPORT/IMPORT TO/FROM THE PROJECT SITE. (SIGNATURE **PERMITS AS-BUILT DRAWING CERTIFICATION** VENTURA COUNTY PWA - WATERSHED PROTECTION VENTURA COUNTY PWA - ROADS & TRANSPORTATION ENCROACHMENT PERMIT NO. WATERCOURSE PERMIT NO. 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. CALTRANS VENTURA COUNTY PWA - LAND DEVELOPMENT SERVICES ENCROACHMENT PERMIT NO. FLOODPLAIN DEVELOPMENT PERMIT NO. CIVIL ENGINEER **LOCATION & VICINITY MAP** APPROVAL BY CONSULTANTS OWNER/APPLICANT THIS GRADING PLAN IS ACCEPTABLE IN REGARD TO GEOTECHNICAL (AND GEOLOGICAL - IF APPLICABLE) CONDITIONS AND CONFORMS TO THE RECOMMENDATION OF THE SUPPORTIVE REPORT(S) DATED: OWNER / APPLICANT NAME OWNER / APPLICANT ADDRESS GEOTECHNICAL ENGINEERING REPORTS: OWNER / APPLICANT PHONE NUMBER OWNER / APPLICANT EMAIL (GEOTECHNICAL PROFESSIONAL SIGNATURE) COMPANY PHONE NUMBER BENCH MARK DATA COMPANY EMAIL (RCE/GE NO.) GEOLOGICAL REPORTS COMPANY NAME **TOPOGRAPHY DATA** (GEOLOGICAL PROFESSIONAL SIGNATURE COMPANY ADDRESS COMPANY PHONE NUMBER [TOPO SOURCE COMPANY WITH COMPLETE ADDRESS] [TOPO SOURCE METHOD (ie. ALTA, PHOTO, FIELD, ETC.)] TOPO SOURCE DATE] HEREBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH THE ADOPTED COUNTY STANDARDS, AND IAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN THE PROFESSIONAL ENGINEERS ACT. I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS BY THE COUNTY OF VENTURA IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF RECORD, OF MY RESPONSIBILITIES FOR PROJECT DESIGN. COMPANY NAME Know what's **below**. (CIVIL ENGINEER SIGNATURE) COMPANY ADDRESS Call before you dig. COMPANY PHONE NUMBER COMPANY EMAIL (PRINT NAME) (RCE NO.) APPROVED FOR GRADING & DRAINAGE IMPROVEMENTS:

RCE | DATE | APP. | APP. DATE | PLAN DATE: MM/DD/YYYY

DESCRIPTION OF REVISION

REV. AUG 2022

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 FORMS SW-1, SW-2, OR SW-HR.

- 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 PERMIT ORDER NO. R4-2010-0108, 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.

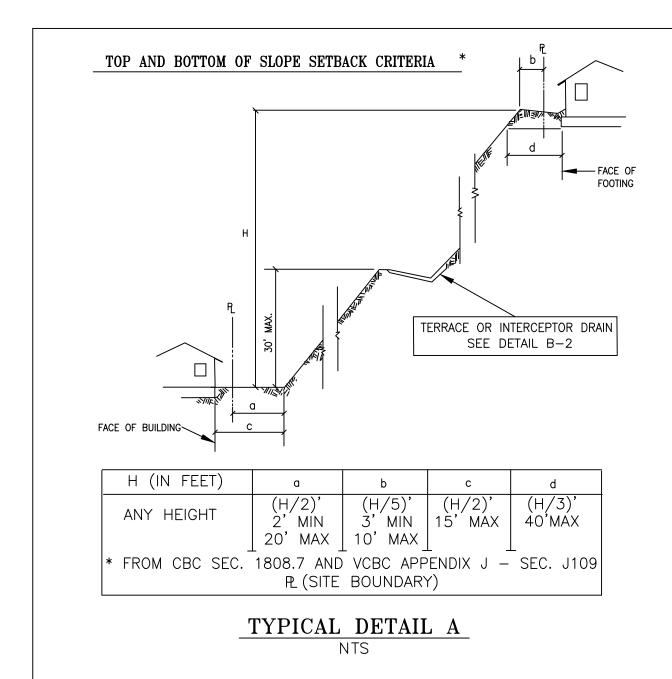
PROJECT BMP'S

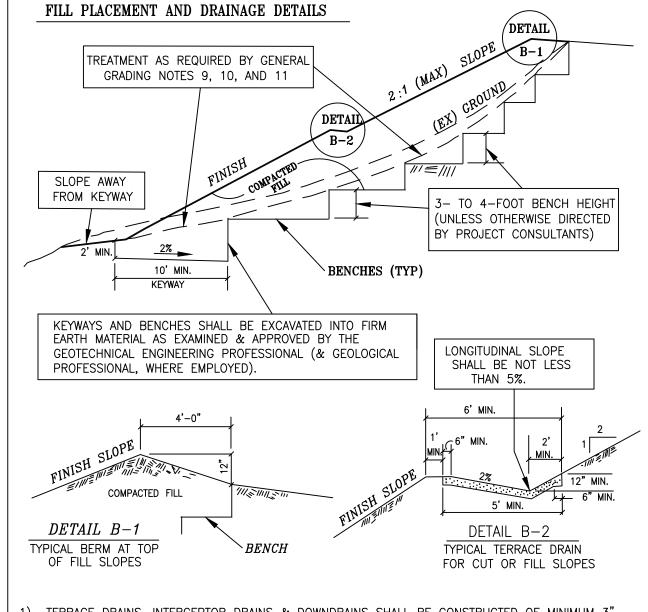
THE FOLLOWING BMPS AS OUTLINED IN, BUT NOT LIMITED TO, THE LATEST EDITION OF THE CASQA CONSTRUCTION BMP ONLINE HANDBOOK MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE PROJECT ENGINEER, QUALIFIED SWPP DEVELOPER, PRACTITIONER OR THE BUILDING OFFICIAL). CERTAIN BMP'S ARE REQUIRED AS PART OF THE STORMWATER FORMS SW-1, SW-2 AND SW-HR. 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

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
TEMPORARY SEDIMENT CONTROL	NS16 – TEMPORARY BATCH PLANTS
SE1 – SILT FENCE	WASTE MANAGEMENT & MATERIAL POLLUTION CONTROL
SE2 – SEDIMENT BASIN	WM1 – MATERIAL DELIVERY & STORAGE
SE3 – SEDIMENT TRAP	WM2 – MATERIAL USE
SE4 – CHECK DAM	WM3 – STOCKPILE MANAGEMENT
SE5 – FIBER ROLLS	WM4 – SPILL PREVENTION & CONTROL
SE6 – GRAVEL BAG BERM	WM5 – SOLID WASTE MANAGEMENT
SE7 – STREET SWEEPING AND VACUUMING	WM6 – HAZARDOUS WASTE MANAGEMENT
SE8 – SANDBAG BARRIER	WM7 – CONTAMINATION SOIL MANAGEMENT
SE9 – STRAW BALE BARRIER	WM8 – CONCRETE WASTE MANAGEMENT
SE10 – STORM DRAIN INLET PROTECTION	WM9 – SANITARY/SEPTIC WASTE MANAGEMENT
SE11 – ACTIVE TREATMENT SYSTEMS	WM10 – LIQUID WASTE MANAGEMENT
SE12 – TEMPORARY SILT DIKE	
SE13 – COMPOST SOCKS & BERMS	ADDITIONAL BMP'S SELECTED
SE14 – BIOFILTER BAGS	
WIND EROSION CONTROL	
WE1 – WIND EROSION CONTROL	
EQUIPMENT TRACKING	
TC1 – STABILIZED CONSTRUCTION ENTRANCE EXIT	
TC2 – STABILIZED CONSTRUCTION ROADWAY	
TC3 – ENTRANCE/OUTLET TIRE WASH	





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

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

VENTURA COUNTY
PUBLIC WORKS AGENCY
LAND DEVELOPMENT SERVICES

LAND DEVELOPMENT SERVICES

VENTURA COUNTY PUBLIC WORKS AGENCY

ENGINEERING SERVICES

SPEC. NO.

PROJ. NO.

GRADING PLAN COVER SHEET
[PROJECT NAME]
[PROJECT ADDRESS(ES)]

SHEET____OF___VCPWA DRAWING NO.

Know what's below.
Call before you dig.

REV. AUG 2022

SHEET_		
OF_		
VCPWA	DRAWING	NO.

4						APPROVED FOR GRADING & DRAINAGE IMPROVEMENTS:	VENTURA COUNTY SPEC. NO.	[SHEET TITLE]	SHEET
3							VENTURA COUNTY	[OHEET HILE]	
2							PUBLIC WORKS AGENCY PROJ. NO.	[PROJECT NAME]	
$\overline{\mathbb{A}}$						LAND DEVELOPMENT SERVICES DATE			VCPWA DRAWING NO.
	DESCRIPTION OF REVISION F	CE DAT	APP. APP. DATI	FI PLAN DATE: MM/DD/YYYY	PREP BY: XXX	VENTURA COUNTY PUBLIC WORKS AGENCY	LAND DEVELOPMENT SERVICES	[PROJECT ADDRESS(ES)]	