



CITY OF VISTA

Storm Water and Erosion Control Notes

1. TOTAL AREA OF LAND DISTURBANCE = _____ACRES.
2. THIS PROJECT IS SUBJECT TO ALL APPLICABLE GENERAL AND PROJECT SPECIFIC PROHIBITIONS AND REQUIREMENTS IN CHAPTERS 13.18, AND 17.56 OF THE VISTA MUNICIPAL CODE, AND THE CITY STORMWATER STANDARDS MANUAL.
3. BMPS AT MANNED FACILITIES MUST BE INSPECTED BY THE EROSION CONTROL CONTRACTOR BEFORE AND FOLLOWING PREDICTED RAIN EVENTS. BMPS AT UNMANNED FACILITIES MUST BE INSPECTED BY THE DISCHARGER REGULARLY DURING THE RAINY SEASON AND PERIODICALLY BETWEEN EACH RAINY SEASON. THESE BMPS MUST BE MAINTAINED SO THAT THEY CONTINUE TO FUNCTION AS DESIGNED. BMPS WHICH FAIL MUST BE REPAIRED AS SOON AS IT IS SAFE TO DO SO. IF THE FAILURE OF A BMP INDICATES THAT THE BMPS IN USE ARE INAPPROPRIATE OR INADEQUATE TO THE CIRCUMSTANCES, THE BMPS MUST BE MODIFIED OR UPGRADED TO PREVENT ANY FURTHER FAILURE IN THE SAME OR SIMILAR CIRCUMSTANCES.
4. IN THE EVENT OF FAILURE OR REFUSAL TO PROPERLY MAINTAIN SAID DEVICES, THE LAND DEVELOPMENT ENGINEER MAY CAUSE EMERGENCY MAINTENANCE WORK TO BE DONE TO PROTECT ADJACENT PRIVATE AND PUBLIC PROPERTY, THE COST (INCLUDING AN INITIAL MOBILIZATION AMOUNT) OF WHICH SHALL BE CHARGED TO THE OWNER.
5. SEDIMENTATION BASINS MAY NOT BE REMOVED OR MADE INOPERATIVE WITHOUT PRIOR APPROVAL OF THE LAND DEVELOPMENT ENGINEER.
6. TEMPORARY EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS THE WORK PROGRESSES AS RECOMMENDED BY THE ENGINEER OF WORK AND AS APPROVED BY THE LAND DEVELOPMENT ENGINEER.
7. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATIONS, AND PERIODICALLY THEREAFTER, AS DIRECTED BY THE INSPECTOR.
8. A 12 INCH HIGH BY 4-FOOT WIDE BERM SHALL BE MAINTAINED ALONG THE TOP OF SLOPE OF THOSE FILLS ON WHICH GRADING IS NOT IN PROGRESS. CONCENTRATED WATER SHALL BE CARRIED NOT CLOSER THAN 10 FEET FROM THE TOP OF SLOPES.
9. STAND-BY CREWS SHALL BE ALERTED BY THE CONTRACTOR, PERMITTEE, OR OWNER FOR EMERGENCY WORK DURING RAINSTORMS.
10. ALL UTILITY TRENCHES SHALL BE BACKFILLED WITHIN 24 HOURS AND MUST BE BACKFILLED BEFORE THE END OF THE WORK DAY IF A 40% CHANCE OF RAIN IS PREDICTED.
11. ALL BUILDING PADS SHALL BE SLOPED TOWARDS THE DRIVEWAY AND VELOCITY CHECK DAMS PROVIDED AT THE BASE OF ALL DRIVEWAYS DRAINING INTO THE STREET. VELOCITY CHECK DAMS SHALL BE PROVIDED ACROSS THE OUTLETS OF ALL LOTS DRAINING INTO THE STREET.
12. PROVIDE VELOCITY CHECK DAMS IN ALL STREET AREAS, PAVED OR UNPAVED, AT THE INTERVALS INDICATED BELOW. VELOCITY CHECK DAMS MAY BE CONSTRUCTED OF GRAVELBAGS, TIMBER, OR OTHER EROSION RESISTANT MATERIALS APPROVED BY THE LAND DEVELOPMENT ENGINEER, AND SHALL EXTEND COMPLETELY ACROSS THE STREET OR

CHANNEL AT RIGHT ANGLES TO THE CENTERLINE. EARTHEN DIKES MAY NOT BE USED AS VELOCITY CHECK DAMS.

<u>STREET GRADE</u>	<u>CHECK DAM INTERVAL</u>
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

13. PROVIDE VELOCITY CHECK DAMS IN ALL UNPAVED GRADED CHANNELS AT THE INTERVALS INDICATED BELOW UNLESS CHANNELS ARE LINED WITH TEMPORARY MATERIALS SUCH AS PLASTIC SHEETING.

<u>CHANNEL GRADE</u>	<u>CHECK DAM INTERVAL</u>
LESS THAN 3%	100 FEET
3% TO 6%	50 FEET
OVER 6%	25 FEET

14. A GRAVELBAG SILT BASIN, OR SILT TRAP, SHALL BE PROVIDED AT EVERY STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM.
15. A GUARD SHALL BE POSTED ON SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET.
16. ALL REMOVABLE PROTECTION DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40%. AFTER EACH RAINSTORM EXCEEDING ¼ INCH IN A 12 HOUR PERIOD, SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS AND DESILTING BASINS, AND BASINS SHALL BE PUMPED DRY.
17. EFFECTIVE PLANTING SHALL BE INSTALLED, FULLY GERMINATED, AND SHALL EFFECTIVELY COVER THE REQUIRED SLOPES PRIOR TO FINAL APPROVAL. THE PLANTING MIX SHALL BE APPROVED BY THE LAND DEVELOPMENT ENGINEER PRIOR TO INSTALLATION. SPRINKLER SYSTEMS ARE REQUIRED ON ALL SLOPES OVER FIVE FEET IN HEIGHT. TEMPORARY SPRINKLER SYSTEMS WILL BE REQUIRED ON ALL SLOPES UNTIL PLANTING IS ESTABLISHED, AND MAY NOT BE REMOVED WITHOUT PRIOR APPROVAL OF THE LAND DEVELOPMENT ENGINEER.
18. GRAVEL BAGS AND NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR ANY DAMAGED EROSION CONTROL MEASURES, WHEN RAIN IS IMMINENT. A STAND-BY CREW SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON.
19. ANY PROPOSED ALTERNATE EROSION CONTROL MEASURES ARE TO BE RECOMMENDED BY THE ENGINEER OF WORK, FOR APPROVAL BY THE LAND DEVELOPMENT ENGINEER, PRIOR TO INSTALLATION.
20. FROM OCTOBER 1ST THROUGH APRIL 30TH OF EACH YEAR, CHAPTER 17.56 REQUIRES THAT ALL DENUDED SLOPE FACES BE PROTECTED FROM EROSION, AND THAT ALL SEDIMENT BE KEPT ON SITE. THE USE OF INDUSTRY STANDARD SLOPE PROTECTION AND SEDIMENT CONTROL METHODS ARE REQUIRED TO BE IN PLACE AND MAINTAINED 24 HOURS A DAY/7 DAYS A WEEK.
21. MATERIALS AND WASTE WITH THE POTENTIAL TO POLLUTE URBAN RUN-OFF SHALL BE USED WITH LABEL DIRECTIONS AND SHALL BE STORED IN A MANNER THAT EITHER PREVENTS CONTACT WITH RAINFALL OR CONTAINS CONTAMINATED RUN-OFF FOR TREATMENT AND DISPOSAL.
22. THE OWNER DESIGNATED 24-HOUR TELEPHONE NUMBER AND THE NAME(S) OF THE PERSON(S) RESPONSIBLE FOR EMERGENCY WORK APPEARS BELOW AND SHALL AT ALL TIMES BE POSTED

IN A CONSPICUOUS PLACE ONSITE TO FACILITATE PUBLIC REPORTING OF PROBLEMS. (A TELEPHONE ANSWERING MACHINE OR ANSWERING SERVICE IS UNACCEPTABLE.)

NAME

24 HR. PHONE NUMBER

23. CONTRACTOR TO IMPLEMENT AND MAINTAIN ONSITE AT ALL TIMES A [STORMWATER MANAGEMENT PLAN (SWMP) OR STORMWATER POLLUTION PREVENTION PLAN (SWPPP)] IN CITY APPROVED FORMAT WHICH IS HEREBY INCORPORATED WITH THESE PLANS BY REFERENCE. SAID PLAN SHALL BE KEPT CURRENT AND REFLECTIVE OF CURRENT SITE CONDITIONS.

[For areas of disturbance over one acre add the following certificate: (reference <http://www.swrcb.ca.gov/stormwtr/construction.html>)

STATE WATER RESOURCES CONTROL BOARD CERTIFICATE

DEVELOPMENT OF THIS PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF STATE WATER RESOURCES CONTROL BOARD (SWRCB) ORDER NO. 99-08 DWQ. NPDES GENERAL PERMIT NO. CAS000002. WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY. IN ACCORDANCE WITH SAID PERMIT, A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND A MONITORING PROGRAM PLAN SHALL BE DEVELOPED AND IMPLEMENTED CONCURRENT WITH THE COMMENCEMENT OF GRADING ACTIVITIES AND A COMPLETE AND ACCURATE NOTICE OF INTENT (NOI) WILL BE FILED WITH THE SWRCB. A COPY OF THE ACKNOWLEDGEMENT FROM THE SWRCB THAT A NOI HAS BEEN RECEIVED FOR THIS PROJECT SHALL BE FILED WITH THE CITY OF VISTA WHEN RECEIVED; FURTHER, A COPY OF THE COMPLETED NOI FROM THE SWRCB SHOWING THE PERMIT NUMBER FOR THIS PROJECT SHALL BE FILED WITH THE CITY OF VISTA WHEN RECEIVED. (WDID NO.)

IN ADDITION, THE UNDERSIGNED AND SUBSEQUENT OWNERS(S) OF ANY PORTION OF THE PROPERTY COVERED BY THIS GRADING PERMIT NO. GP-_____, AND BY THE SWRCB ORDER NO. 99-08 DWQ, AND ANY SUBSEQUENT AMENDMENTS THERETO, SHALL COMPLY WITH SPECIAL PROVISIONS AS SET FORTH IN SECTION C.7 OF THE SWRCB ORDER NO. 99-08 DWQ.

OWNERS OF LAND

SIGNATURE OF LAND OWNER,
CORPORATE OFFICER, GENERAL
PARTNER OR PROPRIETOR

DATE