

# LOCAL STORM WATER POLLUTION PREVENTION PLAN (LSWPPP)

## EROSION AND SEDIMENT CONTROL PLAN (ESCP) GENERAL NOTES:

- IN CASE OF EMERGENCY, CALL [REDACTED] AT [REDACTED].
- TOTAL DISTURBED AREA [REDACTED] W/ID NO. 419C300337  
1. RISK LEVEL 1 2 3 (CIRCLE ONE AS DETERMINED BY STATE GENERAL PERMIT FOR SITES GREATER THAN 1 ACRE)
- A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
- EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE BUILDING OFFICIAL IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
- GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY. ALL LOOSE SOILS AND DEBRIS THAT MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY SHALL BE STABILIZED OR REMOVED FROM THE SITE ON A DAILY BASIS.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
- A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
- THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE AND CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.
- DESILTING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN NOVEMBER 1 AND APRIL 15 OF THE FOLLOWING YEAR WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL.
- STORM WATER POLLUTION AND EROSION CONTROL DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES. THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IF REQUESTED BY THE BUILDING OFFICIAL.
- EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM THE PROJECT SITES AT ALL TIMES.
- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
- STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY FORCES OF WIND OR WATER.
- FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPs ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A 50% OR GREATER PROBABILITY OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL (COPIES OF THE SELF-INSPECTION CHECK LIST INSPECTION LOGS ARE AVAILABLE UPON REQUEST).
- TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- AS THE ARCHITECT/ENGINEER OF RECORD, I HAVE SELECTED APPROPRIATED 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.

CIVIL ENGINEERS/ARCHITECTS SIGNATURE DATE

OWNER OR AUTHORIZED REPRESENTATIVE (PERMITTEE) DATE

- DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPs ARE INSTALLED AND FUNCTIONING PROPERLY BY THE STATE CONSTRUCTION GENERAL PERMIT. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL.

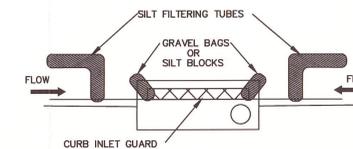
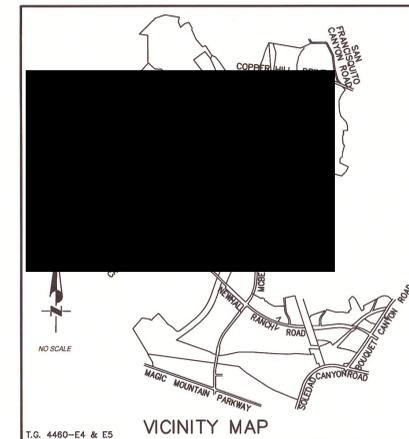
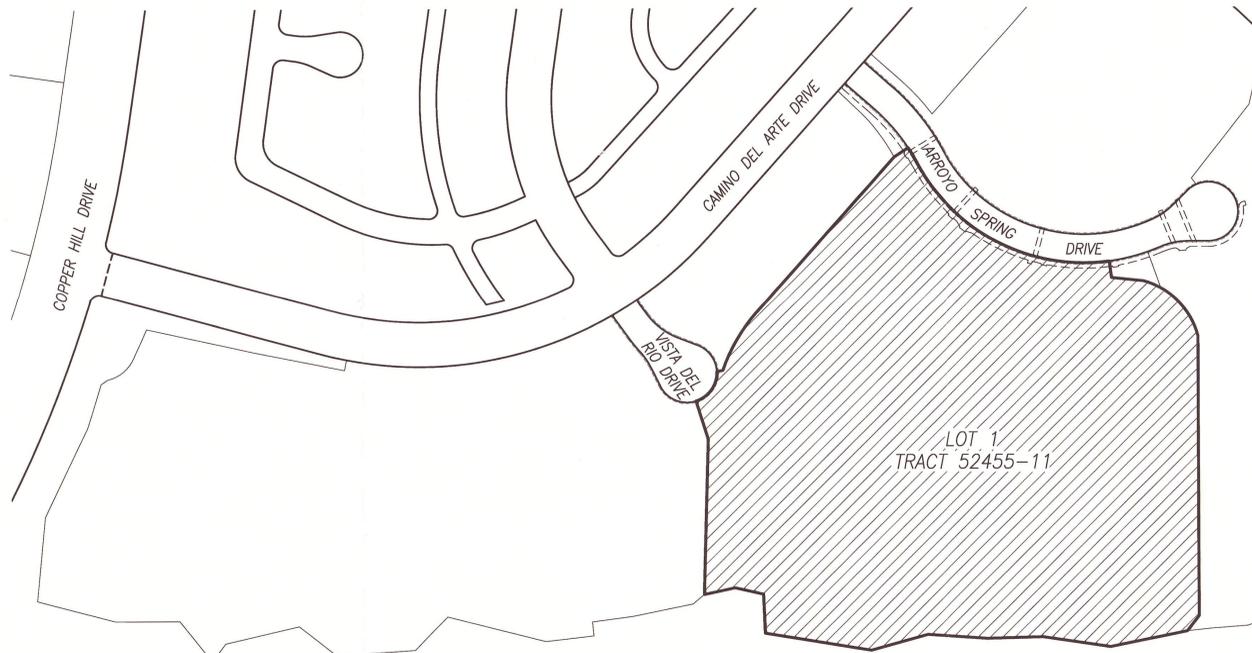
### ATTACHMENT B NOTES

THE FOLLOWING BMPs FROM THE "2009 CONSTRUCTION BMP HANDBOOK/PORTAL" MUST BE IMPLEMENTED FOR ALL CONSTRUCTION ACTIVITIES AS APPLICABLE, AS AN ALTERNATIVE, DETAILS FROM "CALTRANS STORMWATER QUALITY HANDBOOKS, CONSTRUCTION SITE BEST MANAGEMENT PRACTICES (BMP) MANUAL" MAY BE USED. ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE BUILDING OFFICIAL.

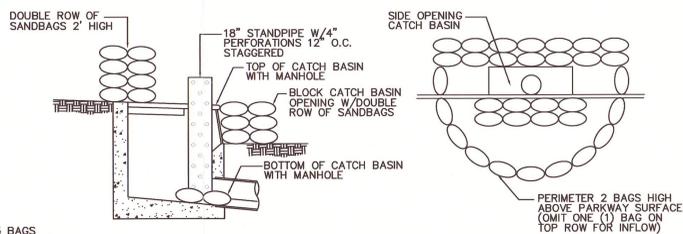
- |   |  |
|---|--|
| <b>EROSION CONTROL</b>                    | <b>TEMPORARY SEDIMENT CONTROL</b>                        |
| EC1 - SCHEDULING                          | SE1 - SILT FENCE   |
| EC2 - PRESERVATION OF EXISTING VEGETATION | SE2 - SEDIMENT-BASIN                                     |
| EC3 - HYDROLOGIC-MODEL                    | SE3 - SEDIMENT-TRAP                                      |
| EC4 - HYDROSEEDING                        | SE4 - CHECK-DAM  |
| EC5 - SOIL BINDERS                        | SE5 - FIBER ROLLS  |
| EC6 - STRAW BERM                          | SE6 - GRAVEL BAG BERM                                    |
| EC7 - GEOTEXTILE MAT                      | SE7 - STREET SWEEPING AND VACUUMING                      |
| EC8 - WOOD-MASKING                        | SE8 - SANDBAG BARRIER                                    |
| EC9 - EARTH-BIND-AND-DRAINAGE-SWALES      | SE9 - STRAW-BALE-BARRIER                                 |
| EC10 - VELOCIFY-DISSIPATION-DEVICE        | SE10 - STORM DRAIN INLET PROTECTION                      |
| EC11 - SLOPE-DRAIN                        | SE11 - AGGREGATE-TREATMENT-SYSTEMS                       |
| EC12 - STREAM-BANK-STABILIZATION          | SE12 - TEMPORARY-SILT-DIKE                               |
| EC13 - RESERVEP                           | SE13 - COMPOST-BAGS-AND-DEBRIS                           |
| EC14 - COMPOST-BLANNET                    | SE14 - BIOFILTER-BAGS                                    |
| EC15 - SOIL PREPARATION/ROUGHENING        |  |
| EC16 - NONVEGETATIVE-STABILIZATION        |  |
| <b>WIND EROSION CONTROL</b>               | <b>EQUIPMENT TRACKING CONTROL</b>                        |
| WE1 - WIND EROSION CONTROL                | TC1 - STABILIZED CONSTRUCTION ENTRANCE EXIT              |
|   | TC2 - STABILIZED CONSTRUCTION ROADWAY                    |
|   | TC3 - ENTRANCE/OUTLET-TIRE WASH                          |
| <b>NON-STORMWATER MANAGEMENT</b>          | <b>WASTE MANAGEMENT &amp; MATERIAL POLLUTION CONTROL</b> |
| NS1 - WATER CONSERVATION PRACTICES        | WM1 - MATERIAL DELIVERY AND STORAGE                      |
| NS2 - DEWATERING OPERATIONS               | WM2 - MATERIAL USE                                       |
| NS3 - PAVING-AND-GRADING-OPERATIONS       | WM3 - STOCKPILE MANAGEMENT                               |
| NS4 - TEMPORARY-OFF-ROAD-CROSSING         | WM4 - SPILL PREVENTION AND CONTROL                       |
| NS5 - CLEAR-WATER-DIVERSION               | WM5 - SOLID-WASTE-MANAGEMENT                             |
| NS6 - ILICIT CONNECTION/DISCHARGE         | WM6 - HAZARDOUS WASTE-MANAGEMENT                         |
| NS7 - POTABLE WATER/IRRIGATION            | WM7 - CONTAMINATED OIL-MANAGEMENT                        |
| NS8 - VEHICLE-AND-EQUIPMENT-CLEANING      | WM8 - CONCRETE-WASTE-MANAGEMENT                          |
| NS9 - VEHICLE AND EQUIPMENT FUELING       | WM9 - SANITARY-WASTE-MANAGEMENT                          |
| NS10 - VEHICLE AND EQUIPMENT MAINTENANCE  | WM10 - LIQUID-WASTE-MANAGEMENT                           |
| NS11 - FLEET-DRAINING-OPERATIONS          |  |
| NS12 - CONCRETE-CURING                    |  |
| NS13 - CONCRETE-FINISHING                 |  |
| NS14 - MATERIAL-OVER-WATER                |  |
| NS15 - DEMOLITION-MANAGEMENT-TO-WATER     |  |
| NS16 - TEMPORARY-BATCH-PLANTS             |  |

NOTE: LINED OUT BMPs ARE NOT USED IN THIS PLAN.

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2A ALTERNATE CATCH BASIN PROTECTION N.T.S.



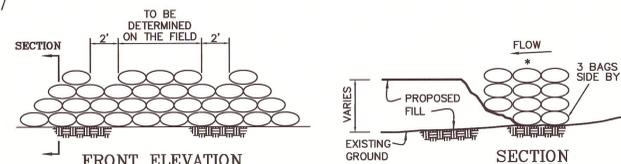
2 CATCH BASIN W/STANDPIPE SEE DETAIL 6 FOR NOTES N.T.S.

### EROSION CONTROL DEVICE DETAILS

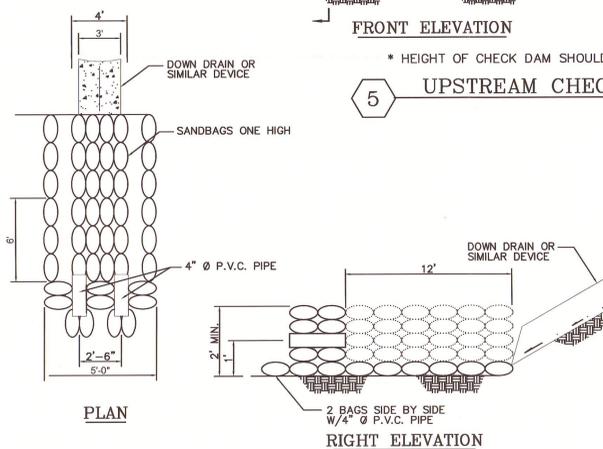
SILT FENCE COULD BE USED IN PLACE OF SANDBAGS

### SITE INDEX MAP

SCALE: 1"=100'



5 UPSTREAM CHECK DAM N.T.S.

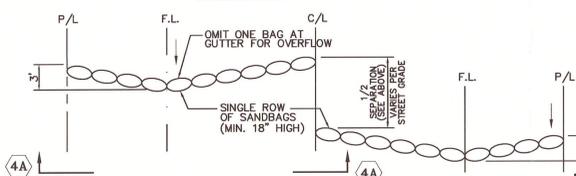


1 DIKE/DEBRIS BASIN AT DOWN DRAIN N.T.S.

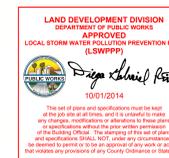


4A TYPICAL STREET CROSS SECTION N.T.S.

| CHECK DAM ROWS |            |
|----------------|------------|
| STREET GRADE   | SEPARATION |
| < 5%           | 100' O.C.  |
| 5% - 10%       | 50' O.C.   |
| > 10%          | 25' O.C.   |



4 CHECK DAMS W/'V' ALIGNMENT TO BE USED ON UNPAVED STREETS N.T.S.



LAND DEVELOPMENT DIVISION  
DEPARTMENT OF PUBLIC WORKS  
APPROVED  
LOCAL STORM WATER POLLUTION PREVENTION PLAN (LSWPPP)  
10/01/2014  
This set of plans and specifications must be kept at the job site at all times, and it is intended to serve as a reference. Modifications or alterations to these plans or specifications shall be approved by the Department of Public Works. The Department of Public Works and its representatives shall not be held responsible for any errors or omissions in these plans and specifications.

\* HEIGHT OF CHECK DAM SHOULD NOT EXCEED 3 FEET.  
\*\* PROVIDE AN EXTRA ROW OF SANDBAGS FOR EVERY ROW OF SANDBAGS 3 BAGS HIGH.

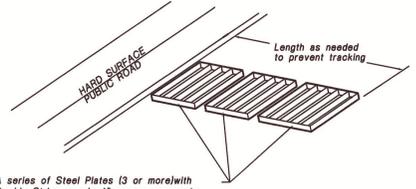
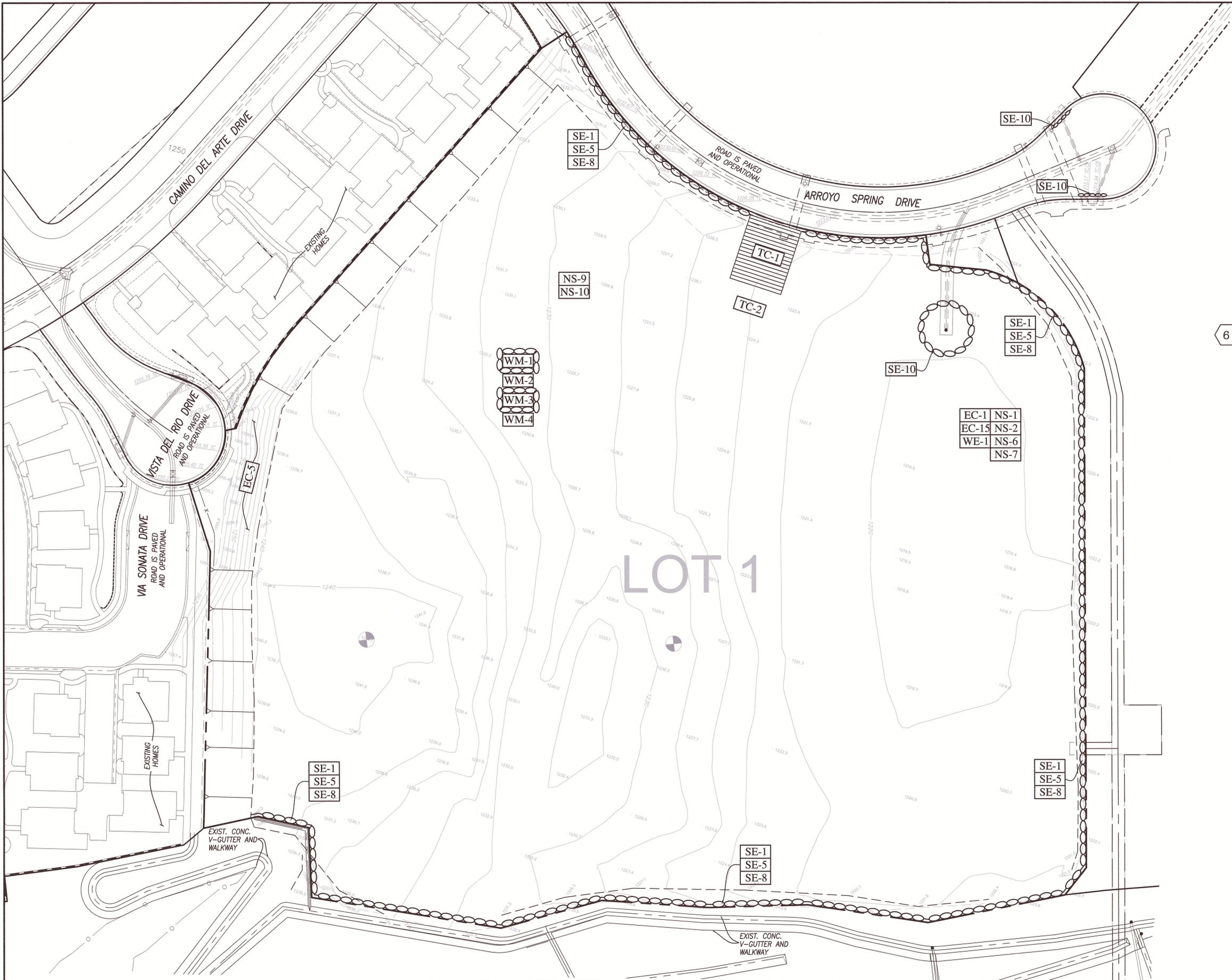
3 CHECK DAM N.T.S.

WDID # [REDACTED]  
GRADING PERMIT # [REDACTED]

| INDEX TO PROJECT DRAWINGS |                               |
|---------------------------|-------------------------------|
| SHEET NO.                 | DESCRIPTION                   |
| 1                         | SWPPP SITE PLAN - TITLE SHEET |
| 2                         | SWPPP SITE PLAN               |

## LSWPPP SITE PLAN TITLE SHEET STORM WATER POLLUTION PREVENTION PLAN

|  |            |              |            |           |            |
|--|------------|--------------|------------|-----------|------------|
| OWNER:                                 | [REDACTED] | PREPARED BY: | [REDACTED] | DATE:     | [REDACTED] |
| PLANS PREPARED UNDER THE DIRECTION OF: | [REDACTED] | NO.          | DATE       | REVISIONS | BY         |
|  |            |              |            |           | APPR       |



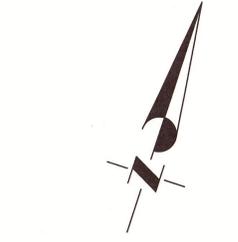
- Notes:
- Sediments and other materials shall not be tracked from the site by vehicle traffic. The construction entrance roadways shall be stabilized so as to prevent sediments from being deposited into the public roads. Depositions must be swept up immediately and may not be washed down by rain or other means into the storm drain system.
  - Stabilized construction entrances shall be:
    - Located at any point where traffic will be entering or leaving a construction site to or from a public right of way, street, alley, and sidewalk or parking area.
    - A series of steel plates with "rumble strips", and/or min 4" coarse aggregate with length, width & thickness as needed to adequately prevent any tracking onto paved surfaces.
  - Adding a wash rack with a sediment trap large enough to collect all wash water can greatly improve efficiency.
  - All vehicles accessing the construction site shall utilize the stabilized construction entrance sites.

Street Maintenance

- Remove all sediment deposited on paved roadways immediately.
- Sweep paved areas that receive construction traffic whenever sediment becomes visible.
- Pavement washing with water is prohibited. If it results in a discharge to the storm drain system.

6 STABILIZED CONSTRUCTION ENTRANCE N.T.S.

LAND DEVELOPMENT DIVISION  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED  
 LOCAL STORM WATER POLLUTION PREVENTION PLAN (LSWPPP)  
*Diana Schmitt*  
 10/31/2014  
 This set of plans and specifications must be used as the basis for construction and to be used to make any changes, modifications or additions to these plans or specifications without the prior written approval of the issuing official. The contractor shall be responsible for obtaining all necessary permits and specifications SHALL NOT be used for any other project. No portion of these plans shall be used for any purpose other than that intended by the issuing authority or State Law.



SCALE: 1" = 30'  
 0 15 30 60 90

SITE PLAN  
 STORM WATER POLLUTION PREVENTION PLAN

SANTA CLARITA, CA

|                   |        |              |     |      |           |    |      |
|-------------------|--------|--------------|-----|------|-----------|----|------|
| WDID #            | OWNER: | PREPARED BY: | NO. | DATE | REVISIONS | BY | APPR |
| GRADING PERMIT #: |        |              |     |      |           |    |      |