

**GENERAL NOTES**

- ALL WORK SHALL BE IN ACCORDANCE WITH THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS (LATEST EDITION), STANDARD PLANS (LATEST EDITION), AND CITY OF CUPERTINO STANDARD PLAN. THE CONTRACTOR SHALL PERFORM THE WORK DESCRIBED IN THE SPECIFICATION, AND AS SHOWN ON THE DRAWINGS, AND TO THE SATISFACTION OF THE CITY ENGINEER.
- ALL UNDERGROUND UTILITIES SHALL BE INSTALLED AND ADEQUATELY BACKFILLED BEFORE PLACEMENT OF THE BASE MATERIAL AND SURFACE STRUCTURES. IF UTILITIES ARE TO BE INSTALLED SUBSEQUENTLY, A WRITTEN NOTIFICATION FROM THE AFFECTED UTILITY COMPANY INDICATING ITS COMMITMENT TO BORE OR TUNNEL SHALL BE SUBMITTED TO THE CITY ENGINEER BEFORE PROCEEDING WITH THE WORK. UNDERGROUND UTILITIES, EXCEPT STORM AND SANITARY SEWER, WILL NOT BE PERMITTED IN PAVEMENT AREA, WITH THE EXCEPTION OF STREET CROSSINGS, OTHERWISE SPECIFICALLY APPROVED AND AUTHORIZED BY THE CITY ENGINEER.
- THE CONTRACTOR SHALL HAVE ALL OF THE UTILITIES, UNDERGROUND MAINS, AND SERVICES THAT MAY CONFLICT WITH THE PROJECT, LOCATED IN THE FIELD. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY WORK, FOR LOCATION OF THE UNDERGROUND FACILITIES, AT (800) 642-2444.
- ALL TRENCH BACKFILL, FILL AREAS, AND BASE MATERIALS SHALL ATTAIN A MINIMUM 95% RELATIVE COMPACTION AS PER STANDARD SPECIFICATIONS. FOR TYPICAL TRENCH SECTIONS, REFER TO THE CITY STANDARD DETAILS, WITH THE EXCEPTION OF SANITARY SEWERS.
- ALL TREES, ROOTS AND FOREIGN MATTER IN EXISTING OR PROPOSED RIGHT OF WAY SHALL BE REMOVED TO A DEPTH OF TWO (2) FEET BELOW SUBGRADE AND DISPOSED OF.
- ALL EXISTING PAVEMENT REMOVED OR DAMAGED SHALL BE REPLACED AS REQUIRED BY THE CITY ENGINEER.
- ALL CONCRETE USED FOR ALL STRUCTURES MUST BE CLASS "A" (6 SACKS PER CUBIC YARD) AS PER STANDARD SPECIFICATIONS AND SHALL ATTAIN A STRENGTH OF 2200 P.S.I. IN SEVEN (7) DAYS.
- DROP INLETS INSTALLED SHALL BE CITY OF CUPERTINO STANDARD UNLESS OTHERWISE NOTED ON THE PLANS. THE BOXES SHALL BE INSTALLED AT THE SAME TIME THE P.C.C. CURB AND GUTTER IS INSTALLED. CLASS "A" P.C.C. SHALL BE USED.
- A MINIMUM THICKNESS OF SIX (6) INCHES OF P.C.C. SHALL BE REQUIRED FOR COMMERCIAL DRIVEWAY APPROACHES AND FIVE (5) INCHES FOR RESIDENTIAL. LOCATIONS SHALL BE DETERMINED PRIOR TO THE INSTALLATION OF THE CURBS. THE DRIVEWAY SHALL BE INSTALLED AT THE SAME TIME AS THE CURB.
- ALL STREET CURBS SHALL BE VERTICAL P.C.C. CURBS.
- INSTALL CITY OF CUPERTINO STREET NAME SIGNS, FOUR (4) BLADES EACH PER ASSEMBLY AS SHOWN ON PLANS.
- INSTALL CITY OF CUPERTINO STANDARD MONUMENT BOX(S) AND MONUMENT(S) AS SHOWN ON THE PLANS.
- ALL GRADE STAKES AND LATHS REQUIRED BY THE CITY ENGINEER SHALL BE INSTALLED BY THE SUBDIVIDER'S ENGINEER AS DIRECTED. MINIMUM OFF-SETS FOR CUT STAKES SHALL BE FIVE (5) FEET.
- PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL HAVE CUT SHEETS APPROVED BY THE CITY ENGINEER. NOTIFY THE CITY ENGINEER TWENTY-FOUR (24) HOURS PRIOR TO REQUIRING INSPECTION.
- THE CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST FOR FINAL INSPECTION.
- ONE (1) POUND OF DISPERSING BLACK SHALL BE MIXED WITH EACH CUBIC YARD OF CONCRETE AT THE BATCH PLANT.
- GRADING OF LOTS OUTSIDE OF R/W AS PER TYPICAL SECTION AN FOR CROSS-SECTION, SHALL BE COMPLETED AND APPROVED BY THE CITY ENGINEER BEFORE PROCEEDING WITH PREPARATION OF THE SUBGRADE AND PLACEMENT OF SURFACE STRUCTURES ON LOTS. ALL LOTS SHALL BE GRADED TO THE STREET ELEVATION, OR AS SHOWN ON THE PLANS, OR AS DETERMINED BY THE CITY ENGINEER.
- NOTIFY THE CITY ENGINEER FORTY EIGHT (48) HOURS IN ADVANCE OF REQUIRING SERVICES FOR CHECKING FIELD STAKING. AT THIS TIME, THREE (3) COPIES OF THE CUT SHEETS WILL BE FURNISHED.
- ALL STANDARD STREET MONUMENTS, LOT CORNER PIPES, AND OTHER PERMANENT MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BEFORE ACCEPTANCE OF THE IMPROVEMENTS BY THE CITY OF CUPERTINO.
- MANHOLE FRAMES AND COVERS SHALL BE BROUGHT TO FINISH GRADE BEFORE FINAL PAVING.
- THE DEVELOPER SHALL PAY ALL COSTS FOR MOISTURE-DENSITY CURVES (CALF. TEST NO. 216E) AND ANY OTHER TESTS REQUIRED BY THE CITY ENGINEER DURING STREET CONSTRUCTION.
- APPROVAL OF THESE PLANS DOES NOT RELEASE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE CORRECTIONS OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF, DURING THE COURSE OF CONSTRUCTION OF IMPROVEMENTS, PUBLIC INTEREST REQUIRES A MODIFICATION OF OR A DEPARTURE FROM THE CITY OF CUPERTINO SPECIFICATIONS OR THESE IMPROVEMENTS PLANS, THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE COMPLETED, AT THE SOLE EXPENSE OF THE OWNER AND/OR CONTRACTOR.
- SEPTIC TANKS SHALL BE PUMPED AND BACKFILLED TO THE SATISFACTION OF SANTA CLARA COUNTY HEALTH DEPARTMENT PRIOR TO CONSTRUCTION.
- FOR ALL FIVE (5) FOOT MONOLITHIC SIDEWALKS, ALL FIRE HYDRANTS AND ELECTROLIERS SHALL BE INSTALLED BEHIND SIDEWALK.
- EACH SHEET OF THE CONSTRUCTION/MODIFICATION PLANS SHALL BE INITIALED BY THE CITY ENGINEER TO BE CONSIDERED APPROVED FINAL PLANS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND ALL SUBCONTRACTORS TO INSURE THEY ARE FURNISHED WITH APPROVED PLANS OR THE LATEST REVISED PLANS.
- ALL WATER LINES, VALVES, HYDRANTS, AND APPURTENANCES THERETO INSTALLED WITHIN THE CITY OF CUPERTINO MUNICIPAL WATER UTILITY SERVICES AREA, SHALL BE THE PROPERTY OF SAID WATER UTILITY.
- CONSTRUCTION SIGNING SHALL BE INSTALLED PRIOR TO BEGINNING OF WORK.
- ANY AND ALL STORM LINES INSTALLED AS PART OF THE WORK ON THESE PLANS SHALL BE CLEANED OF ALL EXCESS MATERIAL, DEBRIS AND OBSTRUCTIONS. STORM LINES SHALL BE FLUSHED AS DIRECTED BY THE CITY ENGINEER.

# STEVENS CREEK BOULEVARD AT PERIMETER LEFT TURN POCKET CUPERTINO CALIFORNIA

**ARCHAEOLOGICAL NOTE**

IN THE EVENT THAT HUMAN REMAINS AND/OR CULTURAL MATERIALS ARE FOUND, ALL PROJECT-RELATED CONSTRUCTION SHALL CEASE WITHIN A 100-FOOT RADIUS. THE CONTRACTOR SHALL, PURSUANT TO SECTION 7090.5 OF THE HEALTH AND SAFETY CODE, AND SECTION 5097.94 OF THE PUBLIC RESOURCES CODE OF THE STATE OF CALIFORNIA, NOTIFY THE SANTA CLARA CORNER IMMEDIATELY.

**BENCHMARK**

THE LOCAL BENCHMARK FOR THIS SURVEY IS SANTA CLARA VALLEY WATER DISTRICT BM134, A BRASS DISC LOCATED ON TOP OF NORTHERN HEADWALL AT THE NORTH EAST CORNER OF BRIDGE, APPROXIMATELY 0.1 MILE SOUTHWESTERLY FROM BM430. ELEVATION: 172.92  
ELEVATIONS ARE BASED ON THE PROJECT BENCHMARK "SCVND BM134" NAVD 88 DATUM AS SHOWN ON THE KIER AND WRIGHT SURVEY DATED NOVEMBER 2012.

**GRADING NOTES**

- SOILS ENGINEER TO REVIEW ALL GRADING AND SUBMIT A FINAL REPORT TO THE CITY PRIOR TO OCCUPANCY.
- CONTACT PUBLIC WORKS, (408) 777-3104, FOR DRAINAGE AND FINAL GRADE INSPECTION, WHICH INCLUDES DRAIN LINES AND ROOF DRAINS / DOWN SPOUTS.
- CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL AND INSURING THE AREA ADJACENT TO THE WORK IS LEFT IN A CLEAN CONDITION.
- THE CONTRACTOR SHALL REVIEW CITY STD. DETAIL 6-4 ON TREE PROTECTION PRIOR TO ACCOMPLISHING ANY WORK OR REMOVING ANY TREES.
- ALL STORM LINE INSTALLATION WITH SLOPE LESS THAN 2% SHALL BE CERTIFIED BY A CIVIL ENGINEER.
- ALL ON-SITE SANITARY SEWER LINES AND LATERALS SHALL BE SUBJECT TO BUILDING DEPARTMENT APPROVAL PRIOR TO INSTALLATION.
- UTILIZE BEST MANAGEMENT PRACTICES (BMP'S), AS REQUIRED BY THE STATE WATER RESOURCES CONTROL, BOARD, FOR ANY ACTIVITY, WHICH DISTURBS SOIL.
- ALL ROOF DRAINS AND / OR DOWN SPOUTS SHALL BE DRAINED SHEET FLOW 2% AWAY FROM THE BUILDING AND MAYBE COLLECTED BY DRAINAGE INLET CONNECTED TO PUBLIC STORM DRAIN FACILITY. IF AND ONLY IF THE DRAINAGE IS IN THE HILLSIDE AREA CAN THE WATER BE DIRECTLY CONNECTED TO THE PUBLIC STORM DRAIN.

**TRAFFIC CONTROL NOTE**

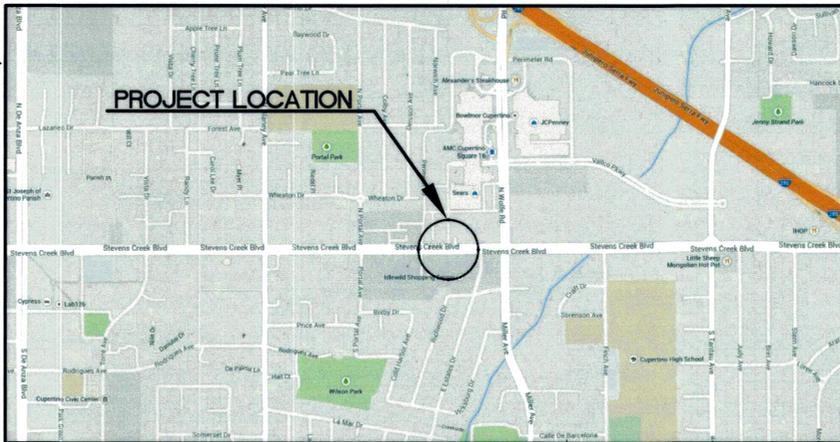
CONTRACTOR SHALL OBTAIN A CITY-APPROVED TRAFFIC CONTROL PLAN PRIOR TO PERFORMING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.

**UTILITY NOTE**

THE TYPES, LOCATIONS, SIZES AND /OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY ARE APPROXIMATE AND WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, THE SURVEYOR CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THIS SURVEY.

**DISCREPANCIES**

IF THERE ARE ANY DISCREPANCIES BETWEEN DIMENSIONS IN DRAWINGS AND EXISTING CONDITIONS WHICH WILL AFFECT THE WORK, THE CONTRACTOR SHALL BRING SUCH DISCREPANCIES TO THE ATTENTION OF THE ENGINEER FOR ADJUSTMENT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF ALL WORK AND FOR THE COORDINATION OF ALL TRADES, SUBCONTRACTORS, AND PERSONS ENGAGED UPON THIS CONTRACT.



VICINITY MAP  
NOT TO SCALE



LOCATION MAP  
NOT TO SCALE

**ABBREVIATIONS**

AB	- AGGREGATE BASE	FC	- FACE OF CURB	PP	- POWER POLE
AC	- ASPHALTIC CONCRETE	FDC	- FIRE DEPARTMENT CONNECTION	PVC	- POLYVINYL CHLORIDE PIPE
AD	- AREA DRAIN	FF	- FINISHED FLOOR	R	- RADIUS
AS	- AGGREGATE SUBBASE	FG	- FINISHED GRADE	RC	- RELATIVE COMPACTION
BC	- BEGINNING OF CURVE	FH	- FIRE HYDRANT	RCP	- REINFORCED CONCRETE PIPE
BFP	- BACK FLOW PREVENTOR	FL	- FLOW LINE	R/W	- RIGHT OF WAY
BOW	- BOTTOM OF WALL	FOUND	- FOUNDATION	S	- SIDEWALK
BVC	- BEGIN VERTICAL CURVE	FS	- FINISHED SURFACE	S/S	- SLOPE OR SOUTH
BY	- BACK OF YARD	FT	- FOOT	SD	- STORM DRAIN
CB	- CATCH BASIN	FW	- FIRE WATER	SF	- SILT FENCE
CB&G	- CURB AND GUTTER	GB	- GRADE BREAK	SLD	- SEE LANDSCAPE DRAWINGS
C	- CAST IRON PIPE	GV	- GATE VALVE	SMH	- SIGNAL MANHOLE
CL	- CENTER LINE OR CLASS	HC	- HANDICAP	SS	- SANITARY SEWER
CO	- CORRUGATED METAL PIPE	HP	- HIGH POINT	SSP	- SEE STRUCTURAL PLANS
CMP	- CONCRETE	HYD	- HYDRANT	STA	- STATION
CONC	- CONSTRUCTION OR CONSTRUCT	INV	- INVERT ELEVATION	STL	- STREET LIGHT
CONST	- CONSTRUCTION OR CONSTRUCT	JP	- JOINT POLE	STD	- STANDARD
DI	- DUCTILE IRON PIPE	L.S.	- LANDSCAPE	TYP	- TYPICAL
DOM	- DOMESTIC	LSA	- LANDSCAPE AREA	TS	- TOP OF CURB
DTL	- DETAIL	MAX	- MAXIMUM	TS	- TOP OF SLAB
DW	- DOMESTIC WATER	MV	- MIDPOINT OF VERTICAL CURVE	TOW	- TOP OF WALL
DWG	- DRAWING	MPH	- MANHOLE	U/G	- UNDERGROUND
E	- EAST	N	- NORTH	UN	- UNLESS OTHERWISE NOTED
EC	- END OF CURVE	NO	- NUMBER	VC	- VERTICAL CURVE
EP	- EDGE OF PAVEMENT	NTS	- NOT TO SCALE	W	- WITH
ER	- END OF RETURN	P	- PAVEMENT ELEVATION	WM	- WATER METER
EVC	- END VERTICAL CURVE	PCC	- PORTLAND CEMENT CONCRETE	WV	- WATER VALVE
ELEV	- ELEVATION	PV	- POST INDICATOR VALVE	W	- WEST
EX OR EXIST	- EXISTING	PL	- PROPERTY LINE	WNF	- WELDED WIRE FABRIC
		PMH	- POWER MANHOLE		

**LEGEND**

- CONC. VALLEY GUTTER
- CONC. SIDEWALK OR PAD
- 6" CURB & GUTTER
- EDGE OF A.C. PAVEMENT
- 6" VERTICAL CURB
- CENTER LINE
- PROPERTY LINE
- SANITARY SEWER MAIN
- STORM DRAIN MAIN
- WATER MAIN
- FIRE WATER
- SILT FENCE
- CHAIN LINK FENCE
- GAS MAIN
- CAP AND PLUG END
- ELECTRIC AND SIGNAL DUCT BANK
- STEAM LINE
- STREET LIGHT CONDUIT
- CONTOUR ELEVATION LINE (1' INT.)
- CONTOUR ELEVATION LINE (0.5' INT.)
- SPOT ELEVATION
- DIRECTION OF SLOPE
- WATER METER
- WATER VALVE
- FIRE HYDRANT
- BACKFLOW PREVENTOR
- SIGN
- HANDICAP RAMP
- CONCRETE THRUST BLOCK
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- STORM SEWER MANHOLE
- STORM SEWER AREA DRAIN
- STORM SEWER CURB INLET
- STORM SEWER CLEANOUT
- ELECTROLIER

**EXISTING**

**PROPOSED**

CONC. VALLEY GUTTER	=====	CONC. VALLEY GUTTER	=====
CONC. SIDEWALK OR PAD	=====	CONC. SIDEWALK OR PAD	=====
6" CURB & GUTTER	=====	6" CURB & GUTTER	=====
EDGE OF A.C. PAVEMENT	=====	EDGE OF A.C. PAVEMENT	=====
6" VERTICAL CURB	=====	6" VERTICAL CURB	=====
CENTER LINE	-----	CENTER LINE	-----
PROPERTY LINE	-----	PROPERTY LINE	-----
SANITARY SEWER MAIN	---SS---	SANITARY SEWER MAIN	---SS---
STORM DRAIN MAIN	---SD---	STORM DRAIN MAIN	---SD---
WATER MAIN	---W---	WATER MAIN	---W---
FIRE WATER	---FW---	FIRE WATER	---FW---
SILT FENCE	---o---o---	SILT FENCE	---o---o---
CHAIN LINK FENCE	---x---x---	CHAIN LINK FENCE	---x---x---
GAS MAIN	---G---	GAS MAIN	---G---
CAP AND PLUG END	--- ---	CAP AND PLUG END	--- ---
ELECTRIC AND SIGNAL DUCT BANK	---E---	ELECTRIC AND SIGNAL DUCT BANK	---E---
STEAM LINE	---ST---	STEAM LINE	---ST---
STREET LIGHT CONDUIT	---SL---	STREET LIGHT CONDUIT	---SL---
CONTOUR ELEVATION LINE (1' INT.)	---85---	CONTOUR ELEVATION LINE (1' INT.)	---85---
CONTOUR ELEVATION LINE (0.5' INT.)	---85.5---	CONTOUR ELEVATION LINE (0.5' INT.)	---85.5---
SPOT ELEVATION	x 95.94	SPOT ELEVATION	x 95.94
DIRECTION OF SLOPE	---1%---	DIRECTION OF SLOPE	---1%---
WATER METER	□ WM	WATER METER	□ WM
WATER VALVE	WV	WATER VALVE	WV
FIRE HYDRANT	Hyd	FIRE HYDRANT	Hyd
BACKFLOW PREVENTOR	BP	BACKFLOW PREVENTOR	BP
SIGN	↑	SIGN	↑
HANDICAP RAMP	↑	HANDICAP RAMP	↑
CONCRETE THRUST BLOCK	△	CONCRETE THRUST BLOCK	△
SANITARY SEWER MANHOLE	○	SANITARY SEWER MANHOLE	○
SANITARY SEWER CLEANOUT	SSCO	SANITARY SEWER CLEANOUT	SSCO
STORM SEWER MANHOLE	○	STORM SEWER MANHOLE	○
STORM SEWER AREA DRAIN	□	STORM SEWER AREA DRAIN	□
STORM SEWER CURB INLET	□ CB	STORM SEWER CURB INLET	□ CB
STORM SEWER CLEANOUT	SDCO	STORM SEWER CLEANOUT	SDCO
ELECTROLIER	○*	ELECTROLIER	○*

**SHEET INDEX**

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**BOUNDARY AND TOPOGRAPHIC NOTES**

TOPOGRAPHIC SURVEY AND BOUNDARY INFORMATION SHOWN HEREON IS BASED UPON AERIAL SURVEY AND SUPPLEMENTAL TOPOGRAPHIC SURVEY DONE BY SANDIS UNDER SUPERVISION OF LAURA CABRAL, SURVEY MANAGER, PLS #7756.

**UNDERGROUND UTILITY NOTE**

THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY ARE APPROXIMATE AND WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THIS SURVEY.

APPROVED BY: DATE: 2-26-15  
TIMM BORDEN, RCE 45512  
DIRECTOR OF PUBLIC WORKS  
\*SANITARY SEWER AND WATER NOT PART OF PUBLIC WORKS APPROVAL

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SUNNYVALE ROSEVILLE OAKLAND

DATE: 02/18/15  
SCALE: NO SCALE  
DRAWN BY: JRG  
APPROVED BY: AT  
DRAWING NO.: 214107  
DATE: FEBRUARY 18, 2015  
CHAD J. BROWNING  
R.C.E. NO. 88315, EXPIRES 9-30-15

No.	REVISION/ISSUE	DATE	BY

COVER SHEET

**STEVENS CREEK  
AT PERIMETER LEFT TURN POCKET  
CUPERTINO CALIFORNIA**  
SHEET **C100** OF 8 SHEETS

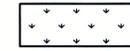
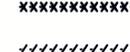
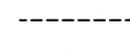
### DEMOLITION NOTES

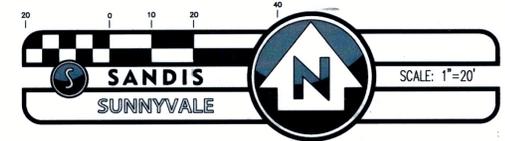
1. INSTALL TREE PROTECTION ON TREES TO REMAIN PER CITY OF CUPERTINO STANDARDS.
2. ALL EXISTING UTILITY LINES TO BE TREATED AS LIVE UNLESS OTHERWISE INDICATED.
3. CONTRACTOR TO RECONNECT ANY IRRIGATION MAINS OR LATERALS DAMAGED DURING CONSTRUCTION AND MAKE SURE THEY ARE IN WORKING ORDER.
4. CONTRACTOR TO ENSURE STORM DRAIN IS IN WORKING ORDER AT ALL TIMES. PUMP AS NECESSARY.
5. CONTRACTOR SHALL HAVE ALL TRAFFIC CONTROL MEASURE IN PLACE PRIOR TO STARTING ANY DEMOLITION.
6. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE EXISTING UTILITIES TO REMAIN. SHUT DOWNS SHALL BE PROVIDED BY THE CONTRACTOR AT ALL COSTS, BUT BE COORDINATED WITH THE CITY OF CUPERTINO AND ANY AFFECTED UTILITY PROVIDER IN ADVANCE.

### SHEET NOTES

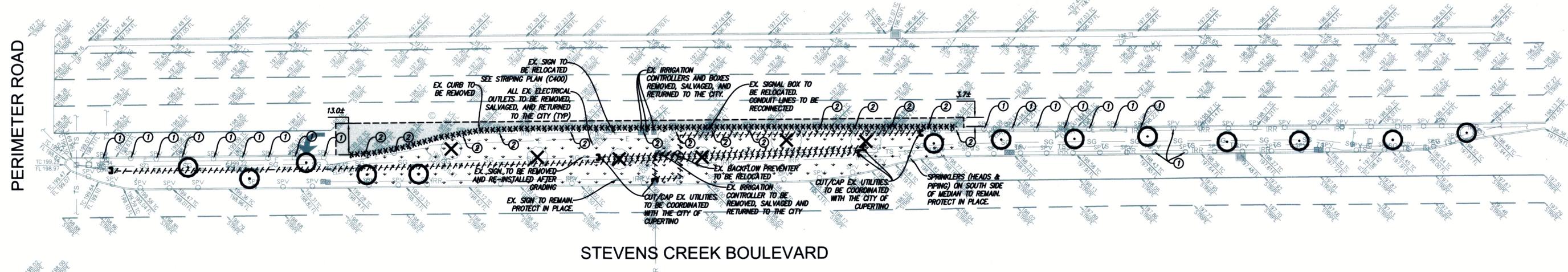
- ① EXISTING UTILITY TO REMAIN. PROTECT IN PLACE.
- ② EXISTING SPRINKLER HEAD (AND ASSOCIATED PIPING) TO BE REMOVED.

### LEGEND

-  CLEAR AND GRUB ASSOCIATED EXCAVATION.
-  EXISTING AC TO BE REMOVED.
-  EXISTING CURB AND ASSOCIATED BASE MATERIAL TO BE REMOVED.
-  EXISTING UTILITY LINE TO BE REMOVED.
-  SAWCUT AC WITH A NEAT CLEAN EDGE.
-  EXISTING TREE TO BE REMOVED.
-  EXISTING TREE TO REMAIN. PROTECT IN PLACE. 5  
C500



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PERIMETER ROAD

STEVENS CREEK BOULEVARD

 <p><b>CIVIL ENGINEERS SURVEYORS PLANNERS</b></p> <p>936 E. Duane Ave.   Sunnyvale, CA 94085   P. 408.636.0900   F. 408.636.0999   www.sandis.net</p> <p>SUNNYVALE    ROSEVILLE    OAKLAND</p>	DATE: 02/18/15 SCALE: 1"=20' DRAWN BY: JRG APPROVED BY: AT DRAWING NO: 214107	DATE: FEBRUARY 18, 2015  CHAD J. BROWNING R.C.E. NO. 68315, EXPIRES 9-30-15	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>REVISION/ISSUE</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	REVISION/ISSUE	DATE	BY													DEMOLITION PLAN	STEVENS CREEK AT PERIMETER LEFT TURN POCKET CUPERTINO                      CALIFORNIA	SHEET <b>C200</b> OF 8 SHEETS
	No.	REVISION/ISSUE	DATE	BY																		
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# STORMWATER TREATMENT NOTE

1. THE PROPOSED IMPROVEMENTS SHOWN HEREON DO NOT EXCEED THE C.3/JID REGULATION THRESHOLD. DISTURBED IMPERVIOUS AREA IS 2,761 SQ. FT. WHICH IS LESS THAN THE ROAD PROJECT THRESHOLD OF 10,000 SQ. FT.

## LEGEND

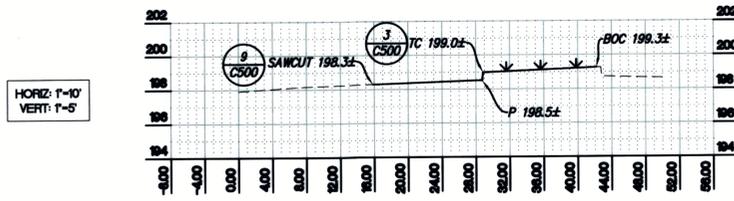
- CITY OF CUPERTINO AC PAVING
- NEW LANDSCAPE

**SANDIS**  
SUNNYVALE

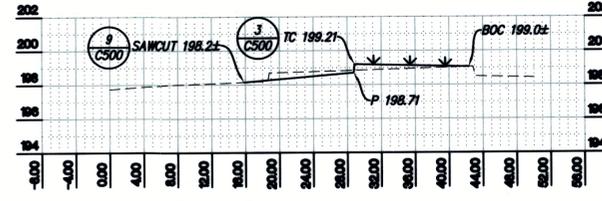
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## CONSTRUCTION NOTES

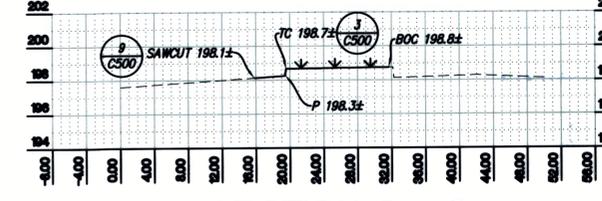
1. ANY STRIPING DISTURBED DURING CONSTRUCTION SHALL BE REMOVED AND REPLACED PER CITY OF CUPERTINO STANDARDS.
2. ANY LANDSCAPING OUTSIDE OF GRADING LIMITS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND. NEW LANDSCAPING AND IRRIGATION WILL BE THE RESPONSIBILITY OF THE CITY OF CUPERTINO.
3. FOR STRIPING LAYOUT SEE STRIPING PLANS ON SHEET C400.
4. CONTRACTOR SHALL POTHOLE AND VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES OR CONFLICTS THAT ARISE.
5. MEDIAN TO BE GRADED TO TOP OF CURB



SECTION A - A

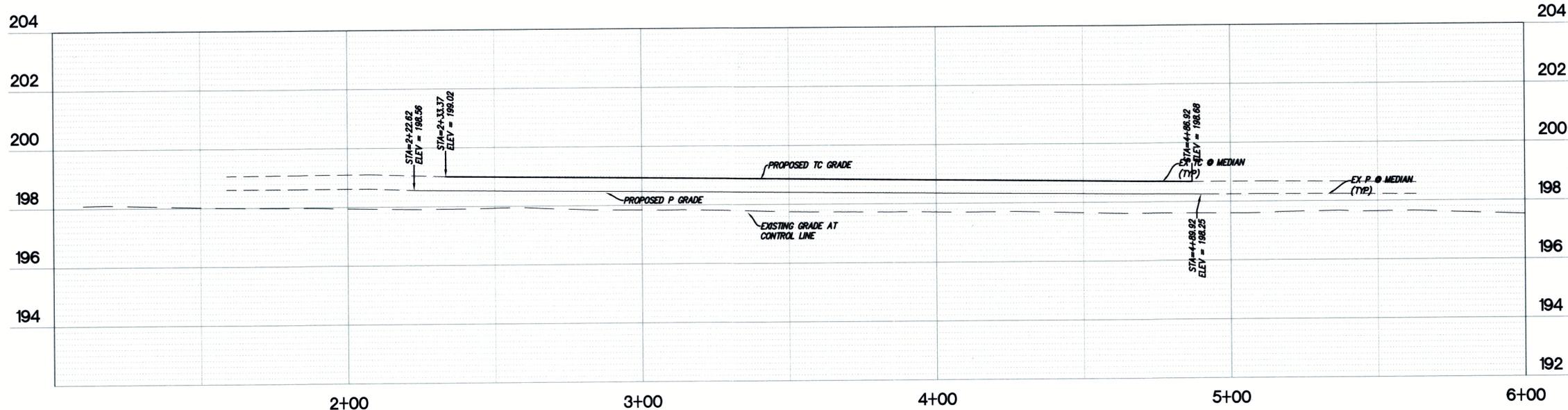
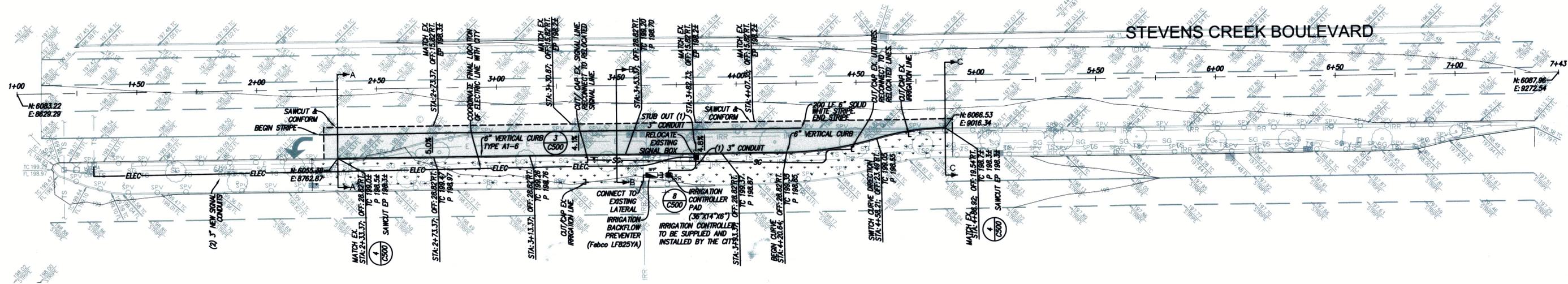


SECTION B - B



SECTION C - C

PERIMETER ROAD



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	DATE: 02/18/15 SCALE: 1"=20' DRAWN BY: JRG APPROVED BY: AT DRAWING NO.: 214107	DATE: FEBRUARY 18, 2015  CHAD J. BROWNING R.C.E. NO. 68315, EXPIRES 9-30-15	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>REVISION/ISSUE</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	REVISION/ISSUE	DATE	BY					GRADING AND UTILITY PLAN AND PROFILE	<b>STEVENS CREEK</b> <b>AT PERIMETER LEFT TURN POCKET</b> <b>CUPERTINO CALIFORNIA</b>	SHEET <b>C300</b> OF 8 SHEETS
	No.	REVISION/ISSUE	DATE	BY										
Copyright © 2014 by Sandis														

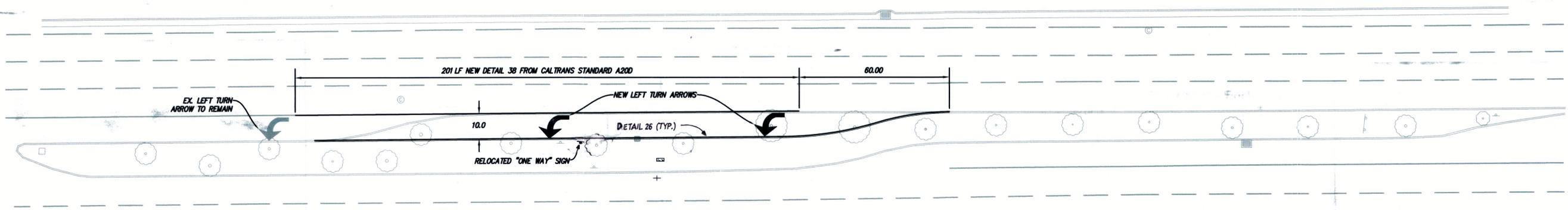
**LEGEND**

- NEW STRIPING PER DETAIL 38, FROM CALTRANS STANDARD DETAIL A200.
- EX. STRIPING
- ↩ NEW LEFT TURN ARROW PRE-FORMED THERMOPLASTIC TYPE IV

**STRIPING NOTE**

1. ALL STRIPING TO BE THERMOPLASTIC. CONTRACTOR SHALL SUPPLY SUBMITTALS TO THE CITY OF CUPERTINO FOR APPROVAL.
2. ANY PAVEMENT MARKINGS OR STRIPING DAMAGED BY CONTRACTOR BEYOND WHAT IS SHOWN ON THIS PLAN IS TO BE REPAIRED AT NO ADDITIONAL COST TO CITY.

PERIMETER ROAD



STEVENS CREEK BOULEVARD

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No.	REVISION/ISSUE	DATE	BY

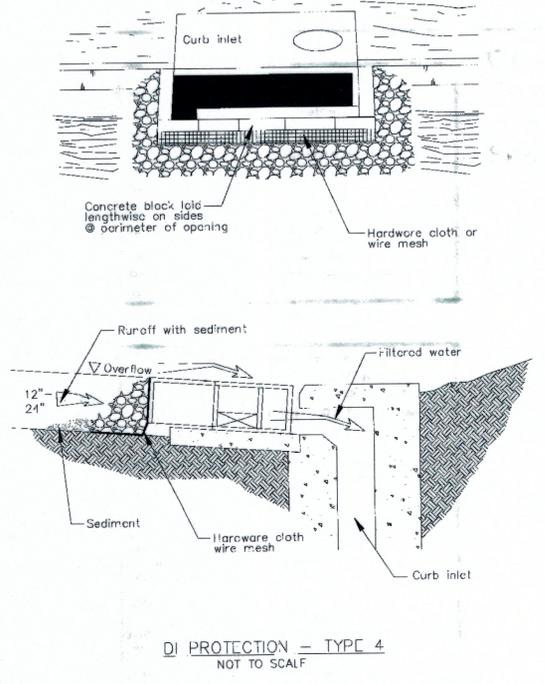
STRIPING PLAN

STEVENS CREEK  
 AT PERIMETER LEFT TURN POCKET  
 CUPERTINO CALIFORNIA

SHEET  
**C400**  
 OF 8 SHEETS



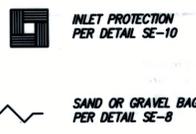
**Storm Drain Inlet Protection SE-10**



DI PROTECTION = TYPE 4  
NOT TO SCALE

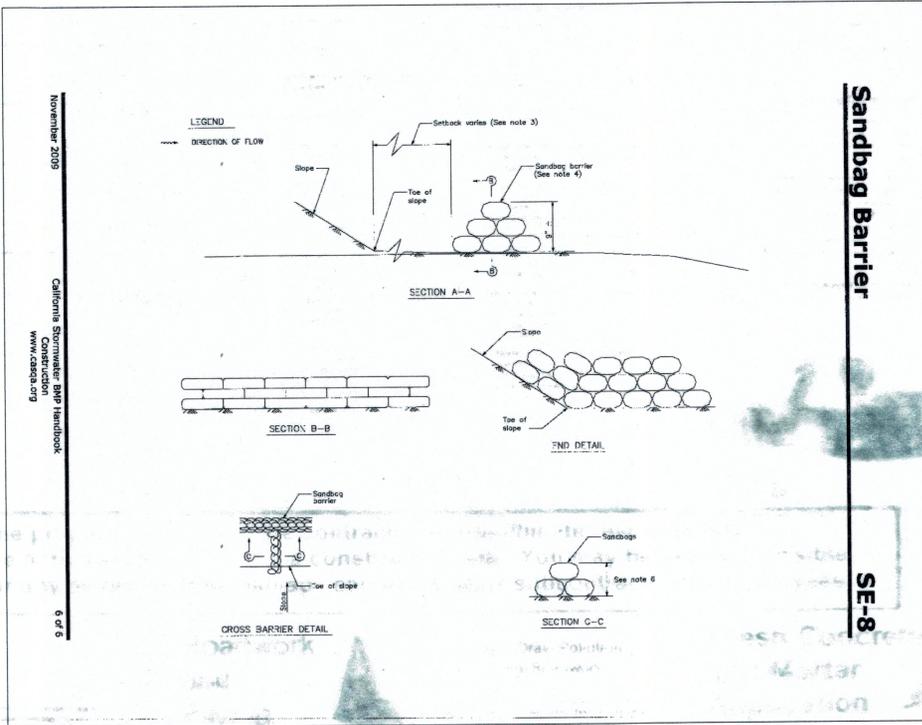
November 2009 California Stormwater BMP Handbook Construction www.casqa.org 10 of 10

**LEGEND**



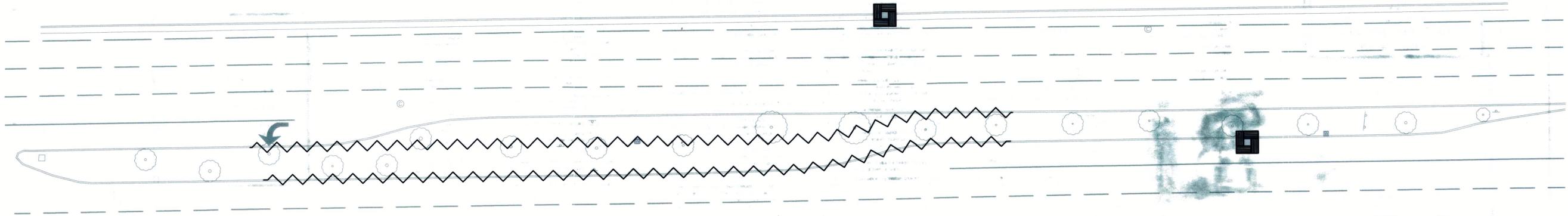
**NOTES**

1. ALL OFFSITE STORM DRAIN INLETS WITHIN THE AREA AND IMMEDIATELY DOWNSTREAM OF DISTURBANCE SHALL HAVE INLET PROTECTION PER DETAIL SE-10 TYPE 3 OR 4 SHEET C601.
2. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF SITE AS NEEDED OR AS DETERMINED BY INSPECTOR.
3. FOR TREE DISPOSITION PLAN SEE SHEET C200.
4. NO CONCRETE WASHOUT PROVIDED. CONCRETE VEHICLES TO PLAN ACCORDINGLY.



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PERIMETER ROAD



STEVENS CREEK BOULEVARD

**SANDIS** CIVIL ENGINEERS SURVEYORS PLANNERS  
936 E. Duane Ave. | Sunnyvale, CA 94085 | P. 408.636.0900 | F. 408.636.0999 | www.sandis.net  
SUNNYVALE ROSEVILLE OAKLAND

DATE: 02/18/15  
SCALE: 1"=20'  
DRAWN BY: JRG  
APPROVED BY: AT  
DRAWING NO.: 214107

DATE: FEBRUARY 18, 2015  
CHAD J. BROWNING  
R.C.E. NO. 68315, EXPIRES 9-30-15

No.	REVISION/ISSUE	DATE	BY

EROSION CONTROL PLAN AND DETAILS

STEVENS CREEK AT PERIMETER LEFT TURN POCKET CUPERTINO CALIFORNIA

SHEET OF 8 SHEETS  
**C600**

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In the Santa Clara Valley, storm drains flow directly to our local creeks, and on to San Francisco Bay, with no treatment. Storm water pollution is a serious problem for wildlife dependent on our waterways and for the people who live near polluted streams or baysides. Proper management of construction sites reduces pollution significantly. This sheet summarizes the "Best Management Practices" (BMPs) for storm water pollution prevention.

**ORDINANCE OF THE CITY OF CUPERTINO FOR NONPOINT SOURCE POLLUTION & WATERCOURSE PROTECTION: Chapter 9.18**

**9.18.040 Discharge into the storm drain prohibited**  
It is unlawful to discharge, or cause, allow, or permit to be discharged into any storm drain or natural outlet or channel all waste, including but not restricted to, sewage, industrial wastes, petroleum products, coal tar or any residue substance arising from the manufacture of gas from coal or petroleum, chemicals, detergents, solvents, paints, contaminated or chlorinated swimming pool water, pesticides, herbicides and fertilizers.

**9.18.090 Violation**  
Any person who violates any provision of this chapter is guilty of a misdemeanor and upon conviction thereof shall be punished as provided in Chapter 1.12 of this code

**9.18.100 Civil penalty for violation**  
Any person who violates any provision of this chapter or any provision of any permit issued pursuant to this chapter shall be civilly liable to the City in a sum not to exceed the amounts provided for in Government Code Section 54740 and/or 54740.5 (up to \$25,000 per day per violation). The City may petition the Superior Court pursuant to Government Code Section 54740 to impose, assess and recover such sums. The civil penalty provided in this section is cumulative and not exclusive, and shall be in addition to all other remedies available to the city under State and Federal law and local ordinances. Funds collected pursuant to this section shall be paid to City's Environmental Management Account.

**9.18.101 Civil penalty for illicit discharges**  
Any person who discharges pollutants, in violation of this chapter, by the use of illicit connections shall be civilly liable to the City in a sum not to exceed twenty-five thousand dollars per day per violation for each day in which such violation occurs. The City may petition the Superior Court pursuant to Government Code Section 54740 to impose, assess and recover such sums. The civil penalty provided in this section is cumulative and not exclusive, and shall be in addition to all other remedies available to the City under State and Federal law and local ordinances. Funds collected pursuant to this section shall be paid to City's Environmental Storm Management Account.

Cupertino Building Dept: 408-777-3228  
Public Works Dept: 408-777-3264  
Santa Clara County Recycling Hotline: 800-533-6414  
www.sandis.com  
www.cupertino.org  
Small Business Hazardous Waste: 800-299-7300  
Cupertino Sanitary Sewer Dist: 408-253-7074  
Santa Clara Valley Urban Runoff Pollution Prevention Prgm: 800-794-2482  
State Office of Emergency Services: 1-800-352-7656 (24 hrs)  
Report spills to 911

**General Construction and Site Supervision**

**Storm Drain Pollution from Construction Activities**  
Construction sites are common sources of storm water pollution. Materials and wastes that blow or wash into a storm drain, gutter, or street have a direct impact on local creeks and the Bay.

- General Principles**
- Keep an orderly site and ensure good housekeeping practices are used.
  - Maintain equipment properly.
  - Keep materials when they are not in use.
  - Keep materials away from streets, storm drains and drainage channels.
  - Ensure dust control water doesn't leave site or discharge to storm drains.

- Advance Planning To Prevent Pollution**
- Schedule excavation and grading activities for dry weather periods. To reduce soil erosion, plant temporary vegetation or place other erosion controls before rain begins. Use the Erosion and Sediment Control Manual, available from the Regional Water Quality Control Board, as a reference.
  - Control the amount of runoff creating your site (especially during excavation) by using berms or temporary vegetation to divert water flow around the site. Reduce stormwater runoff velocities by constructing temporary check dams or berms where appropriate.
  - Train your employees and subcontractors. Any person who violates any provision of this chapter is guilty of a misdemeanor and upon conviction thereof shall be punished as provided in Chapter 1.12 of this code

**Painting and Application of Solvents and Adhesives**  
All paints, solvents, and adhesives contain chemicals that are harmful to wildlife in local creeks, San Francisco Bay, and the Pacific Ocean. Toxic chemicals may come from liquid or solid products or from cleaning residues or rags. Paint residues and wastes, solvents and cleaning fluids should be recycled when possible, or disposed of properly to prevent these materials from flowing into storm drains and waterways.

**Storm Drain Pollution from Paints, Solvents, and Adhesives**  
All paints, solvents, and adhesives contain chemicals that are harmful to wildlife in local creeks, San Francisco Bay, and the Pacific Ocean. Toxic chemicals may come from liquid or solid products or from cleaning residues or rags. Paint residues and wastes, solvents and cleaning fluids should be recycled when possible, or disposed of properly to prevent these materials from flowing into storm drains and waterways.

**Handling Paint Products**

- Keep all liquid paint products and wastes away from the gutter, street, and storm drains.

**Painting Cleanup**

- Never clean brushes or rinse paint containers into a street, gutter, storm drain, French drain, or creek.
- For water-based paints, paint out brushes to the extent possible, and rinse into an indoor sink that drains to the sanitary sewer.
- For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent. Filter and reuse thinners and solvents, where possible. Dispose of excess liquids and residue as hazardous waste.
- When thoroughly dry, empty paint cans, used brushes, rags, and drop cloths may be disposed of as garbage.

**Good Housekeeping Practices**

- Designate one area of the site for auto parking, vehicle refueling, and routine equipment maintenance. The designated area should be well away from streams or storm drain inlets, bermed if necessary, state major repairs off site.
- To prevent off-site tracking of dirt, provide entrance mats with self-cleaning aggregate surface. Or provide a tire wash area.
- Keep materials out of the rain - prevent runoff contamination at the source. Cover exposed piles of soil or construction materials with plastic sheeting or temporary roofs. Before it rains, sweep and remove materials from surfaces that drain to storm drains, creeks, or channels.
- Keep pollutants off exposed surfaces. Place trash cans and recycling receptacles around the site to minimize litter.
- Clean up leaks, drips and other spills immediately so they do not contaminate soil or groundwater or leave residues on paved surfaces. Use dry cleanup methods whenever possible. If you must use water, use just enough to keep the dust down.
- Cover and maintain dumpsters. Place dumpsters under roofs or cover with tarps or plastic sheeting secured around the outside of the dumpster. Never clean out a dumpster by hosing it down on the construction site.
- Place portable toilets away from storm drains. Make sure portable toilets are in good working order. Check frequently for leaks.

**Materials/Waste Handling**

- Practice Source Reduction - minimize waste when you order materials. Estimate carefully.
- Recycle excess materials, whenever possible, such as concrete, asphalt, scrap metal, solvents, degreasers, cleaning materials, paper, rock, and vehicle maintenance materials such as used oil, antifreeze, batteries, and tires: www.recycle.com
- Recycle all wastes properly. Materials that cannot be recycled must be taken to an appropriate landfill or disposed of as hazardous waste. Never bury materials that contain asbestos, lead, or other hazardous materials in the street or near a creek or stream bed.
- Landscaping contractors should take clippings and pruning waste to a landfill that composts yard waste (SF's Heavy Industry and Zanker Rd. landfill are the nearest).
- Do not blow or rake leaves into the street.

**Permits**

- In addition to local grading and building permits, you will need to obtain coverage under the State's General Construction Activity Stormwater Permit if your construction site's disturbed area totals 5 acres or more. Information on the General Permit can be obtained from the Regional Water Quality Control Board. (The criteria will change to one acre as of Mar. 2003.)

**Landscaping, Gardening, and Pool Maintenance**

**Landscaping/Garden Maintenance**

- Protect stockpiles and landscaping materials from wind and rain by storing them under tarps or secured plastic sheeting.
- Schedule grading and excavation projects during dry weather.
- Use temporary check dams or ditches to divert runoff away from storm drains.
- Protect storm drains with sandbags, gravel-filled bags, straw wattles, or other sediment controls.
- Store pesticides, fertilizers, and other chemicals indoors or in a shed or storage cabinet.
- Use pesticides sparingly, according to instructions on the label. Rinse empty containers, and use rinsewater as product. Dispose of rinsed pesticides as hazardous waste.
- In Cupertino, residents with curbside recycling can collect lawn, garden and tree trimmings in yardwaste totes. Yardwaste will be collected and composted by the city's contractors. Residents are encouraged to compost yardwaste on-site themselves. Or take yardwaste to a landfill where it will be composted.
- Landscaping contractors should take clippings and pruning waste to a landfill that composts yard waste (SF's Heavy Industry and Zanker Rd. landfill are the nearest).
- Do not blow or rake leaves into the street.

**Storm Drain Pollution from Landscaping and Swimming Pool Maintenance**  
Many landscaping activities expose soils and increase the likelihood that earth and garden chemicals will run off into the storm drains during irrigation or when it rains. Swimming pool water containing chlorine and copper-based algaecides should never be discharged to storm drains. These chemicals are toxic to aquatic life.

**Pool/Fountain/Spa Maintenance**  
**Draining pools or spas**  
When it's time to drain a pool, spa, or fountain, please be sure to call the Cupertino Sanitary District before you start for further guidance on flow rate restrictions, backflow prevention, and handling special cleaning wastes (such as acid wash). Discharge flows should be kept to the low levels typically possible through a garden hose. Higher flow rates may be prohibited by local ordinance.

- Never discharge pool or spa water to a street or storm drain; discharge to a sanitary sewer cleanout.
- If possible, when emptying a pool or spa, let chlorine dissipate for a few days and then recycle/reuse water by draining it gradually onto a landscaped area.
- Do not use copper-based algaecides. Control algae with chlorine or other alternatives, such as sodium bromide.

**Earth-Moving Activities**

**Storm Drain Pollution from Earth-Moving Activities**  
Soil excavation and grading operations loosen large amounts of soil that can flow or blow into storm drains when handled improperly. Sediments in runoff can clog storm drains, another aquatic life, and destroy habitats in creeks and the Bay. Effective erosion control practices reduce the amount of runoff eroding a site and slow the flow with check dams or roughened ground surfaces.

**Practices During Construction**

- Remove existing vegetation only when absolutely necessary. Plant temporary vegetation for erosion control on slopes or where construction is not immediately planned.
- Protect downslope drainage courses, swales, and temporary drainage swales. Use check dams or ditches to divert runoff around excavations. Refer to the Regional Water Quality Control Board's Erosion and Sediment Control Field Manual for proper erosion and sediment control measures.
- Cover stockpiles and excavated soil with secured tarps or plastic sheeting.

**Filter Cleaning**

- Never clean a filter in the street or near a storm drain. Rinse cartridge and diatomaceous earth filters into a dirt area, and speed filter residue into soil. Dispose of spent diatomaceous earth in the garbage.
- If there is no suitable dirt area, call Cupertino Sanitary for instructions on discharging filter backwash or rinsewater to the sanitary sewer.

**Dewatering Operations**

**Storm Drain Pollution from Dewatering Activities**  
Contaminated groundwater is a common problem in the Santa Clara Valley. Depending on soil type and site history, groundwater pumped from construction sites may be contaminated with toxics (such as oil or solvents) or laden with sediments. Any of these pollutants can harm wildlife in creeks or the Bay, or interfere with wastewater treatment plant operation. Discharging sediment-laden water from a dewatering site into any water of the state without treatment is prohibited.

**Check for Toxic Pollutants**

- Check for odors, discoloration, or an oily sheen on groundwater.
- Ask your building inspector whether the groundwater must be tested.
- If contamination is suspected, have the water tested by a certified laboratory.
- Depending on the test results, you may be allowed to discharge pumped groundwater to the storm drain (if no sediments present) or sanitary sewer. OR, you may be required to collect and haul pumped groundwater off-site for treatment and disposal at an appropriate treatment facility.

**Check for Sediment Levels**

- If the water is clear, the pumping time is less than 24 hours, and the flow rate is less than 20 gallons per minute, after receiving the approval of the city inspector, you may be allowed to pump water to the storm drain.
- If the pumping time is more than 24 hours and the flow rate is greater than 20 gpm, call Cupertino Sanitary, 253-7071, for guidance.
- If the water is not clear, solids must be filtered or settled out by pumping to a settling tank prior to discharge. Options for filtering include:
  - Pumping through a perforated pipe sunk part way into a small pit filled with gravel.
  - Pumping from a bucket placed below water level using a submersible pump.
  - Pumping through a filtering device such as a swimming pool filter or filter fabric wrapped around end of suction pipe.
- When discharging to a storm drain, protect the inlet using a barrier of burlap bags filled with drain rock, or cover inlet with filter fabric anchored under the grate. OR pump water through a grassy swale prior to discharge.

**During Construction**

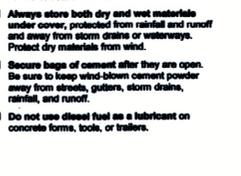
- Don't mix up more fresh concrete or cement than you will use in a two-hour period.
- Set up and operate small mixers on tarps or heavy plastic drop cloths.
- When cleaning up after driveway or sidewalk construction, wash these onto dirt areas, not down the driveway or into the street or storm drain.
- Protect applications of fresh concrete and mortar from rainfall and runoff until the material has dried.
- Wash down exposed aggregate concrete only when the weather is (1) flow into a dirt area, (2) drain onto a bermed surface from which it can be pumped and disposed of properly, or (3) be vacuumed from a catchment created by blocking a storm drain inlet. If necessary, divert runoff with temporary berms. Make sure runoff does not reach gutters or storm drains.
- When breaking up pavement, be sure to pick up all the pieces and dispose of properly. Recycle large chunks of broken concrete. See www.recycle.com for info on recyclers.
- Never bury waste material. Dispose of small amounts of excess dry concrete, grout, and mortar in the trash.
- Never dispose of washout into the street, storm drains, drainage ditches, or streams.

**Fresh Concrete and Mortar Application**

**Storm Drain Pollution from Fresh Concrete and Mortar Applications**  
Fresh concrete and cement-related mortars that wash into lakes, streams, or estuaries are toxic to fish and the aquatic environment. Disposing of these materials to the storm drains or creeks can block storm drains, cause serious problems, and is prohibited by law.

**General Business Practices**

- Wash out concrete mixers only in designated washout areas in your yard, away from storm drains and waterways, where the water will flow into a temporary waste pit in a dirt area. Let water percolate through soil and dispose of washed, hardened concrete as garbage. Whenever possible, recycle washout by pumping back into mixers for reuse.
- Wash out chutes onto dirt areas that do not flow to streets or drains.
- Always store both dry and wet materials under cover, protected from rainfall and runoff and away from storm drains or waterways. Protect dry materials from wind.
- Secure bags of cement after they are open. Be sure to keep wind-blown cement powder away from streets, gutters, storm drains, rainfall, and runoff.
- Do not use diesel fuel as a lubricant on concrete forms, tools, or trailers.



**Heavy Equipment Operation**

**Stormwater Pollution from Heavy Equipment on Construction Sites**  
Poorly maintained vehicles and heavy equipment that leak fuel, oil, antifreeze or other fluids on the construction site are common sources of storm drain pollution. Prevent spills and leaks by isolating equipment from runoff channels, and by watching for leaks and other maintenance problems. Remove construction equipment from the site as soon as possible.

**Site Planning and Preventive Vehicle Maintenance**

- Designate one area of the construction site, well away from streams or storm drain inlets, for auto and equipment parking, refueling, and routine vehicle and equipment maintenance. Contain the area with berms, sand bags, or other barriers.
- Maintain all vehicles and heavy equipment. Inspect frequently for fuel and repair leaks.
- Perform major maintenance, repair jobs, and vehicle and equipment washing off-site, where cleanup is easier.
- If you must drain and replace motor oil, radiator coolant, or other fluids on site, use drip pans or drop cloths to catch drips and spills. Collect all spent fluids, store in separate containers, and properly dispose as hazardous waste (recycle whenever possible).
- Do not use diesel oil to lubricate equipment parts, or clean equipment. Use only water for any on-site cleaning.
- Cover exposed fifth wheel hitchers and other oily or greasy equipment during rain events.

**Spill Cleanup**

- Clean up spills immediately.
- Never hose down "dirty" pavement or impermeable surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags) whenever possible and properly dispose of absorbent materials.
- Sweep up spilled dry materials immediately. Never attempt to "wash them away" with water, or bury them.
- Use as little water as possible for dust control. Ensure water used doesn't leave silt or discharge to storm drains.
- Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- Call 911 for significant spills.
- If the spill poses a significant hazard to human health and safety, property or the environment, you must also report it to the State Office of Emergency Services.

**Small Business Hazardous Waste Disposal Prgm**  
Businesses that generate less than 27 gallons or 220 pounds of hazardous waste per month are eligible to use this program. Call 408-299-7300 for a quote.

**Storm Drain Pollution from Roadwork**  
Road paving, surfacing, and pavement removal happen right in the street, where there are numerous opportunities for asphalt, saw-cut slurry, or excavated material to illegally enter storm drains. Extra planning is required to slow and dispose of materials properly and guard against pollution of storm drains, creeks, and the Bay.

**During Construction**

- Avoid paving and seal coating in wet weather, or when rain is forecast, to prevent fresh materials from contacting stormwater runoff.
- Cover and seal catch basins and manholes when applying seal coat, slurry seal, fog seal, or similar materials.
- Prevent drainage ways by using earth dikes, sand bags, or other controls to divert or trap and filter runoff.
- Never wash excess material from exposed aggregate concrete or similar treatments into a street or storm drain. Collect and recycle, or dispose to dirt area.
- Cover stockpiles (asphalt, sand, etc.) and other construction materials with plastic tarps. Protect from rainfall and prevent runoff with temporary roofs or plastic sheets and berms.
- Park paving machines over drip pans or absorbent material (cloth, rags, etc.) to catch drips when not in use.
- Clean up all spills and leaks using "dry" methods (with absorbent materials and/or rags), or dig up, remove, and properly dispose of contaminated soil.
- Collect and recycle or appropriately dispose of excess abrasive gravel or sand, 777.
- Avoid over-application by water trucks for dust control.

**Asphalt/Concrete Removal**

- Avoid creating excess dust when breaking asphalt or concrete.
- After breaking up old pavement, be sure to remove all chunks and pieces. Make sure broken pavement does not come in contact with rainfall or runoff.
- When making saw cuts, use as little water as possible. Shovel or vacuum saw-cut slurry and remove from the site. Cover or protect storm drain inlets during saw-cutting. Sweep up, and properly dispose of, all materials.
- Sweep, never hose down streets to clean up tracked dirt. Use a street sweeper or vacuum truck. Do not dump vacuumed liquor in storm drains.



The property owner and the contractor share ultimate responsibility for the activities that occur on a construction site. You may be held responsible for any environmental damage caused by your subcontractors or employees.

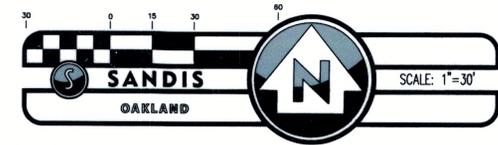
APPROVED BY: *Ralph Qualls* 1.14.03  
RALPH QUALLS, JR. RCE 22046 9-3-95 DATE  
DIRECTOR OF PUBLIC WORKS

**CONSTRUCTION BEST MANAGEMENT PRACTICES**

**CITY OF CUPERTINO**  
DEPARTMENT OF PUBLIC WORKS

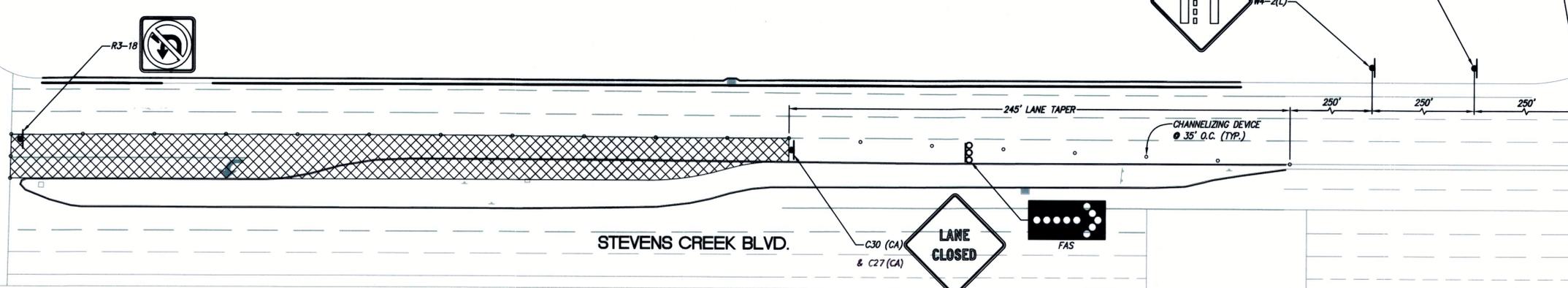
SHEET:  
of 14 SHEETS  
FILE: 52\_347

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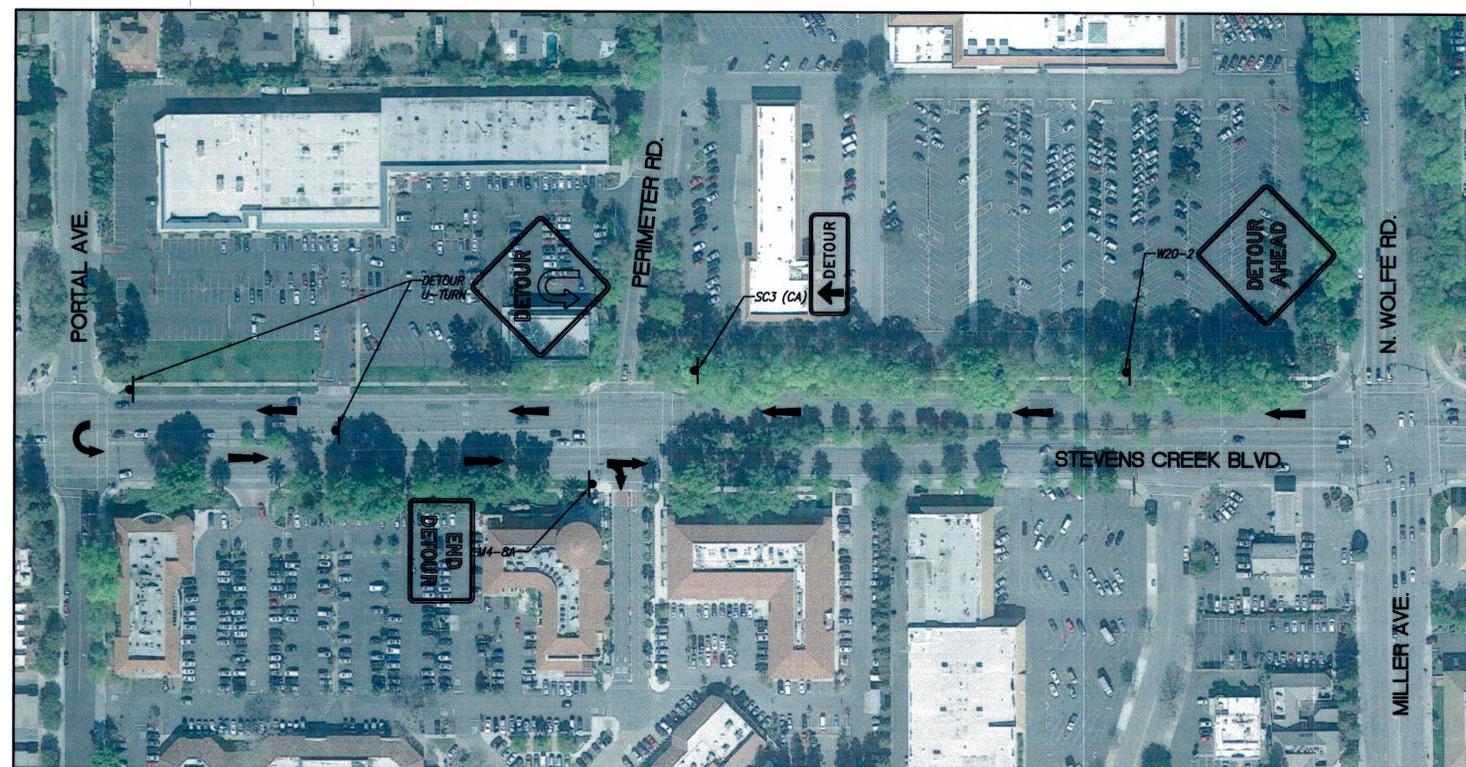


PERIMETER RD.

WOLFE RD.



ESTATES DR.



**PERIMETER ROAD DETOUR PLAN**  
1"=100'



**VICINITY MAP**  
N.T.S.

California MUTCD 2012 Edition  
(TYPICAL MUTCD 2009 Signs, as amended for use in California) Page L117

**Table 8F-101(CA), Maximum Spacing of Channelizing Devices**

Speed (mph)	Taper (feet)	Tangent (feet)	Conflict* (feet)
20	20	40	10
25	25	50	12
30	30	60	15
35	35	70	17
40	40	80	20
45	45	90	22
50	50	100	25
55	55	110	27
60	60	120	30
65	65	130	32
70	70	140	35

\* Maximum channelizing device spacing for all speeds on one-lane/two-way lanes is 20 feet.  
Maximum channelizing device spacing for all speeds on downstream tapers is 20 feet.  
All other tapers are as shown.  
Use on intermediate and short-term projects for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

**LEGEND**

- CHANNELIZING DEVICE
- TEMPORARY SIGN
- FLASHING ARROW BOARD
- WORK AREA
- DETOUR ROUTE

**GENERAL TRAFFIC CONTROL NOTES**

- TRAFFIC CONTROL DEVICES, SIGNS, AND METHODS SHALL ADHERE TO SECTION 6 OF THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THIS INCLUDES CLOSURES THAT OCCUR DURING HOURS OF DARKNESS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS ALONG STEVENS CREEK BLVD FOR THE DURATION OF CONSTRUCTION.
- CHANNELIZING DEVICES USED DURING HOURS OF DARKNESS SHALL BE GLUED OR FASTENED TO PAVEMENT.
- THE WORK ZONE SHALL HAVE FLASHING BEACONS MOUNTED ON BARRICADES AROUND CLOSED TRAFFIC LANES OR NEXT TO TRAVEL LANES DURING HOURS OF DARKNESS CLOSURES.
- TCP SHALL BE ACTIVE 24 HOURS A DAY, 7 DAYS A WEEK WHEN TRENCH IS OPEN.

**DETOUR NOTES**

THE PERIMETER ROAD DETOUR SHALL BE IN PLACE FOR THE DURATION THAT TC-1 IS ACTIVE.

**SANDIS** CIVIL ENGINEERS SURVEYORS PLANNERS  
936 E. Duane Ave. | Sunnyvale, CA 94085 | P. 408.636.0900 | F. 408.636.0999 | www.sandis.net  
SUNNYVALE ROSEVILLE OAKLAND

DATE: 03/02/15  
SCALE: AS SHOWN  
DRAWN BY: JRG  
APPROVED BY: AT  
DRAWING NO.: 214107

DATE: MARCH 2, 2015  
KENNETH N. OLCOTT  
R.C.E. NO. 51079, EXPIRES 9-30-15

No.	REVISION/ISSUE	DATE	BY

**TEMPORARY TRAFFIC CONTROL PLAN**

**STEVENS CREEK AT PERIMETER LEFT TURN POCKET CUPERTINO CALIFORNIA**

SHEET  
**TC-1**  
OF 8 SHEETS