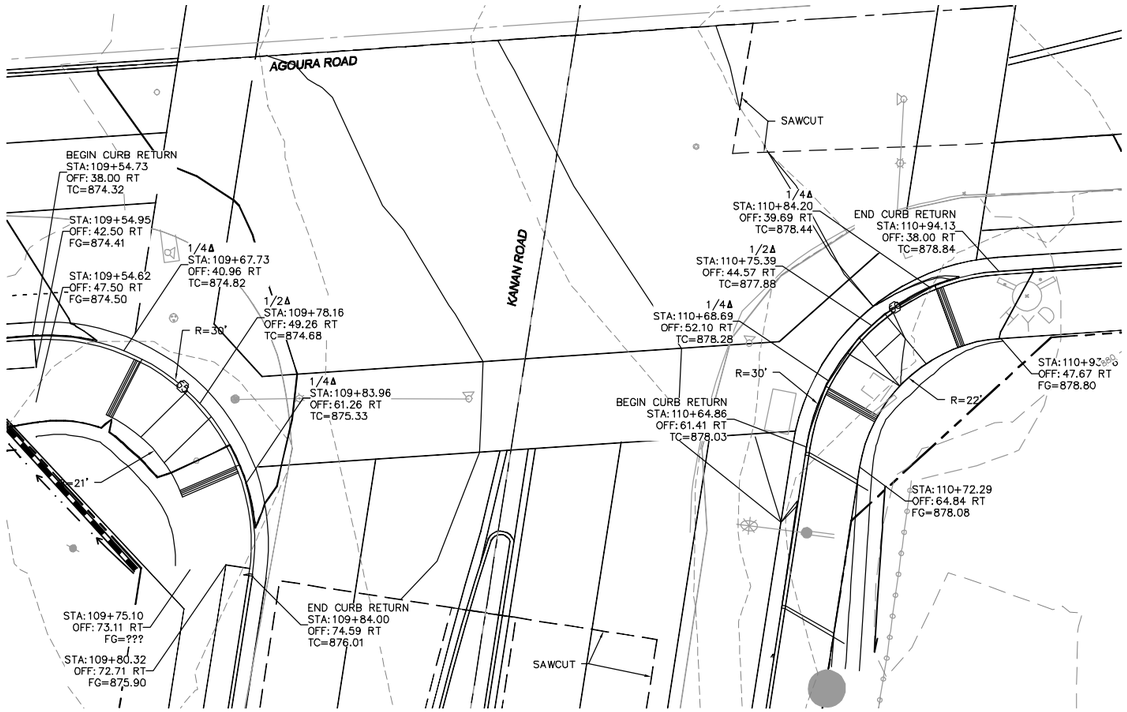
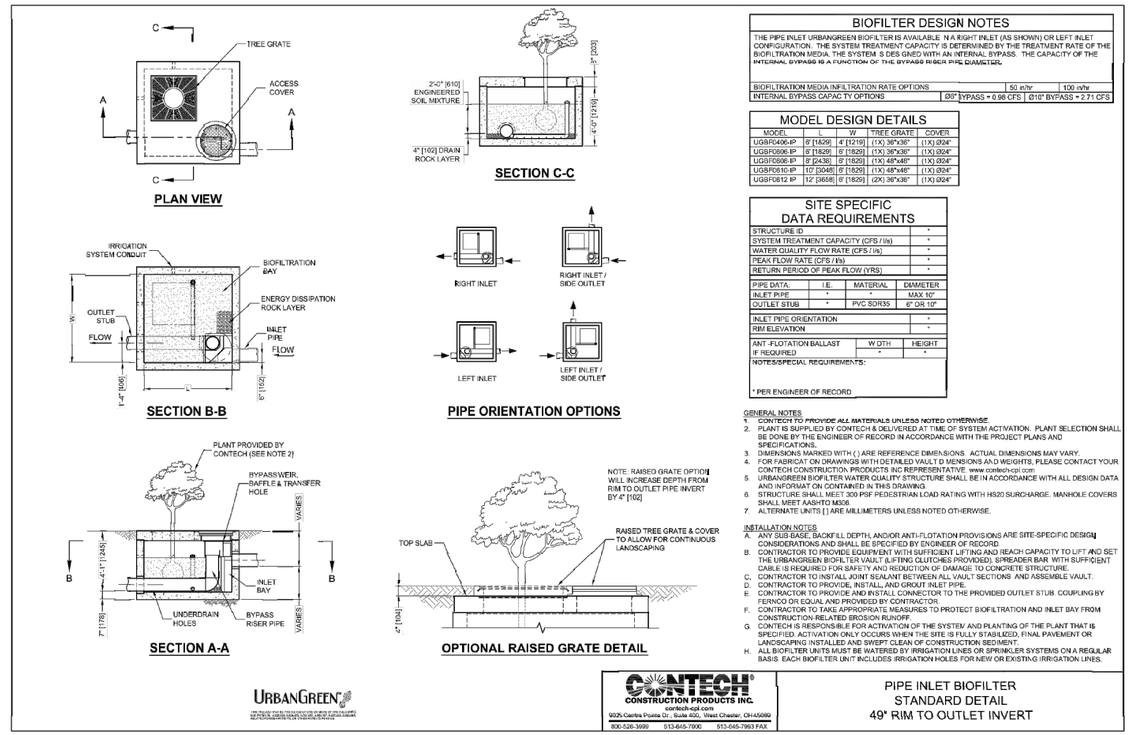


1 **CURB RETURN DETAIL**
AGOURA ROAD AND KANAN ROAD



BIOFILTER DESIGN NOTES

THE PIPE INLET URBANGREEN BIOFILTER IS AVAILABLE IN A RIGHT INLET (AS SHOWN) OR LEFT INLET CONFIGURATION. THE SYSTEM TREATMENT CAPACITY IS DETERMINED BY THE TREATMENT RATE OF THE BIOFILTRATION MEDIA. THE SYSTEM IS DESIGNED WITH AN INTERNAL BYPASS. THE CAPACITY OF THE INTERNAL BYPASS IS A FUNCTION OF THE BYPASS RISER PIPE DIAMETER.

BIOFILTRATION MEDIA INFILTRATION RATE OPTIONS	50 in/hr	100 in/hr
INTERNAL BYPASS CAPACITY OPTIONS	Ø30" BYPASS = 0.98 CFS	Ø18" BYPASS = 2.71 CFS

MODEL DESIGN DETAILS

MODEL	L	W	TREE GRATE	COVER
UGBF0406-P	8' [1829]	4' [1219]	(1X) 36"x36"	(1X) Ø24"
UGBF0606-P	8' [1829]	6' [1829]	(1X) 36"x36"	(1X) Ø24"
UGBF0806-P	8' [2438]	6' [1829]	(1X) 48"x48"	(1X) Ø24"
UGBF0610-P	10' [3048]	6' [1829]	(1X) 48"x48"	(1X) Ø24"
UGBF0612-P	12' [3658]	6' [1829]	(2X) 36"x36"	(1X) Ø24"

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	*
SYSTEM TREATMENT CAPACITY (CFS / l/s)	*
WATER QUALITY FLOW RATE (CFS / l/s)	*
PEAK FLOW RATE (CFS / l/s)	*
RETURN PERIOD OF PEAK FLOW (YRS)	*

PIPE DATA:	I.E.	MATERIAL	DIAMETER
INLET PIPE	*	*	MAX 10"
OUTLET STUB	*	PVC SDR35	6" OR 10"

INLET PIPE ORIENTATION	*
RIM ELEVATION	*

ANT -FLOTATION BALLAST IF REQUIRED	W DTH	HEIGHT
	*	*

NOTES/SPECIAL REQUIREMENTS:

* PER ENGINEER OF RECORD

GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. PLANT IS SUPPLIED BY CONTECH & DELIVERED AT TIME OF SYSTEM ACTIVATION. PLANT SELECTION SHALL BE DONE BY THE ENGINEER OF RECORD IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
3. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
4. FOR FABRICAT ON DRAWINGS WITH DETAILED VAULT D MENSIONS AN D WEIGHTS, PLEASE CONTACT YOUR CONTECH CONSTRUCTION PRODUCTS INC REPRESENTATIVE. www.contech-cpi.com
5. URBANGREEN BIOFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMAT ON CONTAINED IN THIS DRAWING.
6. STRUCTURE SHALL MEET 300 PSF PEDESTRIAN LOAD RATING WITH HS20 SURCHARGE. MANHOLE COVERS SHALL MEET AASHTO M306
7. ALTERNATE UNITS [ ] ARE MILLIMETERS UNLESS NOTED OTHERWISE.

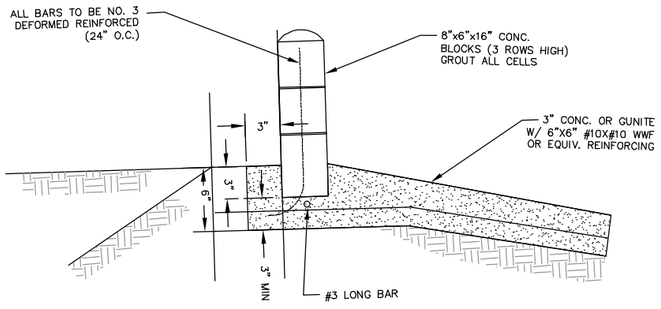
INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE URBANGREEN BIOFILTER VAULT (LIFTING CLUTCHES PROVIDED). SPREADER BAR WITH SUFFICIENT CABLE IS REQUIRED FOR SAFETY AND REDUCTION OF DAMAGE TO CONCRETE STRUCTURE.
C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL VAULT SECTIONS AND ASSEMBLE VAULT.
D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET PIPE.
E. CONTRACTOR TO PROVIDE AND INSTALL CONNECTOR TO THE PROVIDED OUTLET STUB. COUPLING BY FERNCO OR EQUAL AND PROVIDED BY CONTRACTOR.
F. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT BIOFILTRATION AND INLET BAY FROM CONSTRUCTION-RELATED EROSION RUNOFF.
G. CONTECH IS RESPONSIBLE FOR ACTIVATION OF THE SYSTEM AND PLANTING OF THE PLANT THAT IS SPECIFIED. ACTIVATION ONLY OCCURS WHEN THE SITE IS FULLY STABILIZED, FINAL PAVEMENT OR LANDSCAPING INSTALLED AND SWEPT CLEAN OF CONSTRUCTION SEDIMENT.
H. ALL BIOFILTER UNITS MUST BE WATERED BY IRRIGATION LINES OR SPRINKLER SYSTEMS ON A REGULAR BASIS. EACH BIOFILTER UNIT INCLUDES IRRIGATION HOLES FOR NEW OR EXISTING IRRIGATION LINES.

URBANGREEN

CONTECH CONSTRUCTION PRODUCTS INC.
contech-cpi.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-526-3699 513-645-7000 513-645-7993 FAX

PIPE INLET BIOFILTER
STANDARD DETAIL
49" RIM TO OUTLET INVERT

2 **URBAN GREEN BIO FILTER DETAIL**
N.T.S.



3 **SPLASH WALL DETAIL**
N.T.S.

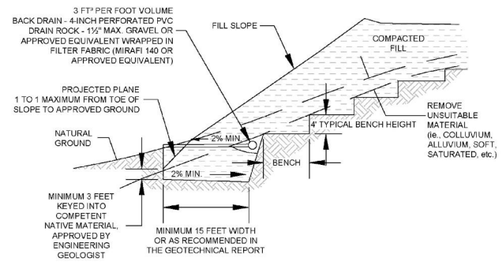
NOTES:

1. LOWEST BENCH: DEPTH AND WIDTH SUBJECT TO FIELD CHANGE BASED ON GEOTECHNICAL ENGINEER'S INSPECTION.

2. SUBDRAINAGE: BACK DRAINS MAY BE ELIMINATED AT THE DISCRETION OF THE GEOTECHNICAL CONSULTANT, BASED ON FIELD CONDITIONS.

3. SUBDRAIN INSTALLATION: SUBREAIN PIPE SHALL BE INSTALLED WITH PERFORATIONS DOWN, OR AT LOCATIONS DESIGNATED BY THE GEOTECHINICAL CONSULTANT. OUTLET PIPE SHALL BE NON-PERFOARTED PIPE.

4. SUBRAIN TYPE: SUBDRAIN TYPE SHALL BE SCHEDULE 40 PVC PIPE OR AN APPROVED EQUIVALENT.



4 **FILL SLOPE BENCHING DETAIL**
N.T.S

GRAPHIC SCALE
10 0 5 10 20
(IN FEET)
1 inch = 10 ft.

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
3		90%PS&E		6/8/12
4		100%PS&E		10/5/12

PREPARED BY:
Kimley-Horn and Associates, Inc.
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6800 Owensmouth Avenue, Suite 410, Los Angeles CA
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MICHAEL CHOI R.C.E. 67851 DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL CHOI No. C67851 CIVIL STATE OF CALIFORNIA

REVIEWED BY:
CHARMAINE YAMBAO DATE
ASSOCIATE CIVIL ENGINEER

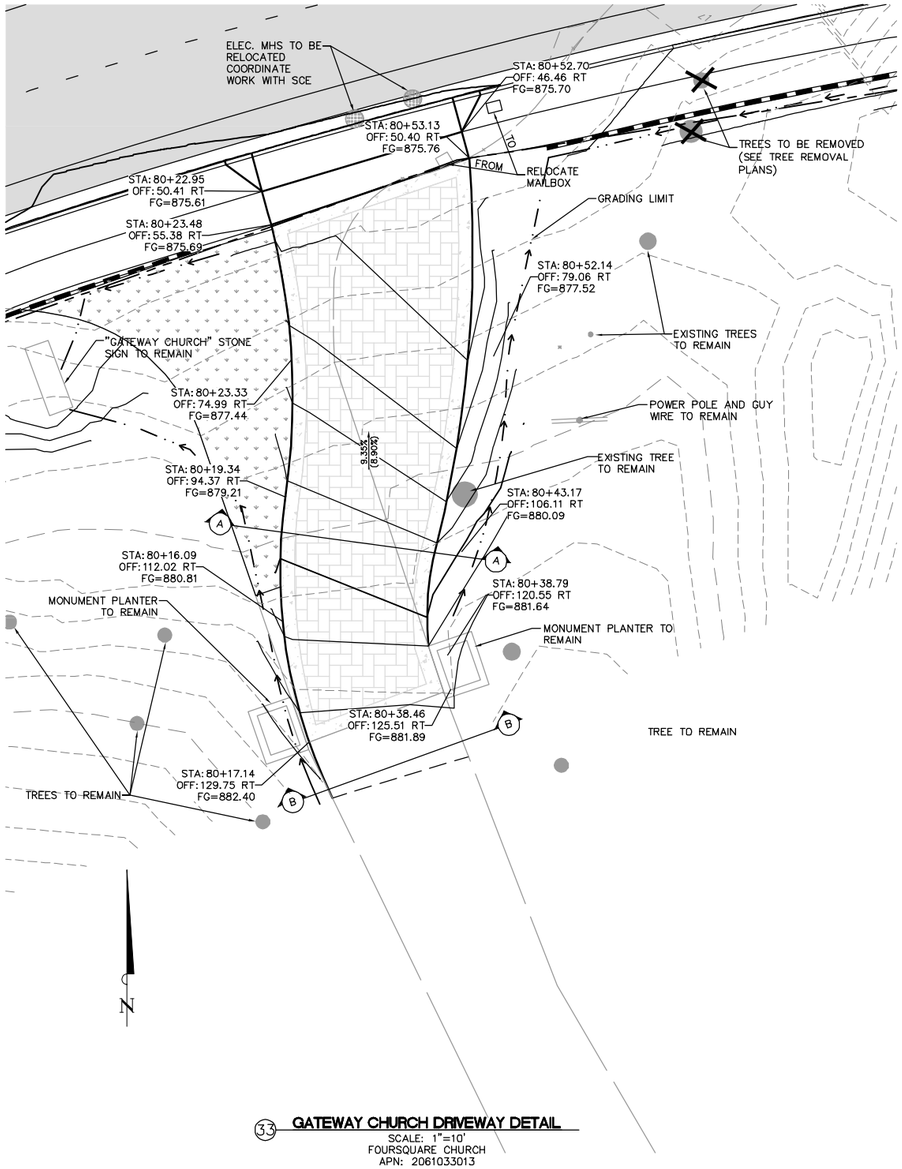
APPROVED BY:
RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
CONSTRUCTION DETAILS CD-6

DRAWN BY: RC
CHECKED BY: JS/MC
KHA JOB NUMBER 099083017
SHEET 26 OF 101

100% SUBMITTAL – OCTOBER 2012



33 GATEWAY CHURCH DRIVEWAY DETAIL

SCALE: 1"=10'
FOURSQUARE CHURCH
APN: 2061033013

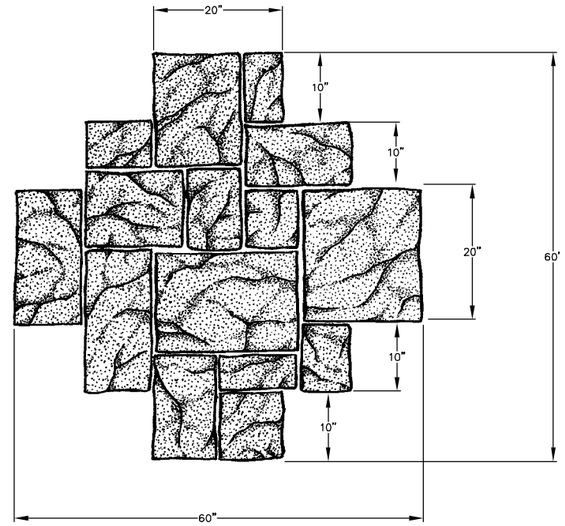
LEGEND:

0.5' STAMPED CONCRETE – MEDIUM ASHLAR SLATE PATTERN
(SEE DETAIL THIS SHEET)
2.0' 95% RELATIVE COMPACTED NATIVE

0.5' HMA (TYPE A)
1.0' CLASS 2 AB
2.0' 95% RELATIVE COMPACTED NATIVE

0.5' PCC
2.0' 95% RELATIVE COMPACTED NATIVE

SOD (TO MATCH EXISTING SPECIES OF SOD)

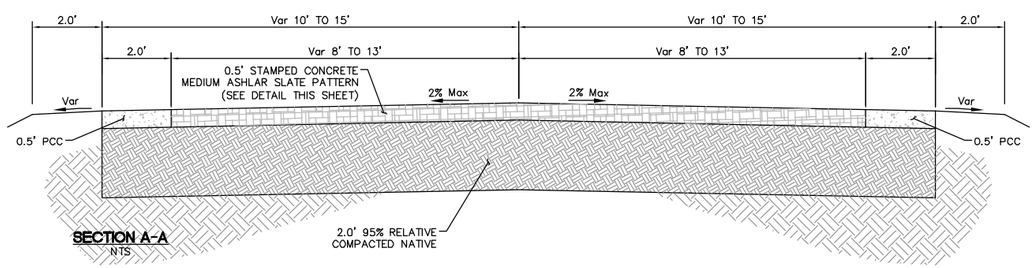


STAMPED CONCRETE PATTERN DETAIL

MEDIUM ASHLAR SLATE (ENGLISH SLATE) FROM BOMANITE®

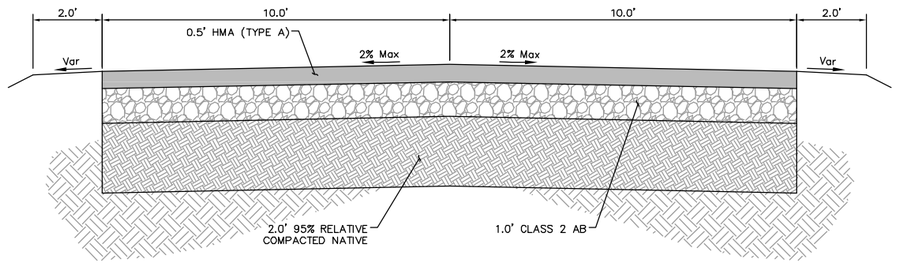
NTS

*NOTE: CONTRACTOR TO INSTALL BOMANITE STAMPED CONCRETE OR APPROVED EQUAL. ENGINEER TO APPROVE IN WRITING STAMPED CONCRETE PATTERN AND COLOR PRIOR TO CONSTRUCTION.



SECTION A-A

NTS



SECTION B-B

NTS

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
3		90%PS&E		6/8/12
4		100%PS&E		10/5/12

PREPARED BY:

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MICHAEL CHOI R.C.E. 67851 DATE

REGISTERED PROFESSIONAL ENGINEER
MICHAEL CHOI
No. C67851
CIVIL
STATE OF CALIFORNIA

REVIEWED BY:

CHARMAINE YAMBAO DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

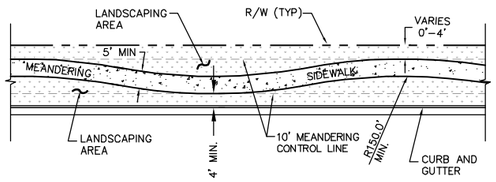
RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
CONSTRUCTION DETAILS CD-7

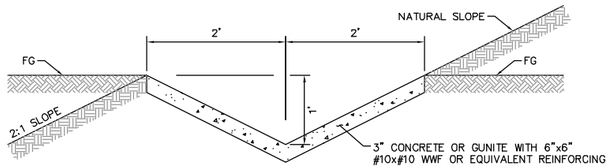
DRAWN BY: RC
CHECKED BY: JS/MC
KHA JOB NUMBER 099083017

100% SUBMITTAL – OCTOBER 2012

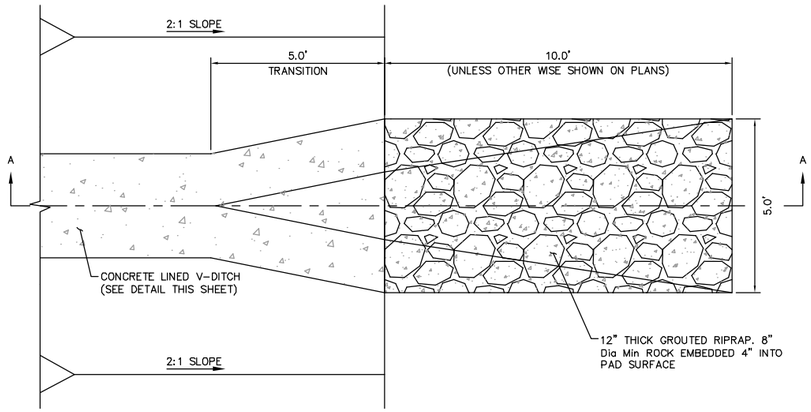


NOTES:
1. WIDTHS AS DIMENSIONED UNLESS OTHERWISE SHOWN ON PLAN.
2. CROSS SLOPES OF MEANDERING SIDEWALK TO BE 2.0% MAXIMUM.
3. COMPACTION UNDER MEANDERING SIDEWALK AREA TO BE 90%.

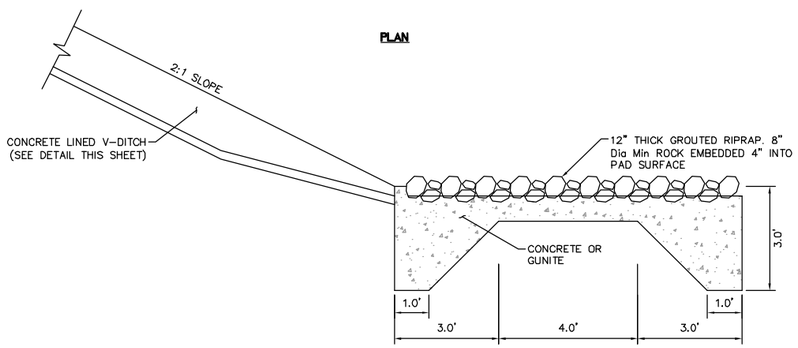
(1) MEANDERING SIDEWALK DETAIL
NTS



(2) CONCRETE LINED V-DITCH DETAIL
NTS

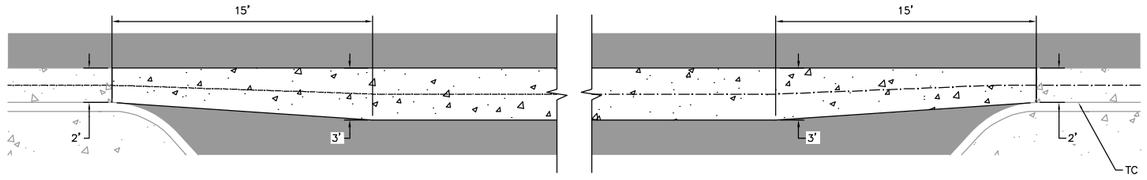


PLAN

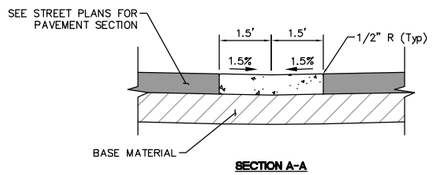


SECTION A-A

(3) RIPRAP PAD DETAIL
NTS



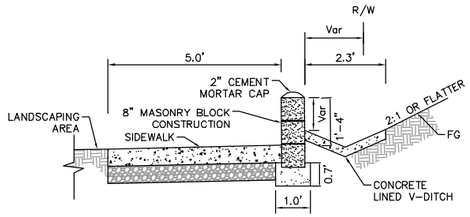
PLAN



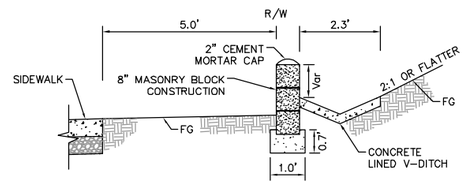
SECTION A-A

NOTES:
1. CROSS GUTTER TO BE CONSTRUCTED WHERE THE DRAINAGE IS CARRIED ACROSS ANGLED PARKING.
2. MINIMUM ALLOWABLE CROSS SLOPE IS 0.5%.
3. CONCRETE SHALL BE 560#/ft^3-C-3250.
4. IN ALL CASES SUBGRADE SHALL BE COMPACTED TO 95% MINIMUM RELATIVE COMPACTION TO DEPTH OF 12".

(4) VALLEY/CROSS GUTTER DETAIL
NTS

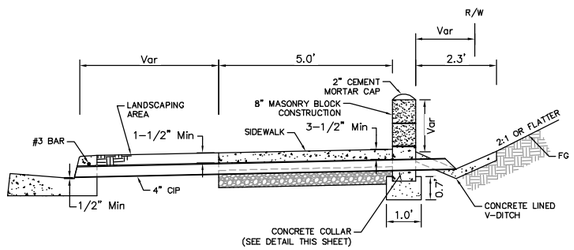


SLOUGH WALL AT BACK OF MEANDERING SIDEWALK

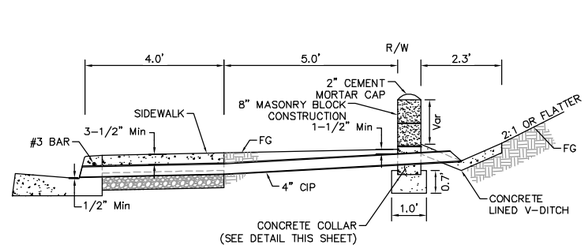


SLOUGH WALL AT RIGHT OF WAY

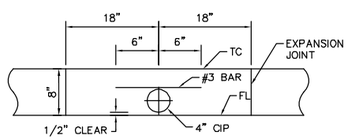
(5) SLOUGH WALL AND DITCH DETAIL
NTS



SLOUGH WALL AT BACK OF MEANDERING SIDEWALK

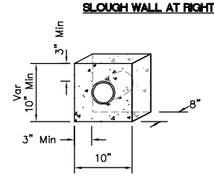


SLOUGH WALL AT RIGHT OF WAY



NOTE: APPLIES TO ANY NUMBER OF PIPES. SPACE ADDITIONAL PIPES 6" C-C.

CURB PROFILE



NOTE: APPLIES TO ANY NUMBER OF PIPES. SPACE ADDITIONAL PIPES 6" C-C.

CONCRETE COLLAR DETAIL

(6) SLOUGH WALL WITH CURB DRAIN DETAIL
NTS

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
3		90%PS&E		6/8/12
4		100%PS&E		10/5/12

PREPARED BY:

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MICHAEL CHOI R.C.E. 67851 DATE

REGISTERED PROFESSIONAL ENGINEER — MICHAEL CHOI — No. C67851 — CIVIL — STATE OF CALIFORNIA

REVIEWED BY:

CHARMAINE YAMBAO DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

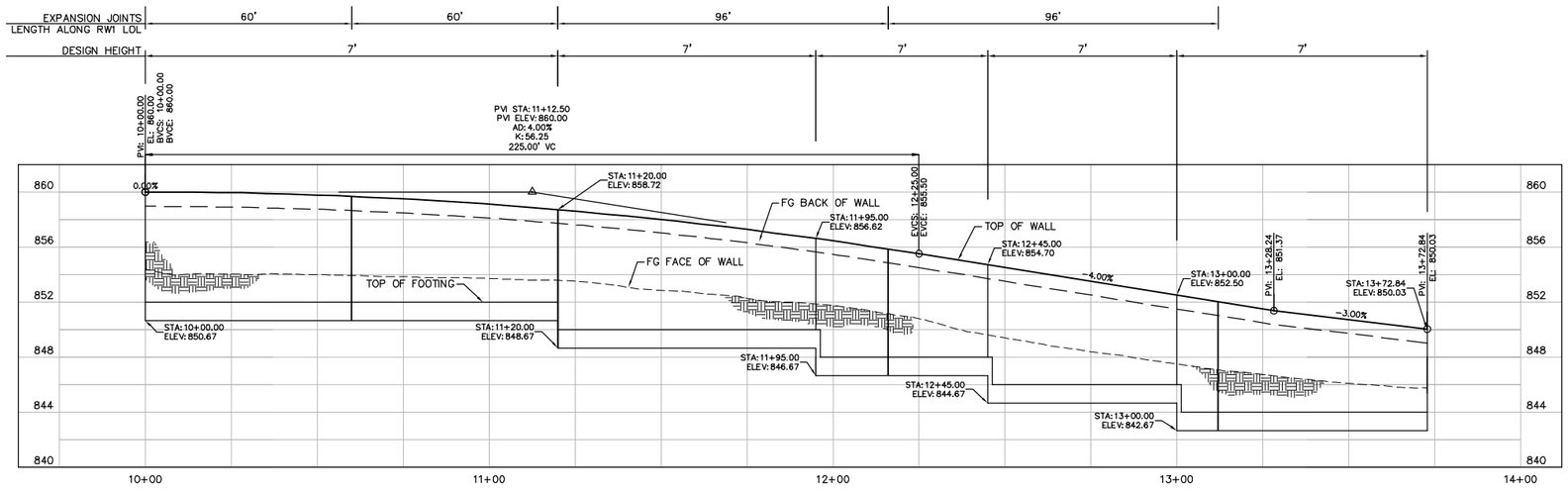
RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
CONSTRUCTION DETAILS CD-8

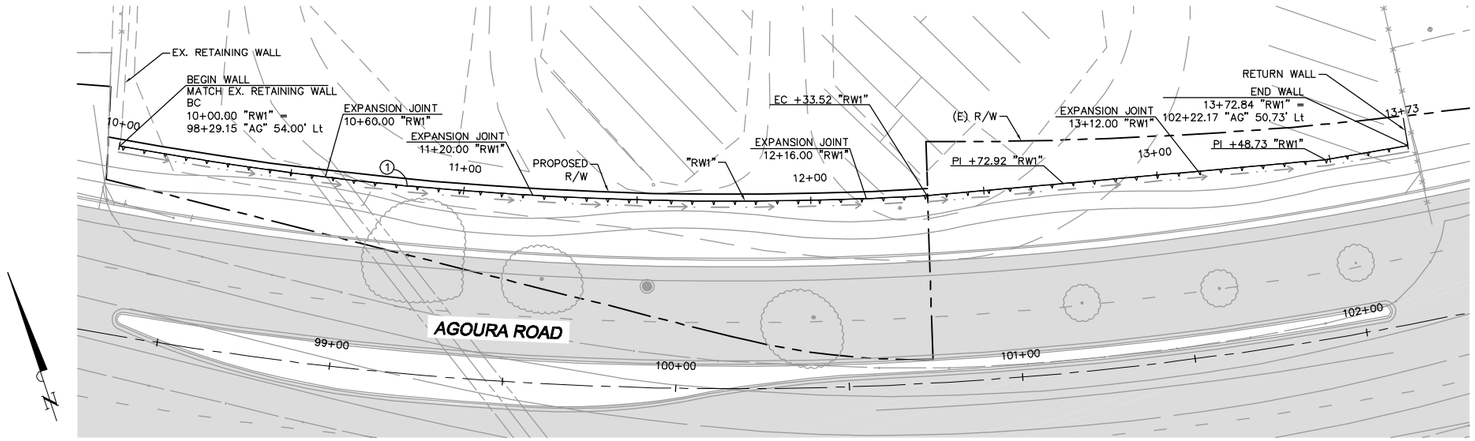
DRAWN BY: RC
CHECKED BY: JS/MC
KHA JOB NUMBER 099083017
SHEET 28 OF 101

100% SUBMITTAL – OCTOBER 2012



RETAINING WALL 1 PROFILE - "RW1" LINE

SCALE: HOR 1"=20'
VER 1"=5'



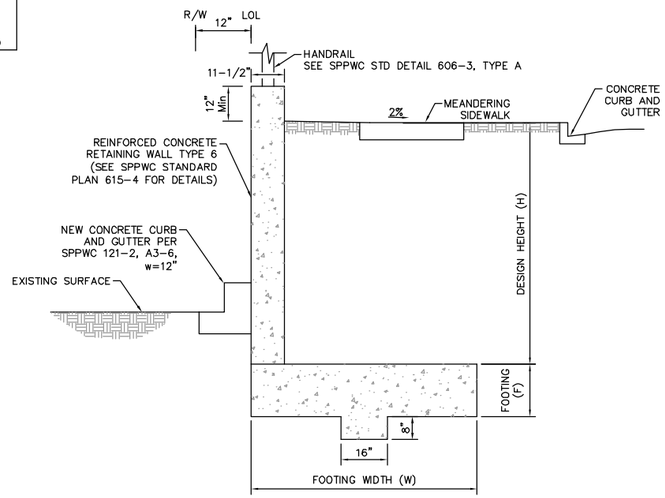
RETAINING WALL 1 - REINFORCED CONCRETE RETAINING WALL TYPE 6

SCALE: 1"=20'

CURVE DATA						
No.	R	Δ	T	L	N	E
①	986.00'	13°34'12"	117.31'	233.52'	1876520.089	6330491.666

NOTES:
1. SEE SPPWC STD. PLAN 617-3 FOR REINFORCED CONCRETE RETAINING WALL DETAILS.

DESIGN HEIGHT (H)	FOOTING WIDTH (W)	FOOTING THICKNESS (F)	CONCRETE (CY/FT)
7'	6'	18"	1.93



SECTION

NTS

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
3		90%PS&E		6/8/12
4		100%PS&E		10/5/12

PREPARED BY:

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MICHAEL CHOI R.C.E. 67851 DATE

REGISTERED PROFESSIONAL ENGINEER — MICHAEL CHOI — No. 067851 — CIVIL — STATE OF CALIFORNIA

REVIEWED BY:

CHARMAINE YAMBAO DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

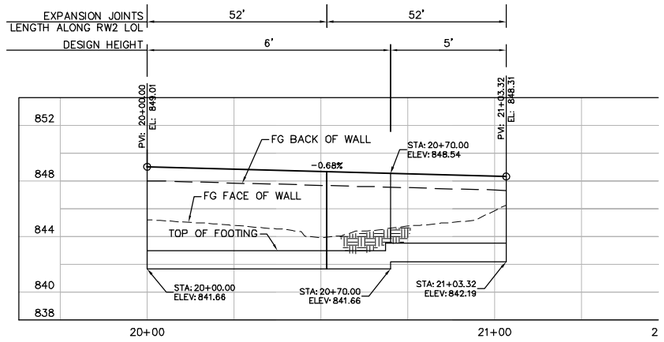
RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
RETAINING WALL PLANS RW-1

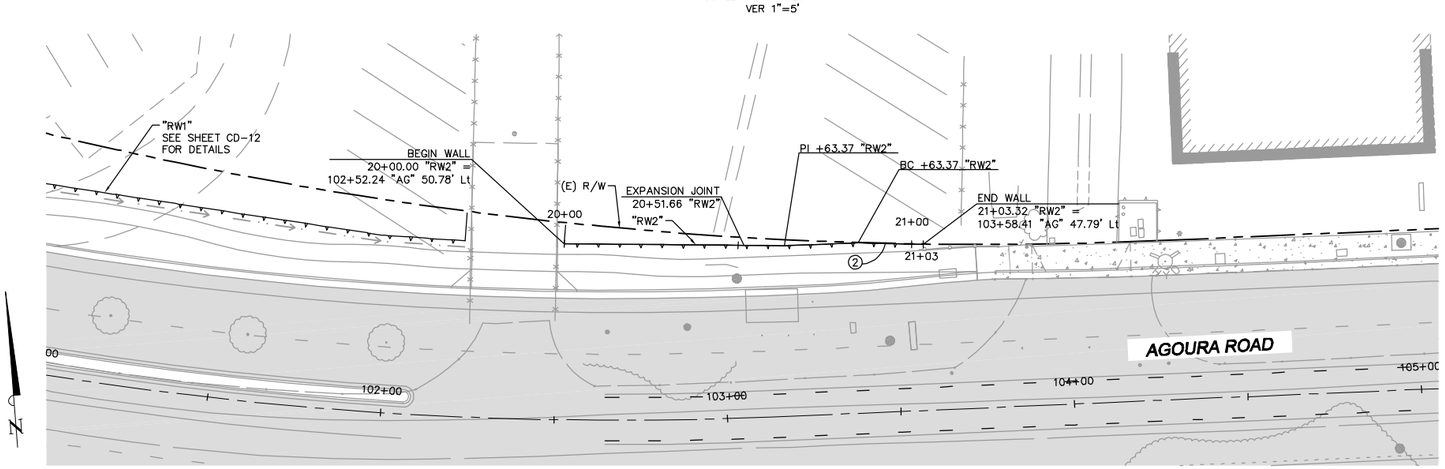
DRAWN BY: RC
CHECKED BY: JS/MC
KHA JOB NUMBER 099083017
SHEET 29 OF 101

100% SUBMITTAL - OCTOBER 2012



RETAINING WALL 2 PROFILE - "RW2" LINE

SCALE: HOR 1"=20'
VER 1"=5'



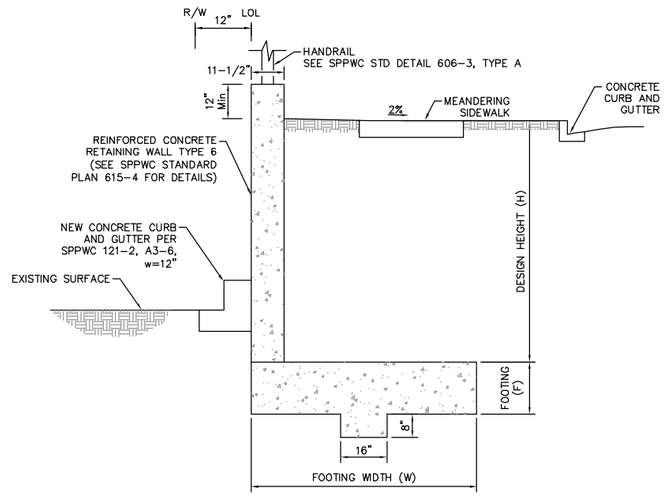
RETAINING WALL 2 - REINFORCED CONCRETE RETAINING WALL TYPE 6

SCALE: 1"=20'

CURVE DATA						
No.	R	Δ	T	L	N	E
②	1149.36'	0°56'07"	9.38'	18.76'	1876671.436	6330608.752

NOTES:
1. SEE SPPWC STD. PLAN 617-3 FOR REINFORCED CONCRETE RETAINING WALL DETAILS.

DESIGN HEIGHT (H)	FOOTING WIDTH (W)	FOOTING THICKNESS (F)	CONCRETE (CY/FT)
5'	4'-6"	16"	1.30
6'	5'	16"	1.63



SECTION

NTS

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
3		90%PS&E		6/8/12
4		100%PS&E		10/5/12

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APPROVED BY:

RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

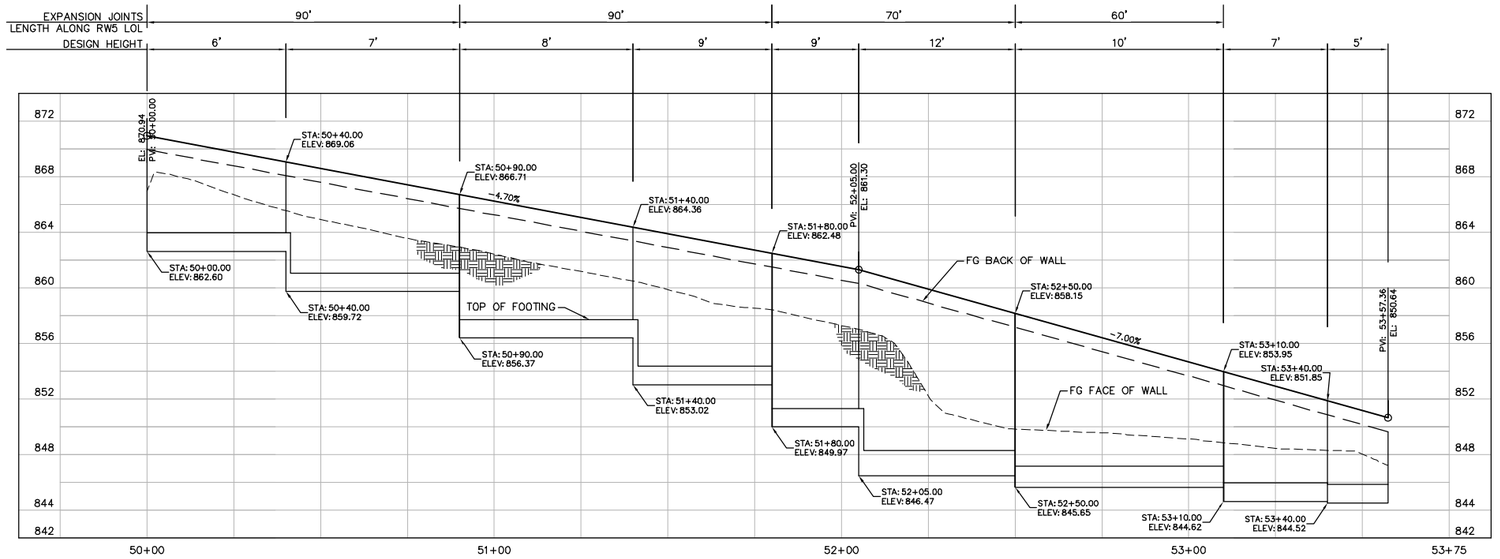
CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
RETAINING WALL PLANS RW-2

DRAWN BY:	CHECKED BY:	KHA JOB NUMBER
RC	JS/MC	099083017

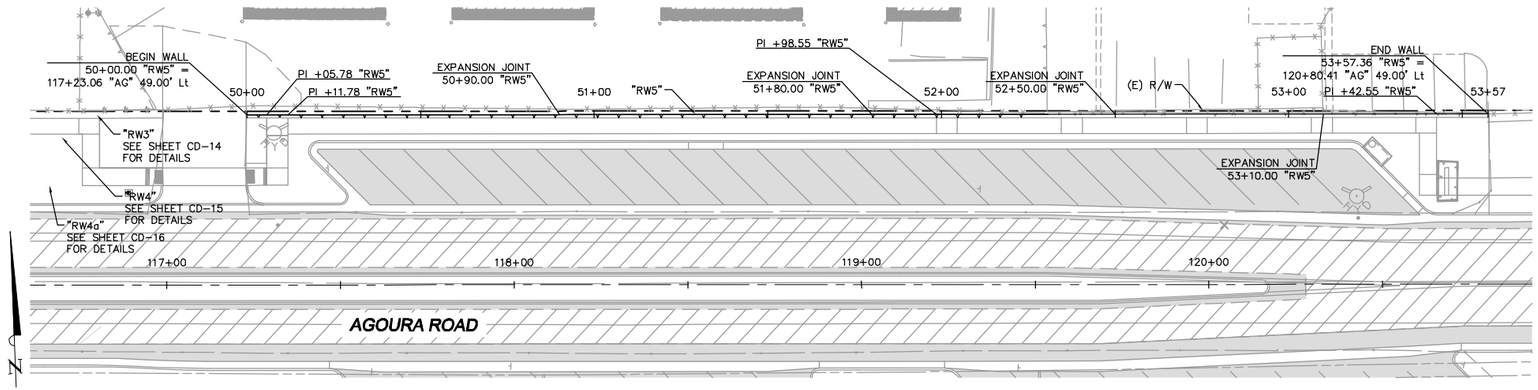
SHEET 30 OF 101

100% SUBMITTAL - OCTOBER 2012



RETAINING WALL 5 PROFILE - "RW5" LINE

SCALE: HOR 1"=20'
VER 1"=5'

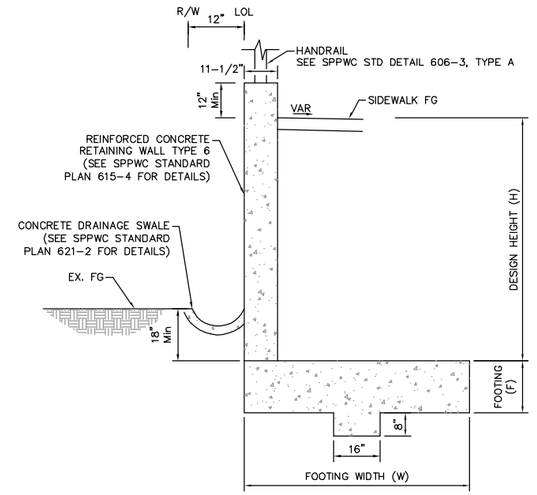


RETAINING WALL 5 - REINFORCED CONCRETE RETAINING WALL TYPE 6

SCALE: 1"=20'

NOTES:
1. SEE SPPWC STD. PLAN 617-3 FOR REINFORCED CONCRETE RETAINING WALL DETAILS.

DESIGN HEIGHT (H)	FOOTING WIDTH (W)	FOOTING THICKNESS (F)	CONCRETE (CY/FT)
5'	4'-6"	16"	1.30
6'	5'	16"	1.63
7'	6'	18"	1.93
9'	7'-6"	18"	2.58
10'	8'	18"	2.66
12'	9'-6"	22"	3.80



SECTION

NTS

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
3		90%PS&E		6/8/12
4		100%PS&E		10/5/12

PREPARED BY:

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MICHAEL CHOI R.C.E. 67851 DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL CHOI No. C67851 CIVIL STATE OF CALIFORNIA

REVIEWED BY:

CHARMAINE YAMBAO DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
RETAINING WALL PLANS RW-3

DRAWN BY:	CHECKED BY:	KHA JOB NUMBER
RC	JS/MC	099083017

SHEET 31 OF 101

100% SUBMITTAL - OCTOBER 2012

EROSION CONTROL NOTES

1. TEMPORARY EROSION CONTROL DEVICES SHOWN ON THE IMPROVEMENT PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES.
2. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATIONS AND PERIODICALLY THEREAFTER AS DIRECTED BY THE INSPECTOR.
3. WHEN THE INSPECTOR SO DIRECTS, A 12–INCH BERM SHALL BE MAINTAINED ALONG THE TOP OF THE SLOPE OF THOSE FILLS ON WHICH GRADING IS NOT IN PROGRESS.
4. A) VELOCITY CHECK DAMS SHALL BE PROVIDED ACROSS THE OUTLETS OF ALL LOTS DRAINING INTO THE STREET.
   B) ALL FILLS SHALL BE GRADED TO PROMOTE DRAINAGE AWAY FROM THE EDGE OF THE FILLS.
5. STAND–BY CREWS SHALL BE ALERTED BY THE PERMITTEE OR CONTRACTOR FOR EMERGENCY WORK DURING RAINSTORMS.
6. ALL UTILITY TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS FROM BOTTOM TO TOP WITH A DOUBLE ROW OF SANDBAGS PRIOR TO BACKFILL. SEWER TRENCHED SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS WITH A DOUBLE ROW OF SANDBAGS EXTENDING DOWNWARD, TWO SANDBAGS FROM THE GRADED SURFACE OF THE STREET. SANDBAGS ARE TO BE PLACED WITH ALTERNATE HEADER AND STRECHER COURSES. THE INTERVALS PRESCRIBED BETWEEN SANDBAG BLOCKING SHALL DEPEND ON THE SLOPE OF THE GROUND SURFACE, BUT SHALL NOT EXCEED THE FOLLOWING:

GRADE OF THE STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

7. VELOCITY CHECK DAMS SHALL BE PROVIDED IN ALL UNPAVED STREET AREAS AT THE INTERVALS INDICATED ABOVE. VELOCITY CHECK DAMS MAY BE CONSTRUCTED OF SANDBAGS, TIMBER, OR OTHER EROSION–RESISTANT MATERIALS APPROVED BY THE INSPECTOR, AND SHALL EXTEND COMPLETELY ACROSS THE STREET OR CHANNEL AT RIGHT ANGLES TO THE CENTERLINE. EARTH DIKES MAY NOT BE USED AS VELOCITY CHECK DAMS.
8. VELOCITY CHECK DAMS SHALL BE PROVIDED IN ALL UNPAVED GRADED CHANNELS AT THE INTERVALS INDICATED BELOW.

GRADE OF CHANNEL	INTERVALS BETWEEN CHECK DAMS
LESS THAN 5%	100 FEET
5% TO 10%	50 FEET
OVER 10%	25 FEET

9. AFTER SEWER AND UTILITY TRENCHES ARE BACKFILLS AND COMPACTED, THE SURFACE OVER SUCH TRENCHES SHALL BE MOUNDED SLIGHTLY TO PREVENT CHANNELING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROVIDE FOR CROSS FLOW AT FREQUENT INTERVALS WHERE TRENCHES ARE NOT ON THE CENTERLINE OF A CROWNED STREET.
10. EXCEPT WHEN THE INSPECTOR DIRECTS OTHERWISE, ALL DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS FORECAST, AND SHALL BE MAINTAINED DURING THE RAINY SEASON (OCTOBER 1 TO APRIL 15).
11. ALL BASINS AND CHECK DAMS SHALL HAVE THE DEBRIS AND SILT REMOVED AFTER EACH STORM TO RESTORE THEIR CAPACITY.
12. SANDBAGS SHALL BE STOCKPILED IN PARKWAY AT INTERVALS SHOWN ON EROSION PLANS, READY TO BE PLACED IN POSITION WHEN RAIN IS FORCASTED, OR WHEN THE INSPECTOR SO DIRECTS.
13. BRUSH AND GROUND COVER MAY NOT BE REMOVED MORE THAN 10 FEET ABOVE FILLS BETWEEN OCTOBER 1 AND APRIL 15.

MINIMUM BMP'S:

THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) IS THE PORTION OF THE CLEAN WATER ACT THAT APPLIES TO THE PROTECTION OF RECEIVING WATERS. UNDER PERMITS FROM THE LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (RWQCB), CERTAIN ACTIVITIES ARE SUBJECT TO RWQCB ENFORCEMENT. TO MEET THE REQUIREMENTS OF THE LOS ANGELES COUNTY MUNICIPAL STORMWATER PERMIT (CAS004001), MINIMUM REQUIREMENTS FOR SEDIMENT CONTROL, EROSION CONTROL AND CONSTRUCTION ACTIVITIES MUST BE IMPLEMENTED ON EACH PROJECT SITE. MINIMUM REQUIREMENTS INCLUDE:

SEDIMENT CONTROL: ERODED SEDIMENTS FROM AREAS DISTRIBUTED BY CONSTRUCTION AND FROM STOCKPILES OF SOIL SHALL BE RETAINED ON SITE TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT VIA RUNOFF, VEHICLE TRACKING OR WIND.

WET WEATHER EROSION CONTROL PLAN (WWECP): IS REQUIRED FOR PROJECTS ONE ACRE OR MORE THAT WILL HAVE CONSTRUCTION OCCUR DURING THE WET SEASON (OCTOBER 1ST – APRIL 15TH).

HILLSIDE: CONSTRUCTION UPON SLOPES 25% OR MORE REQUIRES THE IMPLEMENTATION OF ADDITIONAL BMPS TO PROTECT SLOPES AND PREVENT EROSION AND SEDIMENT RUNOFF.

CONSTRUCTION MATERIALS CONTROL: CONSTRUCTION RELATED MATERIALS, WASTES, SPILLS OR RESIDUES SHALL BE RETAINED ON SITE TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJOINING PROPERTIES BY WIND OR RUNOFF. RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITES UNLESS TREATED TO REMOVE SEDIMENT AND POLLUTANTS.

NON STORMWATER RUNOFF: NON–STORMWATER RUNOFF FROM EQUIPMENT AND VEHICLE WASHING AND ANY OTHER ACTIVITY SHALL BE CONTAINED AT THE PROJECT SITE.

EROSION: EROSION FROM SLOPES AND CHANNELS SHALL BE CONTROLLED BY IMPLEMENTING AN EFFECTIVE COMBINATION OF BMPS (AS APPROVED IN REGIONAL BOARD RESOLUTION NO. 99–03), SUCH AS THE LIMITING OF GRADING SCHEDULE DURING DURING THE WET SEASON; INSPECTING GRADING AREAS DURING RAIN EVENTS; PLANTING AND MAINTENANCE OF VEGETATION ON SLOPES; AND COVERING EROSION SUSCEPTIBLE SLOPES.

(1) SOIL PILES MUST BE COVERED WITH TARPS PR PLASTIC, (2) LEAKING EQUIPMENT MUST BE REPAIRED IMMEDIATELY, (3) REFUELING MUST BE CONDUCTED AWAY FROM CATCH BASINS, (4) CATCH BASINS MUST BE PROTECTED WHEN WORKING NEARBY, (5) VACUUM ALL CONCRETE SAW CUTTING, (6) NEVER WASH CONCRETE WASTE INTO THE STREET, (7) KEEP SITE CLEAN, SWEEP THE GUTTERS AT THE END OF EACH WORKING DAY AND KEEP A TRASH RECEPTACLE ON SITE.

GENERAL NOTES:

AS THE ENGINEER OF RECORD, I HAVE SELECTED APPROPRIATE BMPS TO EFFECTIVELY MINIMIZE THE NEGATIVE IMPACTS OF THIS PROJECT'S CONSTRUCTION ACTIVITIES ON STORMWATER QUALITY. THE PROPERTY OWNER (OR HIS/HER AGENT) 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 REDUNDNT OR DEEMED NOT APPLICABLE TO THE PROPOSED CONSTRUCTION ACTIVITY.

–BMP INSTALLATION AND MAINTENANCE WILL BE PERFORMED BY A PROFESSIONAL BMP INSTALLER.

–ALL NECESSARY SITE INSPECTIONS WILL BE PERFORMED BY A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC).

–ON SITE WASHING OF CONSTRUCTION OF OTHER VEHICLES IS PROHIBITED. NO WATER FROM THE WASHING OF CONSTRUCTION VEHICLES OR EQUIPMENT ON SITE IS PERMITTED TO RUN OFF THE CONSTRUCTION SITE AND ENTER THE MUNICIPAL STORM DRAIN SYSTEM.

–HOSING DOWN OF DRIVEWAYS AND STREETS IS PROHIBITED. USE SHOVELS, BROOMS, AND EFFECTIVE SWEEPERS TO MINIMIZE THE DISCHARGE OF NON–STORM WATER. DISCHARGE FROM CONSTRUCTION SITE DUE TO CONSTRUCTION OPERATIONS, SUCH AS PAINT, STUCCO, PLASTERING, AND WASHWATER IS PROHIBITED.

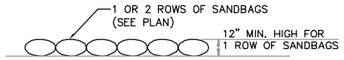
STORMWATER POLLUTION PREVENTION PLAN (SWPPP) WET WEATHER EROSION CONTROL (WWECP) GENERAL NOTES:

1. IN CASE OF EMERGENCY CALL CHARMAINE YAMBAO AT (818) 597–7360.
2. A STAND–BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (OCTOBER 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.
3. 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.
4. 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.
5. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
6. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
7. 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.
8. DESILTING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN OCTOBER 1 AND APRIL 15 OF THE FOLLOWING YEAR WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL.
9. 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.
10. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NONSTORM WATER FROM THE PROJECT SITES AT ALL TIMES.
11. 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.
12. STOCKPILES OF EARTH AND OTHER CONSTRUCTION–RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
13. 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.
14. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC RIGHT–OF–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.
15. CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMP'S ARE INSTALLED AND FUNCTIONING PROPERLY BEFORE AND AFTER 0.25 INCHES OR GREATER PREDICTED OR 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 AND INSPECTION LOGS ARE AVAILABLE UPON REQUEST).
16. TRASH AND CONSTRUCTION–RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
17. 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 RIGHT–OF–WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
18. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
19. AS THE ENGINEER OF RECORD, I HAVE SELECTED APPROPRIATE BMP'S 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 BMP'S MUST BE INSTALLED, MONITORED, AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS. THE BMP'S NOT SELECTED FOR IMPLEMENTATION ARE REDUNDANT OR DEEMED NOT APPLICABLE TO THE PROPOSED CONSTRUCTION ACTIVITY.

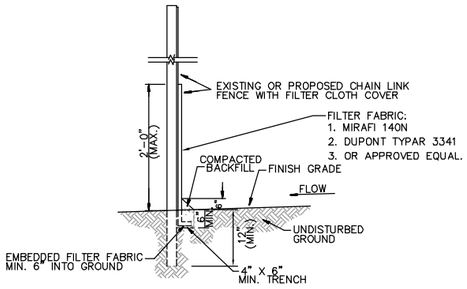
_____ _____
CIVIL ENGINEERS SIGNATURE DATE

20. THE BMP'S FROM THE "CALIFORNIA STORMWATER BMP HANDBOOK" – MARCH 2003, MUST BE IMPLEMENTED FOR ALL CONSTRUCTION ACTIVITIES AS APPLICABLE.

*THE ABOVE NOTES AND BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE BMP HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA 2004, OR THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY COUNTY INSPECTORS).



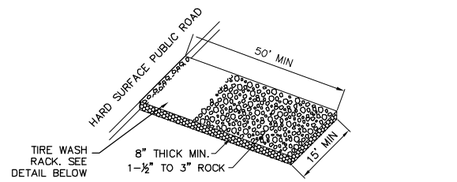
SAND BAGGING DETAIL 1
N.T.S.



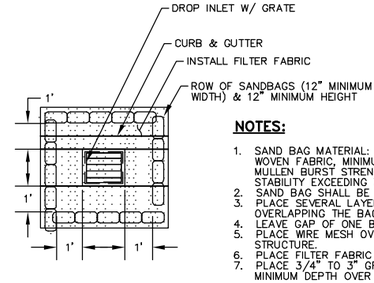
CROSS–SECTION

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SEDIMENTATION/SILT FENCE 3
N.T.S.



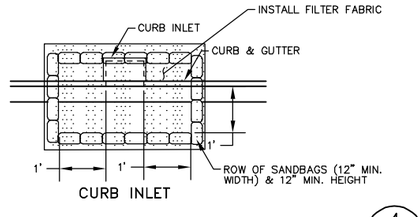
STABILIZED CONSTRUCTION ENTRANCE 2
N.T.S. – CONTRACTOR TO LOCATE



DROP INLET W/ GRATE

NOTES:

1. SAND BAG MATERIAL: POLYPROPYLENE, POLYETHYLENE OR POLYMIDE WOVEN FABRIC, MINIMUM UNIT WEIGHT 4 OUNCES PER SQUARE YARD, MULLEN BURST STRENGTH EXCEEDING 300 PSI, AND ULTRAVIOLET STABILITY EXCEEDING 70%.
2. SAND BAG SHALL BE FILLED WITH 3/4" ROCK OR 1/4" PEA GRAVEL.
3. PLACE SEVERAL LAYERS OF SAND BAGS (12" MINIMUM HIGH) OVERLAPPING THE BAGS AND PACKING THEM TIGHTLY TOGETHER.
4. LEAVE GAP OF ONE BAG ON THE TOP ROW TO SERVE AS A SPILLWAY.
5. PLACE WIRE MESH OVER AND 1' (MINIMUM) BEYOND THE INLET STRUCTURE.
6. PLACE FILTER FABRIC OVER WIRE MESH.
7. PLACE 3/4" TO 3" GRAVEL OVER THE FILTER FABRIC/WIRE MESH (12" MINIMUM DEPTH OVER THE ENTIRE INLET OPENING).



CURB INLET

STORM DRAIN INLET PROTECTION 4
N.T.S.

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
3		90%PS&E		6/8/12
4		100%PS&E		10/5/12

PREPARED BY:

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MICHAEL CHOI R.C.E. 67851 DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL CHOI No. C67851 CIVIL STATE OF CALIFORNIA

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CHARMAINE YAMBAO DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

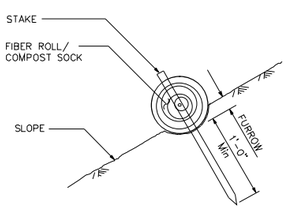
CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
EROSION CONTROL EC–0

DRAWN BY:	CHECKED BY:	KHA JOB NUMBER
RC	JS/MC	099083017

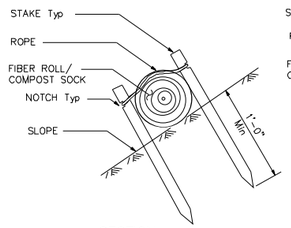
SHEET 32 OF 101

100% SUBMITTAL – OCTOBER 2012

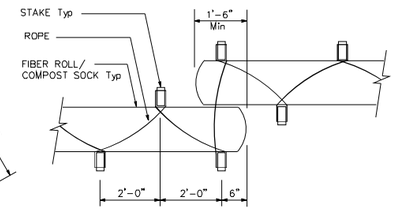


SECTION

FIBER ROLL/COMPOST SOCK
(TYPE 1)

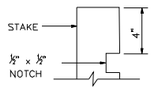


SECTION



PLAN

FIBER ROLL/COMPOST SOCK
(TYPE 2)



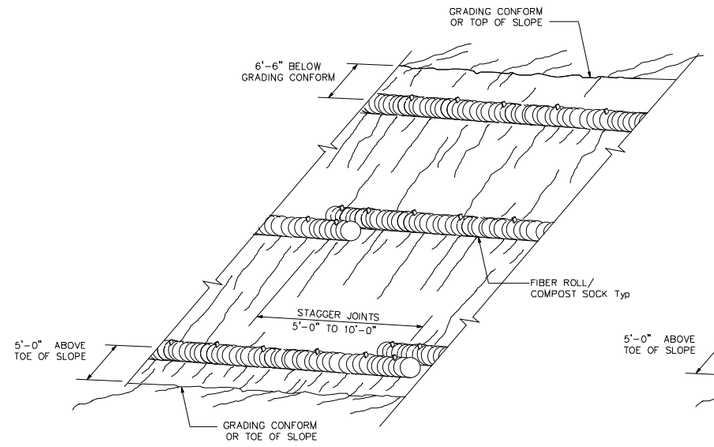
ELEVATION

STAKE NOTCH DETAIL

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

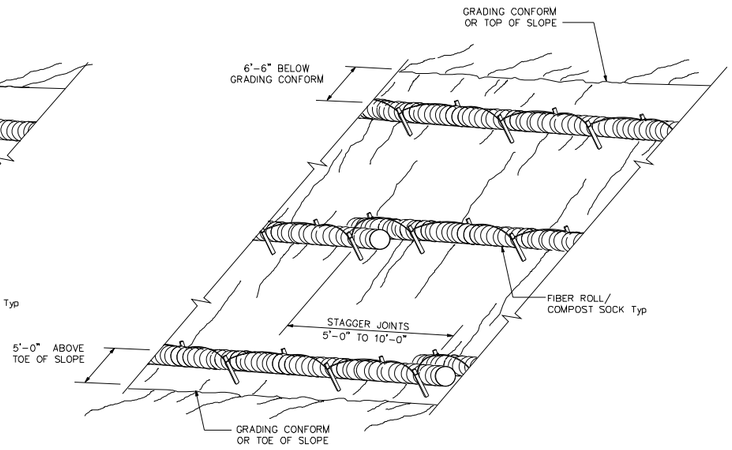
NOTE:

1. Installations shown in the perspectives are for slope inclination of 10:1 (Horiz:Vert) and steeper.



PERSPECTIVE

FIBER ROLL/COMPOST SOCK
(TYPE 1)



PERSPECTIVE

FIBER ROLL/COMPOST SOCK
(TYPE 2)

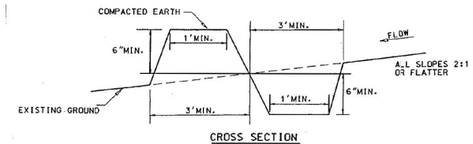
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS
FIBER ROLL AND COMPOST SOCK

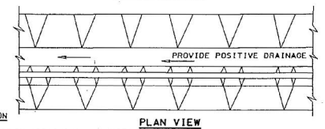
NO SCALE

H51

2010 STANDARD PLAN H51



CROSS SECTION



PLAN VIEW

STABILIZATION

PD/S-1 SEED AND MULCH (DRAINING ≤ 1 ACRE)
PD/S-2 SEED AND COVER WITH SOIL STABILIZATION MATTING OR LINE WITH SOD (DRAINING BETWEEN 1 AND 2 ACRES)

STANDARD SYMBOL
PD/S-1

Construction Specifications

1. All perimeter dike/swales shall have an uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1%.

2. Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.

3. Runoff diverted from an undisturbed area shall outlet into an undisturbed stabilized area at a non-erosive velocity.

4. The swale shall be excavated or shaped to line, grade, and cross-section as required to meet the criteria specified in the standard.

5. Fill shall be compacted by earth moving equipment.

6. Stabilization with seed and mulch or as specified of the area disturbed by the dike and swale shall be completed within 7 days upon removal.

7. Inspection and required maintenance shall be provided after each rain event.

Note: The maximum drainage area for this practice is 2 acres.

PERIMETER DIKE/SWALE
N.T.S.

2

FIBER ROLL/COMPOST STOCK DETAIL
N.T.S.

1

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
3		90%PS&E		6/8/12
4		100%PS&E		10/5/12

PREPARED BY:

Kimley-Horn and Associates, Inc.

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MICHAEL CHOI R.C.E. 67851 DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL CHOI No. 067851 CIVIL STATE OF CALIFORNIA

REVIEWED BY:

CHARMAINE YAMBAO DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

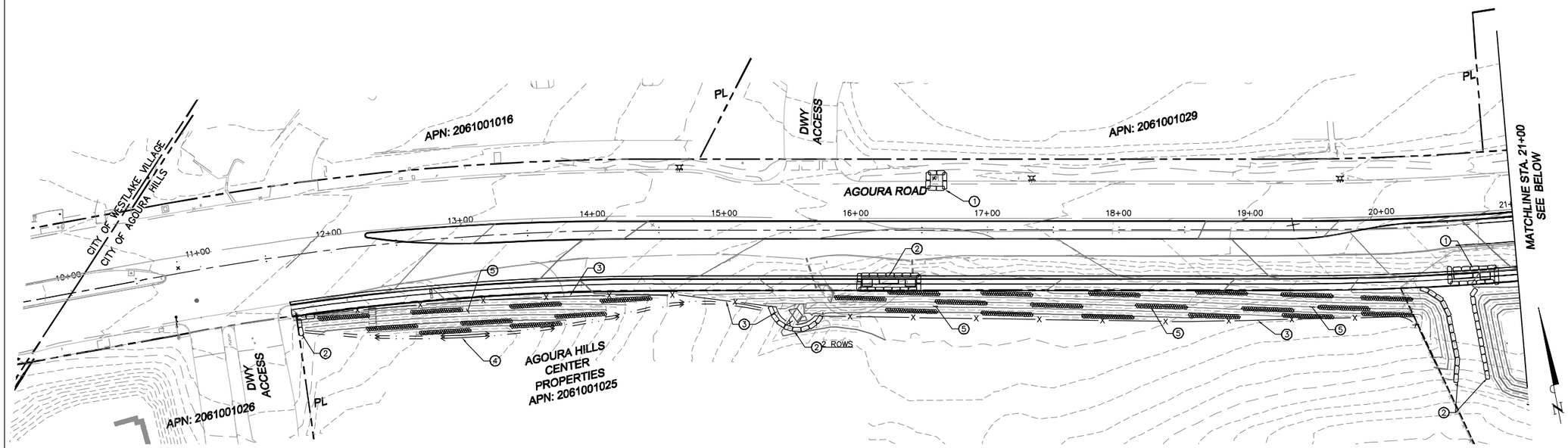
RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
EROSION CONTROL EC-1

DRAWN BY: RC
CHECKED BY: JS/MC
KHA JOB NUMBER 099083017
SHEET 33 OF 101

100% SUBMITTAL – OCTOBER 2012



LEGEND:

- SANDBAGS
- SILT FENCE
- EARTH DIKE
- FIBER ROLL/ COMPOST STOCK

KEY NOTES:

1. INSTALL INLET PROTECTION PER DETAIL 4 ON SHEET EC-0.
2. INSTALL SANDBAGS PER DETAIL 1 ON SHEET EC-0.
3. INSTALL SILT FENCE PER DETAIL 3 ON SHEET EC-0.
4. CONSTRUCT EARTH DIKE PER DETAIL 2 ON SHEET EC-1. INSTALL VELOCITY CHECK DAMS AS REQUIRED PER EROSION CONTROL NOTES 7 AND 8 ON SHEET EC-0.
5. INSTALL FIBER ROLL/COMPOST STOCK PER DETAIL 1 ON SHEET EC-1.

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 INCH = 40 FT.

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
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ASSOCIATE CIVIL ENGINEER

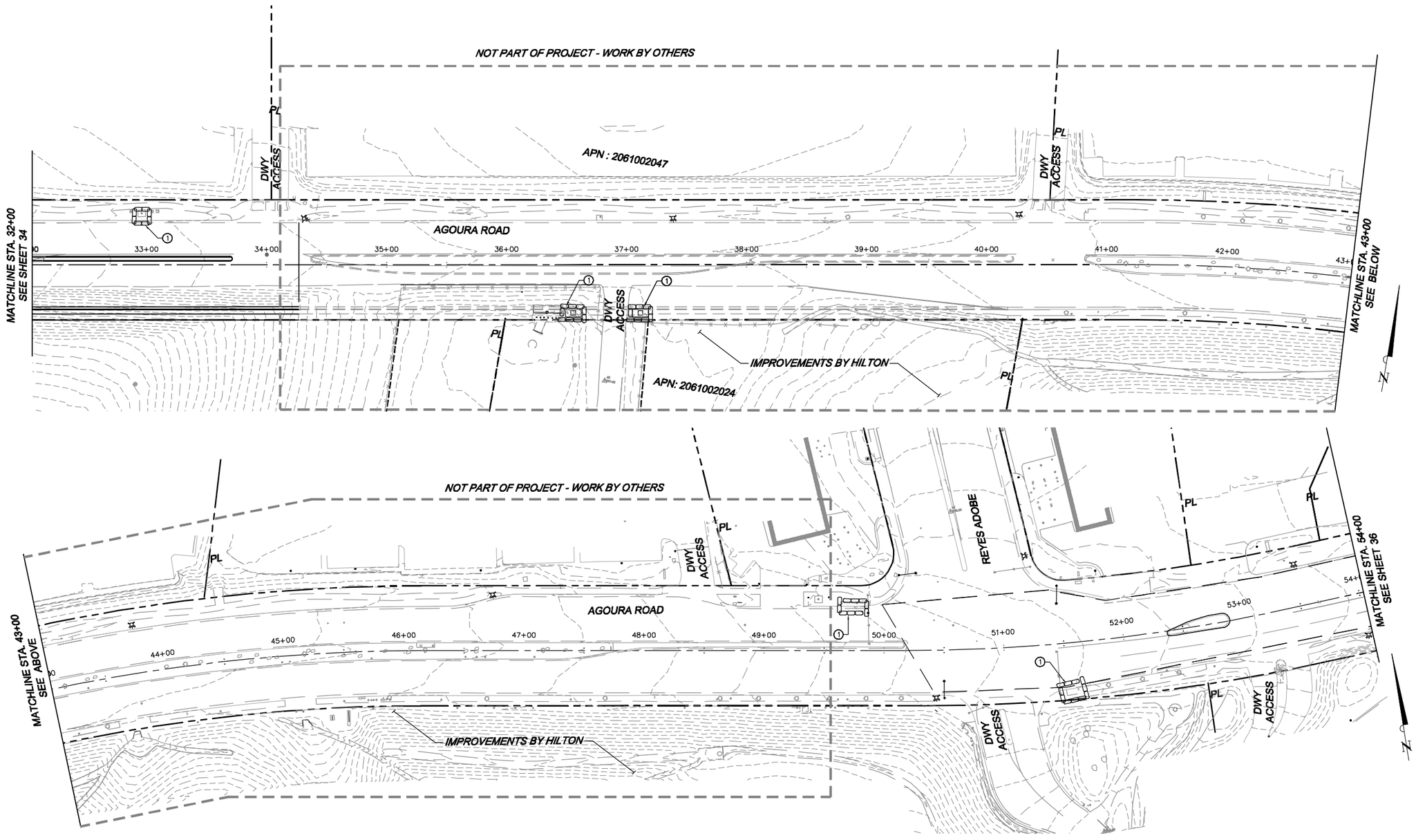
APPROVED BY:
RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
EROSION CONTROL EC-2

DRAWN BY: RC
CHECKED BY: JS/MC
KHA JOB NUMBER 099083017
SHEET 34 OF 101

100% SUBMITTAL – OCTOBER 2012



LEGEND:

- SANDBAGS
- SILT FENCE
- EARTH DIKE
- FIBER ROLL/ COMPOST STOCK

KEY NOTES:

1. INSTALL INLET PROTECTION PER DETAIL 4 ON SHEET EC-0.
2. INSTALL SANDBAGS PER DETAIL 1 ON SHEET EC-0.
3. INSTALL SILT FENCE PER DETAIL 3 ON SHEET EC-0.
4. CONSTRUCT EARTH DIKE PER DETAIL 2 ON SHEET EC-1. INSTALL VELOCITY CHECK DAMS AS REQUIRED PER EROSION CONTROL NOTES 7 AND 8 ON SHEET EC-0.
5. INSTALL FIBER ROLL/COMPOST STOCK PER DETAIL 1 ON SHEET EC-1.

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)

1 INCH = 40 FT.

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
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REVIEWED BY:

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ASSOCIATE CIVIL ENGINEER

APPROVED BY:

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DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

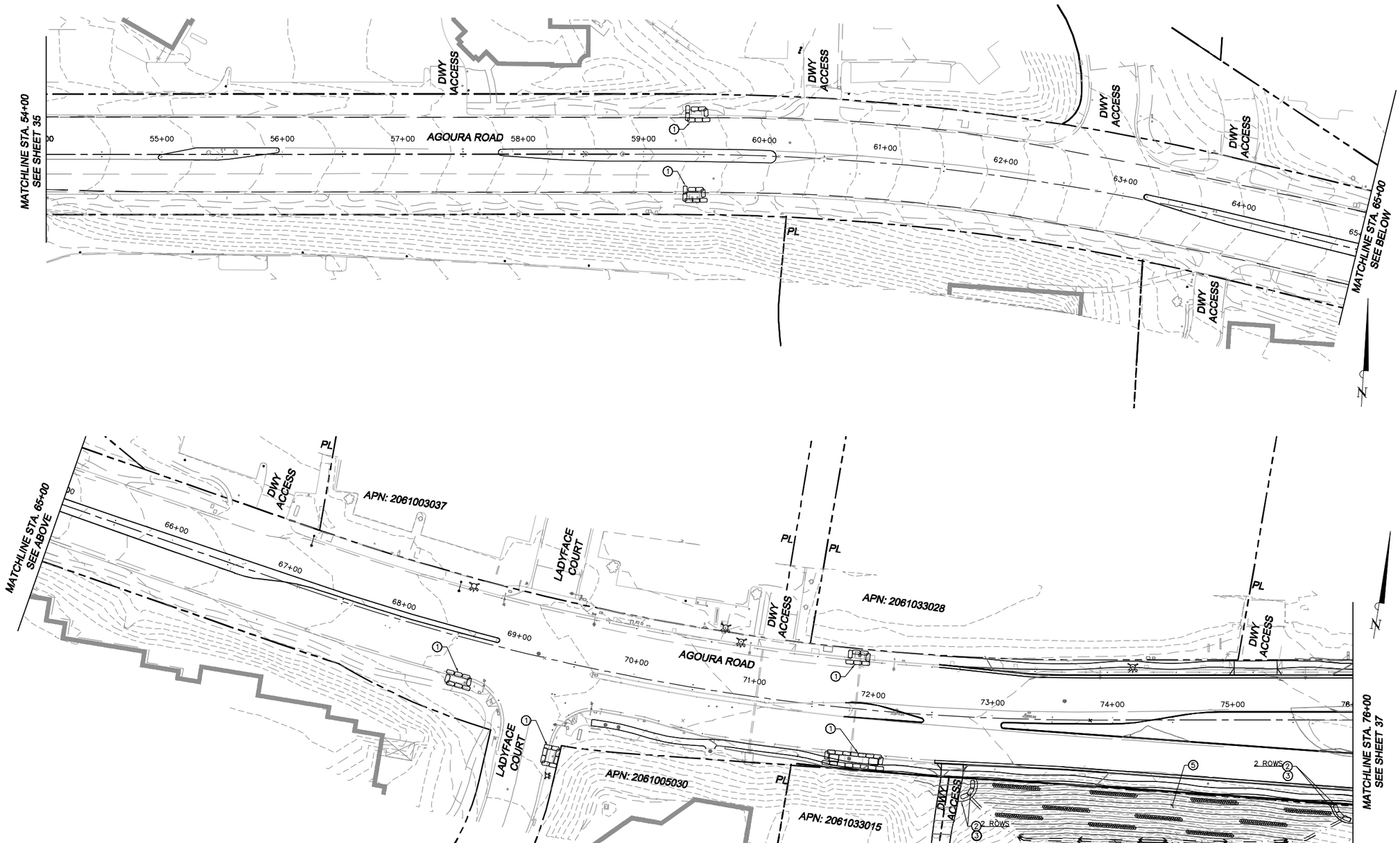
CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
EROSION CONTROL EC-3

DRAWN BY: RC | CHECKED BY: JS/MC | KHA JOB NUMBER 099083017

SHEET 35 OF 101

100% SUBMITTAL – OCTOBER 2012



LEGEND:

- SANDBAGS
- SILT FENCE
- EARTH DIKE
- FIBER ROLL/ COMPOST STOCK

KEY NOTES:

1. INSTALL INLET PROTECTION PER DETAIL 4 ON SHEET EC-0.
2. INSTALL SANDBAGS PER DETAIL 1 ON SHEET EC-0.
3. INSTALL SILT FENCE PER DETAIL 3 ON SHEET EC-0.
4. CONSTRUCT EARTH DIKE PER DETAIL 2 ON SHEET EC-1. INSTALL VELOCITY CHECK DAMS AS REQUIRED PER EROSION CONTROL NOTES 7 AND 8 ON SHEET EC-0.
5. INSTALL FIBER ROLL/COMPOST STOCK PER DETAIL 1 ON SHEET EC-1.

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
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CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
EROSION CONTROL EC-4

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SHEET 36 OF 101

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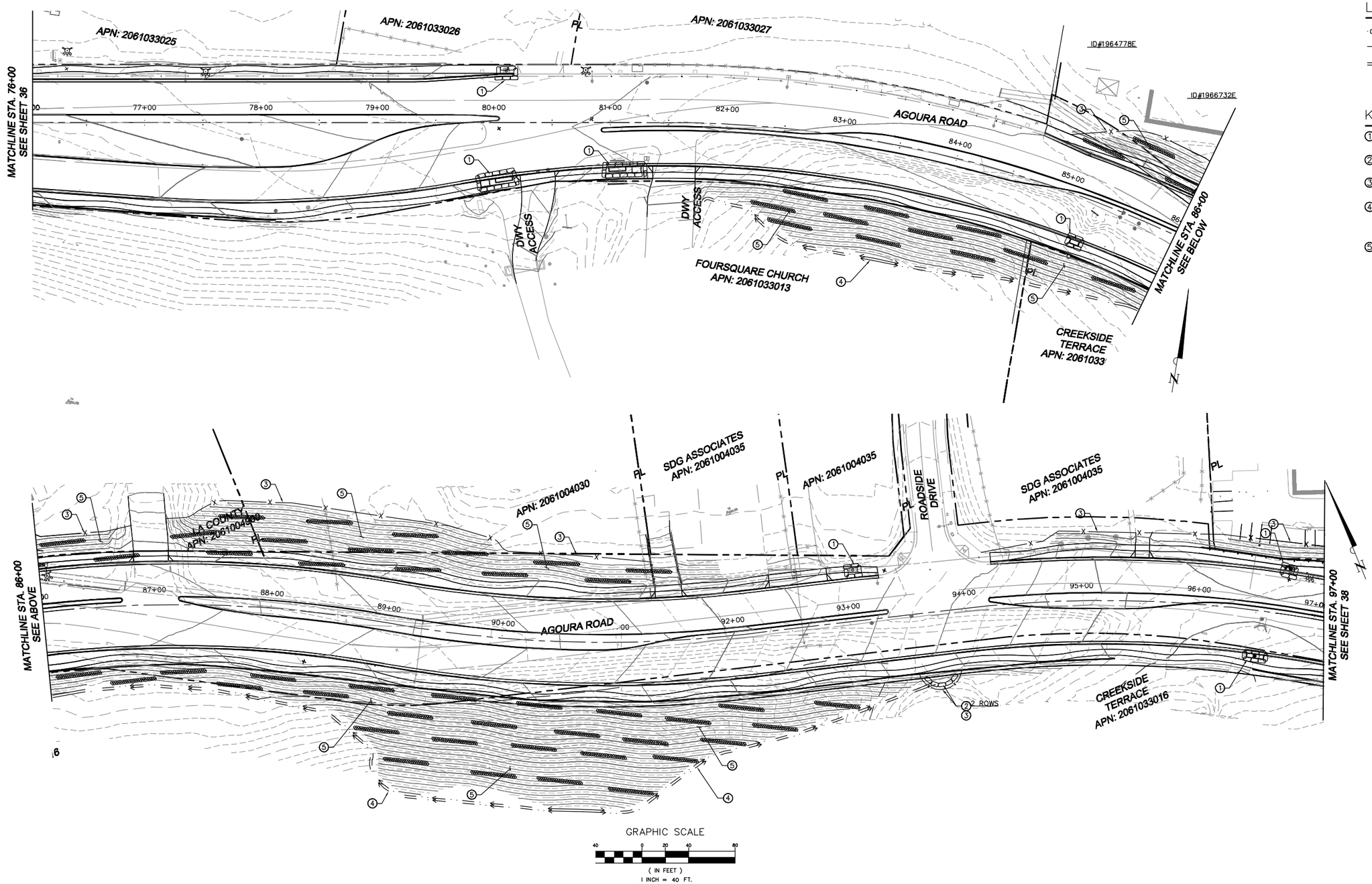

LEGEND:

- SANDBAGS
- SILT FENCE
- EARTH DIKE
- FIBER ROLL/ COMPOST STOCK

KEY NOTES:

1. INSTALL INLET PROTECTION PER DETAIL 4 ON SHEET EC-0.
2. INSTALL SANDBAGS PER DETAIL 1 ON SHEET EC-0.
3. INSTALL SILT FENCE PER DETAIL 3 ON SHEET EC-0.
4. CONSTRUCT EARTH DIKE PER DETAIL 2 ON SHEET EC-1. INSTALL VELOCITY CHECK DAMS AS REQUIRED PER EROSION CONTROL NOTES 7 AND 8 ON SHEET EC-0.
5. INSTALL FIBER ROLL/COMPOST STOCK PER DETAIL 1 ON SHEET EC-1.

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)

1 INCH = 40 FT.

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		50%PS&E		9/9/11
2		75%PS&E		2/28/12
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CITY OF AGOURA HILLS

AGOURA ROAD WIDENING
EROSION CONTROL EC-5

DRAWN BY: RC
CHECKED BY: JS/MC
KHA JOB NUMBER 099083017
SHEET 37 OF 101

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