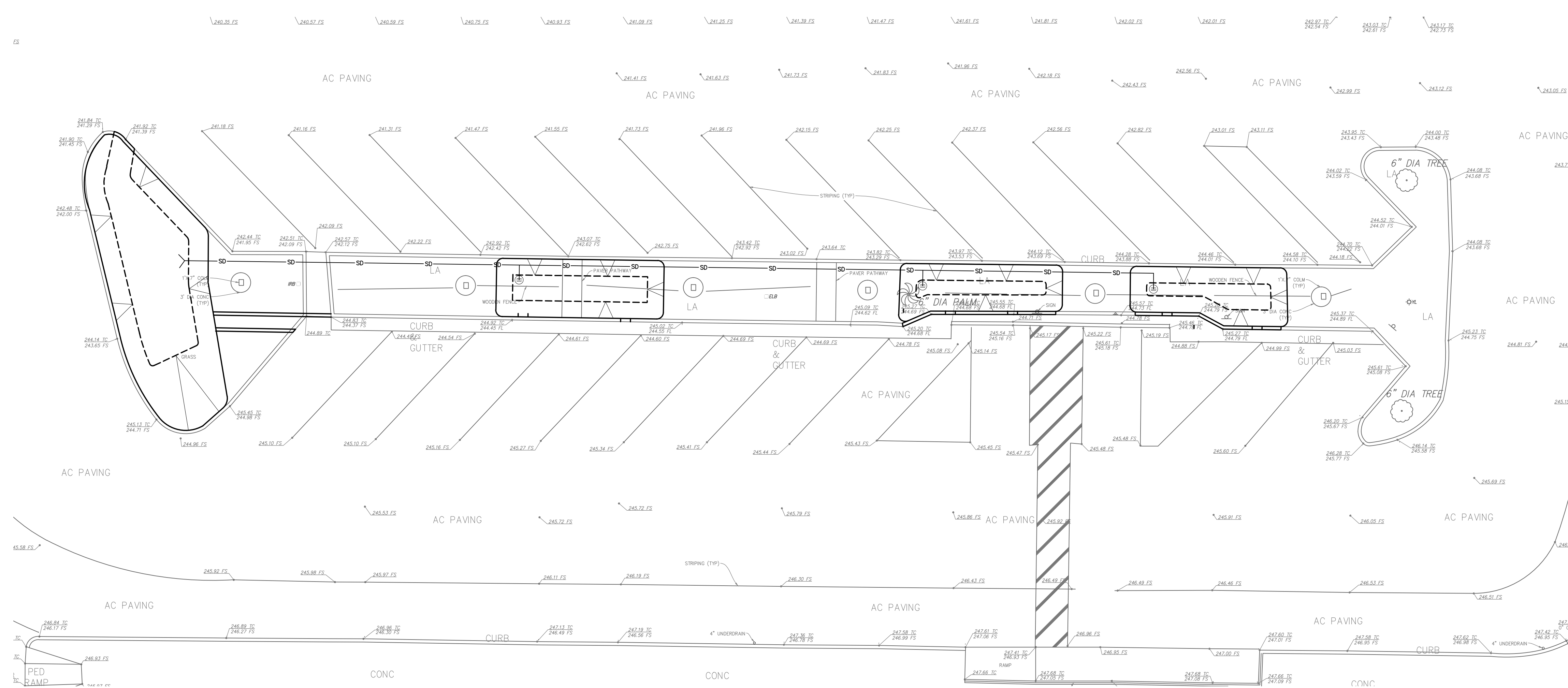
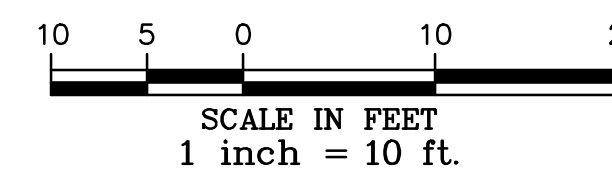


**GRADING AND DRAINAGE PLAN**  
SCALE: 1"=10'



**TEMPORARY EROSION AND SEDIMENT CONTROL PLAN**  
SCALE: 1"=10'

**EROSION AND SEDIMENT CONTROL CONSTRUCTION NOTES:**

- 11 PLACE SILT FENCE (SE-1) ALONG PERIMETER OF THE PROJECT VICINITY, BOTTOM OF SLOPES
- 12 PROVIDE STREET SWEEPING (SE-7) ANYWHERE SEDIMENT IS TRACKED FROM PROJECT SITE ONTO PAVED ROADS
- 13 PROVIDE TEMPORARY GEOTEXTILE FILTER FABRIC INLET PROTECTION (SE-10) BENEATH GRATE FOR TRENCH DRAIN AND SMALL AREA DRAINS
- 14 INFILTRATION AREA - DO NOT COMPACT. FLAG AND FENCE LIMITS. AVOID VEHICLES AND HEAVY EQUIPMENT OVER INFILTRATION AREA AND WITHIN 10'. PROVIDE 4' HIGHLY VISIBLE FENCING AT PERIMETER
- 15 SUGGESTED SAMPLE LOCATION FOR TEMPORARY SEDIMENT TESTING DURING CONSTRUCTION ONLY

**GRADING AND DRAINAGE NOTES:**

- 1 REMOVE EXISTING WOOD FENCE
- 2 REMOVE EXISTING VEGETATION AND MULCH IN NEW BIOFILTRATION AREA
- 3 6" CONCRETE CURB PER SAN DIEGO REGIONAL STANDARD DRAWING G-1 WITH 12" CURB CUTS AT 10' O.C. CONTRACTOR TO SAWCUT AND PATCH EXISTING A.C. PAVEMENT.
- 4 2'X2' ROCK PAD. PAD SHALL CONSIST OF 3" MINIMUM DIAMETER SMOOTH RIVER ROCK SET IN 3" CONCRETE.
- 5 PROVIDE 3" SEPARATION BETWEEN EDGE OF EXISTING CONCRETE FOOTING AND TOP OF BIOFILTRATION AREA SLOPE
- 6 REMOVE EXISTING CONCRETE GUTTER AND PROVIDE NEW LANDSCAPING PER LANDSCAPE PLANS
- 7 18" CONCRETE GUTTER WITH 6" CURB EITHER SIDE
- 8 REMOVE EXISTING WALKWAY
- 9 6" AREA DRAIN PER DETAIL A, SHEET C2.0

**CIVIL LEGEND**

EXISTING CONDITIONS	SYMBOL	DESCRIPTION
EXISTING SEWER	S	EXISTING SEWER
EXISTING WATER	W	EXISTING WATER
EXISTING GAS	G	EXISTING GAS
EXISTING ELECTRICAL	E	EXISTING ELECTRICAL
EXISTING EDGE OF PAVEMENT	100	EXISTING EDGE OF PAVEMENT
EXISTING CONTOUR	x100	EXISTING CONTOUR
EXISTING ELEVATION	x	EXISTING ELEVATION
EXISTING FENCE	—	EXISTING FENCE
RIGHT-OF-WAY LINE	—	RIGHT-OF-WAY LINE
PROPERTY LINE	—	PROPERTY LINE
EXISTING EASEMENT	—	EXISTING EASEMENT

PROPOSED CONSTRUCTION	SYMBOL	DETAIL	DESCRIPTION
1.5% SLOPE DIRECTION	SD		SLOPE DIRECTION
6" AREA DRAIN		DETAIL A, SHEET C2.0	6" AREA DRAIN
2'X2' ROCK PAD			2'X2' ROCK PAD
STORM DRAIN CLEANOUT/SAMPLING PORT		DETAIL B, SHEET C2.0	STORM DRAIN CLEANOUT/SAMPLING PORT
AC SAWCUT			AC SAWCUT
6" HIGH CONCRETE CURB WITH 18" WIDE CURB CUTS AT 10' O.C.			6" HIGH CONCRETE CURB WITH 18" WIDE CURB CUTS AT 10' O.C.
RELOCATED WOOD FENCE			RELOCATED WOOD FENCE
AC PAVEMENT			AC PAVEMENT
5' CONTOUR			5' CONTOUR
1' CONTOUR			1' CONTOUR
SPOT ELEVATION			SPOT ELEVATION
SILT FENCE			SILT FENCE
TEMPORARY INLET PROTECTION			TEMPORARY INLET PROTECTION

**CIVIL WORK TO BE DONE:**

UNLESS OTHERWISE NOTED ON THE PLANS, ALL WORK SHALL CONFORM WITH THE FOLLOWING STANDARD SPECIFICATIONS AND DRAWINGS:

- STANDARD SPECIFICATIONS:
- 1. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SPECIAL PROVISIONS, LATEST EDITION.
  - 2. CALIFORNIA DEPARTMENT OF TRANSPORTATION, "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES", LATEST EDITION.
  - 3. CALIFORNIA STORMWATER QUALITY ASSOCIATION (CASQA), STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK—CONSTRUCTION, LATEST EDITION.
  - 4. CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.

**UTILITY NOTES**

1. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON VISUAL OBSERVATION OF ABOVE GROUND STRUCTURES AND RECORD DRAWINGS PROVIDED BY THE OWNER. LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK.


**GENERAL NOTES**

- 1. PROTECT ALL EXISTING UTILITIES UNLESS OTHERWISE NOTED PER PLAN.
- 2. REPLACE PAVING OVER NEW UTILITY TRENCHES TO MATCH EXISTING WHERE OCCURS
- 3. NOTIFY ENGINEER OF RECORD IMMEDIATELY IF FIELD LOCATION OR DEPTH OF EXISTING UTILITIES DIFFER SIGNIFICANTLY FROM PLAN.

**MINIMUM POST-CONSTRUCTION MAINTENANCE PLAN**

AT THE COMPLETION OF THE WORK SHOWN, THE FOLLOWING PLAN SHALL BE FOLLOWED TO ENSURE WATER QUALITY CONTROL IS MAINTAINED FOR THE LIFE OF THE PROJECT:

- 1. STABILIZATION: ALL PLANTED SLOPES AND OTHER VEGETATED AREAS SHALL BE INSPECTED PRIOR TO OCTOBER 1 OF EACH YEAR AND AFTER MAJOR RAINFALL EVENTS (MORE THAN 1/2 INCH) AND REPAIRED AND REPLANTED AS NEEDED UNTIL A NOTICE OF TERMINATION (NOT) IS FILED.
- 2. STRUCTURAL PRACTICES: DESILTING BASINS, DIVERSION DITCHES, DOWNDRAINS, INLETS, OUTLET PROTECTION MEASURES, AND OTHER PERMANENT WATER QUALITY AND SEDIMENT EROSION CONTROLS SHALL BE INSPECTED PRIOR TO OCTOBER 1ST OF EACH YEAR AND AFTER MAJOR RAINFALL EVENTS (MORE THAN 1/2 INCH). REPAIRS AND REPLACEMENTS SHALL BE MADE AS NEEDED AND RECORDED IN THE MAINTENANCE LOG IN PERPETUITY.
- 3. OPERATION AND MAINTENANCE, FUNDING: POST-CONSTRUCTION MANAGEMENT MEASURES ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE TRANSFER OF RESPECTIVE SITE TO THE SCHOOL DISTRICT. AT THAT TIME, THE DISTRICT SHALL ASSUME RESPONSIBILITY FOR THEIR RESPECTIVE PORTIONS OF THE DEVELOPMENT.

Job: Drawn: CAR Checked: DVC Date: OCTOBER 31, 2016	Reminders:		<p style="text-align: center; font-weight: bold; font-size: 24pt;">IWC-AE</p> <p style="text-align: center; font-size: 8pt;">WEBB-CLEFF ARCHITECTURE &amp; PLANNING, INC          5311 Center Ave., Ste. 111, Encinitas, California 92024          Telephone: (760)752-4800 Fax: (760)452-754</p>
<p style="font-weight: bold; font-size: 18pt;">STORM DRAINAGE BEST MANAGEMENT PRACTICES PLAN</p>			
<p>LA COSTA HEIGHTS ELEMENTARY          3035 LEVANTE STREET, CARLSBAD, CA 92009          ENCINITAS UNIFIED SCHOOL DISTRICT</p>			
<p>ARCHITECT</p>			
<p>C1.0</p>			