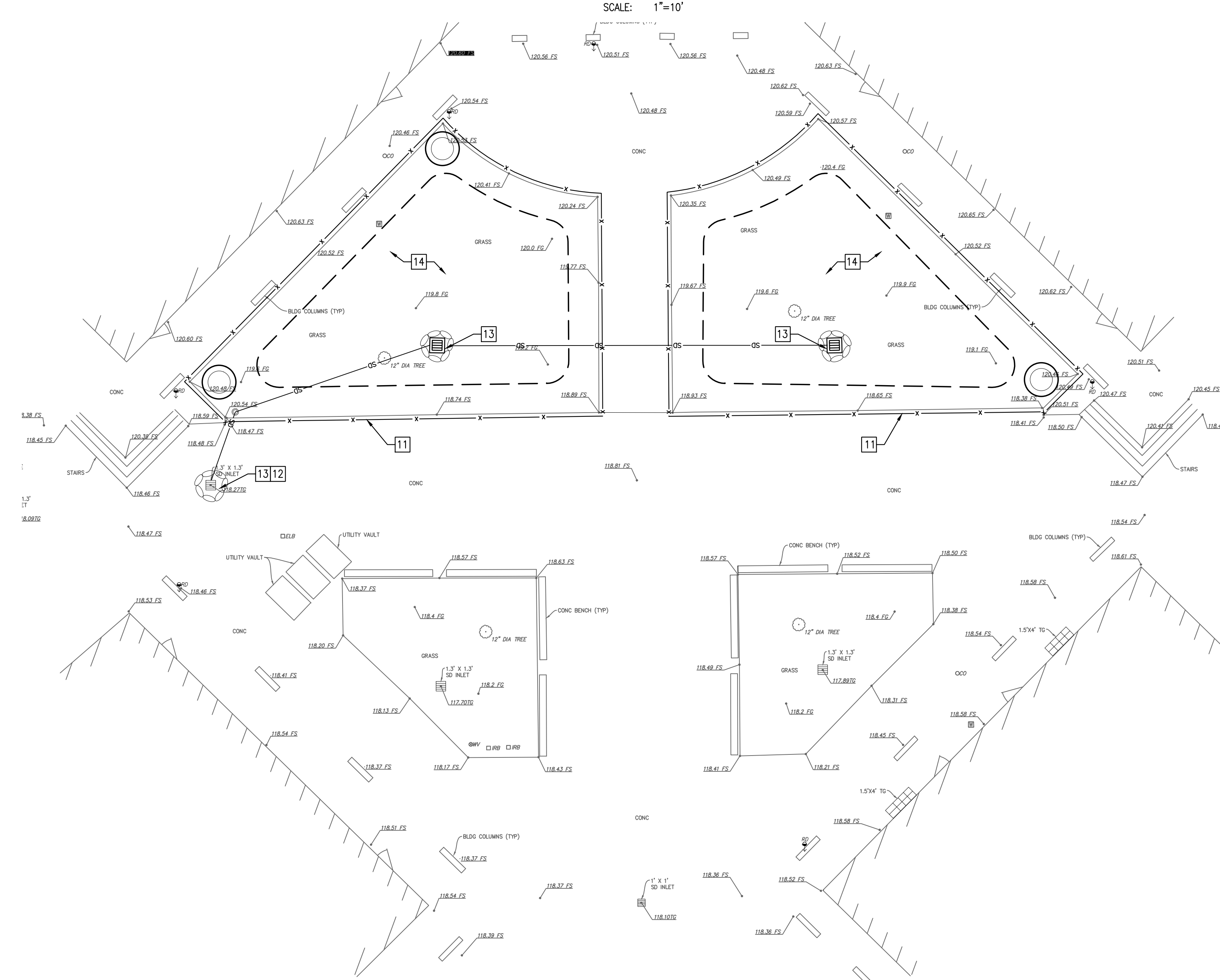
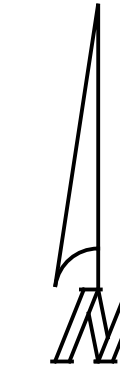
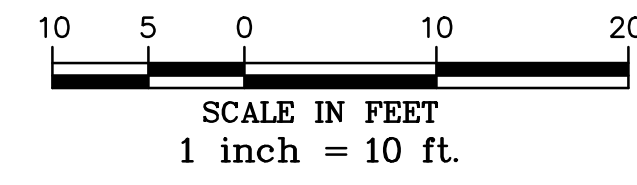


**GRADING AND DRAINAGE PLAN**  
SCALE: 1"=10'



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



**GRADING AND DRAINAGE NOTES:**

- ① 24"x24" CATCH BASIN WITH KRI-STAR CATCH BASIN INSERT PER DETAIL A, SHEET C2.0
- ② STORM DRAIN CLEANOUT AND WATER QUALITY SAMPLING PORT TO GRADE PER DETAIL B, SHEET C2.0
- ③ 500 GALLON RAIN BARREL PER DETAIL D, SHEET C2.0. PROVIDE LEVEL PAD WITH CONCRETE PAVER BASE.
- ④ CONNECT TO EXISTING STORM DRAIN

**EROSION AND SEDIMENT CONTROL CONSTRUCTION NOTES:**

- ⑪ PLACE 6' HIGH CHAIN LINK FENCE ALONG PERIMETER OF BIOFILTRATION AREA
- ⑫ SUGGESTED SAMPLE LOCATION FOR TEMPORARY SEDIMENT TESTING DURING CONSTRUCTION ONLY
- 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. AVOID VEHICLES AND HEAVY EQUIPMENT OVER INFILTRATION AREA AND WITHIN 10'.

**CIVIL LEGEND**

EXISTING CONDITIONS		DESCRIPTION
— S —		EXISTING SEWER
— W —		EXISTING WATER
— G —		EXISTING GAS
— E —		EXISTING ELECTRICAL
— 100 —		EXISTING EDGE OF PAVEMENT
x 100		EXISTING CONTOUR
— X — X —		EXISTING ELEVATION
— ROW —		RIGHT-OF-WAY LINE
— PL —		PROPERTY LINE
— E —		EXISTING EASEMENT
PROPOSED CONSTRUCTION		DESCRIPTION
1.5%		SLOPE DIRECTION
SD		HDPE STORM DRAIN (ADS N-12 OR APPROVED EQUAL)
■	DETAIL A, SHEET C2.0	24"x24" PRECAST CATCH BASIN WITH KRI-STAR FILTER INSERT
⊙	DETAIL B, SHEET C2.0	STORM DRAIN CLEANOUT/SAMPLING PORT
— 100 —	MATCH EXISTING	4" CONCRETE PAVEMENT REPAIR
— 101 —		5' CONTOUR
— 100.00 —		1' CONTOUR
— 100.00 —		SPOT ELEVATION
— SF — X —	SEE NOTES	SILT FENCE
⊙	SEE NOTES	TEMPORARY INLET PROTECTION
⊙	DETAIL D, SHEET C2.0	500 GALLON RAIN BARREL

**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:	Check:	Date:
	CAR	DVC	OCTOBER 31, 2016
Revisors:			

**IWC-AE**  
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EL CAMINO CREEK ELEMENTARY  
7885 PASEO ALISO, CARLSBAD, CA 92009  
ENCINITAS UNIFIED SCHOOL DISTRICT

**STORM DRAINAGE BEST MANAGEMENT PRACTICES PLAN**

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
A# \_\_\_\_\_  
AC \_\_\_\_\_ FLS \_\_\_\_\_ SS \_\_\_\_\_  
DATE \_\_\_\_\_  
DIVISION OF THE STATE ARCHITECT  
Job: \_\_\_\_\_

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