



- ### CONSTRUCTION NOTES
26. CONSTRUCT LEAN PCC SEEPAGE DAM IN MAIN LINE STORM DRAIN TRENCH PER DETAIL 26 ON SHEET 20. COMPLETE WITH 8" PVC (SCH 40) RELIEF SYSTEM TO ADJACENT DOWNSTREAM MANHOLE.
  31. IMPORT FILL MATERIAL AS REQUIRED TO GRADE SLOPE PER GRADING PLAN CONTOURS AND PER CANYON FILL DETAIL AT DOWNSTREAM OF INLET ON SHEET 20.
  32. PLACE HYDROSEEDING AND JUTE MESH ON ALL DISTURBED SLOPE SURFACES.
  33. PLACE UNGROUTED RIPRAP CHANNEL PER CANYON FILL DETAIL AT DOWNSTREAM OF INLET ON SHEET 20.
  34. CONSTRUCT CANYON SUB-DRAIN WITH 12" DIAMETER PERFORATED PVC PIPE (SCH 40) IN FABRIC WRAPPED ROCK GALLEY PER XXX STD XXX AND PER CANYON FILL DETAIL AT DOWNSTREAM OF INLET ON SHEET 20.
  - 34A. SUBDRAIN 'FINGER' LATERAL PER DETAIL 34A ON SHEET 20 AT 'WEEP' LOCATIONS IDENTIFIED IN FIELD AND AT \_\_\_\_\_ MINIMUM SPACING ON CENTER. CONNECT TO CANYON FILL SUBDRAIN WITH WYE ELBOW.
  35. CONSTRUCT CANYON FILL PER DETAIL 35 ON SHEET 20.

60% DESIGN PLANS  
NOT FOR CONSTRUCTION  
NOVEMBER 1, 2011

DESIGNED	RGB/EGS/PL
DRAWN	EGS/PL
CHECKED	RGB
DATE	OCT 11

NO.	DATE	DESCRIPTION	APPROVED
REVISIONS			

CITY OF RANCHO PALOS VERDES

PLAN PREPARED BY:  
**Harris & Associates**  
 34 Executive Park, Suite 150  
 Irvine, CA 92614 (949) 655-3900  
 CIVIL  
 RANDALL G. BERRY RCE #44642 DATE

CITY OF RANCHO PALOS VERDES  
 RON DRAGOO SENIOR ENGINEER DATE  
 RCE: 54924

DESIGNED	RGB/EGS/PL
DRAWN	EGS/PL
CHECKED	RGB
DATE	OCT 11

NO.	DATE	DESCRIPTION	APPROVED
REVISIONS			

CITY OF RANCHO PALOS VERDES

REGISTERED PROFESSIONAL ENGINEER  
 RANDALL G. BERRY  
 NO. C44642  
 RENEW 3-31-12  
 CIVIL  
 STATE OF CALIFORNIA

SAN RAMON STORM DRAIN  
DETAILS  
 SHEET 20 OF 31  
 SHT. 20  
 PRJ NO. XXXXX