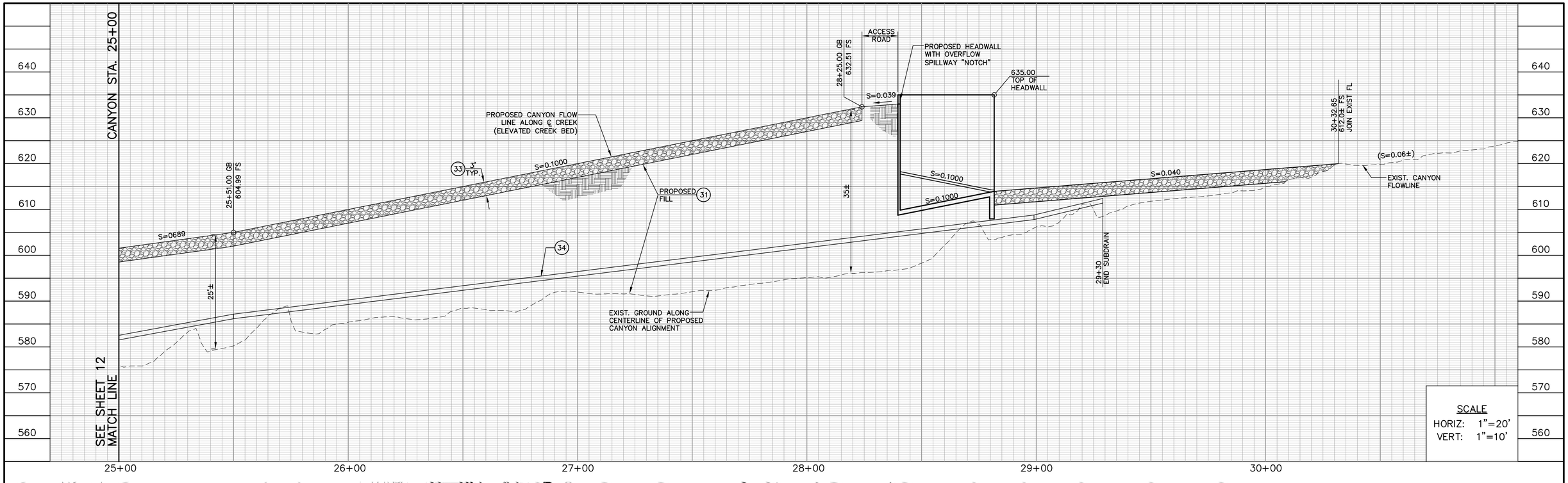

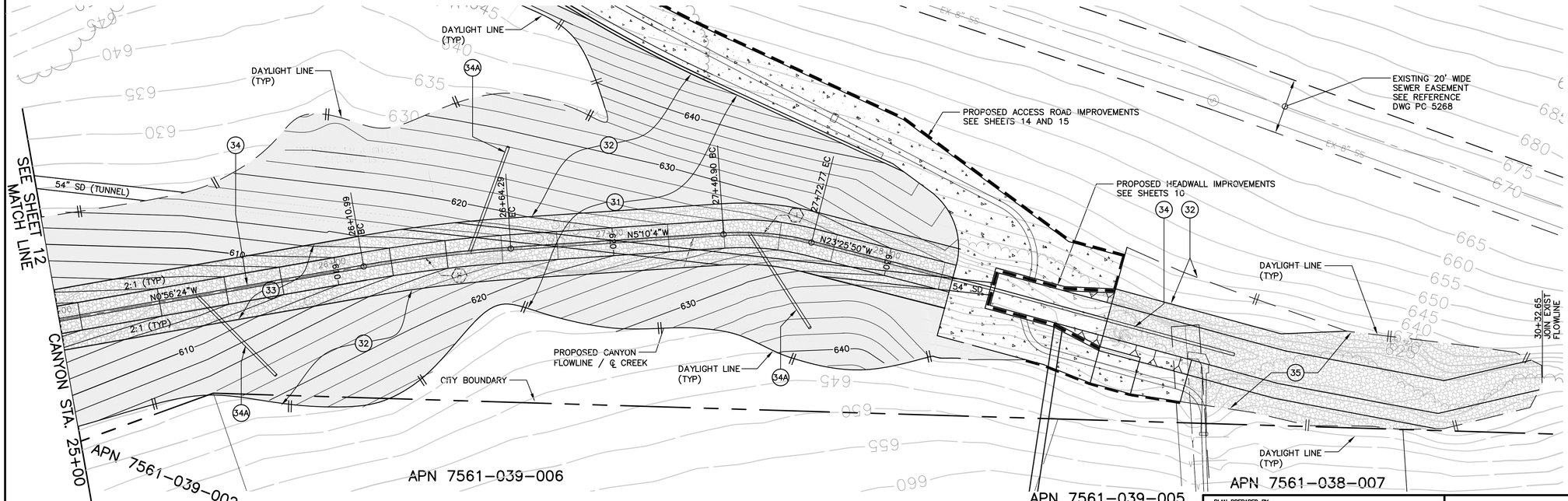

CONSTRUCTION NOTES

(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.

CURVE TABLE				
NO	RADIUS	DELTA	LENGTH	TANGENT
H	500.00'	6°6'28"	53.30'	26.68'
J	100.00'	18°15'45"	26.85'	16.07'

60% DESIGN PLANS
NOT FOR CONSTRUCTION
NOVEMBER 1, 2011

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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

PLAN PREPARED BY:
Harris & Associates
34 Executive Park, Suite 150
Irvine, CA 92614 (949) 655-3900

RANDALL G. BERRY RCE #44642 DATE

CITY OF RANCHO PALOS VERDES

RON DRAGOO SENIOR ENGINEER DATE
RCE: 54924

NO.	DATE	DESCRIPTION	APPROVED

REVISIONS

DESIGNED RGB/EGR/PL
DRAWN EGR/BL
CHECKED RGB
DATE OCT 11

CITY OF RANCHO PALOS VERDES

SAN RAMON STORM DRAIN
PLAN AND PROFILE
GRAVITY BUTTRESS - STA 25+00 TO UPDSTREAM TERMINUS

SHEET 13 OF 31
SHT. 13
PRJ NO. XXXXX