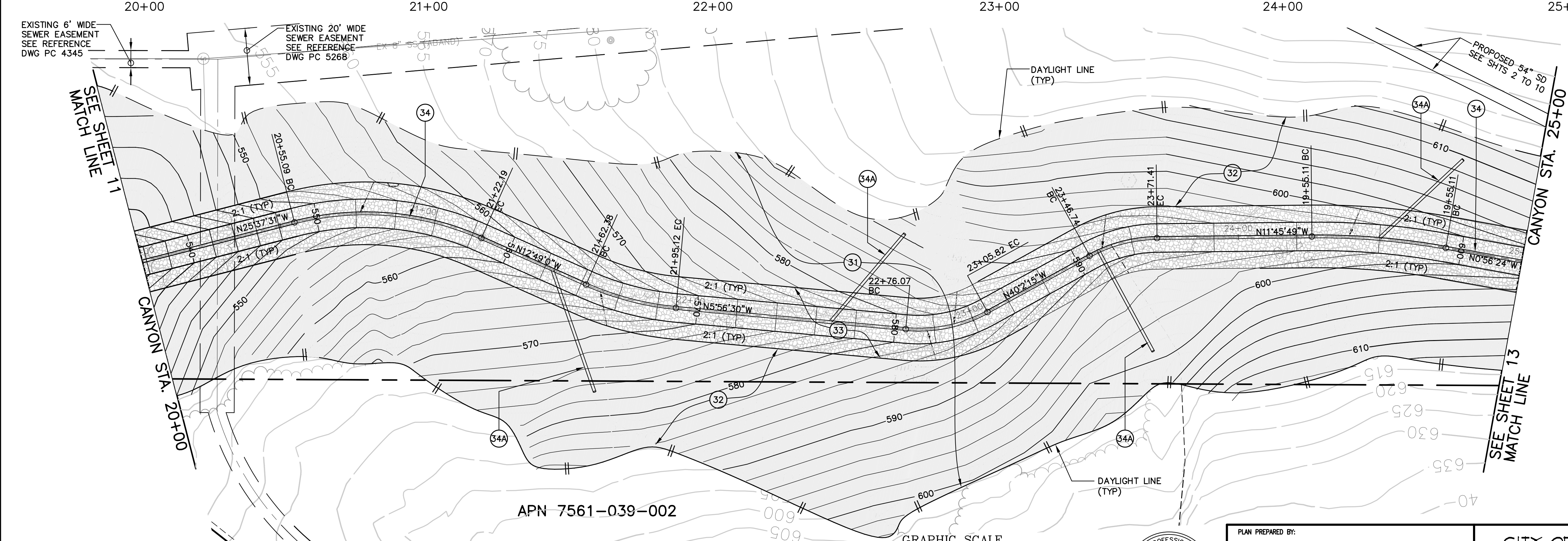
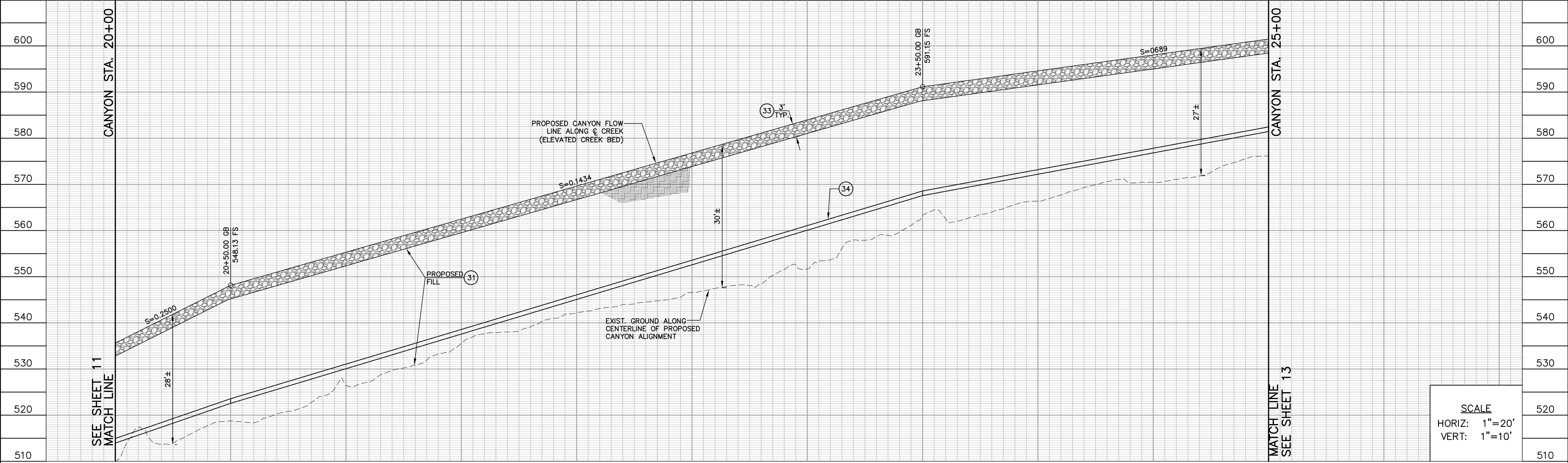




- CONSTRUCTION NOTES**
- (31) IMPORT FILL MATERIAL AS REQUIRED TO GRADE SLOPE PER GRADING PLAN CONTOURS AND PER CANYON FILL DETAIL AT DOWNSTREAM OF INLET ON SHEET 20.
 - (32) PLACE HYDROSEEDING AND JUTE MESH ON ALL DISTURBED SLOPE SURFACES.
 - (33) PLACE UNROUTED RIPRAP CHANNEL PER CANYON FILL DETAIL 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.

CURVE TABLE				
NO	RADIUS	DELTA	LENGTH	TANGENT
(C)	100.00'	38°26'31"	67.09'	34.86'
(D)	100.00'	18°45'30"	32.74'	16.52'
(E)	50.00'	34°5'45"	43.13'	15.33'
(F)	50.00'	28°16'27"	24.67'	12.59'
(G)	250.00'	10°49'25"	35.05'	23.68'

60% DESIGN PLANS
NOT FOR CONSTRUCTION
NOVEMBER 1, 2011

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

APN 7561-039-002

GRAPHIC SCALE
1 inch = 20 ft.

CITY OF RANCHO PALOS VERDES

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

SAN RAMON STORM DRAIN
PLAN AND PROFILE
GRAVITY BUTTRESS - STA 20+00 TO STA 25+00

SHEET 12 OF 31
SHT. 12
PRJ NO. XXXXX