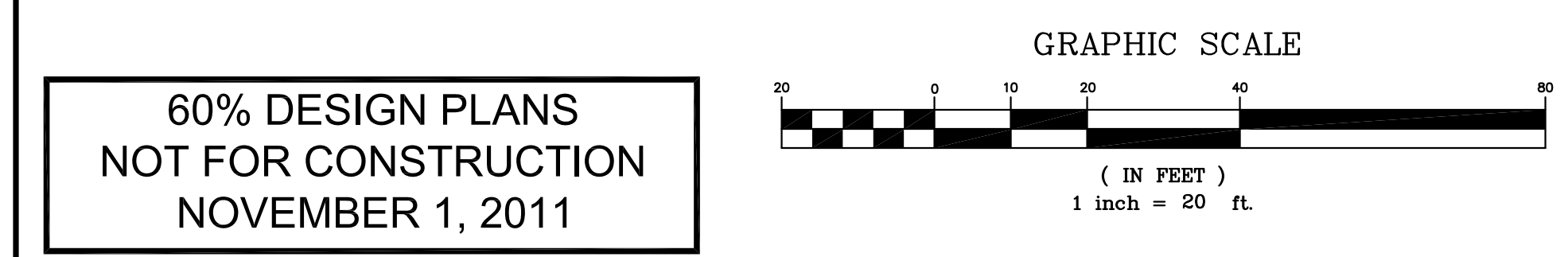
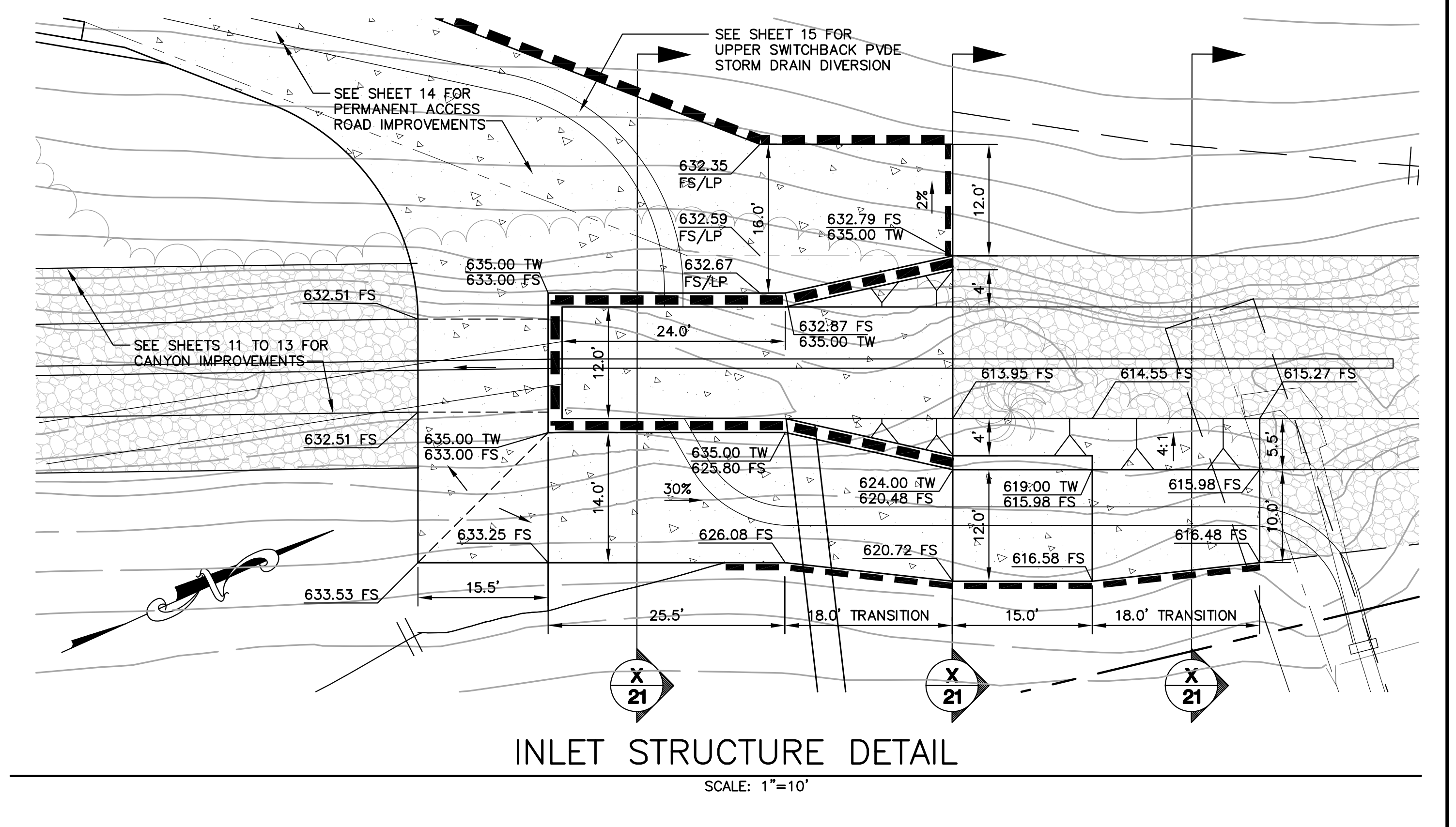
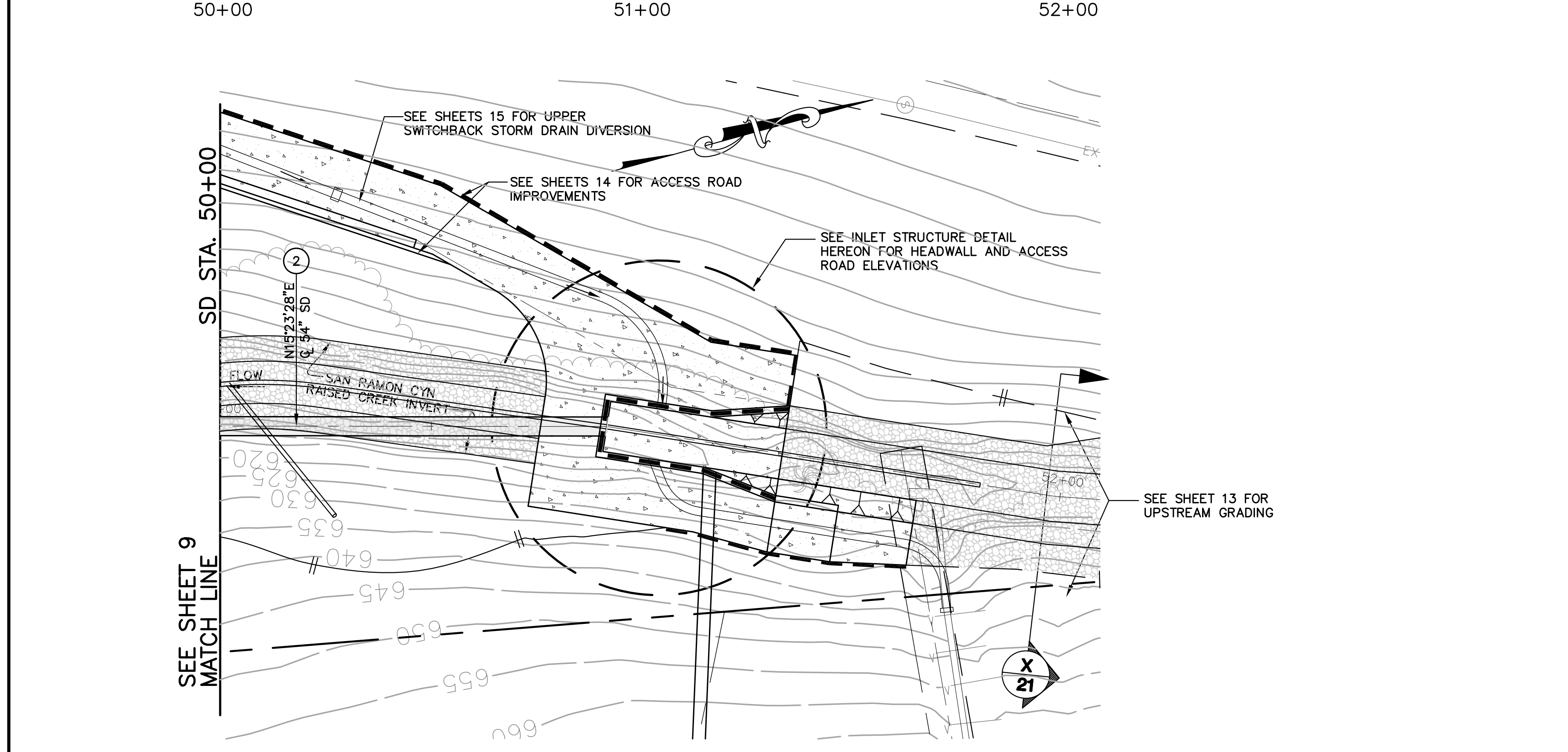


- ### CONSTRUCTION NOTES
- ② CONSTRUCT 54" I.D. CCFRPM PIPE ("HOBAS" PIPE OR APPROVED EQUAL), 1.05-INCH THICK WALL, WITH FWC COUPLING PER OPEN TRENCH SECTION ON SHEET 20.
  - ⑧ CONSTRUCT VELOCITY REDUCER CONTROL RING WITH SHOP INSTALLED 6-INCH THICK REINFORCED FIBERGLASS INSIDE 54" I.D. CCFRPM PIPE PER DETAIL 8 ON SHEET 19. PLACE RING MID-WAY IN 20-FOOT LONG PIPE LENGTHS. STATION LOCATION CALL-OUTS ON PROFILE ARE APPROXIMATE AND CAN SHIFT AS LONG AS NUMBER OF RINGS AND SPACING IS MAINTAINED.
  - ⑧A CONSTRUCT CONCRETE TRENCH SUPPORT BACKFILL PER DETAIL 8A ON SHEET 19. APPLIES TO VELOCITY REDUCER RINGS IN OPEN TRENCH REACH.
  - ⑬ CONSTRUCT REINFORCED CONCRETE INLET STRUCTURE, HEADWALL, AND WARPED WINGWALLS PER MODIFIED CALTRANS STD PLAN D86B. MODIFIED PER DETAIL 13 ON SHEET XX. H=XX'+/-, DIA=54" I.D., SLOPE =2:1. (XX" INVERT SLAB, 6' DEEP 3' WIDE CUTOFF WALL). CONSTRUCT DRAINAGE WEEPHOLES AT 8' MAX SPACING ALONG WINGWALLS PER CALTRANS STD B0-3, DETAIL 3-1.



60% DESIGN PLANS  
NOT FOR CONSTRUCTION  
NOVEMBER 1, 2011



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/PL  
CHECKED RGB  
DATE OCT 11

CITY OF RANCHO PALOS VERDES



SAN RAMON STORM DRAIN  
PLAN AND PROFILE  
STA 50+00 TO STA 51+XX

SHEET 10 OF 31  
SHT. 10  
PRJ NO. XXXXX