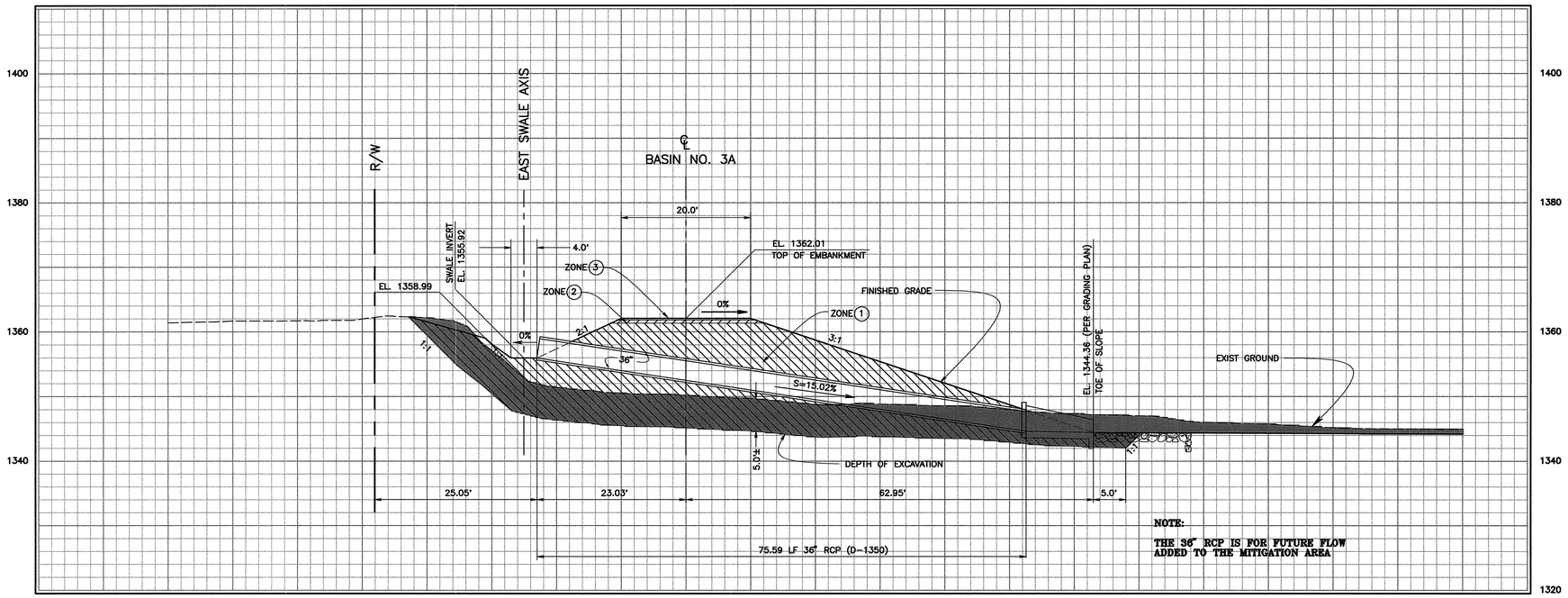
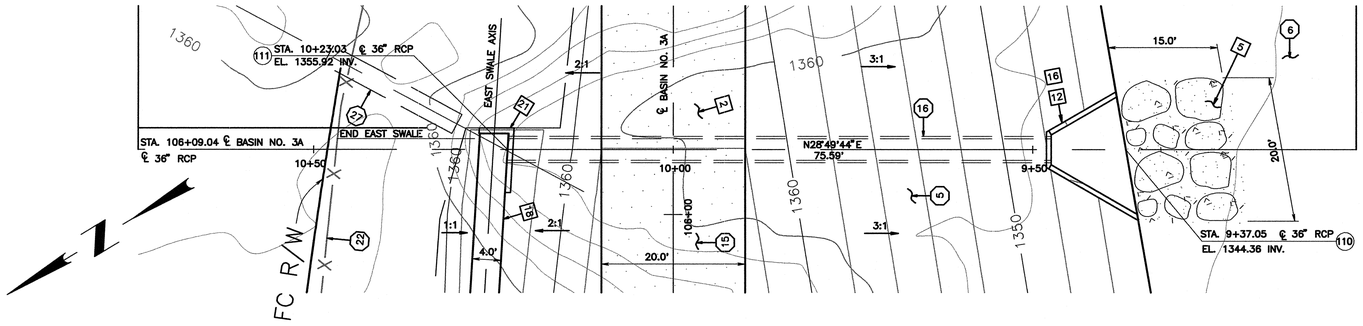


PROFILE – 36" RCP



PLAN – 36" RCP

PROJECT COORDINATES				
	NORTH	EAST	ELEVATION	DESCRIPTION
(110)	1,867,413.41	6,747,767.65	1344.36 INV	STA. 9+37.05 ℄ 36" RCP
(111)	1,867,488.74	6,747,809.11	1355.92 INV	STA.10+23.03 ℄ 36" RCP

SCALE 1"=10'
0 10 20 30

CONSTRUCTION CALLOUTS:

- 2 3" AC PVMT ROAD SECTION PER (STD)
- 5 CONCRETED SPLASH PAD PER (STD)
- 12 HEADWALL WING-TYPE PER SBC STD. DRWG. 209 (STD)
- 16 SLOPED PROTECTION BARRIER PER APWA SP 360-0 (STD)
- 18 4' WIDE EAST EARTHEN SWALE PER (SD)
- 21 36" RCP 'L' HEADWALL PER CALTRANS SP D89 (STD)

CONSTRUCTION NOTES:

(5) CONSTRUCT EAST AND WEST EMBANKMENTS FOR BASIN NO. 3A AND HABITAT RESTORATION AREA, SOUTH OF BASIN NO. 3 PER PLAN ON SHEET C-2, PROFILE ON SHEETS P-4 & P-5, SECTIONS ON SHEETS X-21 TO X-23 & X-26 TO X-30 AND SURVEY CONTROL DATA ON SHEET G-2.

(6) CONSTRUCT HABITAT RESTORATION AREA SOUTH EAST OF CACTUS BASIN NO. 3 PER PLAN ON SHEET C-2, PROFILE ON SHEETS P-4 & P-5, SECTIONS ON SHEET X-25 TO X-32, AND SURVEY CONTROL DATA ON SHEET G-2.

(15) CONSTRUCT WEST AND EAST ACCESS ROAD PER PLAN, TYPICAL SECTIONS ON SHEETS C-2 TO C-4, AND SURVEY CONTROL DATA ON SHEETS G-2 TO G-4.

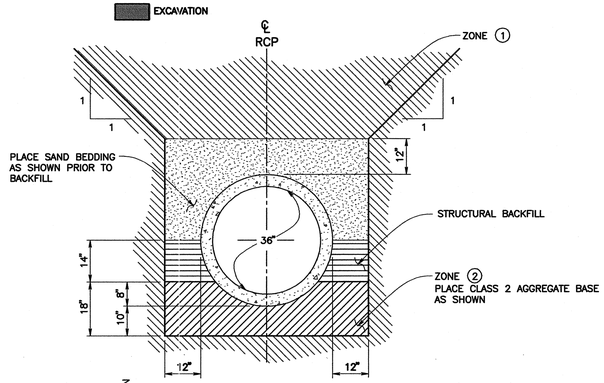
(16) CONSTRUCT APPROX. 76 LINEAR FEET OF 36" RCP PER PLAN AND DETAILS ON SHEET SD-1 (D-LOAD PER PROFILE)

(22) PROTECT IN PLACE EXISTING BOUNDARY CHAIN LINK FENCE

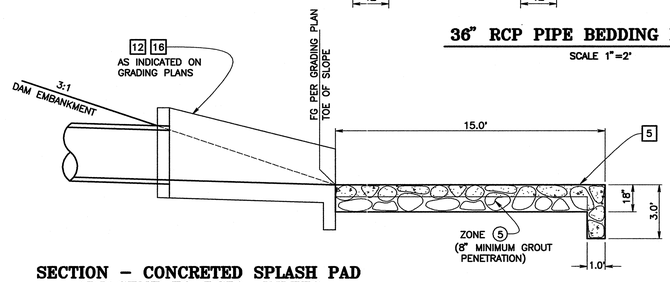
(27) REMOVE AND DISPOSE EXISTING 36" CMP

MATERIAL ZONES:

ZONE (1) MIXED, BORROW FROM BASIN EXCAVATION, 93% RELATIVE COMPACTION
ZONE (2) CLASS 2 AGGREGATE BASE, 6" DEEP
ZONE (3) 3" AC PAVEMENT (ON 6" OF ZONE 2, 95% RELATIVE COMPACTION)
ZONE (5) CONCRETED ROCK SPLASH PAD, FACING CLASS, METHOD 'A' PLACEMENT



36" RCP PIPE BEDDING DETAIL
SCALE 1"=2'



SECTION – CONCRETED SPLASH PAD ADJACENT TO RCP's INLETS
SCALE 1"=4'

REGISTERED PROFESSIONAL ENGINEER JAMES PATRICK CONCIUK No. 41807 Exp 3/31/08 CIVIL STATE OF CALIFORNIA

SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT 1939 CALIFORNIA

REVISIONS			
MARK	DATE	DESCRIPTION	BY:

SUBMITTED BY:
CHIEF, ENGINEERING DIVISION DATE
RECOMMENDED BY:
ASSIST. FLOOD CONTROL ENGINEER DATE
APPROVED BY:
FLOOD CONTROL ENGINEER DATE

PROJ. ENGR.	DES. BY:	REV'D BY:	DRAWN BY:
T.R.	S.F.B./D.J.N.	J.B.	S.F.B./D.J.N.

SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
FONTANA-RIALTO DRAINAGE SYSTEM
CACTUS BASIN NO. 3
36" RCP INLET TO HABITAT RESTORATION AREA

DATE DEC. , 2007
SCALE AS SHOWN
FILE NO. 2-104-
SHEET NO. SD-1