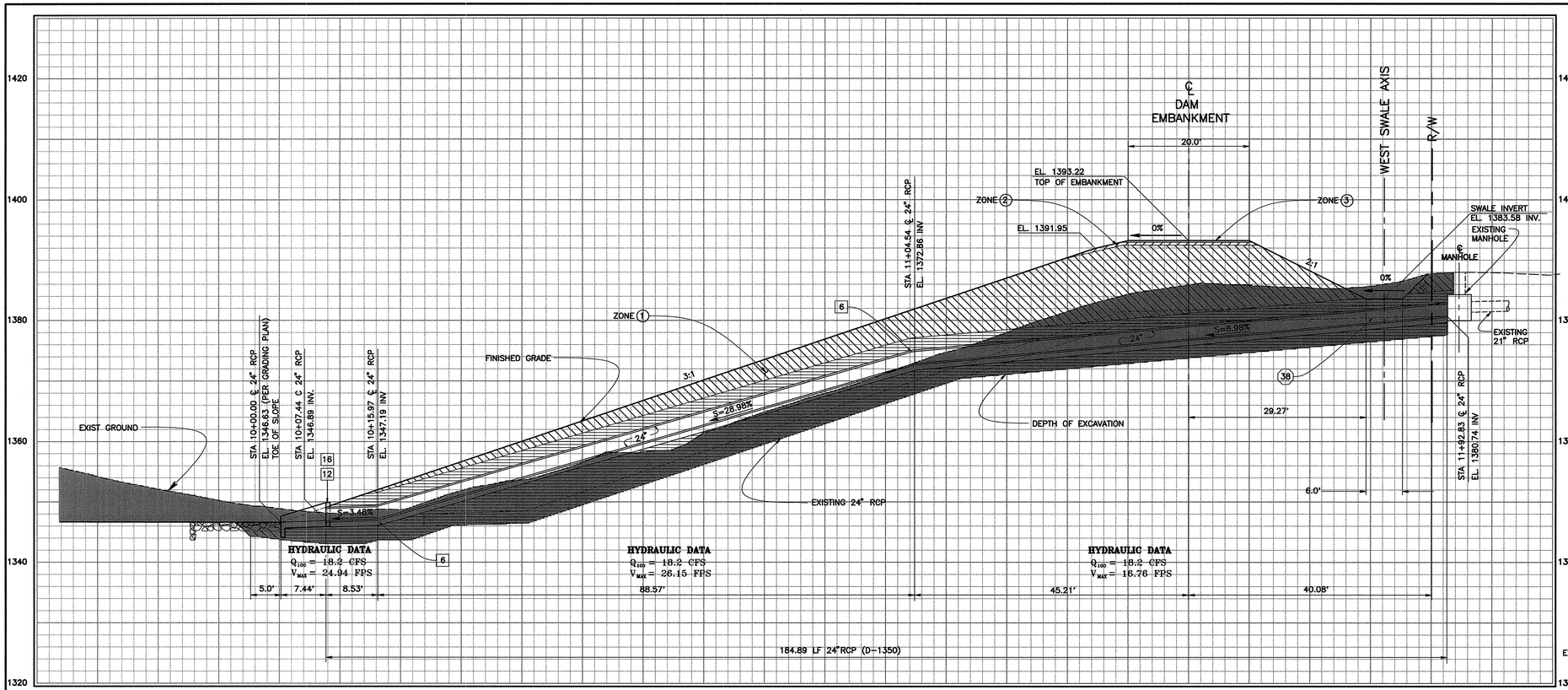
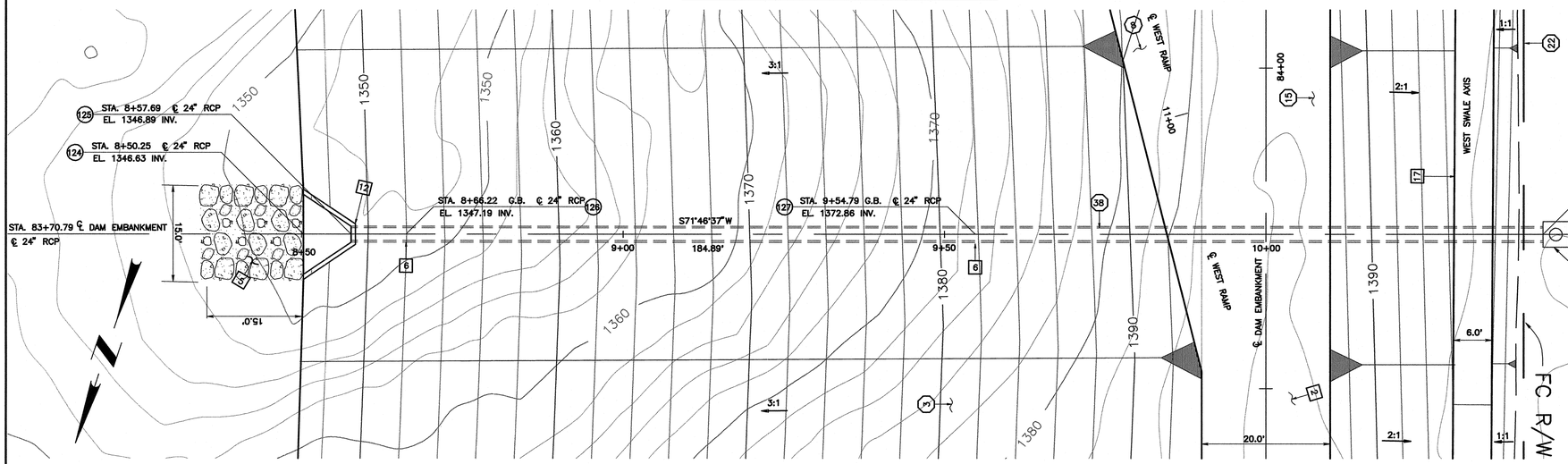
PROFILE – 24" RCP



PLAN – 24" RCP



PROJECT COORDINATES				
	NORTH	EAST	ELEVATION	DESCRIPTION
124	1,868,796.37	6,746,536.96	1346.63 INV	STA. 8+50.25 ℄ 24" RCP
125	1,868,794.04	6,746,529.89	1347.19 INV	STA. 8+57.69 BEGIN 24" RCP
126	1,868,791.37	6,746,521.78	1347.19 INV	STA. 8+66.22 G.B. ℄ 24" RCP
127	1,868,763.67	6,746,437.66	1372.86 INV	STA. 9+54.79 G.B. ℄ 24" RCP
128	1,868,736.06	6,746,353.80	1380.74 INV	STA.10+43.08 END 24" RCP

SCALE 1"=10'
0 10 20 30

CONSTRUCTION CALLOUTS:

- 2 3" AC PVMT ROAD SECTION PER (STD)
- 5 CONCRETED SPLASH PAD PER (STD)
- 6 CONCRETE COLLAR PER APWA SP 380-3 (STD)
- 12 HEADWALL WING-TYPE PER S.B.C. STD. 209 (STD)
- 16 SLOPED PROTECTION BARRIER PER APWA SP 360-0 (STD)
- 17 6' WIDE WEST EARTHEN SWALE PER (STD)

CONSTRUCTION NOTES:

(3) CONSTRUCT EAST AND WEST EMBANKMENTS FOR NORTH HALF OF BASIN NO. 3 PER PLAN ON SHEET C-4 , PROFILE ON SHEETS P-1 & P-3, SECTIONS ON SHEETS X-1 TO X-5 & X-16 TO X-20, AND SURVEY CONTROL DATA ON SHEET G-4

(8) CONSTRUCT WEST MAINTENANCE ACCESS RAMP FOR BASIN NO. 3 PER PLAN ON SHEETS C3 & C-4, PROFILE ON SHEET P-1, TYPICAL SECTION ON SHEET C-4, AND SURVEY CONTROL DATA ON SHEETS G-3 & G-4.

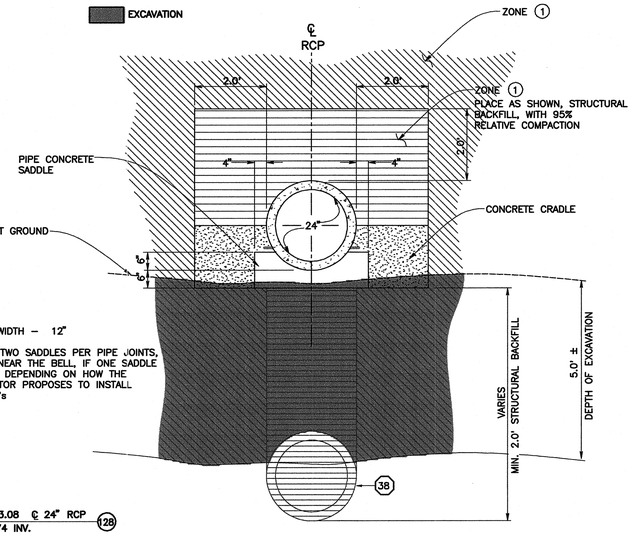
(15) CONSTRUCT WEST AND EAST ACCESS ROAD PER PLAN, TYPICAL SECTIONS ON SHEETS C-2 TO C-4, AND SURVEY CONTROL DATA ON SHEETS G-2 TO G-4.

(22) PROTECT IN PLACE EXISTING BOUNDARY CHAIN LINK FENCE

(38) BREAK AND REPLACE EXISTING 24" RCP PER PLAN, PROFILE ON SHEET SD-2, SECTION ON SHEET SD-2 AND SURVEY CONTROL DATA ON SHEET G-4.

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 'B' PLACEMENT



NOTES:

1 SADDLE WIDTH – 12"

2 ONE OR TWO SADDLES PER PIPE JOINTS, PLACED NEAR THE BELL, IF ONE SADDLE IS USED, DEPENDING ON HOW THE CONTRACTOR PROPOSES TO INSTALL THE RCP's

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

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

REGISTERED PROFESSIONAL ENGINEER
JAMES PATRICK BORCHUK
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

24" RCP INLET TO BASIN NO. 3

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