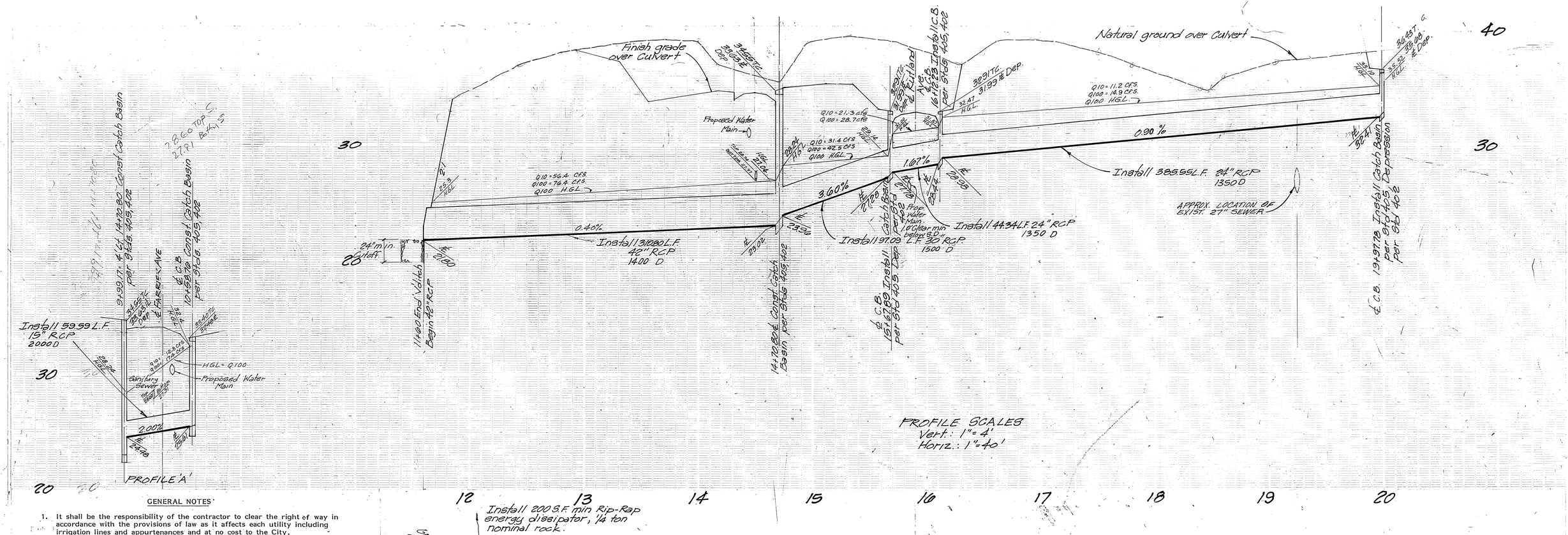
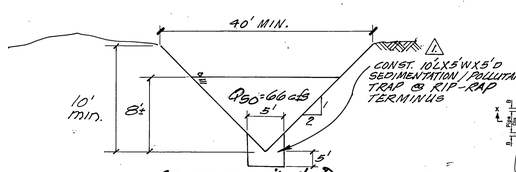
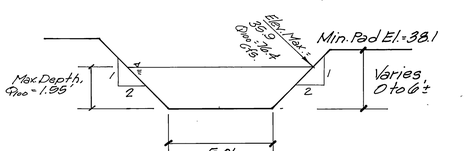


GENERAL NOTES

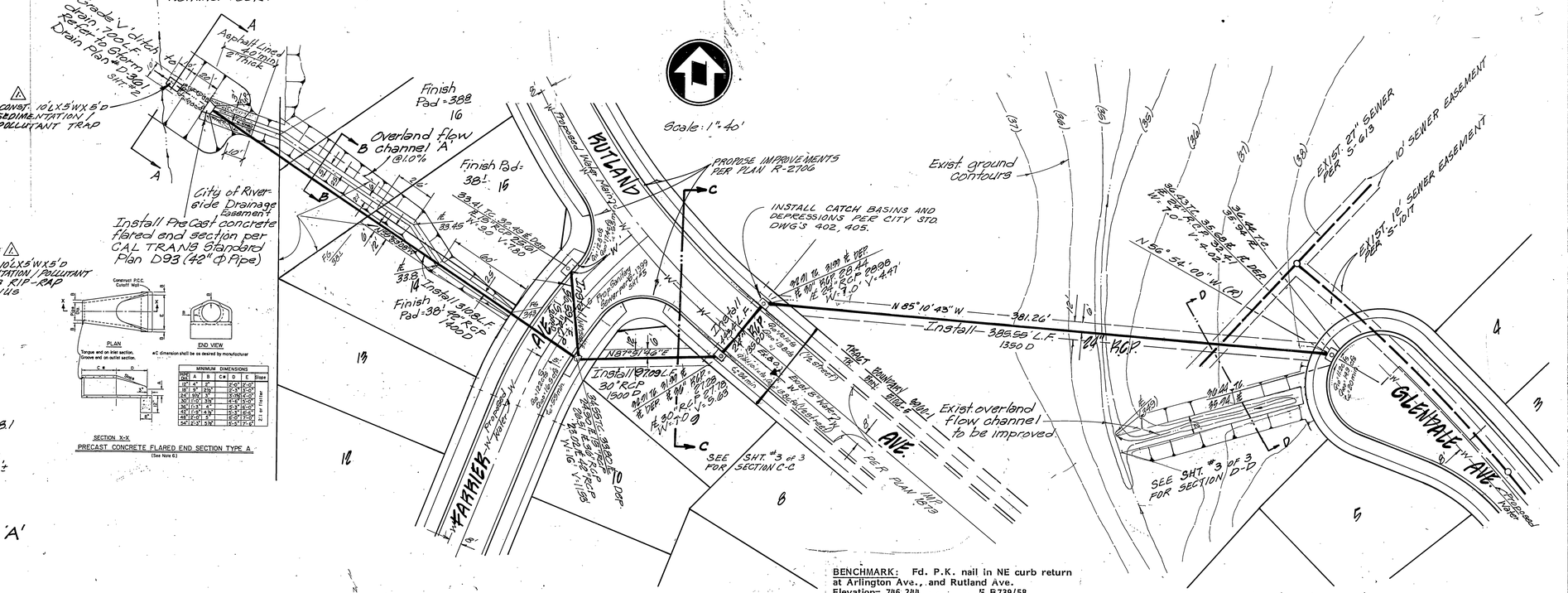
1. It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
2. Construction shall be in acordance with the City of Riverside Department of Public Works, Standard Drawings, and the Standard Specifications for Public Works Construction, 1985 Edition.
3. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
4. All flagged elevations shall be staked in the field by the private engineer.
5. Before the rip rap is accepted, as priced, at the outlet of any drainage structure, it shall be tested under flows as close as possible to design conditions with water obtained from fire hydrants in the immediate area.
6. The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.



OUTFALL 'V' DITCH
Section A-A



OVERLAND FLOW CHANNEL 'A'
Section B-B



PRECAST CONCRETE FLARED END SECTION TYPE A
(See Note 6)

MINIMUM DIMENSIONS					
Pipe Dia.	A	B	C ±	D	E	Slope
18"	4"	2"		2'-0"	3'-0"	
18"	8"	2'-0"		2'-0"	3'-0"	
24"	9½"	3"		2'-0"	4'-0"	
30"	1'-0"	3 3/4"		2'-0"	4'-0"	
36"	1'-3"	4"		2'-0"	6'-0"	
42"	1'-6"	4 1/2"		2'-0"	7'-0"	
48"	1'-6"	5"		2'-0"	7'-0"	
54"	2'-0"	5 1/2"		2'-0"	7'-6"	

Contoured P.C.C. Cutoff Wall

Tongue and on inlet section. Groove and on outlet section.

All dimension shall be as desired by manufacturer

BENCHMARK: Fd. P.K. nail in NE curb return at Arlington Ave., and Rutland Ave.
Elevation= 746.244 F.B739/58

CITY OF RIVERSIDE
WATER SYSTEM
Approved Date 11-25-85

APPROVED BY:
Date

j.o.
designed:
drawn:
checked:

brown & mullins, inc.
engineering & surveying
2150 no. arrowhead avenue
san bernardino, california
Philip E. Brown RCE 18679
(714) 886-4768
Feb. 1985
date

MARK	REVISIONS	APPR.	DATE
A	ADD SEDIMENTATION/POLLUTANT TRAP PER DEPT. FISH & GAME REQUIREMENTS	WLK	7/2/86

DESIGNED BY P.E.B. DRAWN BY G.D.B. CHECKED BY P.E.B.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	APPROVED BY	DATE	BY
PRINCIPAL ENGINEER		12/16/85	
PARK DEPARTMENT			
TRAFFIC DIVISION			
CHIEF P. W. ENGINEER		12/17/85	WLK

APPROVED BY
William D. Gardner
PUBLIC WORKS DIRECTOR
DATE 12-18-85

*As built 4-15-88 TE

STORM DRAIN PLAN.
PRD 18-1884
TRACT 8960-1
GLENDALE AVE.
RUTLAND AVE.
FARRIER AVE

INDEXED D.N.
ACCOUNT NO.
D-361
SHEET 1 OF 3

NORTH SCALE: 1" = 40' VERTICAL SCALE: 1" = 4'

GENERAL NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985 EDITION.

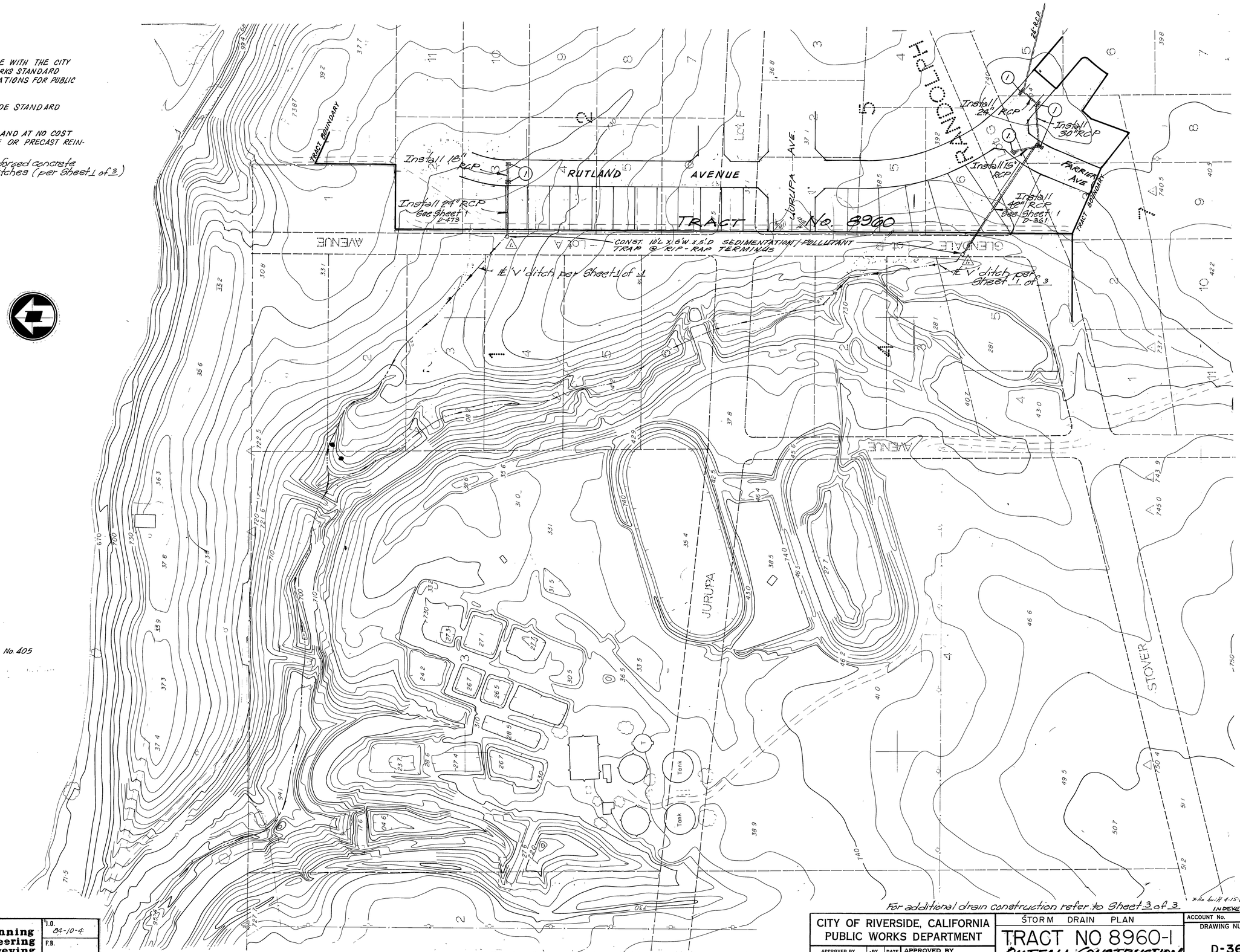
2. BEDDING SHALL BE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 452, CASE I.

3. THE CONTRACTOR MAY, AT HIS OPTION AND AT NO COST TO THE CITY, USE EITHER CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE PIPE, 1000-D.

4. Contractor may substitute reinforced concrete storm drain for "outfall" 'V' ditches (per Sheet 1 of 3.)

CONSTRUCTION NOTES

(1) — CONSTRUCT CATCH BASIN PER STD. No. 405



For additional drain construction refer to Sheet 3 of 3

MARK	REVISIONS	APPR.	DATE
1	ADD SEDIMENTATION/POLLUTANT TRAPS		

MAXWELL, BROWN & MULLINS
planning engineering surveying
SAN BERNARDINO, CALIFORNIA
PHILIP E. BROWN C.E. 18679
Feb. 1985 DATE

J.O. 84-10-4
F.B.
CHECKED BY: PEB
DRAWN BY: BMH

The private Engineer signing these plans is responsible for accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private Engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

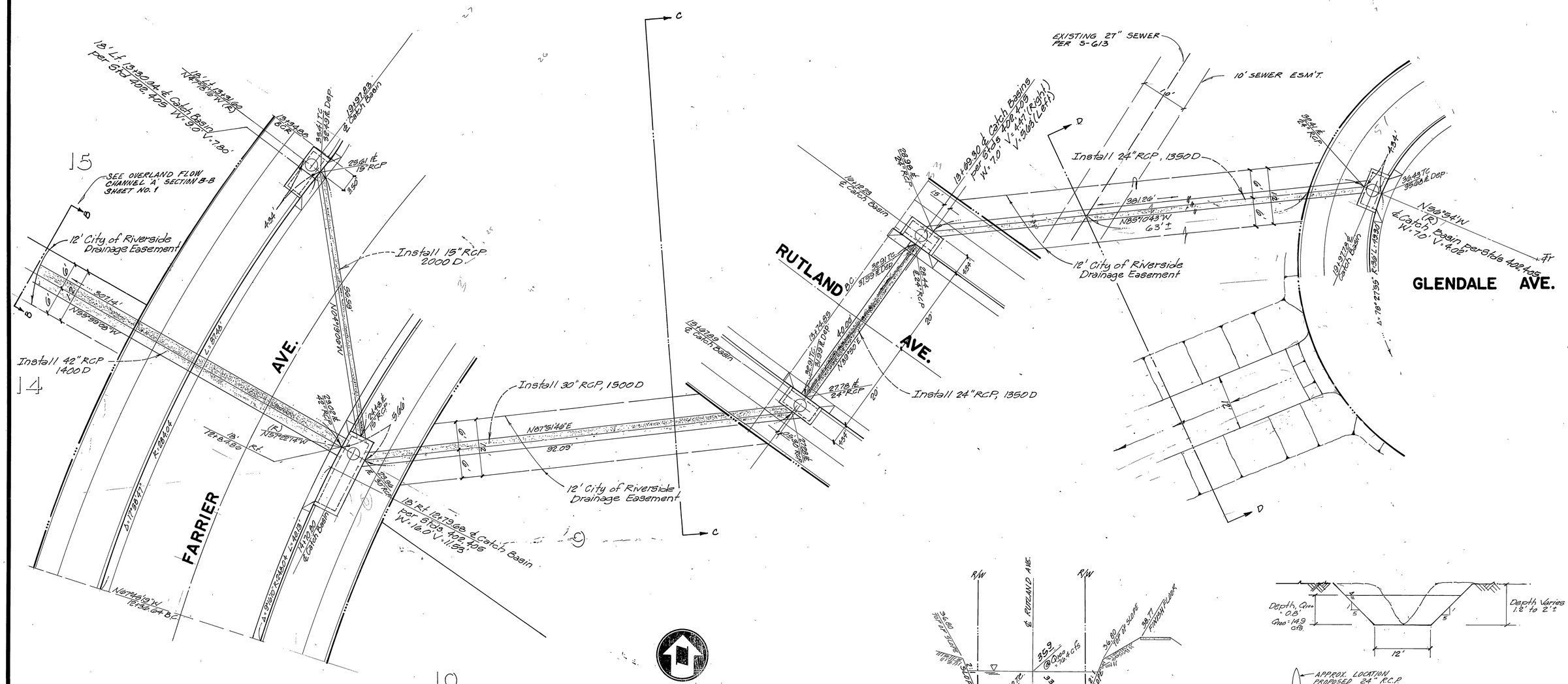
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		4/16/85
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		

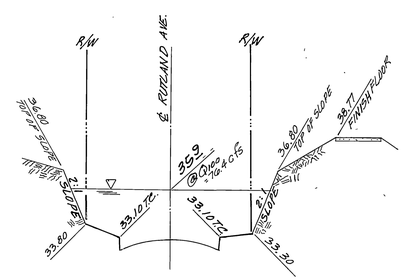
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

STORM DRAIN PLAN
TRACT NO 8960-1
OUTFALL CONSTRUCTION
RUTLAND AVENUE
PRD-18-1834
SCALE: 1"=100' CONTOUR INT.-2'

*Ha Bu.H 4-15-88 TE INDEXED D.N.

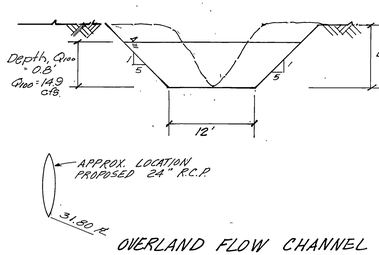
ACCOUNT No.
DRAWING NUMBER D-361
SHEET 2 OF 3





SECTION C-C

HORIZ. 1"=40' VERT. 1"=4'



OVERLAND FLOW CHANNEL

SECTION D-D

j.o.	brown & mullins, inc.	Brmi	
designed:	engineering & surveying		
drawn:	2150 no. arrowhead avenue		
checked:	san bernardino, california	(714)886-4768	
	Philip E. Brown	FEB. 1985	
		date	

MARK	REVISIONS	APPR.	DATE

DESIGNED BY P.E.B. DRAWN BY G.D.B. CHECKED BY P.E.Brown

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	12/16/85	
PARK DEPARTMENT	12-18-85	
TRAFFIC DIVISION		
CHIEF P.W. ENGINEER	12/17/85	

APPROVED BY William D. Gardner
PUBLIC WORKS DIRECTOR
DATE 12-18-85

* As built 4-15-88 PE

INDEXED D.N.

STORM DRAIN PLAN

TRACT NO. 8960-1
DETAIL
FARRIER AVE.- RUTLAND AVE.- GLENDALE AVE
PRD-18-1834

HORIZ. SCALE: 1" = 10' VERT. SCALE: 1" = 10'

ACCOUNT NO. D-361

SHEET 3 OF 3