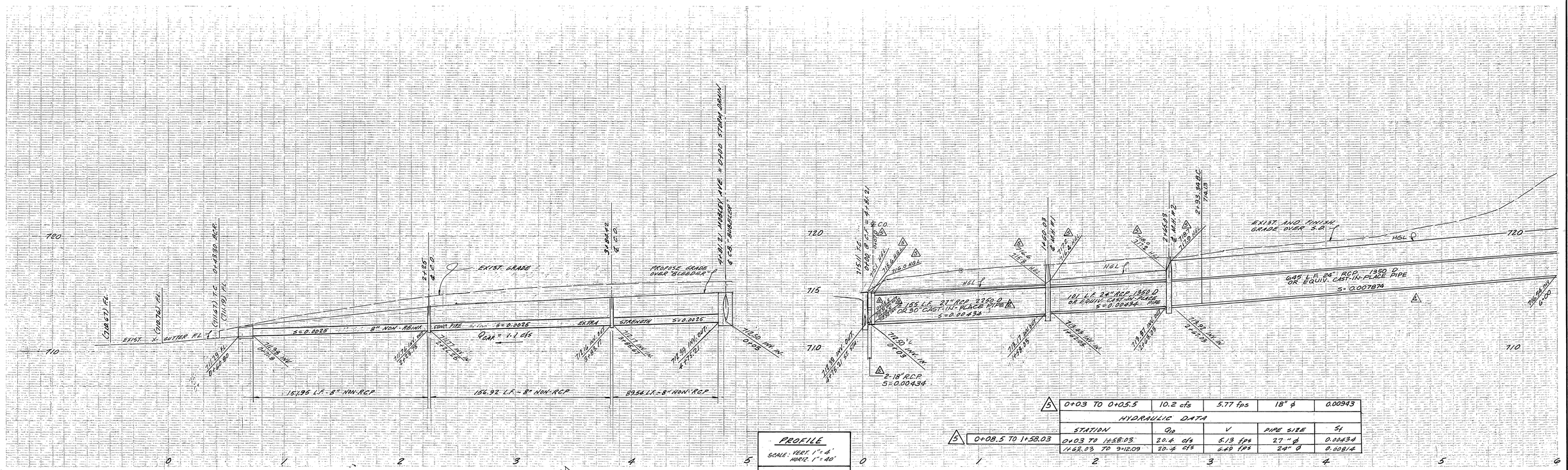


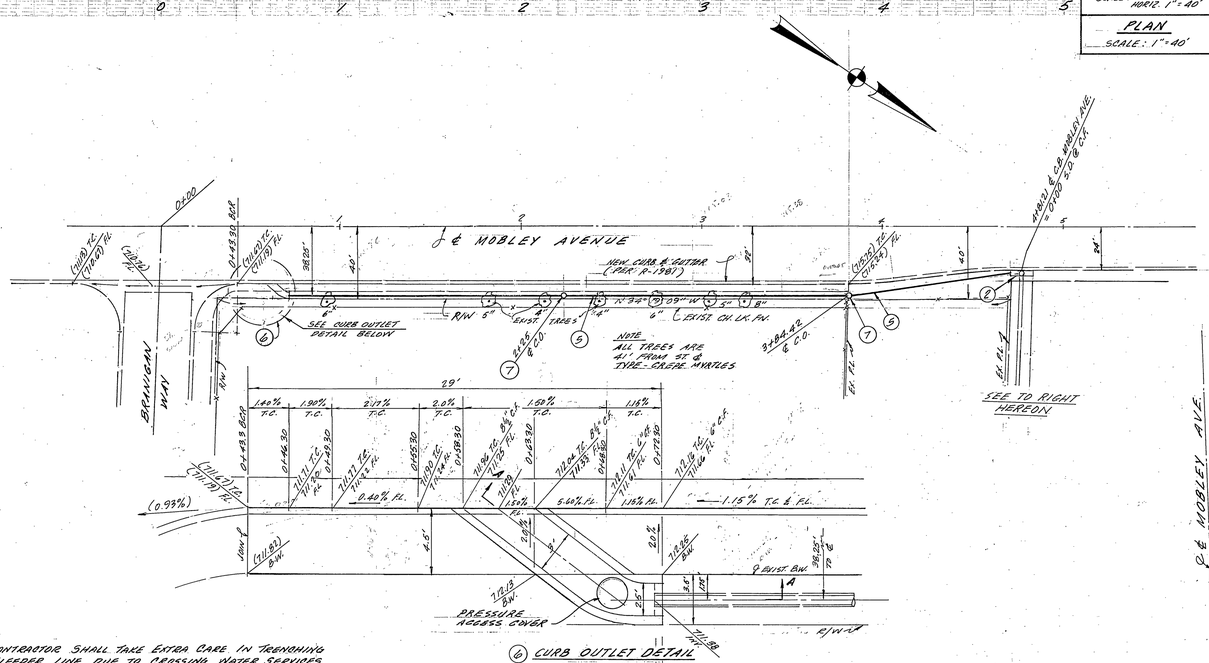
5	0+03 TO 0+05.5	10.2 cfs	5.77 fps	18" ϕ	0.00943

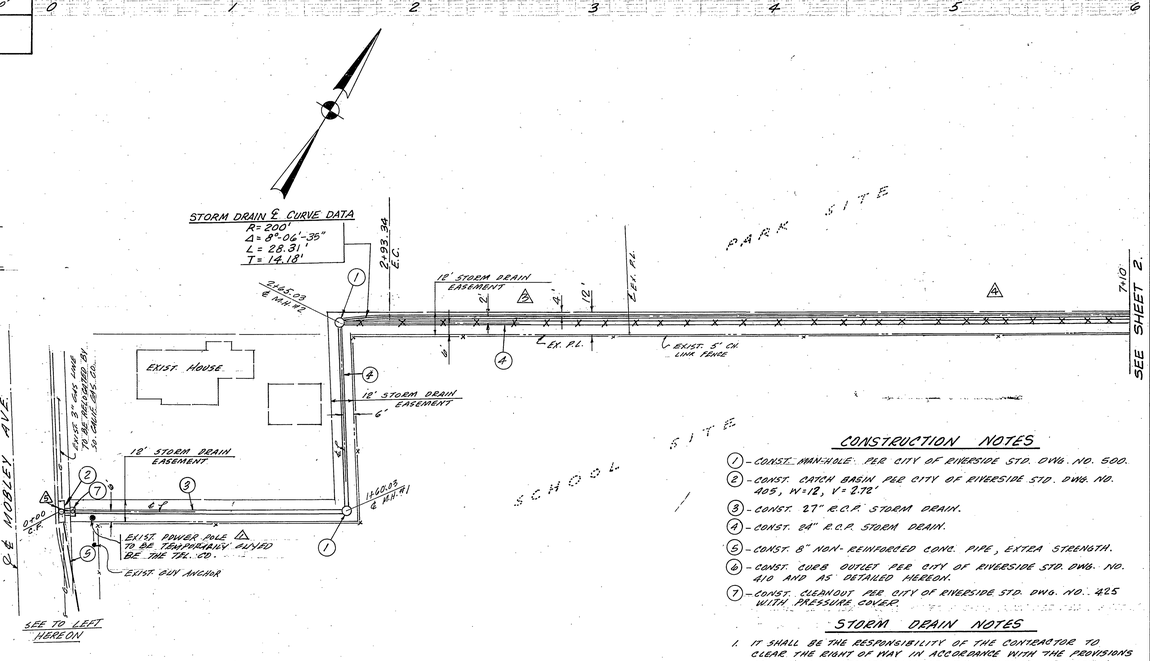
5	0+08.5 TO 1+58.03

HYDRAULIC DATA				
STATION	Q_{10}	V	PIPE SIZE	SI
0+03 TO 1+58.03	20.4 cfs	5.13 fps	27" ϕ	0.00434
1+62.03 TO 9+12.09	20.4 cfs	6.49 fps	24" ϕ	0.00814

PROFILE
SCALE: VERT. 1" = 4'
HORIZ. 1" = 40'

PLAN
SCALE: 1" = 40'





CONSTRUCTION NOTES

1. - CONST. MAN-HOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500.
2. - CONST. CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405, W=12, V=2.72'
3. - CONST. 27" R.C.P. STORM DRAIN.
4. - CONST. 24" R.C.P. STORM DRAIN.
5. - CONST. 8" NON-REINFORCED CONC. PIPE, EXTRA STRENGTH.
6. - CONST. CURB OUTLET PER CITY OF RIVERSIDE STD. DWG. NO. 410 AND AS DETAILED HEREON.
7. - CONST. CLEANOUT PER CITY OF RIVERSIDE STD. DWG. NO. 425 WITH PRESSURE COVER.

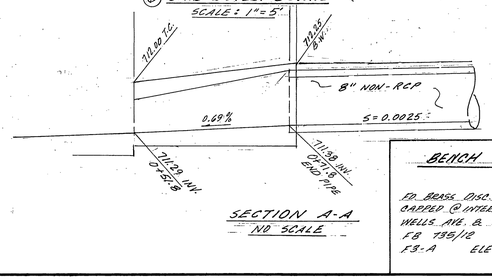
STORM DRAIN NOTES

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 DRAIN UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE, DEPT. OF PUBLIC WORKS, STD. DRAWINGS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1976 EDITION.

NOTES:

THE CONTRACTOR SHALL TAKE EXTRA CARE IN TRENCHING FOR BLEEDER LINE DUE TO CROSSING WATER SERVICES AND SEWER LATERALS.

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 AS A RESULT OF ERRORS OR OMISSIONS, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.



SECTION A-A
NO SCALE

BENCH MARK

FD. BRASS DISC. STAMPED F3-A CAPPED @ INTERSECTION OF WELLS AVE. & TYLER ST.
FB 736/12
F3-A ELEV. 749.491

5 Revision Approved By: Edward Lapolani R.C.E. 21473 DATE: 2-2-78

C.E.L.S. CORPORATION
4820 - CAMPUS DRIVE, SUITE 3
NEWPORT BEACH, CALIFORNIA 92660
TEL. (714) 856-7781

APPROVED BY Frank R. Marcoff DATE 2/23/77
R.E. No. 21926

W.O. FOR: F.B.

MARK	REVISIONS	APPR.	DATE
4	ADDED CLEAN OUT & 2-18" R.C.P.		5-8-78
3	CORRECTED STATIONING		
2	CHANGED STORM DRAIN LOCATION		
1	ADDED C.I.P. DESIGNATION		
	CHANGED EXIST. P.P. DESIGNATION FROM RELOCATION TO TEMPORARILY BUSED		8/1/77

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		

APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 8/6/77

TRACT NO. 7689
STORM DRAIN PLAN
MOBLEY AVE. & EASEMENT

*AS BUILT 6-79 KFT

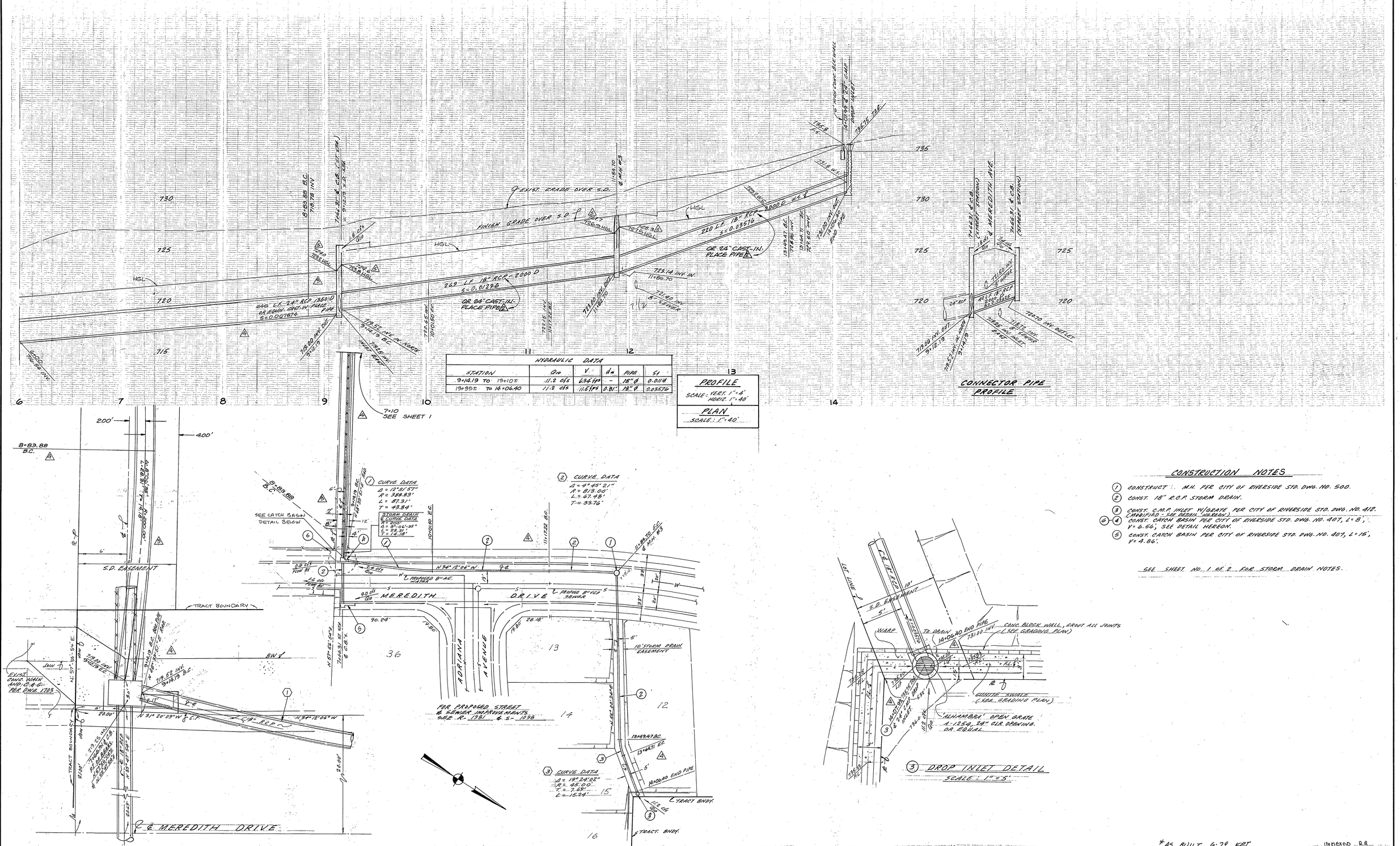
DRAWN BY R.R.

ACCOUNT No.

DRAWING NUMBER D-313

SHEET 1 OF 2

530.54 205-01



HYDRAULIC DATA					
STATION	Q_{10}	V	d_n	PIPE	S_f
9+14.19 TO 13+10±	11.2 cfs	6.34 fps	-	18" ø	0.0114
13+35± TO 14+06.40	11.2 cfs	11.5 fps	0.81'	18" ø	0.03576

PROFILE
SCALE: VERT. 1" = 4'
HORIZ. 1" = 40'

PLAN
SCALE: 1" = 40'

CONSTRUCTION NOTES

1. CONSTRUCT M.H. PER CITY OF RIVERSIDE STD. DWG. NO. 500.
2. CONST. 18" R.C.P. STORM DRAIN.
3. CONST. C.M.P. INLET W/GRATE PER CITY OF RIVERSIDE STD. DWG. NO. 412. (MODIFIED - SEE DETAIL HEREON)
4. CONST. CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 407, L = 8', V = 6.66', SEE DETAIL HEREON.
5. CONST. CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 407, L = 15', V = 4.86'.

SEE SHEET NO. 1 OF 2 FOR STORM DRAIN NOTES.

*AS BUILT 6-79 KPT

INDEXED R.R.

BENCH MARK

FD. BRASS DISC. STAMPED F3-A CAPPED @ INTERSECTION OF WELLS AVE. & TYLER ST.
FB 735/12
F3-A ELEV. 749.491

C.E.L.S. CORPORATION
4570 CAMPUS DRIVE, SUITE 3
NEWPORT BEACH, CALIFORNIA
TEL. (714) 556-7781

APPROVED BY Frank Marcoff DATE 2/23/77
R.E. No. 21926
W.O. FOR: F.B.

MARK	REVISIONS	APPR.	DATE
5	Corrected Hydraulic Grade Line		5-8-78
4	CORRECTED STATIONING		2-2-78
3	CHANGED STORM DRAIN LOCATION		11-30-77
2	ADDED C.I.P. DESIGNATION		11-30-77

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		8/2
PARK DEPARTMENT		5-3
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		

APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 8/2/77

TRACT NO. 7689
STORM DRAIN PLAN.
MEREDITH DR. & EASEMENT

ACCOUNT No.
DRAWING NUMBER D-313
SHEET 2 OF 2