

**ENCROACHMENT PERMIT**

**GOODMAN/INDUSTRIAL EQUITIES**, the Owner of the property located at the northeast corner of Palmyrita and Iowa in the City of Riverside, Assessors Parcel No. 247-170-016 hereby requests permission to **construct and maintain 43 feet of 24 inch diameter storm drain connecting to the City Catch Basin** within the public right of way of as shown on **EXHIBIT A** attached hereto.

Upon issuance of this permit, I agree to comply with the attached terms and conditions.

Date 12-21-98

BY: *James Spencer*  
BY: \_\_\_\_\_

Date \_\_\_\_\_

Applicants Address: Fullmer Construction Phone: 909-682-6043  
1725 S. Grand Avenue  
Ontario CA 91761-4530  
Att: Jim Spencer

**ENCROACHMENT PERMIT APPROVAL**

This permit shall become effective upon the approval of the Departments listed below. Issuance of this permit shall not be construed as a waiver of any other applicable permit or requirement, and is only revocable permission to use the land for the purpose described.

\_\_\_ Public Utilities Water - Brian Simpson *B. Simpson* 12/16/98

\_\_\_ Public Utilities Electric - Bill Mainord *Bill Mainord* 12/17/98

~~\_\_\_ Public Works/Ind. Waste - Gary DeFrese~~

**APPLICANT:** Upon obtaining the above signatures, return this permit to the Public Works Department for final approval.

**FINAL APPROVAL**

Date 12-21-98

*Richard McGrath*  
Richard McGrath Public Works Director

ENCROACHMENT PERMIT NO. E - 1425

*PSD. 12/23/98 MSB*

## TERMS AND CONDITIONS

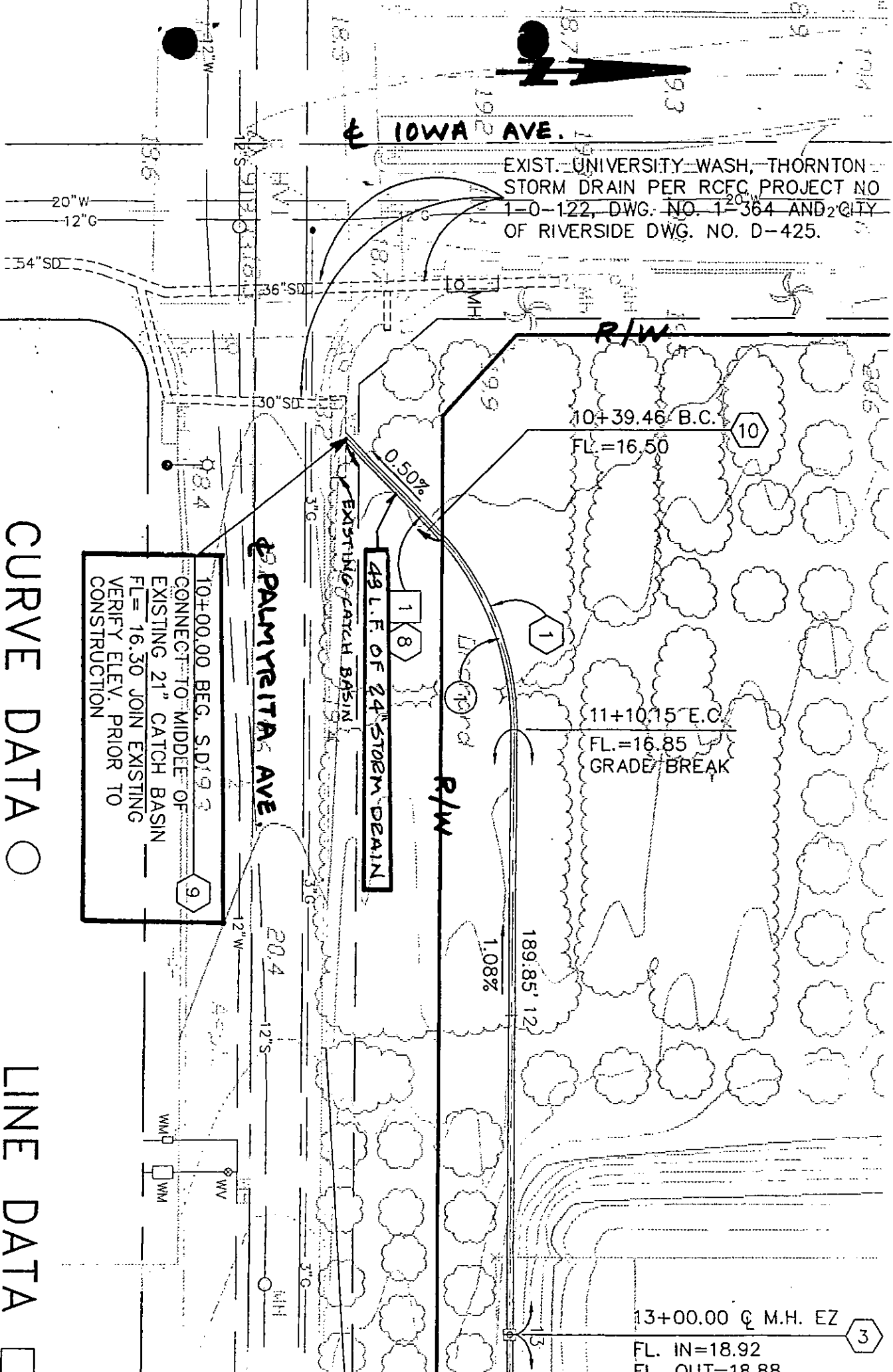
1. Permittee acknowledges that the area of encroachment is owned or controlled by the City of Riverside.
2. Permittee acknowledges that the described property could be needed for a proposed or planned public improvement and the City may revoke this permit. Upon written notice of revocation, the permittee shall, within the time prescribed by the City, remove all improvements placed, constructed or maintained. If the permittee fails to abide by the removal order of the City, the City shall have the right to remove and destroy the improvements without reimbursement to the permittee. The cost of such removal shall be paid by the permittee to the City and shall constitute a debt owed to the City.
3. Permittee waives the right of claim, loss, damage or action against the City resulting from revocation, termination, removal of improvements or any action of the City, its officers, agents or employees taken in accordance with the terms herein.
4. If the Public Works Director of the City of Riverside finds that the permittee is in default of the terms of this permit, that shall be cause for revocation.
5. Permittee herewith agrees to hold the City of Riverside harmless from and against all claims demands, costs, losses, damages, injuries, actions for damages and/or injuries, and liability in connection with the construction, encroachment, and/or maintenance to be done by permittee within the described property.
6. Prior to any construction taking place on City controlled property, permittee shall obtain a Construction Permit or Street Opening Permit from the City Public Works Department.
7. The permittee agrees to insure that construction of their improvements will not interfere in any way with any existing City or utility facilities.
8. Permitted acknowledges that existing city or utility facilities will require future maintenance, reconstruction, and revisions and that facilities may be added, any of which may result in removal or alteration of the permittee's improvements without reimbursement to the permittee.
9. Prior to construction, permittee shall contact Underground Service Alert to field locate existing utility lines. Any conflicts discovered will void the permit until acceptable revisions are made.

Special Departmental Conditions Attached: X/0

R.P. MP-001-989  
 PAGE C-2 of 8

**E IOWA AVE.**

EXIST. UNIVERSITY WASH. THORNTON STORM DRAIN PER RCFC PROJECT NO 1-0-122, DWG. NO. 1-364 AND CITY OF RIVERSIDE DWG. NO. D-425.



10+00.00 BEG. SD193  
 CONNECT TO MIDDLE OF  
 EXISTING 21" CATCH BASIN  
 FL= 16.30 JOIN EXISTING  
 VERIFY ELEV. PRIOR TO  
 CONSTRUCTION

43 L.F. OF 24" STORM DRAIN

**CURVE DATA**

- ① R=90.00'  
 Δ=45°00'00"  
 L=37.28'  
 T=70.69'
- ② R=90.00'  
 Δ=76°58'26"  
 L=120.91'  
 T=71.56'

**LINE DATA**

No.	BEARING	LENG
1	N45°09'13"W	39.46
2	N13°10'47"E	13.76
3	N31°49'13"W	61.7C

13+00.00 C. M.H. EZ  
 FL. IN=18.92  
 FL. OUT=18.88

20+23.26 Q. M.H. EZ  
FL. IN=26.19  
FL. OUT=28.16  
RIM=30.89

10+61.58 END LAT  
R. S.D.=27.82  
FL. OPENING=31.0  
V=3.18

LATERAL "A-2"  
27" S.D.

10+00.00 LAT. "A-2"  
FL=27.20

LATERAL "A-1"  
18" S.D.

LINE "A" S.D.  
24" S.D.

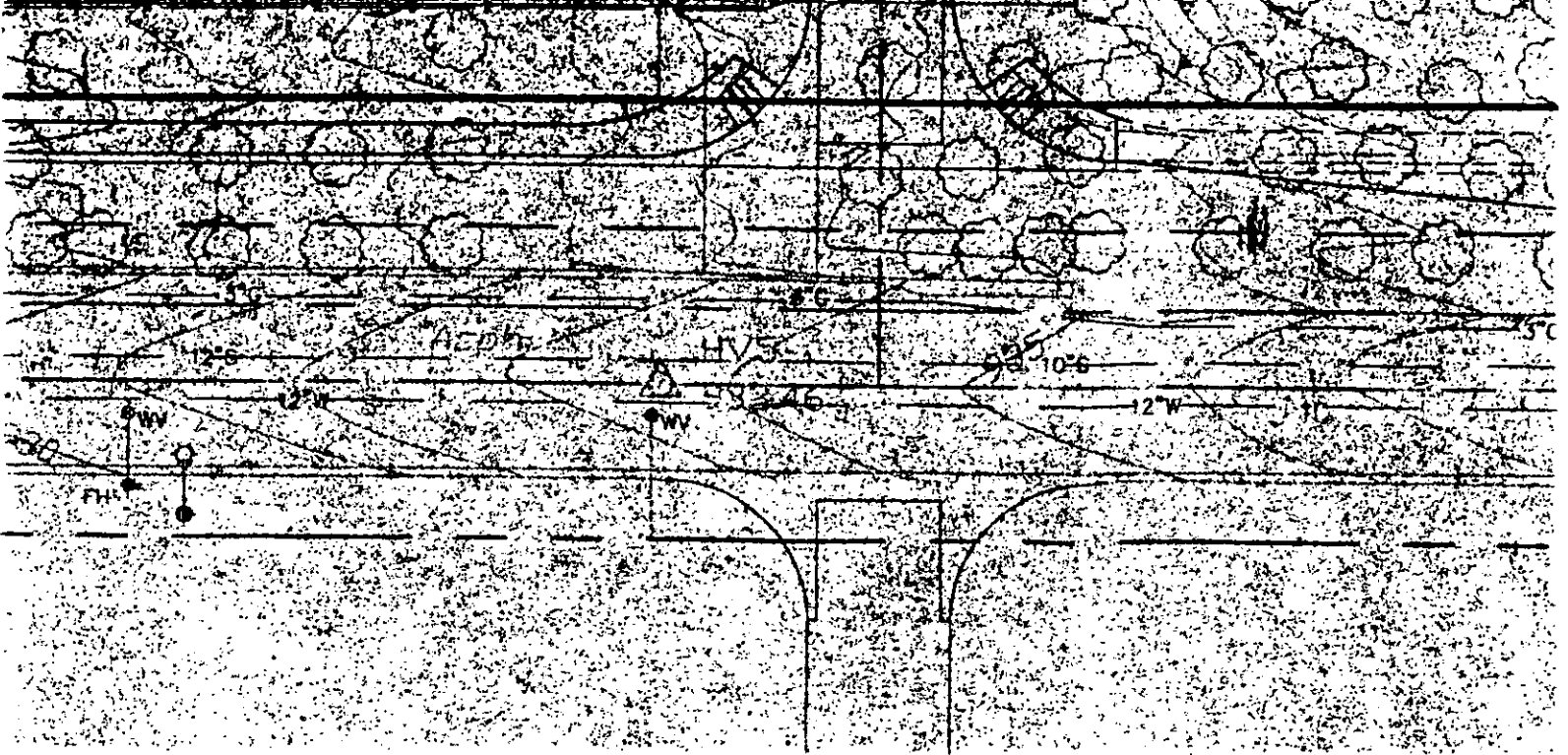
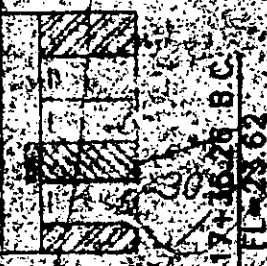
Q<sub>100</sub>=1.9 CFS; Q<sub>10</sub>=1.3 CFS

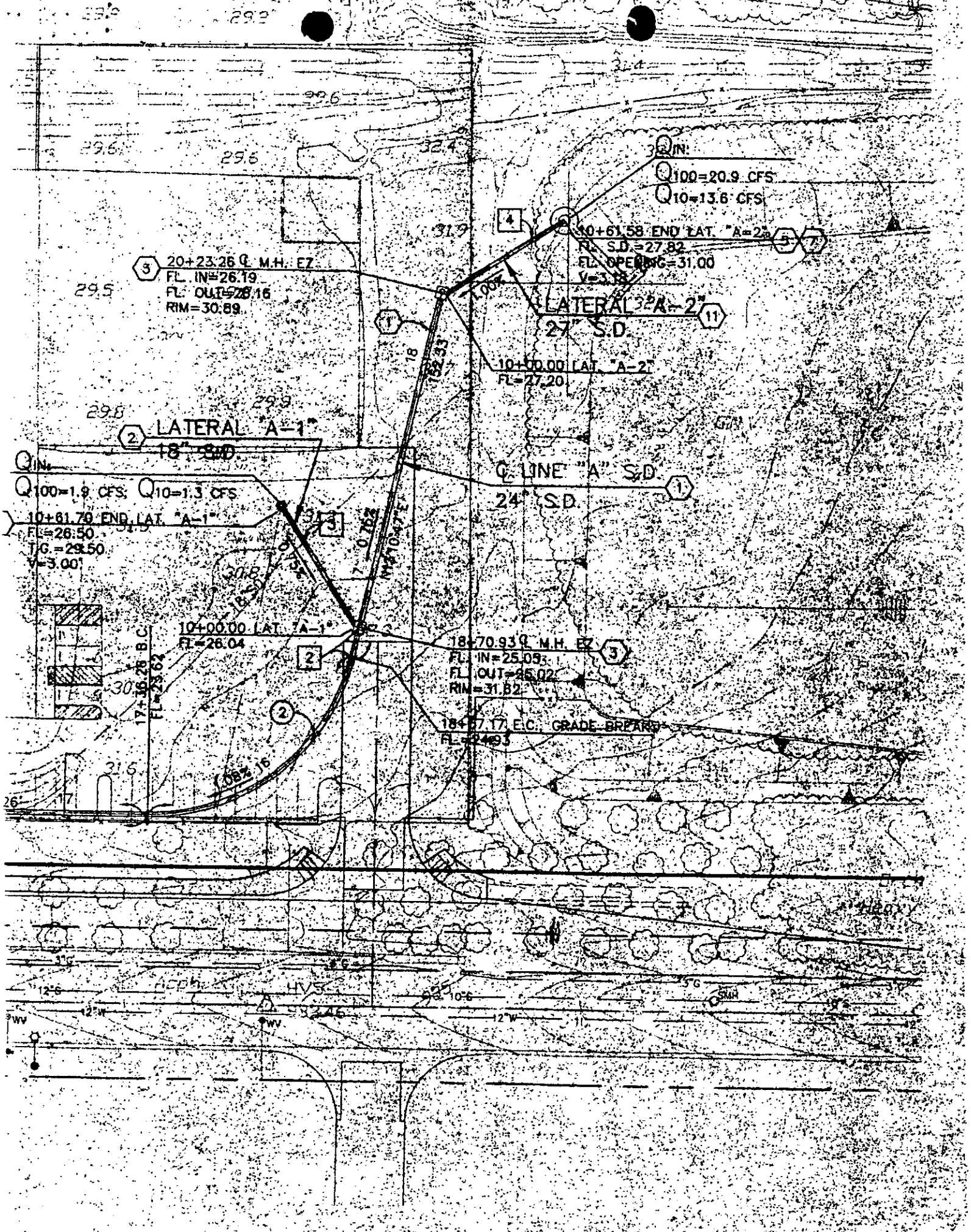
10+61.70 END LAT. "A-1"  
FL=28.50  
T.C.=29.50  
V=3.00

10+00.00 LAT. "A-1"  
FL=28.04

18+70.93 Q. M.H. EZ  
FL. IN=25.09  
FL. OUT=25.02  
RIM=31.52

18+77.17 E.C. GRADE BREAK  
FL=24.93





3 20+23.26 Q. M.H. EZ  
 FL. IN=26.19  
 FL. OUT=26.16  
 RIM=30.89

2 LATERAL "A-1"  
 18" S.D.

Q IN  
 Q100=1.9 CFS; Q10=1.3 CFS

10+61.70 END LAT. "A-1"  
 FL=26.50  
 T.G.=29.50  
 V=3.00'

2 10+00.00 LAT. "A-1"  
 FL=26.04

3 18+70.93 Q. M.H. EZ  
 FL. IN=25.09  
 FL. OUT=25.02  
 RIM=31.82

18+57.17 E.C. GRADE BREAST  
 FL=24.93

4 10+61.58 END LAT. "A-2"  
 N. S.D.=27.82  
 FL. OPENING=31.00  
 V=3.18'

LATERAL "A-2"  
 27" S.D.

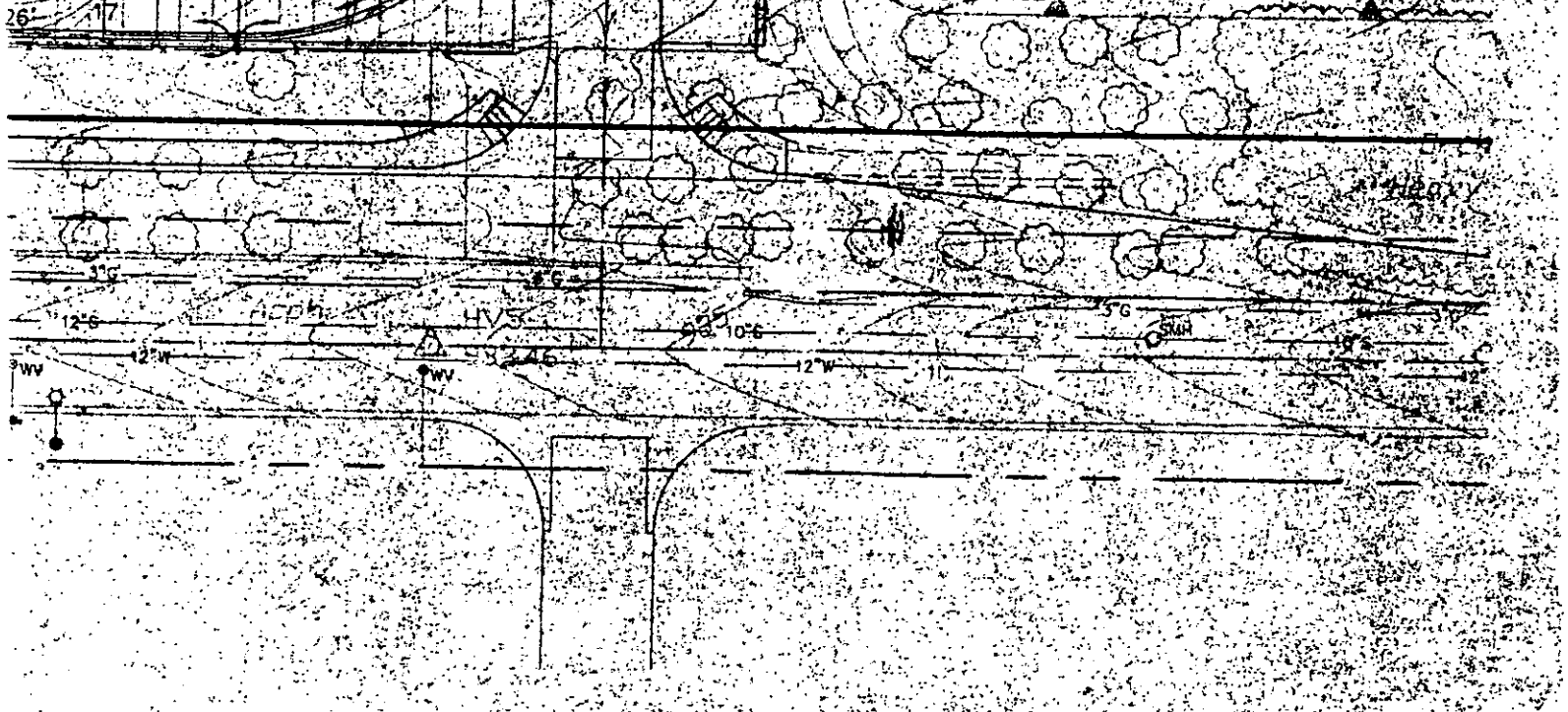
10+00.00 LAT. "A-2"  
 FL=27.20

1 Q. LINE "A" S.D.  
 24" S.D.

Q IN  
 Q100=20.9 CFS  
 Q10=13.6 CFS

17+16.28 B.C.  
 FL=23.62

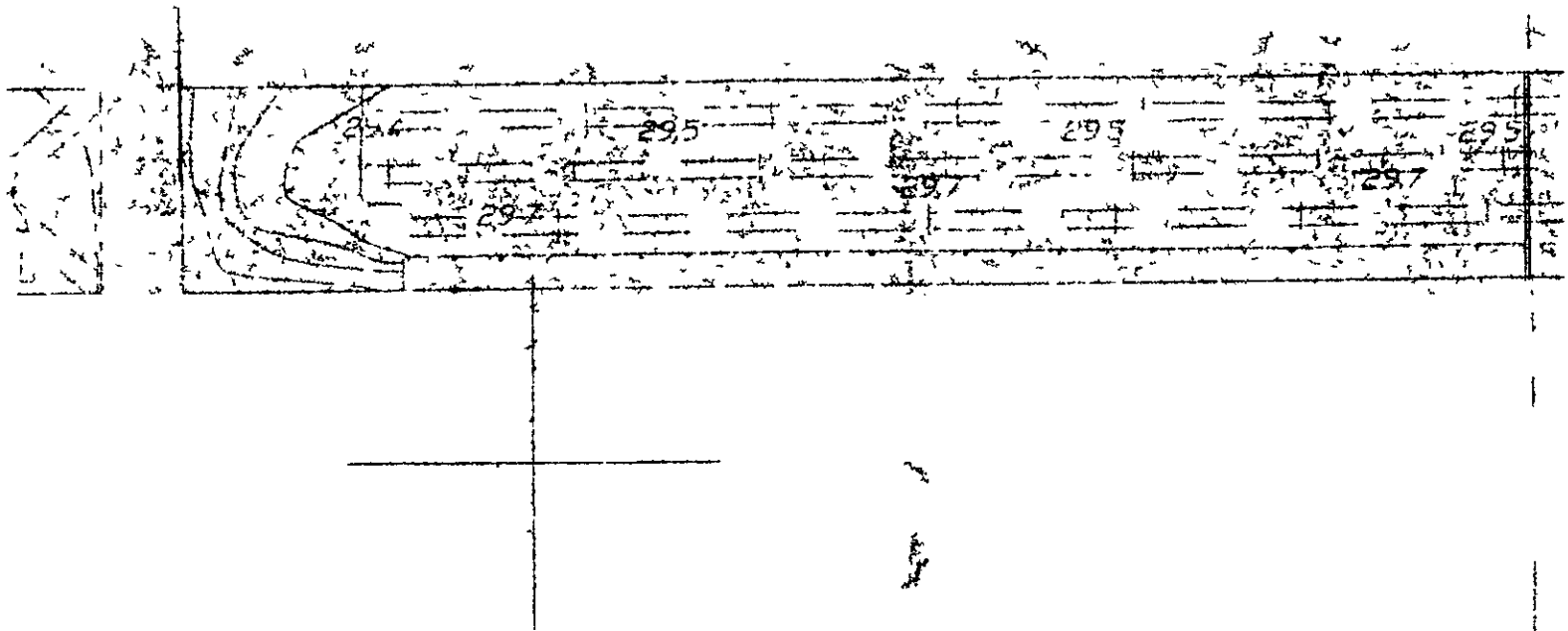
WASTEWATER



# STORM DRAIN CONSTRUCTION NOTES

- 1 PLACE 24" HDPE N-12 PRO-LINK ULTRA STORM DRAIN PIPE AS MANUFACTURED BY ADANCE DRAINAGE SYSTEM (ADS) OR EQUIVALANT PIPE TO BE INSTALLED PER ADS PRODUCT NOTES 3115 DATED DEC. 5, 1996 STORM DRAIN PIPE BEDDING PER CITY OF RIVERSIDE STD DWG NO 452 CASE II
- 2 PLACE 18" HDPE N-12 PRO-LINK ULTRA STORM DRAIN PIPE AS MANUFACTURED BY ADANCE DRAINAGE SYSTEM (ADS) OR EQUIVALANT PIPE TO BE INSTALLED PER ADS PRODUCT NOTES 3115 DATED DEC. 5, 1996 STORM DRAIN PIPE BEDDING PER CITY OF RIVERSIDE STD DWG NO 452 CASE II
- 3 CONSTRUCT MANHOLE EZ PER CITY OF RIVERSIDE STD DWG NO 431
- 4 CONSTRUCT DRAINAGE INLET TYPE G1 PER CALTRANS STD D73
- 5 CONSTRUCT INLET TYPE X<sub>2</sub> PER RIVERSIDE COUNTY FLOOD CONTROL STD DWG CB108
- 6 INSTALL FOSSIL FILTER AS MANUFACTURED BY KRISTAR ENTERPRISES PHONE: (800) 579-8819 FAX (707) 792-4669
- 7 INSTALL ROUND FOSSIL FILTER AS MANUFACTURED BY KRISTAR ENTERPRISES MODIFIED AS SHOWN ON DETAIL "X" SEE SHEET C-6 PHONE (800) 579-8819 FAX (707) 792-4669
- 8 PLACE 24" RCP 1250-D STORM DRAIN PIPE BEDDING PER CITY OF RIVERSIDE STD DWG NO 452 CASE II

- 9 CONSTRUCT
- 10 CONSTRUCT
- 11 PLACE 27" ADVANCE C PRODUCT N OF RIVERSIDE



3  
 0.00 @ MH EZ  
 N= 18.92  
 JT= 18.88  
 6.00

3  
 0.00 @ MH EZ  
 N= 22.16  
 JT= 22.12  
 27.00

Q<sub>IN</sub>  
 Q<sub>100</sub>  
 10+6  
 FL=2  
 TG=  
 V=3