RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

CYPRESS AVENUE STORM DRAIN

ANZA DRAIN TO 500'± S'LY OF CYPRESS ON VAN BUREN

LENGTH ≈ 2310 FEET

CONSTRUCTION LEGEND

CENTER LINE	——℄——	TOP OF SLOPE	
RIGHT-OF-WAY LINE	——R/W——	TOE OF SLOPE	
SUBDIVISION LOT LINE	——℞——	DIRECTION OF FLOW	——→

SHEET INDEX

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	CYPRESS & VAN BUREN	5
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SPECIFIC CONSTRUCTION NOTES

⬡ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET BELOW. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

⬡ 220 REPLACE THAT PORTION OF THE CROSS GUTTER DISRUPTED IN THE CONSTRUCTION OF THE STORM DRAIN AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.

(37.00) EXISTING ELEVATION

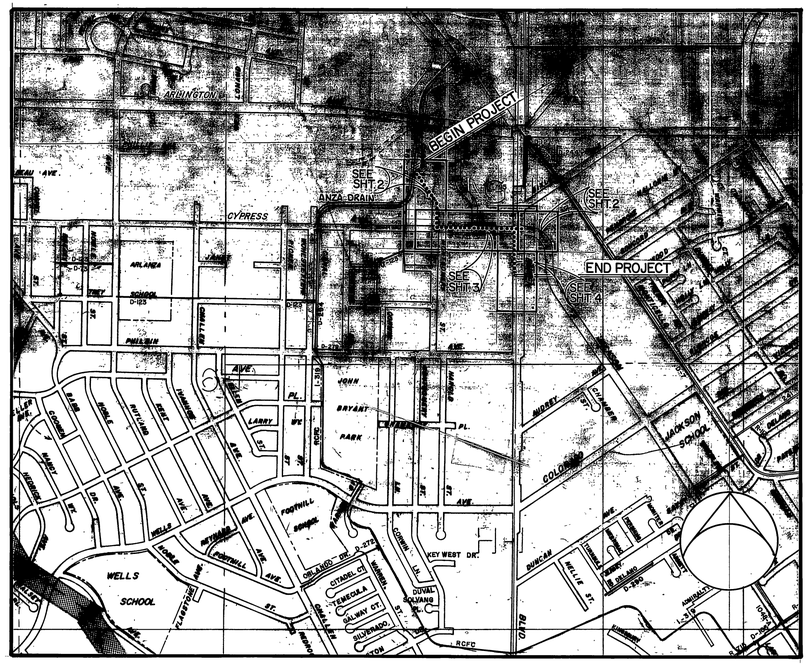
◇ 1 INSTALL 6'X 6' DETECTOR LOOP, T=3 TURNS. TRAFFIC ENGINEER OR HIS REPRESENTATIVE MUST BE PRESENT.

REMOVE EXISTING PAVEMENT AND REPLACE SURFACE WITH 0.75' FULL DEPTH A.C.

OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS OF ASPHALT CONCRETE.

GENERAL CONSTRUCTION NOTES

1. EXISTING UTILITIES SHOWN ON PLANS ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. IF THE COVER OF A UTILITY IS KNOWN IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS ⬭——(UTILITY NAME) INDICATE THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE IMPROVEMENTS.
2. UTILITIES CROSSED BY PROPOSED STORM DRAIN PIPES TO BE LOCATED IN THE FIELD BY CONTRACTOR PRIOR TO ISSUANCE OF GRADE SHEETS. ANY SIDE DRAINS IN THE GRADE OF THE PROPOSED STORM DRAINS SHALL BE CONNECTED TO IT.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1976 EDITION.
4. TRAFFIC SIGNS REMOVED DURING CONSTRUCTION SHALL BE SALVAGED BY THE CONTRACTOR AND RELOCATED AS DIRECTED BY THE INSPECTOR.



PROJECT LOCATION PLAN

0.KM. 0.5.KM. 1.KM. 1.5.KM.

0' 500' 1000' 2000' 3000' 4000' 5000' 6000'

SCALE 1"=800'

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	——8"S——	TELEPHONE CONDUIT	——T——T——
WATER LINE	——8"W——	ELECTRICAL CONDUIT	——E——E——
STORM DRAIN	——24" D——	STREET LIGHTING	——SL——SL——
GAS LINE	——3"G——	TRAFFIC SIGNAL	——SIG——SIG——
IRRIGATION LINE	——20" IRR.——	FIRE ALARM	——F——F——

EXISTING TOPOGRAPHY:

- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW

- SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- STORM DRAIN M.H.
- IRRIGATION WEIR
- WATER M.H.
- GAS M.H
- ELECTRIC M.H.
- TELEPHONE M.H. OR VAULT
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- AIR VALVE
- AIR VENT
- POLE & GUY ANCHOR
- ELECTRIC POLE
- TELEPHONE POLE
- JOINT USE POLE
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- STREET NAME SIGN
- GAS METER
- MAIL BOX
- FAUCET
- TELEPHONE RISER
- WHEEL STOP
- A.C. BERM
- STEEL POST
- WOOD POST
- PEDESTRIAN PUSH BUTTON
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
- STREET LIGHT (UPRIGHT)
- STREET LIGHT
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL PRESSURE DETECTOR
- TRAFFIC SIGNAL LOOP DETECTOR

- CONCRETE
- ASPHALT
- EDGE OF PAVEMENT (asphalt) ep—ep (dirt)
- BUILDING
- UNDERGROUND STRUCTURE
- OVERHANGING STRUCTURE

- CITRUS TREE
- DECIDUOUS TREE OR
- PALM TREE OR
- SHRUBBERY OR
- TREE STUMP
- EVERGREEN TREE

★ AS BUILT 9/9/80 S.K.

INDEXED BLD

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	BY	DATE
APPROVED BY PRINCIPAL ENGINEER		9-24-79
TRAFFIC DIVISION		9-17-79
CHIEF R.W. ENGINEER		9-26-79

APPROVED BY: PUBLIC WORKS DIRECTOR

DATE 9/26/79

Cypress Avenue Storm Drain
MONTGOMERY to VAN BUREN

Project No. 09-573-418
DRAWING NUMBER
D-356
SHEET 1 OF 5

DESIGNED BY BH & BM DRAWN BY WM/SK CHECKED BY DS & DLR

H-7

CURB PROFILE : 16' W'LY OF MONTGOMERY ST. ℄
STA. 0+00 = ℄ CYPRESS AVE.
SCALE : HORIZ. - 1"=40'
VERT. - 1"=4'

TOP OF CURB S=0.00104
GUTTER ℄ VARIABLE SLOPE
3+26 END CURB & GUTTER CONST.
2+26 BEGIN CURB & GUTTER CONST.
STA. 6+25.00
2' ± WATER
MATCH TO EXIST. ℄ +15.00
S=0.0010
493 L.F. 51"R.C.P. D-1000
Q = 129 CFS
223 L.F. 51"R.C.P. D-1000
Q = 129 CFS
723.41E
723.63
123.63
BEGIN PIPE
℄ VAN BUREN
VARIABLE CURB HT. TO MATCH EXIST. SW
PROPOSED GRADE ℄ JACKSON
TOP OF CURB
S = 0.0021 GUTTER ℄
33" SEWER
8" WATER
4" TELEPHONE
ECR
BCR
M.O.C.
33' SEWER

BENCH MARK 137.10
BRASS DISC AT ℄ VAN BUREN BLVD. AND CYPRESS AVE.
F.B. 999/70-71

NOTE: THE CONTRACTOR SHALL PROVIDE A SECURITY FENCE TO THE WAREHOUSE AND ROHR PROPERTIES AT NIGHT AND AT OTHER TIMES WHEN WORK IS NOT IN PROGRESS.

℄ S.D. CURVE DATA
Δ = 89°59'17"
R = 75.00'
T = 74.98'
L = 117.79'

REMOVAL LIMIT 0+57 N'LY ℄ CYPRESS AVE.
EXIST. 6"W.L.
6+90.30 E.C.
FOR PROFILE SEE SHEET 5
GATE
MONTGOMERY STREET
SECURITY ALARM
P/L
℄ S.D. CURVE DATA
Δ = 38°40'05"
R = 400'
T = 140.34'
L = 269.95'
STA. 2+79.17 B.C.
GRADE AND COMPACT SUBGRADE
40' TEMPORARY CONST. EASM'T
10' STORM DRAIN EASEMENT
PLACE 2" A.C.
85'
ANZA DRAIN
STA. 0+09.73 STA. 66+24.00 PER PLAN # D-294
STA. 0+27.73 BEGIN PIPE MEET EXIST. 57" R.C.P. STUB
STA. 5+49.12 E.C.
3+26 END CURB & GUTTER CONST.
6"C.F
A=15, B=29 A.C. PAVEMENT
STA. 5+26.00
2+26 MATCH EXIST.
6044
7711
7731
7741
CYPRESS AVENUE
℄ MONTGOMERY = ℄ CYPRESS AVE.
71+34.42 VAN BUREN
0+66.55 JACKSON
FOR PROFILE SEE SHEET 5
JACKSON STREET
VAN BUREN BOULEVARD
NOTE: CONTRACTOR TO PROTECT EXIST. DETECTOR AND CONDUIT.
71+86.42 ECR REMOVAL LIMIT TO BCR
70+69.42 BCR
0+82.5 ECR
MOC W=1'-3.67
CURB DEP ONLY
8"C.F
70+14.22 MATCH EXIST.
NOTE: STREET LIGHT & SIGNAL CONDUIT TO BE RELOCATED AND/OR REPLACED AS NECESSARY. CONTRACTOR SHALL PROVIDE TEMPORARY SERVICE FOR PEDESTRIAN INDICATION IF NECESSARY.

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

-CAUTION-
PACIFIC TELEPHONE CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:

	7:30 A.M. to 5 P.M.	After Hours & Holidays
Orange County	714-633-0811	714-547-6606
Riverside County	714-684-0071	714-547-6606
Inyo County	714-684-0071	714-547-6606
San Bernardino County	714-684-0071	714-547-6606
Los Angeles County	213-621-3111	24 HOUR SERVICE
Ventura County	213-621-3111	
San Diego County	714-298-0595	714-232-0027

FOR FREE CABLE LOCATING SERVICE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY RH/BM DRAWN BY DN/S.K CHECKED BY CS/DLK

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY PRINCIPAL ENGINEER		7-25-79
TRAFFIC DIVISION		8-14-79
CHIEF P. W. ENGINEER		8-24-79

APPROVED BY PUBLIC WORKS DIRECTOR
DATE 9/24/79

Cypress Avenue Storm Drain
MONTGOMERY to VAN BUREN

HORIZ. SCALE: 1" - 40' VERT. SCALE: 1" - 4'

* AS BUILT 9/80 S.K.

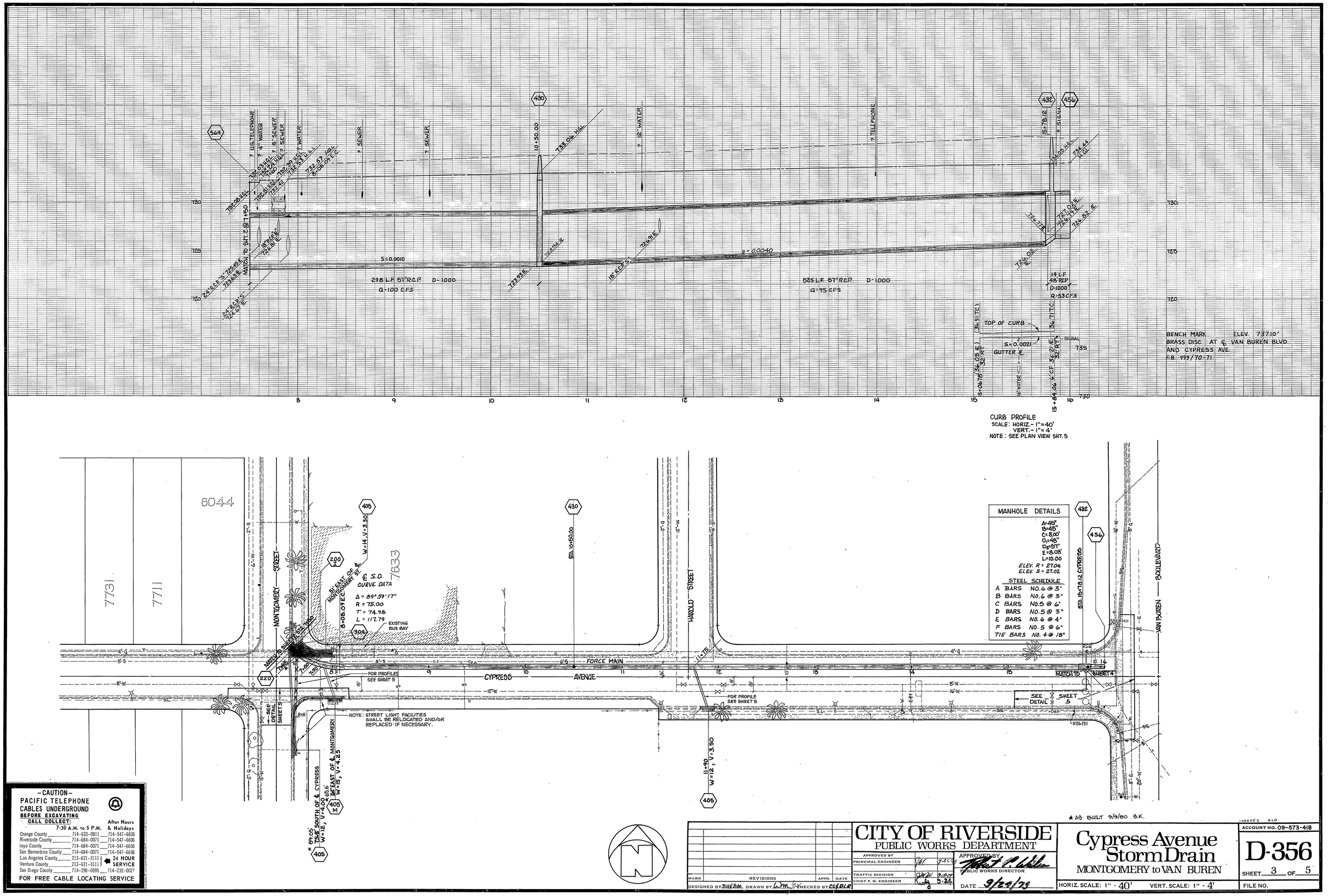
INDEXED BLD

ACCOUNT NO. 09-573-418

D-356

SHEET 2 OF 5

FILE NO.



★ AS BUILT 9/9/80 S.K.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY BH&BM DRAWN BY Wm SK CHECKED BY CS&DLR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY		
PRINCIPAL ENGINEER	[signature]	7-25-79
TRAFFIC DIVISION	[signature]	9-19-79
CHIEF P. W. ENGINEER	[signature]	9.24

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR
DATE 9/24/79

Cypress Avenue Storm Drain
MONTGOMERY to VAN BUREN

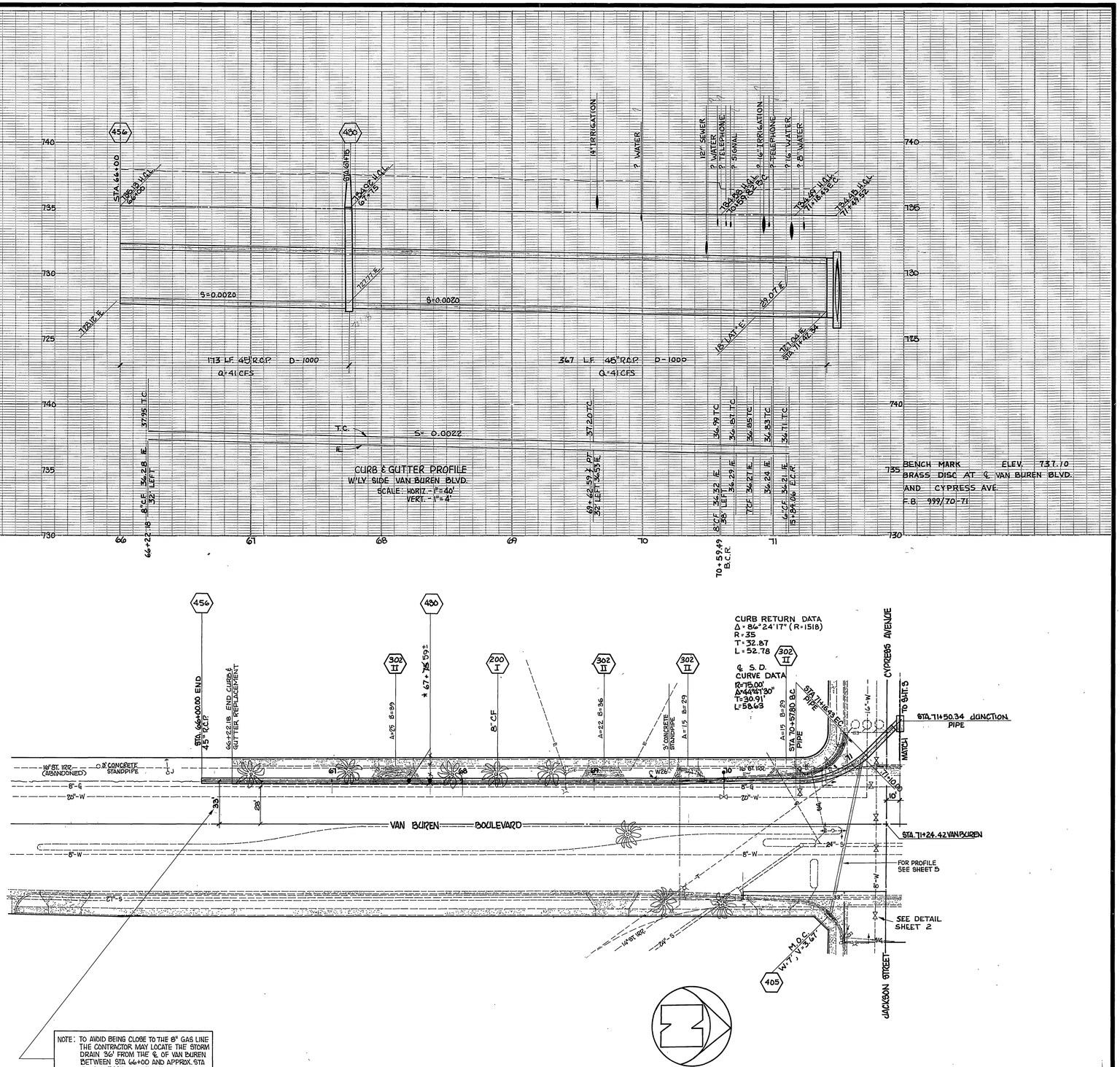
HORIZ. SCALE: 1" - 40' VERT. SCALE: 1" - 4'

INDEXED QLD
ACCOUNT NO. 09-573-418

D-356

SHEET 3 OF 5

FILE NO.



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PACIFIC TELEPHONE
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BEFORE EXCAVATING
CALL COLLECT:

	7:30 A.M. to 5 P.M.	After Hours & Holidays
Orange County	714-633-0811	714-547-6606
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FOR FREE CABLE LOCATING SERVICE

★ AS BUILT 9/9/80 S.K.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY BHBM DRAWN BY W.S.K. CHECKED BY CS/DLE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY PRINCIPAL ENGINEER		7-24-79
TRAFFIC DIVISION		9/19/79
CHIEF P. W. ENGINEER		9-28

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 9/29/79

Cypress Avenue Storm Drain
MONTGOMERY to VAN BUREN

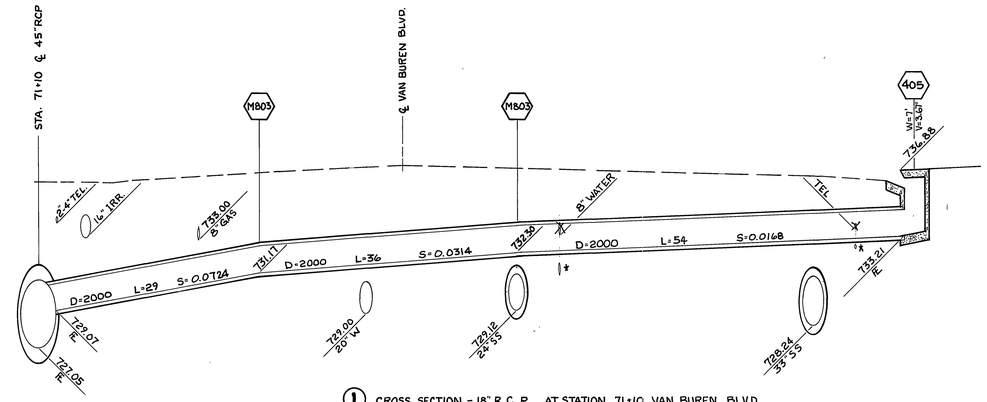
ACCOUNT NO. 09-573-418

D-356

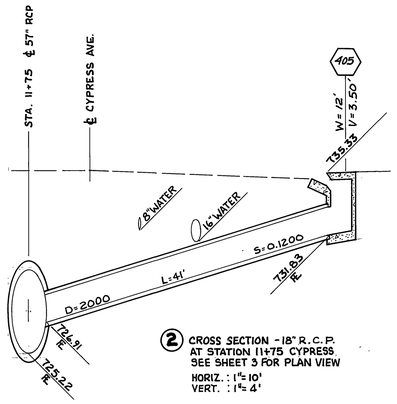
SHEET 4 OF 5

HORIZ. SCALE: 1" - 40' VERT. SCALE: 1" - 4'

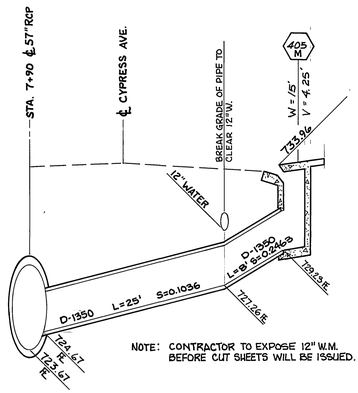
FILE NO.



1 CROSS SECTION - 18" R.C.P. AT STATION 71+10 VAN BUREN BLVD.
SEE SHEET 4 FOR PLAN VIEW
HORIZ. :1"=10'
VERT. :1"=4'

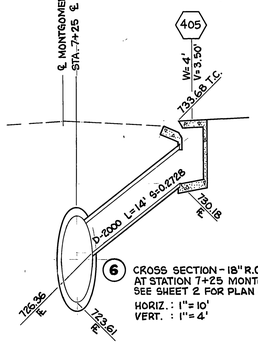


2 CROSS SECTION - 18" R.C.P.
AT STATION 11+75 CYPRESS
SEE SHEET 3 FOR PLAN VIEW
HORIZ. : 1"= 10'
VERT. : 1"= 4'

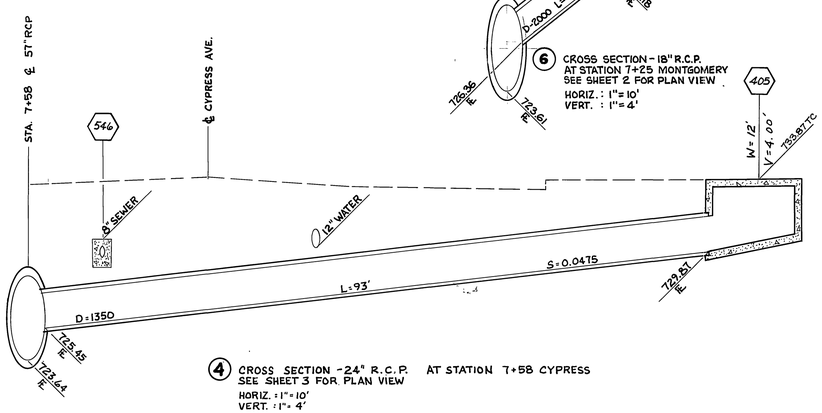


NOTE: CONTRACTOR TO EXPOSE 12" W.M. BEFORE CUT SHEETS WILL BE ISSUED.

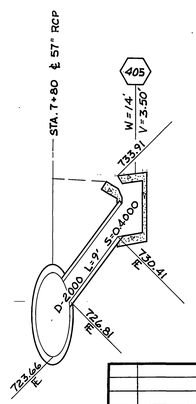
3 CROSS SECTION - 24" R.C.P. AT STATION 7+90 CYPRESS
SEE SHEET 3 FOR PLAN VIEW
HORIZ. :1"=10'
VERT. :1"=4'



6 CROSS SECTION - 18" R.C.P.
AT STATION 7+25 MONTGOMERY
SEE SHEET 2 FOR PLAN VIEW
HORIZ. : 1"=10'
VERT. : 1"=4'

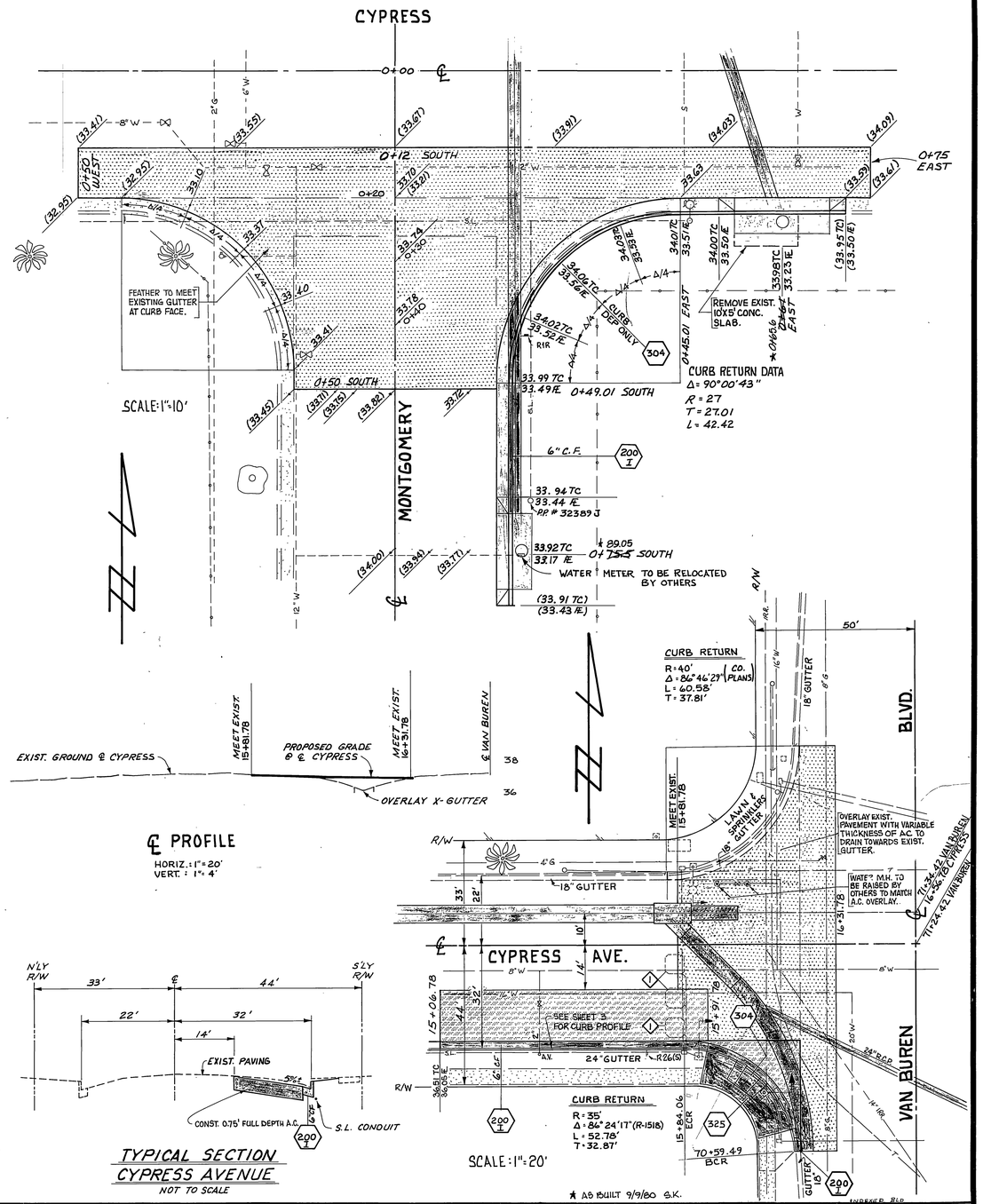


4 CROSS SECTION - 24" R.C.P. AT STATION 7+58 CYPRESS
SEE SHEET 3 FOR PLAN VIEW
HORIZ. :1"=10'
VERT. :1"=4'



5 CROSS SECTION - 18" R.C.P. AT STATION 7+80 CYPRESS
SEE SHEET 3 FOR PLAN VIEW
HORIZ. :1"=10'
VERT. :1"=4'

CYPRESS



MARK	REVISIONS	APPR.	DATE

DESIGNED BY BHE/BM DRAWN BY WM/SS CHECKED BY CSE/DLR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER		7-24-79
TRAFFIC DIVISION		9-19-79
CHIEF F. W. ENGINEER		9.24.

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 9/24/79

Cypress Avenue Storm Drain
MONTGOMERY to VAN BUREN

ACCOUNT NO. 09-573-418

D-356

SHEET 5 OF 5

HORIZ. SCALE: as shown VERT. SCALE: 1" = a/s