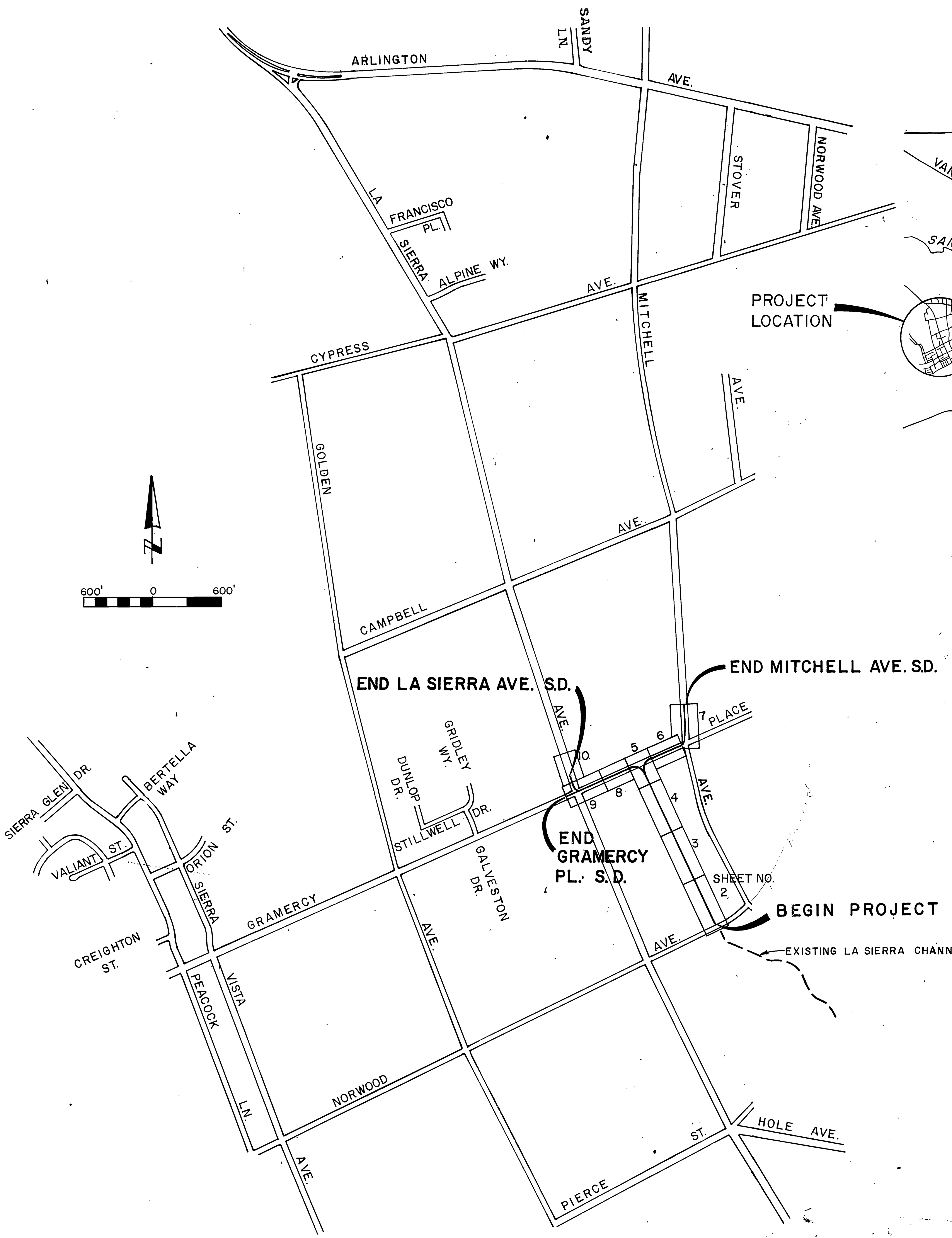
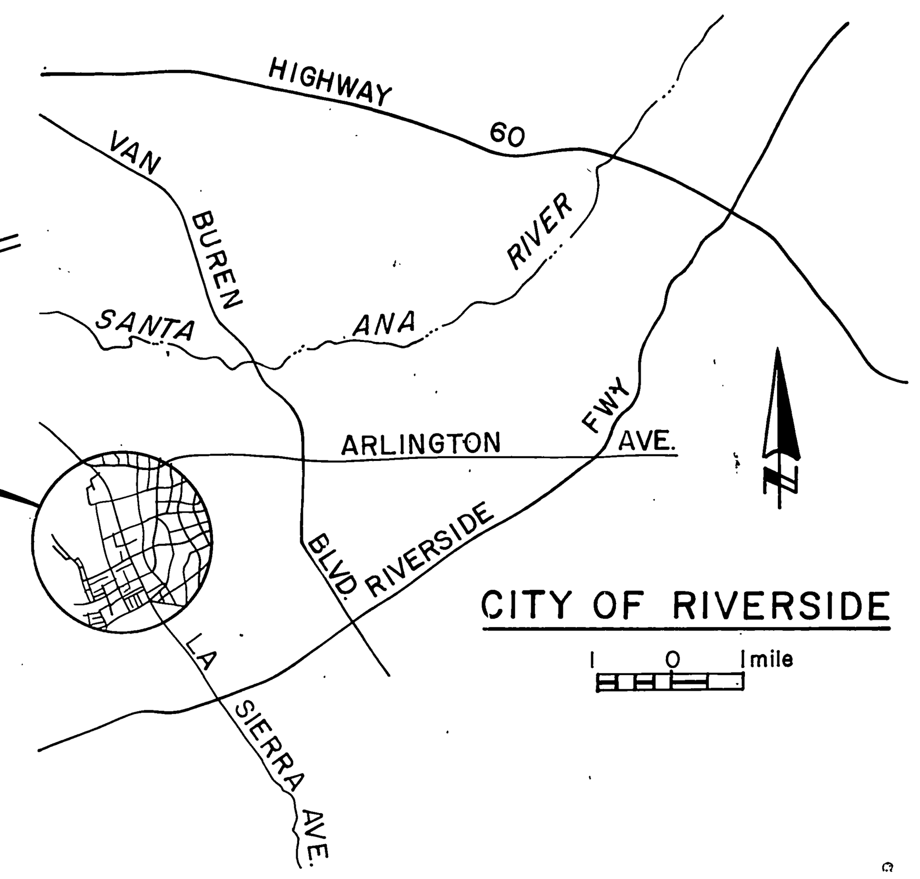
# RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT




CITY OF RIVERSIDE

LA SIERRA

## ABBREVIATIONS

| | |
|---|---|
| ∡ PT | ANGLE POINT |
| BC | BEGINNING OF CURVE |
| CB | CATCH BASIN |
| CFS | CUBIC FEET PER SECOND |
| ℄ | CENTERLINE |
| CL. | CLASS OR CLEAR |
| CONC. | CONCRETE |
| CMP | CORRUGATED METAL PIPE |
| CMPA | CORRUGATED METAL PIPE ARCH |
| CP | CONTROL POINT |
| D | DIAMETER OF PIPE OR D-LOAD |
| DWG | DRAWING |
| DWY | DRIVEWAY |
| E | EAST |
| EC | END OF CURVE |
| EF | EACH FACE |
| ELEV. | ELEVATION |
| EP | EDGE OF EXISTING PAVEMENT |
| EW | EACH WAY |
| EXIST. | EXISTING |
| FPS | FEET PER SECOND |
| G | GAS |
| H | HIGH |
| HGL | HYDRAULIC GRADE LINE |
| IP | IRON PIPE |
| JS | JUNCTION STRUCTURE |
| JT | JOINT |
| L | LENGTH |
| LD | LOCAL DEPRESSION |
| MB | MAIL BOX |
| MH | MANHOLE |
| N | NORTH |
| NO. | NUMBER |
| PI | POINT OF INTERSECTION |
| Q | RATE OF FLOW |
| R | RADIUS |
| RCB | REINFORCED CONCRETE BOX |
| RCFC & WCD | RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT |
| RCP | REINFORCED CONCRETE PIPE |
| R/W | RIGHT OF WAY |
| S | SLOPE OR SOUTH |
| SD | STORM DRAIN |
| SS | SANITARY SEWER |
| STA. | STATION |
| T | TANGENT |
| TBM | TEMPORARY BENCH MARK |
| TCE | TEMPORARY CONSTRUCTION EASEMENT |
| TRANS. | TRANSITION |
| TYP | TYPICAL |
| V | VELOCITY OF FLOW OR DEPTH OF CATCH BASIN |
| W | WIDTH OR WEST |

## LEGEND

| | |
|---|---|
| CATCH BASIN | |
| CULVERT WITH HEADWALL | |
| ELECTRIC LINE, UNDERGROUND | — —E— — |
| FENCE, CHAIN LINK EXISTING | |
| FENCE, WIRE | X——X——X |
| FIRE HYDRANT | |
| FLOW LINE | |
| GAS LINE, I.D. IN INCHES | ——G2—— |
| JUNCTION STRUCTURE NO. 2 | |
| LIGHT STANDARD | |
| MAILBOX | OR |
| MANHOLE, SEWER | |
| POLE WITH ANCHOR | |
| POWER POLE | |
| RIGHT OF WAY, FLOOD CONTROL | ——R/W—— |
| RIGHT OF WAY, STREET | |
| SANITARY SEWER LINE, I.D. IN INCHES | ——SS8—— |
| SHRUBS | |
| SIGN | |
| SOIL BORING | |
| STORM DRAIN, EXISTING, I.D. IN INCHES | ==SD36== == |
| STREET LIGHT ON MAST ARM | |
| STREET LIGHT CONDUIT | — —SL— — |
| TELEPHONE CABLE, UNDERGROUND | — —T— — |
| TEMPORARY CONSTRUCTION EASEMENT | ——TCE—— |
| TREE, OTHER THAN PALM | |
| TREE, PALM | |
| WATER LINE, I.D. IN INCHES | — — —W4— |
| WATER METER | |
| WATER VALVE | |
| FIELD LIGHTS | |

## INDEX



| | |
|---|---|
| TITLE SHEET | 1 |
| PLAN & PROFILE SHEETS | 2-10 |
| DETAIL SHEET | 11 |



## RCFC & WCD STANDARD DRAWINGS



| | | |
|---|---|---|
| CB 100 | CATCH BASIN NO. 1 | 12 |
| CB 103 | MANHOLE FRAME & COVER FOR CATCH BASINS | 13 |
| CB105 | DETAIL OF CATCH BASIN OPENING | 14 |
| CB109 | SPECIAL CONNECTIONS TO CATCH BASIN | 15 |
| CB110 | CONCRETE DROP INLET | 16 |
| LD201 | LOCAL DEPRESSION NO. 2 | 17 |
| JS227 | JUNCTION STRUCTURE NO. 2 | 18-19 |
| JS229 | JUNCTION STRUCTURE NO. 4 | 20 |
| MH252 | MANHOLE NO. 2 | 21 |
| MH253 | MANHOLE NO. 3 | 22 |
| MH254 | MANHOLE NO. 4 | 23-24 |
| MH255 | MANHOLE FRAME & COVER, NON-ROCKING | 25 |
| MH257 | MANHOLE SHAFT FOR CAST PIPE | 26 |
| MH259 | STANDARD DROP STEP | 27 |
| TS302 | TRANSITION STRUCTURE NO. 2 | 28 |
| BX401 | SINGLE CELL RCB STRUCTURAL DETAILS | 29 |
| M801 | CHAIN LINK FENCE DETAILS | 30 |
| M802 | PIPE BEDDING DETAILS | 31 |
| M803 | CONCRETE COLLARS FOR PIPES 12 INCHES THROUGH 66 INCHES | 32 |
| M804 | TIMBER BULKHEADS | 33 |
| M811 | SIGNS & MARKERS | 34 |
| M812 | R.C. BOX ECAVATION AND BACKFILL PAY LINES | 35 |
| M813 | CURB & GUTTER | 36 |
| JS228 | JUNCTION STRUCTURE NO. 3 | 37 |



## GENERAL NOTES

1. TIES FOR CATCH BASINS AS SHOWN ON THE DRAWINGS ARE FROM THE CURB RETURN TO CENTERLINE OF CATCH BASIN, UNLESS OTHERWISE SHOWN.
2. JUNCTION STRUCTURE NO. 4 SHALL BE USED FOR ALL INLET CONNECTIONS TO THE MAINLINE PIPE UNLESS OTHERWISE SHOWN.
3. EXISTING STORM DRAINS CUT DURING CONSTRUCTION TO BE ABANDONED SHALL BE SEALED WITH 6" OF CLASS "B" CONCRETE NOTED ON THE DRAWINGS AS "PLUG".
4. PAVEMENT REPLACEMENT SHALL BE 3" OF ASPHALTIC CONCRETE ON 6" OF CLASS 3 BASE.
5. JUNCTION STRUCTURE NO. 3 SHALL BE USED FOR ALL INLET CONNECTIONS TO MAINLINE BOX UNLESS OTHERWISE SHOWN.

INDEXED

| REVISIONS | | | |
|---|---|---|---|
| REF. | DESCRIPTION | APPR. | DATE |
| | No. Change | | |

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: A. PRIVITT
DRAWN BY: S. Moody
DATE DRAWN:
CHECKED BY: A.G.K.

APPROVED BY: John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 12-5-73

LA SIERRA CHANNEL

MITCHELL AVENUE STORM DRAIN STAGE I

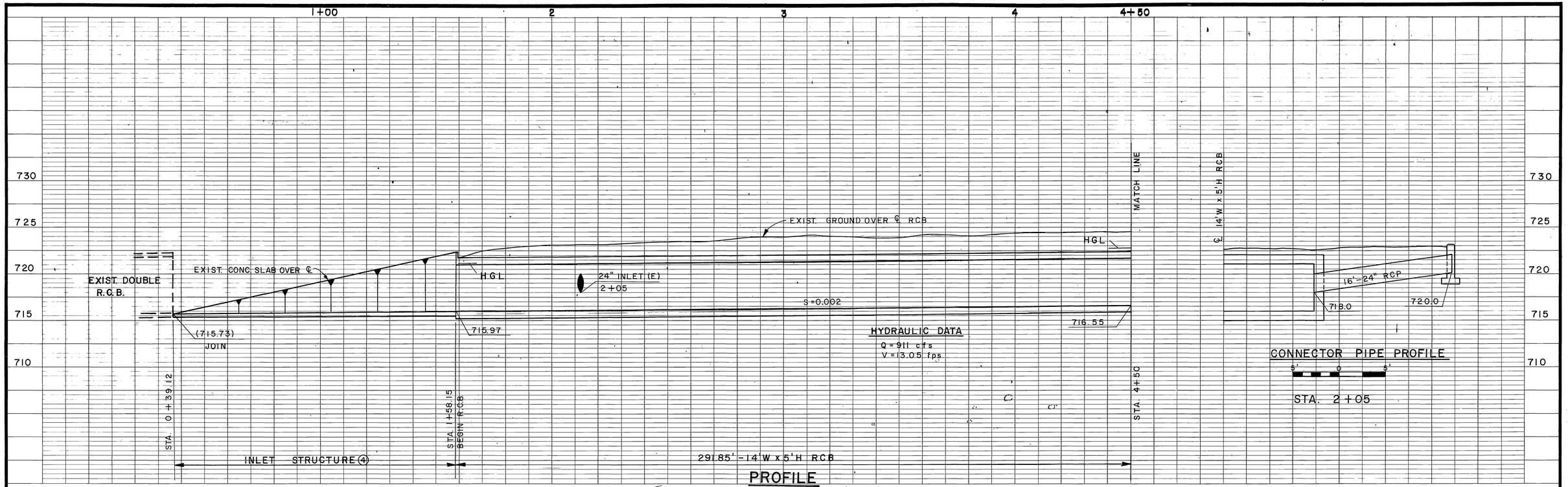
TITLE SHEET

1970 STORM DRAIN BOND ISSUE PROJECT NO. 19

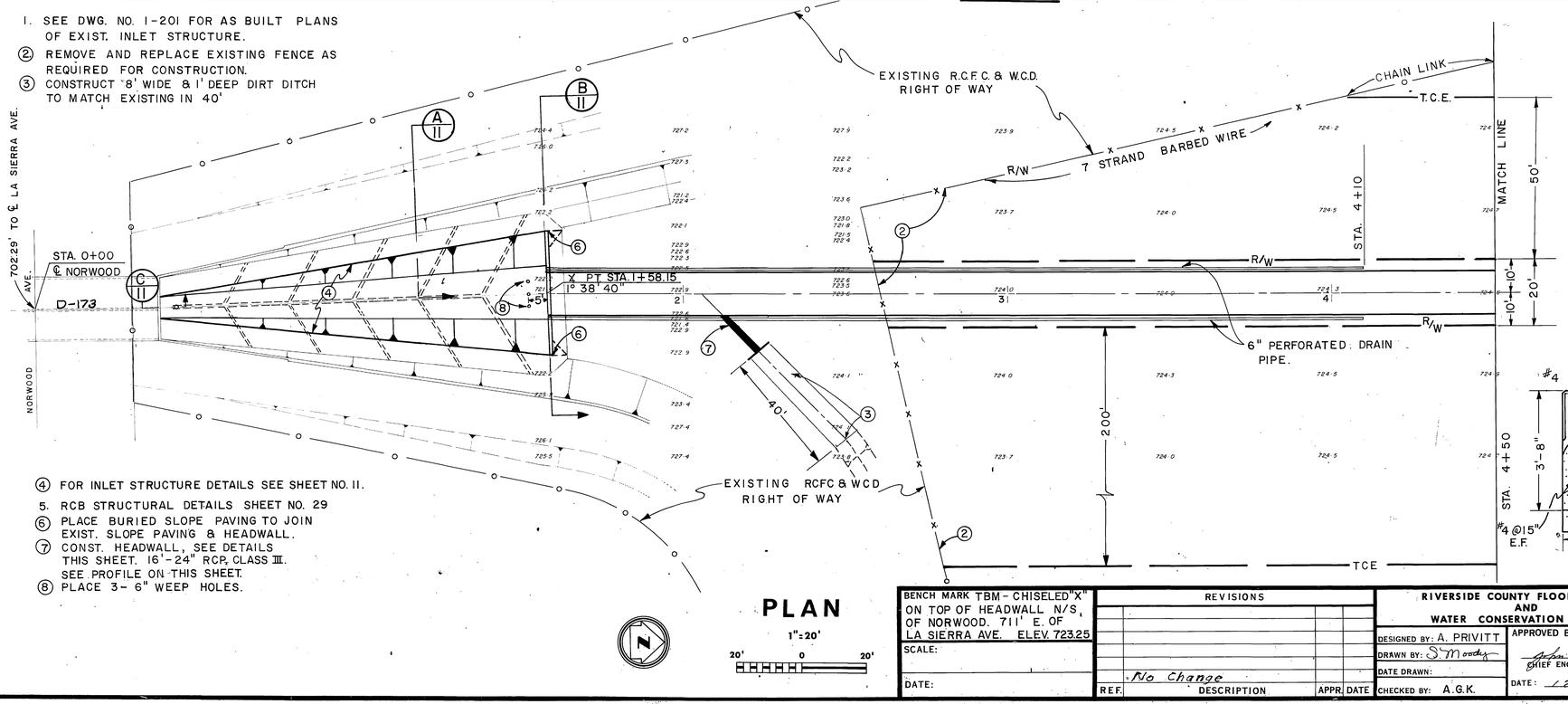
PROJECT NO. 1-0-065
DRAWING NO. 1-295
SHEET NO. 1 OF 37

AS BUILT

D-285




## PROFILE




## PLAN

1"=20'

20' 0 20'

BENCH MARK TBM - CHISELED "X" ON TOP OF HEADWALL N/S, OF NORWOOD. 711' E. OF LA SIERRA AVE. ELEV. 723.25

SCALE:

DATE:

| REVISIONS | | | |
|---|---|---|---|
| REF. | DESCRIPTION | APPR. | DATE |
| | No Change | | |

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: A. PRIVITT
DRAWN BY: S. Moody
DATE DRAWN:
CHECKED BY: A.G.K.

APPROVED BY:
John W. Bayant
CHIEF ENGINEER R.E. NO. 8822
DATE: 12-3-73

LA SIERRA CHANNEL
MITCHELL AVENUE STORM DRAIN
STAGE I
STA. 0+39.12 TO STA. 4+50
1970 STORM DRAIN BOND ISSUE PROJECT NO. 19

PROJECT NO. 1-0-065
DRAWING NO. 1-295
SHEET NO. 2 OF 37

AS BUILT

D-285

5+00 6 7 8 9

730 725 720 715 710

MATCH LINE

STA. 6+70 M.H. NO. 3 MOVED TO STA. 7+16

STA. 7+16 M.H. NO. 3

EXIST. GROUND OVER ℄ R.C.B.

HGL HGL HGL HGL

S = 0.002 S = 0.002

716.55 716.93 716.98 717.45

HYDRAULIC DATA
Q = 911 cfs
V = 13.0 fps

HYDRAULIC DATA
Q = 911 cfs
V = 14.07 fps

STA. 4+50 STA. 6+38.00 STA. 6+63.00 STA. 9+00

188' – 14'W x 5'H RCB TRANS. NO. 2 237' – 10'W x 6'-6"H RCB

MATCH LINE MATCH LINE

## PROFILE

1. RCB STRUCTURAL DETAILS SHEET NO. 29.

50' 20' 200' 50'

SOIL BORING NO. 1

℄ R/W R/W

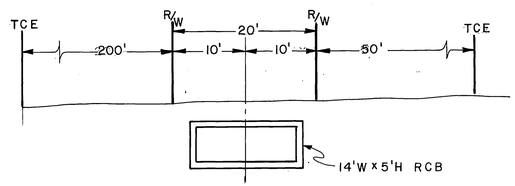
5+00 6 7 8 9

M.H. NO. 3 STA. 6+70

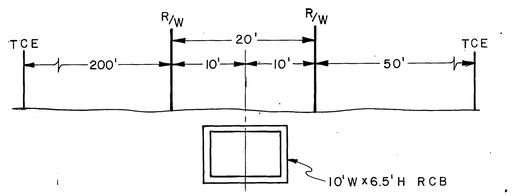
TCE TCE TCE TCE

20' 10' 10' 20'

STA. 4+50 STA. 9+00




CROSS SECTION
STA. 6+00




CROSS SECTION
STA. 8+00

10' 0 10'

## PLAN

1"=20'

20' 0 20'

| | | | |
|---|---|---|---|
| BENCH MARK: SEE SHEET NO. 2 | REVISIONS | RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT | LA SIERRA CHANNEL |
| SCALE: | | DESIGNED BY: A. PRIVITT | MITCHELL AVENUE STORM DRAIN |
| DATE: | | DRAWN BY: S. Moody | STAGE I |
| | C1 Moved M.H. No 3 to Sta. 7+16 GKW 11-27-73 | DATE DRAWN: | STA. 4+50 TO STA. 9+00 |
| | REF. DESCRIPTION APPR. DATE | CHECKED BY: A.G.K. | 1970 STORM DRAIN BOND ISSUE PROJECT NO. 19 |
| | | APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822, DATE: 12-3-73 | PROJECT NO. 1-0-065; DRAWING NO. 1-295; SHEET NO. 3 OF 37 |

AS BUILT

D-285

9 | 10+00 | 11 | 12 | 13+00

MATCH LINE

730
725
720
715
710

EXIST GROUND OVER ℄ RCB

HGL

W4

EI

HGL

MATCH LINE

S = 0.002

HYDRAULIC DATA
Q = 911 cfs
V = 14.07 fps

717.45

718.35

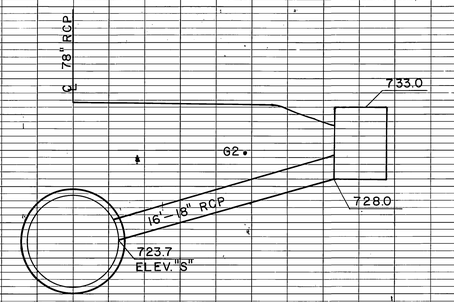
STA. 9+00

STA. 13+50

450' - 10'W x 6'-6"H RCB

## PROFILE

NOTE: THE CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN UNLESS OTHERWISE NOTED.

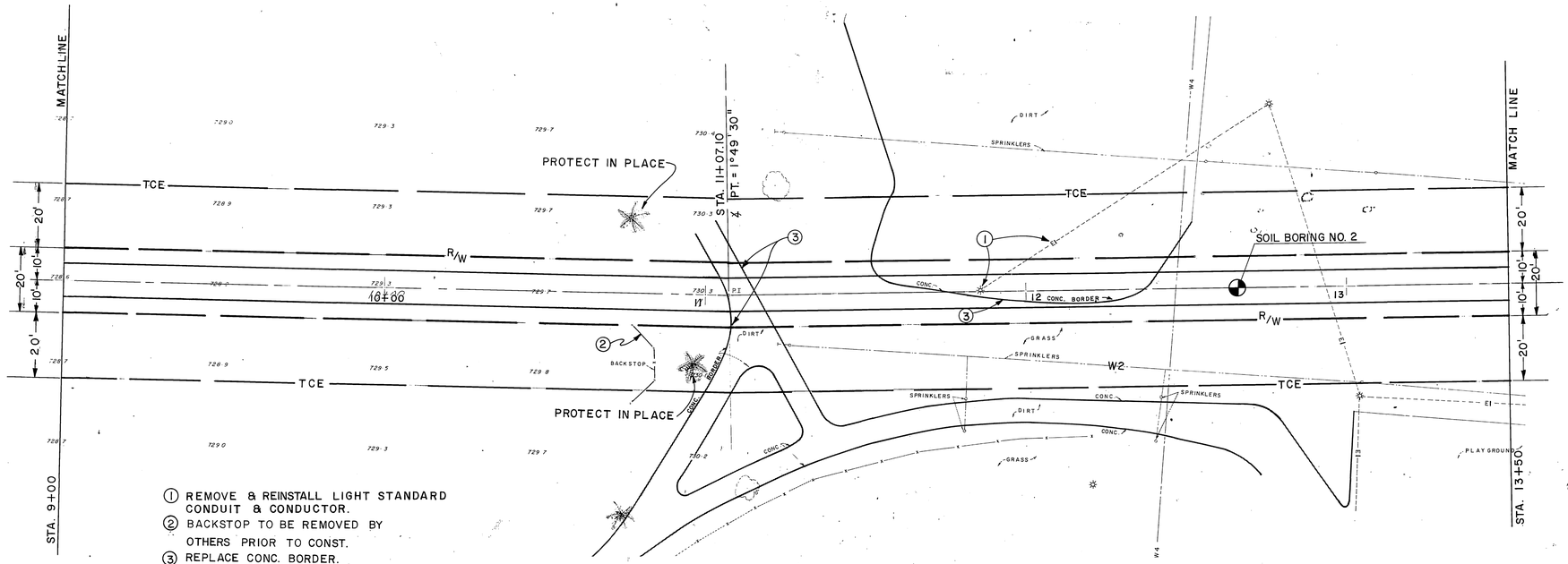



CONNECTOR PIPE PROFILE

5' 0 5'

PLAN VIEW SHEET NO. 6

STA. 18+42

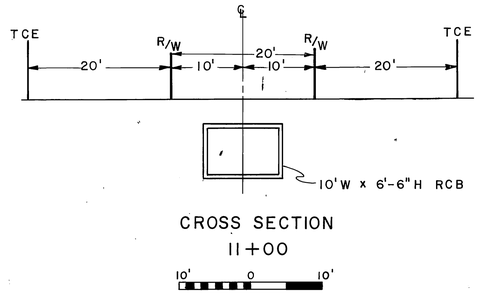



① REMOVE & REINSTALL LIGHT STANDARD CONDUIT & CONDUCTOR.
② BACKSTOP TO BE REMOVED BY OTHERS PRIOR TO CONST.
③ REPLACE CONC. BORDER.
4. RCB STRUCTURAL DETAILS SHEET NO. 29.

## PLAN

1" = 20'

20' 0 20'




CROSS SECTION
11+00

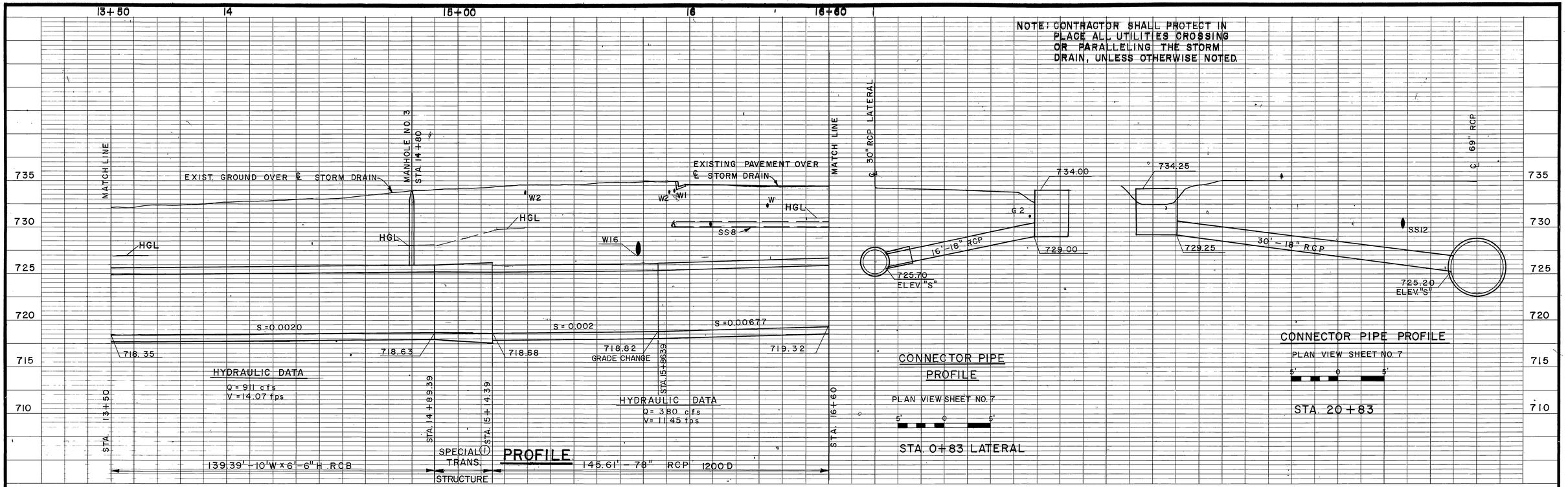
10' 0 10'

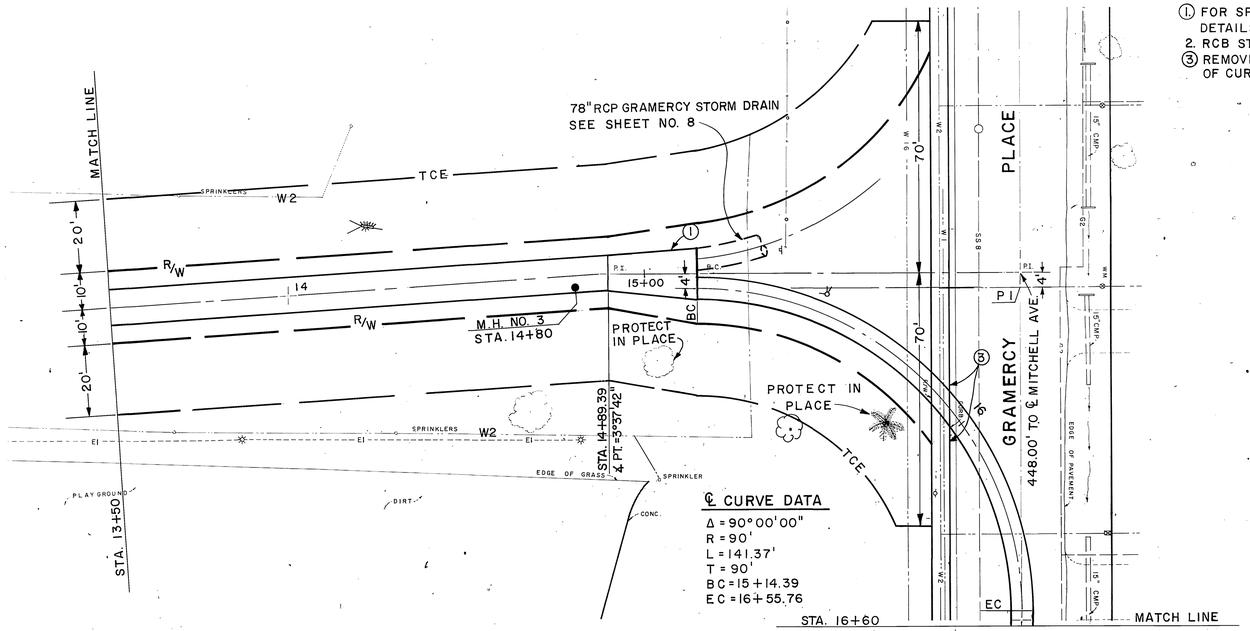
| | | | |
|---|---|---|---|
| BENCH MARK SEE SHEET NO. 2 | REVISIONS | RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT | LA SIERRA CHANNEL<br>MITCHELL AVENUE STORM DRAIN<br>STAGE I<br>STA. 9+00 TO STA. 13+50<br>1970 STORM DRAIN BOND ISSUE PROJECT NO. 19 |
| SCALE: | | DESIGNED BY: A. PRIVITT<br>DRAWN BY: S. Moody<br>DATE DRAWN:<br>CHECKED BY: A.G.K. | APPROVED BY:<br>John W. Basquant<br>CHIEF ENGINEER R.E. NO. 8822<br>DATE: 12-3-73 |
| DATE: | C REF. No Change — DESCRIPTION — APPR. DATE | | |

PROJECT NO. 1-0-065
DRAWING NO. 1-295
SHEET NO. 4 OF 37

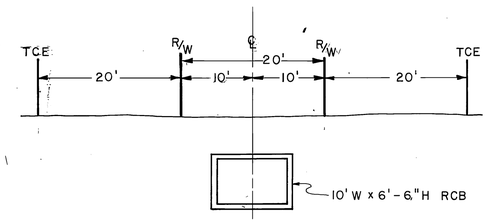
AS BUILT

D-285

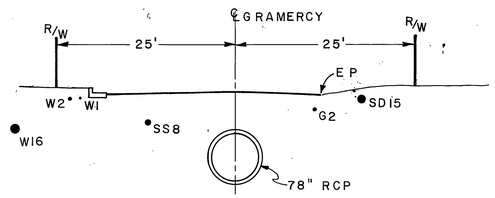



① FOR SPECIAL TRANSITION STRUCTURE DETAILS SEE SHEET NO. 11 & SHEET NO. 29
2. RCB STRUCTURAL DETAILS SHEET NO. 29.
③ REMOVE AND REPLACE INTERFERING PORTIONS OF CURB AND GUTTER.




CROSS SECTION
STA. 14+00




CROSS SECTION
STA. 16+60
10' 0 10'

| | | |
|---|---|---|
| BENCH MARK: SEE SHEET NO. 7. | REVISIONS | RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT |
| SCALE: | | DESIGNED BY: A. PRIVITT — APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822 |
| DATE: | REF. / DESCRIPTION / APPR. / DATE: No Change | DRAWN BY: S. Moody — DATE DRAWN: — CHECKED BY: A.G.K. — DATE: 12-3-73 |

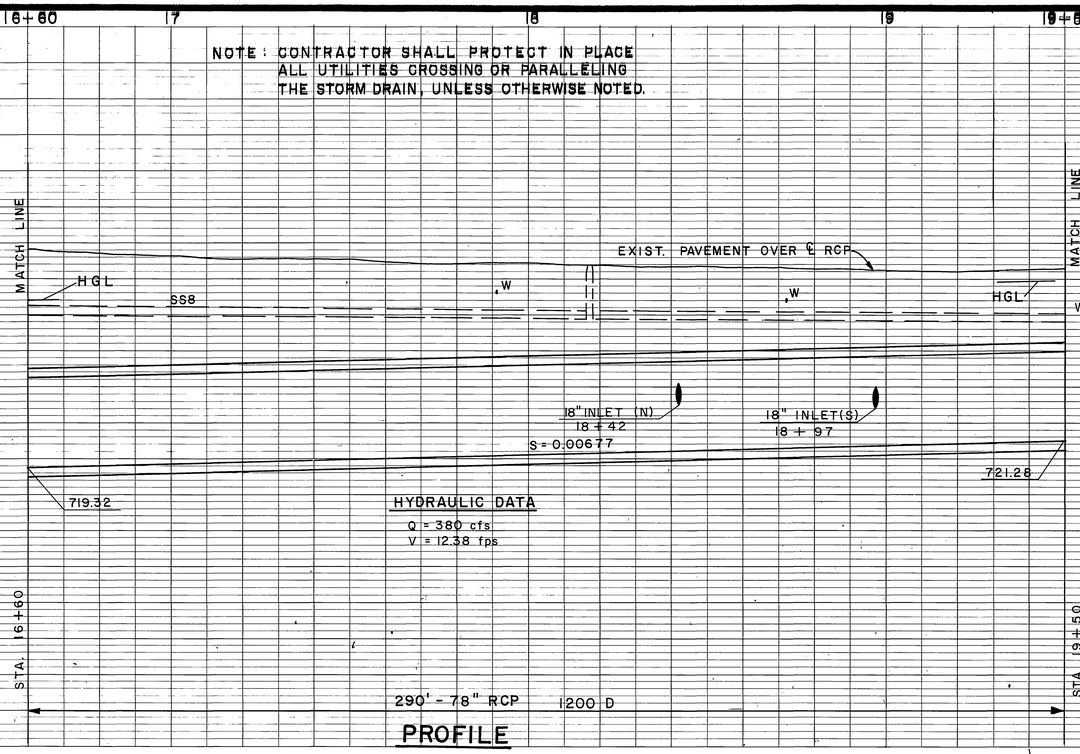
LA SIERRA CHANNEL
MITCHELL AVENUE STORM DRAIN
STAGE I
STA. 13+50 TO STA. 16+60
1970 STORM DRAIN BOND ISSUE PROJECT NO. 19

PROJECT NO. 1-0-065
DRAWING NO. 1-295
SHEET NO. 5 OF 37

AS BUILT

D285

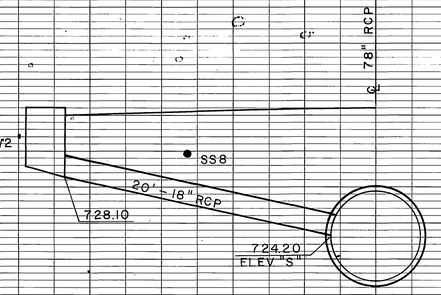
NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN, UNLESS OTHERWISE NOTED.




## PROFILE

## HYDRAULIC DATA

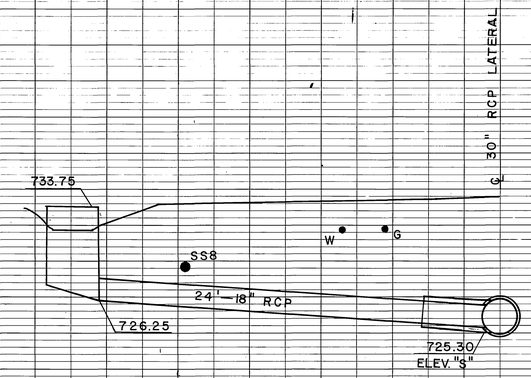
Q = 380 cfs
V = 12.38 fps




## CONNECTOR PIPE PROFILE

5' 0 5'

STA. 18+97




## CONECTOR PIPE PROFILE

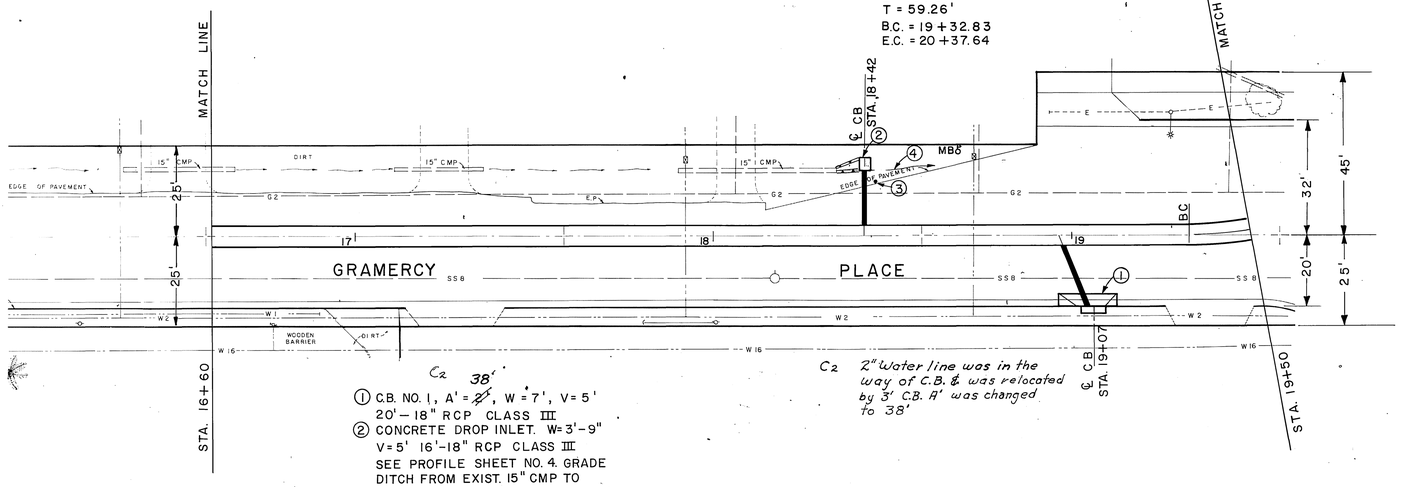
PLAN VIEW SHEET NO. 7

5' 0 5'

STA. 0+91 LATERAL

## CURVE DATA

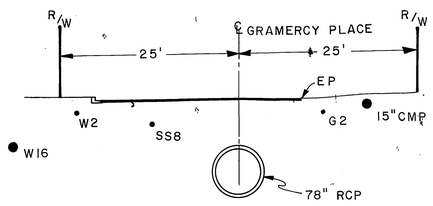
Δ = 66° 43' 25"
R = 90°
L = 104.81'
T = 59.26'
B.C. = 19+32.83
E.C. = 20+37.64




C2 38'

① C.B. NO. 1, A' = ~~2~~, W = 7', V = 5'
20'-18" RCP CLASS III
② CONCRETE DROP INLET. W = 3'-9"
V = 5' 16'-18" RCP CLASS III
SEE PROFILE SHEET NO. 4. GRADE DITCH FROM EXIST. 15" CMP TO CONCRETE DROP INLET.
③ INSTALL CLEARANCE MARKER.
④ FILL EXIST. DITCH TO DRAIN TO PAVEMENT.

C2 2" Water line was in the way of C.B. & was relocated by 3' C.B. A' was changed to 38'




## CROSS SECTION

STA. 18+00

10' 0 10'

## PLAN

1"=20'

20' 0 20'

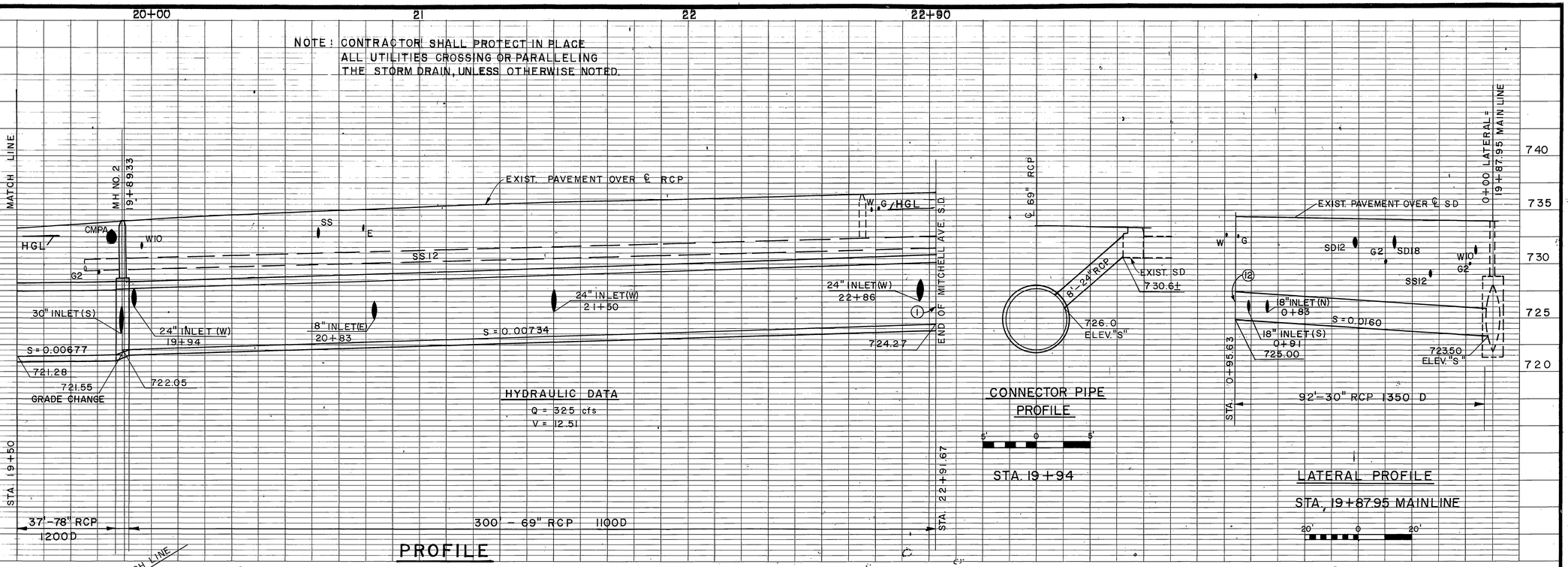
| | | | |
|---|---|---|---|
| BENCH MARK: SEE SHEET NO. 7 | REVISIONS | RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT | LA SIERRA CHANNEL |
| SCALE: | | DESIGNED BY: A. PRIVITT | MITCHELL AVENUE STORM DRAIN STAGE I |
| DATE: | C2 C.B No. 1, A' see note QKV 11-27-72 (REF. / DESCRIPTION / APPR. / DATE) | DRAWN BY: S. Moody | STA. 16+60 TO STA. 19+50 |
| | | DATE DRAWN: | 1970 STORM DRAIN BOND ISSUE PROJECT NO. 19 |
| | | CHECKED BY: A.G.K. | APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822, DATE: 12-5-72 |

PROJECT NO. 1-0-065
DRAWING NO. 1-295
SHEET NO. 6 OF 37

AS BUILT

D-285

NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN, UNLESS OTHERWISE NOTED.




## HYDRAULIC DATA

Q = 325 cfs
V = 12.51

## PROFILE

## CONNECTOR PIPE PROFILE

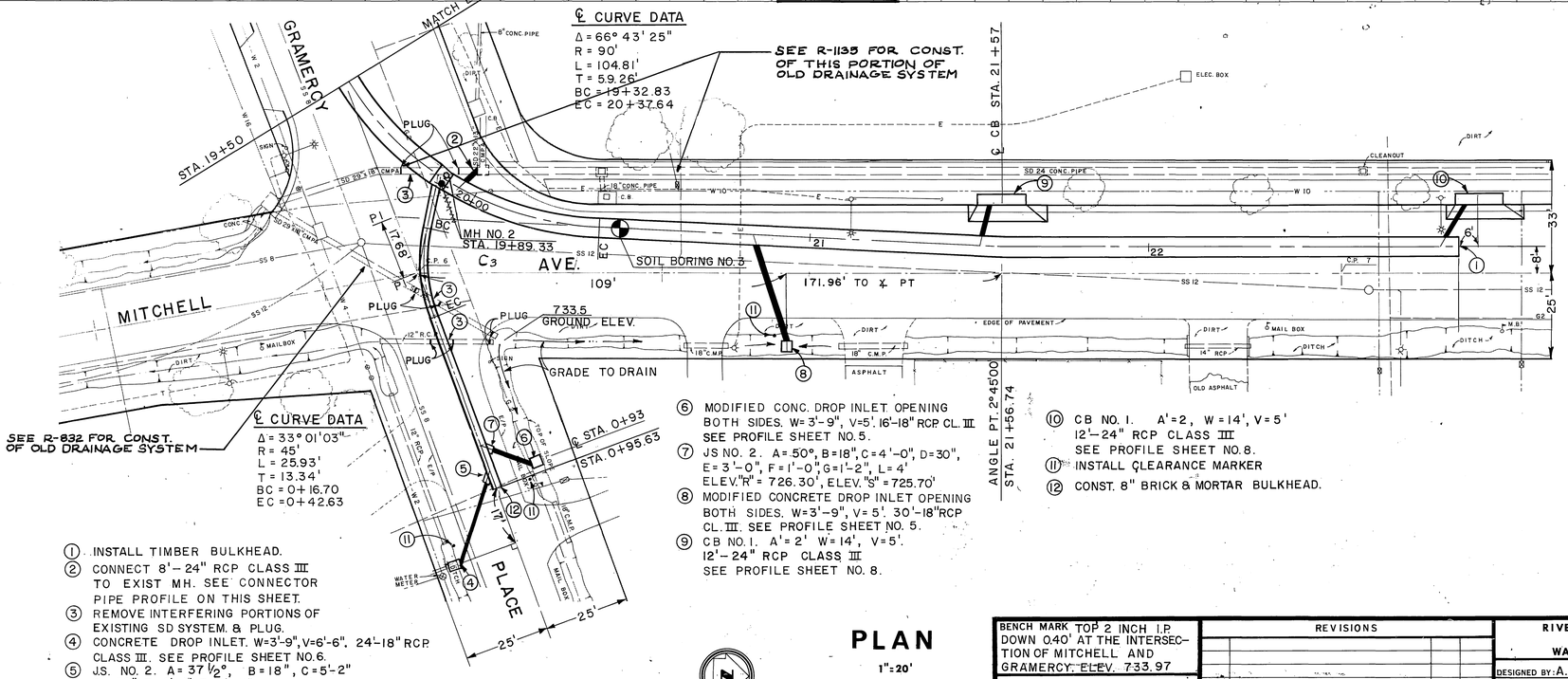
5' 0 5'

STA. 19+94

## LATERAL PROFILE

STA. 19+87.95 MAINLINE

20' 0 20'

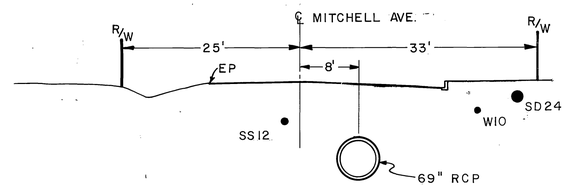



① INSTALL TIMBER BULKHEAD.
② CONNECT 8'-24" RCP CLASS III TO EXIST MH. SEE CONNECTOR PIPE PROFILE ON THIS SHEET.
③ REMOVE INTERFERING PORTIONS OF EXISTING SD SYSTEM. & PLUG.
④ CONCRETE DROP INLET. W=3'-9", V=6'-6". 24'-18" RCP CLASS III. SEE PROFILE SHEET NO. 6.
⑤ J.S. NO. 2. A= 37 ½°, B=18", C=5'-2" D= 30", E=4'-1", F=1'-3", G=1'-1" L= 4'-2", ELEV. "R"= 725.50 ELEV. "S" =725.30
⑥ MODIFIED CONC. DROP INLET OPENING BOTH SIDES. W= 3'-9", V=5'. 16'-18" RCP CL. III SEE PROFILE SHEET NO. 5.
⑦ J.S. NO. 2. A=.50°, B=18", C=4'-0", D=30", E=3'-0", F=1'-0", G=1'-2", L= 4' ELEV."R" = 726.30', ELEV. "S" = 725.70'
⑧ MODIFIED CONCRETE DROP INLET OPENING BOTH SIDES. W=3'-9", V= 5'. 30'-18" RCP CL. III. SEE PROFILE SHEET NO. 5.
⑨ C.B. NO. 1. A'= 2' W= 14', V= 5'. 12'-24" RCP CLASS III SEE PROFILE SHEET NO. 8.
⑩ C.B. NO. 1. A'=2, W = 14', V= 5' 12'-24" RCP CLASS III SEE PROFILE SHEET NO. 8.
⑪ INSTALL ℄LEARANCE MARKER
⑫ CONST. 8" BRICK & MORTAR BULKHEAD.

## PLAN

1"=20'

20' 0 20'




## CROSS SECTION

STA. 22+00

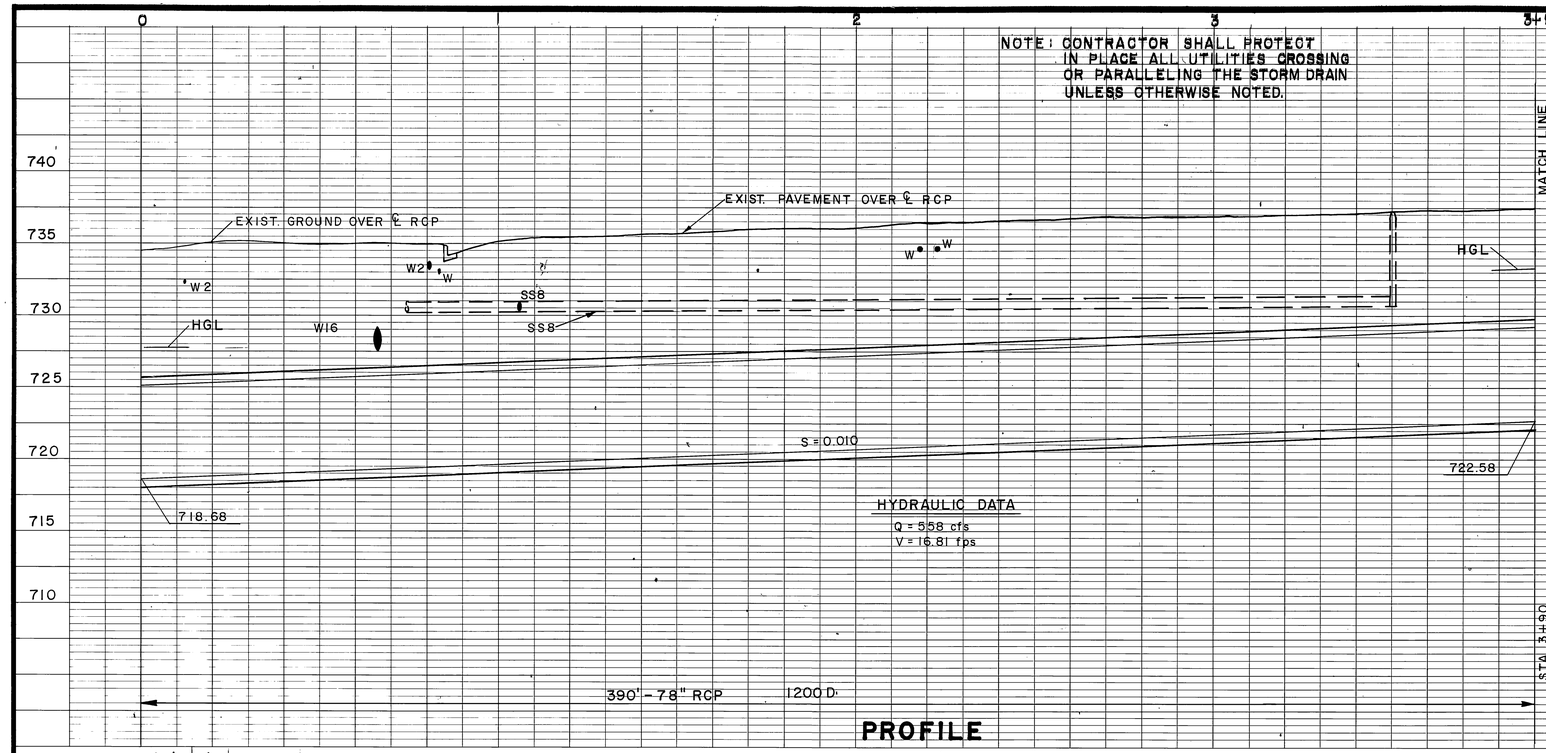
10' 0 10'

| | | | | | |
|---|---|---|---|---|---|
| BENCH MARK TOP 2 INCH I.P. DOWN 0.40' AT THE INTERSECTION OF MITCHELL AND GRAMERCY. ELEV. 733.97 | REVISIONS | | | RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT | LA SIERRA CHANNEL MITCHELL AVENUE STORM DRAIN ℄ STAGE I STA. 19+50 TO STA. 22+91.67 STA. 0+00 TO STA. 0+95.63 LATERAL 1970 STORM DRAIN BOND ISSUE PROJECT NO. 19 | PROJECT NO. 1-0-065 |
| SCALE: | | | | DESIGNED BY: A. PRIVITT | | DRAWING NO. 1-295 |
| DATE: | C3 | M.H. No 2 Moved over | 11-27-74 | DRAWN BY: S. Moody | | SHEET NO. 7 OF 37 |
| | REF. | DESCRIPTION | APPR. DATE | DATE DRAWN: | | |
| | | | | CHECKED BY: A.G.K. | APPROVED BY: John W. Basquez CHIEF ENGINEER-R.E. NO. 8822 DATE: 12-3-73 | |

AS BUILT

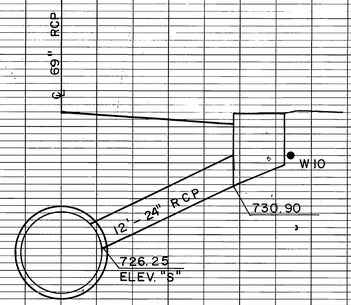
D-285

NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN UNLESS OTHERWISE NOTED.




HYDRAULIC DATA
Q = 558 cfs
V = 16.81 fps

## PROFILE

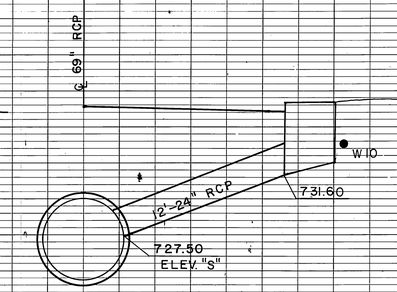



CONNECTOR PIPE PROFILE

PLAN VIEW SHEET NO. 7

5' 0 5'

STA. 21+50



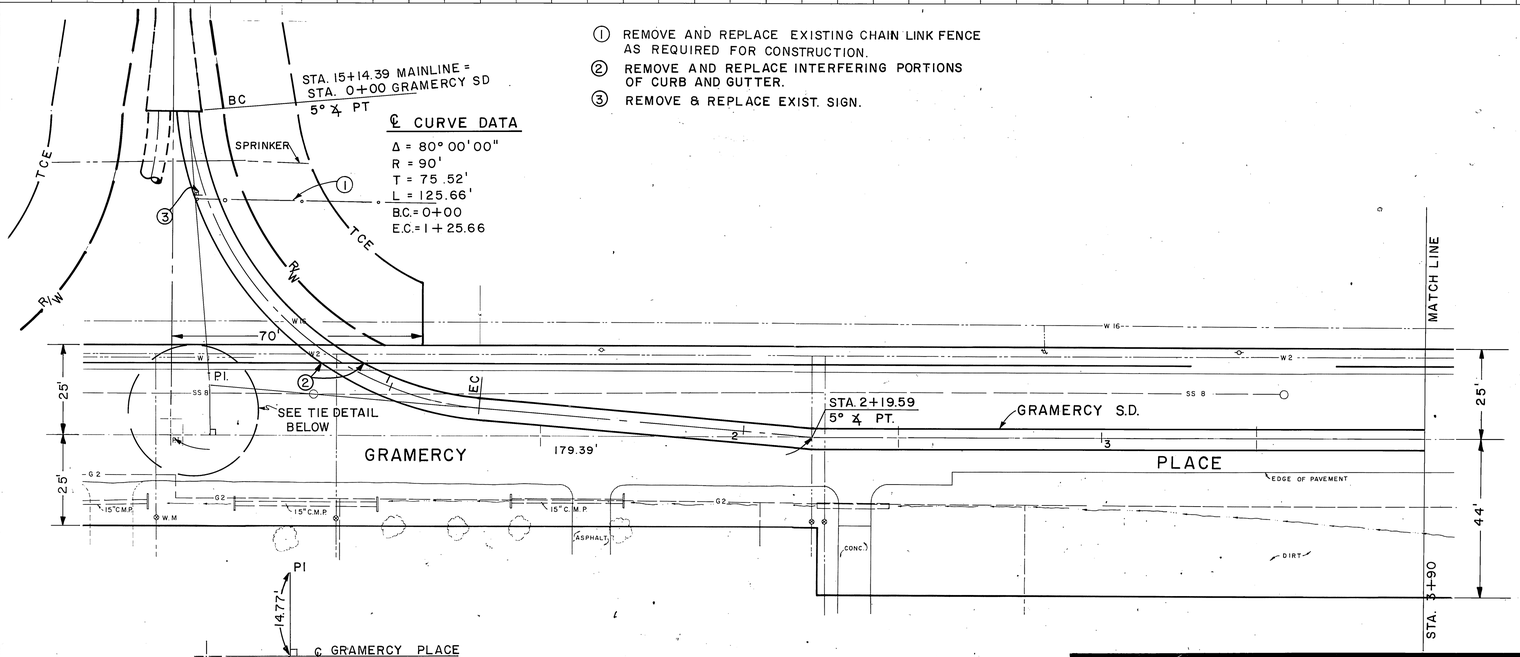

CONNECTOR PIPE PROFILE

PLAN VIEW SHEET NO. 7

5' 0 5'

STA. 22+86

① REMOVE AND REPLACE EXISTING CHAIN LINK FENCE AS REQUIRED FOR CONSTRUCTION.
② REMOVE AND REPLACE INTERFERING PORTIONS OF CURB AND GUTTER.
③ REMOVE & REPLACE EXIST. SIGN.

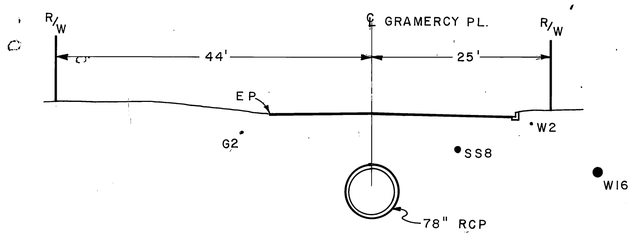



TIE DETAIL
NO SCALE

## PLAN

1"=20'

20' 0 20'




CROSS SECTION
STA. 3+00

10' 0 10'

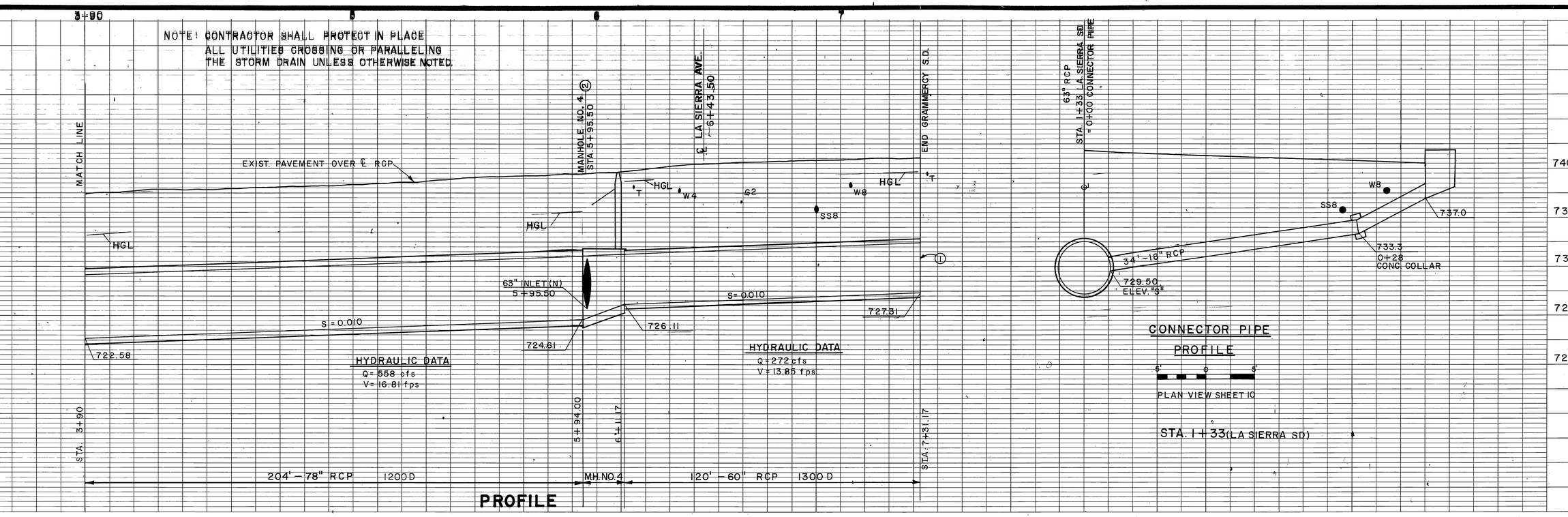
| | | | |
|---|---|---|---|
| BENCH MARK: SEE SHEET NO. 9. | REVISIONS | RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT | LA SIERRA CHANNEL<br>MITCHELL AVENUE STORM DRAIN<br>STAGE I<br>STA. 0+00 TO STA. 3+90<br>1970 STORM DRAIN BOND ISSUE PROJECT NO. 19 |
| SCALE: | No Change | DESIGNED BY: A. PRIVITT | APPROVED BY: John W. Basset, CHIEF ENGINEER R/E NO. 8822 |
| DATE: | REF. DESCRIPTION APPR. DATE | DRAWN BY: S. Moody | DATE: 12-3-73 |
| | | DATE DRAWN: | |
| | | CHECKED BY: A.G.K. | |

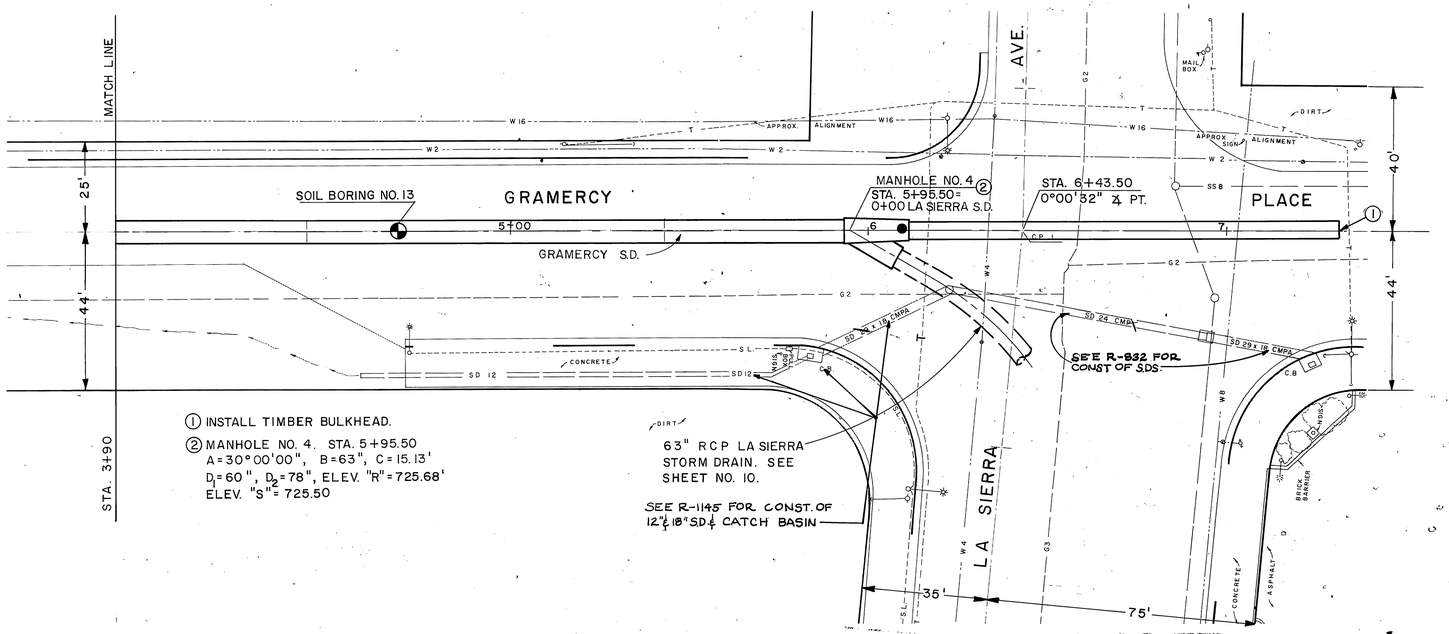
PROJECT NO. 1-0-065
DRAWING NO. 1-295
SHEET NO. 8 OF 37

AS BUILT

D-285

NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN UNLESS OTHERWISE NOTED.

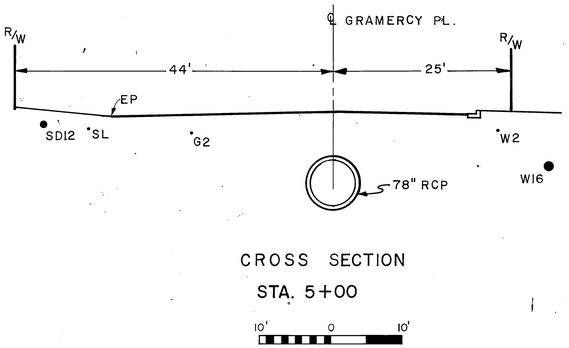



PLAN

1"=20'

20' 0 20'




CROSS SECTION

STA. 5+00

10' 0 10'

| | |
|---|---|
| BENCH MARK 1 1/4" I.P. 0.16' BELOW SURFACE AT GRAMERCY AND LA SIERRA AVE. CP NO. 1 ELEV. 740.25 | |
| SCALE: | |
| DATE: | |

| REVISIONS | | | |
|---|---|---|---|
| REF. | DESCRIPTION | APPR. | DATE |
| | No Change | | |

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: A. PRIVITT
DRAWN BY: S. Moody
DATE DRAWN:
CHECKED BY: A.G.K.

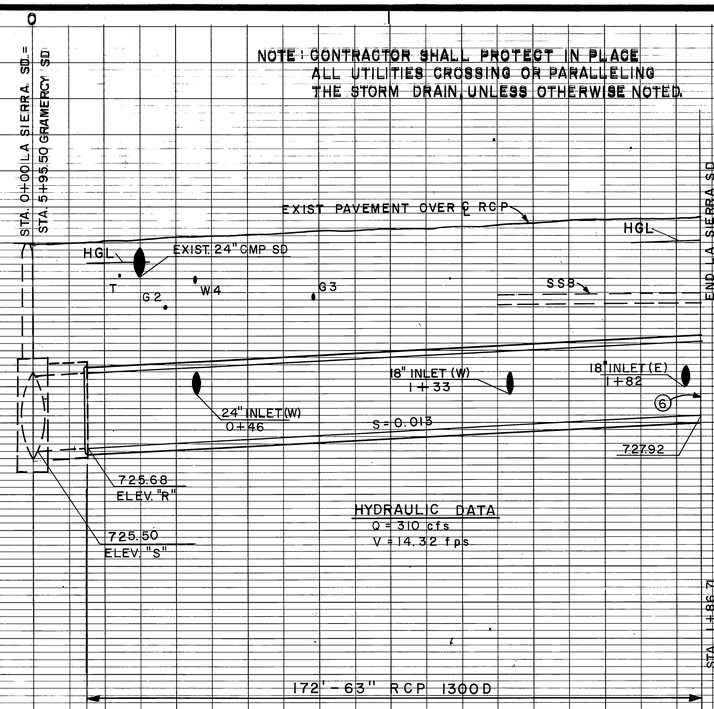
APPROVED BY:
CHIEF ENGINEER R.E. NO. 8822
DATE: 12-3-73

LA SIERRA CHANNEL
MITCHELL AVENUE STORM DRAIN
STAGE I
STA. 3+90 TO STA. 7+31.17
1970 STORM DRAIN BOND ISSUE PROJECT NO. 19

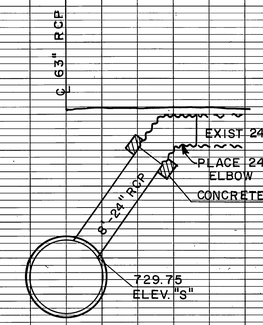
PROJECT NO. 1-0-065
DRAWING NO. 1-295
SHEET NO. 9 OF 37

D-285

NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN, UNLESS OTHERWISE NOTED.



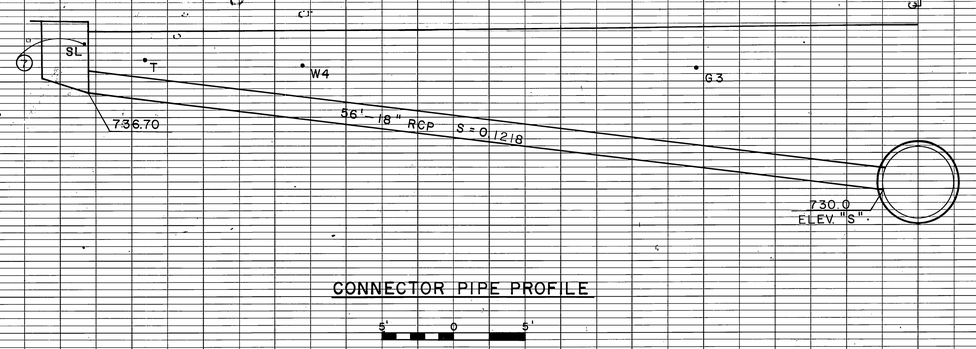

## PROFILE




## CONNECTOR PIPE PROFILE

5' 0 5'

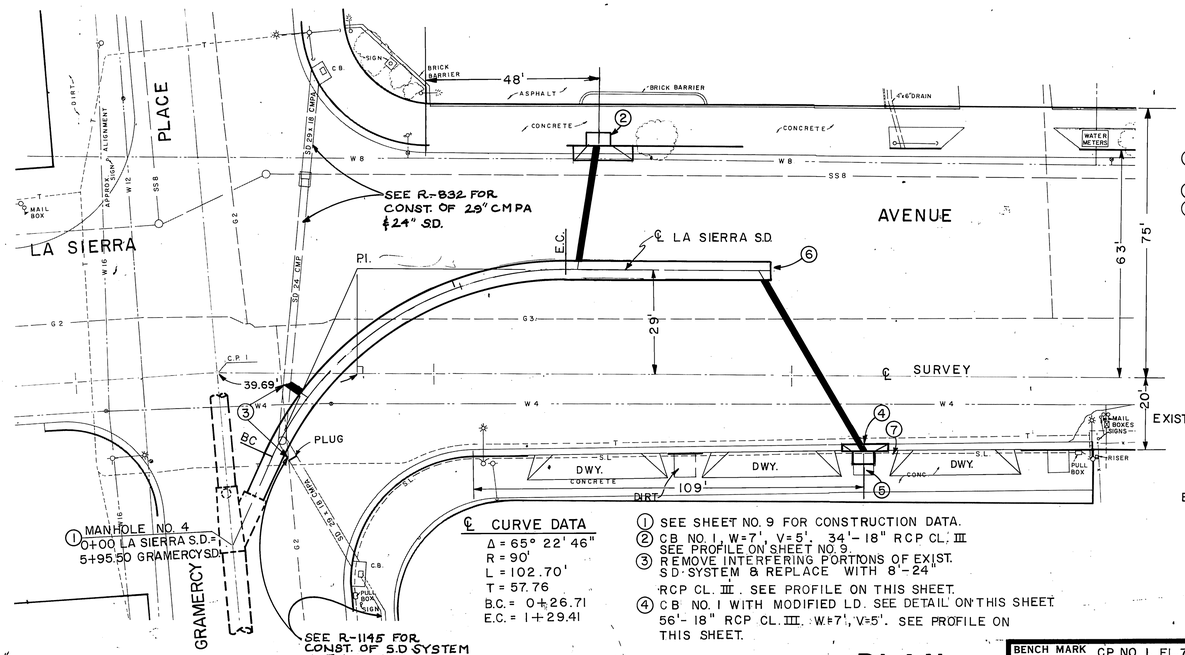
STA. 0+46 (LA SIERRA S.D.)




## CONNECTOR PIPE PROFILE

5' 0 5'

STA. 1+82 (LA SIERRA SD)




## ℄ CURVE DATA

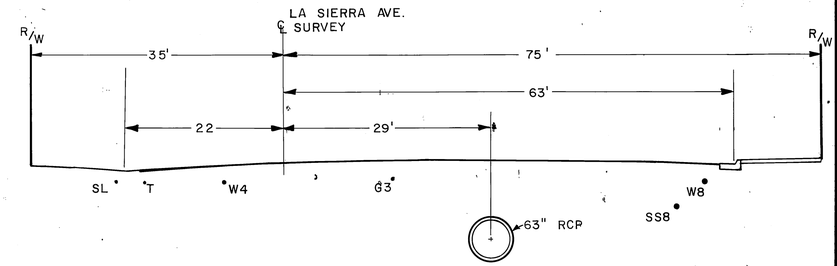
Δ = 65° 22' 46"
R = 90'
L = 102.70'
T = 57.76
B.C. = 0+26.71
E.C. = 1+29.41

1. SEE SHEET NO. 9 FOR CONSTRUCTION DATA.
2. C.B. NO. 1, W=7', V=5'. 34'-18" RCP CL. III SEE PROFILE ON SHEET NO. 9.
3. REMOVE INTERFERING PORTIONS OF EXIST. S.D. SYSTEM & REPLACE WITH 8'-24" RCP CL. III. SEE PROFILE ON THIS SHEET.
4. C.B. NO. 1 WITH MODIFIED L.D. SEE DETAIL ON THIS SHEET. 56'-18" RCP CL. III. W=7', V=5'. SEE PROFILE ON THIS SHEET.
5. PLACE 4" CONC. TO FILL REMAINING TREE WELL.
6. INSTALL TIMBER BULKHEAD.
7. RELOCATE S.L. AROUND C.B.

## PLAN

1"=20'

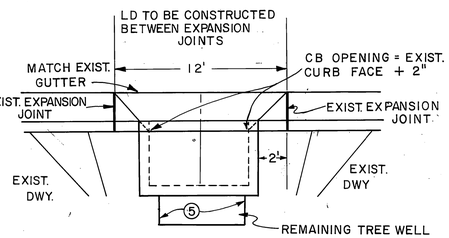
20' 0 20'




## CROSS SECTION

STA. 1+50

5' 0 5'




## MODIFIED L.D.

5' 0 5'

BENCH MARK C.P. NO. 1. EL. 740.25
SEE SHEET NO. 9.

SCALE:

DATE:

| REVISIONS | | | |
|---|---|---|---|
| REF. | DESCRIPTION | APPR. | DATE |
| | No Change | | |

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: A. PRIVITT
DRAWN BY: S. Moody
DATE DRAWN:
CHECKED BY: A.G.K.

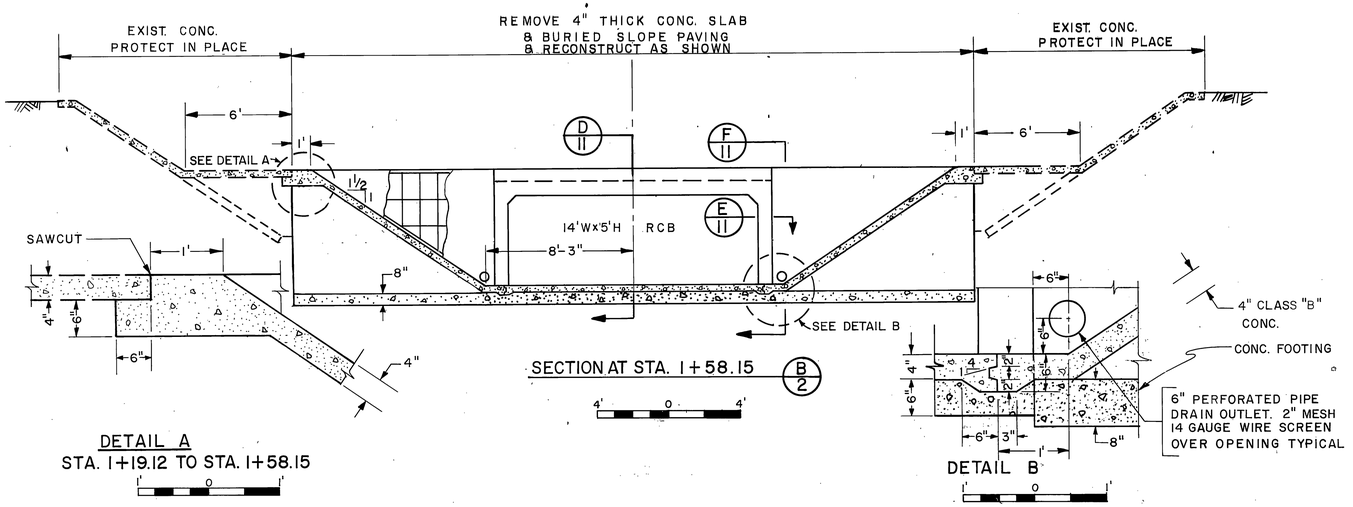
APPROVED BY:
John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 12-3-73

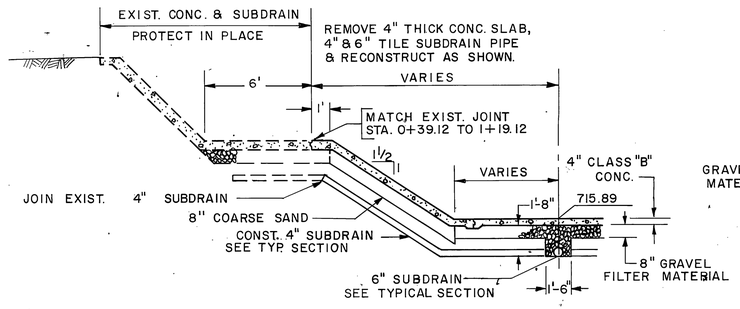
LA SIERRA CHANNEL
MITCHELL AVENUE STORM DRAIN
STAGE I
STA. 0+00 TO STA. 1+87.13
1970 STORM DRAIN BOND ISSUE PROJECT NO. 19

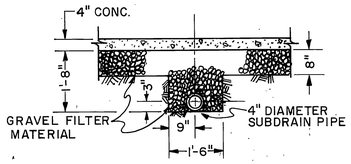
PROJECT NO. 1-0-065
DRAWING NO. 1-295
SHEET NO. 10 OF 37

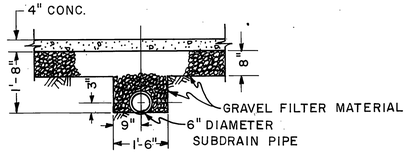
AS BUILT

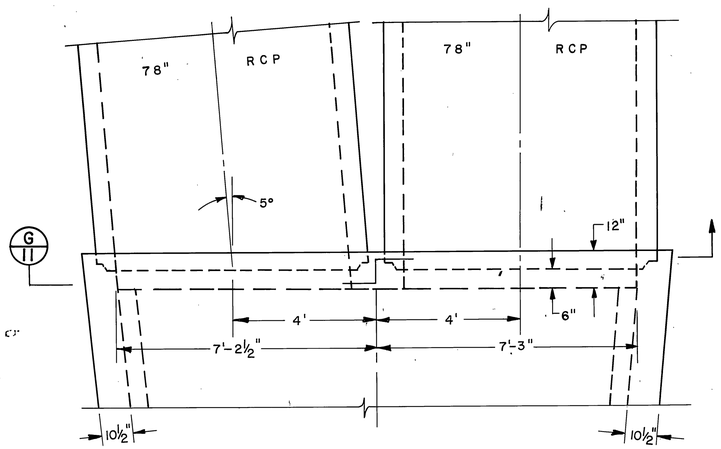
D-285

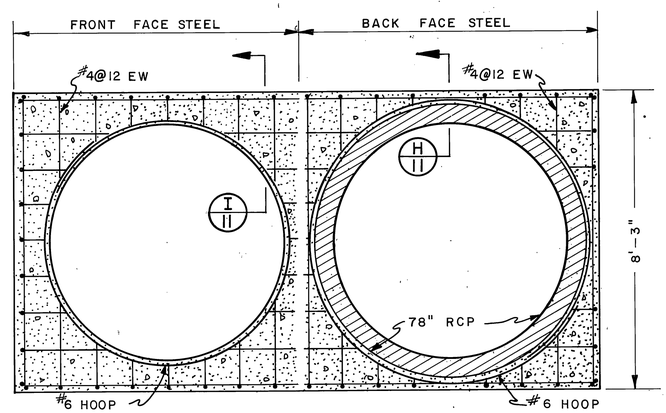


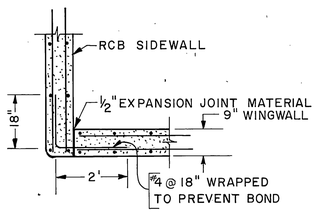



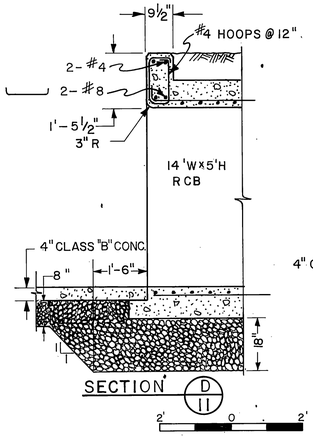



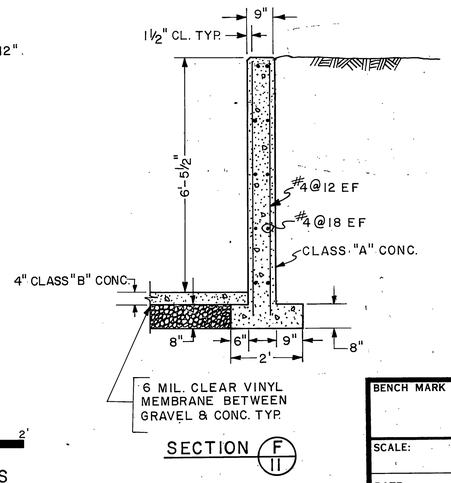



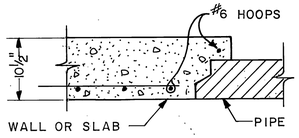



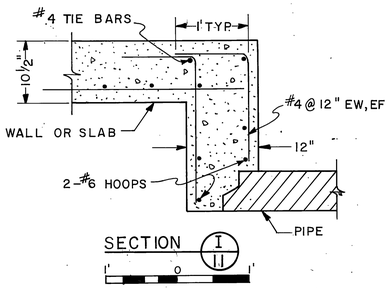



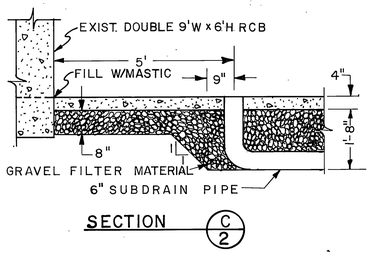




CHANNEL DETAILS

| | | | | | |
|---|---|---|---|---|---|
| BENCH MARK | REVISIONS | | | RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT | LA SIERRA CHANNEL MITCHELL AVENUE STORM DRAIN STAGE I DETAILS 1970 STORM DRAIN BOND ISSUE PROJECT NO. 19 | PROJECT NO. 1-0-065 |
| | | | | DESIGNED BY: J H | | DRAWING NO. 1-295 |
| SCALE: | | | | DRAWN BY: S. Moody | APPROVED BY: John W. Bryant CHIEF ENGINEER R.E. NO. 8822 | SHEET NO. 11 OF 37 |
| DATE: | No Change | | | DATE DRAWN: | DATE: 12-3-73 | |
| | REF. DESCRIPTION | APPR. | DATE | CHECKED BY: | | |

AS BUILT

D-285