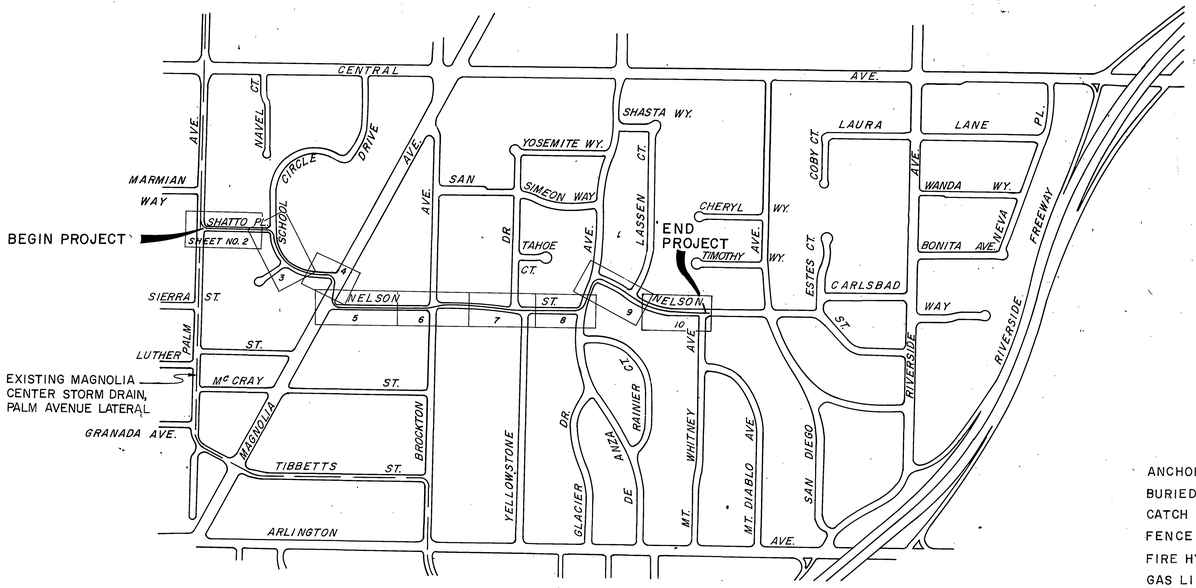
RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

LOCATION MAP



ABBREVIATIONS

PT.	ANGLE POINT	J. S.	JUNCTION STRUCTURE
B. C.	BEGIN CURVE	LT.	LEFT
C. B.	CATCH BASIN	M. B.	MAIL BOX
C. F.	CURB FACE	M. H.	MANHOLE
C.F.S.	CUBIC FEET PER SECOND	PCC	POINT OF COMPOUND CURVATURE
CL.	CLASS	PI	POINT OF INTERSECTION
CO	CLEAN OUT	RCP	REINFORCED CONCRETE PIPE
CP	CONTROL POINT	RT	RIGHT
DI	DROP INLET	R/W	RIGHT OF WAY
EC	END CURVE	SD	STORM DRAIN
E/P	EDGE OF PAVEMENT	S/W	SIDEWALK
FPS	FEET PER SECOND	TCE	TEMPORARY CONSTRUCTION EASEMENT

LEGEND

ANCHOR & POLE	⟵○
BURIED TELEPHONE CABLE	— — T — —
CATCH BASIN	▭
FENCE (CHAIN LINK EXIST)	—x—x—
FIRE HYDRANT	+○+
GAS LINE	— —G3— — —
MANHOLE	○
MULTIPLE TELEPHONE DUCT	— — — MTD — —
POWER POLE	-○-
RIGHT OF WAY (FLOOD CONTROL)	——R/W——
SANITARY SEWER LINE	— ——SS8——
SOIL TEST BORINGS	◔
STORM DRAIN LINE	— SD36— — —
STREET LIGHT STANDARD	○—☼
STREET LIGHT UNDERGROUND	— — —SL— — —
STREET RIGHT OF WAY	———
STREET SIGNAL CABLE	— — —SIG— —
TEMPORARY CONST. EASEMENT	——TCE——
TREE (OTHER THAN PALM)	✿
TREE (PALM)	✿
WATER LINE	——— —W6—
WATER METER	⊠
WATER VALVE	⊗

GENERAL NOTES

1. TIES FOR CATCH BASINS AS SHOWN ON THE DRAWINGS ARE FROM THE CURB RETURN TO CENTER LINE 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, EXCEPT MAGNOLIA AVE. WHICH WILL BE 6"A.C. & 6"BASE.

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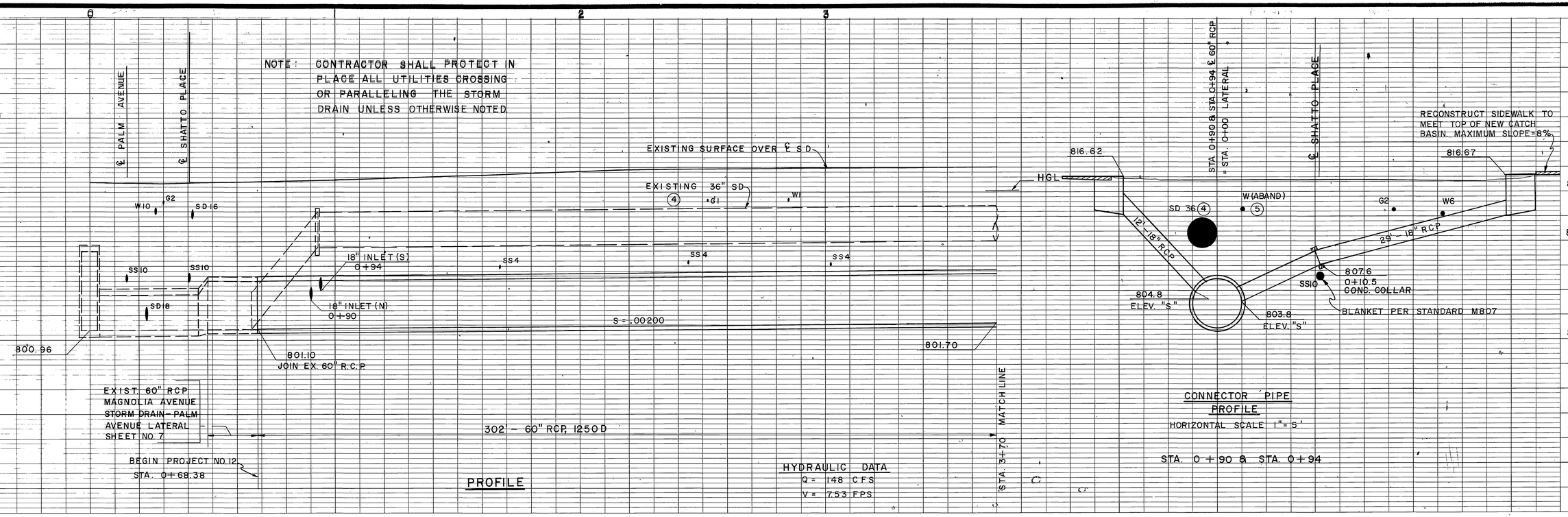
BENCH MARK	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	MAGNOLIA CENTER STORM DRAIN
SCALE:	C General Notes REF. DESCRIPTION — APPR. DATE	DESIGNED BY: A. G. K. / DRAWN BY: S. Moody / DATE DRAWN: / CHECKED BY:	NELSON STREET LATERAL
DATE:		APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822 / DATE: 1-30-73	TITLE SHEET
			1970 STORM DRAIN BOND ISSUE PROJECT NO. 12

PROJECT NO. 1.0-192
DRAWING NO. 1-288
SHEET NO. 1 OF 24

AS BUILT

D-269

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

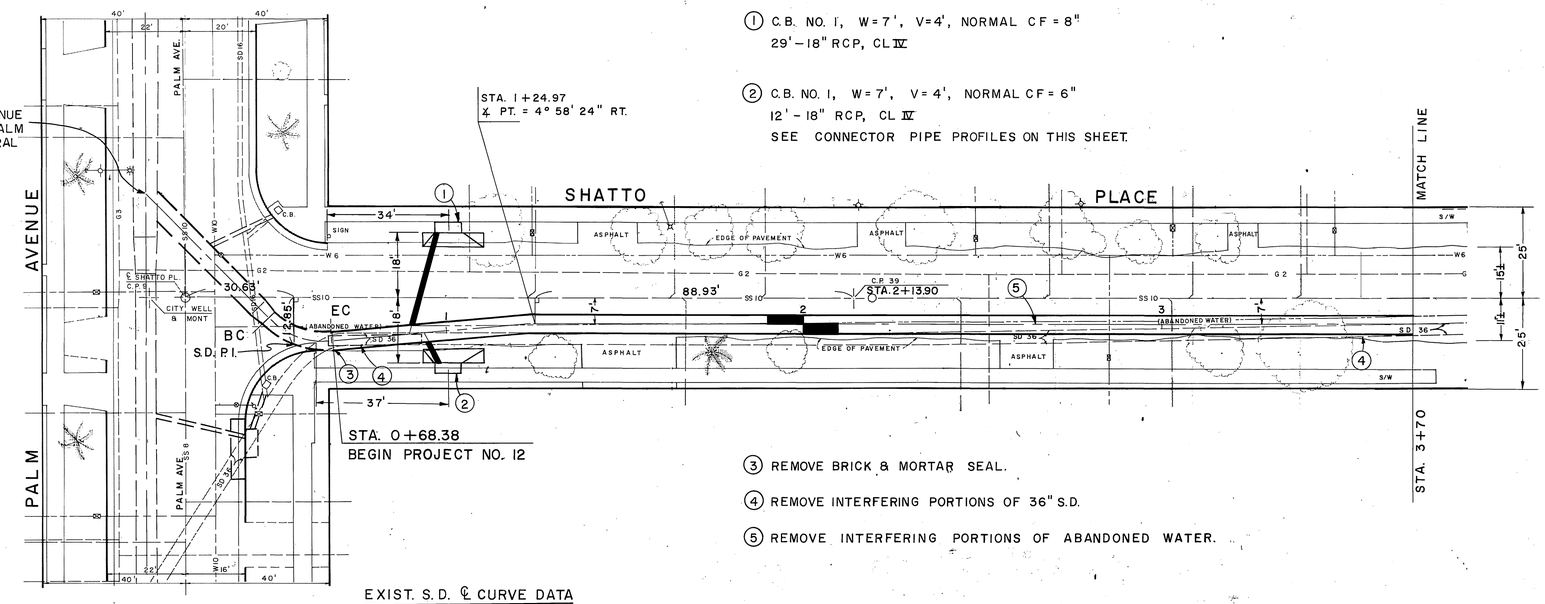


PROFILE

CONNECTOR PIPE PROFILE

HORIZONTAL SCALE 1"=5'

STA. 0 + 90 & STA. 0 + 94



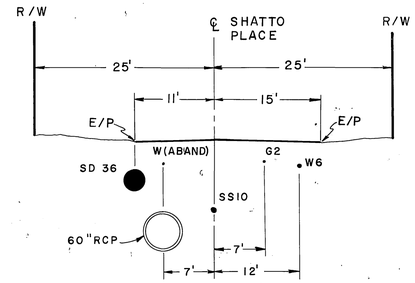
① C.B. NO. 1, W = 7', V = 4', NORMAL CF = 8"
29' - 18" RCP, CL IV

② C.B. NO. 1, W = 7', V = 4', NORMAL CF = 6"
12' - 18" RCP, CL IV
SEE CONNECTOR PIPE PROFILES ON THIS SHEET.

③ REMOVE BRICK & MORTAR SEAL.

④ REMOVE INTERFERING PORTIONS OF 36" S.D.

⑤ REMOVE INTERFERING PORTIONS OF ABANDONED WATER.



SECTION AT STA 1+90

EXIST. S.D. ℄ CURVE DATA

Δ = 50° 00' 00"
R = 22.50'
L = 19.64'
T = 10.49'
BC = 0+48.38
EC = 0+68.02

PLAN

1"=20'

BENCH MARK C.P. 39
SET NAIL & RCFC TAG W OF 4445 SHATTO 20 FT.
ELEV. 817.155

SCALE:

DATE:

REVISIONS

REF.	DESCRIPTION	APPR.	DATE
	No Change		

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: A.G.K.
DRAWN BY: L. Moody
DATE DRAWN:
CHECKED BY:

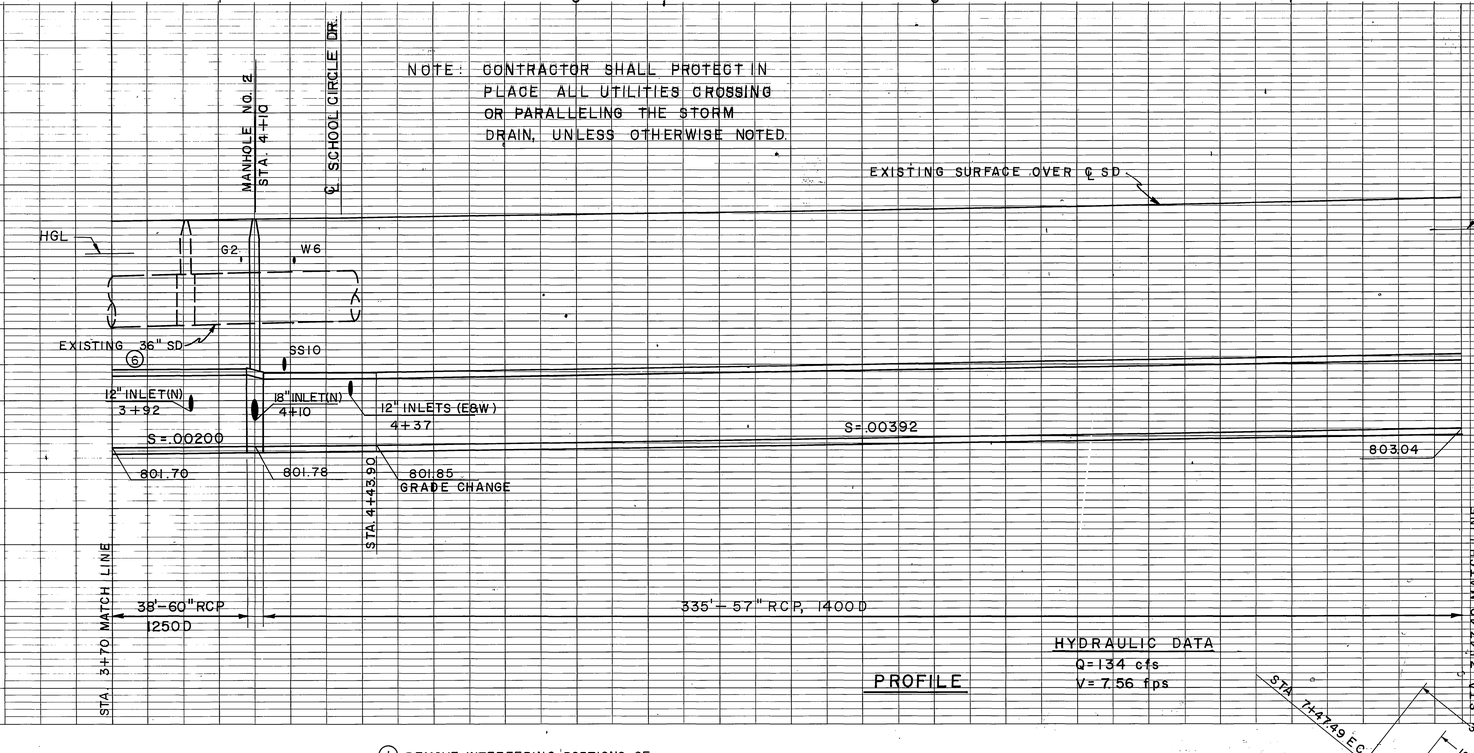
APPROVED BY:
John K. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 1-30-73

MAGNOLIA CENTER STORM DRAIN
NELSON STREET LATERAL
STA. 0+68.38 TO STA. 3+70
1970 STORM DRAIN BOND ISSUE PROJECT NO. 12

PROJECT NO. 1-0-192
DRAWING NO. 1-288
SHEET NO. 2 OF 24

D-269

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



PROFILE

HYDRAULIC DATA
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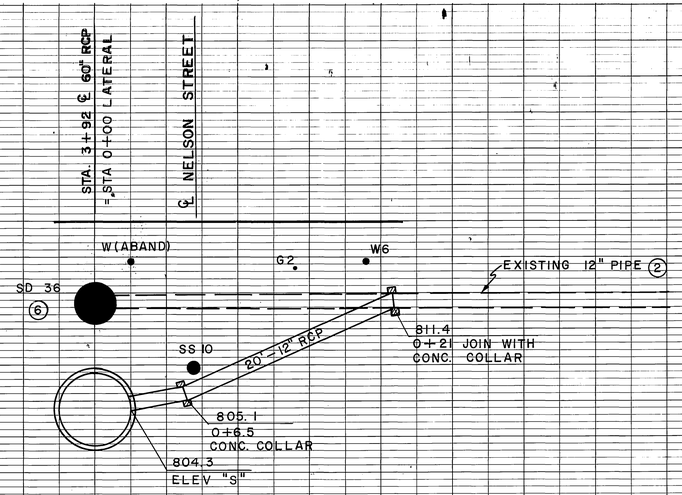
V=7.56 fps



CONNECTOR PIPE PROFILE

HORIZONTAL SCALE 1"=5'

STA. 3+92

(1) REMOVE INTERFERING PORTIONS OF ABANDONED WATER.

(2) REMOVE INTERFERING PORTIONS OF EXISTING 12" PIPE. REPLACE WITH 20'-12" RCP, CL IV, ON NEW GRADE. SEE CONNECTOR PIPE PROFILE ON THIS SHEET.

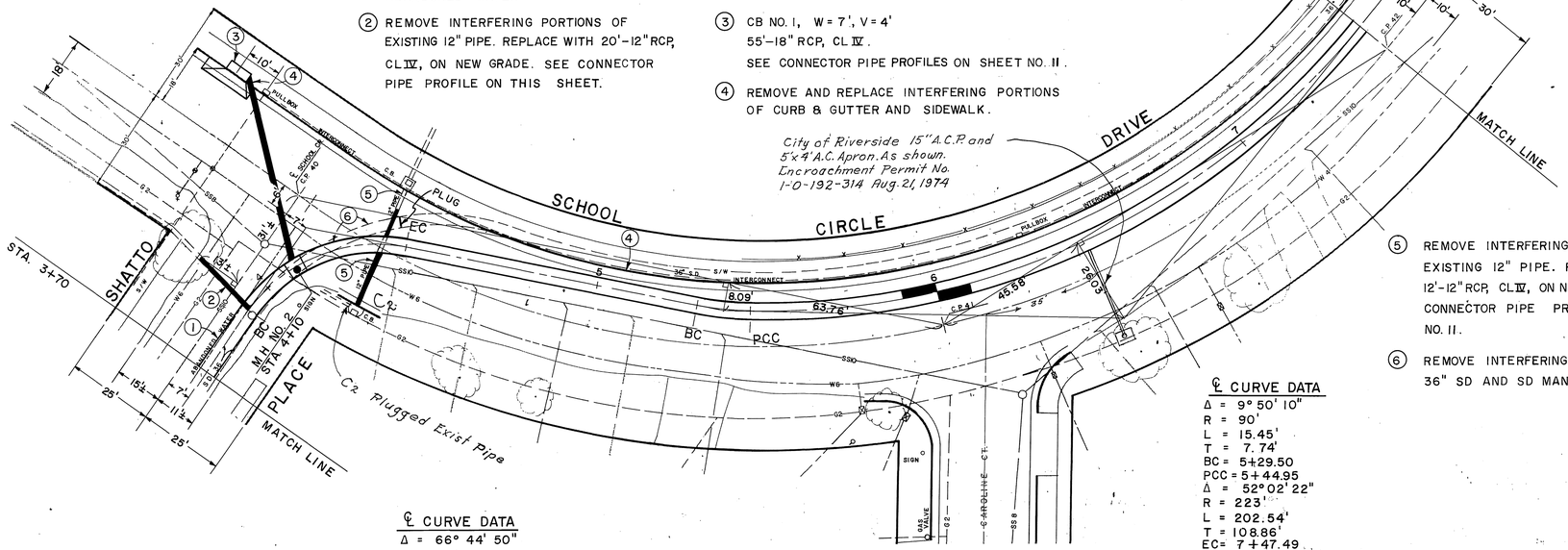
(3) CB NO. 1, W=7', V=4' 55'-18" RCP, CL IV. SEE CONNECTOR PIPE PROFILES ON SHEET NO. II.

(4) REMOVE AND REPLACE INTERFERING PORTIONS OF CURB & GUTTER AND SIDEWALK.

(5) REMOVE INTERFERING PORTIONS OF EXISTING 12" PIPE. REPLACE WITH 12'-12" RCP, CL IV, ON NEW GRADE. SEE CONNECTOR PIPE PROFILE ON SHEET NO. II.

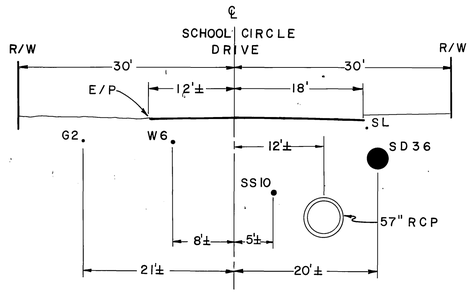
(6) REMOVE INTERFERING PORTIONS. OF 36" SD AND SD MANHOLE.

City of Riverside 15" A.C.P. and 5'x4' A.C. Apron. As shown. Encroachment Permit No. 1-0-192-314 Aug. 21, 1974



℄ CURVE DATA

℄ CURVE DATA



SECTION AT STA. 5+00

10' 0 10'

PLAN
1"=20'
20' 0 20'

BENCH MARK	CP 41 SET RCFC TAG ON CENTER OF SCHOOL CIRCLE FROM RADIUS POINT ELEV. 818.551
SCALE:	
DATE:	

REVISIONS

REF.	DESCRIPTION	APPR.	DATE
C2	Plugged Exist Pipe at C.B. CW		1-8-74

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

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

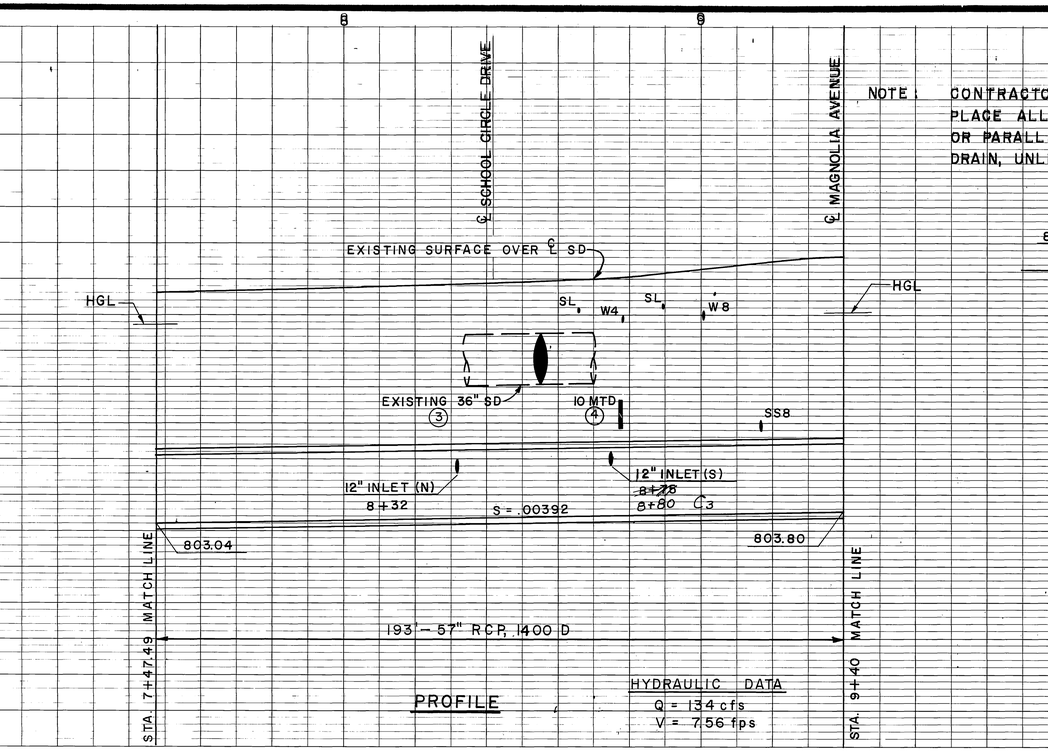
APPROVED BY:
John V. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 1-30-73

MAGNOLIA CENTER STORM DRAIN
NELSON STREET LATERAL
STA. 3+70 TO STA. 7+47.49
1970 STORM DRAIN BOND ISSUE PROJECT NO. 12

PROJECT NO. 1-0-192
DRAWING NO. 1-288
SHEET NO. 3 OF 24

AS BUILT

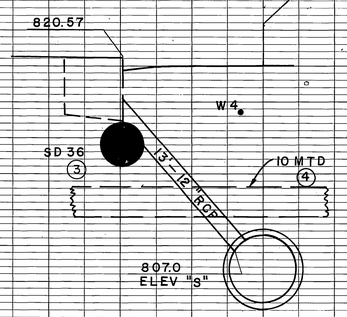
D-269



PROFILE

HYDRAULIC DATA
Q = 134 cfs
V = 7.56 fps

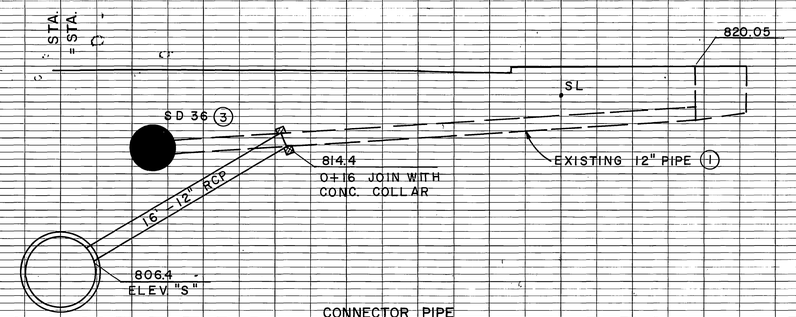
NOTE: CONTRACTOR SHALL PROTECT IN PLACE ALL UTILITIES CROSSING OR PARALLELING THE STORM DRAIN, UNLESS OTHERWISE NOTED.



CONNECTOR PIPE PROFILE

HORIZONTAL SCALE 1"=5'

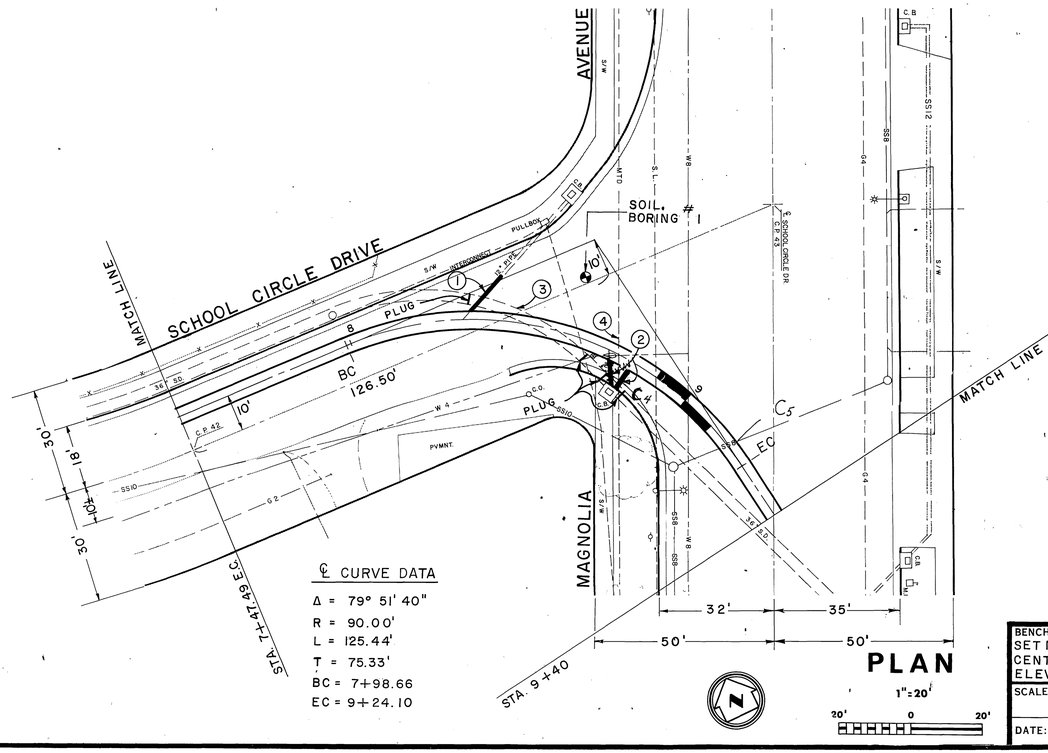
STA. 8+75



CONNECTOR PIPE PROFILE

HORIZONTAL SCALE 1"=5'

STA. 8+32



℄ CURVE DATA

Δ = 79° 51' 40"
R = 90.00'
L = 125.44'
T = 75.33'
BC = 7+98.66
EC = 9+24.10

PLAN

1"=20'

20' 0 20'

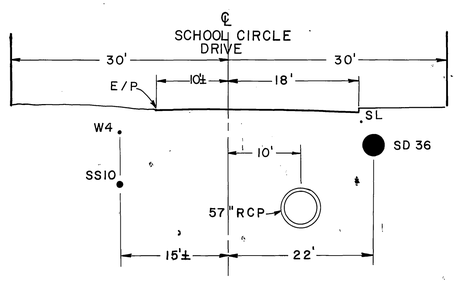
① REMOVE INTERFERING PORTIONS OF EXISTING 12" PIPE. REPLACE WITH 16'-12" RCP, CL IV, ON NEW GRADE.

② REMOVE INTERFERING PORTIONS OF EXISTING 12" PIPE. REPLACE WITH 13'-12" RCP, CL IV, ON NEW ALIGNMENT AND GRADE. SEE CONNECTOR PIPE PROFILES ON THIS SHEET.
Note: New alignment As Built See Plan

③ REMOVE INTERFERING PORTIONS OF EXISTING 36" SD.

④ PACIFIC TELEPHONE, CALL 684-0071 BEFORE EXCAVATING.

C5 6"A.C. & 6" Base placed in Magnolia Ave. Trench - Curb to Curb.



SECTION AT STA. 7+98.66

10' 0 10'

BENCH MARK CP 43
SET NAIL & RCFC TAG ON CENTER LINE OF MAGNOLIA
ELEV. 821.352

SCALE:

DATE:

REVISIONS			
C5	6"A.C. & 6" base In trench Curb to Curb.	JM	8
C4	New alignment for Connector RCP		
C3	Sta. Changed		
REF.	DESCRIPTION	APPR.	DATE

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

DESIGNED BY: AGK
DRAWN BY: R. Moody
DATE DRAWN:
CHECKED BY:

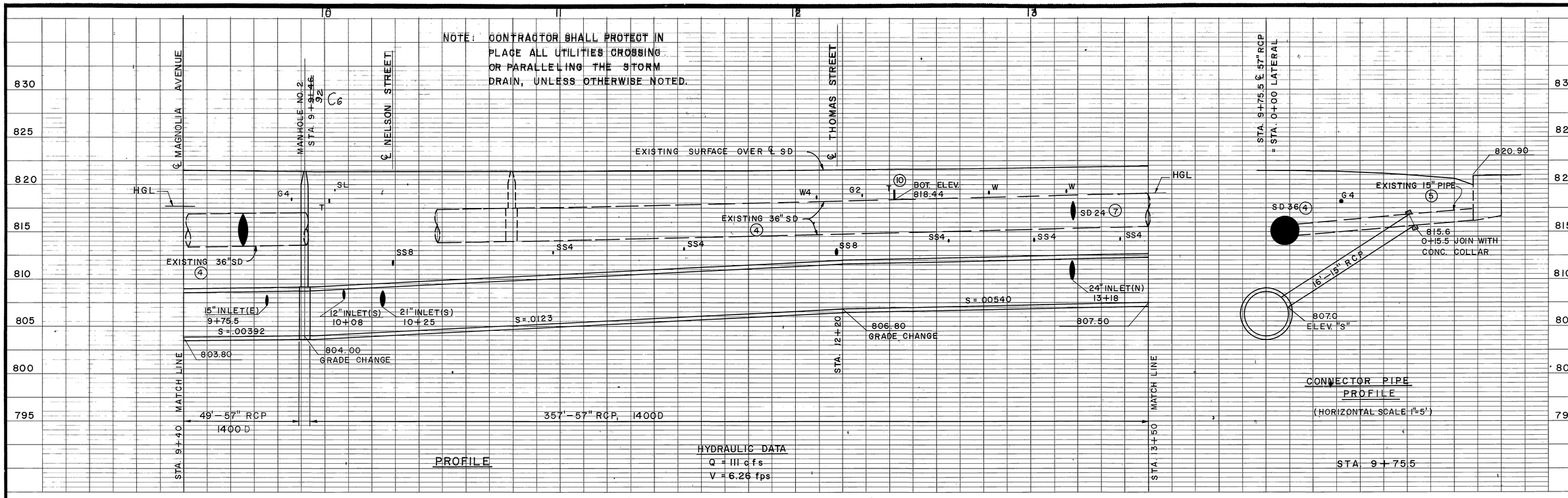
APPROVED BY:
John W. Bryant
CHIEF ENGINEER R.E./NO. 8822
DATE: 1-30-73

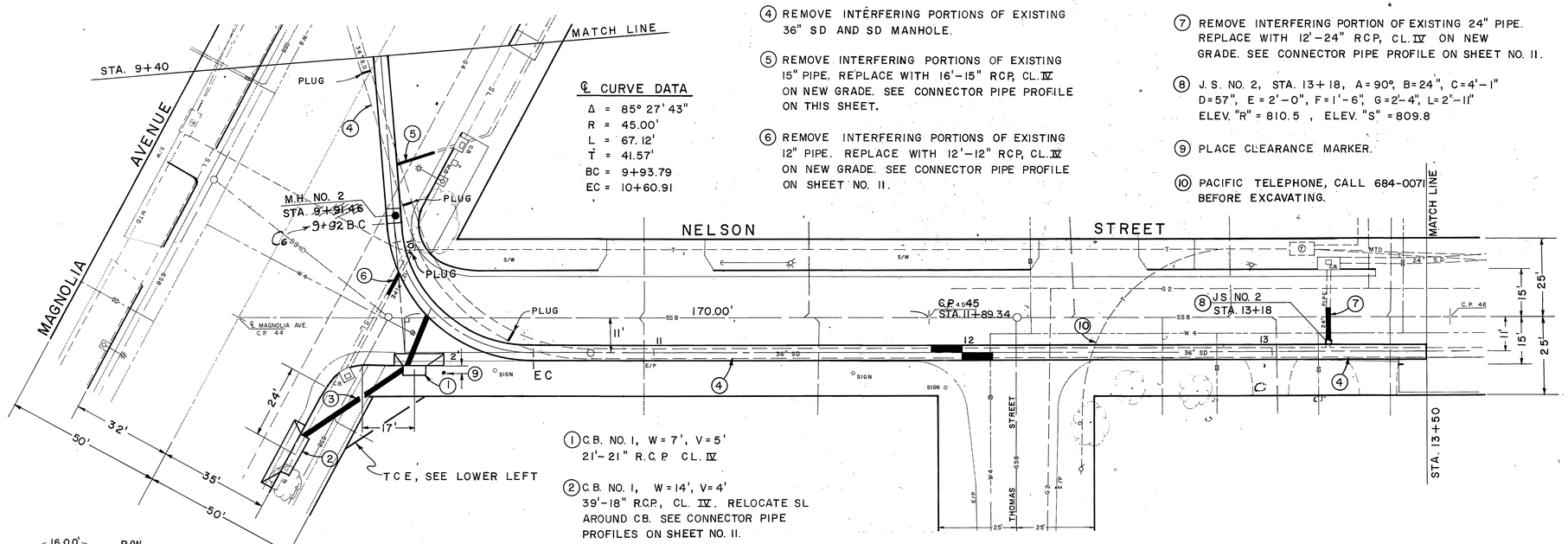
MAGNOLIA CENTER STORM DRAIN
NELSON STREET LATERAL
STA. 7+47.49 TO STA. 9+40
1970 STORM DRAIN BOND ISSUE PROJECT NO. 12

D-269/

PROJECT NO. 1-0-192
DRAWING NO. 1-288
SHEET NO. 4 OF 24

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





(1) C.B. NO. 1, W = 7', V = 5'
21'-21" R.C.P. CL. IV

(2) C.B. NO. 1, W = 14', V = 4'
39'-18" RCP, CL. IV. RELOCATE SL AROUND CB. SEE CONNECTOR PIPE PROFILES ON SHEET NO. 11.

(3) REMOVE AND REPLACE INTERFERING PORTIONS OF SIDEWALK.

(4) REMOVE INTERFERING PORTIONS OF EXISTING 36" SD AND SD MANHOLE.

(5) REMOVE INTERFERING PORTIONS OF EXISTING 15" PIPE. REPLACE WITH 16'-15" RCP, CL. IV ON NEW GRADE. SEE CONNECTOR PIPE PROFILE ON THIS SHEET.

(6) REMOVE INTERFERING PORTIONS OF EXISTING 12" PIPE. REPLACE WITH 12'-12" RCP, CL. IV ON NEW GRADE. SEE CONNECTOR PIPE PROFILE ON SHEET NO. 11.

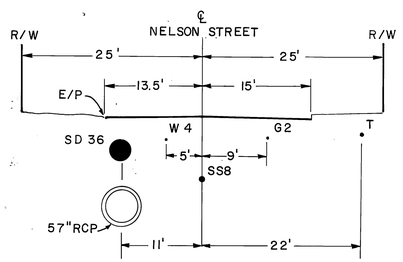
(7) REMOVE INTERFERING PORTION OF EXISTING 24" PIPE. REPLACE WITH 12'-24" RCP, CL. IV ON NEW GRADE. SEE CONNECTOR PIPE PROFILE ON SHEET NO. 11.

(8) J. S. NO. 2, STA. 13+18, A = 90°, B = 24", C = 4'-1" D = 57", E = 2'-0", F = 1'-6", G = 2'-4", L = 2'-11" ELEV. "R" = 810.5 , ELEV. "S" = 809.8

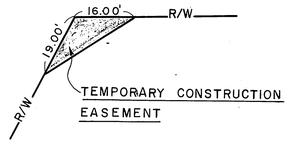
(9) PLACE CLEARANCE MARKER.

(10) PACIFIC TELEPHONE, CALL 684-0071 BEFORE EXCAVATING.

℄ CURVE DATA
Δ = 85° 27' 43"
R = 45.00'
L = 67.12'
T = 41.57'
BC = 9+93.79
EC = 10+60.91



SECTION AT STA. 13+00
10' 0 10'



TEMPORARY CONSTRUCTION EASEMENT

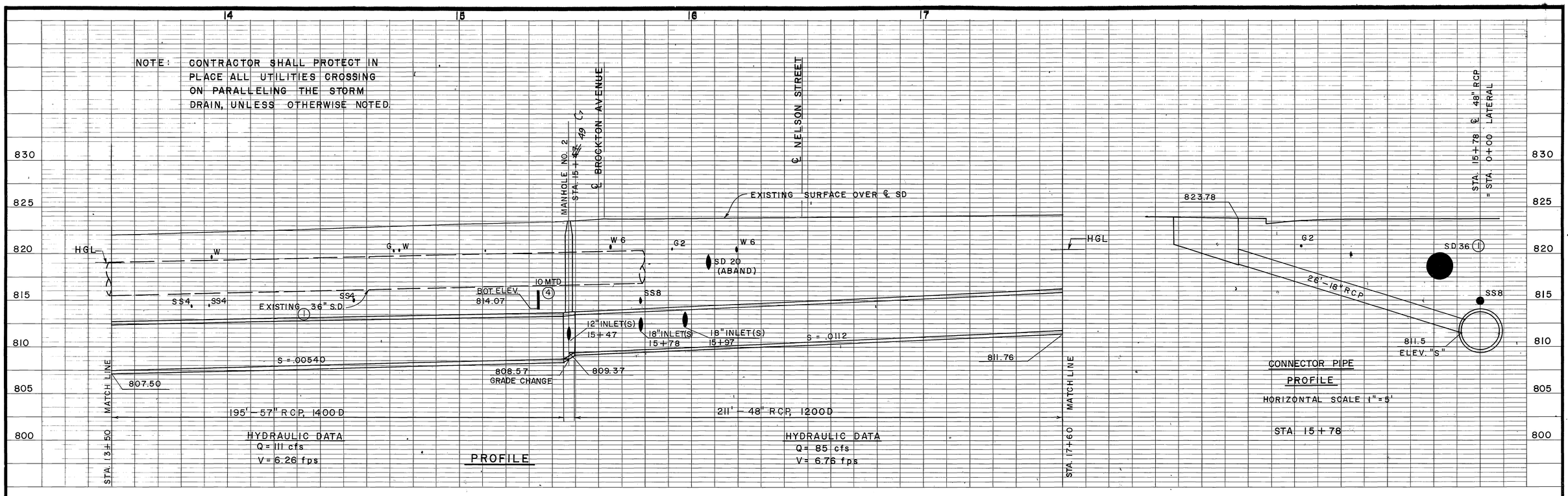
PLAN
1"=20'
20' 0 20'

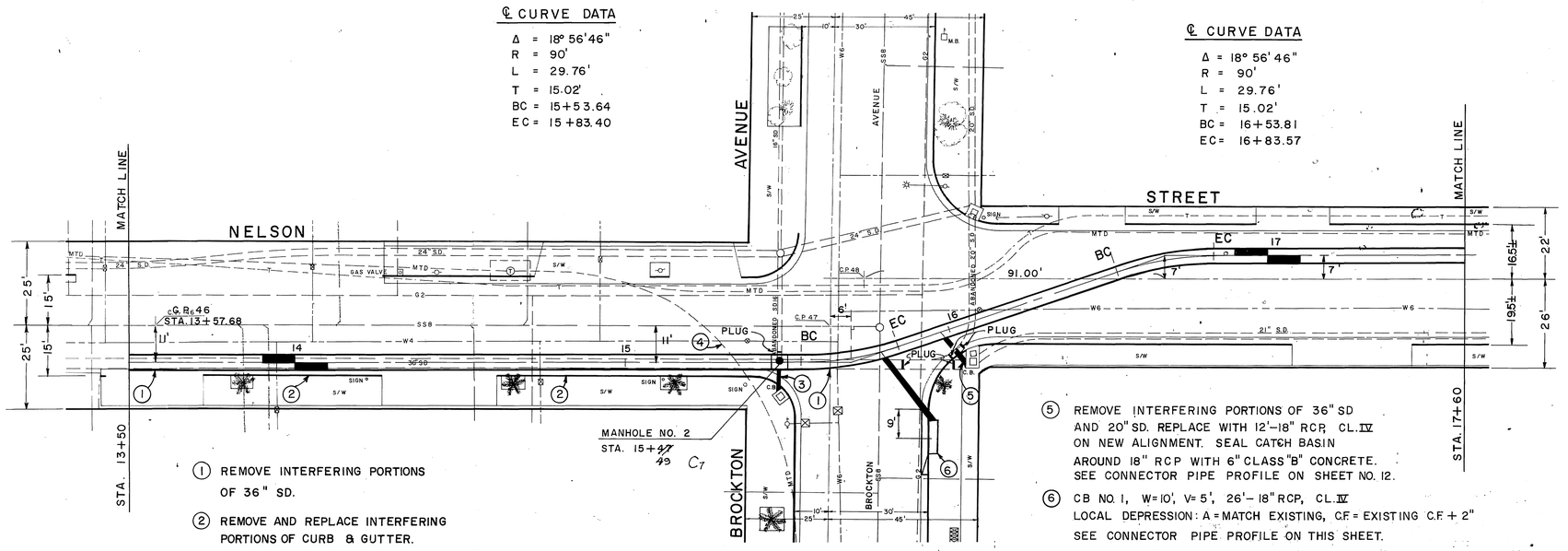
BENCH MARK C.P. 45 SET NAIL & RCFC TAG ON NELSON 250' W. OF BROCKTON ELEV. 821.562	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	MAGNOLIA CENTER STORM DRAIN NELSON STREET LATERAL STA. 9+40 TO STA. 13+50 1970 STORM DRAIN BOND ISSUE PROJECT NO. 12	PROJECT NO. 1-0-192
SCALE:		DESIGNED BY: AGK		DRAWING NO. 1-288
DATE:	C6 REF. Sta. Changed DESCRIPTION JW 1-8-74 APPR. DATE	DRAWN BY: S. Moody DATE DRAWN: CHECKED BY:	APPROVED BY: John W. Bryant CHIEF ENGINEER R.E. NO. 8822 DATE: 1-30-73	SHEET NO. 5 OF 24

AS BUILT

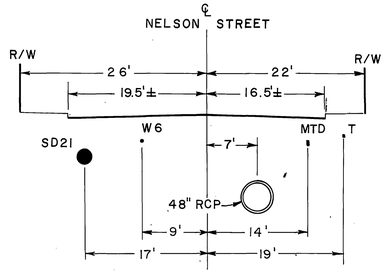
D-269

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





PLAN
1"=20'
20' 0 20'



SECTION AT STA. 17+25
10' 0 10'

BENCH MARK CP 47
TOP 2 INCH I.P. AT NELSON & BROCKTON.
ELEV. 823.692
SCALE:
DATE:

REVISIONS

REF.	DESCRIPTION	APPR.	DATE
C7	Sta. Change		1-5-74

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

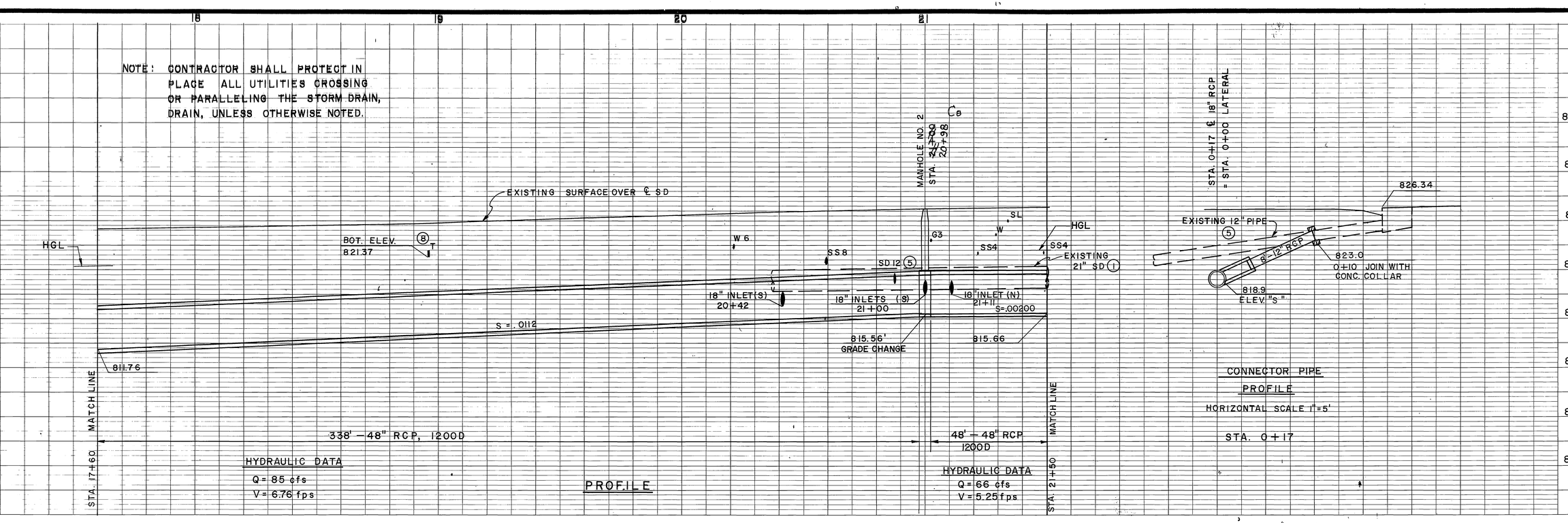
DESIGNED BY: A.G.K.
DRAWN BY: D. Moody
DATE DRAWN:
CHECKED BY:
APPROVED BY: John W. Bryant, CHIEF ENGINEER R.E. NO. 8822
DATE: 1-30-73

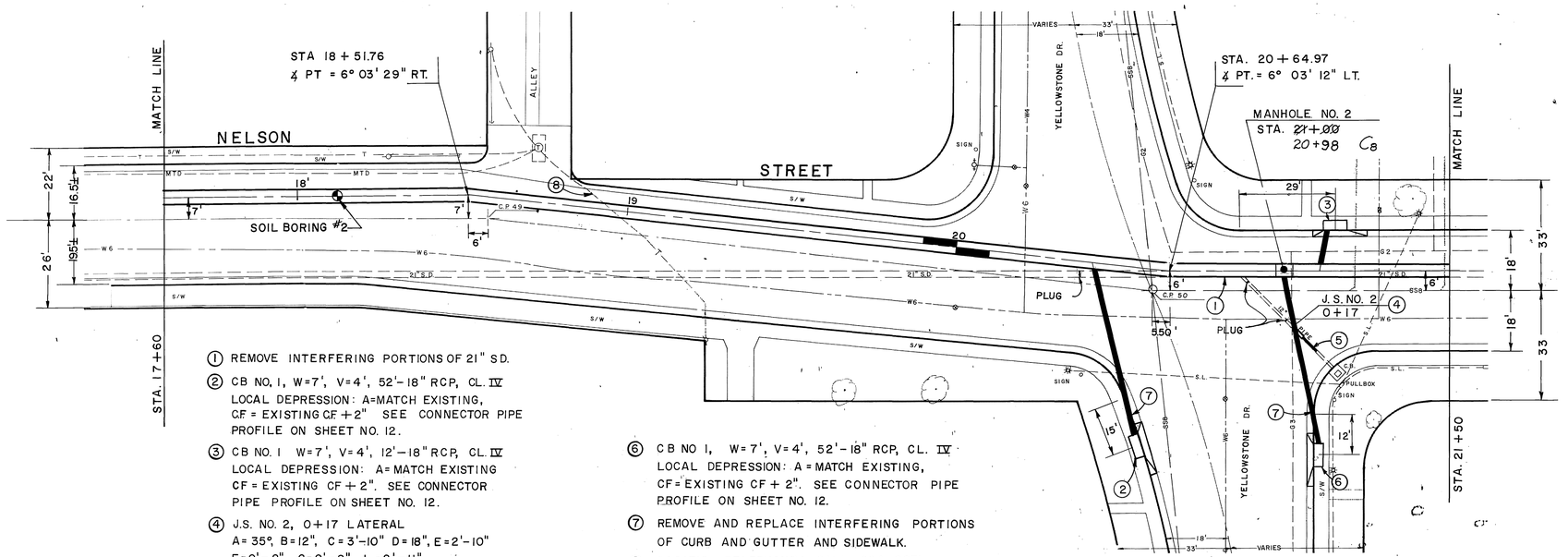
MAGNOLIA CENTER STORM DRAIN
NELSON STREET LATERAL
STA. 13+50 TO STA. 17+60
1970 STORM DRAIN BOND ISSUE PROJECT NO. 12

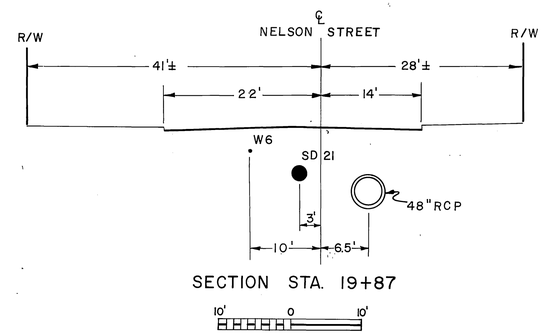
PROJECT NO. 1-0-192
DRAWING NO. 1-288
SHEET NO. 6 OF 24

D-269

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







(1) REMOVE INTERFERING PORTIONS OF 21" SD.

(2) CB NO. 1, W=7', V=4', 52'-18" RCP, CL. IV
LOCAL DEPRESSION: A=MATCH EXISTING,
CF = EXISTING CF + 2" SEE CONNECTOR PIPE PROFILE ON SHEET NO. 12.

(3) CB NO. 1 W=7', V=4', 12'-18" RCP, CL. IV
LOCAL DEPRESSION: A=MATCH EXISTING
CF = EXISTING CF + 2". SEE CONNECTOR PIPE PROFILE ON SHEET NO. 12.

(4) J.S. NO. 2, 0+17 LATERAL
A= 35°, B=12", C=3'-10" D=18", E=2'-10"
F=0'-2", G=0'-8", L=2'-11"
ELEV. "R"=820.0 ELEV. "S"=818.9

(5) REMOVE INTERFERING PORTIONS OF 12" PIPE. REPLACE WITH 8'-12" RCP, CL IV ON NEW GRADE. SEE CONNECTOR PIPE PROFILE ON THIS SHEET.

(6) CB NO 1, W=7', V=4', 52'-18" RCP, CL. IV
LOCAL DEPRESSION: A = MATCH EXISTING,
CF = EXISTING CF + 2". SEE CONNECTOR PIPE PROFILE ON SHEET NO. 12.

(7) REMOVE AND REPLACE INTERFERING PORTIONS OF CURB AND GUTTER AND SIDEWALK.

(8) PACIFIC TELEPHONE, CALL 684-0071 BEFORE EXCAVATING.

PLAN

1"=20'

20' 0 20'

BENCH MARK C.P. 49
TOP OF 1 1/2 INCH IRON PIPE AT ALLEY ON NELSON ST. DOWN .76 ELEV. 823.699

SCALE:

DATE:

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
℄B	Sta. Change		1-8-74

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

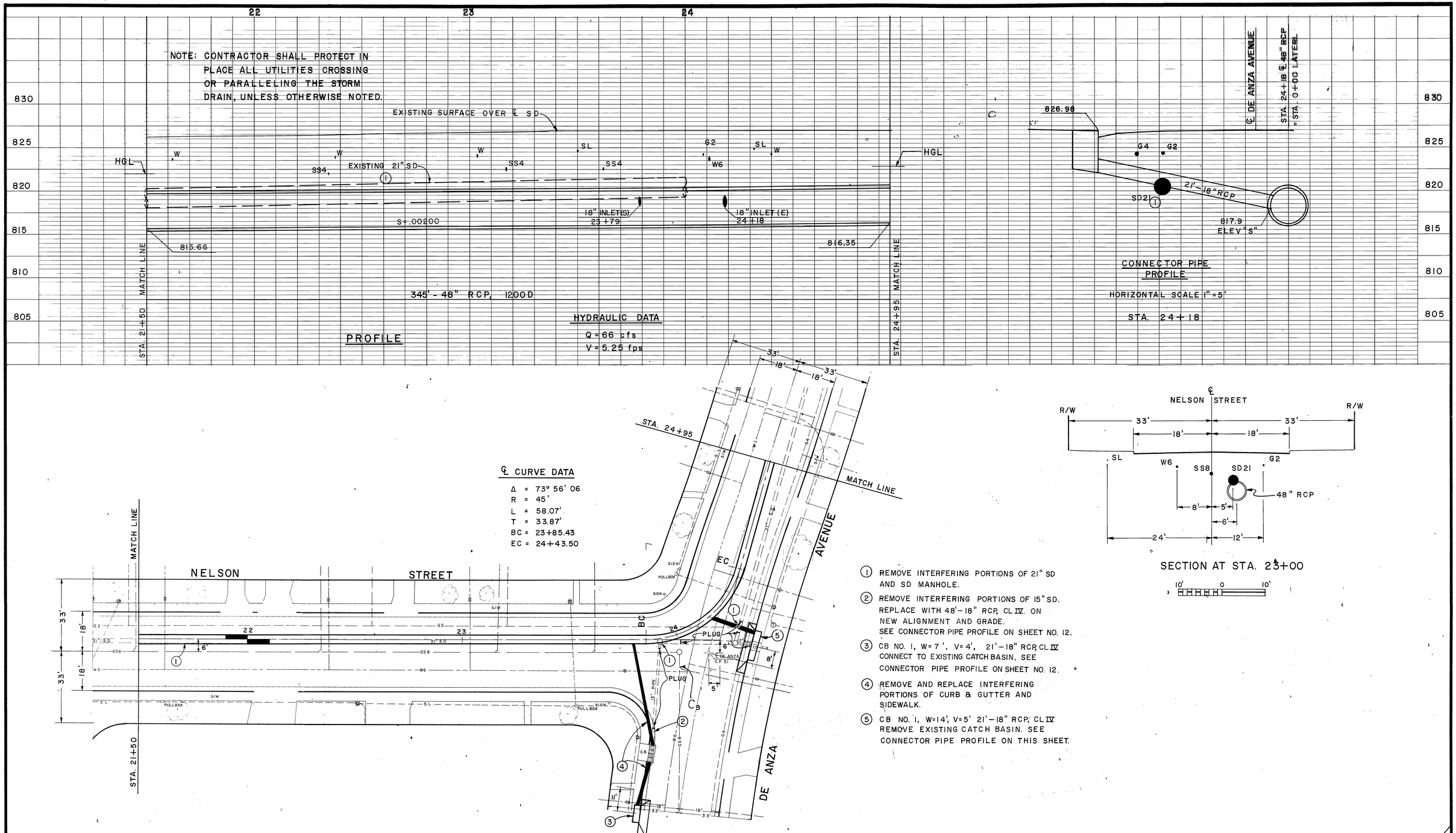
DESIGNED BY: A G K
DRAWN BY: D. Moody
DATE DRAWN:
CHECKED BY:

APPROVED BY:
John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 1-30-73

MAGNOLIA CENTER STORM DRAIN
NELSON STREET LATERAL
STA. 17+60 TO STA. 21+50
1970 STORM DRAIN BOND ISSUE PROJECT NO. 12

PROJECT NO. 1-0-192
DRAWING NO. 1-288
SHEET NO. 7 OF 24

D-269



① REMOVE INTERFERING PORTIONS OF 21" SD AND SD MANHOLE.

② REMOVE INTERFERING PORTIONS OF 15" SD. REPLACE WITH 48'-18" RCP, CL IV. ON NEW ALIGNMENT AND GRADE. SEE CONNECTOR PIPE PROFILE ON SHEET NO. 12.

③ CB NO. 1, W=7', V=4', 21'-18" RCP, CL IV CONNECT TO EXISTING CATCH BASIN. SEE CONNECTOR PIPE PROFILE ON SHEET NO. 12.

④ REMOVE AND REPLACE INTERFERING PORTIONS OF CURB & GUTTER AND SIDEWALK.

⑤ CB NO. 1, W=14', V=5' 21'-18" RCP, CL IV REMOVE EXISTING CATCH BASIN. SEE CONNECTOR PIPE PROFILE ON THIS SHEET.

PLAN

1"=20'

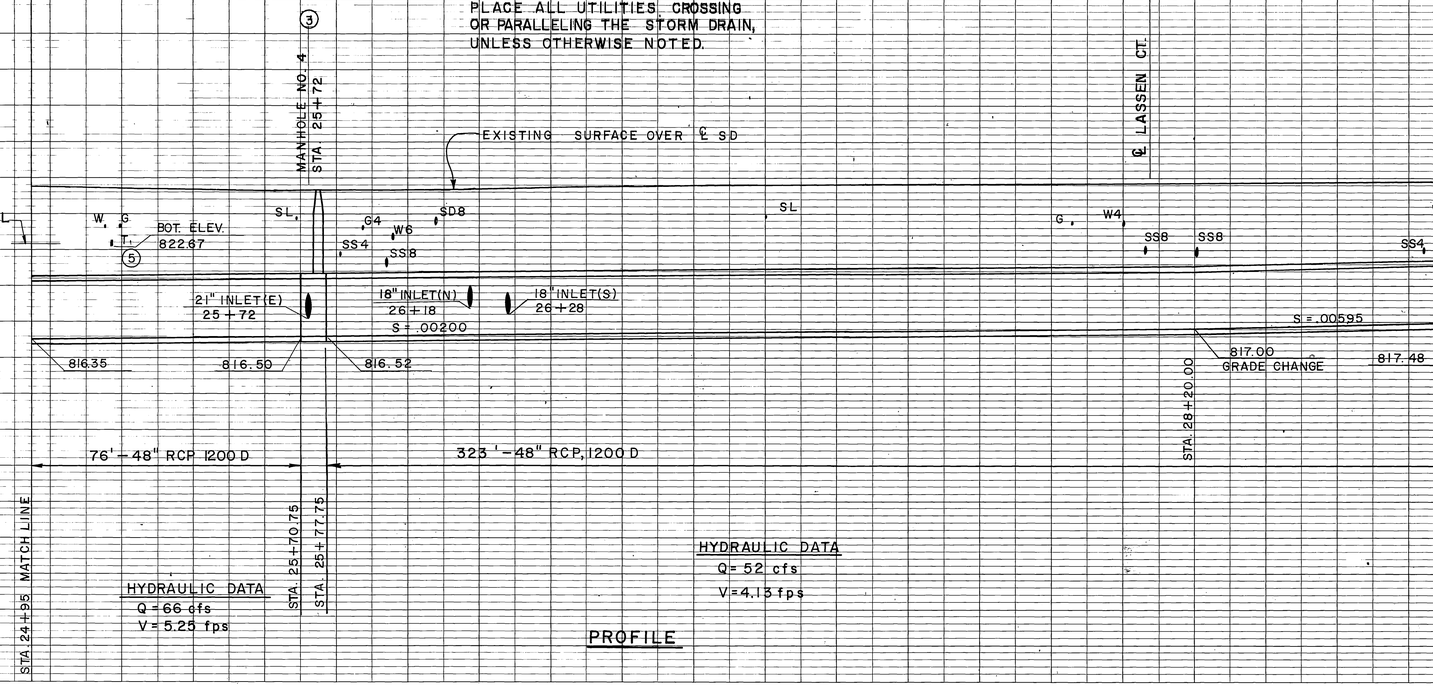
20' 0 20'

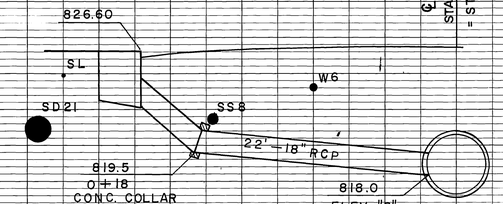
BENCH MARK C.P. 51 TOP PK. NAIL & TIN AT NELSON & DE ANZA X TIES. ELEV. 827.029	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	MAGNOLIA CENTER STORM DRAIN, NELSON STREET LATERAL
SCALE:		DESIGNED BY: AGK	STA. 21+50 TO STA. 24+95
DATE:	C9 Relocate 2-4" Sewer laterals (CCO) 1-8-74	DRAWN BY: S. Moody	1970 STORM DRAIN BOND ISSUE PROJECT NO. 12
	REF. DESCRIPTION APPR. DATE	DATE DRAWN:	PROJECT NO. 1.0-192
		CHECKED BY:	DRAWING NO. 1-288
		APPROVED BY: John W. Bryant CHIEF ENGINEER R.E. NO. 8822 DATE: 1-30-73	SHEET NO. 8 OF 24

AS BUILT

D-269

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

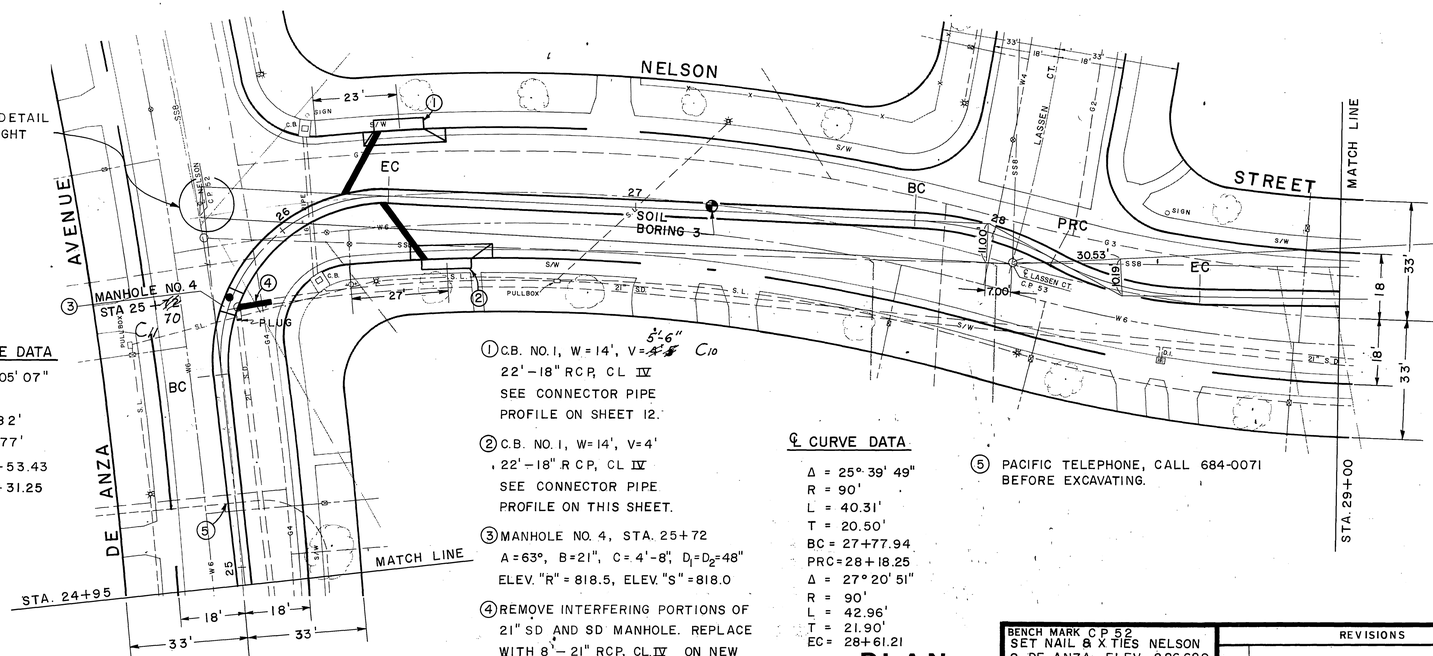




CONNECTOR PIPE PROFILE

HORIZONTAL SCALE 1" = 5

STA. 26+28



℄ CURVE DATA

Δ = 99° 05' 07"
R = 45'
L = 77.82'
T = 52.77'
BC = 25+53.43
EC = 26+31.25

① C.B. NO. 1, W = 14', V = ~~4'-6"~~ 5'-6" C10
22'-18" RCP, CL IV
SEE CONNECTOR PIPE PROFILE ON SHEET 12.

② C.B. NO. 1, W = 14', V = 4'
, 22'-18" R CP, CL IV
SEE CONNECTOR PIPE PROFILE ON THIS SHEET.

③ MANHOLE NO. 4, STA. 25+72
A = 63°, B = 21", C = 4'-8", $D_1 = D_2 = 48"$
ELEV. "R" = 818.5, ELEV. "S" = 818.0

④ REMOVE INTERFERING PORTIONS OF 21" SD AND SD MANHOLE. REPLACE WITH 8'-21" RCP, CL. IV ON NEW GRADE. SEE PROFILE ON SHEET NO. 12.

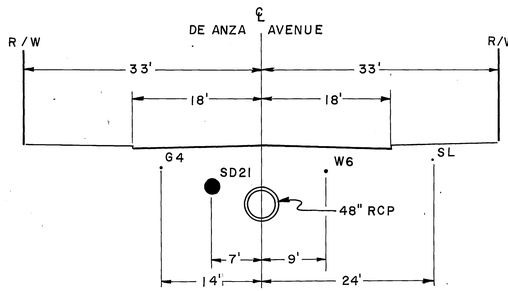
℄ CURVE DATA

Δ = 25° 39' 49"
R = 90'
L = 40.31'
T = 20.50'
BC = 27+77.94
PRC = 28+18.25
Δ = 27° 20' 51"
R = 90'
L = 42.96'
T = 21.90'
EC = 28+61.21

⑤ PACIFIC TELEPHONE, CALL 684-0071 BEFORE EXCAVATING.

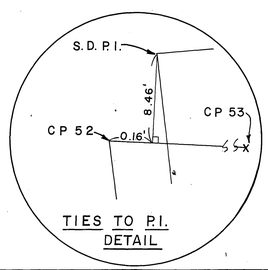
PLAN

1" = 20'



SECTION AT STA. 25+25

10' 0 10



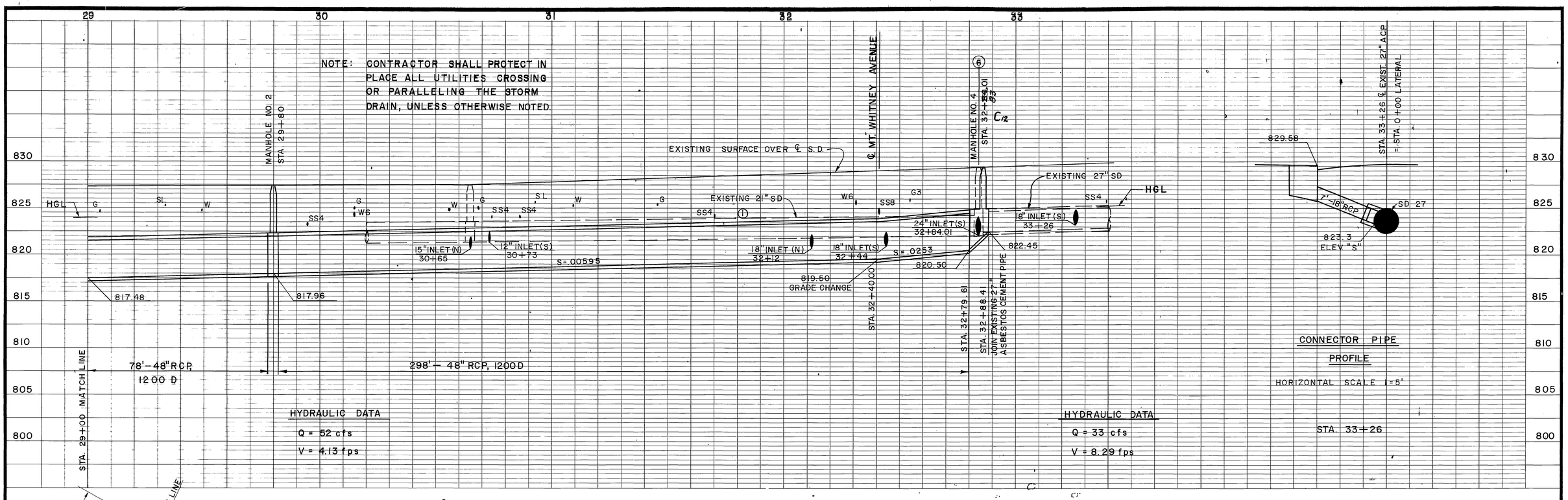
TIES TO P.I. DETAIL

BENCH MARK CP 52 SET NAIL & X TIES NELSON & DE ANZA ELEV. 826.629	REVISIONS				RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		MAGNOLIA CENTER STORM DRAIN NELSON STREET LATERAL STA. 24+95 TO STA. 29+00 1970 STORM DRAIN BOND ISSUE PROJECT NO. 12	PROJECT NO. 1-0-192
SCALE:					DESIGNED BY: A G K	APPROVED BY: Arthur W. Bryant CHIEF ENGINEER R.E. NO. 8822		DRAWING NO. 1-288
DATE:	C11	Sta. Changed			DRAWN BY: J. Moody			SHEET NO. 9 OF 24
	C10	Changed C.B. No 1-Height			DATE DRAWN:	DATE: 1-30-73		
	REF.	DESCRIPTION	APPR.	DATE	CHECKED BY:			

AS BUILT

D-269

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

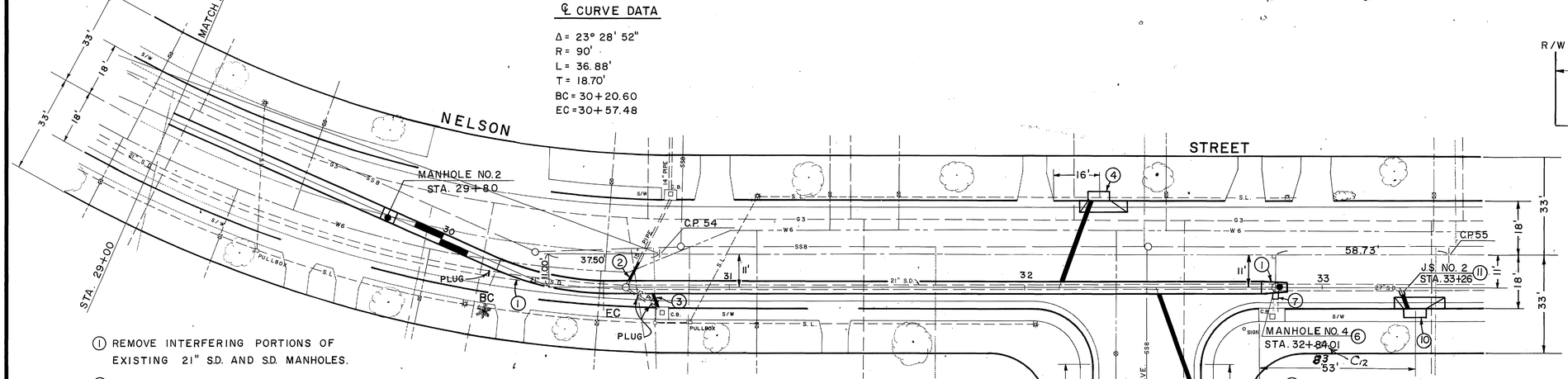


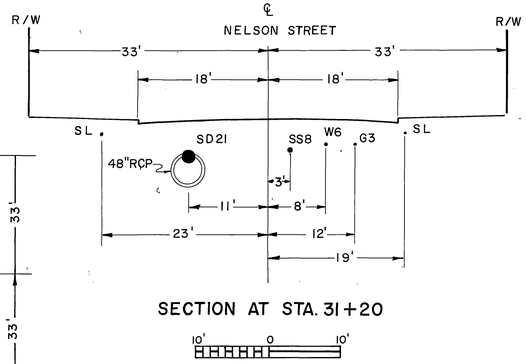
HYDRAULIC DATA
Q = 52 cfs
V = 4.13 fps

HYDRAULIC DATA
Q = 33 cfs
V = 8.29 fps

CONNECTOR PIPE PROFILE
HORIZONTAL SCALE 1"=5'
STA. 33+26

℄ CURVE DATA
Δ = 23° 28' 52"
R = 90'
L = 36.88'
T = 18.70'
BC = 30+20.60
EC = 30+57.48





SECTION AT STA. 31+20

1. REMOVE INTERFERING PORTIONS OF EXISTING 21" S.D. AND S.D. MANHOLES.
2. REMOVE INTERFERING PORTIONS OF EXISTING 15" PIPE. REPLACE WITH 8'-15" RCP, CL IV ON NEW GRADE. SEE CONNECTOR PIPE. PROFILE ON SHEET NO. 13.
3. REMOVE INTERFERING PORTIONS OF EXISTING 12" PIPE. REPLACE WITH 8'-12" RCP, CL IV ON NEW ALIGNMENT AND GRADE. SEE CONNECTOR PIPE PROFILE ON SHEET NO. 13.
4. CB NO. 1, W=7', V=4' 30'-18" RCP, CL IV RELOCATE SL AROUND CB. SEE CONNECTOR PIPE PROFILE ON SHEET NO. 13.
5. CB NO. 1, W=7', V=4.1' 38'-18" RCP, CL IV SEE CONNECTOR PIPE PROFILE ON SHEET NO. 13.
6. MANHOLE NO. 4, STA. 32+84.01 A=90°, B=24", C=4'-9", D_1=36" D_2=48" ELEV. "R" = 824.0' ELEV. "S" = 822.6' POUR UPSTREAM WALL OF MANHOLE AROUND 27" SD.
7. CONNECT EXISTING 24" ASBESTOS CEMENT PIPE TO MANHOLE NO. 4. SEE CONNECTOR PIPE PROFILE ON SHEET NO. 13.
8. REMOVE AND REPLACE INTERFERING PORTIONS OF CURB & GUTTER AND SIDEWALK.
9. CB NO. 1, W=14', V=7.8' 46'-18" RCP, CL IV RELOCATE WATER SERVICE CONNECTION AROUND CB BY OTHERS DURING CONSTRUCTION. SEE CONNECTOR PROFILE ON SHEET NO. 13.
10. C.B. NO.1, W=7', V=4", 7'-18" RCP, CL IV SEE CONNECTOR PIPE PROFILE ON THIS SHEET.
11. J.S. NO. 2, STA. 33+26, A=70°, B=18", C=2'-10", D=27", E=1'-8", F=0'-4", G=1'-0", L=2'-5" ELEV. "R" = 823.8', ELEV. "S" = 823.3'

PLAN
1"=20'
20' 0 20'

BENCH MARK CP 54
TOP OF 1/2 INCH IRON PIPE ON NELSON AT END OF REVERSE CURVE DOWN .85' ELEV. 826.68

SCALE:

DATE:

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
C12	Sta. Changed		1-3-74

AS BUILT

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

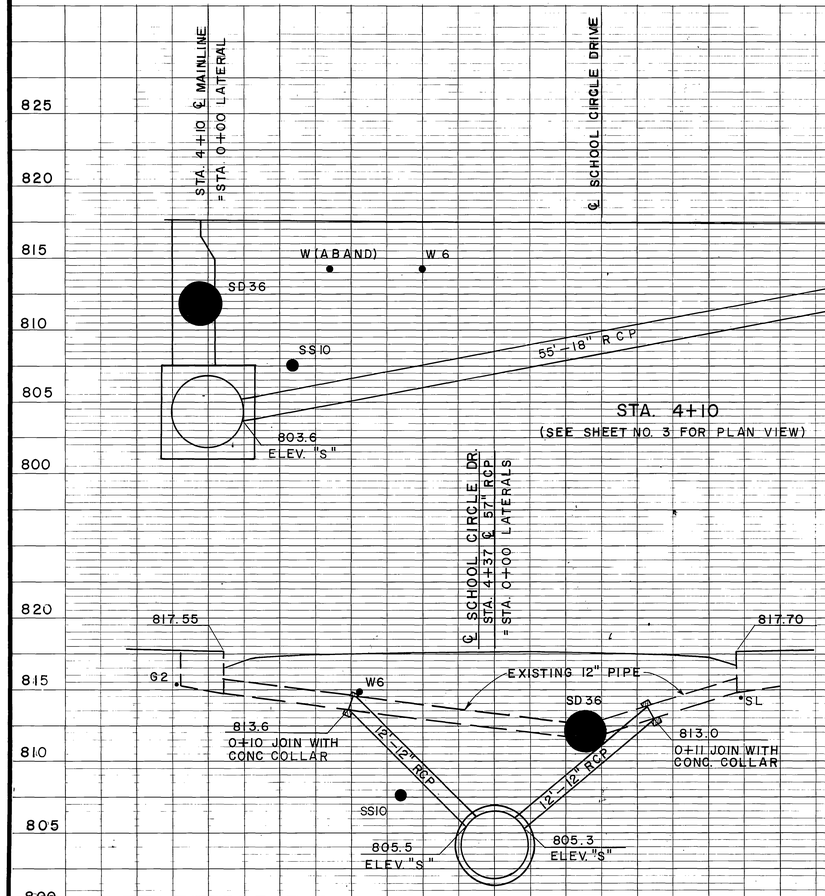
DESIGNED BY: A.G.K.
DRAWN BY: S. Moody
DATE DRAWN:
CHECKED BY:

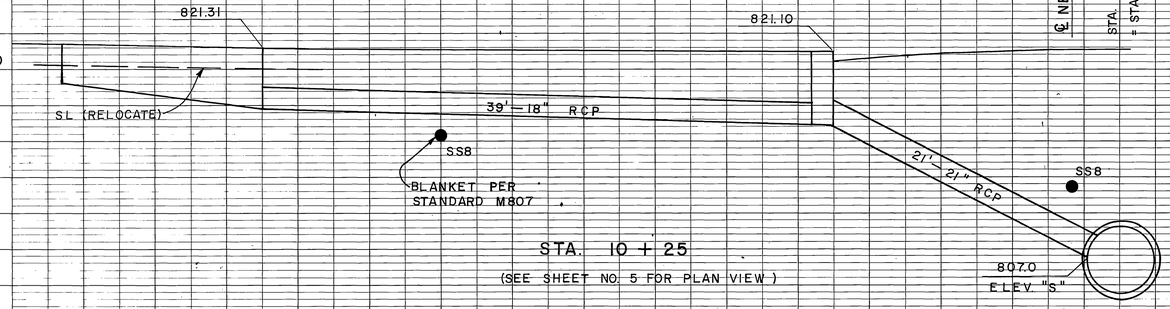
APPROVED BY:
CHIEF ENGINEER R.E. NO. 8822
DATE: 1-30-73

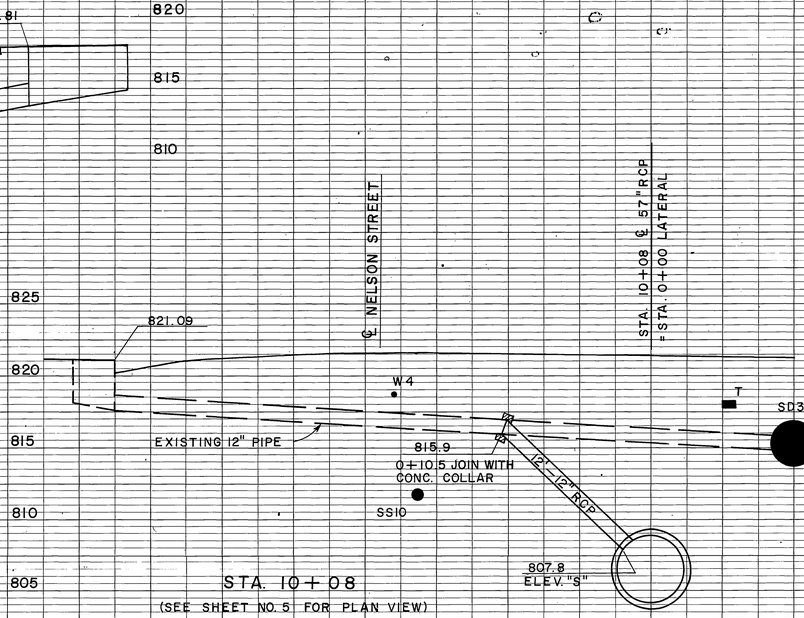
MAGNOLIA CENTER STORM DRAIN
NELSON STREET LATERAL
STA. 29+00 TO STA. 32+88.41
1970 STORM DRAIN BOND ISSUE PROJECT NO. 12

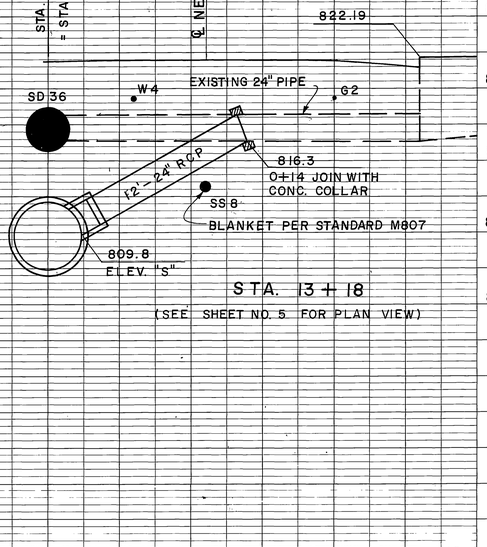
PROJECT NO. 1-0-192
DRAWING NO. 1-288
SHEET NO. 10 OF 24

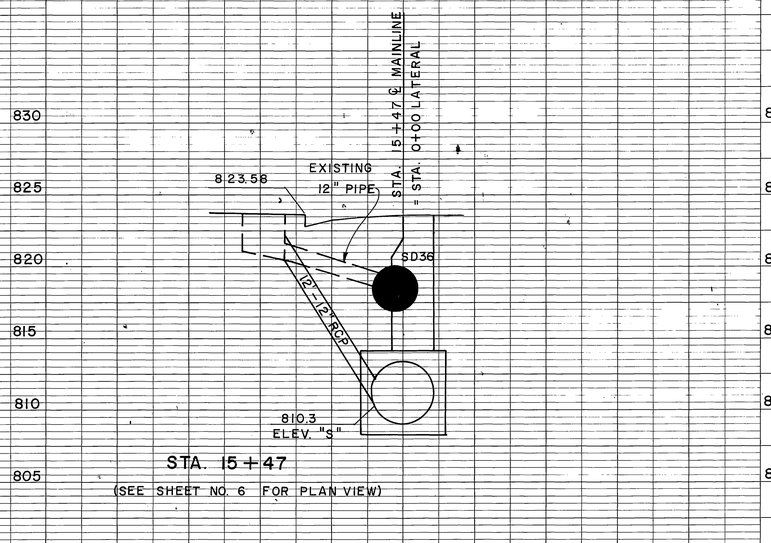
D-269







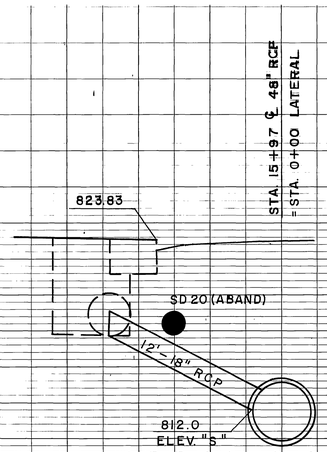




BENCH MARK	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	MAGNOLIA CENTER STORM DRAIN NELSON STREET LATERAL CONNECTOR PIPE PROFILES 1970 STORM DRAIN BOND ISSUE PROJECT NO. 12
SCALE: HORIZONTAL AND VERTICAL 1" = 5'	No Change	DESIGNED BY: A G K DRAWN BY: S. Moody DATE DRAWN: CHECKED BY:	APPROVED BY: John W. Bryant CHIEF ENGINEER R.E. NO. 8822 DATE: 1-30-73
DATE:	REF. DESCRIPTION APPR. DATE		PROJECT NO. 1-0-192 DRAWING NO. 1-288 SHEET NO. 11 OF 24

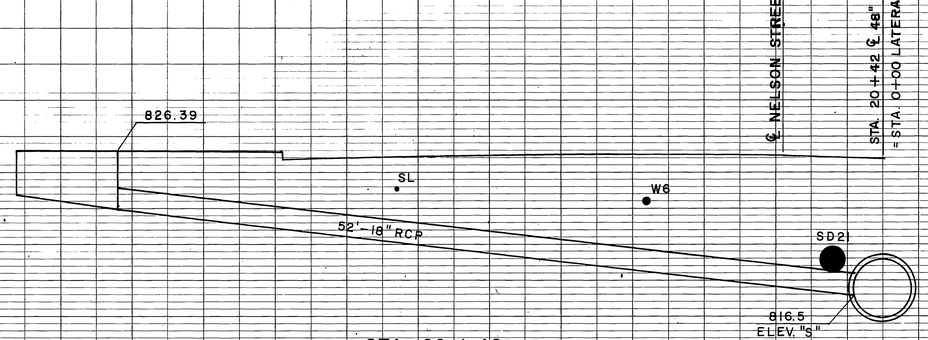
A'S BUILT

D-269



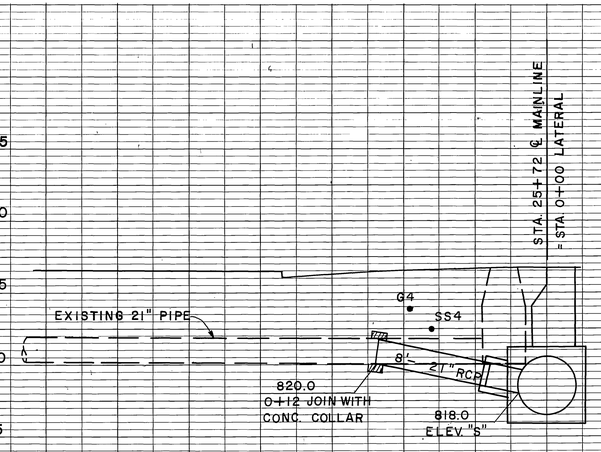
STA. 15 + 97

(SEE SHEET NO. 6 FOR PLAN VIEW)



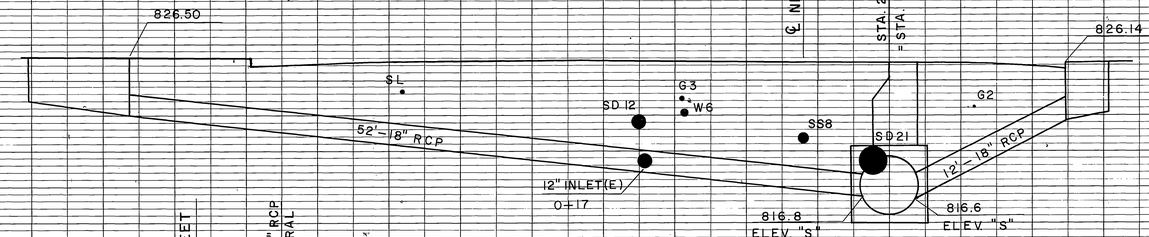
STA. 20 + 42

(SEE SHEET NO. 7 FOR PLAN VIEW)



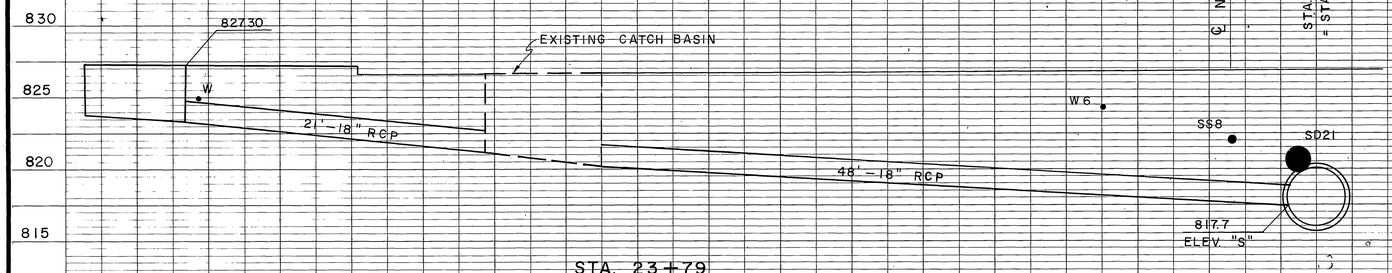
STA. 25 + 72

(SEE SHEET NO. 9 FOR PLAN VIEW)



STA. 21+00 & STA. 21+11

(SEE SHEET NO. 7 FOR PLAN VIEW)



STA. 23 + 79

(SEE SHEET NO. 8 FOR PLAN.)

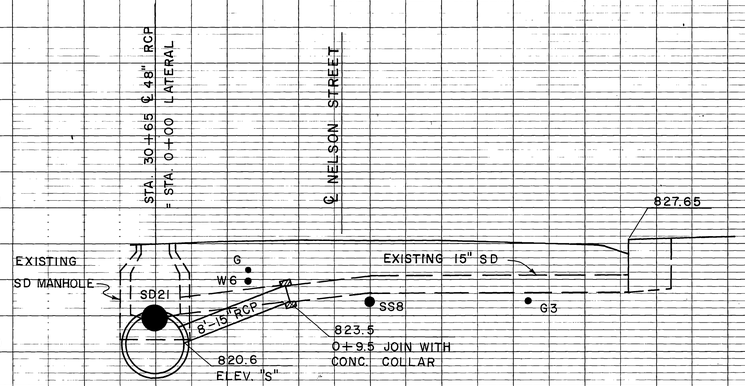
STA. 26 + 18

(SEE SHEET NO. 9 FOR PLAN VIEW)

BENCH MARK	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	MAGNOLIA CENTER STORM DRAIN NELSON STREET LATERAL CONNECTOR PIPE PROFILES 1970 STORM DRAIN BOND ISSUE PROJECT NO. 12
SCALE: HORIZONTAL AND VERTICAL 1"=5'	No Change	DESIGNED BY: AGK DRAWN BY: J. Moody DATE DRAWN: CHECKED BY:	APPROVED BY: CHIEF ENGINEER R.E. NO. 8822 DATE: 1-30-73
DATE:	REF. DESCRIPTION APPR. DATE		PROJECT NO. 1-0-192 DRAWING NO. 1-288 SHEET NO. 12 OF 24

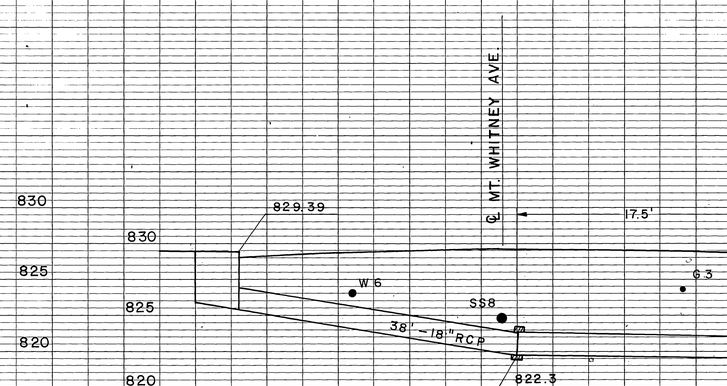
AS BUILT

D-269



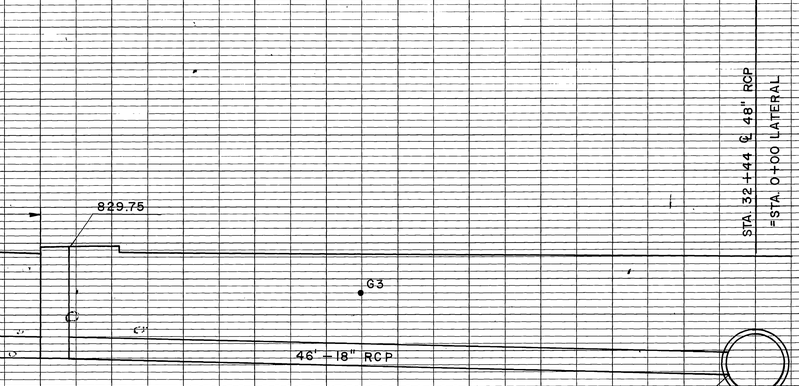
STA. 30+65

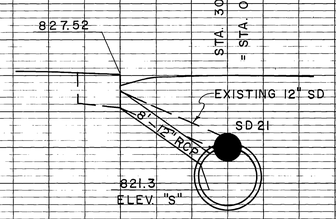
(SEE SHEET NO. 10 FOR PLAN VIEW)



STA. 32+44

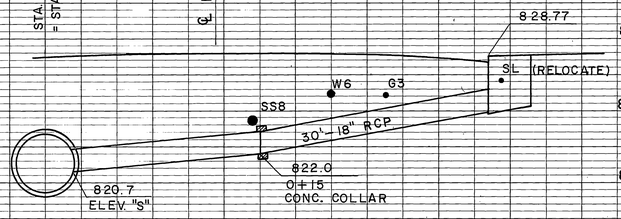
(SEE SHEET NO. 10 FOR PLAN VIEW)





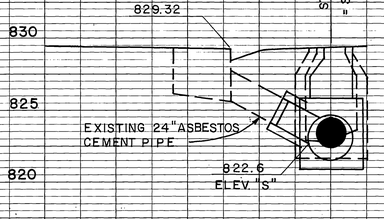
STA. 30+73

(SEE SHEET NO. 10 FOR PLAN VIEW)



STA. 32+12

(SEE SHEET NO. 10 FOR PLAN VIEW)



STA. 32+84.01

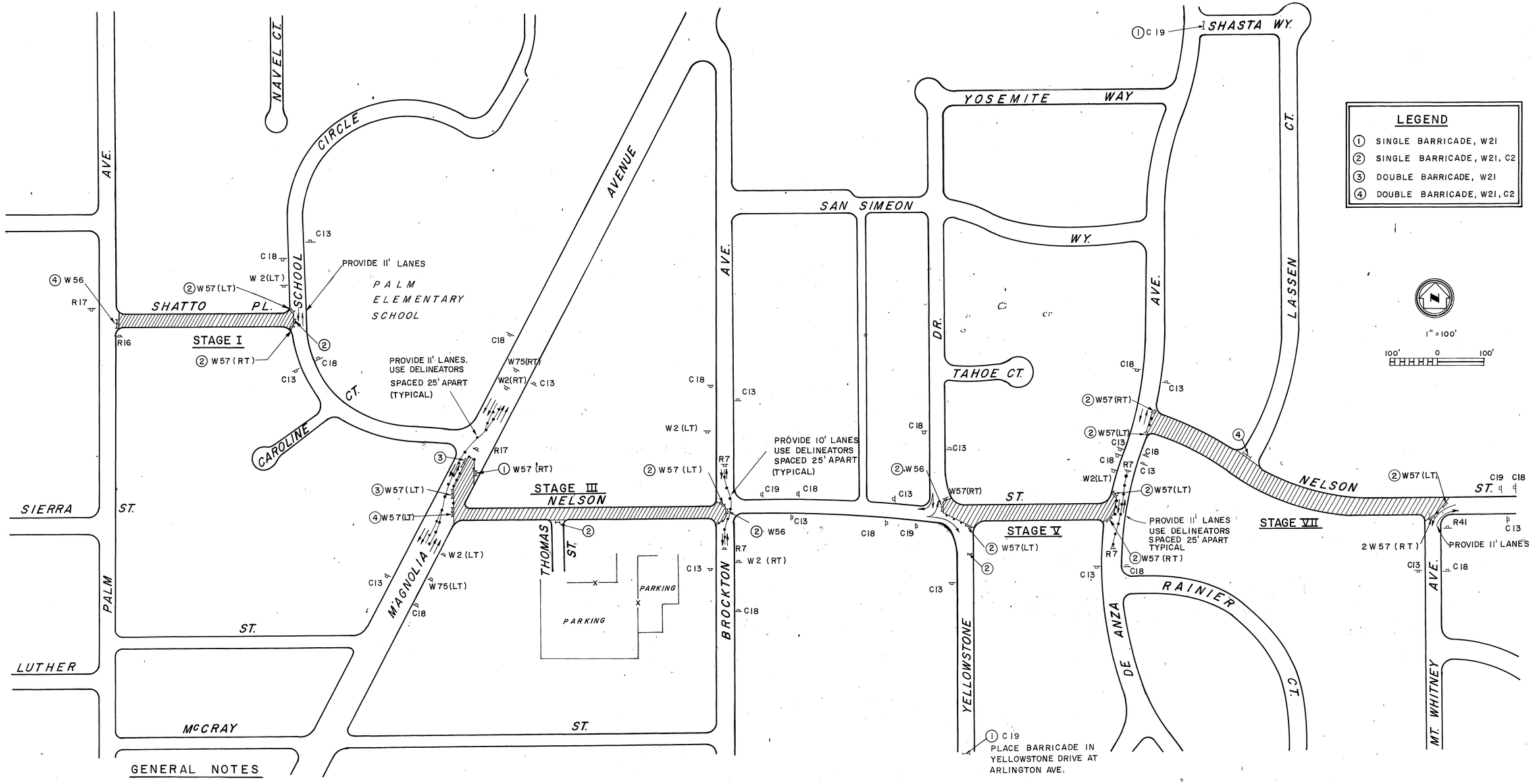
(SEE SHEET NO. 10 FOR PLAN VIEW)

BENCH MARK	REVISIONS	RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	MAGNOLIA CENTER STORM DRAIN
SCALE: HORIZONTAL AND VERTICAL 1" = 5'		DESIGNED BY: AGK	NELSON STREET LATERAL
DATE:	No Change	DRAWN BY: S. Moody	CONNECTOR PIPE PROFILES
	REF. DESCRIPTION APPR. DATE	DATE DRAWN:	1970 STORM DRAIN BOND ISSUE PROJECT NO. 12
		CHECKED BY:	APPROVED BY: John K. Bryant, CHIEF ENGINEER R.E. NO. 8822, DATE: 1-30-73

PROJECT NO. 1-0-192
DRAWING NO. 1-288
SHEET NO. 13 OF 24

AS BUILT

D-269



GENERAL NOTES

1. THE CONTRACTOR SHALL CONSTRUCT THE STORM DRAIN FACILITIES IN STAGES AS SHOWN ON THESE PLANS.
2. CONSTRUCTION WORK MAY PROCEED IN ANY ONE OF THE NONCONTIGUOUS STAGES. CONSTRUCTION IN CONTIGUOUS STAGES MAY NOT PROCEED UNTIL GIVEN APPROVAL BY THE ENGINEER.
3. ACCESS TO PRIVATE PROPERTY SHALL BE MAINTAINED AT ALL TIMES. IN STAGE II, VEHICULAR ACCESS SHALL BE MAINTAINED FROM CAROLINE CT. EITHER TO THE NORTH TO SHATTO PL. OR TO THE EAST TO MAGNOLIA AVE. WITH SIGNING ADJUSTED ACCORDINGLY. ALSO, IN STAGE III, VEHICULAR ACCESS SHALL BE MAINTAINED TO THE LARGE PARKING LOTS LOCATED SOUTHERLY OF NELSON ST.
4. THESE ARE MINIMUM SIGNING REQUIREMENTS; ADDITIONAL SIGNS MAY BE REQUIRED TO FACILITATE PUBLIC SAFETY AND TRAFFIC FLOW IF DEEMED NECESSARY BY THE ENGINEER.
5. REQUIREMENT FOR FLAGMEN: IF SITUATIONS PREVAIL (GENERAL NOTE 4) A FLAGMAN OR FLAGMEN SHALL BE UTILIZED; WEARING RED FLUORESCENT VEST AND POSSESSING C-28 SIGN (SLOW & STOP). POST C-9 SIGNS IN ADVANCE OF AREA.
6. DELINEATORS= PADDLES, SMALL BARRICADES OR EQUAL. CONES WILL NOT BE ALLOWED. MAXIMUM SPACING TO BE 25' FOR TRAFFIC LANES AND 8' FOR FILL IN BETWEEN BARRICADES.
7. CLASS I BARRICADES SHALL HAVE W-21 OR FLASHER FOR REFLECTORIZATION; ALSO CLASS II BARRICADES SHALL HAVE FLASHERS.
8. BEFORE IMPLEMENTING ANY WORK AT A SIGNALIZED INTERSECTION, CONTRACTOR IS TO NOTIFY TRAFFIC DIVISION 72 HOURS PRIOR TO BEGINNING.

STAGES I, III, V, & VII

REVISIONS			
R.E.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

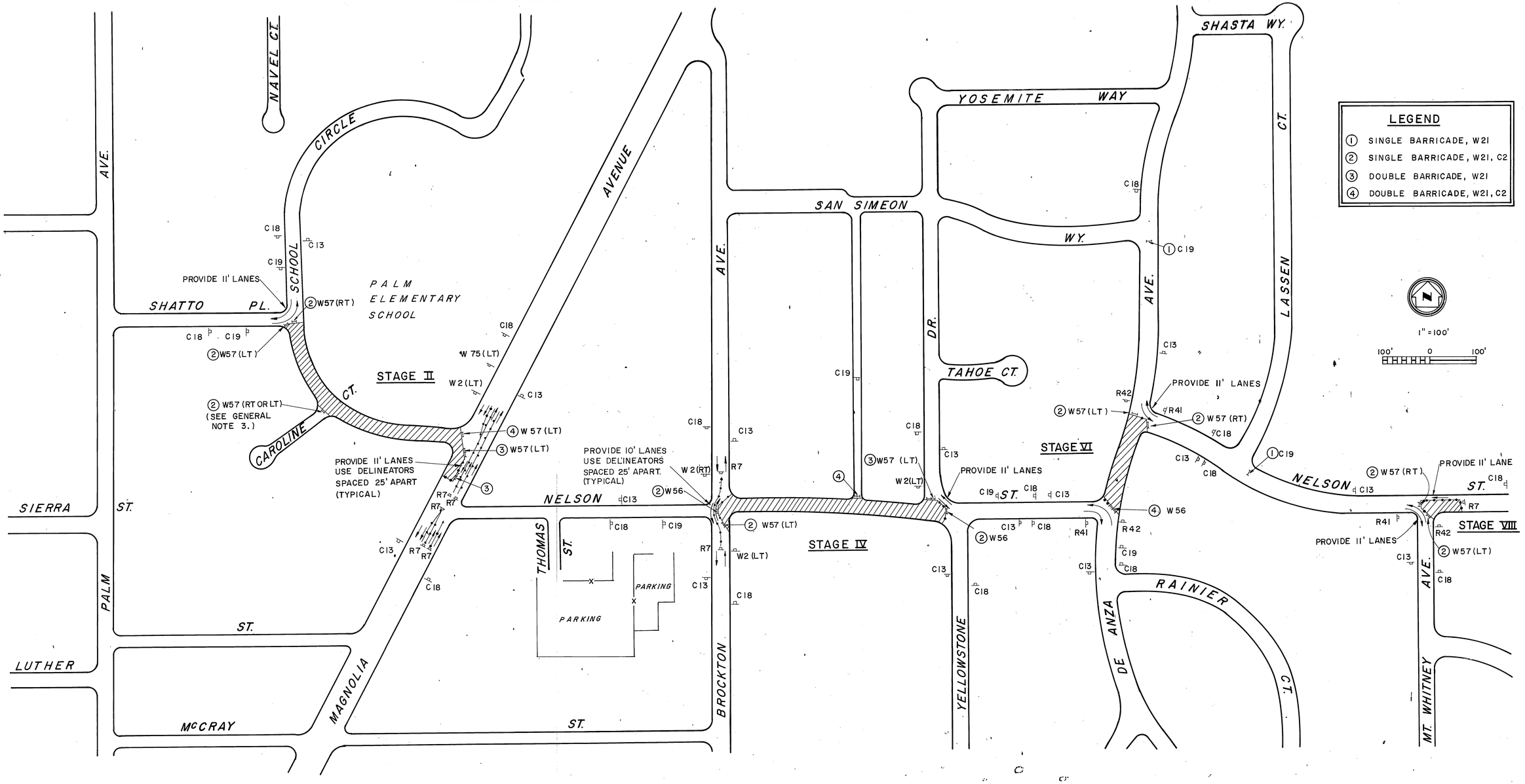
DESIGNED BY: A G K
DRAWN BY: S T Moody
DATE DRAWN:
CHECKED BY:

APPROVED BY:
John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 1-30-73

MAGNOLIA CENTER STORM DRAIN
NELSON STREET LATERAL
TRAFFIC PLANS
1970 STORM DRAIN BOND ISSUE PROJECT NO. 12

PROJECT NO. 1-0-192
DRAWING NO. 1-288
SHEET NO. 14 OF 24

D-269



STAGES II, IV, VI, & VIII

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

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

APPROVED BY:
John W. Bryant
CHIEF ENGINEER R.E. NO. 8822
DATE: 1-30-73

MAGNOLIA CENTER STORM DRAIN
NELSON STREET LATERAL
TRAFFIC PLAN
1970 STORM DRAIN BOND ISSUE PROJECT NO. 12

PROJECT NO. 1-0-192
DRAWING NO. 1-288
SHEET NO. 15 OF 24

D-269