RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

COLUMBIA AVE. STORM DRAIN

SPRINGBROOK CHANNEL TO ORANGE STREET

CONSTRUCTION LEGEND

CENTER LINE ——℄——
RIGHT-OF-WAY LINE ——R/W——
SUBDIVISION LOT LINE ——R——

TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

CONSTRUCT 2-1/2" THICK A.C. SIDEWALK

(A) ABANDON S.D. MANHOLE, SEE DETAIL, "PROFILE LATERAL 'A'", SHEET 5.

(E) TO BE RELOCATED PRIOR TO CONSTRUCTION BY PUBLIC UTILITIES DEPT., ELECTRIC DIVISION.

(W) TO BE REMOVED, RELOCATED OR ADJUSTED TO GRADE BY PUBLIC UTILITIES DEPT., WATER DIVISION.

(R I) REMOVE ENTIRE TREE. CLASS AS SHOWN ON PLAN. CLASS I: >6" TO ≤18" DIA., CLASS II: >18" TO 36" DIA., CLASS III: >36" DIA.

(T I) TRANSPLANT PALM TREE. CLASS SIZES THE SAME AS FOR TREE REMOVAL.

(G) TO BE RELOCATED PRIOR TO CONSTRUCTION BY SOUTHERN CALIFORNIA GAS COMPANY.

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.

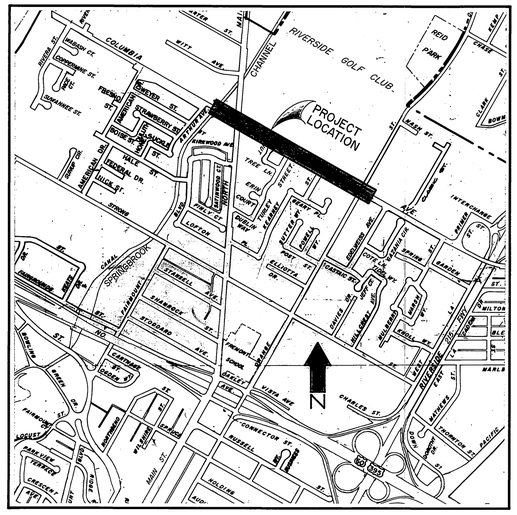
(D80) (D83) STATE OF CALIFORNIA, BUSINESS AND TRANSPORTATION AGENCY, DEPARTMENT OF TRANSPORTATION, STANDARD PLANS, DATED JANUARY 1988.

B/3 — DETAIL, SHEET

TDL/9 — REPLACE TRAFFIC SIGNAL DETECTOR LOOPS, NUMBER OF LOOPS TO BE REPLACED.

GENERAL CONSTRUCTION NOTES

1. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN INTHE PROFILE. UTILITIES IN THE PROFILE AS —⌒/\/\— — —⊂⊃ INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
2. ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
3. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS A, C-34 OR C-42 LICENSE.
4. RIGHTS OF ENTRY HAVE BEEN OBTAINED FOR WORK SHOWN OUTSIDE OF CITY RIGHT-OF-WAY.
5. UTILITIES SHOWN IN CONFLICT WITH PROPOSED STORM DRAIN FACILITIES WILL BE RELOCATED PRIOR TO CONSTRUCTION.
6. FOR CHANNEL CONSTRUCTION, APPLY EPOXY RESIN ADHESIVE WHERE NEW CONCRETE MEETS EXISTING CONCRETE.



PROJECT LOCATION PLAN

0 KM. 0.5 KM. 1 KM. 1.5 KM.
0' 500' 1000' 2000' 3000' 4000' 5000' 6000'

SCALE 1" = 1000'

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER ——8"S——
WATER LINE ——6"W——
STORM DRAIN ——24"S.D.——
GAS LINE ——3"G——
IRRIGATION LINE ——20" IRR.——
ABANDONED UTILITY ———6"G(ABAN'D.)———

TELEPHONE CONDUIT ——T——T——
ELECTRICAL CONDUIT ——E——E——
ELECTROLIER LIGHTING CONDUIT ——ELC——
TRAFFIC SIGNAL ——SIG——SIG——
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
ep (asphalt) (dir.) ep EDGE OF PAVEMENT
BUILDING
UNDERGROUND STRUCTURE
OVERHANGING STRUCTURE

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

IMPORTANT NOTICE

Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call Underground Service Alert TOLL FREE 1-800-422-4133 Two working days before you dig.

ENGINEER IN RESPONSIBLE CHARGE
Ronald C. Mueller
RONALD C. MUELLER
R.C.E. 29510 expires 3-31-91
DATE 9-25-89

REGISTERED PROFESSIONAL ENGINEER — RONALD C. MUELLER — NO. 29510 — Expires: 3/31/91 — CIVIL — STATE OF CALIFORNIA

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER		10-2-89
DEPUTY P.W. DIRECTOR		
TRAFFIC DIVISION		9-28-89
CHIEF P.W. INSPECTOR		9-27-89
SURVEYOR		9-26-89

APPROVED BY:
PUBLIC WORKS DIRECTOR
DATE Oct. 16, 1989

COLUMBIA AVE.
STORM DRAIN
SPRINGBROOK CHANNEL TO ORANGE ST.
DESIGNED BY SK DRAWN BY SK CHECKED BY RCM

ACCOUNT No. 09-573-434
DRAWING NUMBER
D-548
SHEET 1 OF 6

INDEXED 4/12/90 CD

EXIST. SURFACE @ ℄ PROP. S.D.

F.L. PROP. 48" R.C.P. @ 41' LT OF ℄ COLUMBIA

H.G.L.

EXIST. P.C.C. CHANNEL LINING

0+32.03 ℄ S.D. END OUTLET STRUCTURE. BEGIN 48" R.C.P. 806.75 F.L.

0+44.03 B.C. ℄ S.D. 806.78 F.L.

1+20.16 E.C. ℄ S.D. 806.93 F.L.

1+23.40 B.C. ℄ S.D. 807.04 F.L.

2+85.31 P.R.C. ℄ S.D. 807.26 F.L.

809.96 H.G.L.

809.82 WATER SURFACE

805.60 F.L.

CONNECT EXIST. 15"-D (N) LATERAL 'A' (808.60 F.L.)

REMOVE INTERFEARING PORTIONS OF EXIST. 15"-D. PLUG AND ABANDON.

2"-G

2"-W

ABAND'D 18" CAR.

ABAND'D 2" W

2"-G 36" COVER

12"-W 57" COVER

SIG.

4"-TEL. 2-DU. 19" COVER

4"-TEL. 2-DU. 8'-9" COVER

3+97.22 E.C. ℄ S.D. 807.48 F.L.

5+00 ℄ S.D.= 10+95.71 COLUMBIA

18" INLET (S) LATERAL 'B'

S = 0.002

811.22 H.G.L.

4+97.69 ℄ S.D. 807.69 F.L.

5+02.32 ℄ S.D. 807.69 F.L.

INSTALL 466 L.F. - 48" R.C.P., 1500D, Q = 61.5 C.F.S.

INSTALL 445 L.F. - 48" R.C.P., 1500D, Q = 58.5 C.F.S.

9+50 ℄ S.D.= 15+45.71 COLUMBIA

812.32 H.G.L.

9+47.67 ℄ S.D. 808.58 F.L.

9+52.33 ℄ S.D. 808.59 F.L.

INSTALL 252 L.F. - 48" R.C.P. 1500D, Q = 58.5 C.F.S.

12+04.29 ℄ S.D. 809.10 F.L.

MATCH SHEET 3

815 810 805 800

0 1 2 3 4 5 6 7 8 9 10 11 12

BENCHMARK

P.K. NAIL AND TAG IN EAST CURB OF MAIN ST. 18'± SOUTH OF B.C.R.D. AT COLUMBIA AVE. ELEV. = 813.234

RIVERSIDE GOLF CLUB

SALVAGE & REPLACE RETAINER TO ORIGINAL LOCATION.

PROTECT IN PLACE

LIMIT OF INGRESS @ 54' LT. OF ℄ COLUMBIA AVE.

RAILROAD TIE RETAINER

WOOD SIGN BALL WASHER WOOD BENCH

DRINKING FOUNTAIN

CATCH BASIN

3911 3879 3865 1191

R/W 15' 15' R/W

6+47.80 ℄ COLUMBIA= 10+00 ℄ SPRINGBROOK CHANNEL

EXIST. 7'XS' DOUBLE R.C.B.

LATERAL 'A' CONNECT EXIST. 15"-D

18" IRR.

COLUMBIA AVENUE

42' 44' 32' 41'

15"-D

6"-W

ABAND'D 2"-W

12"-W

4"-W

S 60°57' E

10+00 ℄ COLUMBIA AVE.= 10+00 ℄ MAIN ST.

ELC

SEE SHEET 4 SPRINGBROOK CHANNEL & OUTLET DETAIL.

0+44.03 B.C. ℄ S.D. 0+32.03 ℄ S.D. BEGIN 48" R.C.P.

9+15 ℄ SPRINGBROOK CHANNEL = 0+00 ℄ PROP. S.D.

N 78°28'10" E

25' 15' 15' RIGHT OF ENTRY

20' S.D. ESMT.

1+20.16 E.C. ℄ S.D. 7+27.37 ℄ COLUMBIA @ 20' HT.

1+23.40 B.C. ℄ S.D.= 7+80.61 ℄ COLUMBIA @ 20' HT.

LATERAL 'B' INSTALL 4± L.F. 18" R.C.P. 2000D

(VACANT LOT)

MAIN ST.

TEMPORARY CONSTRUCTION FENCE @ 54' LT.

10' LIMIT OF INGRESS

R/W 44' TO ℄ COLUMBIA 41' TO ℄ COLUMBIA 32' TO ℄ COLUMBIA

GOLF COURSE

REMOVE, SALVAGE & REPLACE EXIST. FENCE TO 37' LT. ℄ COLUMBIA AVE.

EXIST. C&G

PROP. 48" R.C.P.

PROTECT EXIST. 16"-D AND APPURTANENCES IN PLACE EXCEPT AS OTHERWISE NOTED ON THE PLAN.

TYPICAL S.D. SECTION

STA. 4+54 +/- TO 12+04.29

SCALE: 1"=8'

STA. 18+00 COLUMBIA

MATCH SHEET 3

CURVE DATA

SYMBOL	R	Δ	T	L
1	90'	48°27'50"	40.51'	76.13'
2	200'	32°03'33"	57.46'	111.91'

MARK REVISIONS APPR. DATE

DESIGNED BY SK DRAWN BY SK CHECKED BY RCM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	10-3-89	
DEPUTY P.W. DIRECTOR	10-15	
CHIEF P.W. INSPECTOR	9/22/89	
SURVEYOR	9/25/89	
TRAFFIC DIVISION	9-28-89	
PARK DEPARTMENT		

APPROVED BY

PUBLIC WORKS DIRECTOR

DATE Oct. 16, 1989

COLUMBIA AVE. STORM DRAIN

SPRINGBROOK CHANNEL TO ORANGE ST.

ACCOUNT NO. 09-573-434

D-548

SHEET 2 OF 6

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

TELEDYNE POST 123120

INDEXED 4/90 CD

EXIST. SURFACE @ ℄ PROP. S.D.

PROP. SURFACE @ ℄ S.D.

F.L. PROP 4'X3' R.C.B.

EXIST. SURFACE @ ℄ PROP. S.D.

F.L. PROP. 48" R.C.P.

H.G.L.

12+04.29 ℄ S.D. = 18+00 ℄ COLUMBIA

812.62 H.G.L.

809.74 F.L.

809.48 F.L.

809.10 F.L.

MATCH SHEET 3

S=0.002

14+00.00 ℄ S.D. = 19+95.71 ℄ COLUMBIA

813.02 H.G.L.

13+97.50 ℄ S.D. END 48" R.C.P.

14+02.50 ℄ S.D. BEGIN 4'X3' R.C.B.

INSTALL 194 L.F. - 48" R.C.P. 1500D, Q = 58.5 C.F.S.

22+00 ℄ COLUMBIA = 16+04.29 ℄ S.D. SEE SECT. H-6

S = 0.002

810.41 F.L. 12" FLAPGATES (NGS)

INSTALL 395 L.F. - 4'X3' R.C.B., Q = 58.5 C.F.S.

18+00.00 ℄ S.D. = 23+95.71 ℄ COLUMBIA

813.98 H.G.L.

810.54 F.L.

810.53 F.L.

17+97.50 ℄ S.D. END 4'X3' R.C.B.

19+02.50 ℄ S.D. BEGIN 48" R.C.P.

2 1/2 : 1

24"-W

S = 0.002

INSTALL 502 L.F. - 48' R.C.P., 1500D, Q = 58.5 C.F.S.

22+46.31 B.C. ℄ S.D. 811.41 F.L.

22+70.82 P.R.C. ℄ S.D. 811.47 F.L.

22+95.33 P.C.C. ℄ S.D. 811.53 F.L.

23+04.43 P.O.C. ℄ S.D. 811.54 F.L.

815.08 H.G.L.

MATCH SHEET 5

825 820 815 810

12 13 14 15 16 17 18 19 20 21 22 23

BENCHMARK

P.K. NAIL AND TAG IN EAST CURB OF MAIN ST. 18'± SOUTH OF B.C.R. AT COLUMBIA AVE. ELEV. = 813.234

RIVERSIDE GOLF CLUB

REMOVE EXIST. OLEANDER HEDGE

LIMIT OF INGRESS @ 54' LT. OF ℄ COLUMBIA AVE.

EXIST. 6' WIDE P.C.C. CART PATH

EXIST. 8' GUY

42" ELM

36" PALM

END WIRE MESH FENCE BEGIN CHAIN LINK FENCE

30"-W

P.P. NO 9

12+04.29 ℄ S.D. = 18+00 ℄ COLUMBIA @ 40'LT.

14+00.00 ℄ S.D. = 19+95.71 ℄ COLUMBIA

22+00 ℄ COLUMBIA = 16+04.29 ℄ S.D.

18+00.00 ℄ S.D. = 23+95.71 ℄ COLUMBIA

22+46.31 B.C. ℄ S.D. = 28+42.02 ℄ COLUMBIA @ 41'LT.

22+70.82 P.R.C. ℄ S.D. = 28+66.47 ℄ COLUMBIA @ 42.5'LT.

22+95.33 P.C.C. ℄ S.D. = 29+90.92 ℄ COLUMBIA @ 44'LT.

23+04.43 P.O.C. ℄ S.D. = 29+00 ℄ COLUMBIA @ 43.54'LT.

R/W 44' 32' ℄

12"-W 2"-G 4"-W

16"-D @ ℄ L.

15"-D

8'-D

COLUMBIA AVENUE

MATCH SHEET 2

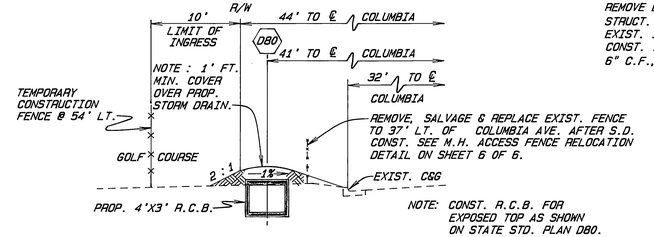
℄ TURLEY ST.

℄ KEARNEY ST.

MATCH SHEET 5

3"-G 12"-W 24"-W

REMOVE EXIST. OUTLET STRUCT. PLUG & ABAND. EXIST. 15"-D INLET. CONST. 11± L.F. 20DI, 6" C.F., CURB & GUTTER



NOTE: CONST. R.C.B. FOR EXPOSED TOP AS SHOWN ON STATE STD. PLAN D80. APPLY S/W FINISH TO TOP OF R.C.B. (TOP OF R.C.B. INTENDED TO BE FUTURE S/W LOCATION.

TYPICAL S.D. SECTION

STA. 14+02.50 TO 17+97.50

SCALE: 1"=8'

CURVE DATA

SYMBOL	R	Δ	T	L
③	200'	7°01'18"	12.27'	24.51'
④	90'	5°47'36"	4.55'	9.10'

MARK	REVISIONS	APPR.	DATE

DESIGNED BY S.K. DRAWN BY S.K. CHECKED BY R.C.M.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	APPROVED BY	DATE	BY
	PRINCIPAL ENGINEER	10-2-89	
	DEPUTY P.W. DIRECTOR	10-3-89	
	CHIEF P.W. INSPECTOR	9/21/89	
	SURVEYOR	9/20/89	
	TRAFFIC DIVISION	9-28-89	
	PARK DEPARTMENT		

APPROVED BY

PUBLIC WORKS DIRECTOR

DATE Oct. 16, 1989

COLUMBIA AVE. STORM DRAIN

SPRINGBROOK CHANNEL TO ORANGE ST.

ACCOUNT NO. 09-573-434

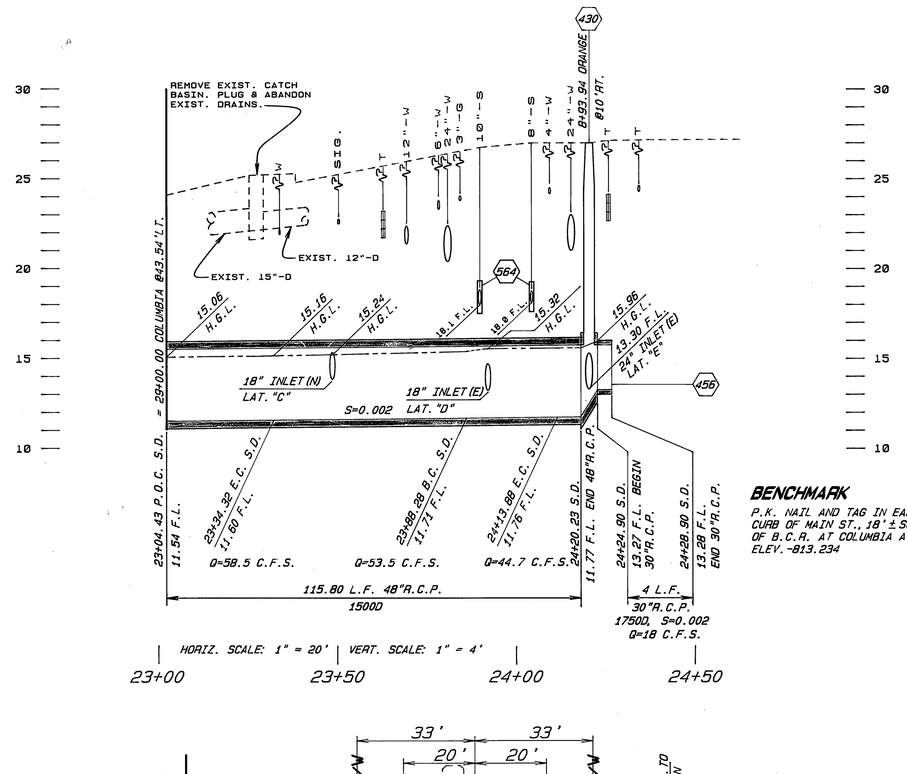
D-548

SHEET 3 OF 6

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

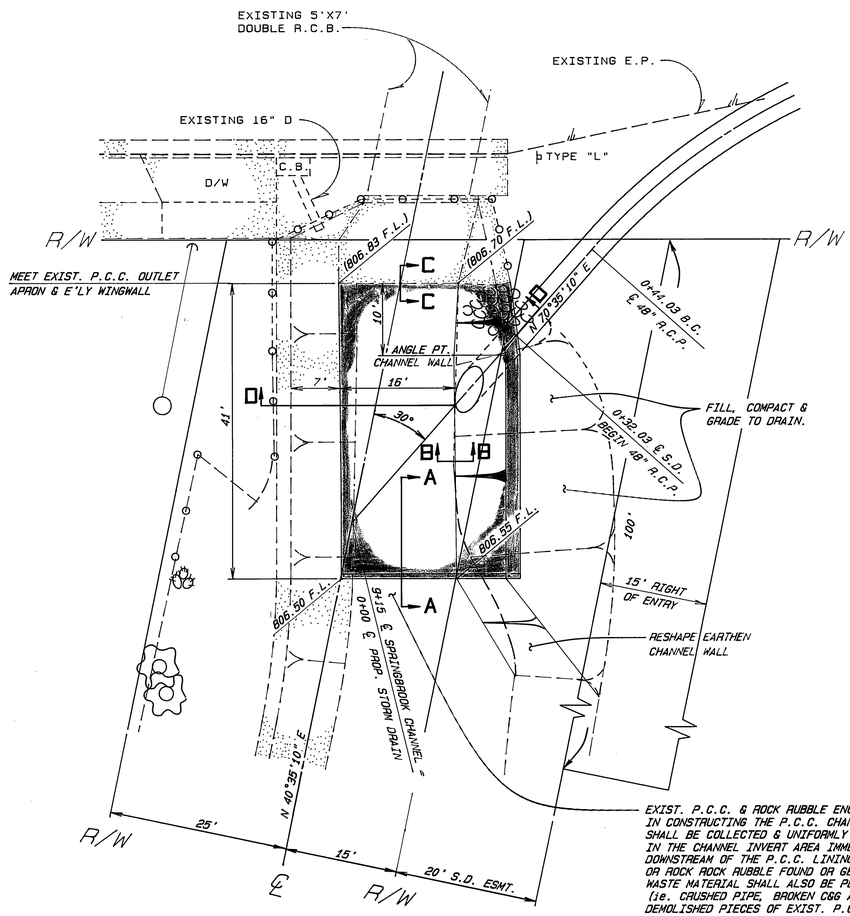
TELEDYNE POST 123120

INDEXED 4/90 CD



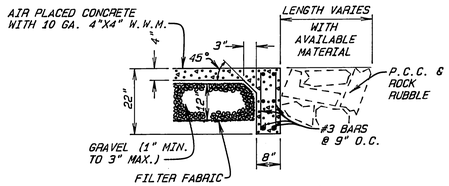
BENCHMARK

P.K. NAIL AND TAG IN EAST CURB OF MAIN ST., 18'± SOUTH OF B.C.R. AT COLUMBIA AVE. ELEV. -813.234



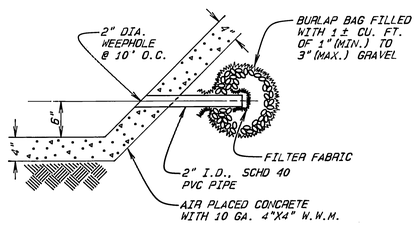
SPRINGBROOK CHANNEL & OUTLET STRUCTURE DETAIL

SCALE: 1"=10'



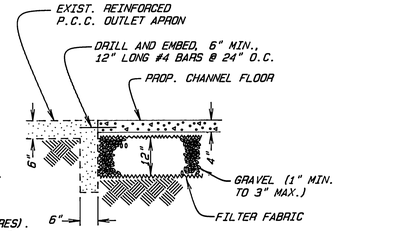
SECTION A-A
CHANNEL CUT-OFF WALL DETAIL

SCALE: 1"=2'



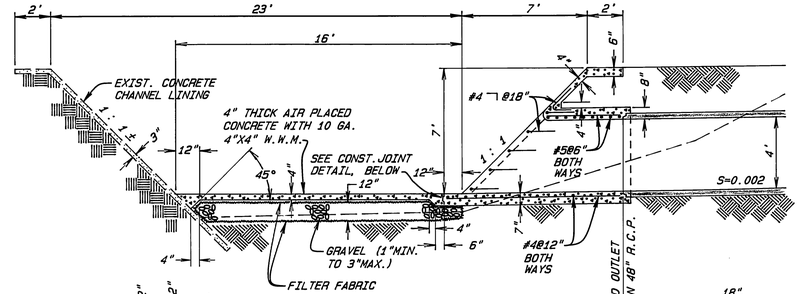
SECTION B-B
WEEPHOLE DETAIL

SCALE: 1"=1'



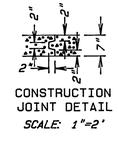
SECTION C-C

SCALE: 1"=2'



SECTION D-D

SCALE: 1"=4'

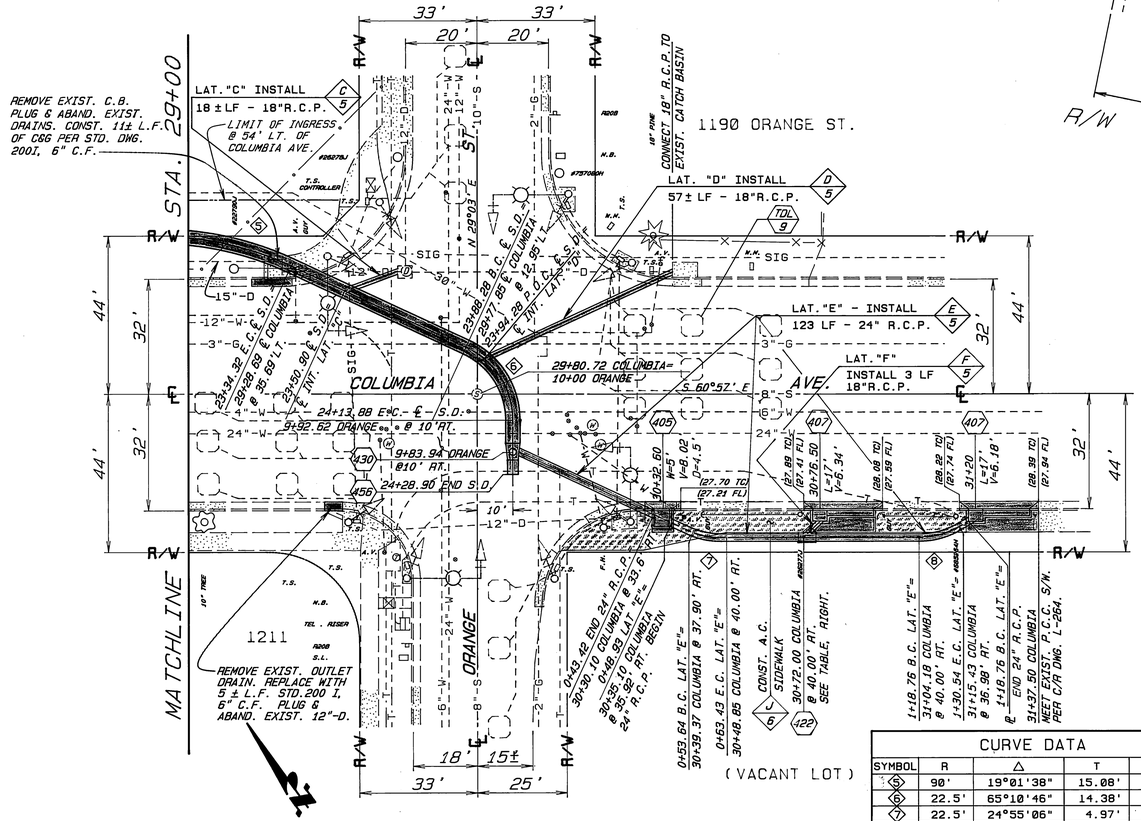


CONSTRUCTION JOINT DETAIL

SCALE: 1"=2'

REBAR DETAIL

SCALE: 1"=2'



J.S.'C' STD. DWG. 422	
A	45°00'00"
B	18"
C'	4.0'
D_1	24"
D_2	24"
E'	4.0'
F'	5.0'
ELEV. 'R'	21.36
ELEV. 'S'	20.96

CURVE DATA				
SYMBOL	R	△	T	L
5	90'	19°01'38"	15.08'	29.89'
6	22.5'	65°10'46"	14.38'	25.60'
7	22.5'	24°55'06"	4.97'	9.79'
8	22.5'	30°00'00"	6.03'	11.78'

MARK	REVISIONS	APPR.	DATE

DESIGNED BY SK DRAWN BY SK CHECKED BY RTM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	10-2-89	
PARK DEPARTMENT		
TRAFFIC DIVISION	9-28-89	
CHIEF F. W. ENGINEER		
SURVEYOR	9/26/89	
CHIEF P.W. INSPECTOR	9/27/89	

PUBLIC WORKS DIRECTOR

DATE Oct. 16, 1989

COLUMBIA AVE. STORM DRAIN

SPRINGBROOK CHANNEL TO ORANGE ST.

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

ACCOUNT NO. 09-573-434

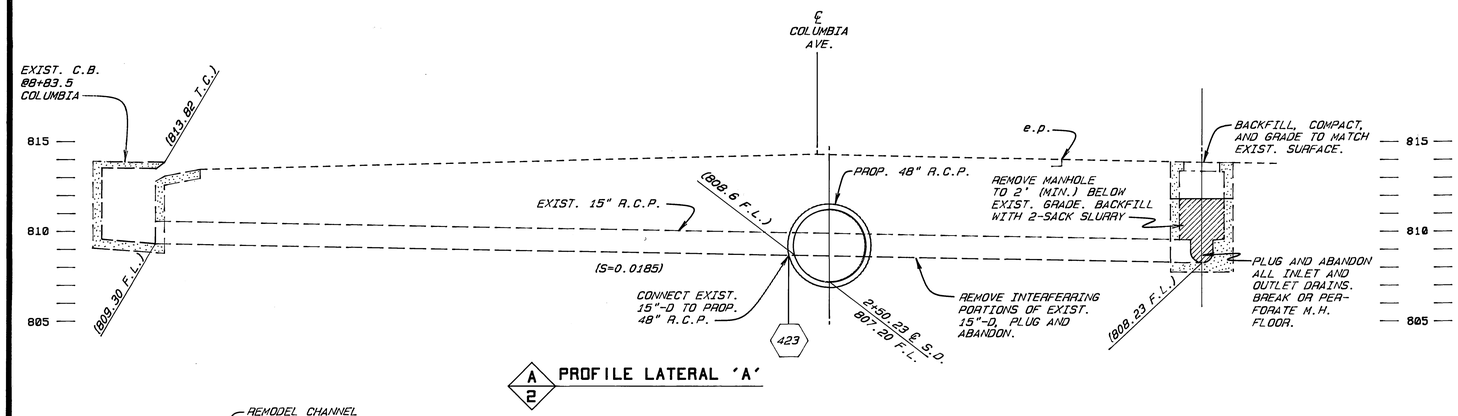
D-548

SHEET 4 OF 6

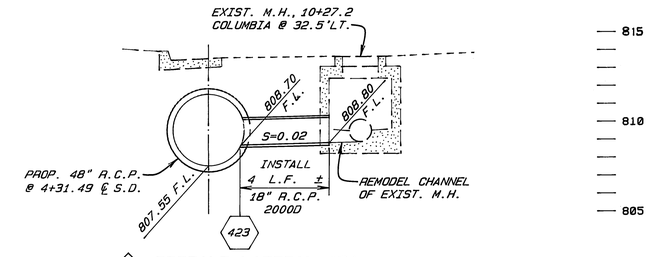
INDEXED 4/90 CD

88531

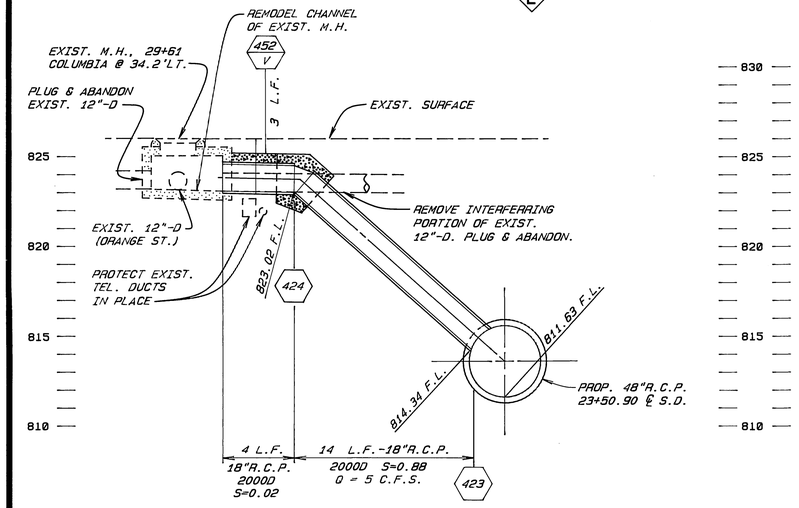
OZALID- NO.2



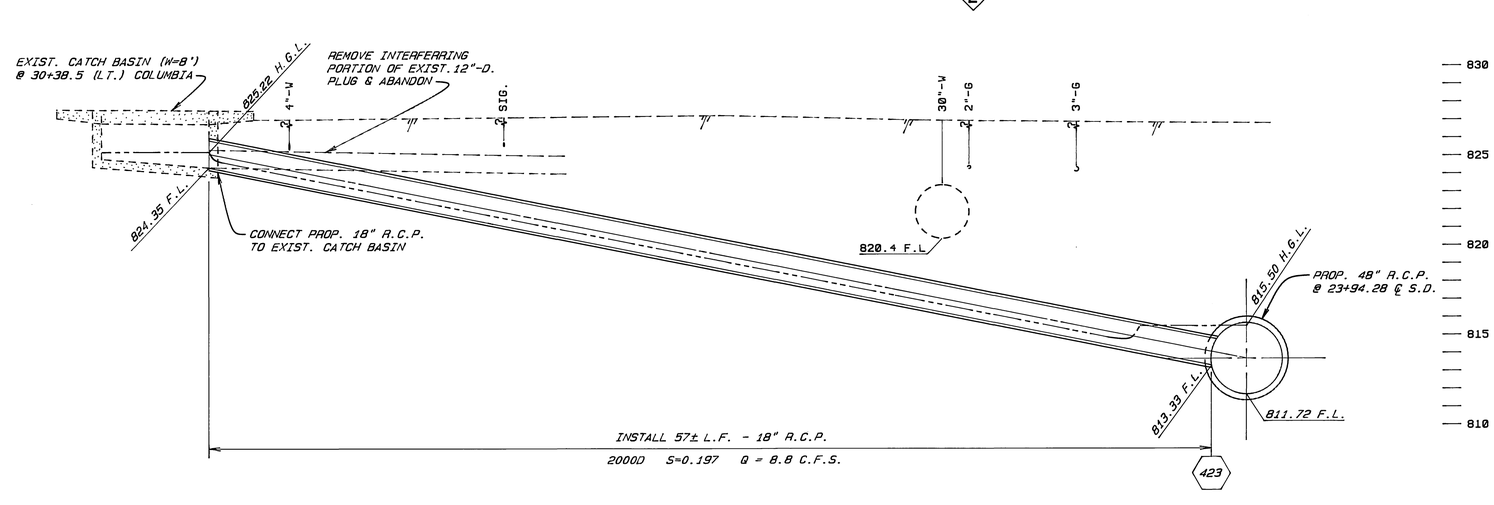
A/2 PROFILE LATERAL 'A'



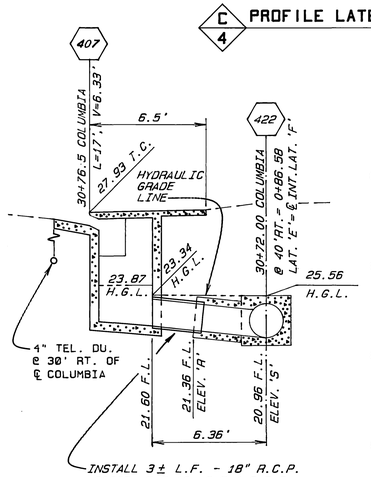
B/2 PROFILE LATERAL 'B'



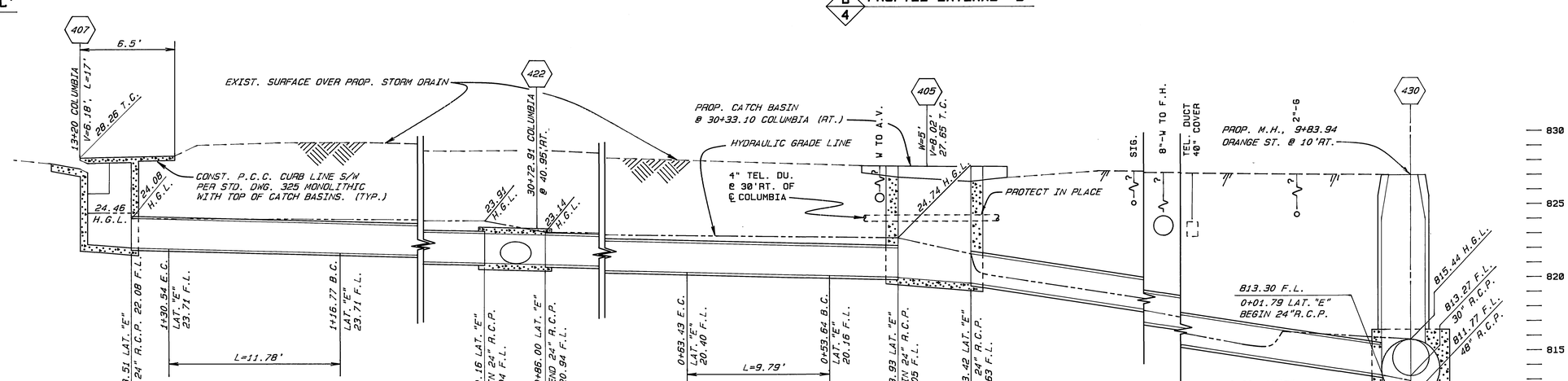
C/4 PROFILE LATERAL 'C'



D/4 PROFILE LATERAL 'D'



F/4 PROFILE LATERAL 'F'



E/4 PROFILE LATERAL 'E'

MARK	REVISIONS	APPR.	DATE

DESIGNED BY SK DRAWN BY SK CHECKED BY RCM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	APPROVED BY	DATE	BY
	PRINCIPAL ENGINEER	10-2-69	[illegible]
	PARK DEPARTMENT		
	TRAFFIC DIVISION	9-28-69	[illegible]
	CHIEF P. W. ENGINEER	10-15-69	[illegible]
	SURVEYOR	9/24/69	[illegible]
	CHIEF P.W. INSPECTOR	9/23/69	[illegible]

APPROVED BY [signature] PUBLIC WORKS DIRECTOR

DATE Oct. 16, 1969

COLUMBIA AVE. STORM DRAIN
SPRINGBROOK CHANNEL TO ORANGE ST.

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

ACCOUNT NO. 09-573-434

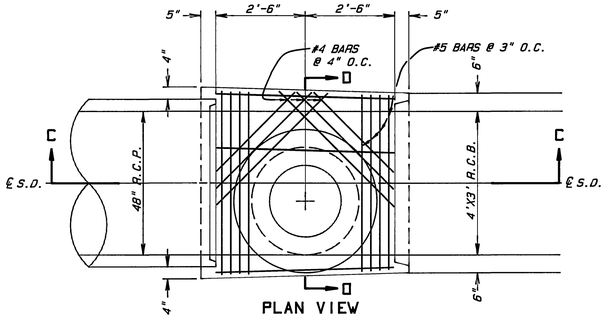
D-548

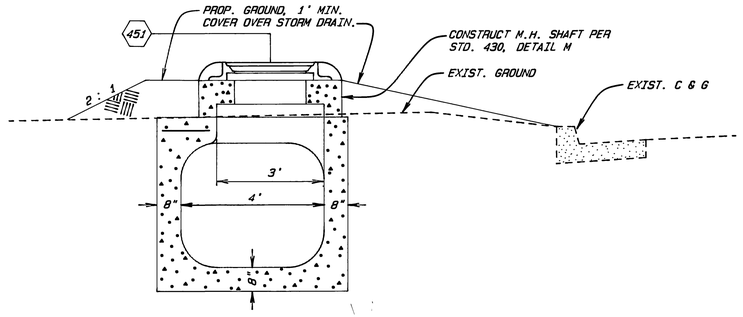
SHEET 5 OF 6

88631

OZALID-NO.2

INDEXED 4/90 CD

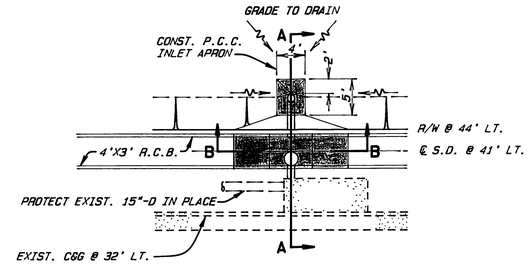




SCALE: 1"=2'

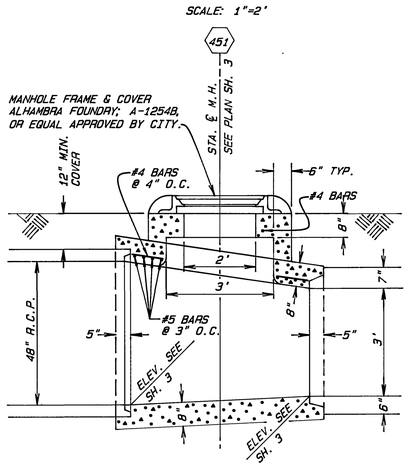
I/3 TRANSITION STRUCTURES DETAIL
@ 19+96.01 & 23+96.01 ℄ COLUMBIA

NOTE: THE FLOW TRANSITIONS FROM THE 48" R.C.P. TO THE 4'X3' R.C.B. THROUGH THE STRUCTURE AT STA.23+96.01. M.H.'S SHALL BE LOCATED TO THE STREET SIDE OF THE STORM DRAIN.



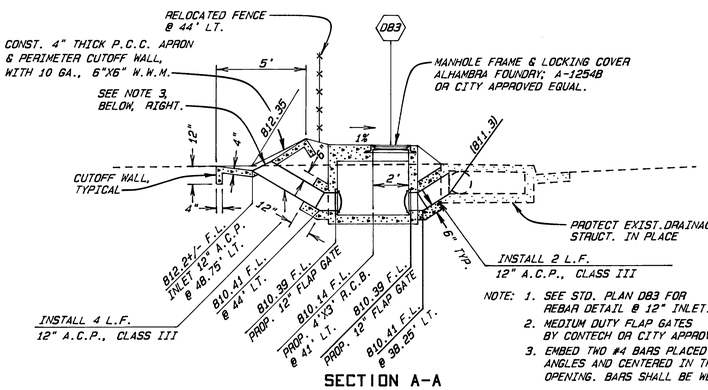
H/3 FLUSH M.H. & FLAP GATE DETAIL
AT 22+00.00 COLUMBIA

SCALE : 1"=10'



SECTION C-C

SCALE: 1"=2'

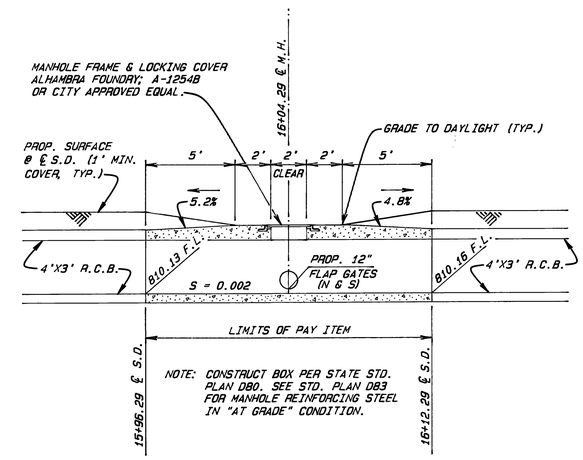


NOTE:
1. SEE STD. PLAN D83 FOR REBAR DETAIL @ 12" INLET.
2. MEDIUM DUTY FLAP GATES BY CONTECH OR CITY APPROVED EQUAL.
3. EMBED TWO #4 BARS PLACED AT RIGHT ANGLES AND CENTERED IN THE INLET OPENING. BARS SHALL BE WELDED TOGETHER.

SECTION A-A

STA. 16+04.29 ℄ S.D.

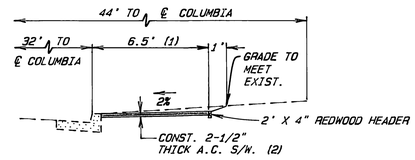
SCALE: 1"=4'



NOTE: CONSTRUCT BOX PER STATE STD. PLAN D80. SEE STD. PLAN D83 FOR MANHOLE REINFORCING STEEL IN "AT GRADE" CONDITION.

SECTION B-B

SCALE: 1"=4'



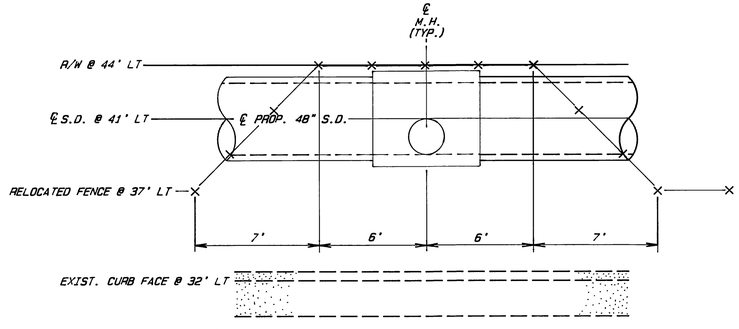
J/4 TYPICAL SECTION
A.C. SIDEWALK

STA. 30+10± TO 31+37.5±
COLUMBIA AVE.

SCALE : 1"=4'

NOTES:

(1) PRIOR TO PLACING ASPHALT CONCRETE, APPLY AN APPROVED HERBICIDE, RATE OF APPLICATION PER MANUFACTURER'S RECOMMENDATIONS.



G/2 MANHOLE ACCESS
FENCE RELOCATION DETAIL

SCALE: 1' = 4'

MARK	REVISIONS	APPR.	DATE

DESIGNED BY SK DRAWN BY SK CHECKED BY RCM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	APPROVED BY	DATE	BY
	PRINCIPAL ENGINEER	10-2-89	[illegible]
	PARK DEPARTMENT		
	TRAFFIC DIVISION	9-28-89	[illegible]
	CHIEF P.W. ENGINEER	10-2-89	[illegible]
	SURVEYOR	9/26/89	[illegible]
	CHIEF P.W. INSPECTOR	9/26/89	[illegible]

APPROVED BY [illegible]
PUBLIC WORKS DIRECTOR
DATE Oct. 16, 1989

COLUMBIA AVE. STORM DRAIN
SPRINGBROOK CHANNEL TO ORANGE ST.

ACCOUNT NO. 09-573-434

D-548

SHEET 6 OF 6

HORIZ. SCALE: 1" = AS SHOWN VERT. SCALE: 1" = AS SHOWN

INDEXED 4/90 CD.

88531

OZALID- NO.2