RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE

INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

BENEDICT CANYON STORM CHANNEL

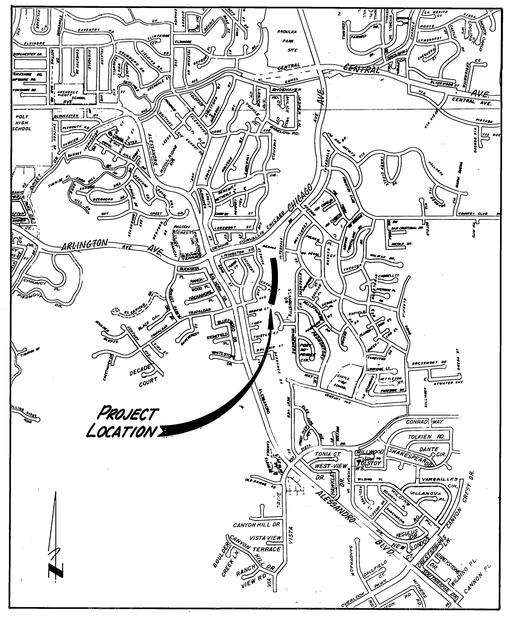
SOUTH OF CHICAGO AVENUE

GENERAL NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE, STD. DWGS. AND STD. SPECS. FOR PUBLIC WORKS CONSTRUCTION, 1988 EDITION
2. NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STD. DWG. AND SHALL BE CONSTRUCTED ACCORDINGLY UNLESS MODIFICATIONS ARE NOTED ON THE PLAN. ANY NUMBER SHOWN BELOW THE STD. DWG. NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
2. REMOVE CONC. SLAB, CONC. RUBBLE & ROCK FILLED GABION BASKET. (SEE SPECIAL PROVISIONS).
3. CUT & FILL SLOPES ARE 1.5:1
4. ALL ELEVATIONS SHOWN ON PLAN SHALL BE STAKED IN THE FIELD.
5. TRANSVERSE WEAKENED PLANE JOINTS REQUIRED @ 25' INTERVALS OR AS DIRECTED BY ENGINEER.

CONSTRUCTION NOTES

1. CONSTRUCT ~~AIR-PLACED~~ * TRANSIT MIX CONC. CHANNEL AS SHOWN ON PLAN AND IN TYPICAL SECTION.
2. CONSTRUCT CHAIN LINK FENCE PER STD. DWG. 380, H=6'.
3. IMPORTED DIRT FILL MATERIAL @ 85% REL. COMP.
4. CONSTRUCT GRADED DIRT SERVICE ROAD @ 2% CROSS SLOPE.
5. CONSTRUCT CONC. CHANNEL TRANSITION SECTION WITH VARYING SIDE SLOPE (FROM 1:1 TO 1.5:1) AS SHOWN ON PLAN.
6. ABANDON SILT FENCE INCLUDING PIPE AND WIRE REVETMENT. (SEE SPEC. PROVISIONS)
7. CONSTRUCT CHAIN LINK GATE PER STD. DWG. 380, GATE LENGTH AS SHOWN ON PLAN, H=6'.
8. REMOVE EXIST. CLASS I TREE. (SEE SPEC. PROVISIONS)
9. CONSTRUCT CONCRETED ROCK SLOPE PROTECTION WITH VARYING SIDE SLOPES (FROM 1:1 TO 1.5:1) AS SHOWN ON PLAN. ROCK SIZE SHALL BE "FACING" CLASS GRADING.
10. CONSTRUCT ROCK SLOPE PROTECTION WITH VARYING SIDE SLOPES (1:1 MAX.) AS SHOWN ON ON PLAN. ROCK SIZE SHALL BE "LIGHT" CLASS GRADING.
11. IMPORTED DIRT FILL MATERIAL @ 90% REL. COMP.
12. CONST. CONC. APRON, 8" THICK AS SHOWN ON PLAN.



VICINITY MAP

* As built 2-1-89 TL

ENGINEER IN RESPONSIBLE CHARGE
HANS J. KAMRATH
R.C.E. 14712 expires 3/31/89
DATE 9/28/1988

REGISTERED PROFESSIONAL ENGINEER HANS J. KAMRATH NO: 14712 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY [signature] DRAWN BY [signature] CHECKED BY [signature]

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	9-28-88	[signature]
~~PARK DEPARTMENT~~		
~~TRAFFIC DIVISION~~		
CHIEF P. W. ENGINEER	10-14	[signature]
SURVEY JWS	INSP. 9/28/88	[signature]

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR
DATE 10/14/88

BENEDICT CANYON STORM CHANNEL

TITLE SHEET

SCALE: 1" = AS SHOWN

INDEXED: BRT

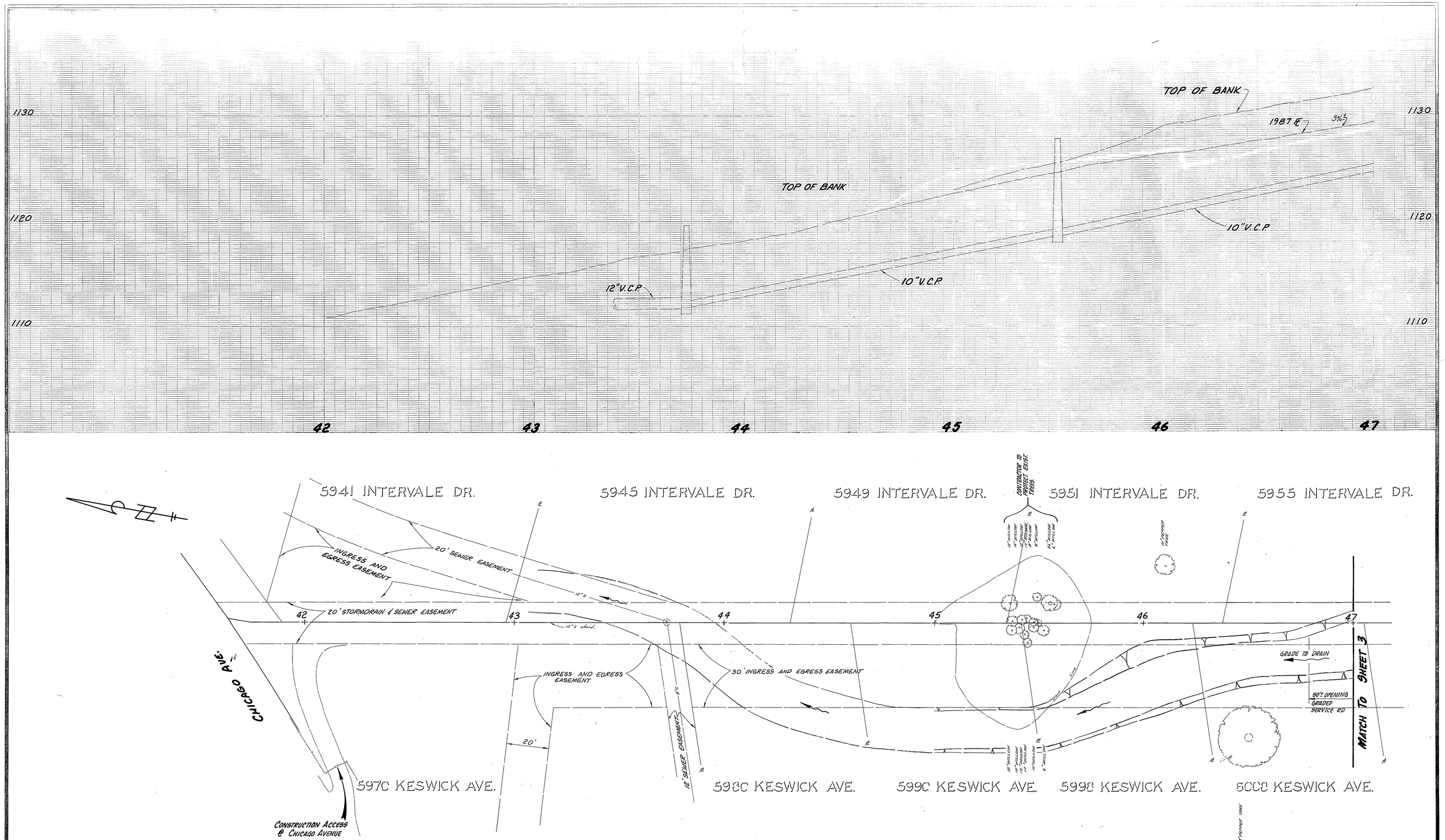
ACCOUNT NO. 32-577-597

D-541

SHEET 1 OF 4

88531

OZALID-NO.2



* As built 2-1-89 TE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY [signature] DRAWN BY TE CHECKED BY [signature]

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	9-28-88	[signature]
~~PARK DEPARTMENT~~		
~~TRAFFIC DIVISION~~		
CHIEF P.W. ENGINEER	10-14	[signature]
SURVEY JWS	INSP. RTR 9/28/88	

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR
DATE 10/14/88

BENEDICT CANYON SEWER PROTECTION

SOUTH OF CHICAGO AVE.

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

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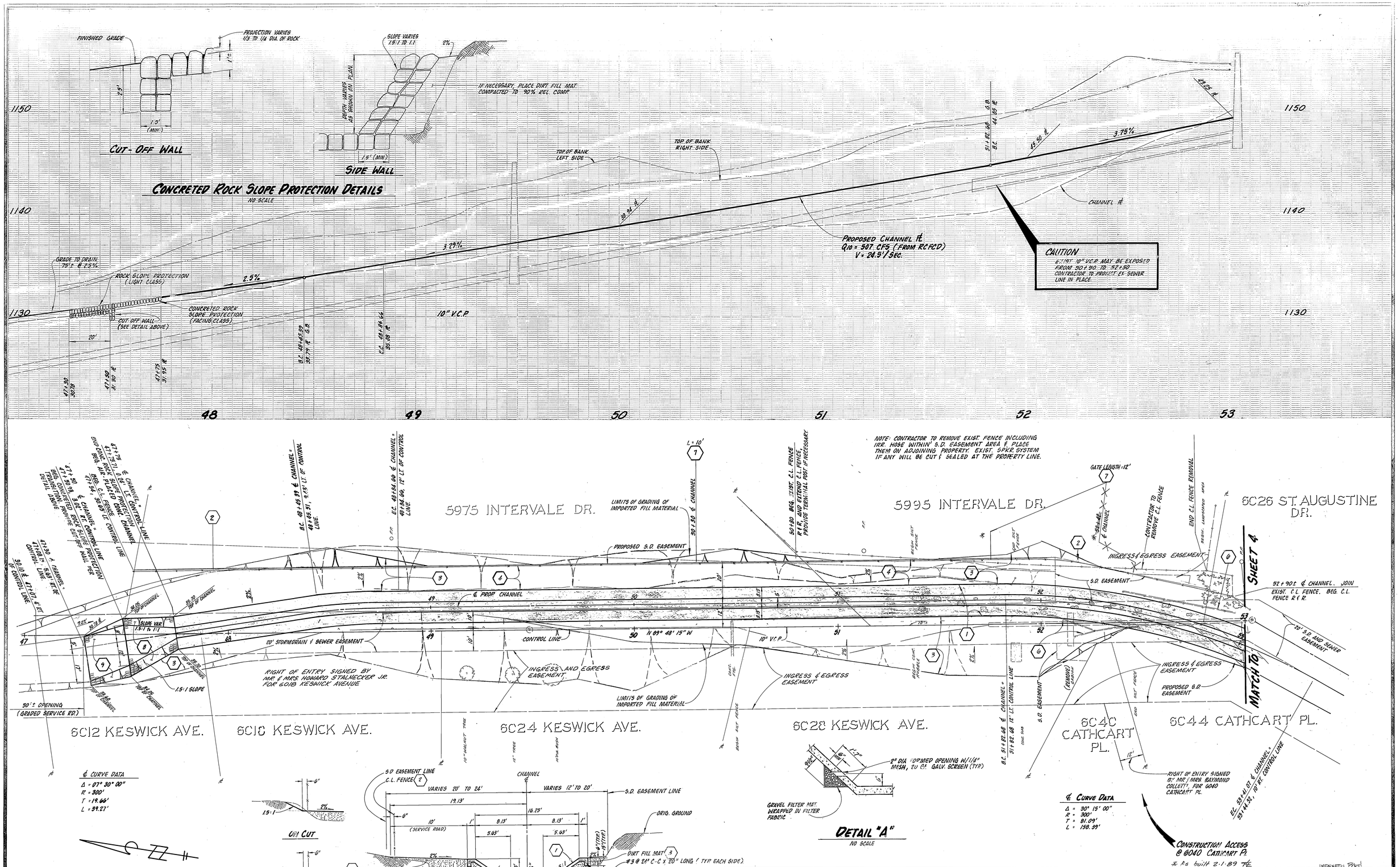
ACCOUNT NO. 32-577-597

D-541

SHEET 2 OF 4



MARK	REVISIONS	APPR.	DATE
DESIGNED BY DCH	DRAWN BY TE	CHECKED BY	

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	9-28-88	TE
~~PUBLIC REPAIR MAGNITUDE~~		
~~TRAFFIC DIVISION~~		
CHIEF PUBLIC ENGINEER	10-14-88	
SURVEY WUS	WSR	9/28/88

APPROVED BY Barry Beck
PUBLIC WORKS DIRECTOR
DATE 10/14/88

BENEDICT CANYON STORM CHANNEL

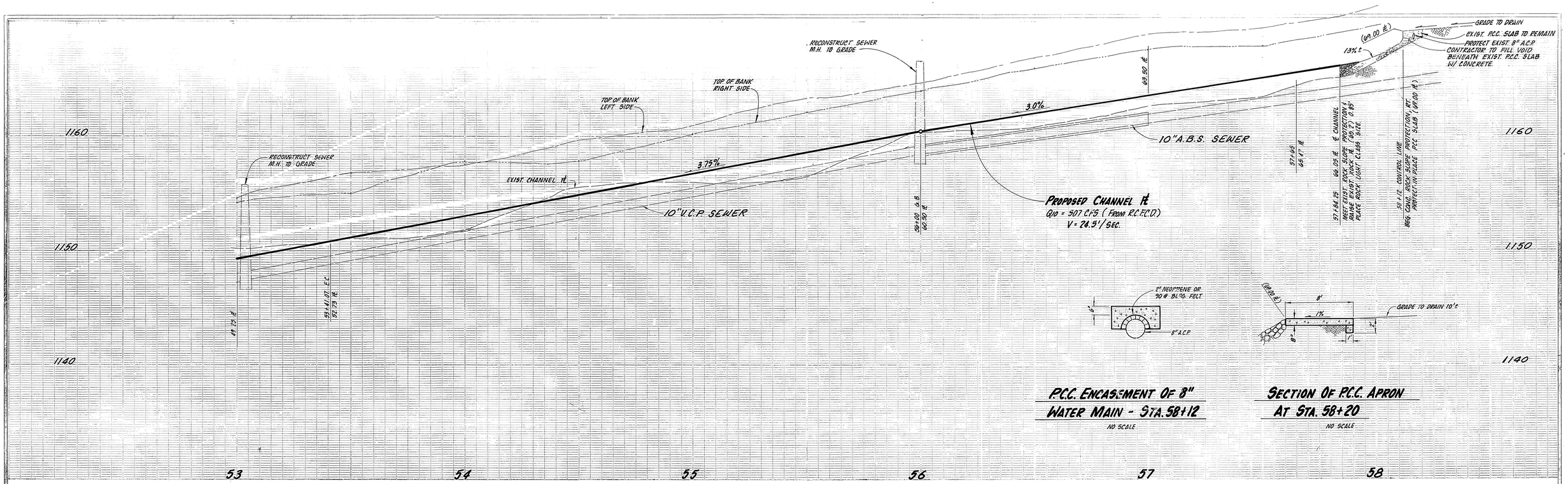
SOUTH OF CHICAGO AVE.

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

(INDEXED: TZW)
ACCOUNT NO. 32-577-597

D-541

SHEET 3 OF 4



P.C.C. ENCASEMENT OF 8" WATER MAIN - STA. 58+12

NO SCALE

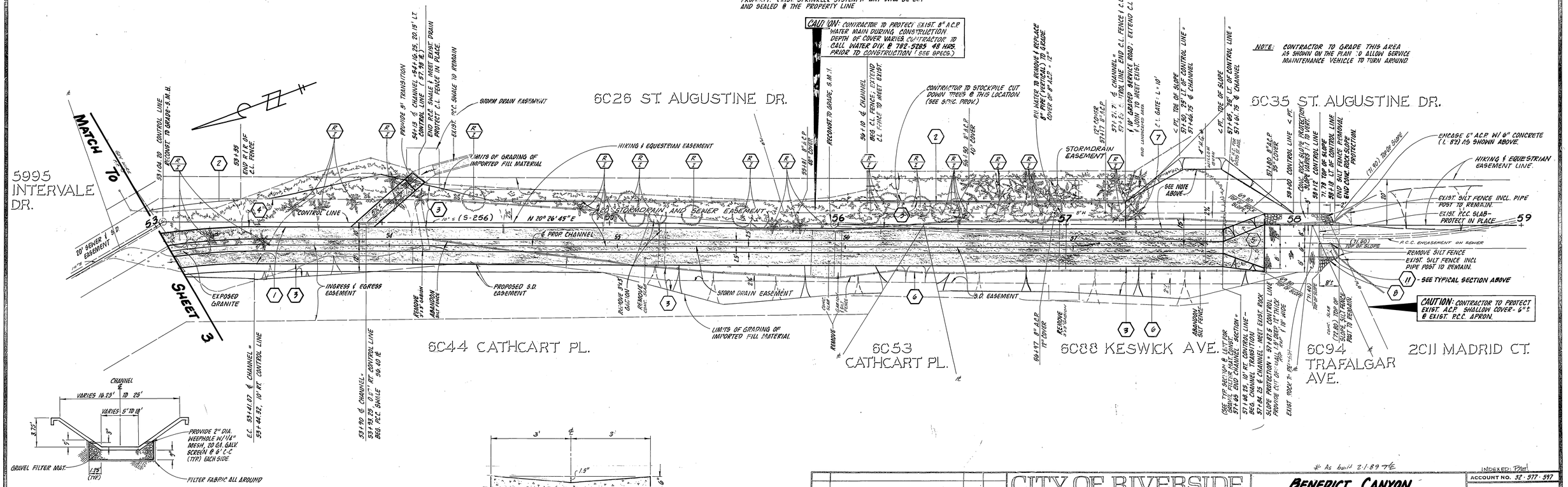
SECTION OF P.C.C. APRON AT STA. 58+20

NO SCALE

NOTE: CONTRACTOR TO REMOVE EXIST. IRR HOSE WITHIN THE S.D. EASEMENT AREA, AND PLACE THEM ON ADJOINING PROPERTY. EXIST. SPRINKLER SYSTEM IF ANY WILL BE CUT AND SEALED @ THE PROPERTY LINE

CAUTION: CONTRACTOR TO PROTECT EXIST. 8" A.C.P. WATER MAIN DURING CONSTRUCTION DEPTH OF COVER VARIES. CONTRACTOR TO CALL WATER DIV. @ 782-5285 48 HRS. PRIOR TO CONSTRUCTION. (SEE SPECS.)

NOTE: CONTRACTOR TO GRADE THIS AREA AS SHOWN ON THE PLAN TO ALLOW SERVICE MAINTENANCE VEHICLE TO TURN AROUND



TRANSITION STRUCTURE SHOWING GRAVEL FILTER MATERIAL

STA. 57+65 to 57+04.25 NO SCALE

P.C.C. SWALE SECTION

NO SCALE

* As built 2-1-89 TE

INDEXED: T2W

MARK	REVISIONS	APPR.	DATE

DESIGNED BY OHT DRAWN BY TE CHECKED BY Kenny

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	APPROVED BY	DATE	BY
PRINCIPAL ENGINEER		7-27-87	TE
PARK DEPARTMENT			
TRAFFIC DIVISION			
CHIEF ENGINEER		10-14	
SURVEY	WJS	INSP. 232	9/88

APPROVED BY Barry Bed
PUBLIC WORKS DIRECTOR
DATE 10/14/88

BENEDICT CANYON STORM CHANNEL

SOUTH OF CHICAGO AVENUE

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

ACCOUNT NO. 32-577-597

D-541

SHEET 4 OF 4