RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

VIA VISTA DRIVE

GLEN AIRE AVE. TO CLARIDGE DR.

LENGTH ≈ 2,193 L.F.

T.I. ≈ 6.0

CONSTRUCTION LEGEND

E.P. - EDGE OF PAVEMENT — T.P. - TOP OF PAVEMENT

P.L. - PROFILE LINE

CENTER LINE — TOP OF SLOPE

RIGHT-OF-WAY LINE — R/W — TOE OF SLOPE

SUBDIVISION LOT LINE — P/L — DIRECTION OF FLOW

(1) Construct structural section of 0.25' A.C. over 0.50' selected Material.

Construct A.C. sidewalk 0.17 ' thick over compacted fill or native soil.
Construct A.C. swale 0.25 ' thick over compacted fill or native soil.

SPECIFIC CONSTRUCTION NOTES

Numbers above 100 shown in a hexagon on the plan refer to the respective standard drawing numbers 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.

D89-4 State of California Business and Transportation Agency, Department of Transportation Standard Plans Dated March, 1977.

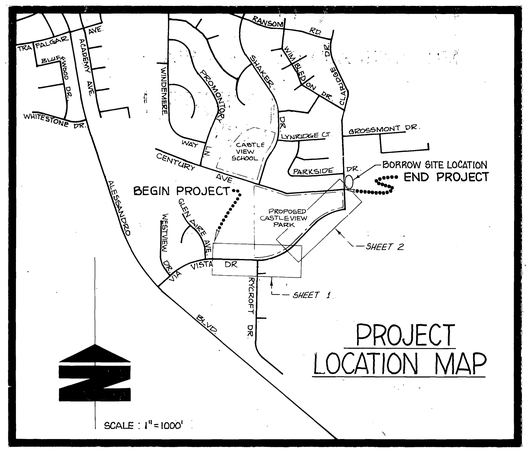
(400.00) Existing Elevation

401.00 Proposed Elevation

G 4 Detail, Page

GENERAL CONSTRUCTION NOTES

1. Rights of Entry have been obtained to excavate portion of private property shown.
2. All elevations shown on the Plan shall be staked in the field.
3. 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 in the profile. Utilities shown in the profile as ^| indicates that cover is unknown, but the utility is not expected to conflict with proposed improvements.



PROJECT LOCATION MAP

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

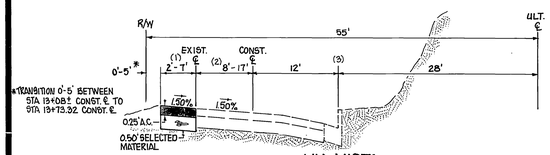
SANITARY SEWER	8" S	TELEPHONE CONDUIT	T
WATER LINE	6" W	ELECTRICAL CONDUIT	E
STORM DRAIN	24" S.D.	STREET LIGHTING	SL
GAS LINE	3" G	TRAFFIC SIGNAL	SIG
IRRIGATION LINE	20" IRR.	FIRE ALARM	F
ABANDONED UTILITY	6" G (ABAN'D.)		

EXISTING TOPOGRAPHY:

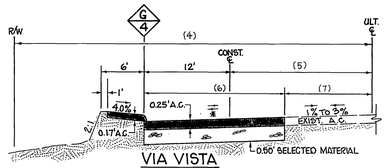
- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW
- SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- STORM DRAIN M.H.
- IRRIGATION WEIR
- WATER M.H.
- GAS M.H.
- ELECTRIC M.H.
- TELEPHONE M.H. OR VAULT
- WATER METER
- FIRE HYDRANT
- SPRINKLER 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
- BUILDING
- UNDERGROUND STRUCTURE
- OVERHANGING STRUCTURE
- CITRUS TREE
- DECIDUOUS TREE
- PALM TREE
- SHRUBBERY
- TREE STUMP
- EVERGREEN TREE

TYPICAL SECTIONS

SCALE : HORIZ.: NO SCALE
VERT. : 1" = 2'

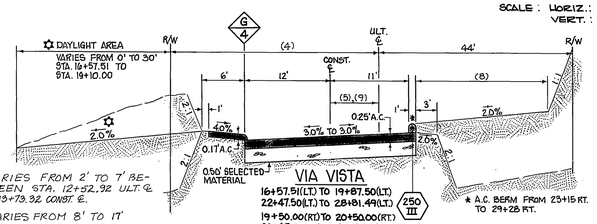


VIA VISTA
9+47.28 TO 13+73.92



VIA VISTA
13+73.32 TO 16+57.51

* MATCH EXIST. CROSS SLOPE



VIA VISTA
16+57.51(LT) TO 19+87.50(LT)
22+47.50(LT) TO 28+81.49(LT.)
19+50.00(RT) TO 20+50.00(RT.)
22+45.00(RT) TO 29+28 (RT.)

250 III

* A.C. BERM FROM 23+15 RT. TO 29+28 RT.

(1) VARIES FROM 2' TO 7' BETWEEN STA. 12+52.32 ULT. ℄ & 13+73.32 CONST. ℄.

(2) VARIES FROM 8' TO 17'

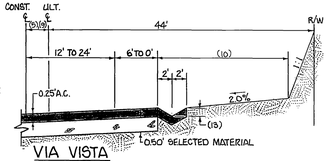
(3) EXIST. CURB & GUTTER ENDS AT STA. 13+02.± ULT. ℄. EXIST. E.P. TRANSITIONS FROM 30' LT. TO 18' LT. OF ULT. ℄. BETWEEN STA. 13+02.± ULT ℄. AND STA. 13+73.32 CONST. ℄.

(4) VARIES FROM 44' TO 81' BETWEEN STA. 13+73.32 CONST. ℄ AND STA. 21+80.83 ULT. ℄ VIA VISTA.

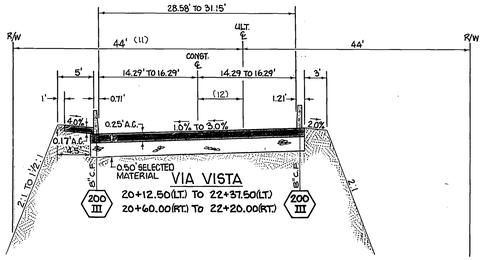
(5) VARIES FROM 0' TO 22'± BETWEEN STA. 13+73.32 CONST. ℄ & STA. 16+65 ULT. ℄ VIA VISTA.

(6) VARIES FROM 0' TO 20'± BETWEEN STA. 13+73.32 CONST. ℄ AND STA. 16+57.51 ULT. ℄ VIA VISTA.

(7) VARIES FROM 0' TO 48'± BETWEEN STA. 13+71.65 ULT. ℄ AND STA. 16+57.51 ULT. ℄ VIA VISTA.



VIA VISTA
16+57.51(RT.) TO 19+50.00(RT.)
23+00.00(RT.) TO 25+00.00(RT.)



VIA VISTA
20+12.50(LT) TO 22+37.50(LT)
20+60.00(RT.) TO 22+20.00(RT.)

200 III

(8) VARIES FROM 12'± TO 31'± BETWEEN STA. 23+15± ULT. ℄ AND STA. 29+25± ULT. ℄ & VIA VISTA.

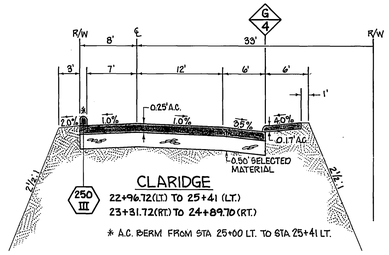
(9) VARIES FROM 0' TO 10.6'± BETWEEN STA. 19+43.65 ULT. ℄ AND 25+18.00 ULT. ℄ VIA VISTA.

(10) VARIES FROM 12'± TO 30'± BETWEEN STA. 16+57.51 ULT. ℄ AND STA. 19+50 ULT. ℄ VIA VISTA.

(11) VARIES FROM 44' TO 81' BETWEEN STA. 13+71.65 ULT. ℄ AND STA. 20+80.83 ULT. ℄ VIA VISTA.

(12) VARIES FROM 0' TO 10.6'± BETWEEN STA. 19+43.65 ULT ℄ & ℄ STA. 25+18 ULT. ℄ VIA VISTA.

(13) 0.25' BETWEEN STA. 16+57.51 ULT ℄ & STA. 19+50.00 ULT. ℄ AND 0.50' BETWEEN STA. 21+20± ULT ℄ & STA. 25+00.00 ULT. ℄.



CLARIDGE
22+96.72(LT) TO 25+41 (LT.)
23+31.72(RT) TO 24+89.70 (RT.)

* A.C. BERM FROM STA 25+00 LT. TO STA 25+41 LT.

* AS BUILT SK 9/1/09

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY:
PRINCIPAL ENGINEER	[illegible]	7-17-80	
PARK DEPARTMENT	[illegible]	5-1-80	PUBLIC WORKS DIRECTOR
TRAFFIC DIVISION	[illegible]	7-14-80	
CHIEF P.W. ENGINEER	[illegible]	5-1-80	DATE 9/10/09

VIA VISTA DR.

TITLE SHEET

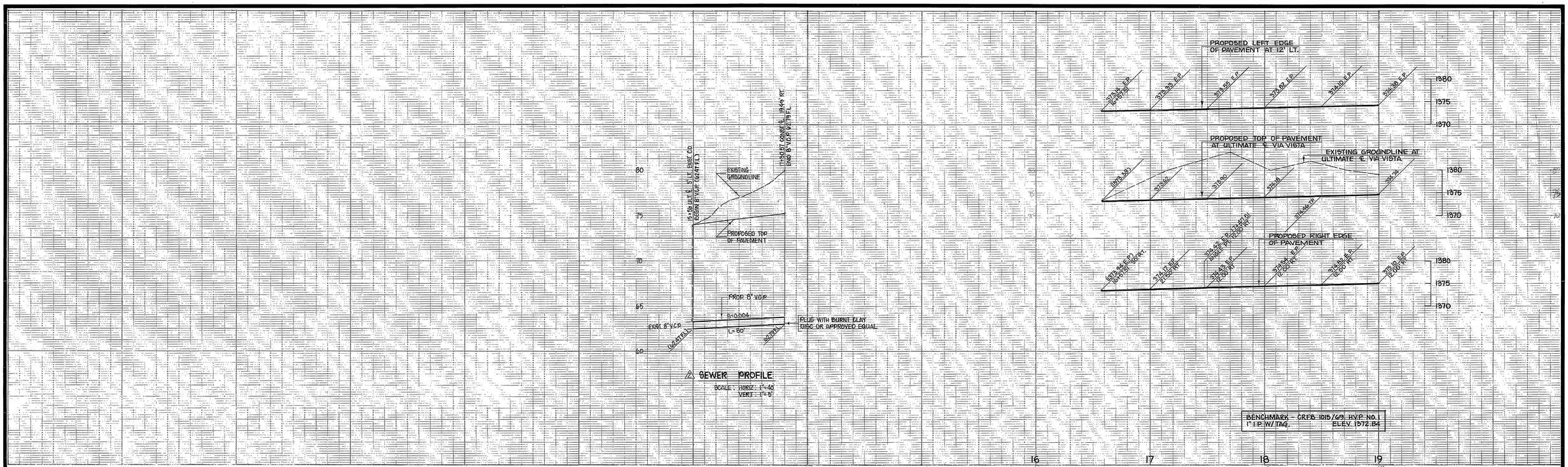
DESIGNED BY BM/CWS DRAWN BY SK CHECKED BY CWS/BLR

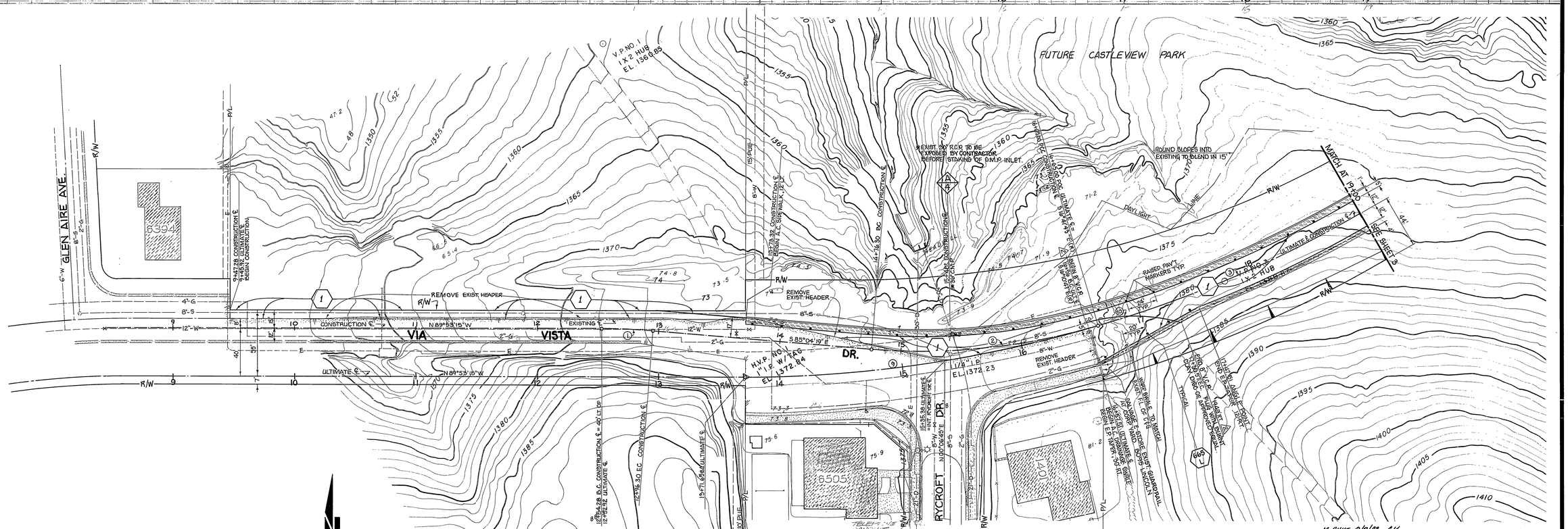
IMPROVED BY M-O

ACCOUNT No. 30-575-272-07

DRAWING NUMBER R-2181

SHEET 1 OF 5





CURVE	Δ	R	T	L
①	4° 48' 56"	500'	21.02'	42.02'
②	21° 37' 24"	500'	95.49'	188.70'
③	16° 20' 56"	1000'	143.65	298.35'
⑤	15° 57' 56"	1000'	140.23'	278.65'
⑩	31° 49' 52"	144'	41.06'	80.00'

MARK	REVISIONS	APPR.	DATE
⚠1	REVISED C.M.P. INLET PER ADDENDUM NO. 1	GL	9/29/80
⚠2	ADDED SEWER EXTENSION PER ADDENDUM NO. 2	GL	10/2/80

DESIGNED BY BHW/GWS DRAWN BY SK CHECKED BY GWS/BHW

AS BUILT 9/1/83 SK

INDEXED BY BLD

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY		
PRINCIPAL ENGINEER	GWE	7-17-80
PARK DEPARTMENT	[illegible]	9/1/83
TRAFFIC DIVISION	[illegible]	11/6/80
CHIEF P. W. ENGINEER	[illegible]	9-1-83

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 9/8/83

VIA VISTA DR.
9+45.92 TO 19+50.00
VIA VISTA DR.

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 10'

ACCOUNT NO. 30-575-272-07

R-2181

SHEET 2 OF 5

FILE NO.

L-23

PROPOSED LEFT EDGE OF PAVEMENT

PROPOSED TOP OF PAVEMENT AT ULTIMATE CENTER LINE VIA VISTA

PROPOSED RIGHT EDGE OF PAVEMENT

EXISTING GROUNDLINE AT ULTIMATE CENTERLINE VIA VISTA

IDENTICAL POINT

+0.563%

+2.43%

-1.46%

EXIST. T.P. AT ℄ CLARIDGE DR.

PROP E.P. AT B' LT.

PROP T.P. AT ℄ CLARIDGE DR.

EXISTING GROUND AT ℄ CLARIDGE DR.

PROP E.P. AT 18' RT.

BENCHMARK - CRFB 1015/69
V.P. NO. 6 1"x 1" HUB, ELEV. 1402.02

NOTE : EXACT LOCATION & SKEW TO BE DETERMINED IN FIELD TO FIT EXISTING CONDITIONS.

SEE SHEET 2

MATCH AT 19+00

VIA VISTA DRIVE

CLARIDGE AVE.

CENTURY TRAFFIC SIGNAL

ROUND SLOPES INTO EXISTING TO BLEND IN 15'

ROUND SLOPES INTO EXISTING TO BLEND IN 15'

CONSTRUCTION ℄

ULTIMATE ℄

N 45°31' 38" E

N 43°45'00" E

CAUTION ! HIGH PRESSURE GAS

INSTALL 40 L.F. 42" R.C.P.

INSTALL 136 L.F. 42" R.C.P.

125 L.F. TYPE A-77 GUARDRAIL FROM 19+00 to 20+26 ★

REMOVE EXIST. GUARDRAIL & REPLACE WITH TYPE A-77 GUARDRAIL FROM 22+96.72 CLARIDGE TO STA. 24+28 VIA VISTA

REMOVE EXIST. GUARDRAIL & REPLACE WITH TYPE A-77 GUARDRAIL FROM 22+88.72 CLARIDGE TO STA. 23+17.75 CENTER

CURVE	Δ	R	T	L
4	11°48'43"	500'	51.72'	103.08'
5	48°40'30"	600'	252.68'	478.31'
6	79°42'44"	35'	29.22'	48.69'
7	90°00'10"	35'	35.00'	54.98'
8	13°35'21"	1000'	119.15'	237.18'

MARK	REVISIONS	APPR.	DATE
⚠	STRUCTURE MOVED AT 21+52		12/2/80
	ADDED SACKED CONCRETE & CONCRETED - ROCK SLOPE PROTECTION, 42" RCP AND PIPE CULVERT HEADWALL 12'H:1:V; MK		

DESIGNED BY BM/CWD DRAWN BY SK CHECKED BY CWD/DER

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY		
PRINCIPAL ENGINEER	[illegible]	7-17-80
PARK DEPARTMENT	[illegible]	5/11/80
TRAFFIC DIVISION	[illegible]	7/14/80
CHIEF P.W. ENGINEER	[illegible]	9-17-80

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR
DATE 9/18/80

VIA VISTA DR.
19+50.00 TO 29+21.26 VIA VISTA DR.
22+96.72 TO 25+29.57 CLARIDGE DR.

HORIZ. SCALE: 1" - 40' VERT. SCALE: 1" - 10'

★ AS BUILT 9/19/83 SK

INDEXED BY BLD

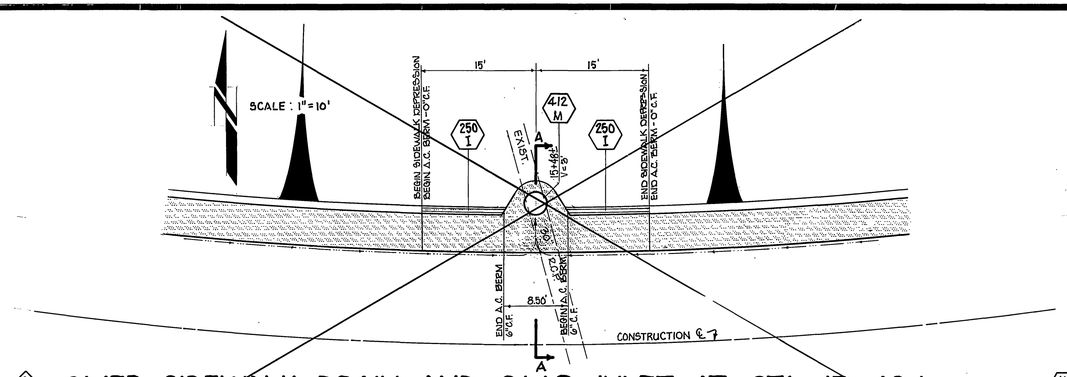
ACCOUNT NO. 30-575-272-07

R-2181

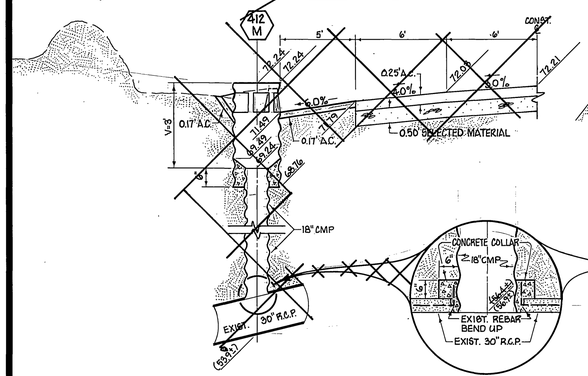
SHEET 3 OF 5

FILE NO.

L-23

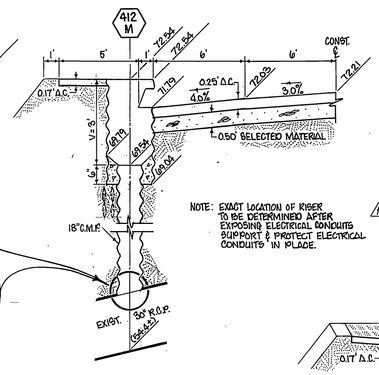


Ⓐ OVER SIDEWALK DRAIN AND C.M.P. INLET AT STA. 15+48±



SECTION ~~A-A~~

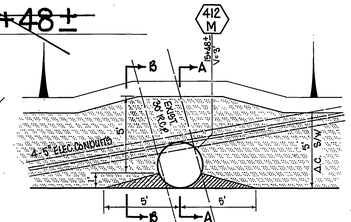
~~SCALE : HORIZ. 1"=5'~~
~~VERT. NO SCALE~~



SECTION A-A

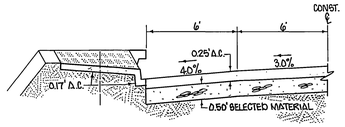
SCALE : HORIZ. : 1"=5'
VERT. : NO SCALE

NOTE: EXACT LOCATION OF RISER TO BE DETERMINED AFTER EXPOSING ELECTRICAL CONDUITS SUPPORT & PROTECT ELECTRICAL CONDUITS IN PLACE.



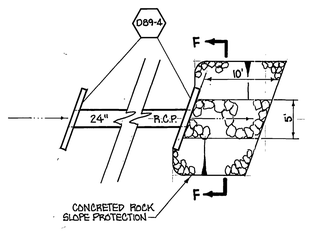
⚠ Ⓐ 36" C.M.P. INLET

SCALE : 1"=5'



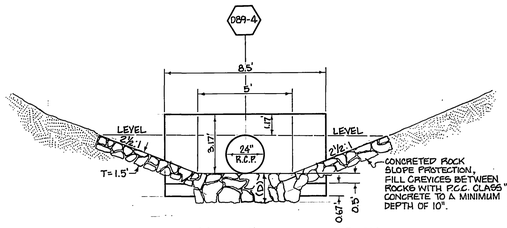
SECTION B-B

SCALE: HORIZ. : 1"=5'
VERT. : 1"=2'



Ⓒ SLOPE PROTECTION PLAN VIEW

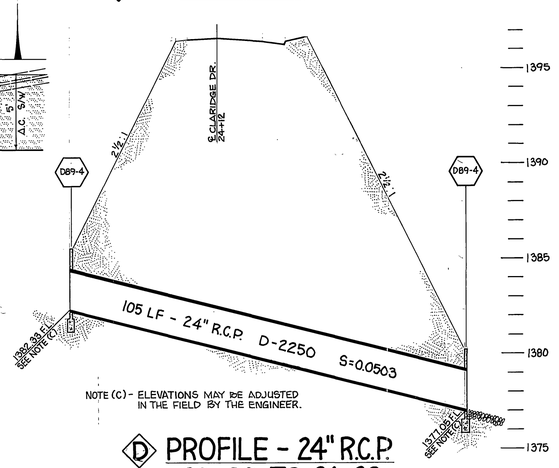
SCALE : 1"=10'



NOTE (D) - MIN. 3' OR TO BEDROCK, IF LESS.

SECTION F-F

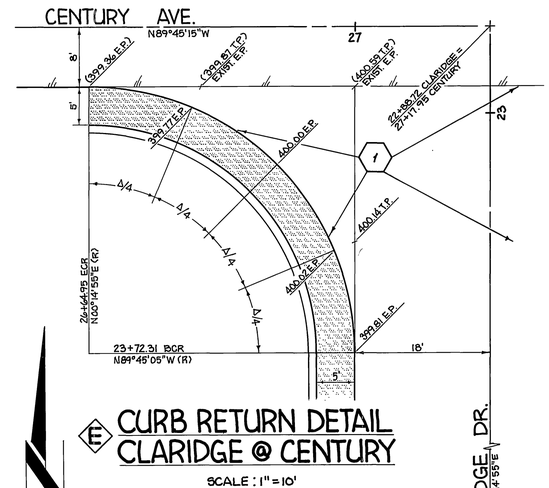
SCALE : 1"=4'



NOTE (C) - ELEVATIONS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

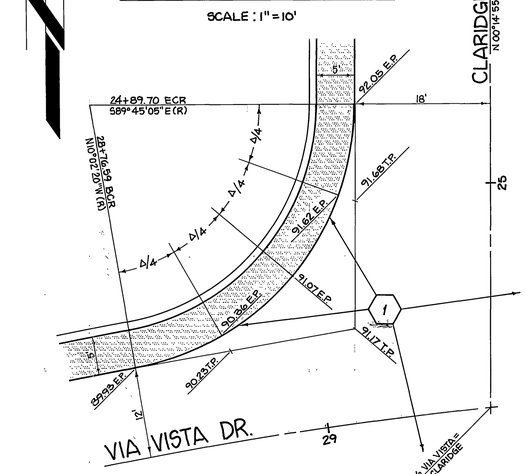
Ⓓ PROFILE - 24" R.C.P. 23+98 TO 24+22 CLARIDGE DR.

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



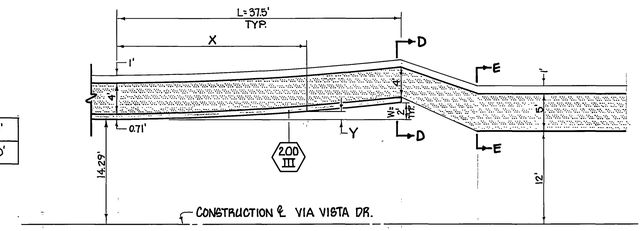
Ⓔ CURB RETURN DETAIL CLARIDGE @ CENTURY

SCALE : 1"=10'



Ⓕ CURB RETURN DETAIL - VIA VISTA @ CLARIDGE

SCALE : 1"=10'



OFFSET (Y) AT DISTANCE (X)

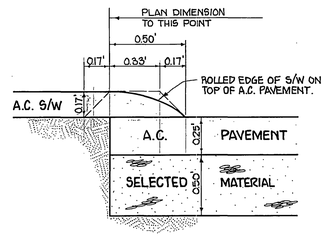
X	6.25'	12.5'	18.75'	25.0'	31.25'	37.5'
Y	0.06'	0.22'	0.50'	0.89'	1.39'	2.00'

DESIGN DATA
$Y = W(X/L)^2$

Ⓑ PARABOLIC CURB TRANSITION DETAIL

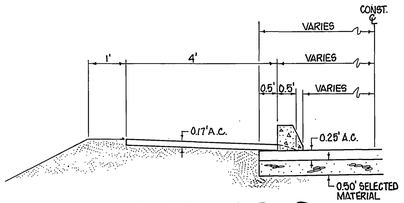
SCALE : 1"=10'

(b) 20+12.50 LT. TO 20+50.00 LT. AND 22+00.00LT. TO 22+37.50 LT.
20+60.00 RT. TO 20+97.50 RT. AND 21+82.50 RT. TO 22+20.00 RT.



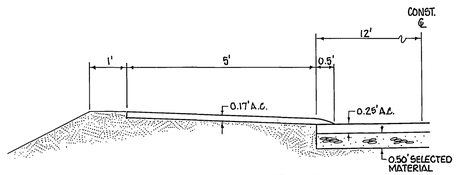
Ⓖ EDGE OF SIDEWALK DETAIL

SCALE : 1"=1/2'



SECTION D-D

SCALE : 1"=2'



SECTION E-E

A.C. SIDEWALK TRANSITION

VARIES FROM 4' TO 5' : (a) 19+87.80 LT TO 20+12.50 LT AND 22+37.50 LT TO 22+47.50 LT.
20+50.00 RT TO 20+60.00 RT AND 22+20.00 RT. TO 22+45.00 RT.

NOTE (b) - STATIONS ARE CONSTRUCTION CENTERLINE VIA VISTA DR.

MARK	REVISIONS	APPR.	DATE
⚠	REVISED C.M.P. INLET PER ADDENDUM NO. 1	SHC	9/29/80

DESIGNED BY BINGLEWS DRAWN BY SK CHECKED BY GWS/SHC

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER	[illegible]	7-17-80
PARK DEPARTMENT	[illegible]	8/1/80
TRAFFIC DIVISION	[illegible]	12-6-80
CHIEF P. W. ENGINEER	[illegible]	9-17

APPROVED BY [illegible]
PUBLIC WORKS DIRECTOR
DATE 9/18/80

VIA VISTA DR.
DETAILS

HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN

★ AS BUILT 9/1/83 GK

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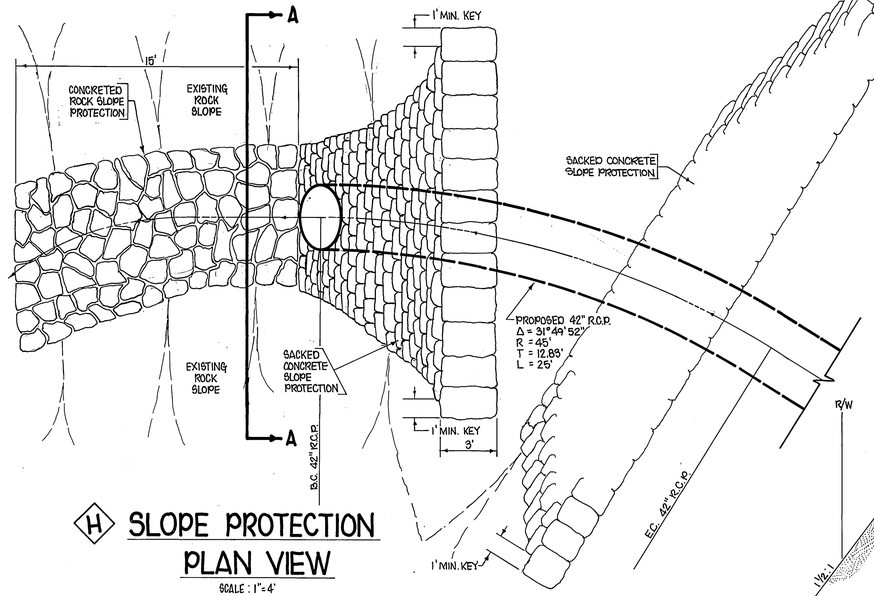
ACCOUNT NO. 30-575-272-07

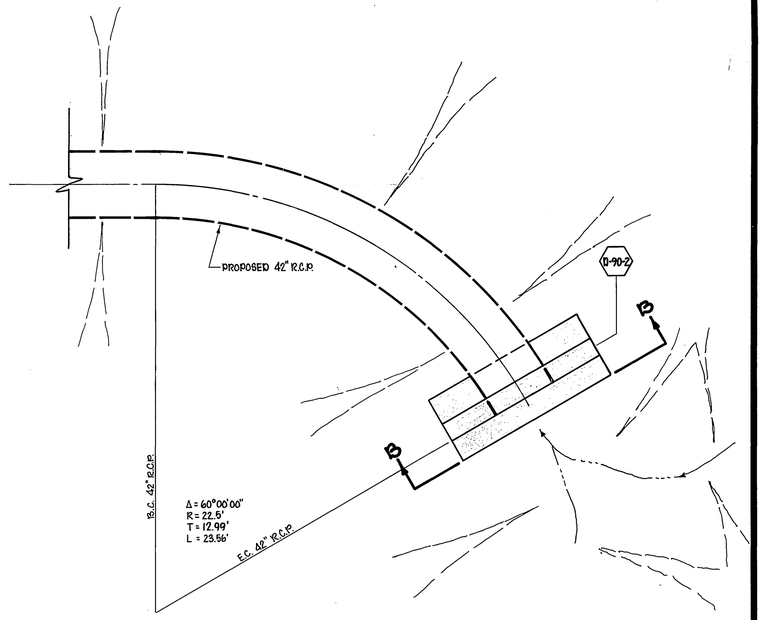
R-2181

SHEET 4 OF 5



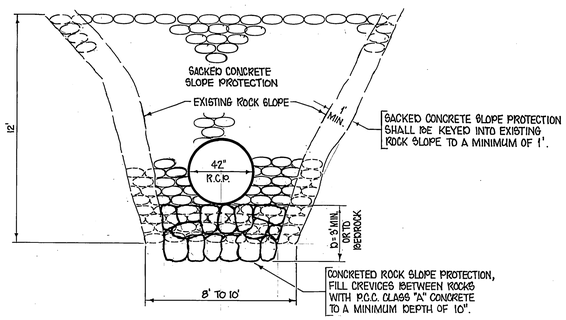
Ⓗ SLOPE PROTECTION PLAN VIEW

SCALE : 1"=4'



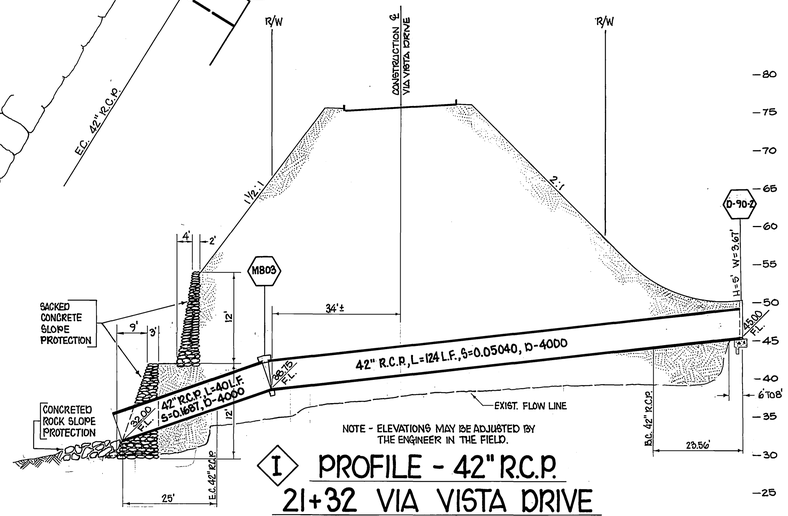
Ⓙ HEADWALL - PLAN VIEW

SCALE : 1"=4'



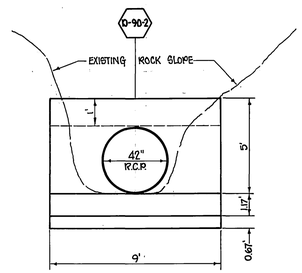
SECTION A-A

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



Ⓘ PROFILE - 42" R.C.P. 21+32 VIA VISTA DRIVE

SCALE : HORIZ. : 1"= 20'
VERT. : 1"= 10'



SECTION B-B

SCALE : 1"= 4'

* AS BUILT 9/1/83 GK

INDEXED BY BLD

ACCOUNT NO. 30-576-272-07

MARK	REVISIONS	APPR.	DATE

DESIGNED BY BIM DRAWN BY GK CHECKED BY DJR

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER	[illegible]	12/8/80
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	—	—
CHIEF P. W. ENGINEER	—	—

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR
DATE 12/9/80

VIA VISTA DRIVE
DETAILS

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

R-2181

SHEET 5 OF 5