

SEWER NOTES-CITY OF RIVERSIDE:

- SEWER PROFILE ELEVATIONS ARE TO FLOW LINE (CONDUIT INVERT).
- ALL STATIONS ARE SEWER CENTERLINE STATIONS.
- ALL WORK AND MATERIALS SHALL CONFORM TO CITY OF RIVERSIDE STANDARDS AND SPECIFICATIONS FOR SEWER SYSTEM CONSTRUCTION.
- PRIOR TO CONSTRUCTION OF SEWER, CONTRACTOR SHALL EXPOSE EXISTING SEWER AND VERIFY ITS EXISTING ELEVATION AND LOCATION. WHERE CONNECTING TO EXISTING MANHOLE AND INLET STUB OF PROPER SIZE EXISTS, NO ALTERATIONS SHALL BE MADE TO EXISTING MANHOLE BASE OR STUB EXCEPT AS SPECIFICALLY AUTHORIZED BY CITY OF RIVERSIDE.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985 EDITION.
- MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DWG. 500.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- SEWER LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DWG. 562. LOCATIONS OF BYES AND LATERALS, WHERE NOT SHOWN ON THE PLANS, ARE TO BE DETERMINED IN THE FIELD PRIOR TO CONSTRUCTION, TO MISS DRIVEWAYS AND PROPOSED OR EXISTING FACILITIES. ALL LATERALS ARE TO BE 4" DIAMETER UNLESS OTHERWISE SHOWN ON THE PLANS.
- WHERE GROUNDWATER IS ENCOUNTERED, ALL V.C.P. PIPE SHALL BE TREATED FOR ABSORPTION RESISTANCE WITH A MINIMUM 3% (BY WEIGHT) SOLUTION OF DOW-CORNING 722 SILICON OR A MINIMUM 4% BY VOLUME OF POLYVINYL ACRYLIC EMULSION. APPLICATION SHALL BE BY TOTAL IMMERSION.
- NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 4' ABOVE THE SEWER FLOW LINE AT POINT TO CONNECTION WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- THE PRIVATE ENGINEER PREPARING THESE PLANS SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.

EXISTING UNDERGROUND STRUCTURES:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES OR CONDUITS SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK. CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UNDERGROUND UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS.

NOTICE TO CONTRACTOR:

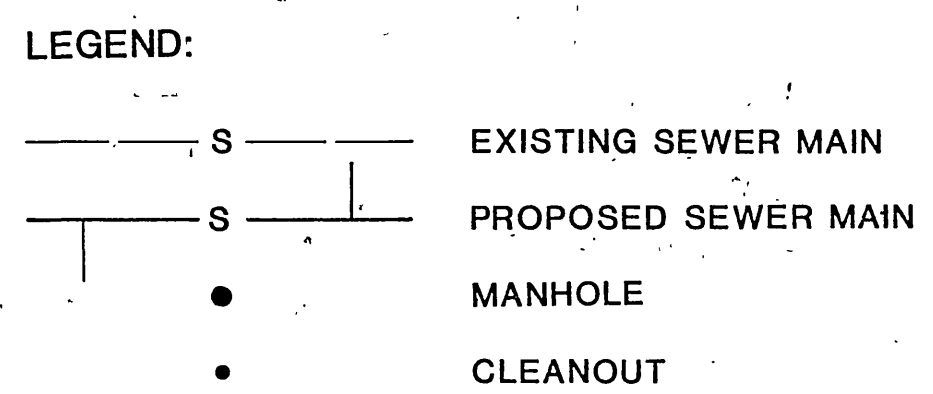
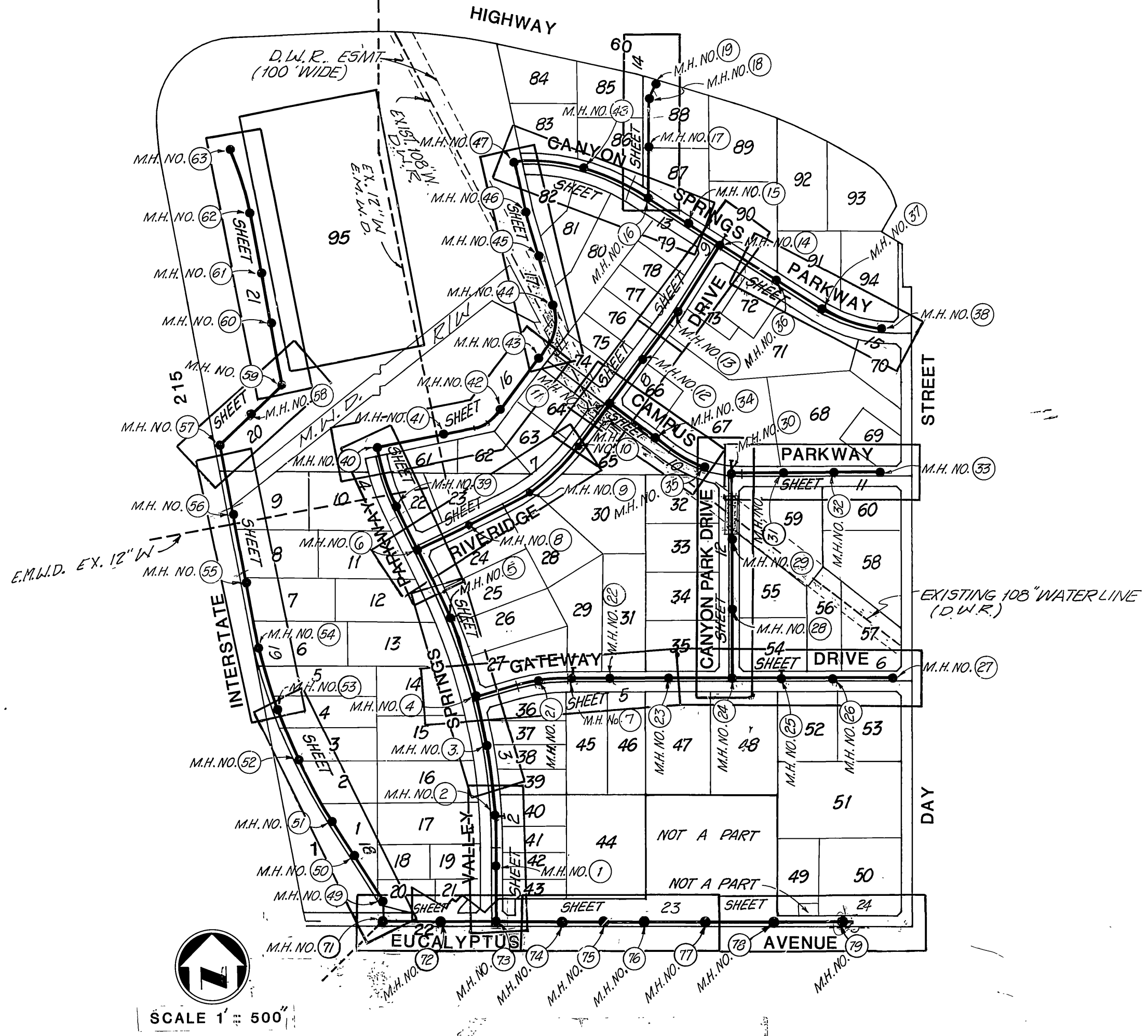
CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

- REVISION DELTA WITH LETTER INDICATES CHANGES AFTER BID SET ISSUANCE DATE ()
- REVISION DELTA WITH NUMBER INDICATE CHANGES AFTER APPROVAL DATE ()

CONSTRUCTION NOTES AND QUANTITY ESTIMATE

ITEM DESCRIPTION	STAGE	1	2	QUANTITY
CONSTRUCT 15" VCP SEWER MAIN	3	1093	0	1093 L.F.
CONSTRUCT 12" VCP SEWER MAIN	3	346	346	2783 L.F.
CONSTRUCT 10" VCP SEWER MAIN	3	1971	1971	2773 L.F.
CONSTRUCT 8" VCP SEWER MAIN	3	336	336	13,548 L.F.
CONSTRUCT 6" VCP SEWER MAIN	3	523	500	488 L.F.
CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500.	14	47	42	71 EA.
CONCRETE ENCASEMENT PER C/R PUD CWO- 021,022 & 023		18	48	80 L.F.
SAND BACKFILL		345	345	2,420 C.Y.
CONNECTION TO EXIST. SYSTEM		2	4	3 EA.
ADJUST MH COVERS TO GRADE		14	22	571 EA.
8" STUB AND PLUG		2	1	19 EA.
CONC. ANCHOR		1		1 EA.

**CANYON SPRINGS ASSESSMENT DISTRICT
CONSTRUCTION PHASE II
SANITARY SEWER PLANS FOR:
PARCEL MAP NO. 19617
STAGE 1
CITY OF RIVERSIDE**



NOTIFICATIONS:

CONSTRUCTION WITHIN THE BOUNDARIES OF EDMONT COMMUNITY SERVICES DISTRICT
"Contractor shall notify Edgemont Community Services District, Chuck Sanders, Supt., at (714)653-5120 prior to starting construction."

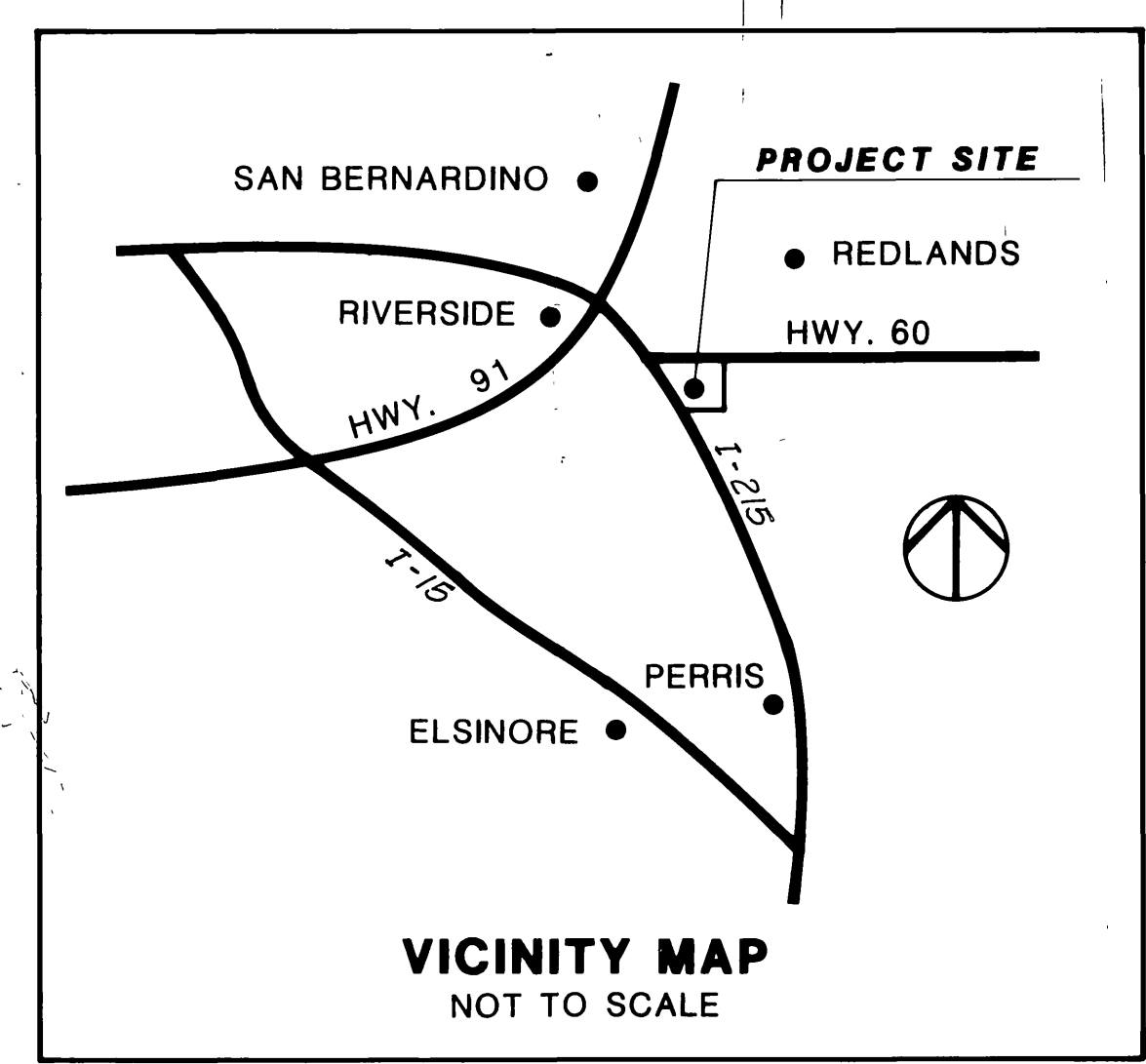
CONSTRUCTION AFFECTING METROPOLITAN WATER DISTRICT FACILITIES
"Contractor shall notify the office of M.W.D.'s Water Distribution Engineer, telephone (714)626-4282, Ext. 422, at least 48 hours prior to any work within the M.W.D. easement."

CONSTRUCTION WITHIN THE BOUNDARIES OF STATE DEPT. OF WATER RESOURCES (DWR) EASEMENT. "Contractor shall notify the office of Sheral Gates, Land Agent, (916) 324-4463."

CONSTRUCTION AFFECTING OTHER UTILITIES.
"Contractor shall notify at least 48 hours prior to excavation."
City of Riverside at (714) 787-7341
So. Calif. Gas Co. at ZENITH 5851
So. Calif. Edison Co. at (714)657-5151
General Telephone Co. at (714)925-2248
EMWD at 925-7676, ext. 225 (Attn: Jim Wyatt)
State of California, Dept. of Water Resources, 7-day notice
Ray Oleson at (916) 445-2968
Hermon Musgrove at (805) 257-3810
City of Moreno Valley at (714) 787-2031 or 787-2032

THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-422-4133, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER OF U.S.A.
M-RD23-1

ABBR
MH = MANHOLE
DWR = STATE DEPT. OF WATER RESOURCES
MWD = METROPOLITAN WATER DISTRICT
EMWD = EASTERN MUNICIPAL WATER DISTRICT



BENCH MARK : RIV. CO.; B.M.
BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE, ELEVATION = 1612.241

EASTERN MUNICIPAL WATER DISTRICT
REVIEWED BY: *[Signature]* DATE: 11/21/85

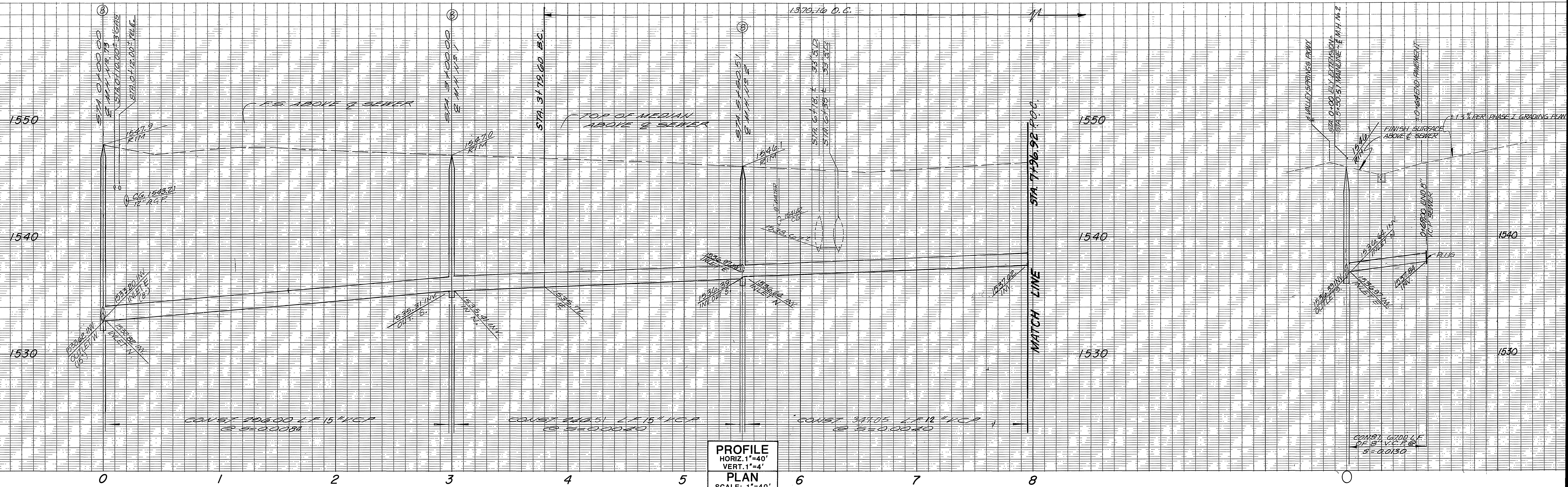
Greiner
Greiner Engineering of California
5225 Canyon Crest Drive
Bldg. 200, Suite 253
Riverside, California 92507
(714) 951-8328
(714) 788-7746
A Greiner Engineering, Inc. Company
PLANS PREPARED UNDER THE DIRECTION OF *[Signature]* B.C.E. NO. 30534 DATE 7-10-84

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]* DATE: 12/27/84
PRINCIPAL ENGINEER
TRAFFIC DIVISION
CHIEF PUB WKS ENGR
MARK REVISIONS APPR. DATE

CANYON SPRINGS ASSESSMENT DISTRICT CONSTRUCTION PHASE II SANITARY SEWER PLANS FOR: PARCEL MAP NO. 19617 STAGE 1 TITLE SHEET
APPROVED BY: *[Signature]* DATE: 2.5.86
DIRECTOR OF PUBLIC WORKS

SCALE: AS SHOWN

INDEXED BY CD
ACCOUNT NO.
DRAWING NUMBER
S-1409
SHEET 1 OF 24

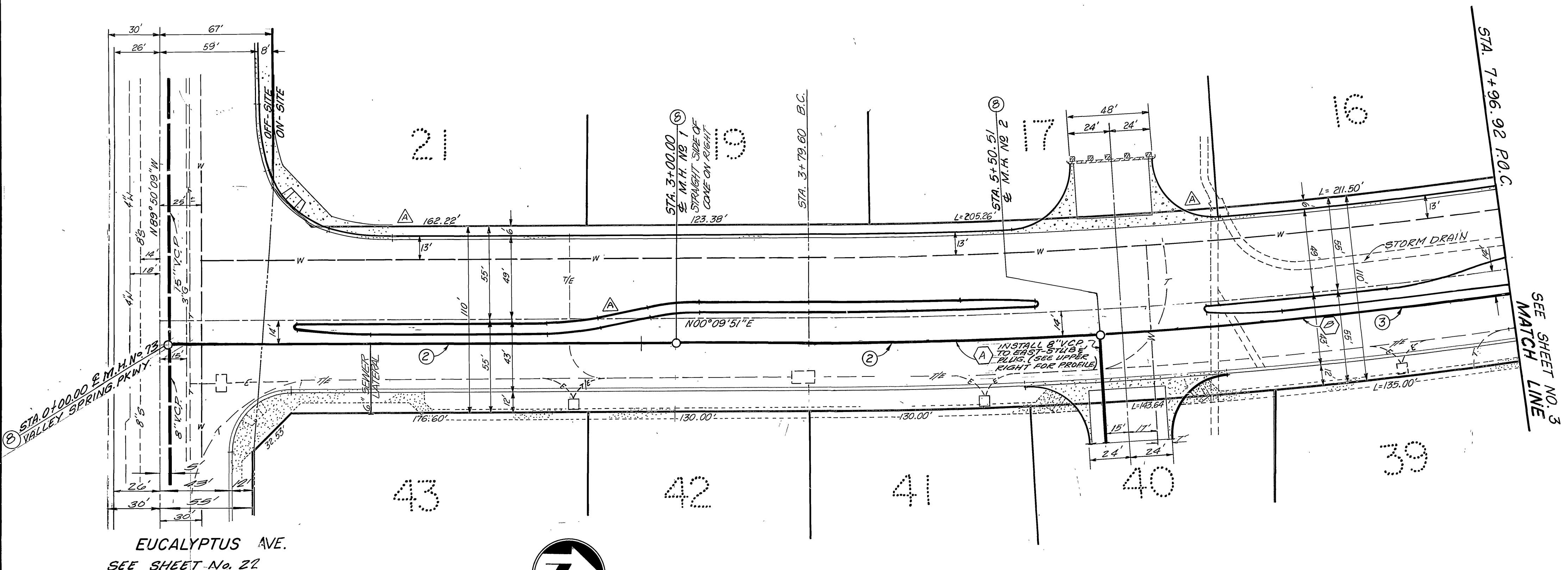


PROFILE
 HORIZ. 1"=40'
 VERT. 1"=4'
 PLAN
 SCALE: 1"=40'

CONSTRUCTION NOTES:

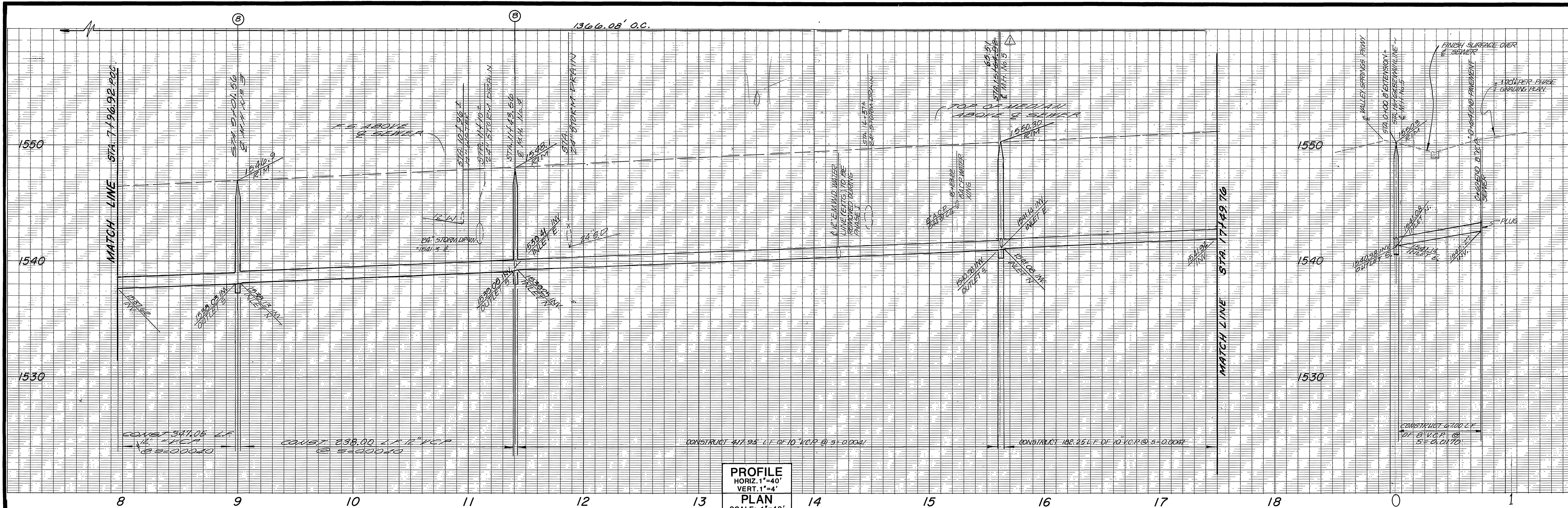
- ② — CONSTRUCT 15" V.C.P. SEWER MAIN
- ③ — CONSTRUCT 12" V.C.P. SEWER MAIN
- ④ — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500

CURVE DATA			
DELTA	RADIUS	LENGTH	TANGENT
A 03°14'56"	3014.00'	170.91'	85.48'
B 04°41'03"	3014.00'	246.41'	123.21'

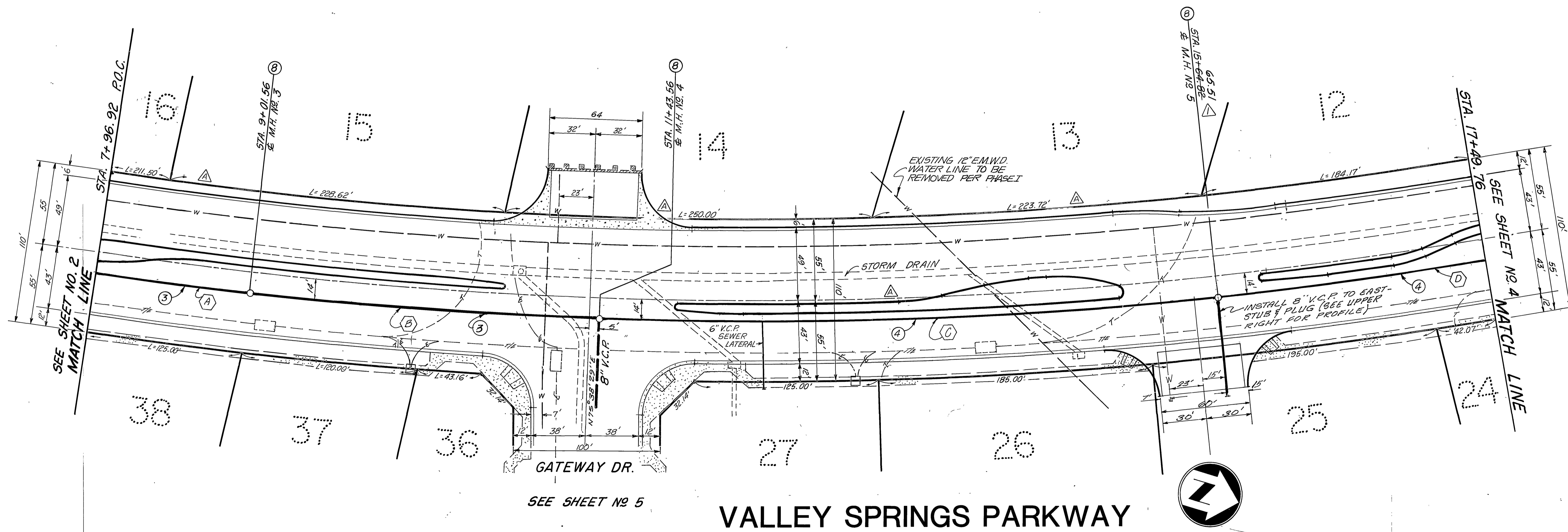


VALLEY SPRINGS PARKWAY

<p>EASTERN MUNICIPAL WATER DISTRICT</p> <p>REVIEWED BY: <i>Joe Santhala</i> DATE: <u>11/20/85</u></p>	<p>BENCHMARK: RIV. CO: B.M.</p> <p>BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16' HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241</p>	<p>Greiner</p> <p>Greiner Engineering of California 5225 Canyon Crest Drive Bldg 200, Suite 253 Riverside, California 92507 (714) 951-8328 (714) 788-7746 A Greiner Engineering, Inc. Company</p> <p>PLANS PREPARED UNDER THE DIRECTION OF: <i>Dean J. Greiner</i> R.C.E. NO. 30534 DATE 9-25-85</p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: <i>William D. ...</i> DATE: <u>11/21/85</u></p> <p>PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF PUB. WKS. ENGR.</p> <p>DESIGNED BY: H.A. DRAWN BY: W.W. CHECKED BY: W.B.D.</p>	<p>SEWER PLAN & PROFILE</p> <p>CANYON SPRINGS ASSESSMENT DISTRICT</p> <p>PARCEL MAP NO. 19617 CONSTRUCTION PHASE II, STAGE I VALLEY SPRINGS PARKWAY STA 0+00.00 TO STA. 7+95.67</p> <p>SCALE: HORIZ. 1"=40', VERT. 1"=4'</p> <p>ACCOUNT NO. DRAWING NUMBER S-7409 SHEET 2 OF 24</p>
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PROFILE
 HORIZ. 1"=40'
 VERT. 1"=4'
 PLAN
 SCALE: 1"=40'



CURVE DATA			
DELTA	RADIUS	LENGTH	TANGENT
A 01° 59' 21"	3014.00'	104.64'	52.32'
B 04° 36' 01"	3014.00'	242.00'	121.06'
C 08° 00' 29"	3014.00'	421.26'	210.97'
D 03° 30' 56"	3014.00'	184.93'	92.50'

- CONSTRUCTION NOTES:**
- ③ — CONSTRUCT 12" V.C.P. SEWER MAIN
 - ④ — CONSTRUCT 10" V.C.P. SEWER MAIN
 - ⑤ — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500

EASTERN MUNICIPAL WATER DISTRICT
 REVIEWED BY: *Joe Van der...*
 DATE: 11/27/85

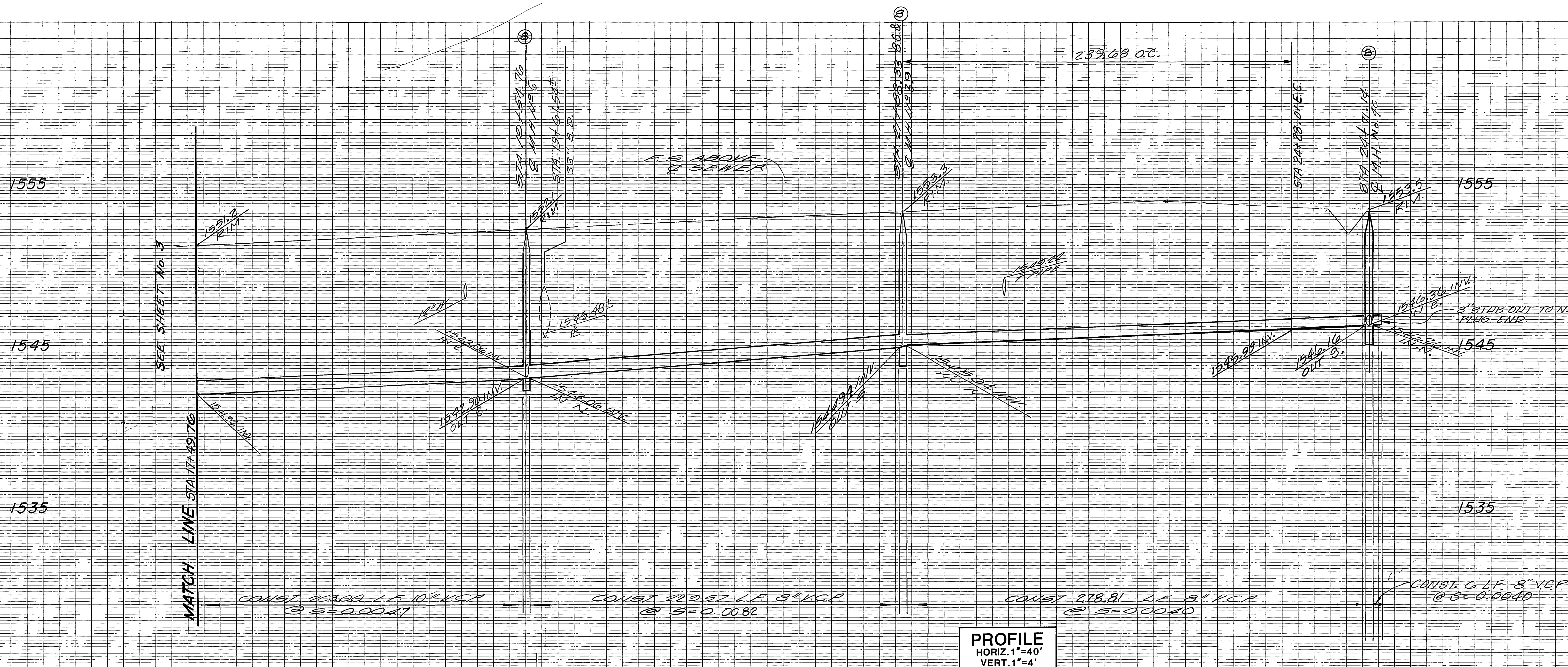
BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

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 (714) 951-8328
 (714) 788-7746
 A Greiner Engineering, Inc. Company
 PLANS PREPARED UNDER THE DIRECTION OF:
Edward J. Greiner
 R.C.E. NO. 30534 DATE 9-25-85

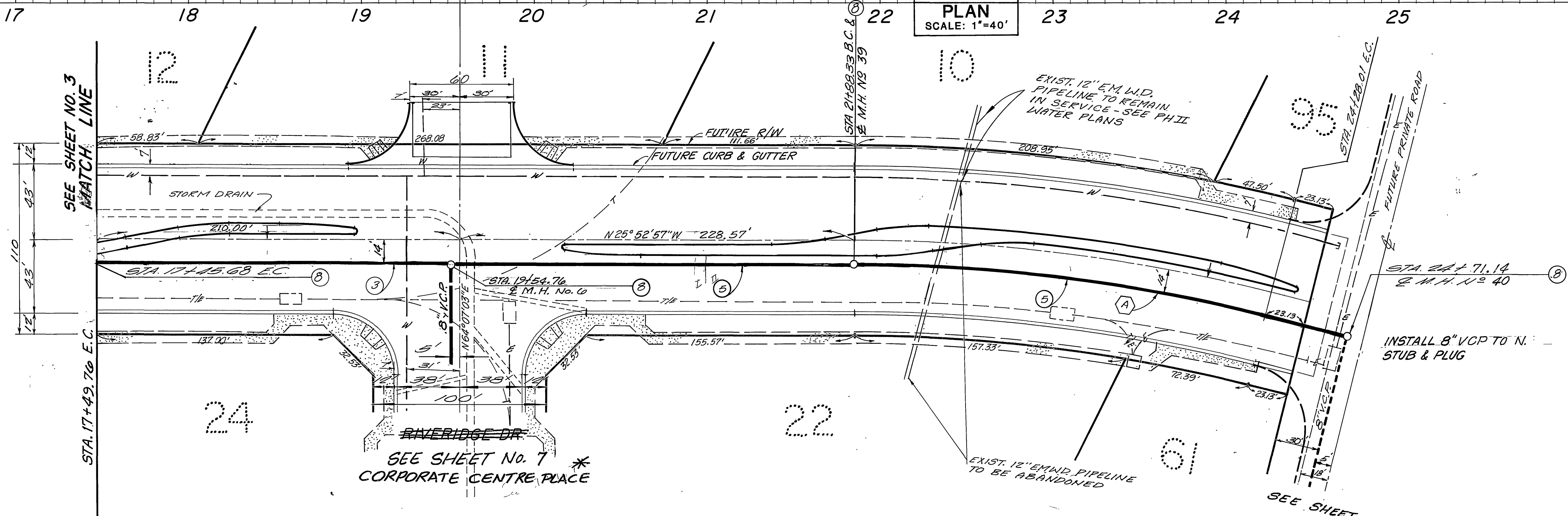
REVISED STATION OF M.H. NO. 5
 MOVED WEST CURB & GUTTER & DRIVEWAY WEST 6' (48" TO 49" FROM S), REVISED TURNING ISLAND FOR LONGER HOLDING SPACE.
 DESIGNED BY H.A. DRAWN BY M.W. CHECKED BY A.E.D.

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: *W. J. ...*
 DATE: 2-5-86

SEWER PLAN & PROFILE
 CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617 -
 CONSTRUCTION PHASE II, STAGE I
 VALLEY SPRINGS PARKWAY
 STA. 7+95.67 TO STA. 17+45.66
 SCALE: HORIZ. 1"=40', VERT. 1"=4'
 INDEXED BY CD
 ACCOUNT NO.
 DRAWING NUMBER
 S-1409
 SHEET 3 OF 24

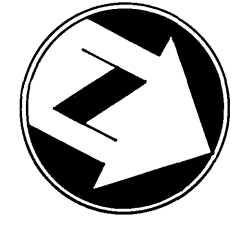


PROFILE
 HORIZ. 1"=40'
 VERT. 1"=4'
PLAN
 SCALE: 1"=40'



- CONSTRUCTION NOTES:**
- ③ — CONSTRUCT 12" V.C.P. SEWER MAIN
 - ④ — CONSTRUCT 8" V.C.P. SEWER MAIN
 - ⑤ — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO 500

CURVE DATA				
	Δ	R	L	T
A	$13^{\circ}55'20''$	986.00	232.68	120.43



VALLEY SPRINGS PARKWAY

EASTERN MUNICIPAL WATER DISTRICT
 REVIEWED BY: *Joe Shaw* DATE: 11/21/85

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

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 (714) 951-9329
 (714) 788-7746
 A Greiner Engineering, Inc. Company
 PLANS PREPARED UNDER THE DIRECTION OF:
Barry L. Greiner R.C.E. NO. 30534 DATE 9-25-85

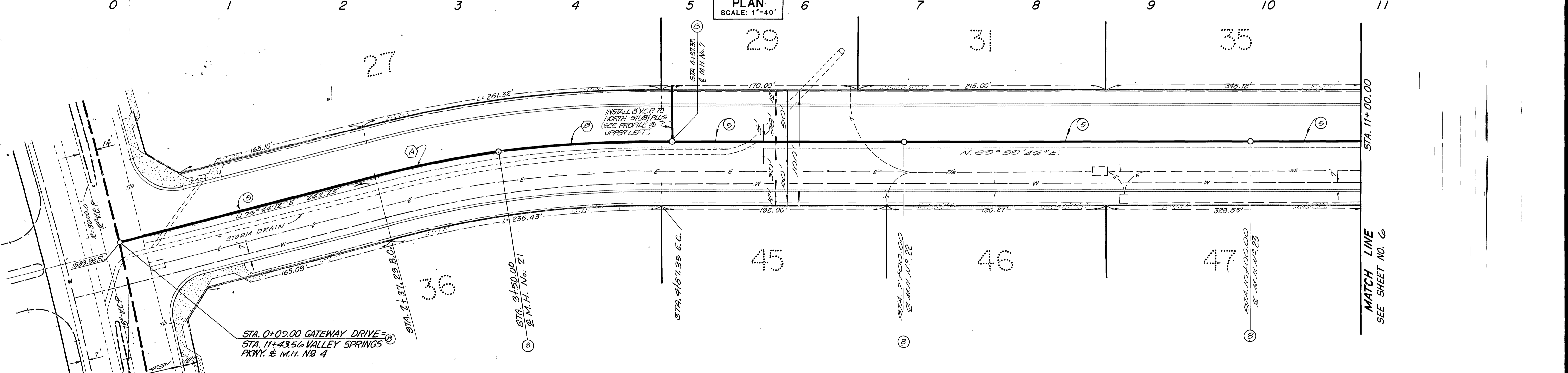
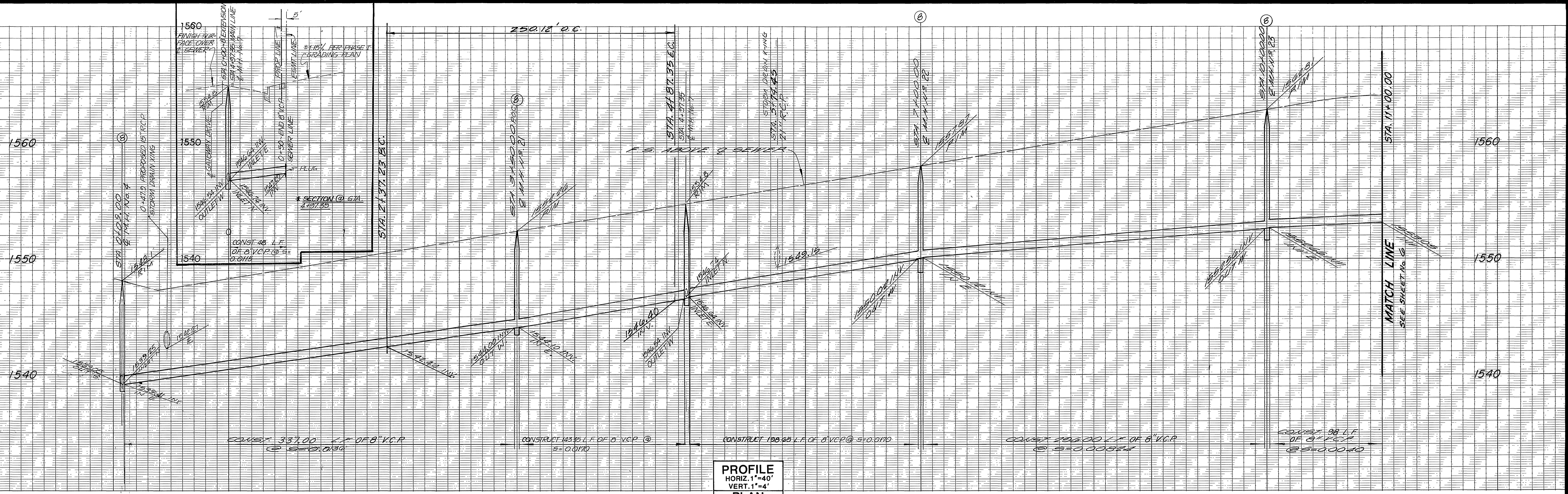
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: *W. J. [Signature]* DATE: 11/21/85
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUBLIC WORKS ENGINEER
 DESIGNED BY: *H. G.* DRAWN BY: *H. W.* CHECKED BY: *W. E. D.* DATE: 2-5-86

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: *W. J. [Signature]* DATE: 11/21/85
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUBLIC WORKS ENGINEER
 DESIGNED BY: *H. G.* DRAWN BY: *H. W.* CHECKED BY: *W. E. D.* DATE: 2-5-86

SEWER PLAN & PROFILE
 CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 VALLEY SPRINGS PARKWAY
 STA. 17+45.66 TO STA. 24+69.33
 SCALE: HORIZ. 1"=40', VERT. 1"=4'

INDEXED BY: CD
 ACCOUNT NO. 5-7409
 DRAWING NUMBER SHEET 4 OF 24

*AS-BUILT 8-25-03 44



CURVE DATA				
	Δ	R	L	T
A	6° 25' 44"	1005.00	112.77	56.44
B	7° 49' 50"	1005.00	137.35	68.78

EASTERN MUNICIPAL WATER DISTRICT

REVIEWED BY: *Joe Van Sickle* DATE: 11/21/85

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST., 53' WEST OF DAY ST. & 23' S.B. OF N.E. CORNER OF A.C.S.D.H. R/W FENCE. ELEVATION = 1612.241

Greiner
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 9225 Canyon Crest Drive
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 Riverside, California 92507
 (714) 351-1529
 (714) 788-7748
 A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF
James J. Quinn R.C.E. NO. 30534 DATE 2-25-85

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: *William D. Gardner*
 DIRECTOR OF PUBLIC WORKS
 DATE: 2-5-86

SEWER PLAN & PROFILE

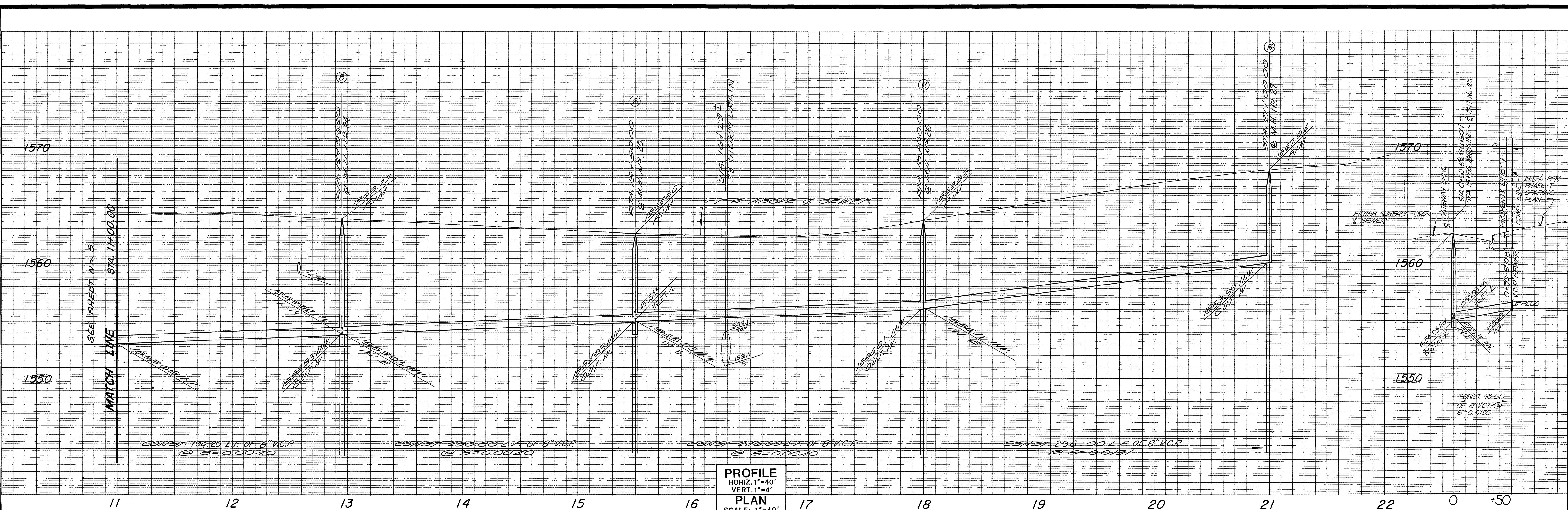
CANYON SPRINGS ASSESSMENT DISTRICT

PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 GATEWAY DRIVE
 STA. 0+00.00 TO STA. 11+00.00

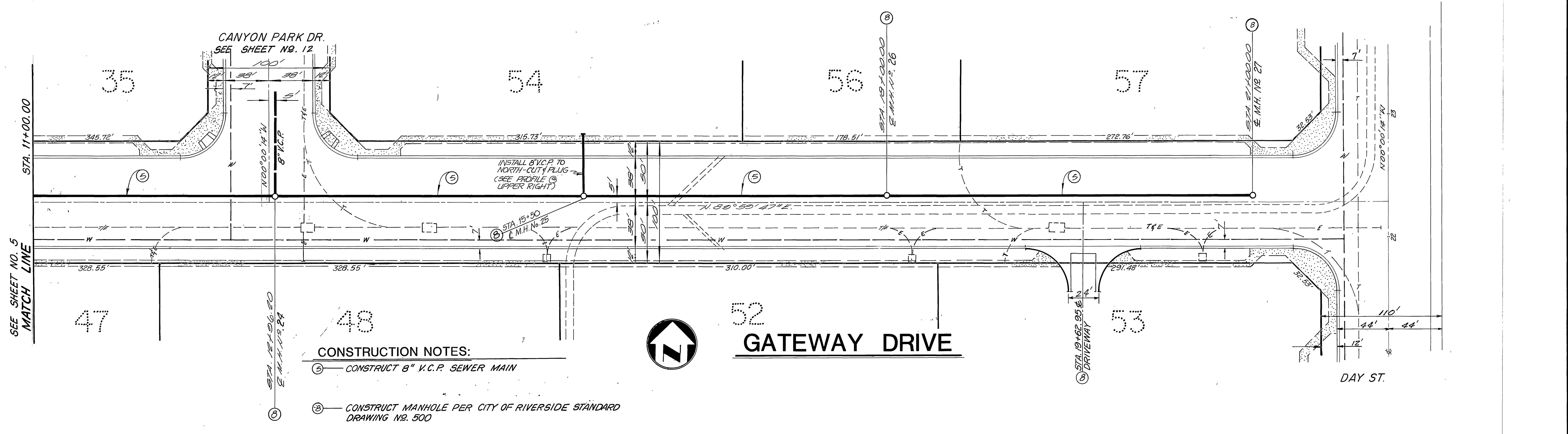
SCALE: HORIZ. 1"=40', VERT. 1"=4'

INDEXED BY CD

ACCOUNT No. DRAWING NUMBER
 S-7409
 SHEET 5 OF 24



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



- CONSTRUCTION NOTES:**
- ⑤ - CONSTRUCT 8" V.C.P. SEWER MAIN
 - ⑥ - CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500

EASTERN MUNICIPAL WATER DISTRICT

REVIEWED BY: *Joe Paul Smith* DATE: 11/21/85

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" X 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

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 (714) 788-7746
 A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF:
David Zeman R.C.E. NO. 30534 DATE 2-25-85

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: *U.G.* DRAWN BY: *W.W.* CHECKED BY: *W.E.D.*

**CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT**

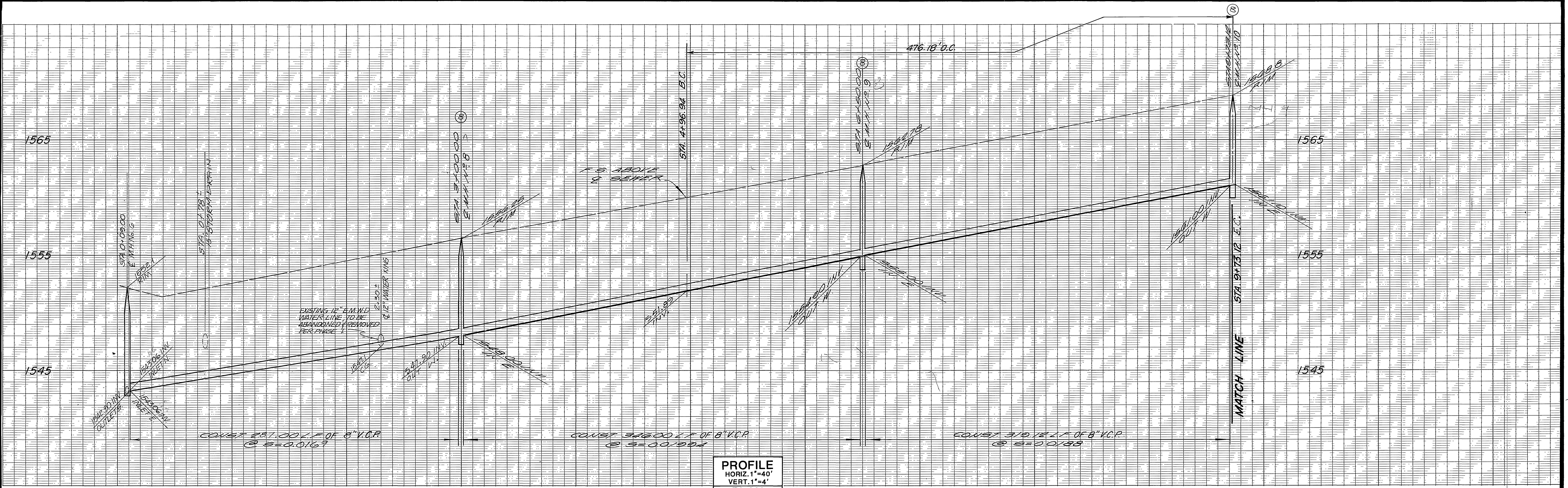
APPROVED BY: *William D. ...* DATE: 2.5.86
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUB. WKS. ENGR.

SEWER PLAN & PROFILE

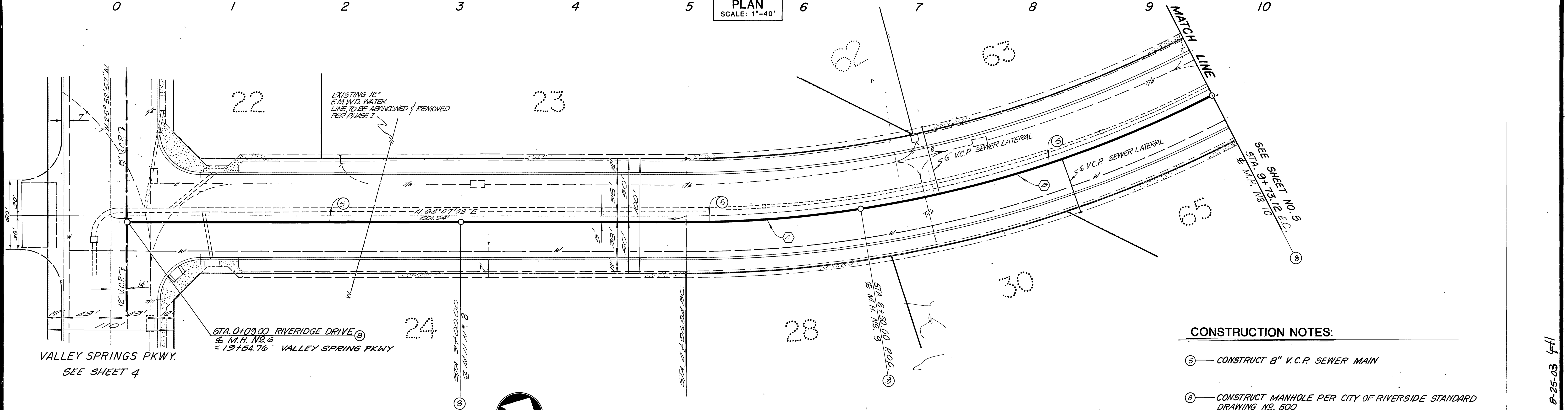
CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 GATEWAY DRIVE
 STA. 11+00.00 TO STA. 21+00.00

ACCOUNT NO. S-1409
 DRAWING NUMBER SHEET 6 OF 24

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



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



- CONSTRUCTION NOTES:**
- ⊙ — CONSTRUCT 8" V.C.P. SEWER MAIN
 - ⊙ — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500

CURVE DATA				
Δ	R	L	T	
3° 43' 31"	1005.00'	153.08'	76.63'	
18° 25' 17"	1005.00'	373.12'	182.07'	

RIVERIDGE DRIVE
 CORPORATE CENTRE PLACE *

EASTERN MUNICIPAL WATER DISTRICT

REVIEWED BY: *Joe Van Sickle* DATE: 11/21/85

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' W. OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

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 5235 Canyon Crest Drive
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 (714) 351-8329
 (714) 788-7746
 A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF:
Bruce A. Greiner R.C.E. NO. 30534 DATE 8-25-85

**CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT**

APPROVED BY: *John S. Darden* DATE: 2.5.86
 DIRECTOR OF PUBLIC WORKS

DESIGNED BY: *LR* DRAWN BY: *NW* CHECKED BY: *WED*

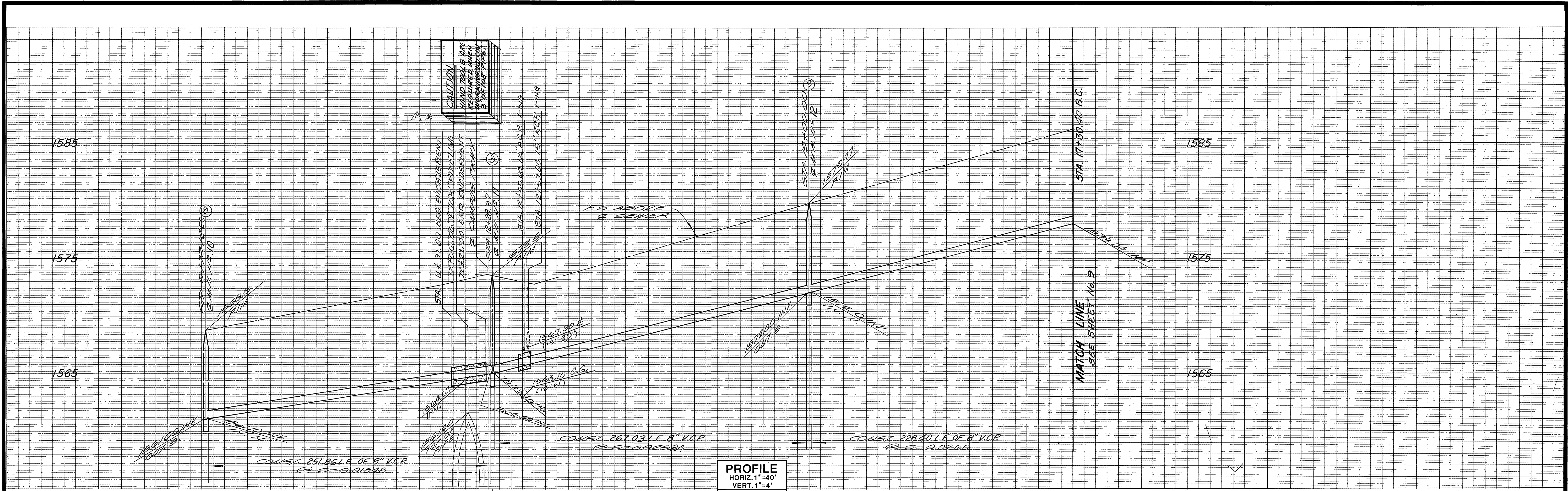
SEWER PLAN & PROFILE

CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 RIVERIDGE DRIVE
 STA. 0+00.00 TO STA. 9+73.12

ACCOUNT NO. _____
 DRAWING NUMBER
 S-7409
 SHEET 7 OF 24

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

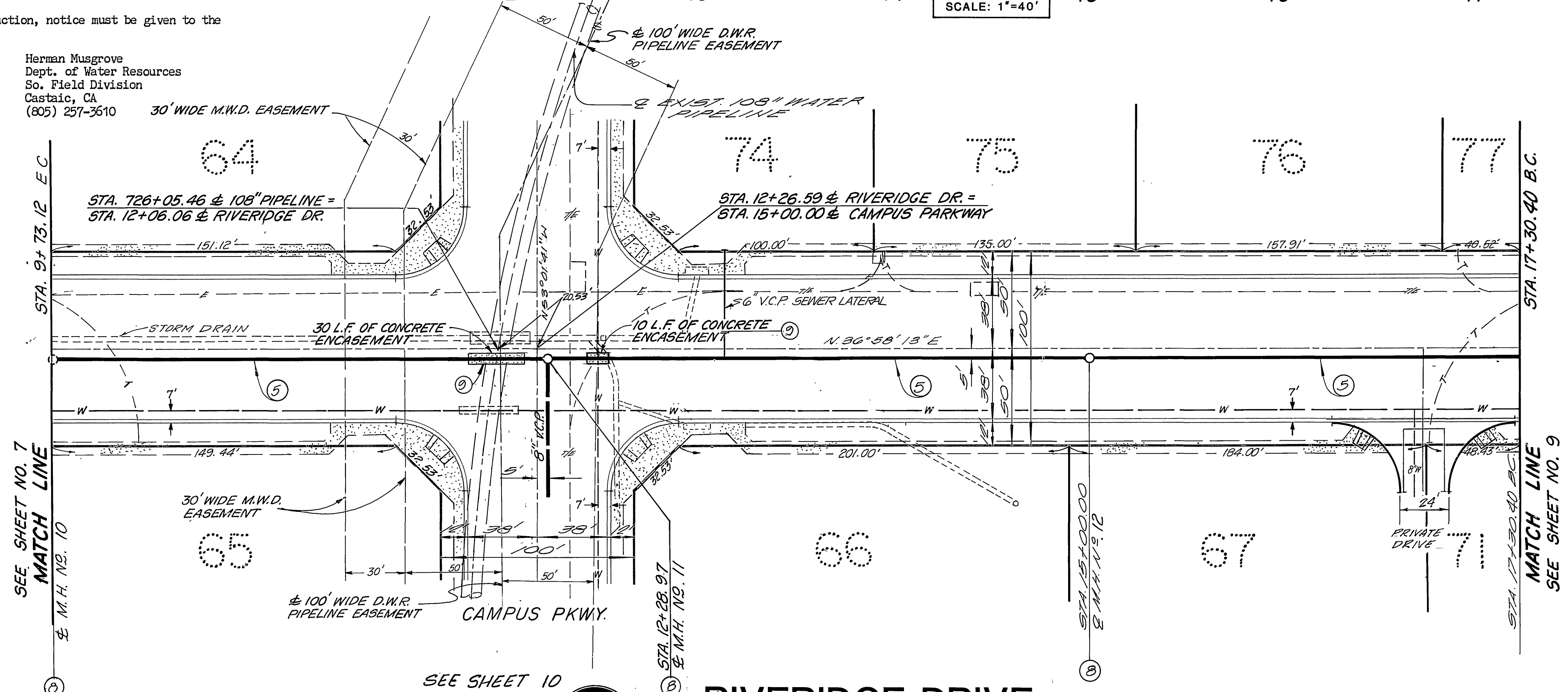
*AS-BUILT 8-25-03 JFH



At least seven days prior to construction, notice must be given to the following:

Ray Oleson
Dept. of Water Resources
Construction Office
Sacramento, CA
(916) 445-2958

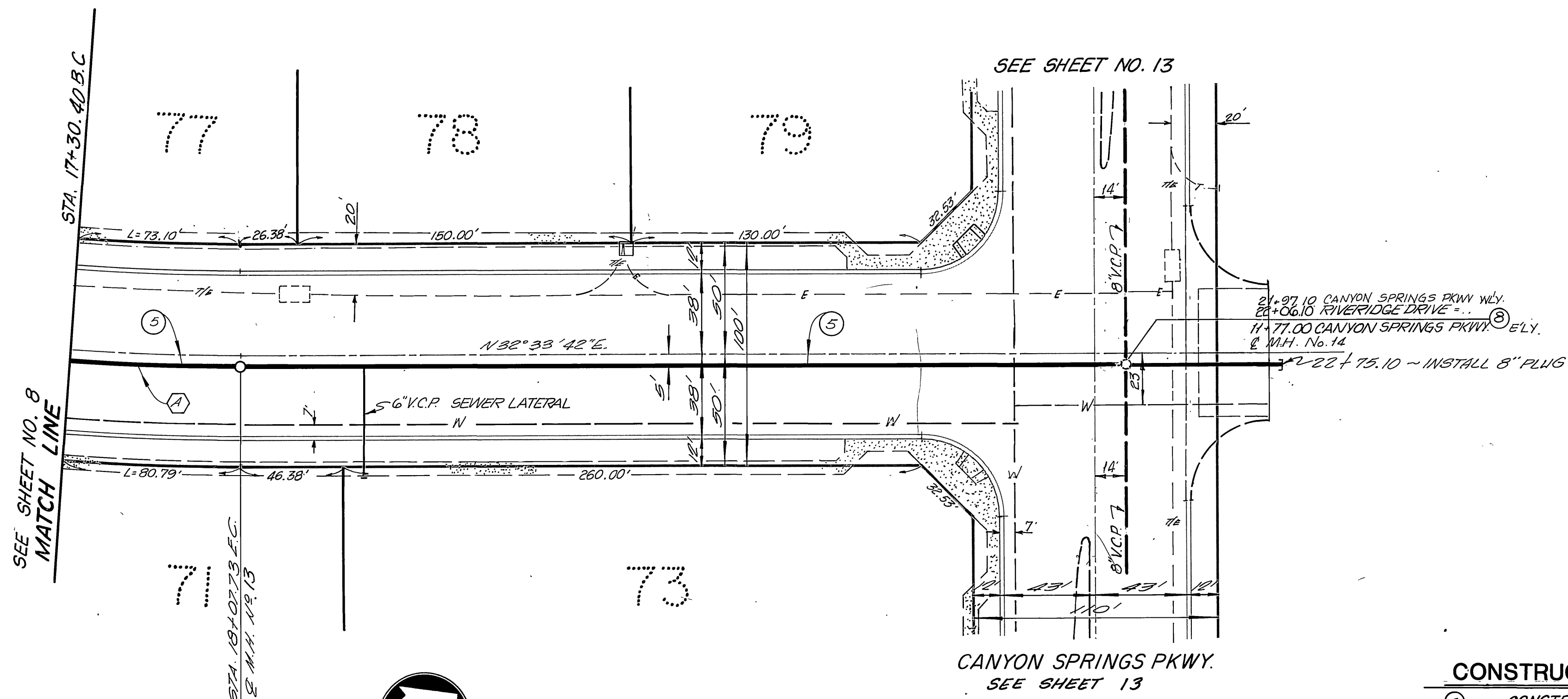
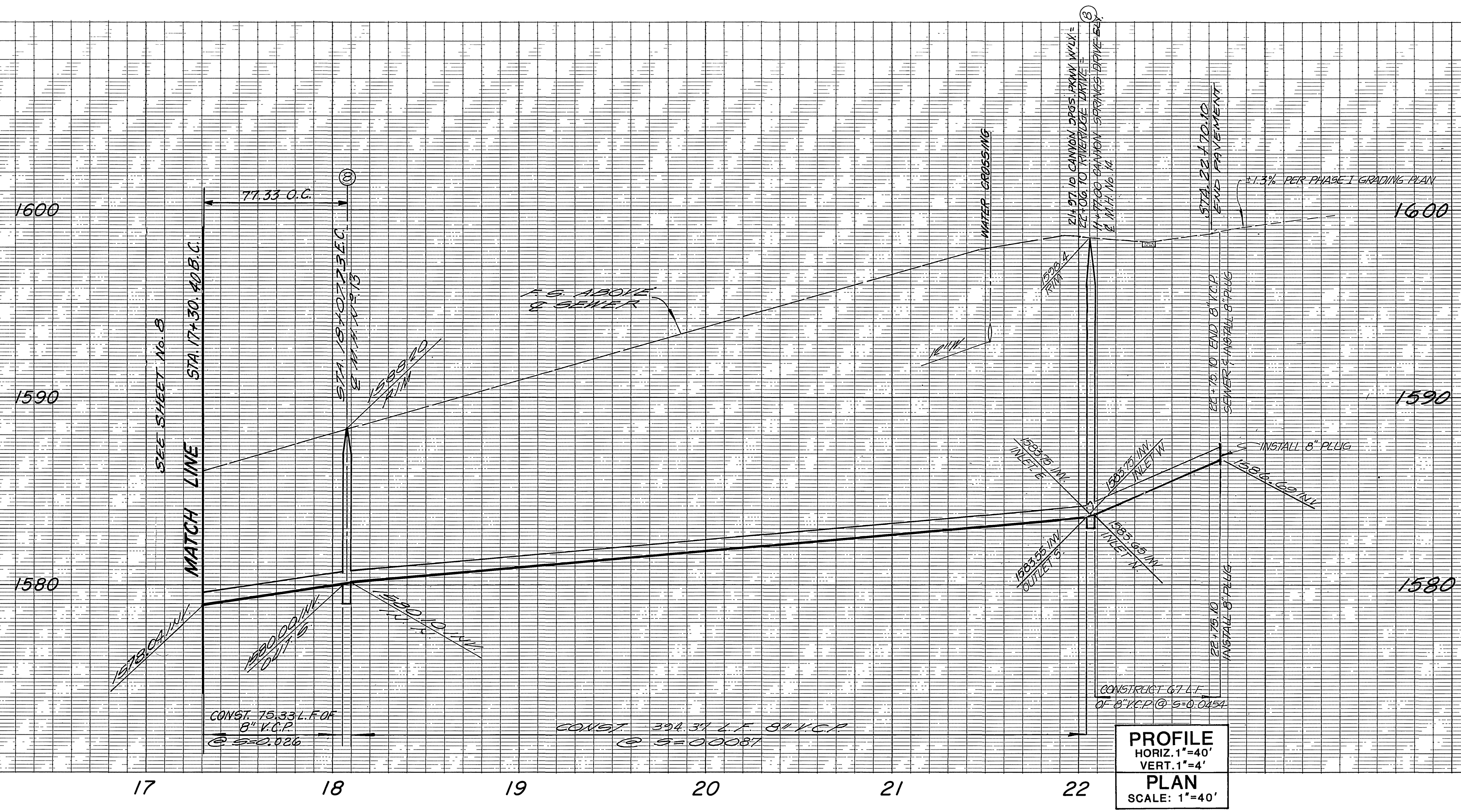
Herman Musgrove
Dept. of Water Resources
So. Field Division
Castaic, CA
(805) 257-3510



- CONSTRUCTION NOTES:**
- ② — CONSTRUCT 8" V.C.P. SEWER MAIN
 - ③ — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NS. 500
 - ④ — CONCRETE ENCASUREMENT PER CITY OF RIVERSIDE P.U.D. CWO-021, 022, & 023

EASTERN MUNICIPAL WATER DISTRICT REVIEWED BY: <i>Joe Van Lillo</i> DATE: <i>11/20/85</i>	BENCHMARK: RIV. CO: B.M. BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53" WEST OF DAY ST. & 23" S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241	 Greiner Engineering of California 9225 Canyon Crest Drive Bldg. 200, Suite 253 Riverside, California 92507 (714) 951-9328 (714) 788-7746 A Greiner Engineering, Inc. Company	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT APPROVED BY: <i>W. D. ...</i> DATE: <i>2.5.86</i> TRAFFIC DIVISION CHIEF PUB. WORKS ENGR.	SEWER PLAN & PROFILE CANYON SPRINGS ASSESSMENT DISTRICT PARCEL MAP NO. 19617 CONSTRUCTION PHASE II, STAGE RIVERIDGE DRIVE STA. 9+73.12 TO STA. 17+30.39 SCALE: HORIZ. 1"=40', VERT. 1"=4'	INDEXED BY CD ACCOUNT No. DRAWING NUMBER S-1409 SHEET 8 OF 24
--------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------

* AS-BUILT 8-25-03 FH



CONSTRUCTION NOTES:

- ② — CONSTRUCT 8" V.C.P. SEWER MAIN
- ③ — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500

CURVE DATA				
	Δ	R	L	T
A	04° 24' 31"	1005.00'	77.33'	38.68'

EASTERN MUNICIPAL WATER DISTRICT
 REVIEWED BY: *Joe Van der Vliet*
 DATE: 1/21/85

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

Greiner
 Greiner Engineering of California
 5225 Canyon Crest Drive
 Bldg 200, Suite 253
 Riverside, California 92507
 (714) 351-9329
 (714) 788-7748
 A Greiner Engineering, Inc. Company
 PLANS PREPARED UNDER THE DIRECTION OF:
Chris D. Greiner
 R.C.E. NO. 30534 DATE 9-25-85

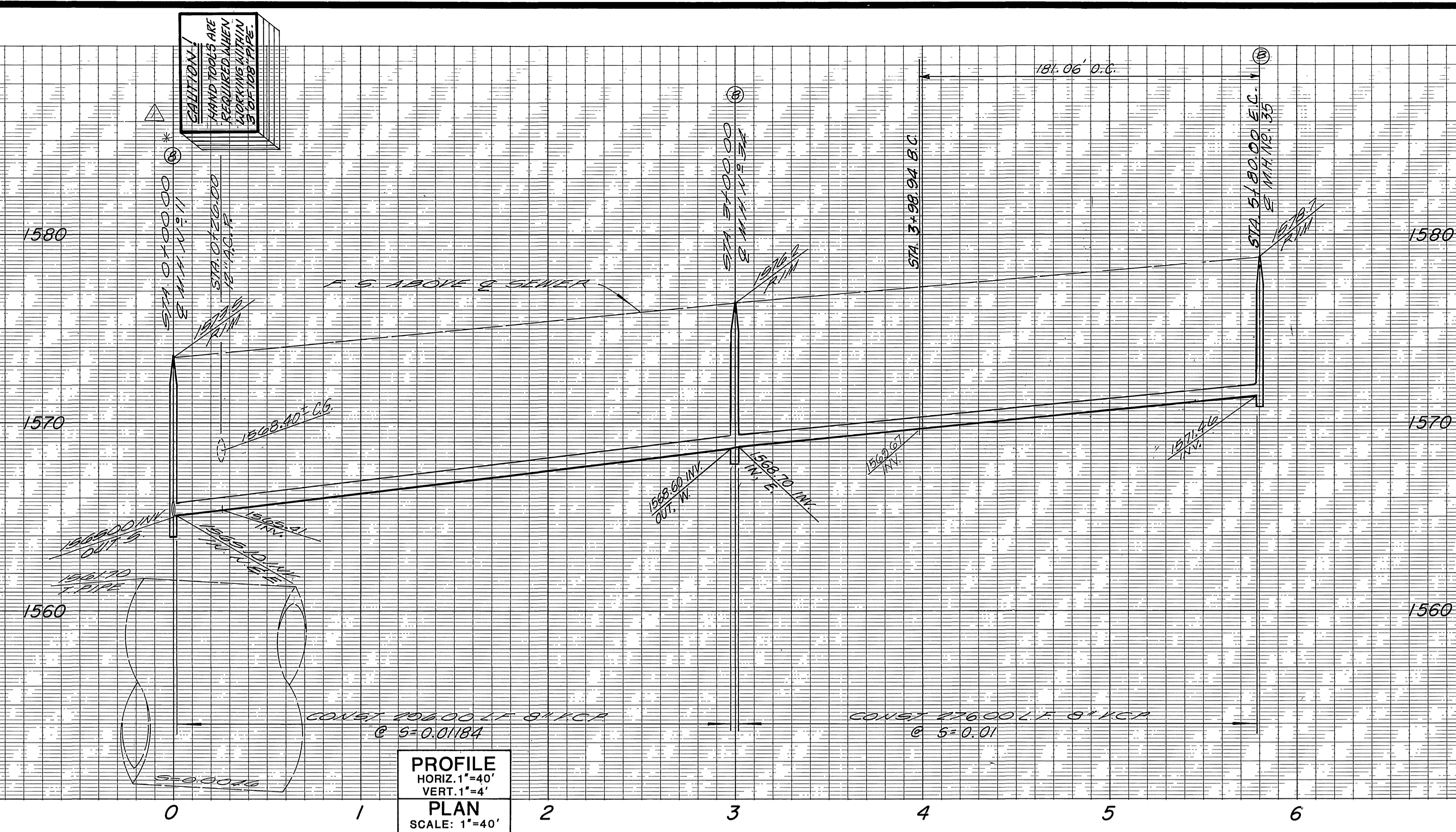
CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 1/23/85
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUB. WKS. ENGR. DATE: 2-5-86

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 2-5-86
 DIRECTOR OF PUBLIC WORKS

SEWER PLAN & PROFILE
 CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 RIVERIDGE DRIVE
 STA. 17+30.39 TO STA. 21+97.10
 SCALE: HORIZ. 1"=40', VERT. 1"=4'

INDEXED BY CD
 ACCOUNT No. 5-1409
 DRAWING NUMBER
 SHEET 9 OF 24

*AS-BUILT 8-25-03 471

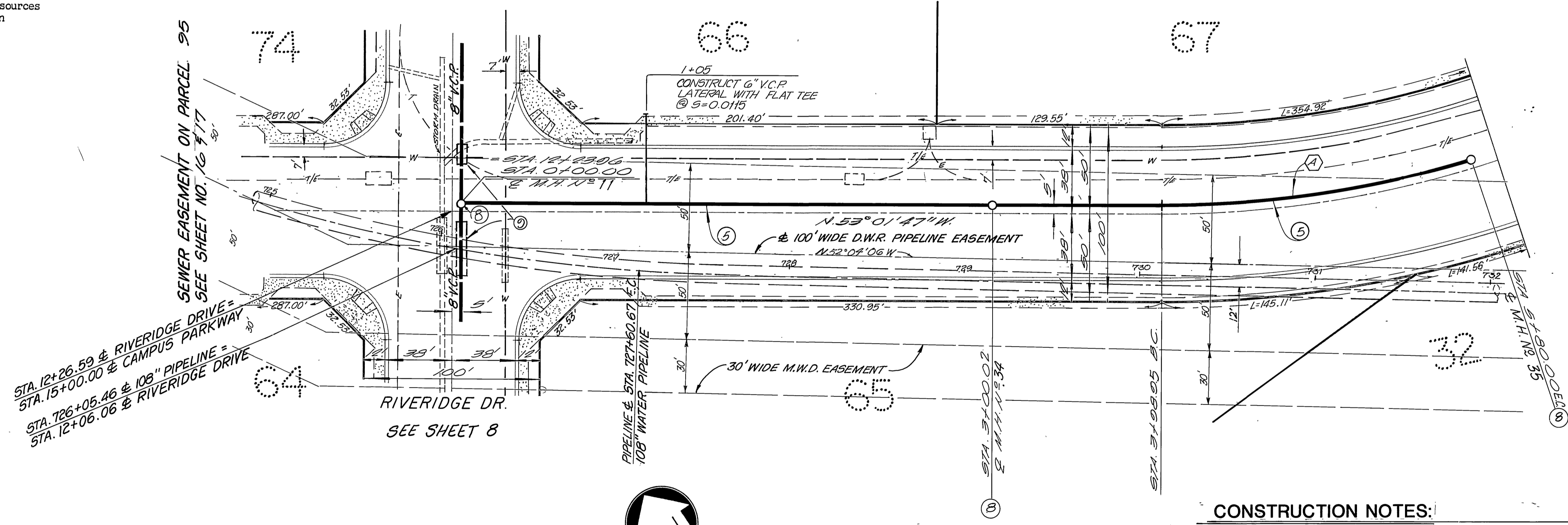


PROFILE
 HORIZ. 1"=40'
 VERT. 1"=4'
PLAN
 SCALE: 1"=40'

At least seven days prior to construction, notice must be given to the following:

Ray Oleson
 Dept. of Water Resources
 Construction Office
 Sacramento, CA
 (916) 445-2368

Herman Musgrove
 Dept. of Water Resources
 So. Field Division
 Castaic, CA
 (805) 257-3610

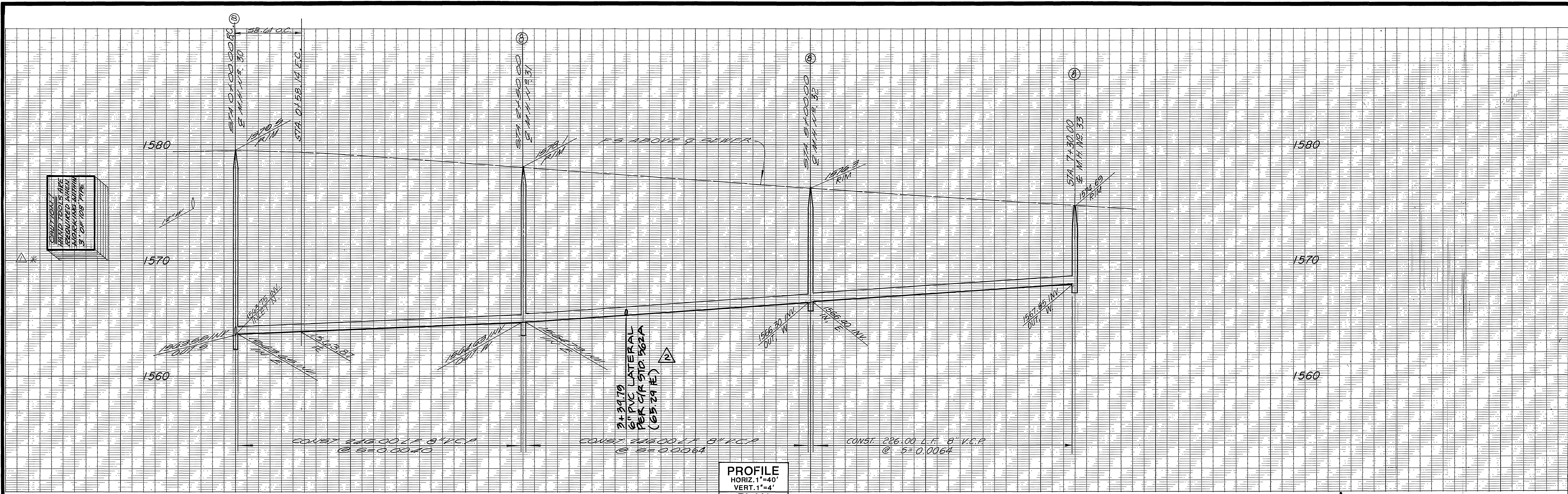


CURVE DATA				
	Δ	R	L	T
A	17°26'03"	509.00'	181.05'	91.23'

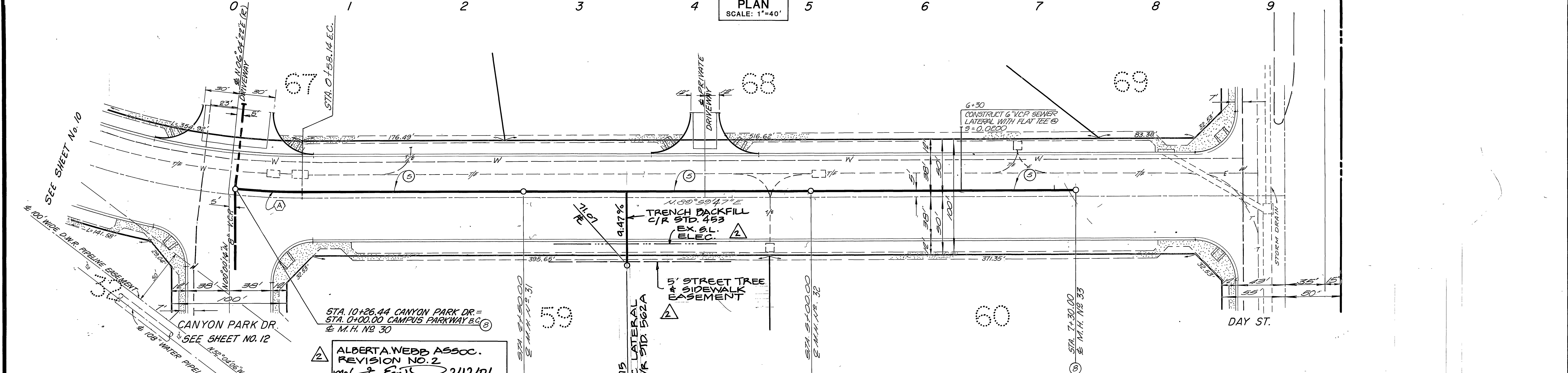
- CONSTRUCTION NOTES:**
- ① — CONSTRUCT 8" V.C.P. SEWER MAIN
 - ② — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING N9. 500
 - ③ — CONCRETE ENCASUREMENT PER CITY OF RIVERSIDE P.U.D. CWO -021,022 & 023.

CAMPUS PARKWAY

EASTERN MUNICIPAL WATER DISTRICT REVIEWED BY: DATE: 11/27/85	BENCHMARK: RIV. CO: B.M. BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53" WEST OF DAY ST. & 23" S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241	 Greiner Engineering of California 6225 Canyon Crest Drive Bldg. 200, Suite 253 Riverside, California 92507 (714) 351-8329 (714) 788-7746 A Greiner Engineering, Inc. Company	PLANS PREPARED UNDER THE DIRECTION OF: R.C.E. NO. 30534 DATE 9-25-85	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT APPROVED BY: [Signature] PRINCIPAL ENGINEER: [Signature] PARK DEPARTMENT: [Signature] TRAFFIC DIVISION: [Signature] CHIEF PUBLIC WORKS ENGINEER: [Signature] DATE: 2-5-86	SEWER PLAN & PROFILE CANYON SPRINGS ASSESSMENT DISTRICT PARCEL MAP NO. 19617 CONSTRUCTION PHASE II, STAGE I CAMPUS PARKWAY STA. 0+00.00 TO STA. 5+80.00 SCALE: HORIZ. 1"=40', VERT. 1"=4'	INDEXED BY: [Signature] ACCOUNT No. [Blank] DRAWING NUMBER S-1409 SHEET 10 OF 24



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



- CONSTRUCTION NOTES:**
- ① CONSTRUCT 8" V.C.P. SEWER MAIN
 - ② CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500

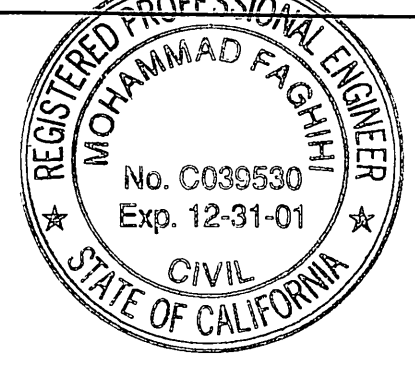
CURVE DATA			
Δ	R	L	T
1	3° 28' 38"	585.00	58.61' 20.33

At least seven days prior to construction, notice must be given to the following:

Ray Oleson
 Dept. of Water Resources
 Construction Office
 Sacramento, CA
 (916) 445-2958

Herman Musgrove
 Dept. of Water Resources
 So. Field Division
 Castaic, CA
 (805) 257-3610

ALBERTA WEBB ASSOC.
 REVISION NO. 2
 Mo. 9 Feb. 3/12/01
 APPROVER DATE



CAMPUS PARKWAY

Greiner
 Greiner Engineering of California
 5225 Canyon Crest Drive
 Bldg 200, Suite 253
 Riverside, California 92507
 (714) 351-6328
 (714) 788-7746
 A Greiner Engineering, Inc. Company

MARK	REVISIONS	APPR.	DATE
Δ	add hwr lat. 3+39.79 sig 3/13/01		
Δ	ADDED DWR NOTIFICATION NOTE		

**CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT**

APPROVED BY	BY	DATE	APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	WJ	1/27/05	DIRECTOR OF PUBLIC WORKS	William S. Hurd	2.5.06
TRAFFIC DIVISION			CHIEF PUB. WKS. ENGR.	WJ	1/23/01

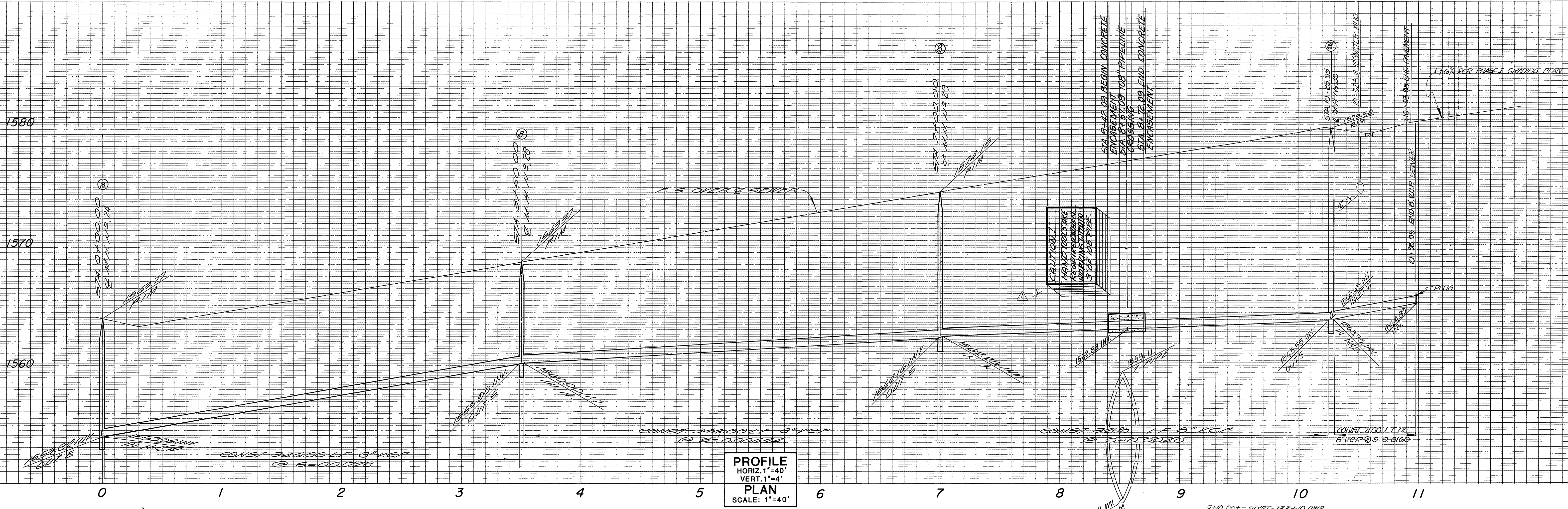
SEWER PLAN & PROFILE
 CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 CAMPUS PARKWAY
 STA. 0+00.00 TO STA. 7+30.00
 SCALE: HORIZ. 1"=40', VERT. 1"=4'

INDEXED BY CD
 ACCOUNT No.
 DRAWING NUMBER
 S-1409
 SHEET 11 OF 24

EASTERN MUNICIPAL WATER DISTRICT
 REVIEWED BY: Joe Van Skille
 DATE: 1/27/05

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

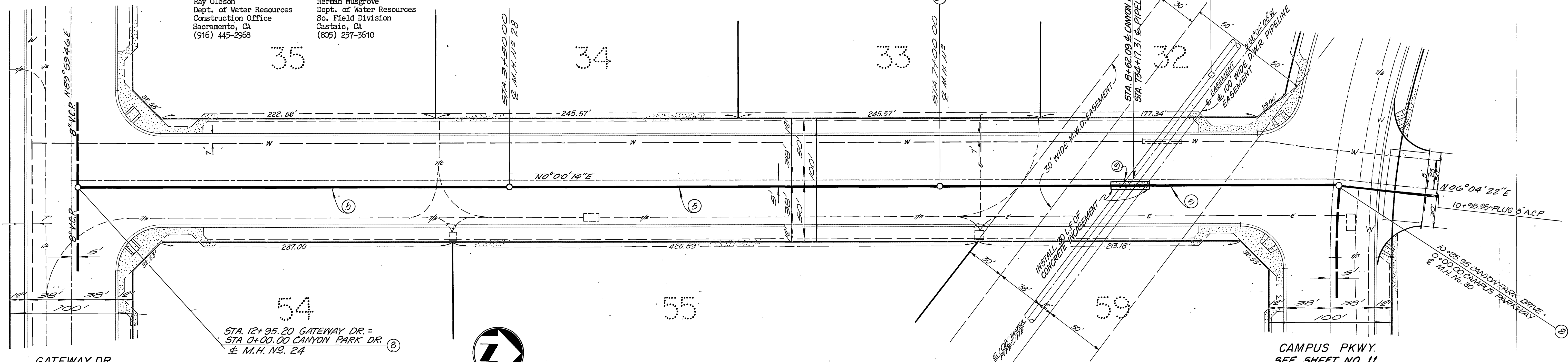
PLANS PREPARED UNDER THE DIRECTION OF:
 R.C.E. NO. 32534 DATE 9-25-85



At least seven days prior to construction, notice must be given to the following:

Ray Oleson
 Dept. of Water Resources
 Construction Office
 Sacramento, CA
 (916) 445-2568

Herman Musgrove
 Dept. of Water Resources
 So. Field Division
 Castaic, CA
 (805) 257-3610



CONSTRUCTION NOTES:

- ① - CONSTRUCT 8" V.C.R. SEWER MAIN
- ② - CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO 500
- ③ - CONSTRUCTION NOTES cont'd
- ④ - CONCRETE ENCASUREMENT PER CITY OF RIVERSIDE P.U.D. CWO -021,022, & 023.

EASTERN MUNICIPAL WATER DISTRICT

REVIEWED BY: *Joe Van Dille* DATE: 11/27/05

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16' HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

Greiner
 Greiner Engineering of California
 5225 Canyon Crest Drive
 Bldg. 200, Suite 253
 Riverside, California 92507
 (714) 951-1324
 (714) 788-7746
 A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF:
Chris Zeman R.C.E. NO. 30534 DATE 9-25-85

MARK	REVISIONS	APPR.	DATE
▲	ADDED DWR NOTIFICATION NOTE		

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 2-5-86
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.U.D. ENGR.

SEWER PLAN & PROFILE

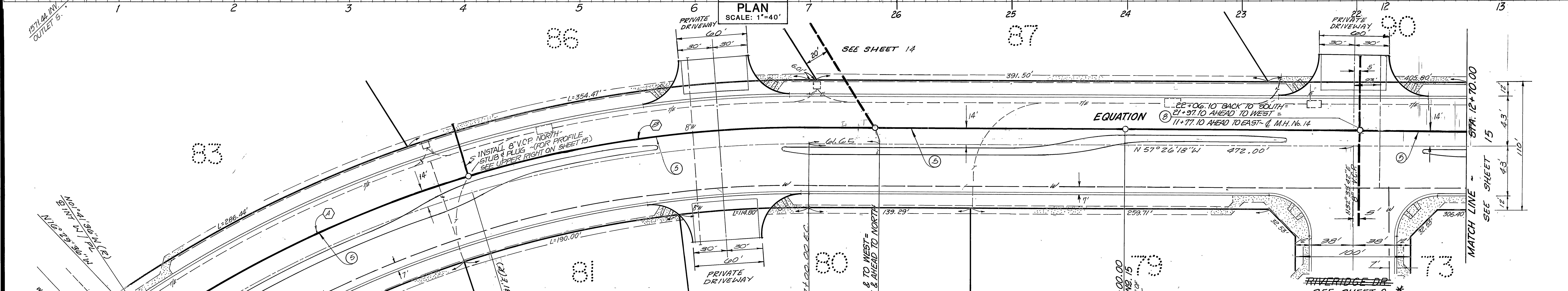
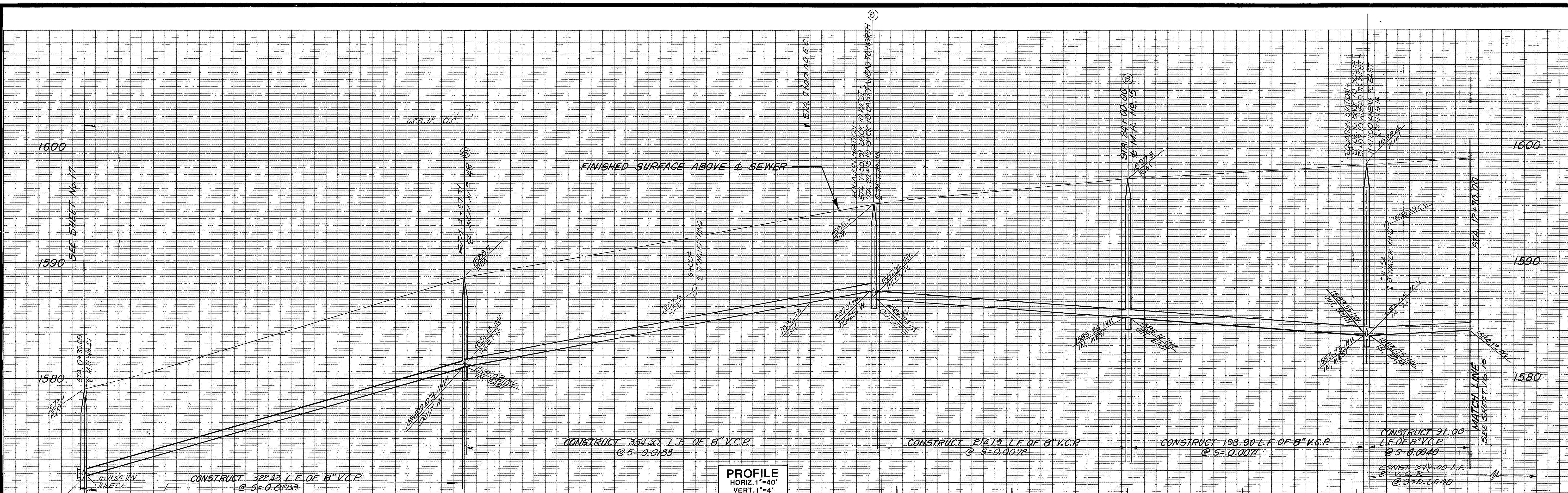
CANYON SPRINGS ASSESSMENT DISTRICT

PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 CANYON PARK DRIVE
 STA. 0+00.00 TO STA. 10+26.44

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

INDEXED BY: *[Signature]*

ACCOUNT NO. **12**
 DRAWING NUMBER **S-1409**
 SHEET **12** OF **24**



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

CURVE DATA				
	Δ	R	L	T
A	13° 26' 42"	1014.00	326.43'	164.64
B	17° 06' 12"	1014.00	302.69'	152.47

- CONSTRUCTION NOTES:**
- ① — CONSTRUCT 8" V.C.P. SEWER MAIN
 - ② — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500
 - ③ — 8" STUB & PLUG

CANYON SPRINGS PARKWAY

EASTERN MUNICIPAL WATER DISTRICT
 REVIEWED BY: *Joe Van der... 11/27/85*
 DATE: 11/27/85

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

Greiner
 Greiner Engineering of California
 5225 Canyon Crest Drive
 Bldg. 200, Suite 253
 Riverside, California 92507
 (714) 351-3322
 (714) 788-7746
 A Greiner Engineering, Inc. Company

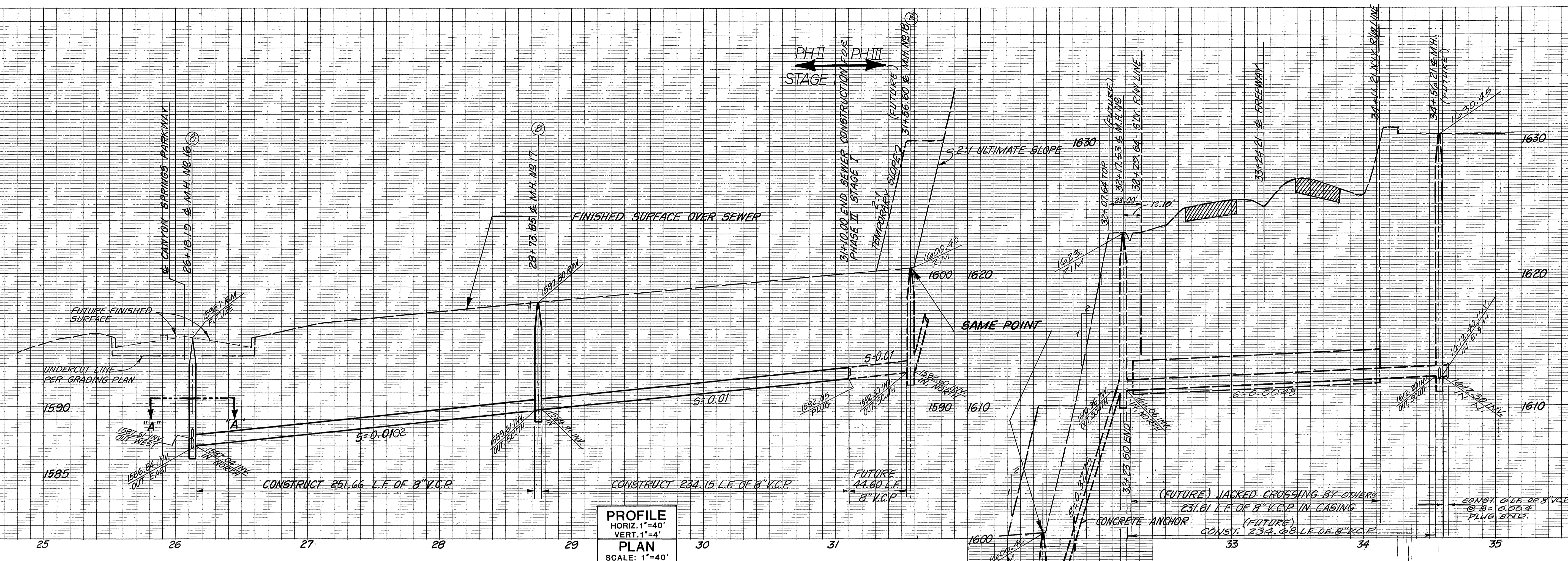
PLANS PREPARED UNDER THE DIRECTION OF
John J. ...
 R.C.E. NO. 30534 DATE 9-25-85
 DESIGNED BY: H.A. DRAWN BY: W.W. CHECKED BY: FRED

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 2-5-86
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUB. WKS. ENGR.

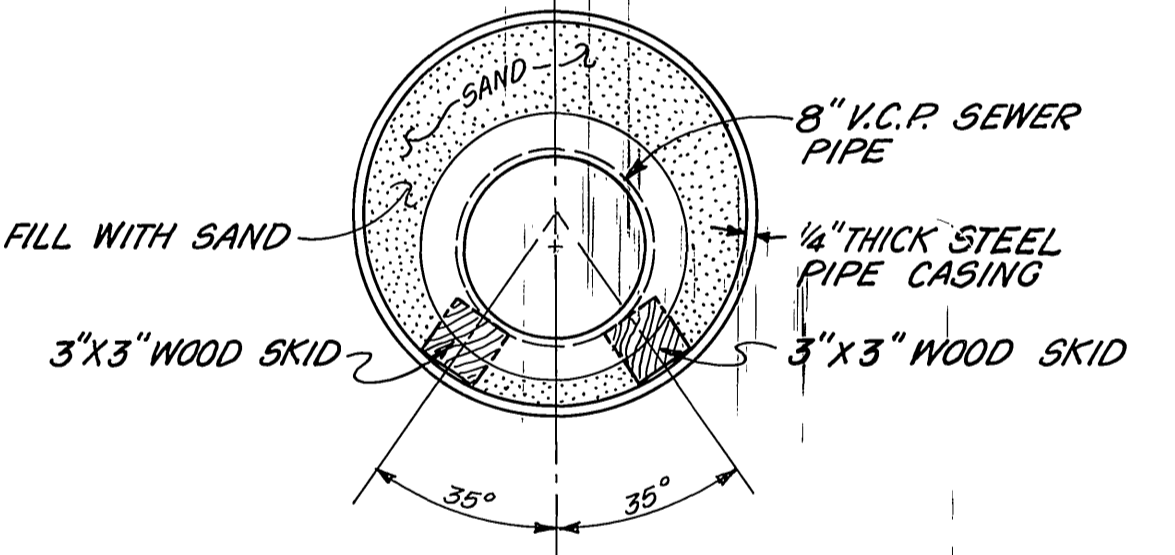
SEWER PLAN & PROFILE
 CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 CANYON SPRINGS PARKWAY
 STA. 0+00.00 TO STA. 21+04.10
 SCALE: HORIZ. 1"=40', VERT. 1"=4'

ACCOUNT NO.
 DRAWING NUMBER
 S-7409
 SHEET 13 OF 24

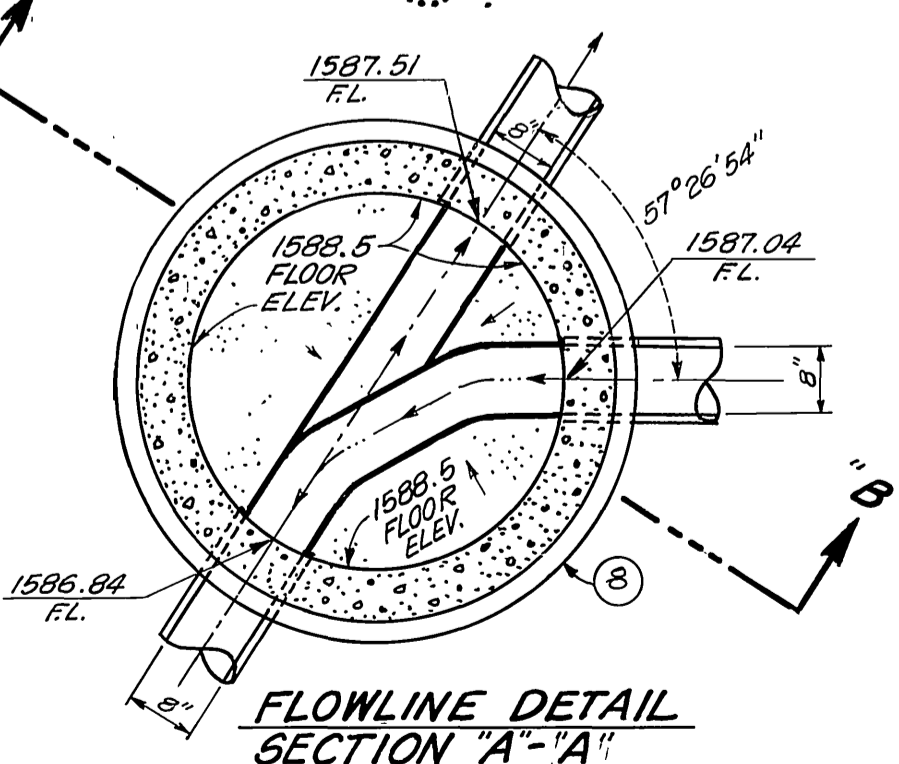
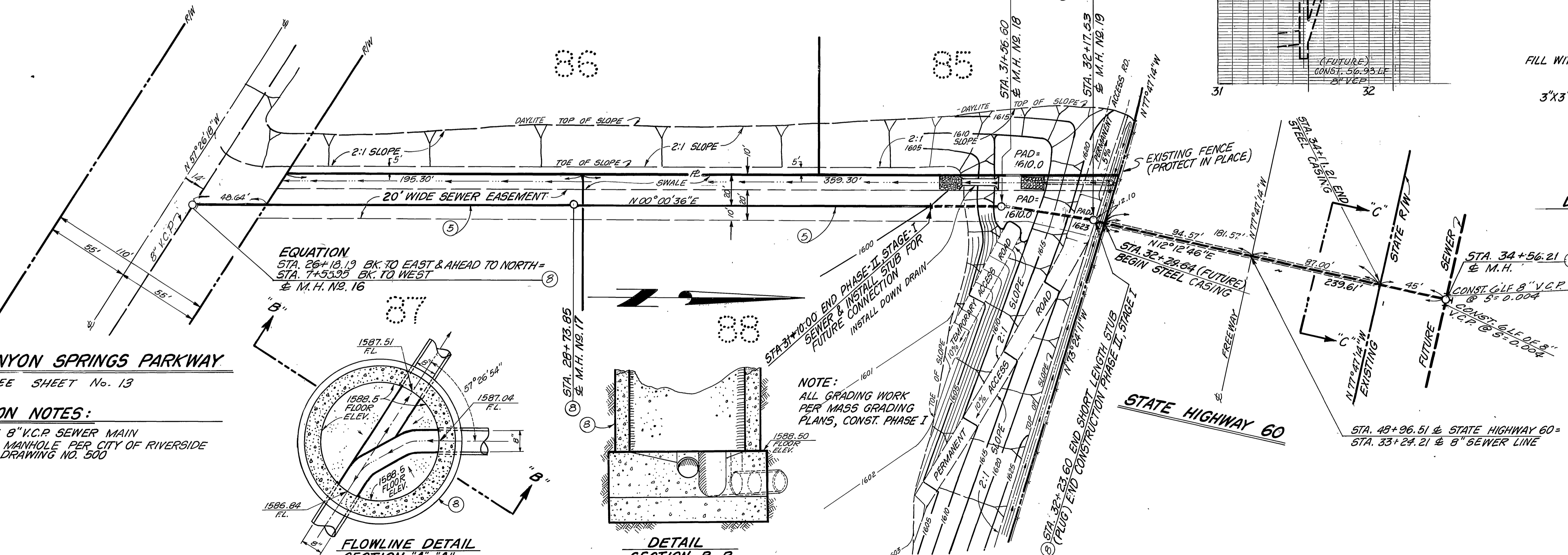
*AS-BUILT 8-25-03 JH



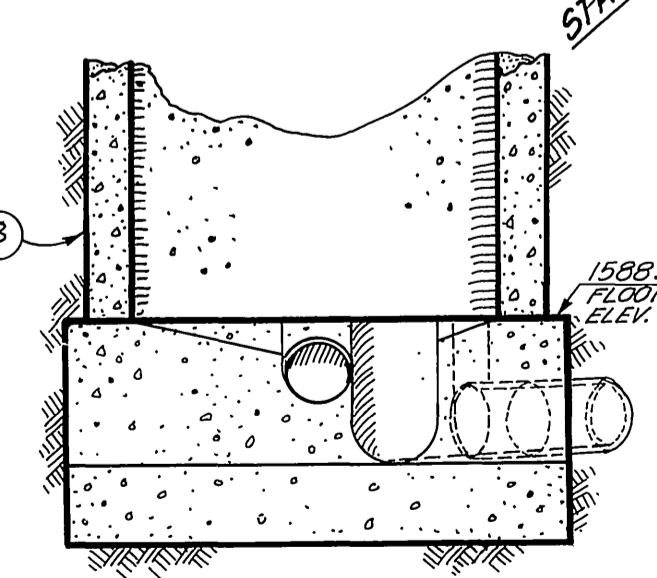
PROFILE
HORIZ. 1"=40'
VERT. 1"=4'
PLAN
SCALE: 1"=40'



DETAIL OF STEEL PIPE CASING
SECTION "C-C"
(FUTURE WORK BY OTHERS)



FLOWLINE DETAIL
SECTION "A-A"



DETAIL
SECTION "B-B"

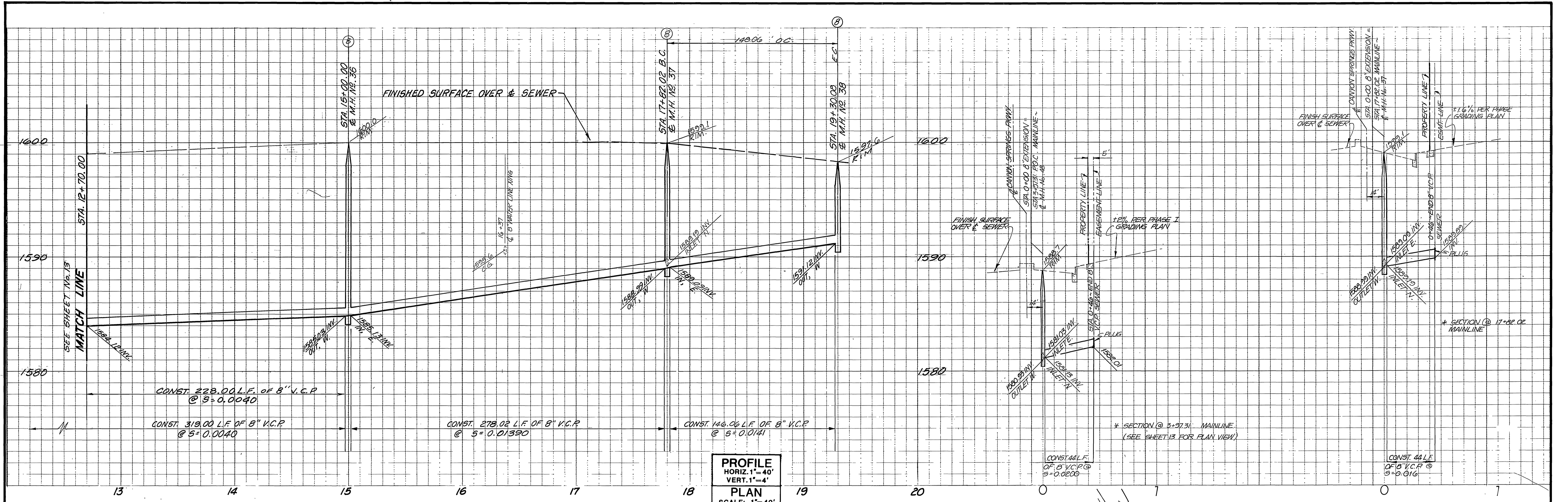
NOTE:
ALL GRADING WORK
PER MASS GRADING
PLANS, CONST. PHASE I

CANYON SPRINGS PARKWAY
SEE SHEET No. 13

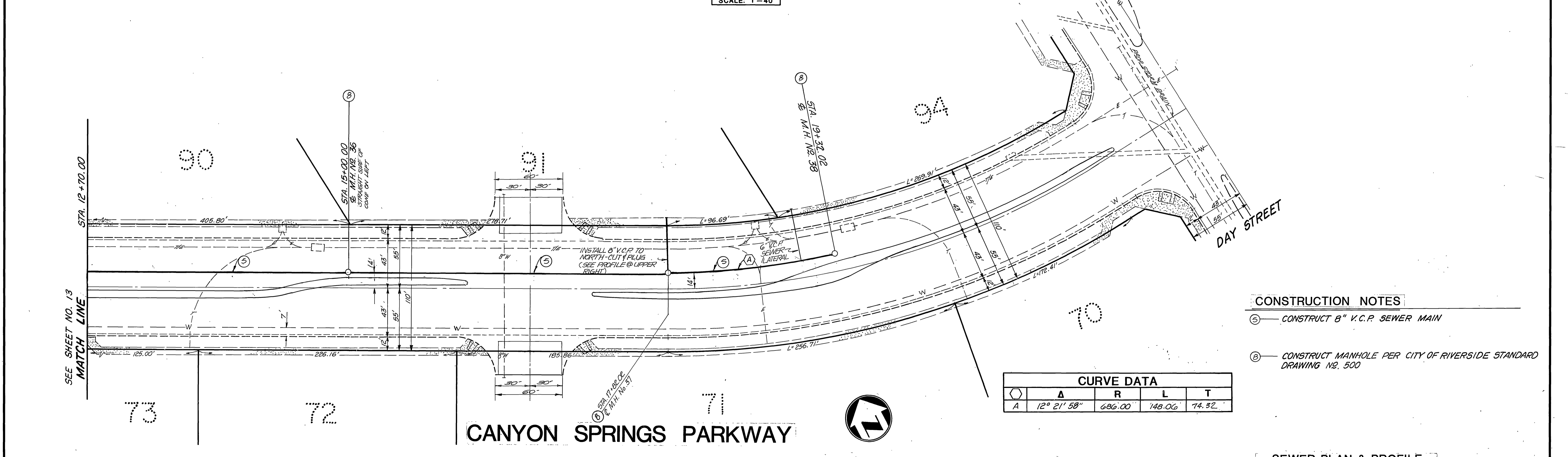
CONSTRUCTION NOTES:

- 1. CONSTRUCT 8" V.C.P. SEWER MAIN
- 2. CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500

<p>BENCHMARK: RIV. CO: B.M. BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16' HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.B. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241</p>		<p>Greiner Greiner Engineering of California 6225 Canyon Crest Drive Bldg. 200, Suite 253 Riverside, California 92507 (714) 951-8928 (714) 788-7746 A Greiner Engineering, Inc. Company</p>		<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p>		<p>SEWER PLAN & PROFILE CANYON SPRINGS ASSESSMENT DISTRICT</p>		<p>INDEXED BY CD ACCOUNT NO. DRAWING NUMBER S-1409 SHEET 14 OF 24</p>	
<p>PLANS PREPARED UNDER THE DIRECTION OF: R.C.E. NO. 30534 DATE 9-25-85</p>		<p>DESIGNED BY: DRAWN BY: CHECKED BY: PREP.</p>		<p>APPROVED BY: DATE: 2-5-86</p>		<p>APPROVED BY: DATE: 2-5-86</p>		<p>SCALE: HORIZ. 1"=40', VERT. 1"=4'</p>	



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



CURVE DATA				
	Δ	R	L	T
A	12° 21' 58"	686.00'	148.06'	74.32'

- CONSTRUCTION NOTES**
- ⑤ — CONSTRUCT 8" V.C.P. SEWER MAIN
 - ⑥ — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 6" x 16" HDWL @ THE S.W. CORNER OF HWY: 60 & DAY ST., 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

EASTERN MUNICIPAL WATER DISTRICT
 REVIEWED BY: *Joe Van Sickle* DATE: 11/27/85

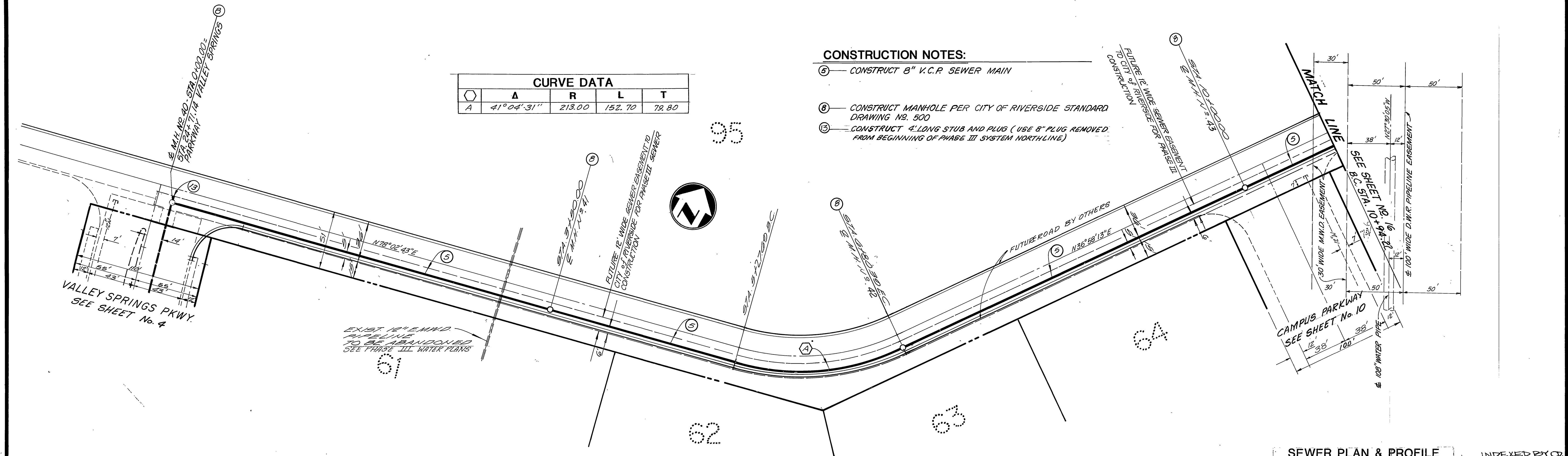
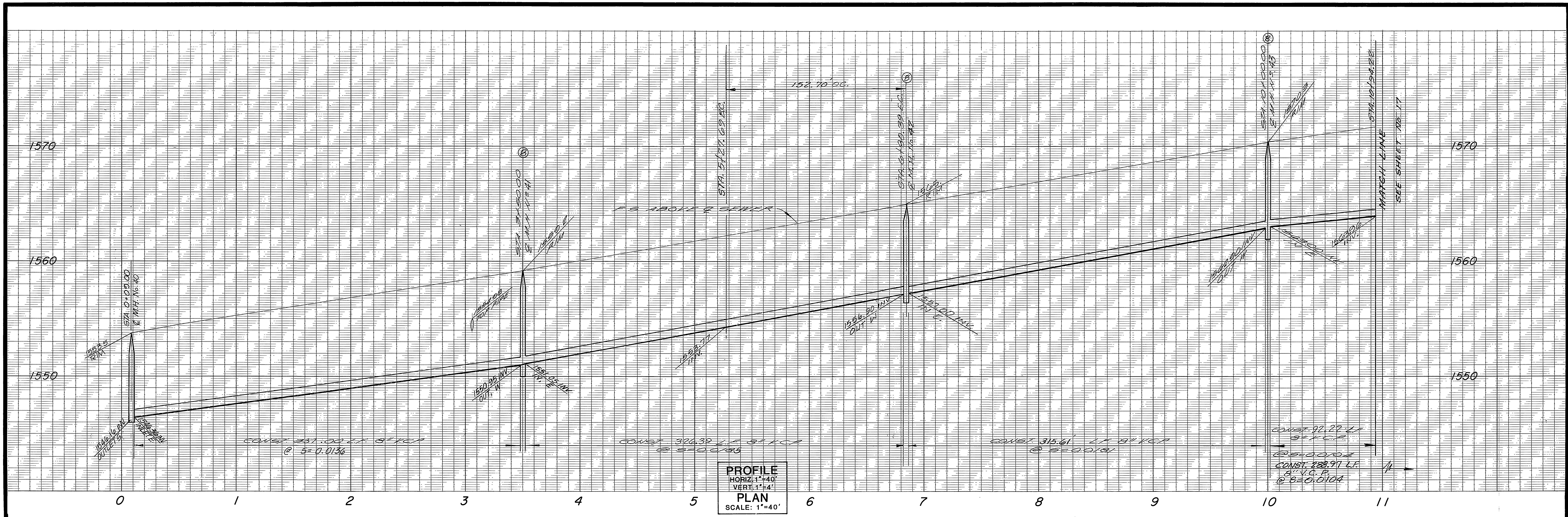
Greiner
 Greiner Engineering of California
 5225 Canyon Crest Drive
 Bldg. 200, Suite 253
 Riverside, California 92507
 (714) 351-8328
 (714) 783-7746
 A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF:
David J. Jones
 R.C.E. NO. 30534 DATE 9-25-85
 DESIGNED BY H.A. DRAWN BY W.W. CHECKED BY P.D.

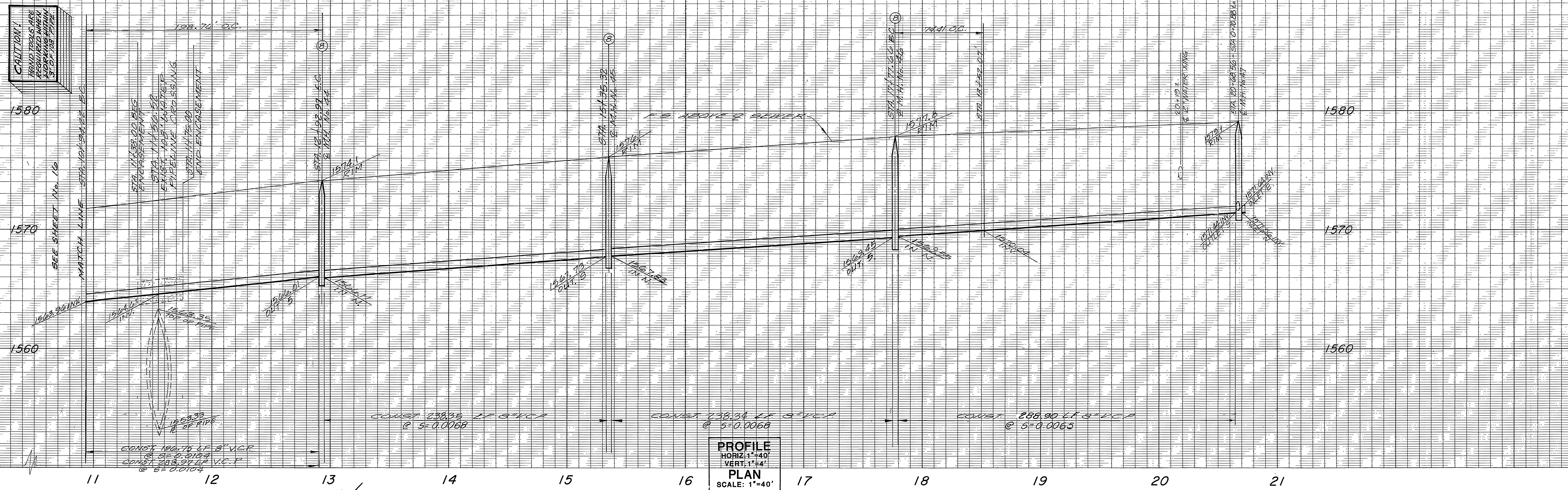
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: *W. J. ...* DATE: 11/27/85
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUB. WKS. ENGR
 APPROVED BY: *William D. ...*
 DIRECTOR OF PUBLIC WORKS
 DATE: 2-5-86

SEWER PLAN & PROFILE
 CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 CANYON SPRINGS PARKWAY
 STA. 12+70.00 TO STA. 19+38.02
 SCALE: HORIZ. 1"=40', VERT. 1"=4'

INDEXED BY: *CD*
 ACCOUNT NO.
 DRAWING NUMBER
 S-1409
 SHEET 15 OF 24
 J.N. 6651504

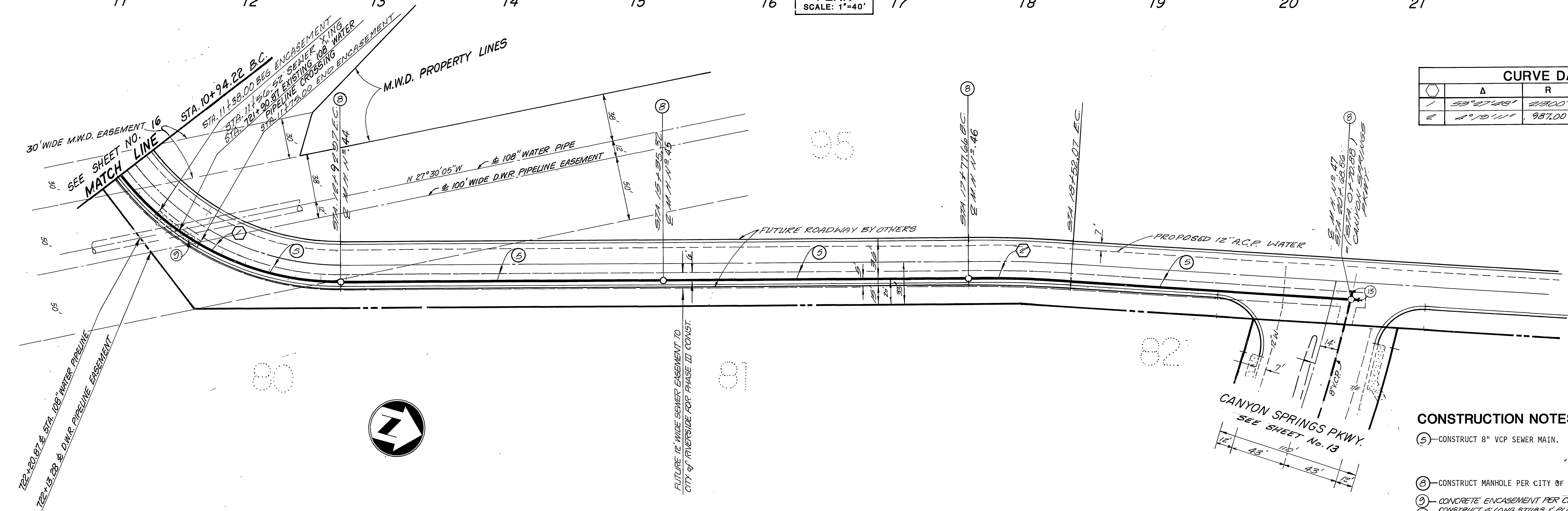


EASTERN MUNICIPAL WATER DISTRICT REVIEWED BY: DATE: 11/27/85	BENCHMARK: RIV. CO: B.M. BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241	 Greiner Engineering of California 5225 Canyon Crest Drive Bldg. 200, Suite 253 Riverside, California 92507 (714) 351-8328 (714) 788-7748 A Greiner Engineering, Inc. Company	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		CANYON SPRINGS ASSESSMENT DISTRICT	ACCOUNT NO.
			APPROVED BY: PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF PUB. WKS. ENGR.	BY DATE: 11/27/85	APPROVED BY: DIRECTOR OF PUBLIC WORKS	DATE: 2-5-86

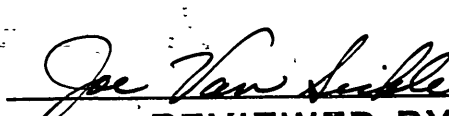


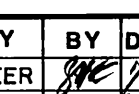


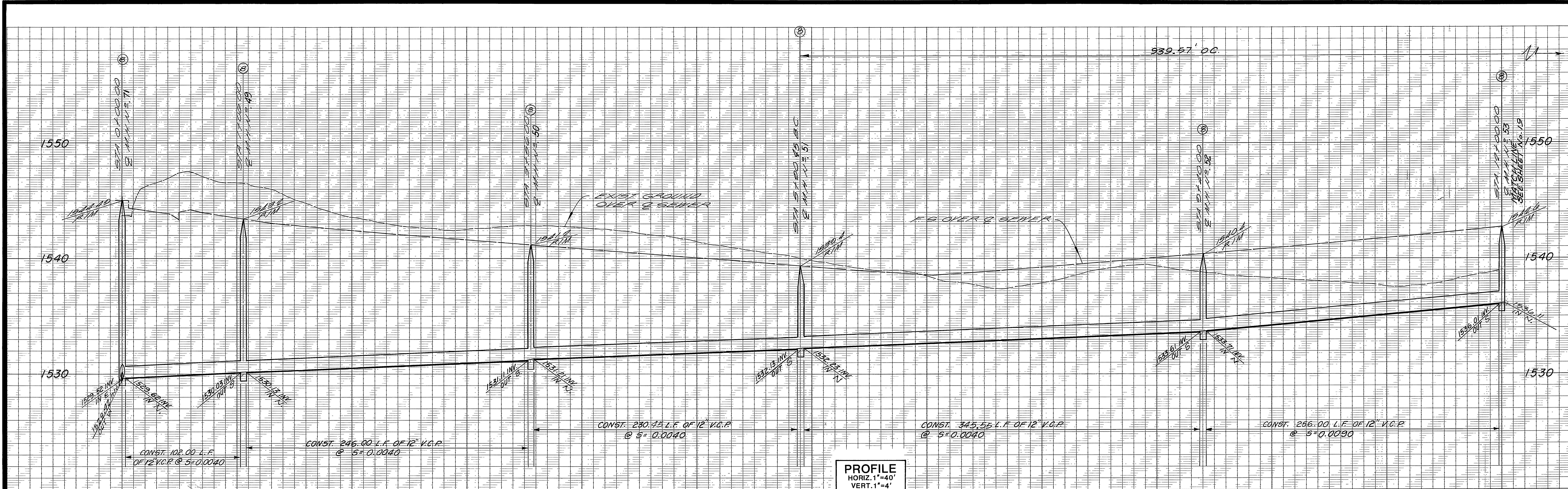
PROFILE
 HORIZ. 1"=40'
 VERT. 1"=4'
 PLAN
 SCALE: 1"=40'

Curve No.	Δ	R	L	T
1	33° 27' 48"	2300'	109.25'	107.28'
2	2° 19' 11"	987.00'	74.41'	37.22'



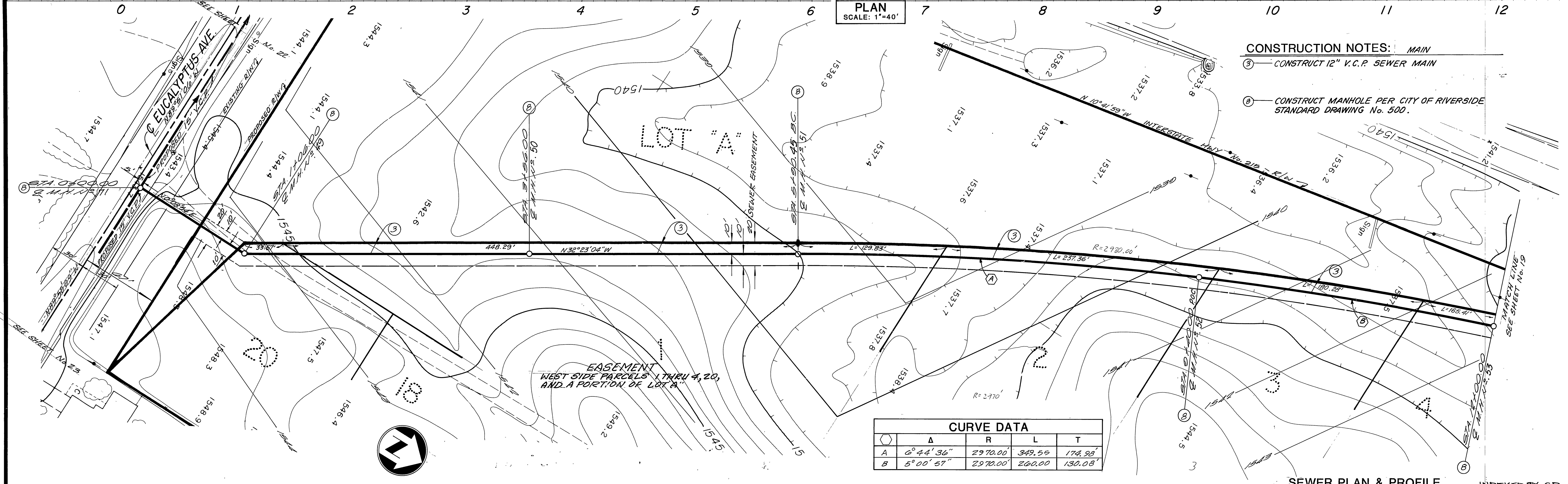
- CONSTRUCTION NOTES:**
- (S) CONSTRUCT 8" VCP SEWER MAIN.
 - (B) CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500.
 - (C) CONCRETE ENCASUREMENT PER CITY OF RIVERSIDE P.L.D. C.V.O.-021, 022, & 023.
 - (P) CONSTRUCT 4" LONG STUBS & PLUGS (USE 8" PLUGS REMOVED FROM BEGINNING & END OF PHASE III SYSTEM SOUTHLINE).
- SEWER PLAN & PROFILE**

EASTERN MUNICIPAL WATER DISTRICT  REVIEWED BY:	BENCHMARK: RIV. CO: B.M. BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53" WEST OF DAY ST. & 23" S.E. OF N.E. CORNER OF A.C.S.D.H. B/W FENCE. ELEVATION = 1612.241	 Greiner Engineering of California 9225 Canyon Crest Drive Bldg. 200, Suite 253 Riverside, California 92507 (714) 951-9329 (714) 788-7746 A Greiner Engineering, Inc. Company	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT APPROVED BY:  DATE: 2.5.86 BY DATE:  1/27/85 PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF PUB WKS ENGR.	CANYON SPRING ASSESSMENT DISTRICT PARCEL MAP NO. 19617 CONSTRUCTION PHASE II, STAGE I NORTH LINE EASEMENT WITHIN PARCEL 95 STA. 10+94.22 TO STA. 20+68.56 SCALE: HORIZ: 1"=40'; VERT: 1"=4'	INDEXED BY: CP ACCOUNT NO. DRAWING NUMBER S-1409 SHEET 17 OF 24



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

- CONSTRUCTION NOTES:**
- ③ CONSTRUCT 12" V.C.P. SEWER MAIN
 - ④ CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING No. 500.

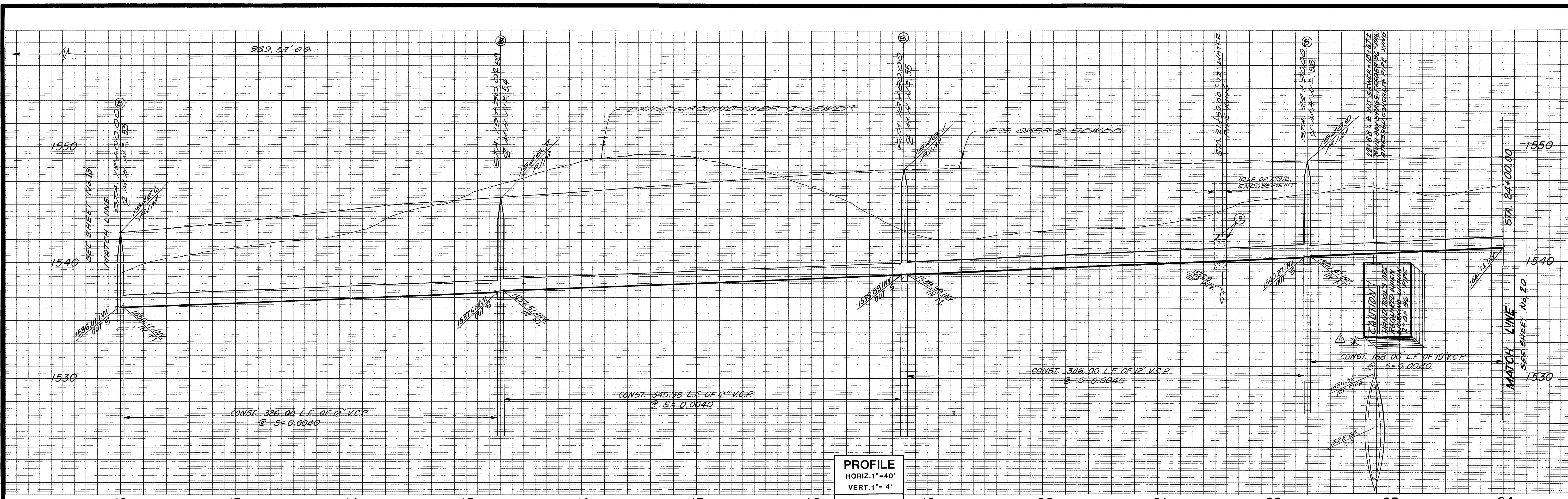


CURVE DATA

Curve	Δ	R	L	T
A	0° 44' 36"	2970.00	349.59	174.98
B	5° 00' 57"	2970.00	260.00	130.08

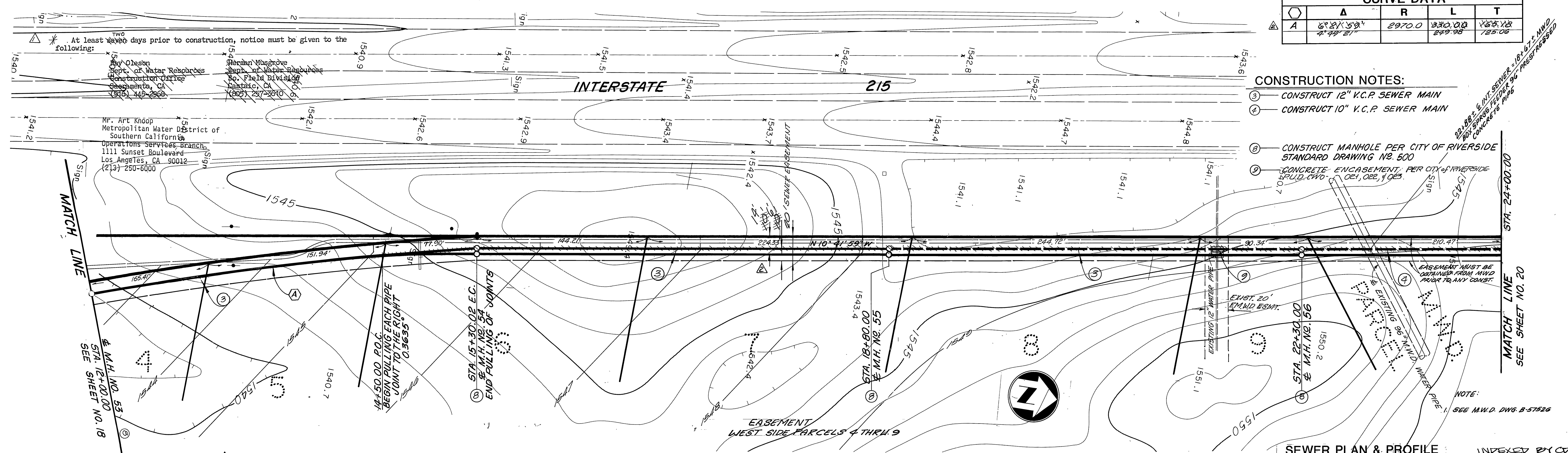
SEWER PLAN & PROFILE

BENCHMARK: BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53" WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241 RIV. CO: B.M.	 Greiner Engineering of California 5225 Canyon Crest Drive Bldg 200, Suite 255 Riverside, California 92507 (714) 351-8328 (714) 786-7746 A Greiner Engineering, Inc. Company	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		CANYON SPRINGS ASSESSMENT DISTRICT PARCEL MAP NO. 19617 CONSTRUCTION PHASE II, STAGE I EASEMENT WEST SIDE PCLS 1-4 STA. 0+00.00 TO STA. 12+00.00	ACCOUNT NO. DRAWING NUMBER S-1409 SHEET 18 OF 24
		PLANS PREPARED UNDER THE DIRECTION OF: R.C.E. NO. 30531 DATE 9-25-85	APPROVED BY: PRINCIPAL ENGINEER: DATE 10/13/85 TRAFFIC DIVISION: CHIEF P.W. ENGR.: DATE 2.5.86	APPROVED BY: DIRECTOR OF PUBLIC WORKS: DATE 2.5.86	SCALE: HORIZ. 1"=40', VERT. 1"=4'



PROFILE
 HORIZ. 1"=40'
 VERT. 1"=4'
PLAN
 HORIZ. 1"=40'

CURVE DATA				
	Δ	R	L	T
A	8° 28' 53"	2970.0	330.00	125.06
	4° 18' 4"		239.98	



- CONSTRUCTION NOTES:**
- 1. CONSTRUCT 12" V.C.P. SEWER MAIN
 - 2. CONSTRUCT 10" V.C.P. SEWER MAIN
 - 3. CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500
 - 4. CONCRETE ENCASUREMENT, PER CITY OF RIVERSIDE S.P.D. CHD. 021, 022, & 023.

EASTERN MUNICIPAL WATER DISTRICT

REVIEWED BY: *je Van Sickle* DATE: 11/27/85

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A.C.S.D.H. R/W FENCE. ELEVATION = 1612.241

Greiner
 Greiner Engineering of California
 6228 Canyon Crest Drive
 Bldg. 200, Suite 253
 Riverside, California 92507
 (714) 951-8928
 (714) 788-7746
 A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF:
Dean L. Jones
 R.C.E. NO. 30534 DATE 9-25-85

MARK	REVISIONS	APPR. DATE

DESIGNED BY: H.P. DRAWN BY: M.W. CHECKED BY: M.W.

**CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT**

APPROVED BY: *[Signature]* DATE: 2-5-86
 PRINCIPAL ENGINEER
 PARK DEPARTMENT

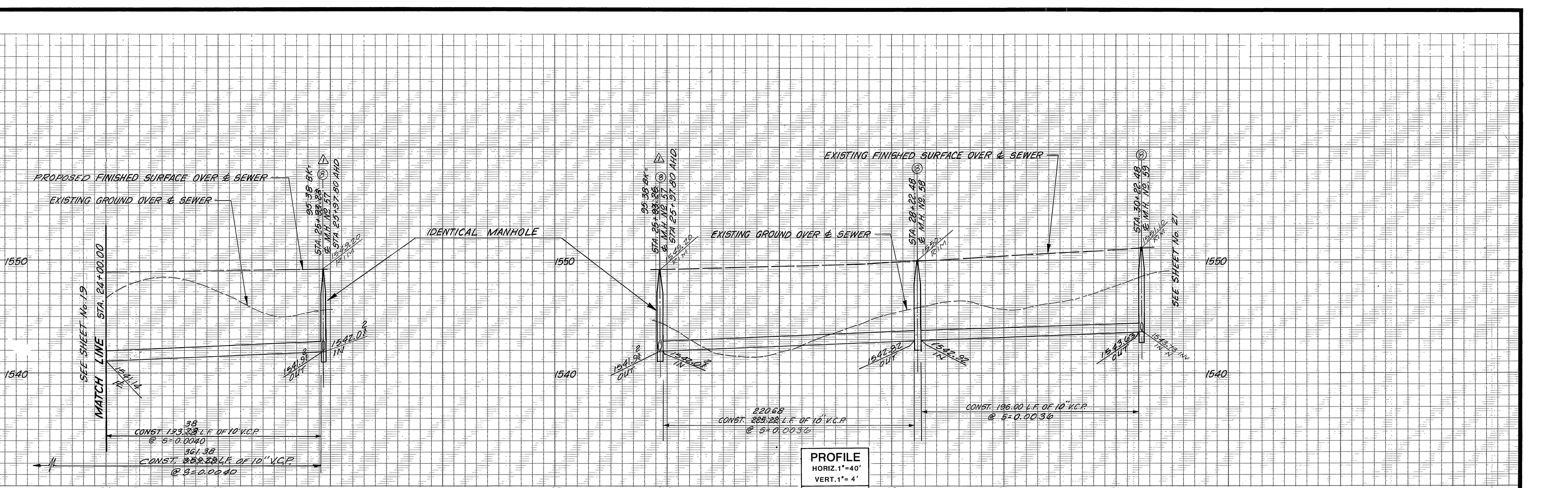
APPROVED BY: *[Signature]* DATE: 2-5-86
 DIRECTOR OF PUBLIC WORKS

SEWER PLAN & PROFILE

CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 EASEMENT WESTSIDE PCLS 4-9
 STA. 12+00.00 TO STA. 24+00.00

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

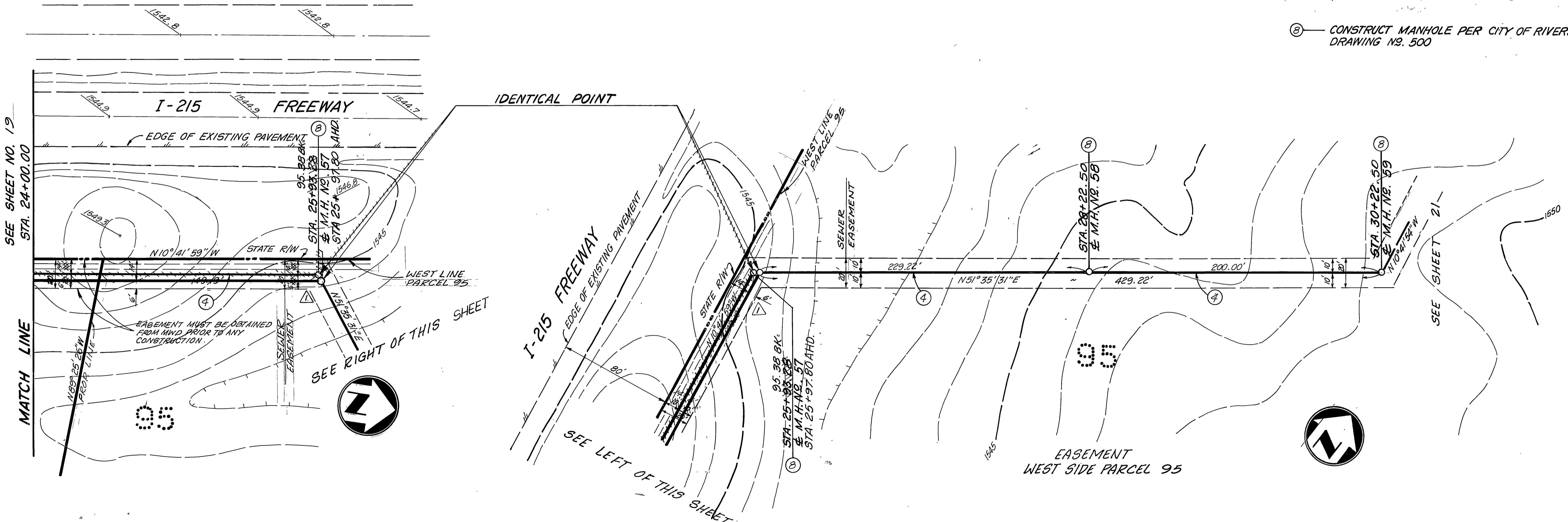
ACCOUNT NO. 5-1409
 DRAWING NUMBER
 SHEET 19 OF 24



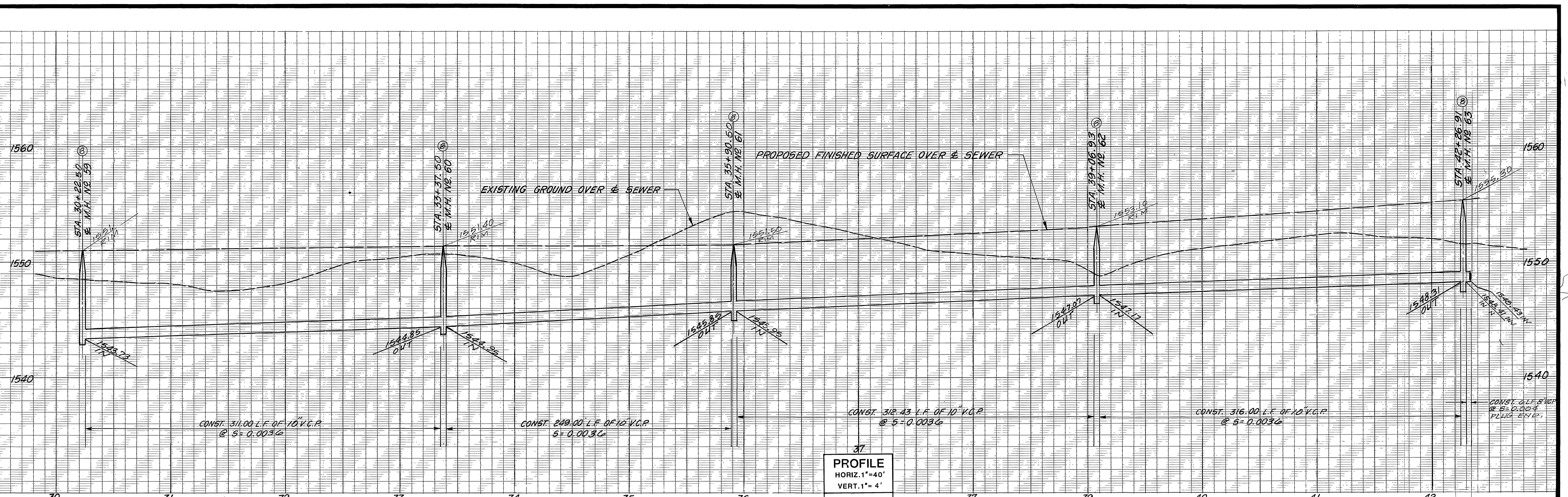
PROFILE
 HORIZ. 1"=40'
 VERT. 1"= 4'

PLAN
 HORIZ. 1"=40'

- CONSTRUCTION NOTES:**
- ① — CONSTRUCT 10" V.C.P. SEWER MAIN
 - ② — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500

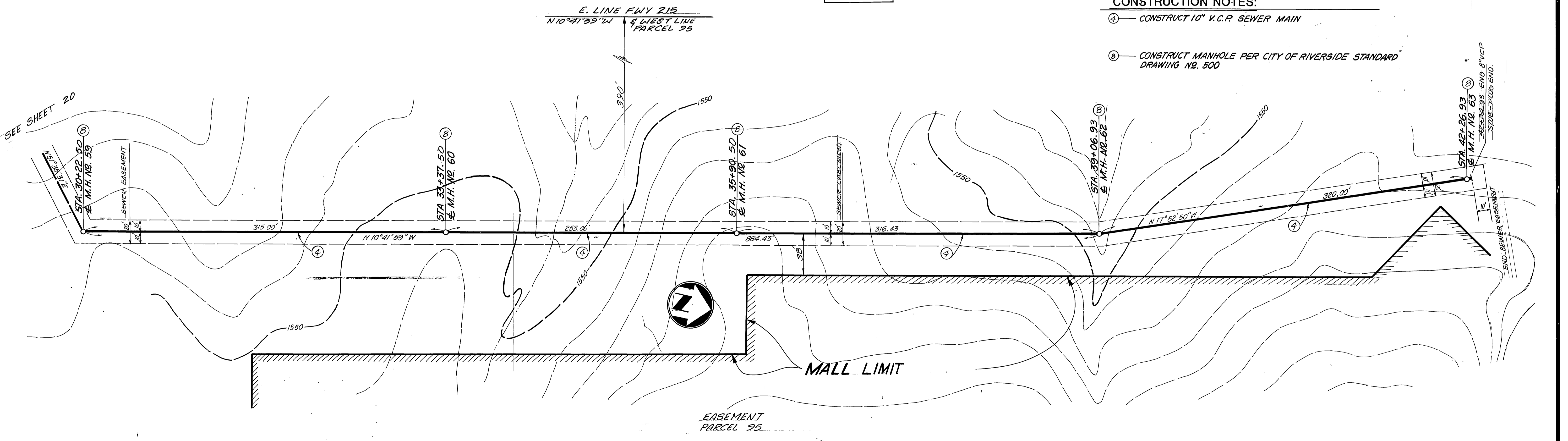


BENCHMARK: RIV. CO: B.M. BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241				Greiner Engineering of California 5225 Canyon Crest Drive Bldg. 200, Suite 253 Riverside, California 92507 (714) 351-8329 (714) 788-7746 A Greiner Engineering, Inc. Company		CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		CANYON SPRINGS ASSESSMENT DISTRICT PARCEL MAP NO. 19617 CONSTRUCTION PHASE II, STAGE I EASEMENT WESTSIDE PARCEL 95 STA. 24+00.00 TO STA. 30+22.48		ACCOUNT NO. S-1409 SHEET 20 OF 24	
PLANS PREPARED UNDER THE DIRECTION OF: 		R.C.E. NO. 30534 DATE 9-25-85		APPROVED BY: DIRECTOR OF PUBLIC WORKS		APPROVED BY: DIRECTOR OF PUBLIC WORKS		DATE 2-5-86		SCALE: HORIZ. 1"=40', VERT. 1"= 4'	



37
PROFILE
 HORIZ. 1"=40'
 VERT. 1"= 4'
PLAN
 HORIZ. 1"=40'

CONSTRUCTION NOTES:
 ① — CONSTRUCT 10" V.C.P. SEWER MAIN
 ② — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500



SEE SHEET 20

SEWER PLAN & PROFILE INDEXED BY CD.

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16' HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

Greiner
 Greiner Engineering of California
 6225 Canyon Crest Drive
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 (714) 788-7748
 A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF:
[Signature]
 R.C.E. NO. 38534 DATE 9-26-85

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: *[Signature]* DRAWN BY: *[Signature]* CHECKED BY: *[Signature]*

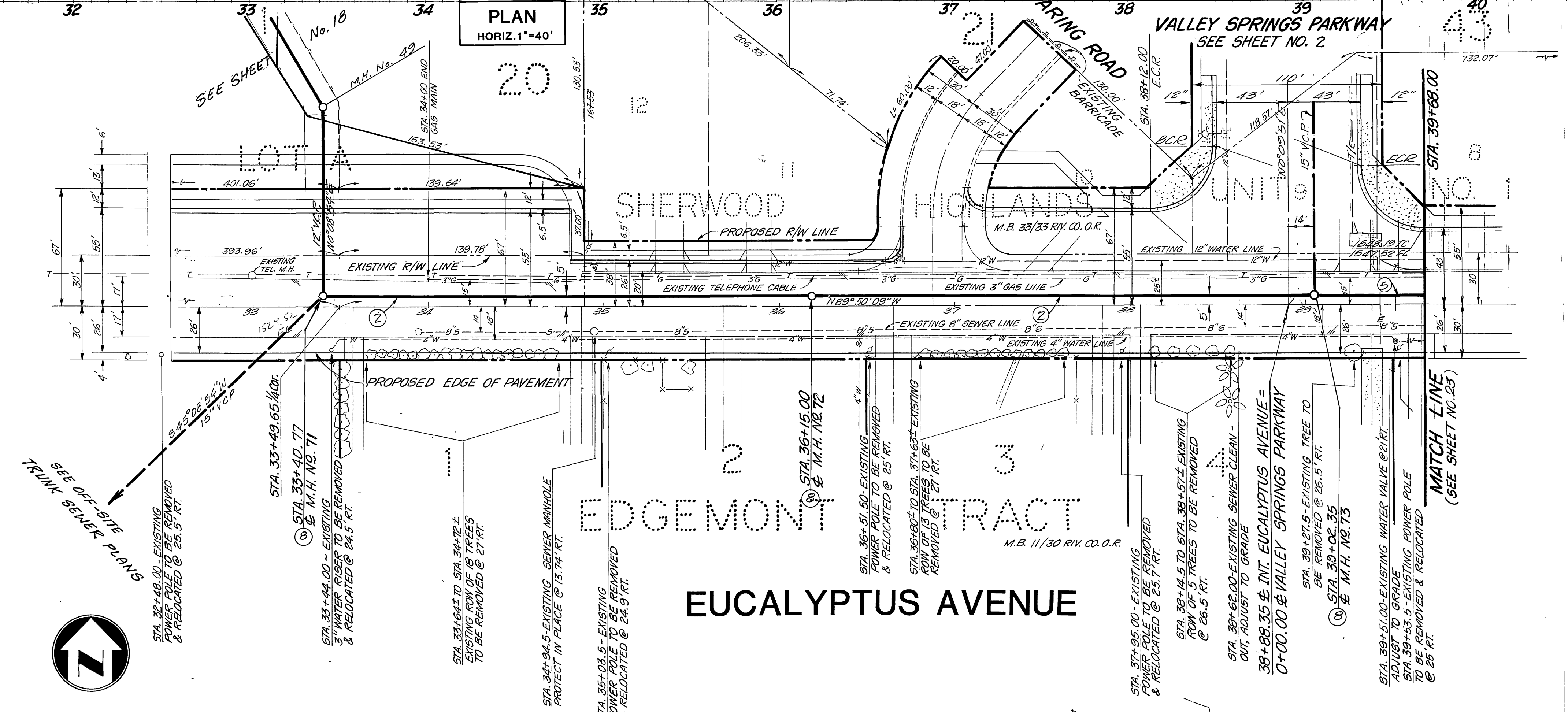
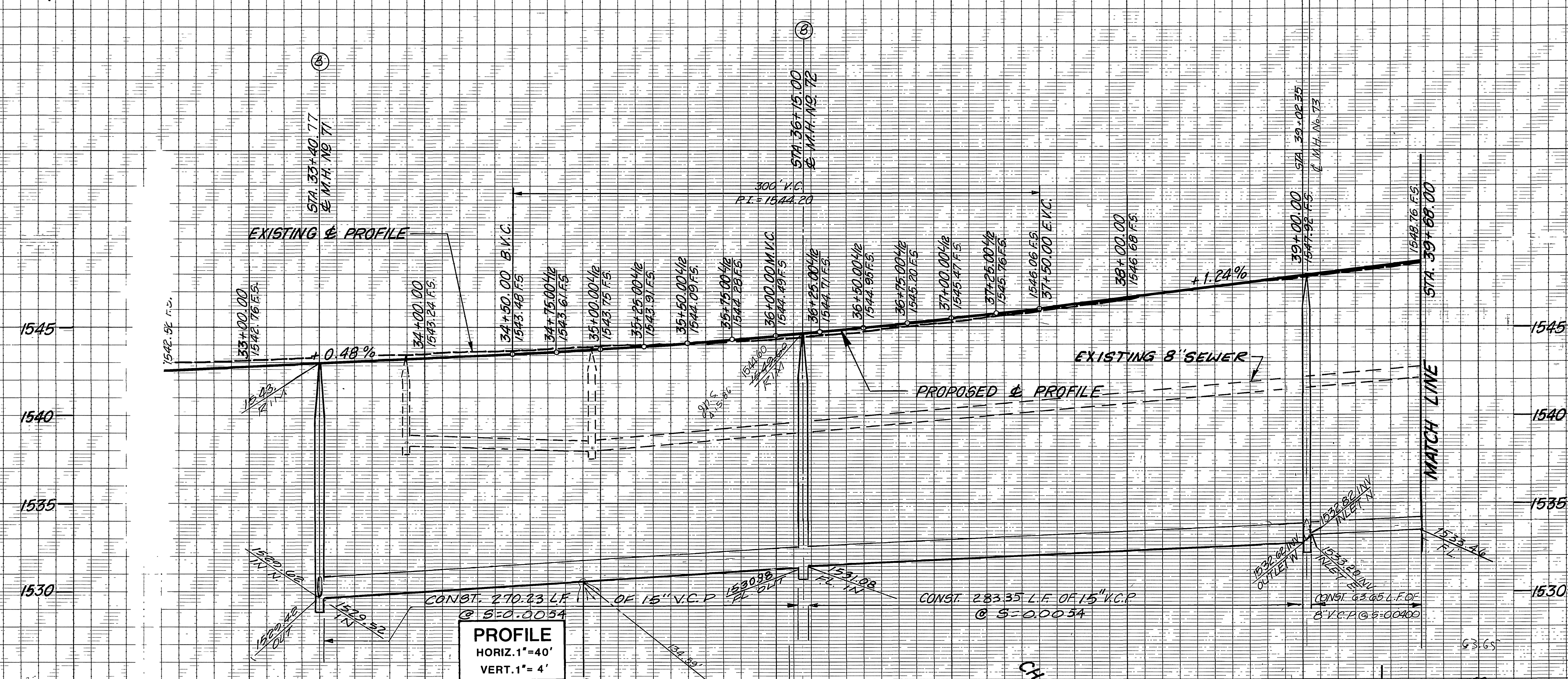
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* DATE: 2.9.86
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUBL. WORKS ENGR.

CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 EASEMENT WESTSIDE PARCEL 95
 STA. 30+22.50 TO STA. 42+26.93

ACCOUNT NO.
DRAWING NUMBER
 S-1409
SHEET 21 OF 24

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



- CONSTRUCTION NOTES:**
- ② — CONSTRUCT 15" V.C.P. SEWER MAIN
 - ③ — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500
 - ④ — CONSTRUCT 8" V.C.P. SEWER MAIN

EASTERN MUNICIPAL WATER DISTRICT
Joe Van Sickle 11/27/85
 REVIEWED BY: DATE

GENERAL TELEPHONE COMPANY
Lois Hillman 11-27-85
 REVIEWED & APPROVED BY: DATE

SOUTHERN CALIFORNIA GAS CO.
E. P. Huber 10-25-85
 REVIEWED & APPROVED BY: DATE

BENCHMARK: RIV. CO: B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53" WEST OF DAY ST. & 23" S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

Greiner
 Greiner Engineering of California
 5225 Canyon Crest Drive
 8149 200, Suite 253
 Riverside, California 92507
 (714) 351-8328
 (714) 789-7746
 A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF:
Benji Z... R.C.E. NO. 30534 DATE 9-25-85

CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT
James P. ... 12/23/85
 REVIEWED AND APPROVED BY: DATE

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT

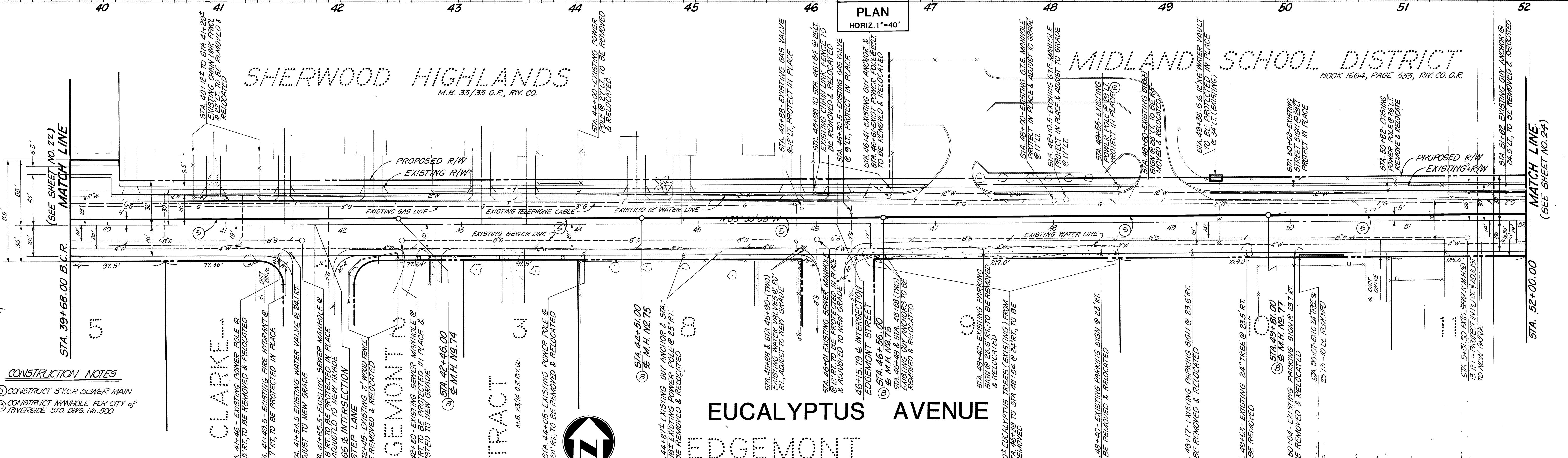
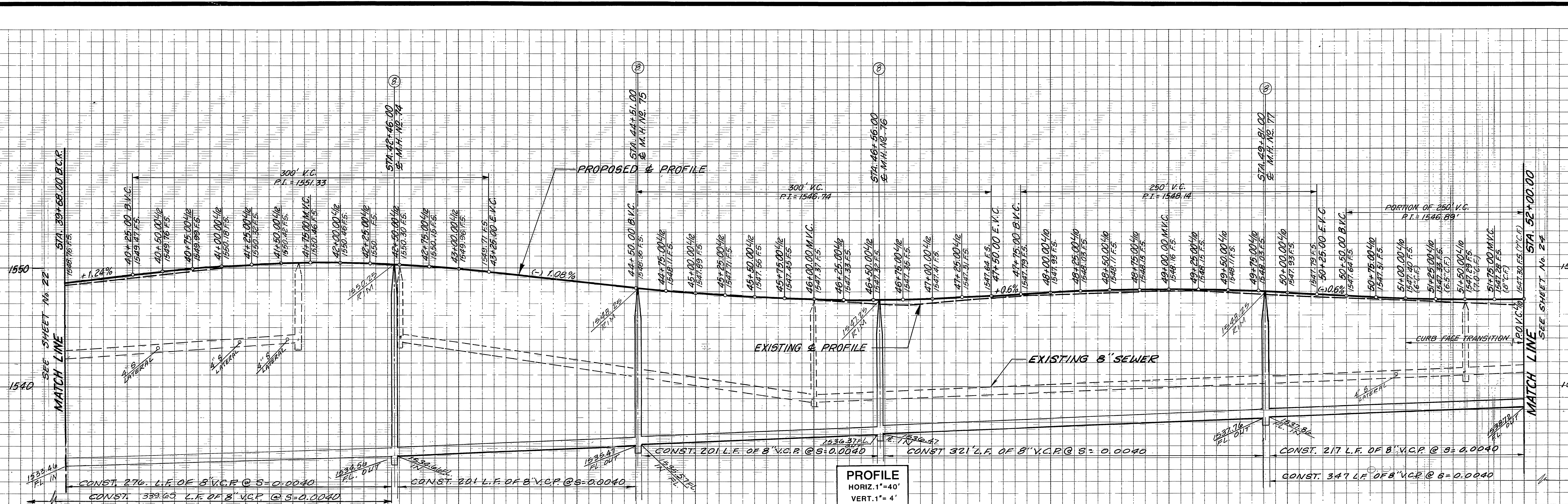
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	<i>[Signature]</i>	12/23/85	<i>[Signature]</i>
PARK DEPARTMENT			DIRECTOR OF PUBLIC WORKS
TRAFFIC DIVISION			
CHIEF PUB. WKS. ENGR.			

DATE 2-5-86

CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 EUCALYPTUS AVENUE
 STA. 32+50.00 TO STA. 39+68.00

ACCOUNT No. S-7409
 DRAWING NUMBER
 SHEET 22 OF 24

INDEXED BY
 SCALE: HORIZ. 1"=40', VERT. 1"=4'



EASTERN MUNICIPAL WATER DISTRICT
 REVIEWED BY: *Joe Van Helle* DATE: 11/27/85

GENERAL TELEPHONE COMPANY
 REVIEWED BY: *Lois Sullivan* DATE: 11-27-85

SOUTHERN CALIFORNIA GAS CO.
 REVIEWED BY: *E. A. Miller* DATE: 10-25-85

BENCH MARK: RIV. CO. B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE ELEVATION = 1612.241

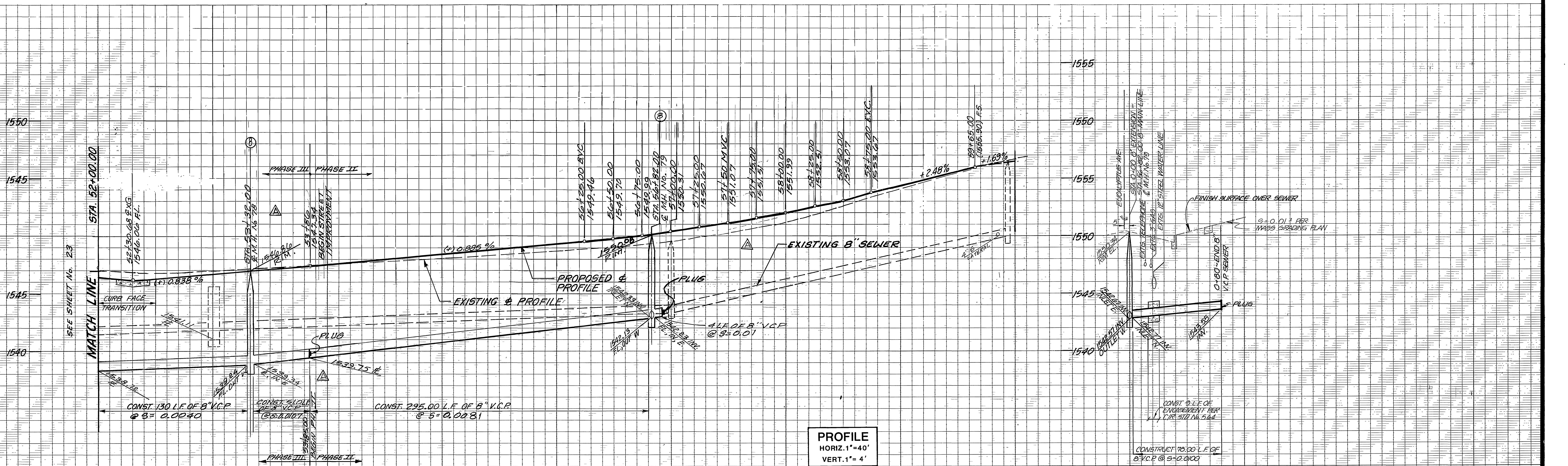
Greiner Engineering of California
 5225 Canyon Crest Drive
 899 200, Suite 253
 Riverside, California 92507
 (714) 351-8328
 (714) 798-7746
 A Greiner Engineering, Inc. Company

CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT
 REVIEWED AND APPROVED BY: *James P. Belmonte* DATE: 12/23/85

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: *W. J. ...* DATE: 11/23/85
 BY: *...* DATE: 11/23/85
 CHIEF PUBLIC WORKS ENGR.

SEWER PLAN & PROFILE
 CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 EUCALPTUS AVENUE
 STA. 39+68.00 TO STA. 52+00.00
 SCALE: HORIZ. 1"=40', VERT. 1"=4'

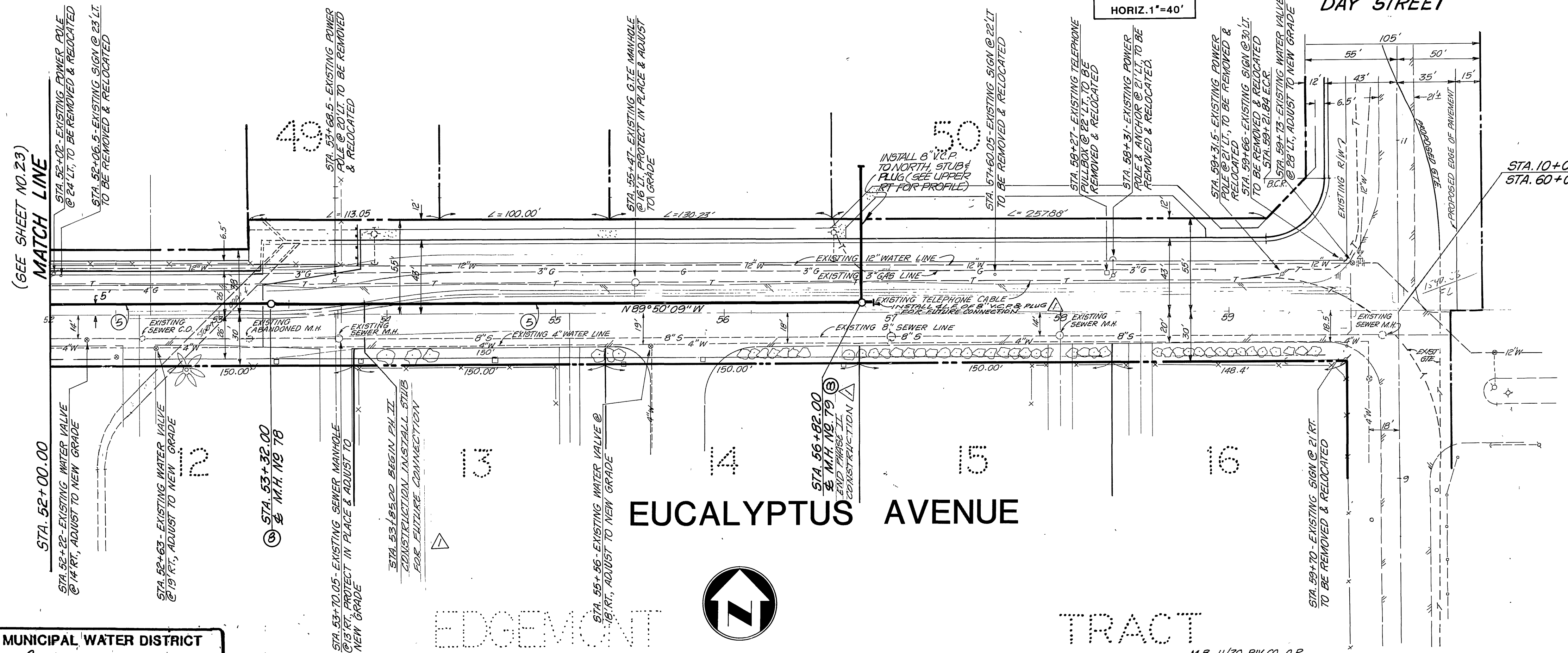
ACCOUNT NO. S-1409
DRAWING NUMBER SHEET 23 OF 24



PROFILE
 HORIZ. 1"=40'
 VERT. 1"=4'

PLAN
 HORIZ. 1"=40'

- CONSTRUCTION NOTES:**
- ① — CONSTRUCT 8" V.C.P. SEWER MAIN
 - ② — CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STANDARD DRAWING NO. 500



EASTERN MUNICIPAL WATER DISTRICT
 REVIEWED BY: *Joe Van Dille* DATE: 11/27/85

GENERAL TELEPHONE COMPANY
 REVIEWED & APPROVED BY: *Lawrence Hillman* DATE: 11-27-85

SOUTHERN CALIFORNIA GAS CO.
 REVIEWED & APPROVED BY: *C. A. Walker* DATE: 10-25-85

BENCH MARK: RIV. CO. B.M.
 BRASS DISC MARKED M-64-69 IN THE CENTER OF A 8" x 16" HDWL @ THE S.W. CORNER OF HWY. 60 & DAY ST. 53' WEST OF DAY ST. & 23' S.E. OF N.E. CORNER OF A C.S.D.H. R/W FENCE. ELEVATION = 1612.241

Greiner
 Greiner Engineering of California
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 (714) 351-9328
 (714) 788-7746
 A Greiner Engineering, Inc. Company

PLANS PREPARED UNDER THE DIRECTION OF:
Benjamin J. Greiner
 R.C.E. NO. 30534 DATE 9-25-85

CITY OF MORENO VALLEY PUBLIC WORKS DEPARTMENT
 REVIEWED & APPROVED BY: *James F. Vallungate* DATE: 12/23/85

DESIGNED BY: <i>H.A.</i>	DRAWN BY: <i>W.D.</i>	CHECKED BY: <i>W.D.</i>
REVISIONS:	APPR. DATE:	

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: *W.S. Williams* DATE: 12/23/85
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUB. WKS. ENGR.

SEWER PLAN & PROFILE
 CANYON SPRINGS ASSESSMENT DISTRICT
 PARCEL MAP NO. 19617
 CONSTRUCTION PHASE II, STAGE I
 EUCALYPTUS AVENUE
 STA. 52+00.00 TO STA. 60+00.00
 SCALE: HORIZ. 1"=40', VERT. 1"=4'

ACCOUNT NO. _____
 DRAWING NUMBER
 S-7409
 SHEET 24 OF 24