

INDEX MAP
SCALE 1" = 200'

NOTE: MANHOLE NO. 31 IS DELETED FROM THESE PLANS

GENERAL NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1976 EDITION, AND THE CITY OF RIVERSIDE STANDARD DRAWINGS.
2. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND /OR EXISTING FACILITIES.
3. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
4. ALL STUBS AND LATERALS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWING NO. 562. STUBS SHALL BE PLUGGED AND CAPPED.
5. MANHOLE FRAMES AND COVERS TO BE SET AS NOTED IN PROFILE BY SEWER CONTRACTOR AFTER FINAL PAVING OF STREETS.
6. LATERALS ARE TO BE 4" AND EXTENDED TO PROPERTY LINE.
7. A PLUG SHALL BE INSTALLED AND REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
8. ALL MANHOLES TO BE CONSTRUCTED PER RIVERSIDE CITY STD. 500.
9. ALL CLEAROUTS TO BE INSTALLED PER RIVERSIDE CITY STD. 560.
10. ALL LATERALS TO BE INSTALLED PER RIVERSIDE CITY STD. 562.
11. 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.
12. ENCASE SEWER MAIN 4.5' EACH SIDE OF WATER MAIN CROSSING WITH TYPE "C" CONCRETE ENCASEMENT AS PER PUBLIC UTILITY DRAWING C.W.D.-023.

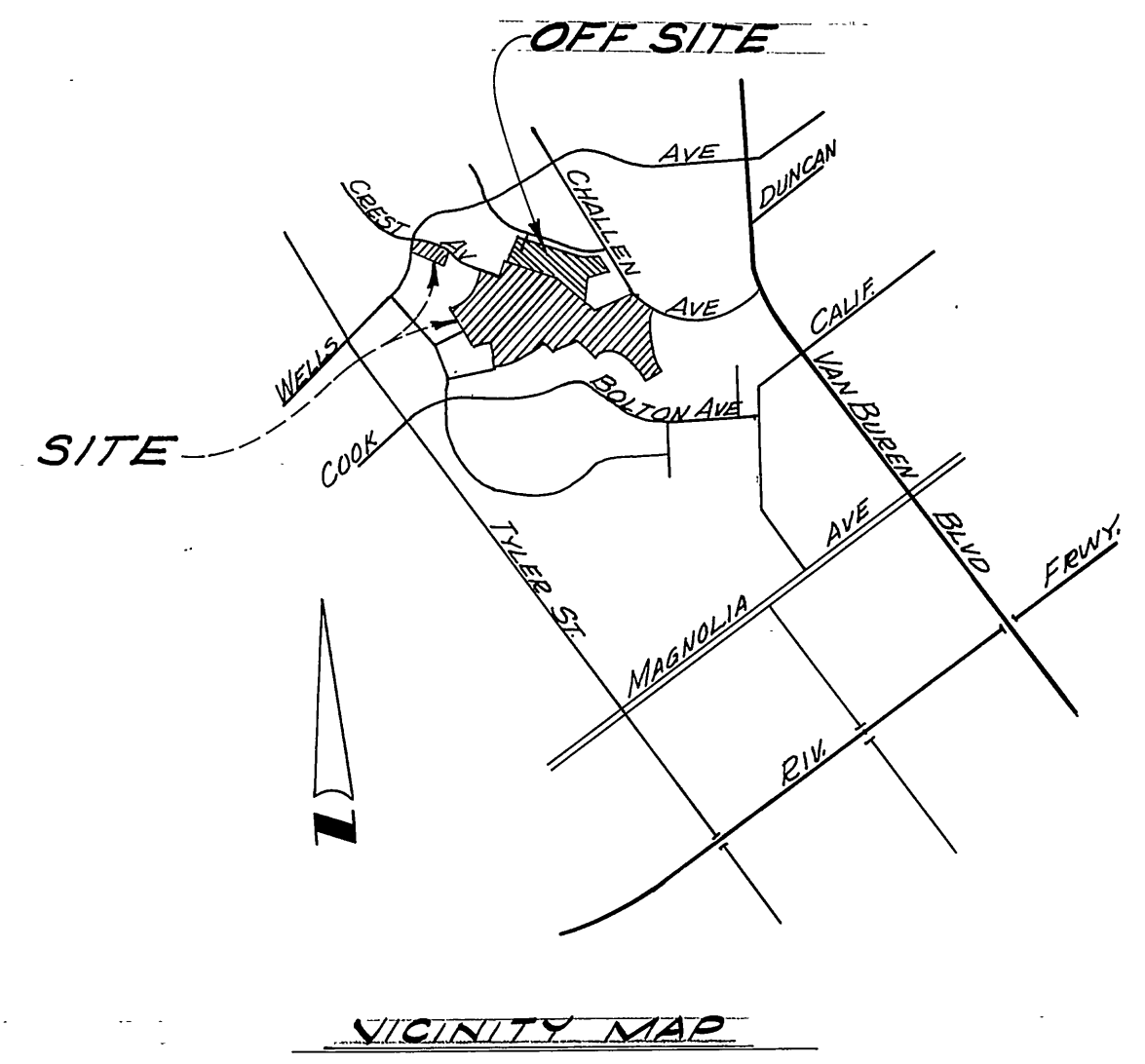
NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES 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.

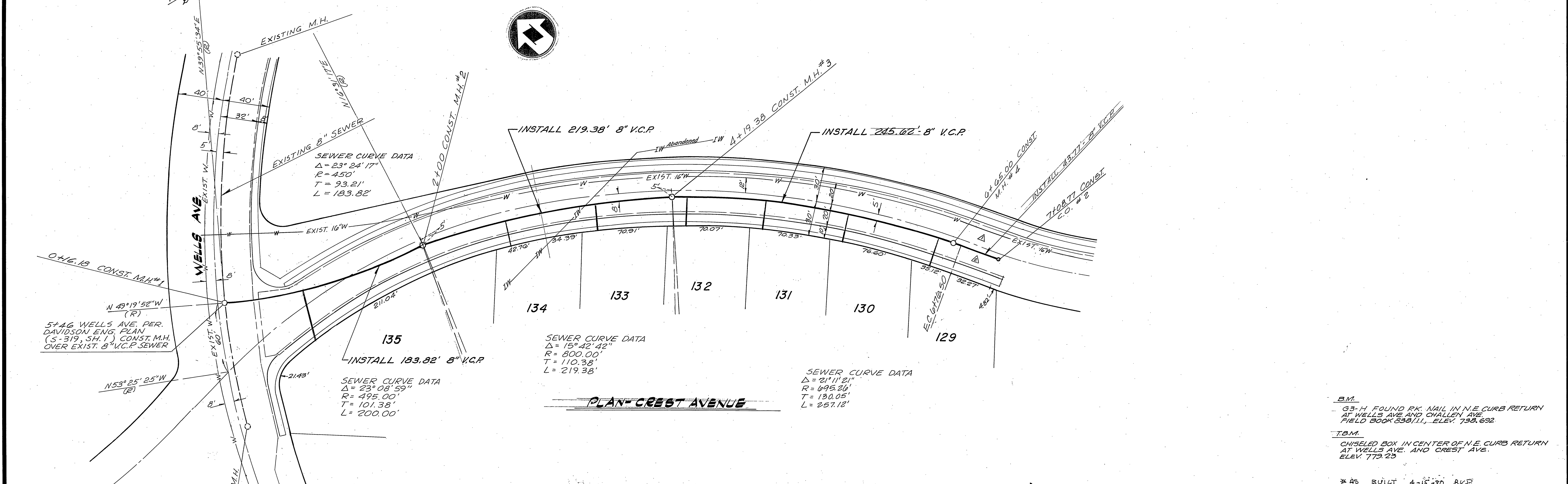
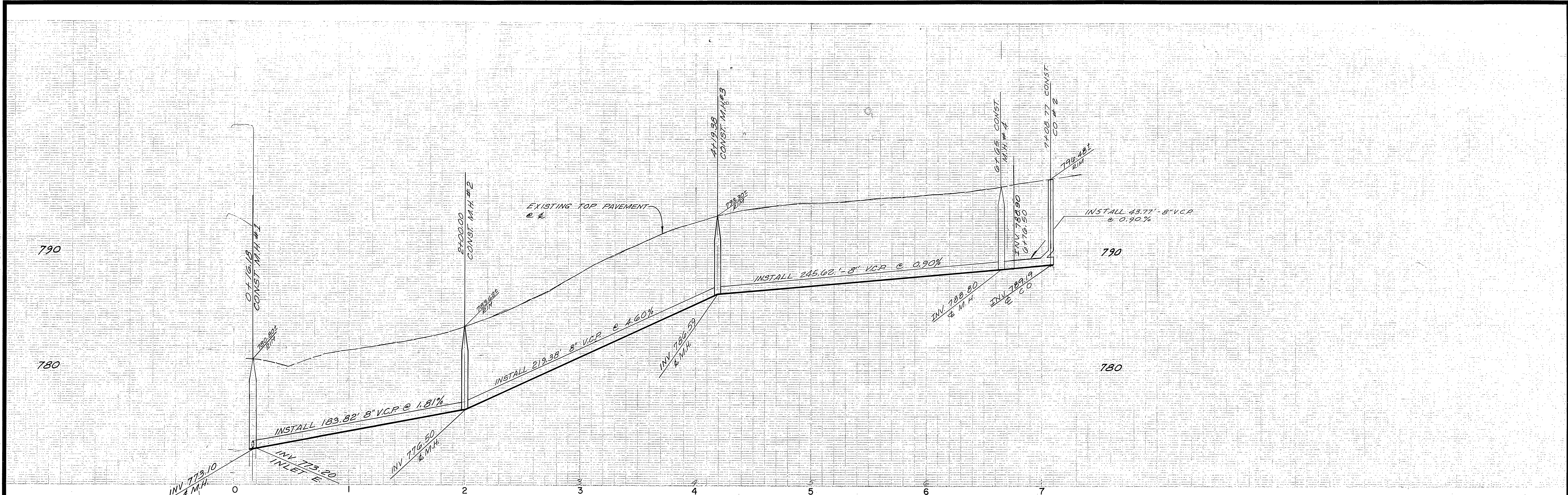
ENGINEER'S NOTE

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 as a result of errors or omissions, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.



VICINITY MAP

<p>CITY OF RIVERSIDE DOMESTIC SYSTEM</p>	<p>NESTE, BRUDIN & STONE INCORPORATED / Civil Engineers SAN BERNARDINO HEMET SAN DIEGO</p>	<p>CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT</p>	<p>SEWER PLAN AND PROFILE TRACT NO. 7925 INDEX MAP</p>																				
<p>BY <i>Wesley Stolt</i> (1977) CHIEF UTILITIES ENG. WATER-DATE</p>	<p>APPROVED BY <i>Wesley Stolt</i> 10451 R.C.E. No DATE FEB 11, 1977</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>APPROVED BY</td> <td>BY</td> <td>DATE</td> <td>APPROVED BY</td> </tr> <tr> <td>PRINCIPAL ENGINEER</td> <td><i>Wesley Stolt</i></td> <td>1/17</td> <td><i>Wesley Stolt</i></td> </tr> <tr> <td>PARK DEPARTMENT</td> <td></td> <td></td> <td>DIRECTOR OF PUBLIC WORKS.</td> </tr> <tr> <td>TRAFFIC DIVISION</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CHIEF PUB. WKS. ENGR.</td> <td></td> <td>12.8</td> <td></td> </tr> </table>	APPROVED BY	BY	DATE	APPROVED BY	PRINCIPAL ENGINEER	<i>Wesley Stolt</i>	1/17	<i>Wesley Stolt</i>	PARK DEPARTMENT			DIRECTOR OF PUBLIC WORKS.	TRAFFIC DIVISION				CHIEF PUB. WKS. ENGR.		12.8		<p>ACCOUNT No. DRAWING NUMBER</p> <p style="text-align: center;">S-1152</p> <p>SHEET 1 OF 12</p>
APPROVED BY	BY	DATE	APPROVED BY																				
PRINCIPAL ENGINEER	<i>Wesley Stolt</i>	1/17	<i>Wesley Stolt</i>																				
PARK DEPARTMENT			DIRECTOR OF PUBLIC WORKS.																				
TRAFFIC DIVISION																							
CHIEF PUB. WKS. ENGR.		12.8																					
		<p>SCALE: HORIZ. 1"=200', VERT. 1"=10'</p>																					

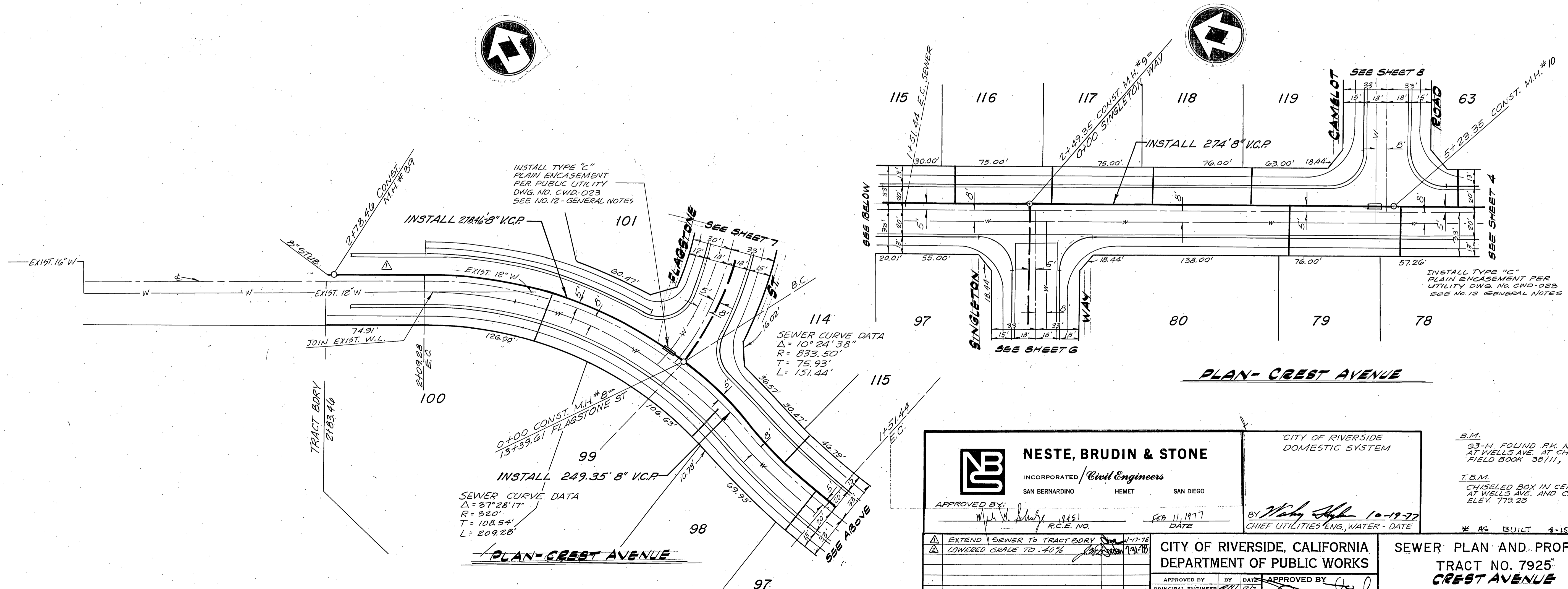
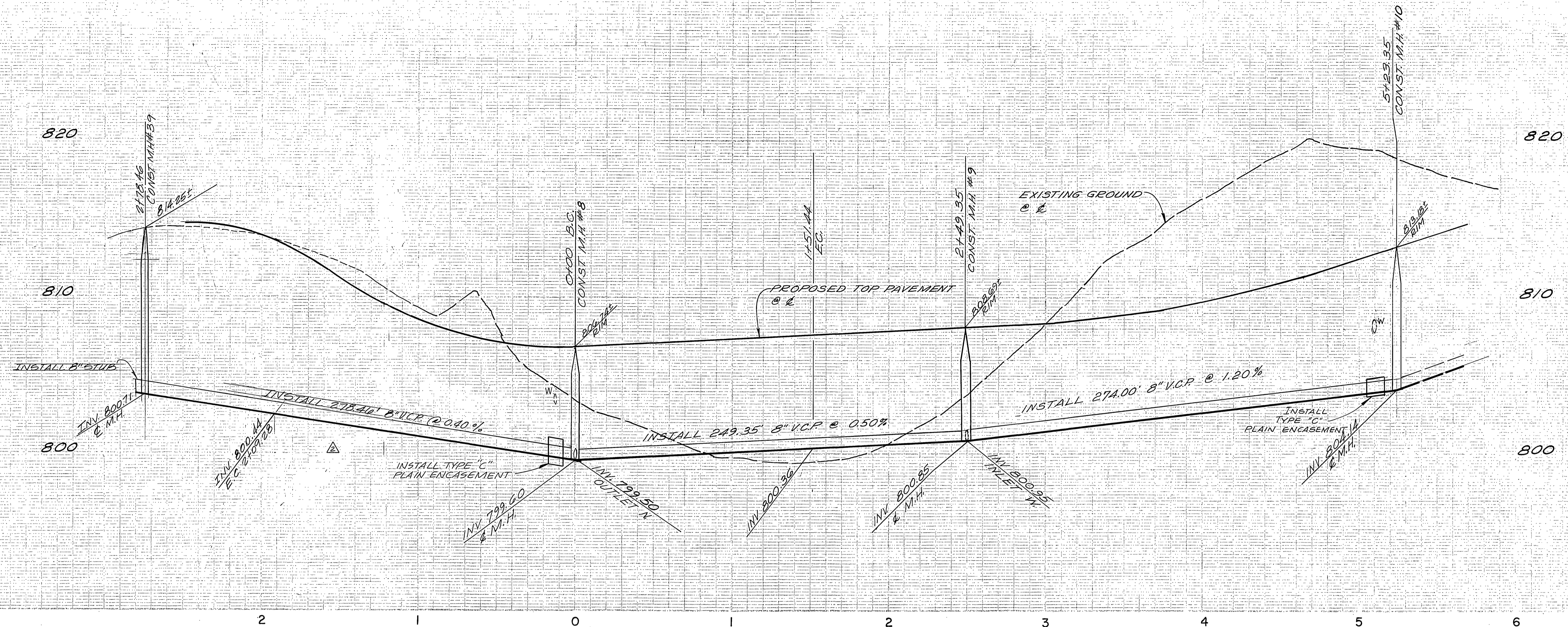


B.M.
 63-H FOUND P.K. NAIL IN N.E. CURB RETURN AT WELLS AVE AND CHALLENGE AVE. FIELD BOOK 338.11, ELEV. 734.692

T.B.M.
 CHISELED BOX IN CENTER OF N.E. CURB RETURN AT WELLS AVE. AND CREST AVE. ELEV. 779.23

* AS BUILT 4-15-70 B.K.P.

CITY OF RIVERSIDE DOMESTIC SYSTEM BY <i>Wally</i> 10-19-71 CHIEF UTILITIES ENG. WATER - DATE	NESTE, BRUDIN & STONE INCORPORATED / Civil Engineers SAN BERNARDINO HEMET SAN DIEGO	1-11-70 6-10-70 1-11-70 6-10-70	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		PROJECT NO. 5-1152
			APPROVED BY PRINCIPAL ENGINEER <i>[Signature]</i> DATE 12-8-71 PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGR. <i>[Signature]</i> DATE 12-8-71		SEWER PLAN AND PROFILE TRACT NO. 7925 CREST AVENUE SHEET 2 OF 12
DESIGNED BY <i>[Signature]</i> DRAWN BY <i>[Signature]</i> CHECKED BY <i>[Signature]</i>			HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'		FILE NO.



NESTE, BRUDIN & STONE
INCORPORATED / Civil Engineers
SAN BERNARDINO HEMET SAN DIEGO

APPROVED BY: *[Signature]* R.C.E. NO. 9451 DATE Feb 11, 1977

CITY OF RIVERSIDE
DOMESTIC SYSTEM

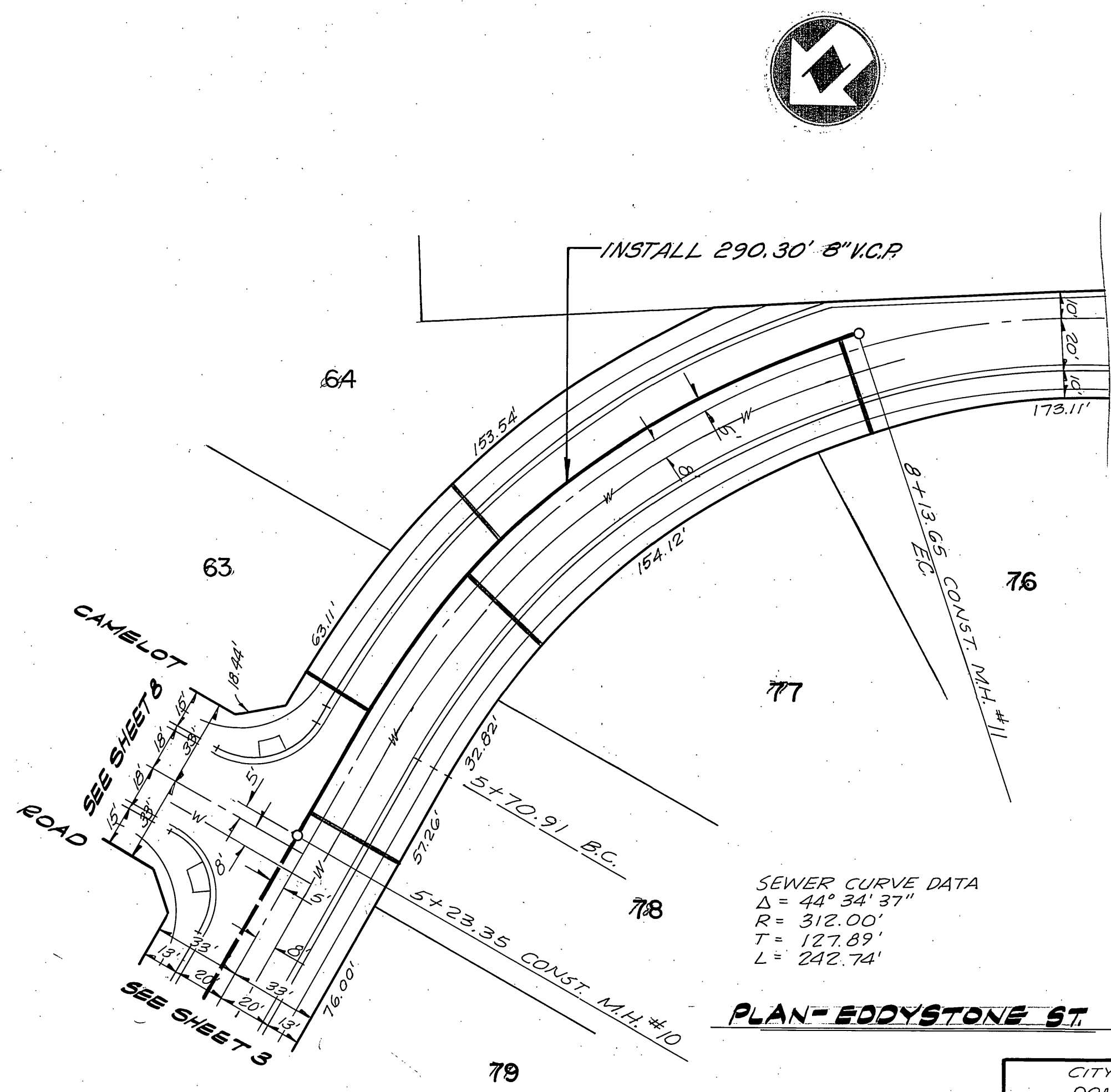
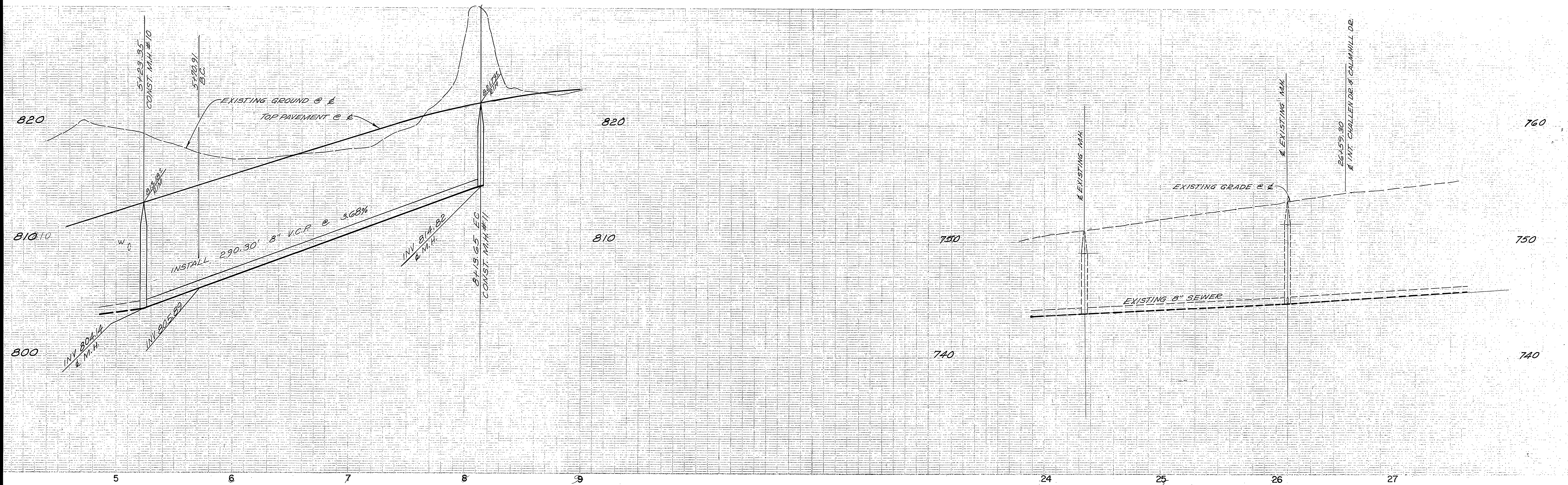
BY: *[Signature]* 10-12-77
CHIEF UTILITIES ENG. WATER - DATE

B.M.
63-H FOUND PK NAIL IN N.E. CURB RETURN
AT WELLS AVE. AT CHALLENGE AVE.
FIELD BOOK 39/11, ELEV. 738.692

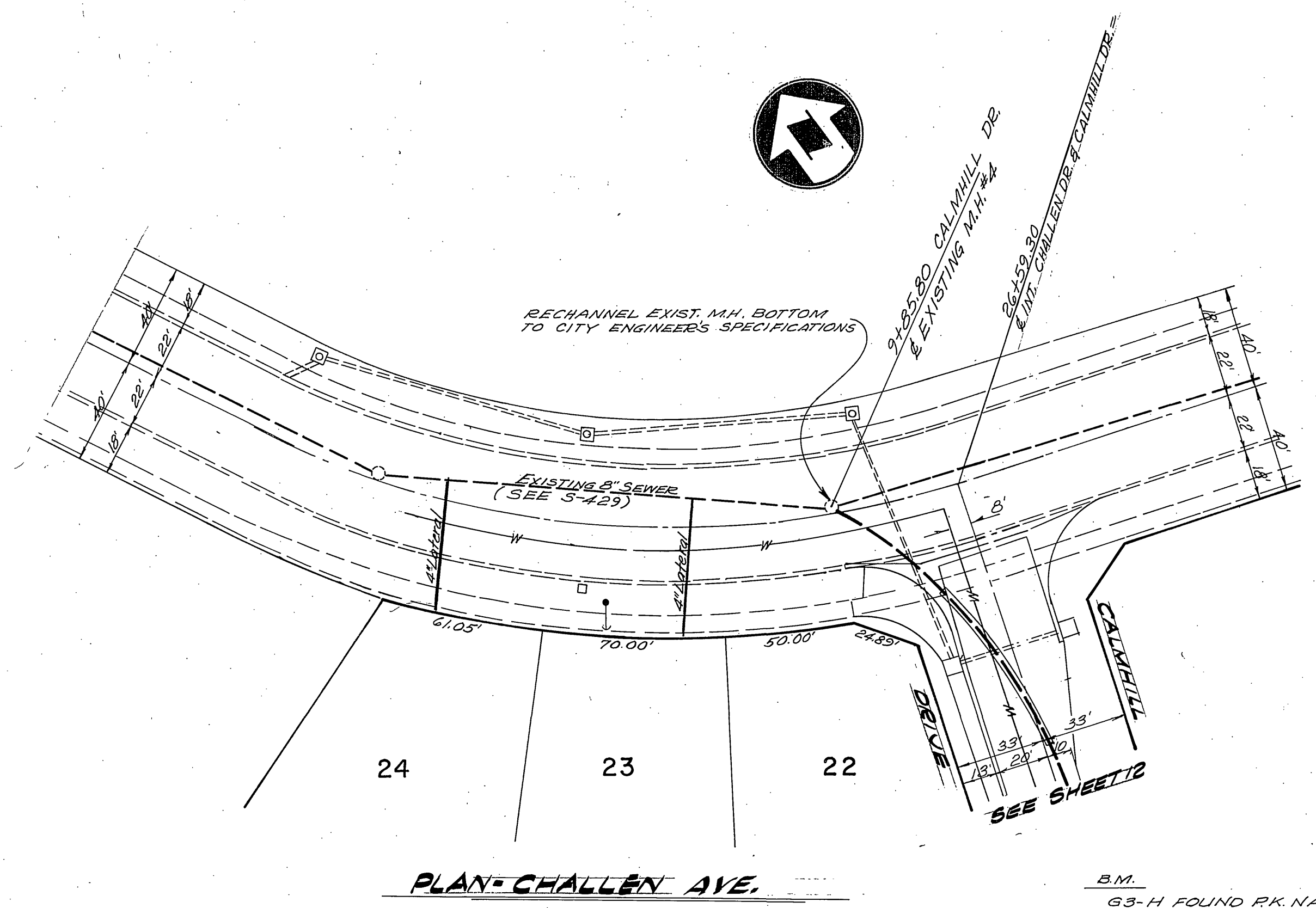
T.B.M.
CHISELED BOX IN CENTER OF N.E. CURB RETURN
AT WELLS AVE. AND CREST AVE.
ELEV. 779.25

* AS BUILT 4-15-30 B&P

EXTEND SEWER TO TRACT BDRY LOWERED GRADE TO .40% 1/17/76 1/17/76	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	SEWER PLAN AND PROFILE TRACT NO. 7925 CREST AVENUE	PROJECT NO. S-1152
APPROVED BY: _____ DATE: _____ PRINCIPAL ENGINEER: _____ PARK DEPARTMENT: _____ TRAFFIC DIVISION: _____ CHIEF P. W. ENGR. _____	APPROVED BY: <i>[Signature]</i> DATE: 10-12-77 DIRECTOR OF PUBLIC WORKS	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	SHEET 3 OF 12 FILE NO.

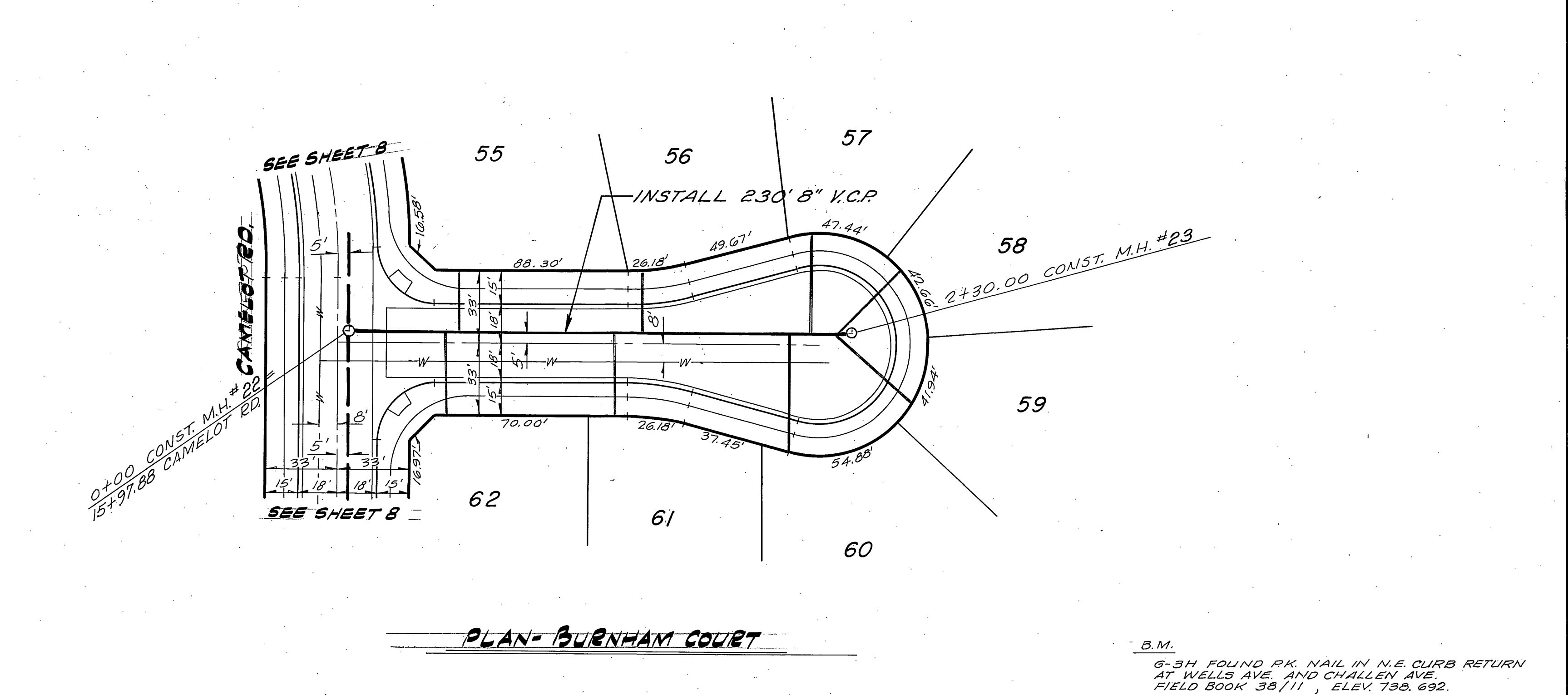
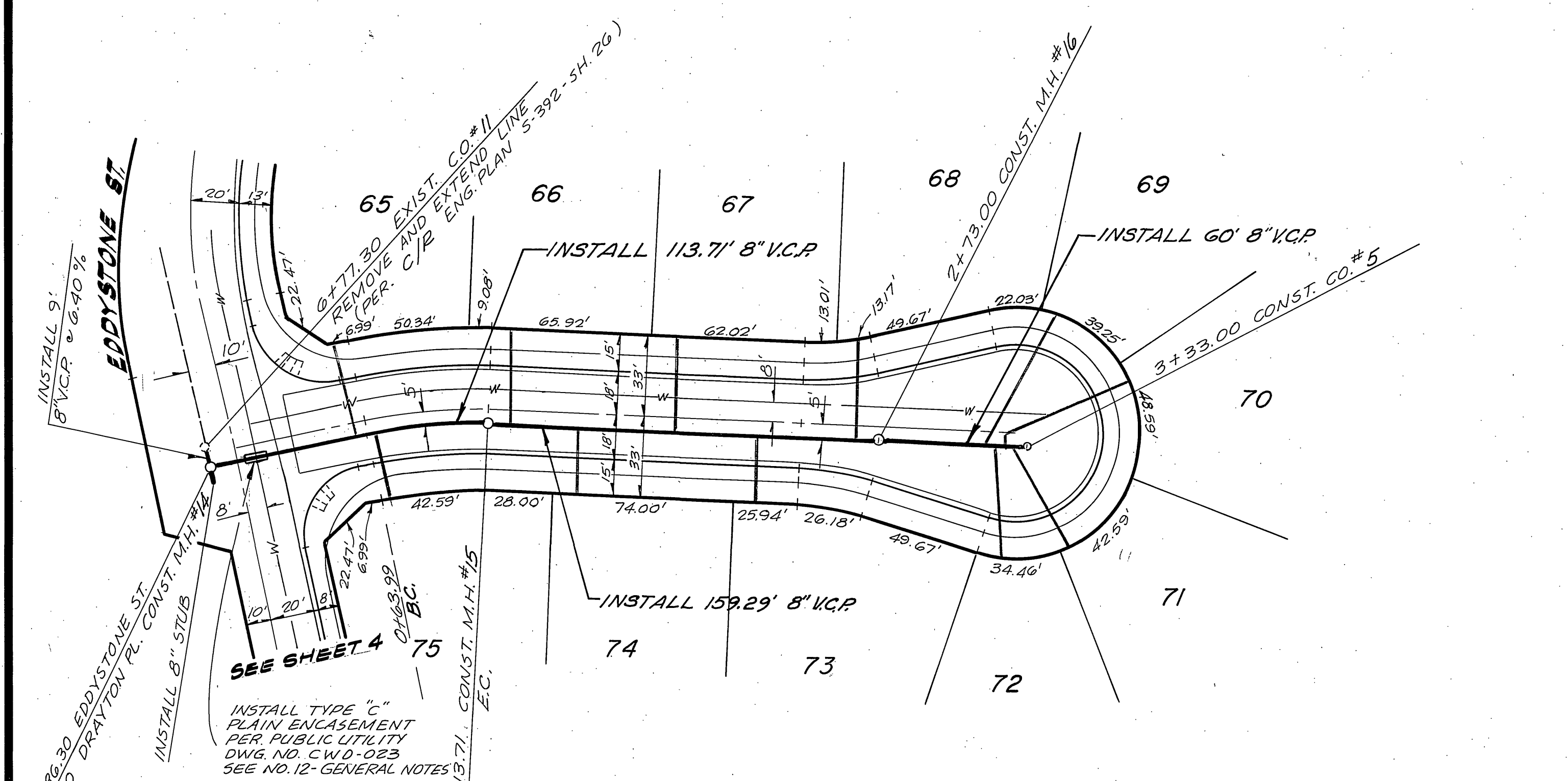
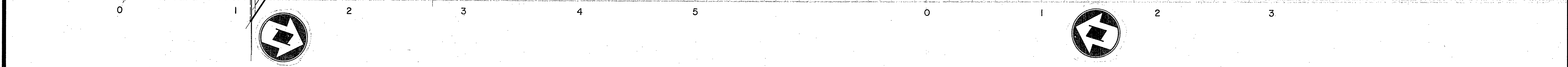
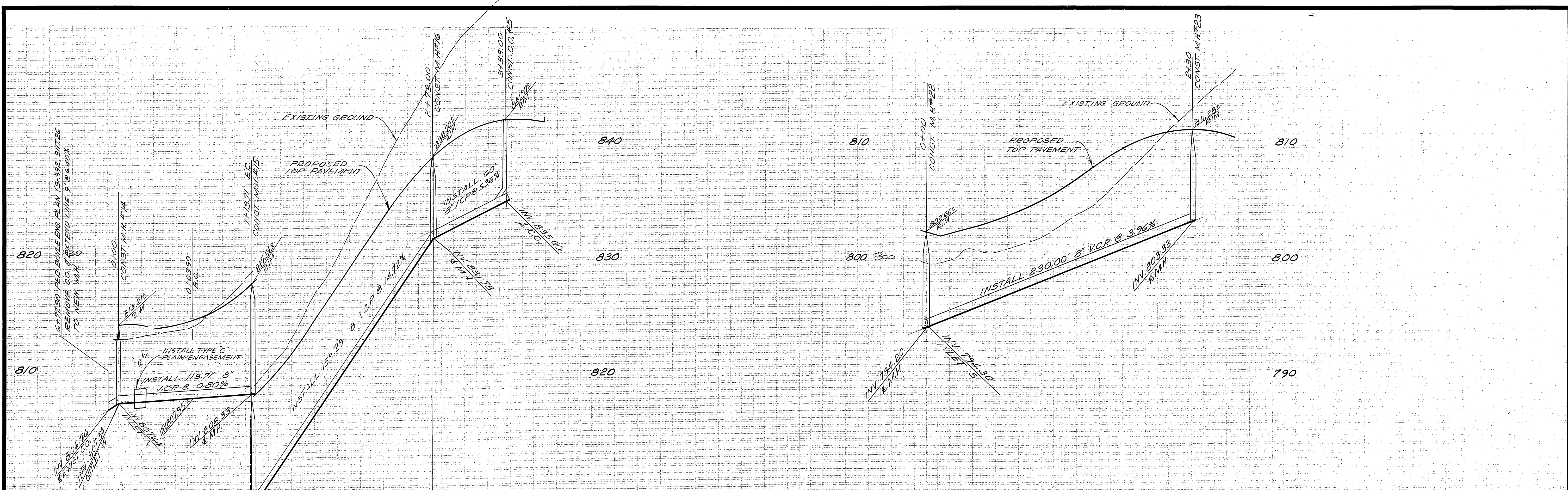


SEWER CURVE DATA
 $\Delta = 44^\circ 34' 37''$
 $R = 312.00'$
 $T = 127.89'$
 $L = 242.74'$



B.M.
 63-H FOUND R.K. NAIL IN N.E. CURB RETURN AT WELLS AVE. AND CHALLENGE AVE. FIELD BOOK 38/11, ELEV. 758.692
 T.B.M.
 CHISELED BOX IN CENTER OF N.E. CURB RETURN AT WELLS AVE. AND CREST AVE. ELEV. 779.23

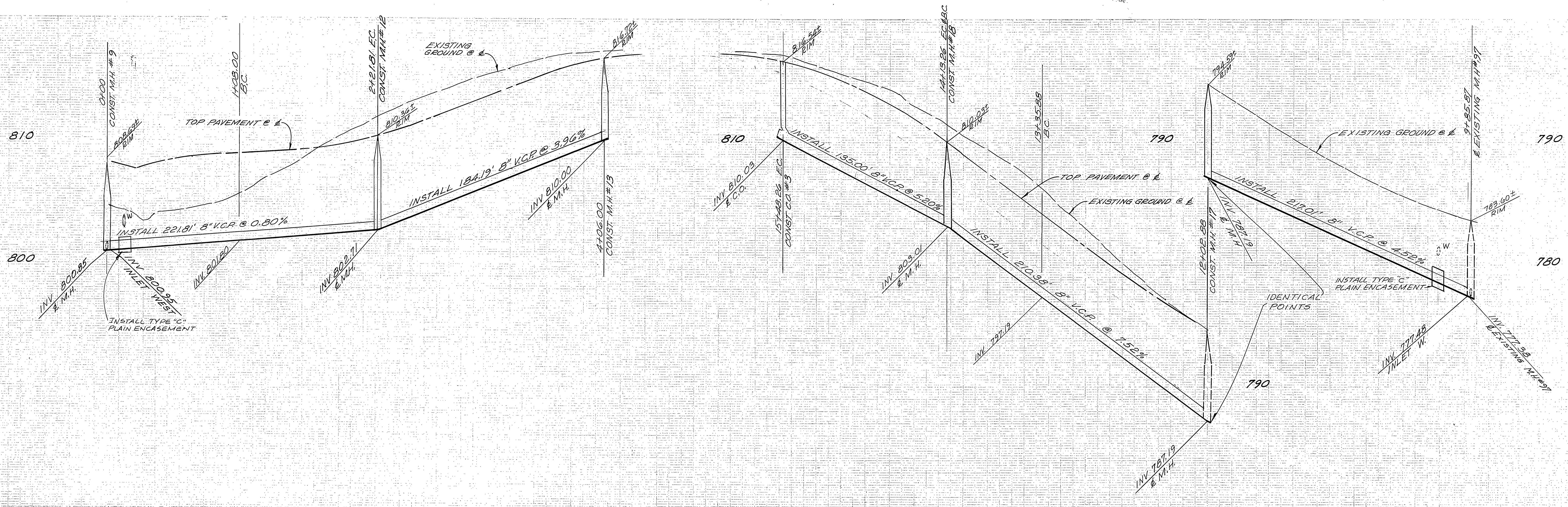
CITY OF RIVERSIDE DOMESTIC SYSTEM BY <i>Wally Jaffe</i> 10-19-77 CHIEF UTILITIES ENG. WATER-DATE	NESTE, BRUDIN & STONE INCORPORATED / Civil Engineers SAN BERNARDINO HEMET SAN DIEGO APPROVED BY <i>Wally Jaffe</i> 10-19-77 R.C.E. NO.	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGR.	SEWER PLAN AND PROFILE TRACT NO. 7925 EDDYSTONE ST. CHALLENGE AVE.	PROJECT NO.
				5-1152 SHEET 4 OF 12 FILE NO.
DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____		DATE 11-5-77	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	



SEWER CURVE DATA
 $\Delta = 14^{\circ}36'40''$
 $R = 795'$
 $T = 25.00'$
 $L = 49.72'$

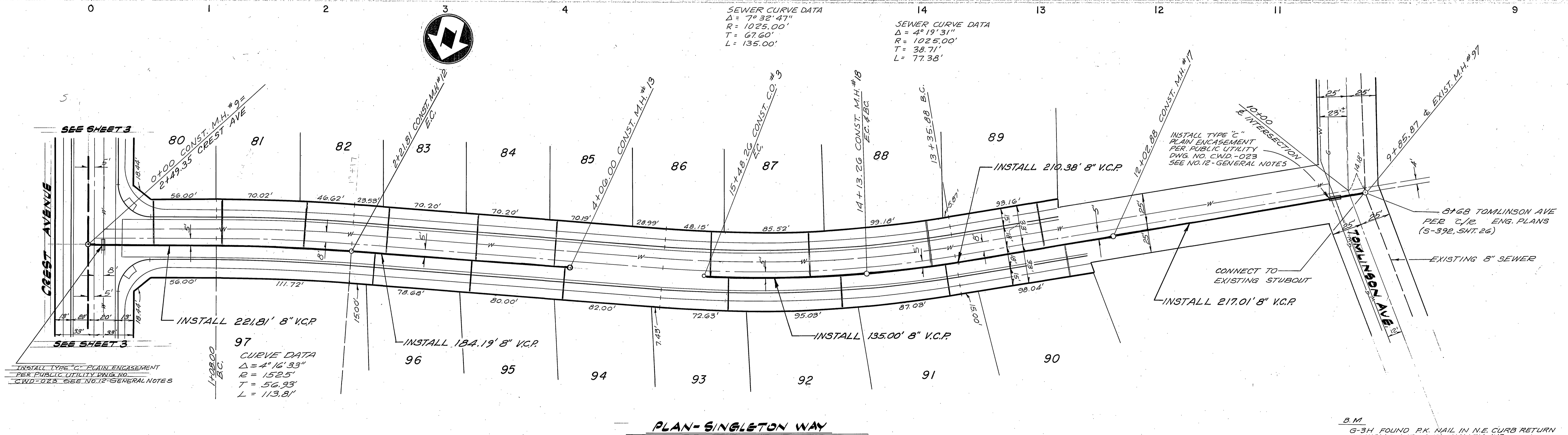
B.M.
 6-34 FOUND PK. NAIL IN N.E. CURB RETURN
 AT WELLS AVE. AND CHILLEN AVE.
 FIELD BOOK 38/11, ELEV. 730.692.
 T.S.M.
 CHISELED BOX IN CENTER OF N.E. CURB RETURN.
 AT WELLS AVE. AND CREST AVE.
 ELEV. 779.23

CITY OF RIVERSIDE DOMESTIC SYSTEM APPROVED BY CHIEF UTILITIES ENG. WATER - DATE 10-19-77	 NESTE, BRUDIN & STONE INCORPORATED / Civil Engineers SAN BERNARDINO HEMET SAN DIEGO	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY DIRECTOR OF PUBLIC WORKS DATE 1-8-77	PROJECT NO. S-1152
			SHEET 5 OF 12
DESIGNED BY SEC DRAWN BY 522 CHECKED BY		HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	FILE NO.



SEWER CURVE DATA
 $\Delta = 7^{\circ} 32' 47''$
 $R = 1025.00'$
 $T = 67.60'$
 $L = 135.00'$

SEWER CURVE DATA
 $\Delta = 4^{\circ} 19' 31''$
 $R = 1025.00'$
 $T = 38.71'$
 $L = 77.38'$



PLAN-SINGLETON WAY

B.M.
 G-3H FOUND P.K. NAIL IN N.E. CURB RETURN AT WELLS AVE AND CHALLENGE AVE. FIELD BOOK 38711, ELEV. 730.692

T.B.M.
 CHISELED BOX IN CENTER OF N.E. CURB RETURN AT WELLS AVE. AND CREST AVE. ELEV. 779.28

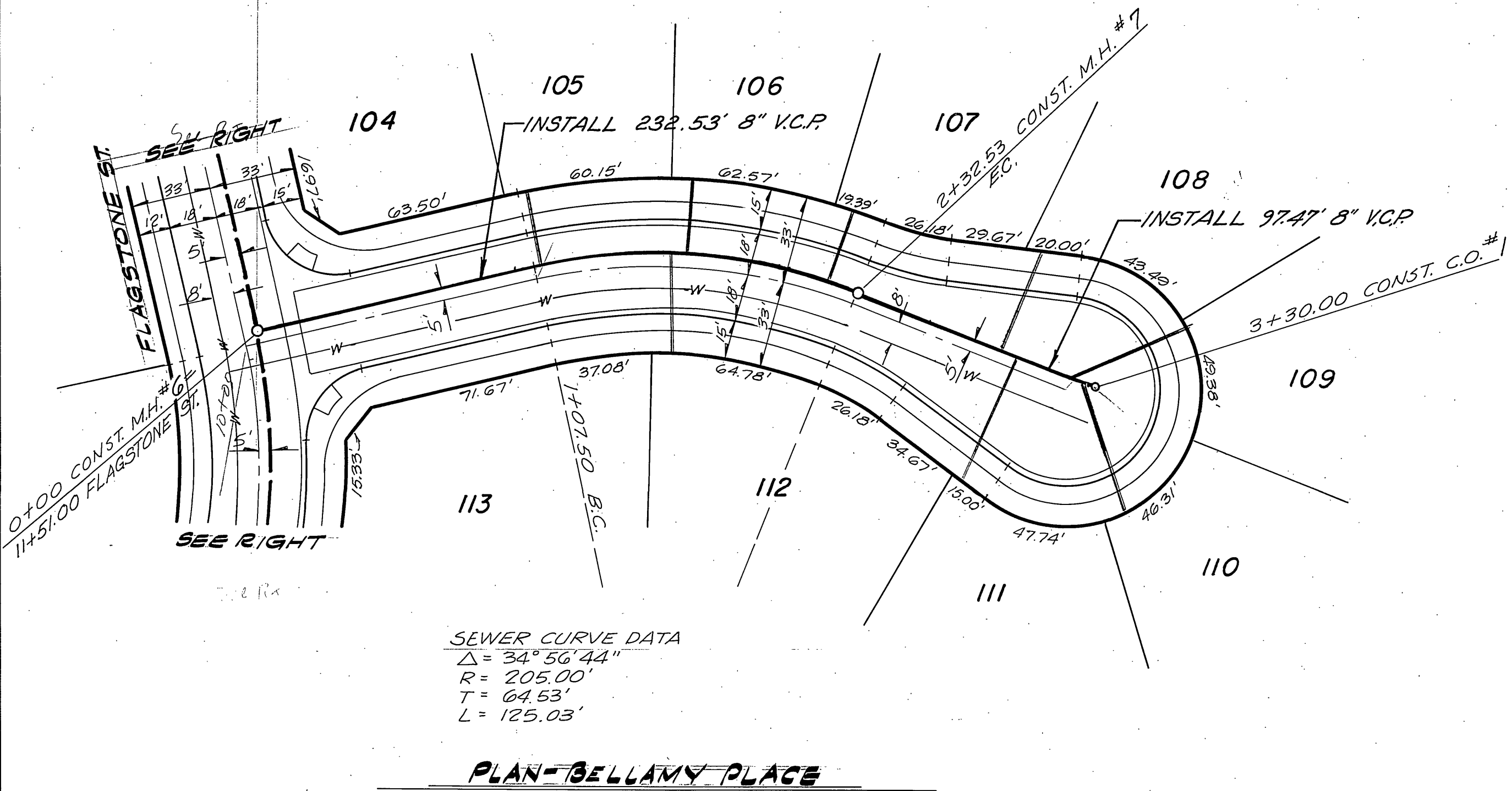
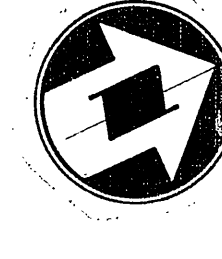
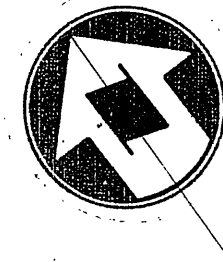
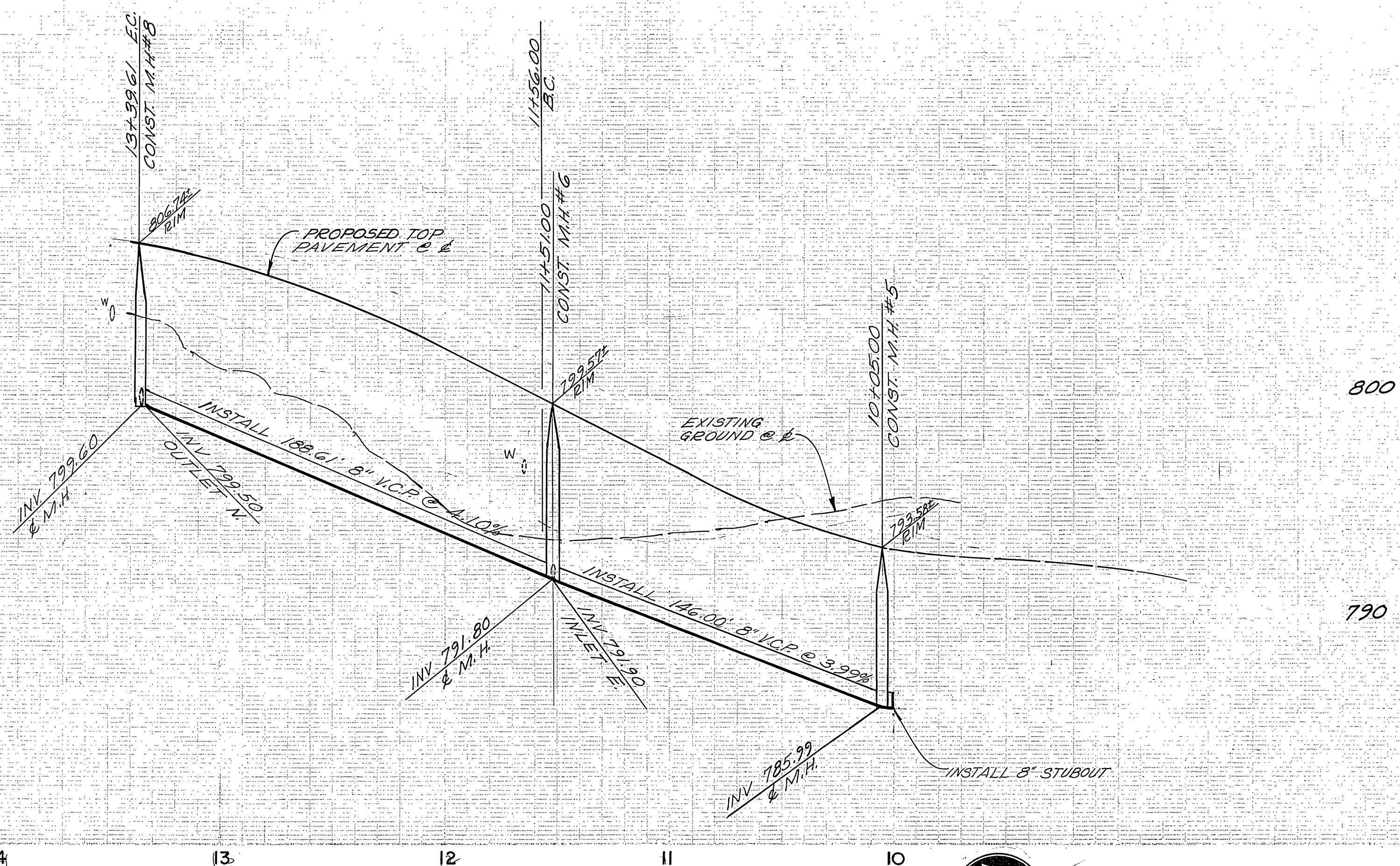
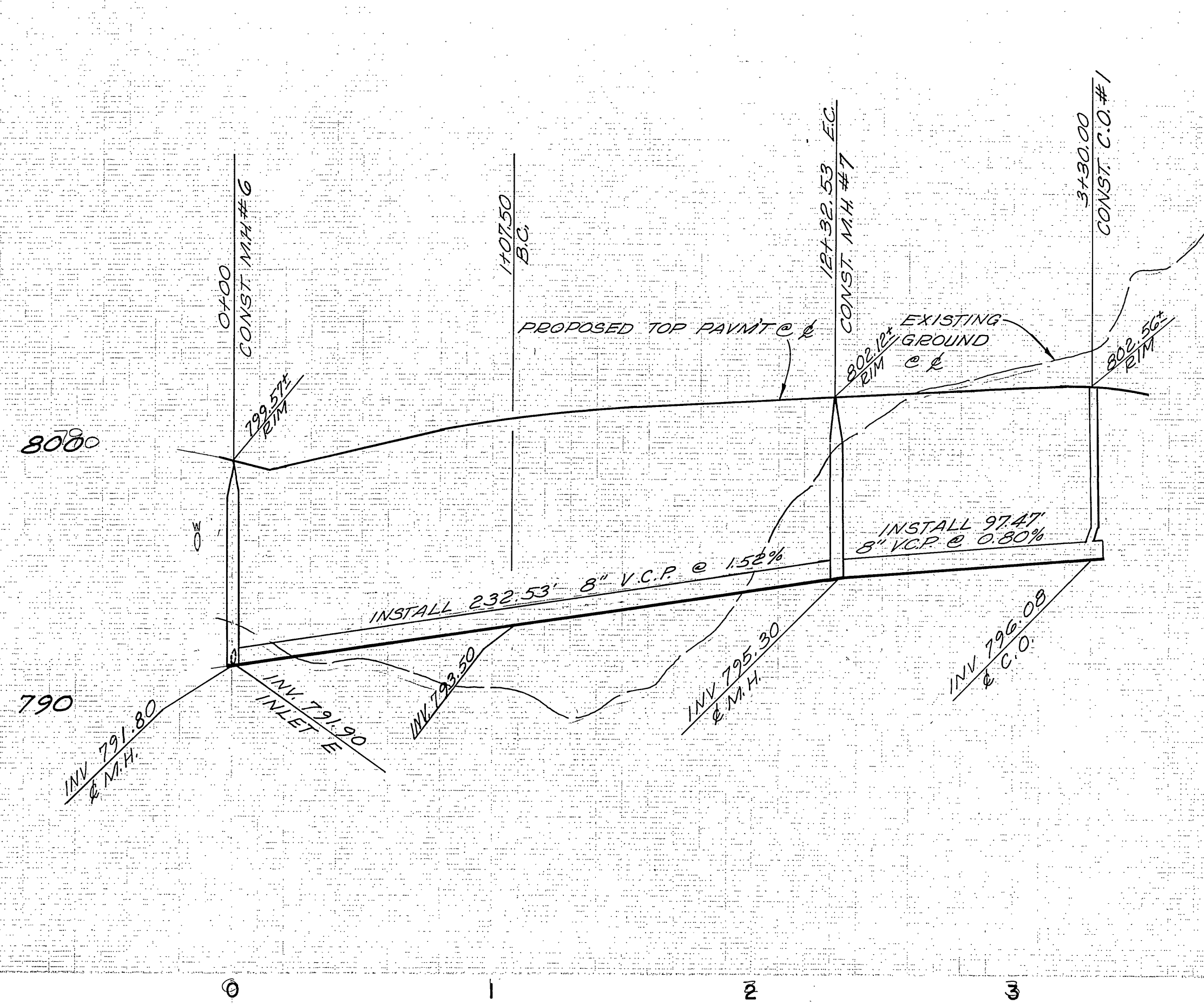
INSTALL TYPE "C" PLAIN ENCASEMENT PER PUBLIC UTILITY DWG. NO. CWD-023 SEE NO. 12 GENERAL NOTES

97
 CURVE DATA
 $\Delta = 4^{\circ} 16' 33''$
 $R = 152.5'$
 $T = 56.93'$
 $L = 113.81'$

CITY OF RIVERSIDE DOMESTIC SYSTEM APPROVED BY: <i>[Signature]</i> 10-12-77 CHIEF UTILITIES ENG. WATER - DATE	 NESTE, BRUDIN & STONE INCORPORATED / Civil Engineers SAN BERNARDINO HEMET SAN DIEGO APPROVED BY: <i>[Signature]</i> 12-8-77 R.C.E. NO.	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: <i>[Signature]</i> PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGR.	SEWER PLAN AND PROFILE TRACT NO. 7925 SINGLETON WAY		PROJECT NO. 5-1152
			DESIGNED BY: <i>[Signature]</i> DRAWN BY: <i>[Signature]</i> CHECKED BY:	REVISIONS APPR. DATE	DIRECTOR OF PUBLIC WORKS DATE: 12-8-77

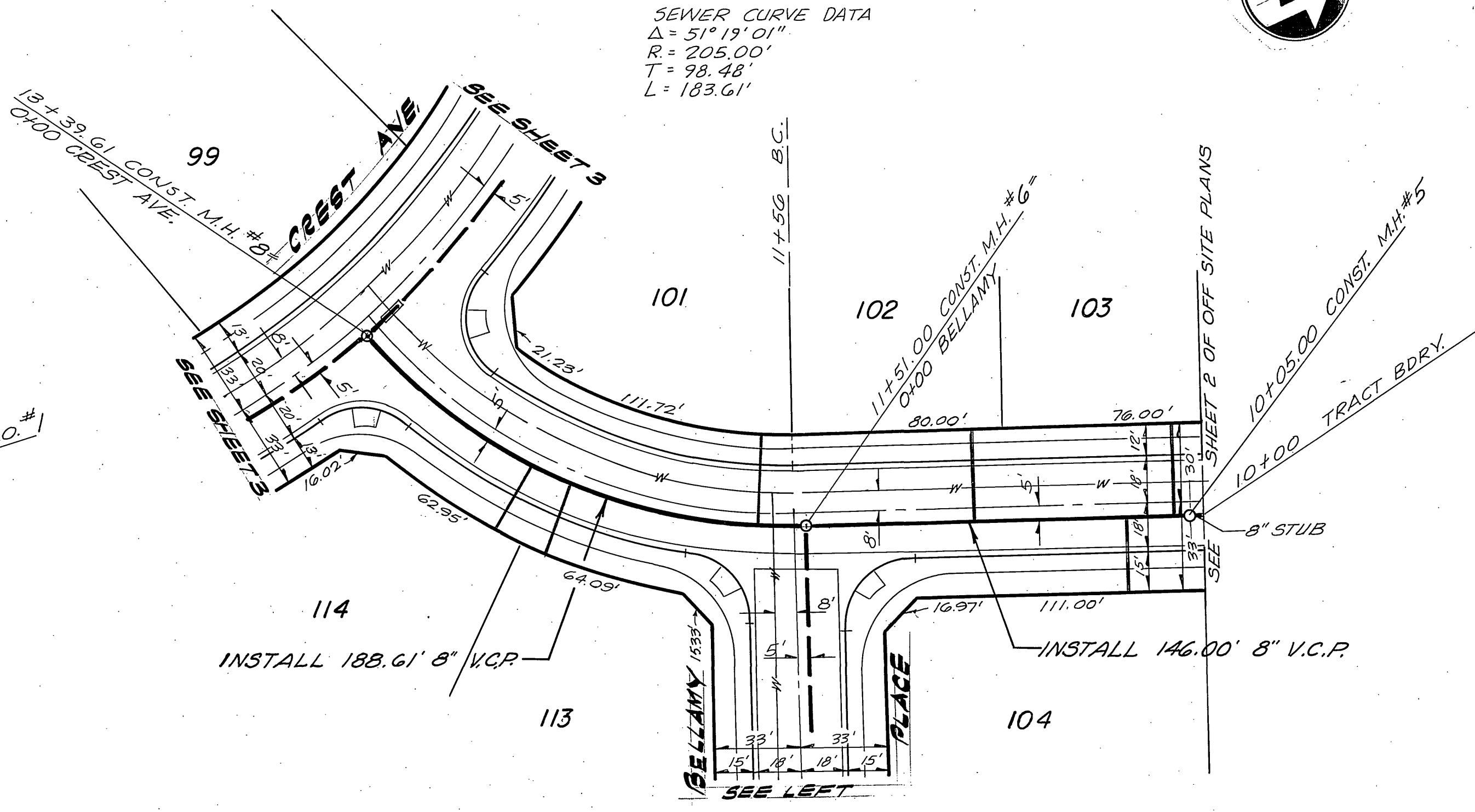
* AS BUILT 4-15-80 BCP

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



SEWER CURVE DATA
 $\Delta = 34^{\circ} 56' 44''$
 $R = 205.00'$
 $T = 64.53'$
 $L = 125.03'$

PLAN-BELLMY PLACE



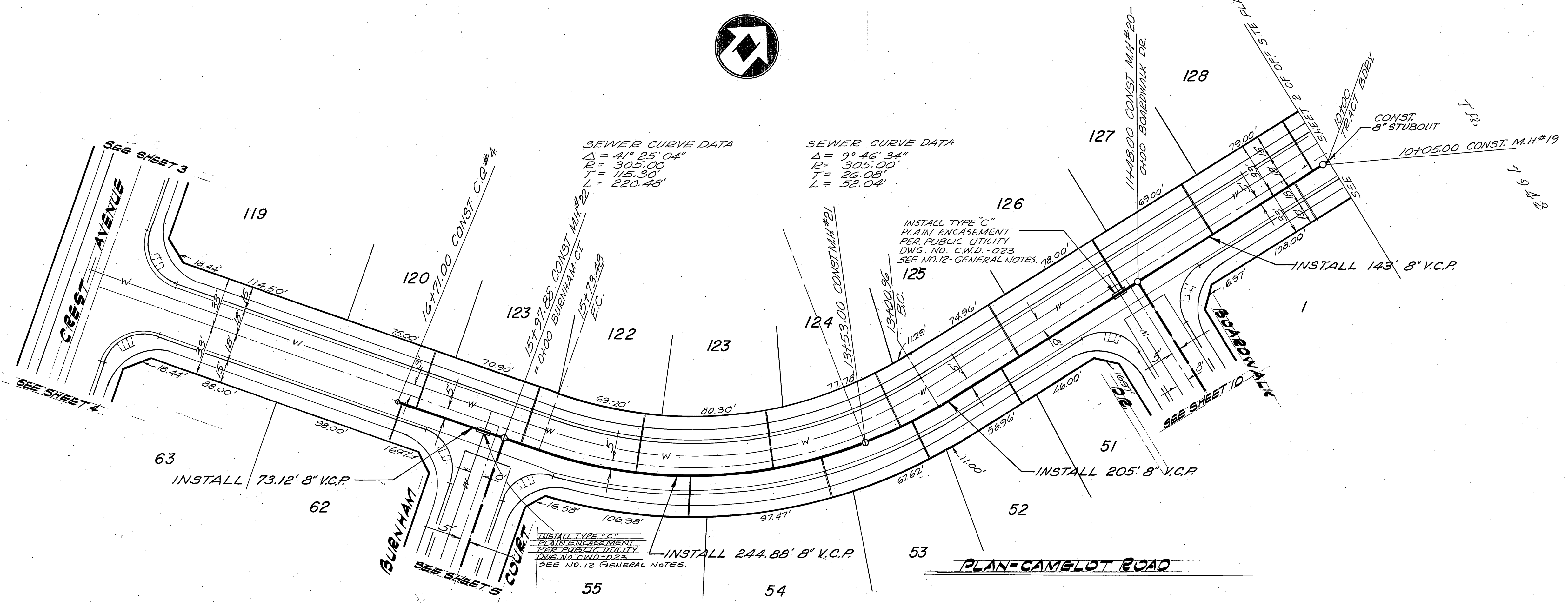
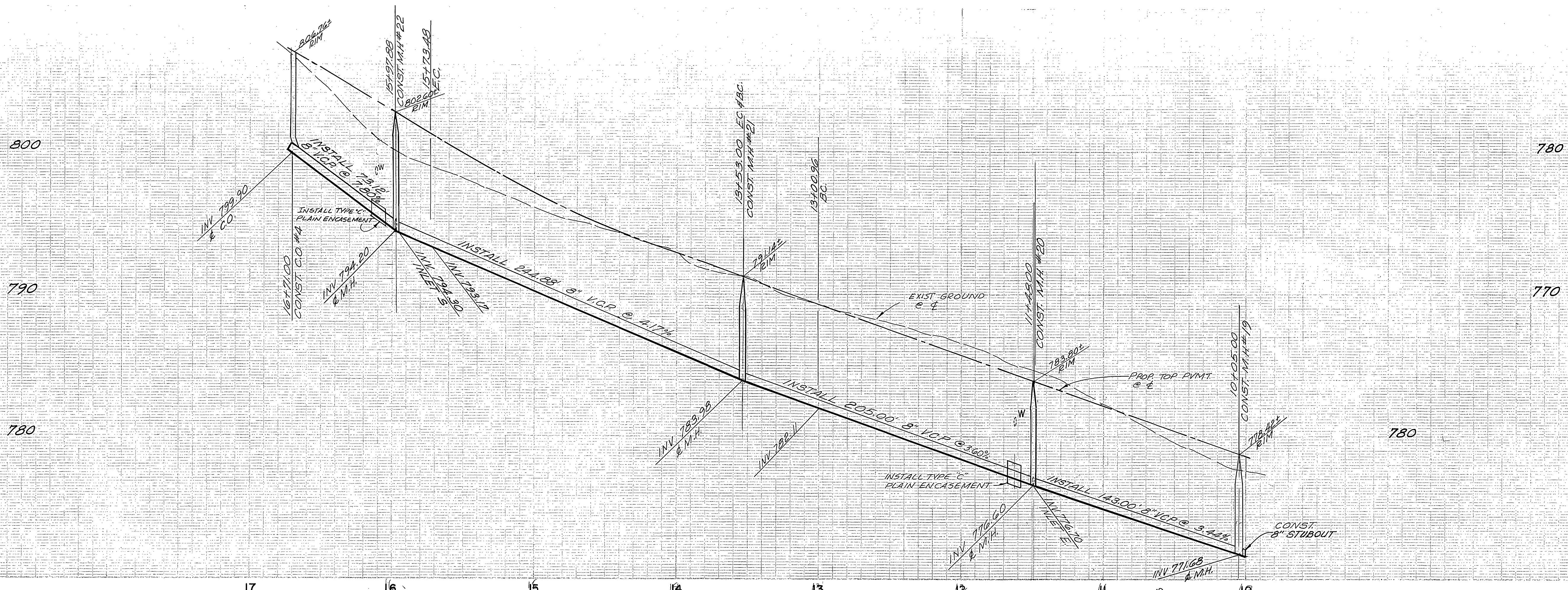
PLAN-FLAGSTONE STREET

SEWER CURVE DATA
 $\Delta = 51^{\circ} 19' 01''$
 $R = 205.00'$
 $T = 93.48'$
 $L = 183.61'$

B.M.
 63-H FOUND PK. NAIL IN N.E. CURB RETURN
 AT WELLS AVE AND CHALLENGE AVE.
 FIELD BOOK 38/11, ELEV. 796.692.

T.B.M.
 CHISELED BOX IN CENTER OF N.E. CURB RETURN
 AT WELLS AVE. AND CREST AVE.
 ELEV. 779.25

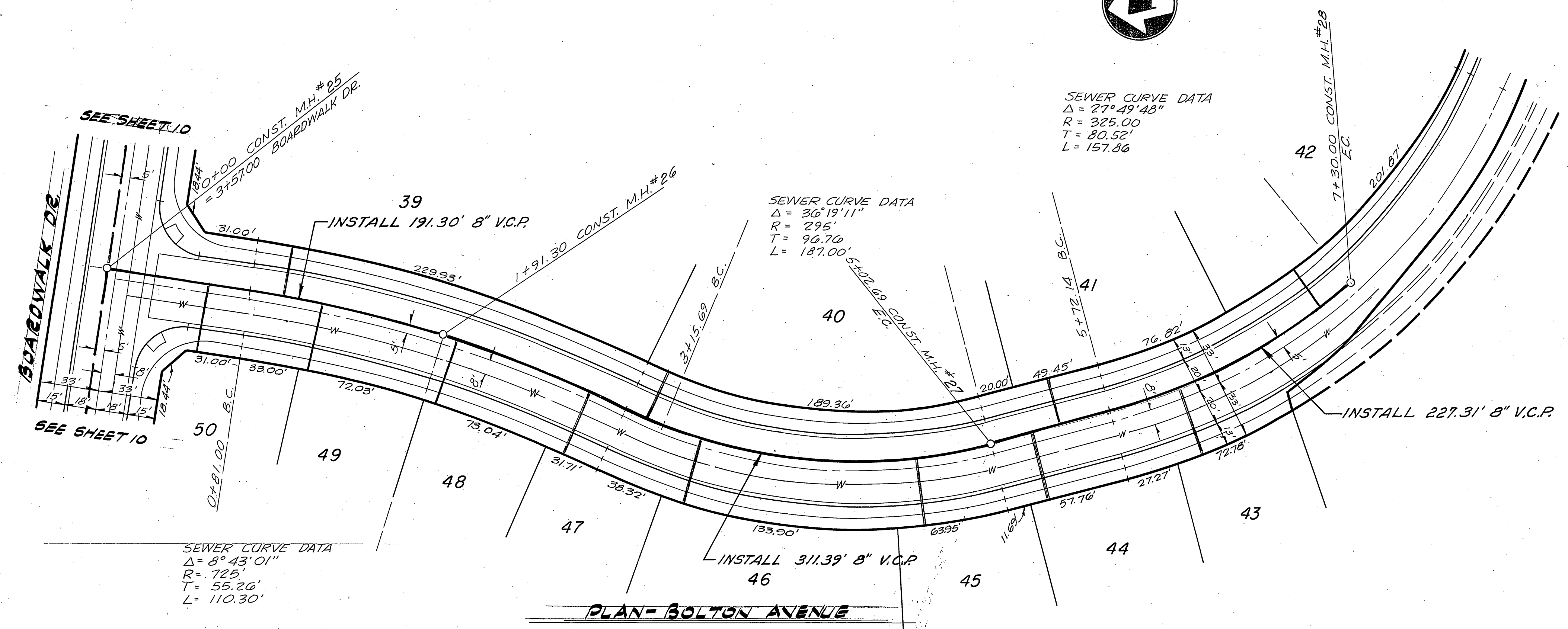
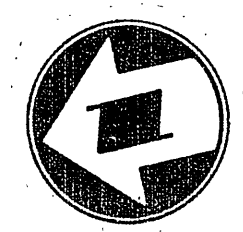
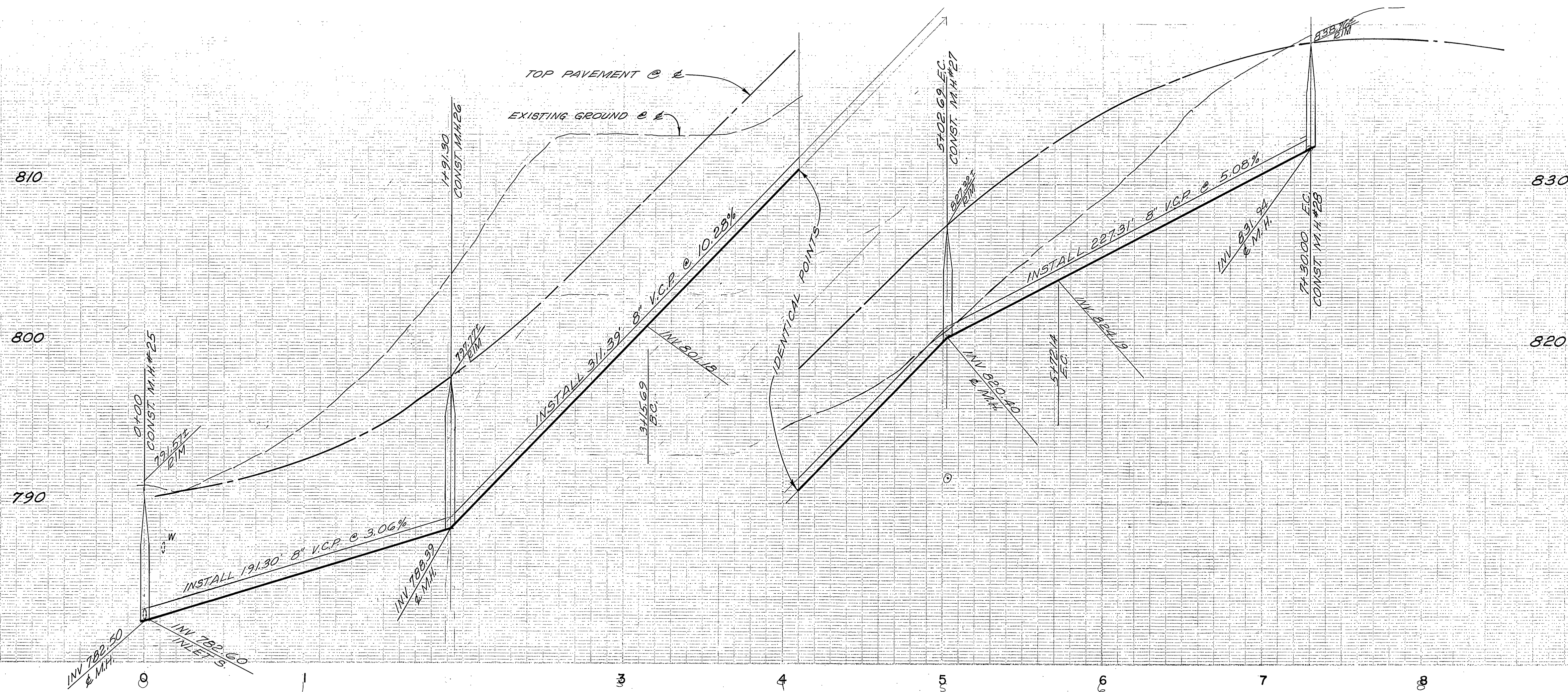
CITY OF RIVERSIDE DOMESTIC SYSTEM BY <i>[Signature]</i> 10-17-77 CHIEF UTILITIES ENG. WATER-DATE	NESTE, BRUDIN & STONE INCORPORATED / Civil Engineers SAN BERNARDINO HEMET SAN DIEGO APPROVED BY: <i>[Signature]</i> 12-15-77 R.O.E. NO. DATE	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: <i>[Signature]</i> PRINCIPAL ENGINEER 11/10/77 PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGR. 12-5-77	SEWER PLAN AND PROFILE TRACT NO. 7925 BELLMY PLACE & FLAGSTONE STREET DATE 12-5-77	PROJECT NO. 5-1152 SHEET 7 OF 12 FILE NO.



B.M.: G3-H FOUND PK. NAIL IN N.E. CURB RETURN AT WELLS AVE. AND CHALLENGE AVE. FIELD BOOK 38/11, ELEV. 793.692

T.B.M.: CHISELED BOX IN CENTER OF N.E. CURB RETURN AT WELLS AVE. AND CREST AVE. ELEV. 779.23

CITY OF RIVERSIDE DOMESTIC SYSTEM BY: <i>Wah J. J. [Signature]</i> 10/1/77 CHIEF UTILITIES ENG., WATER-DATE	NESTE, BRUDIN & STONE INCORPORATED Civil Engineers SAN BERNARDINO HEMET SAN DIEGO APPROVED BY: <i>[Signature]</i> 11/15/77 R.C.E. NO.	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: <i>[Signature]</i> PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGR.	SEWER PLAN AND PROFILE TRACT NO. 7925 CAMELOT ROAD PROJECT NO. 5-1152 SHEET 8 OF 12

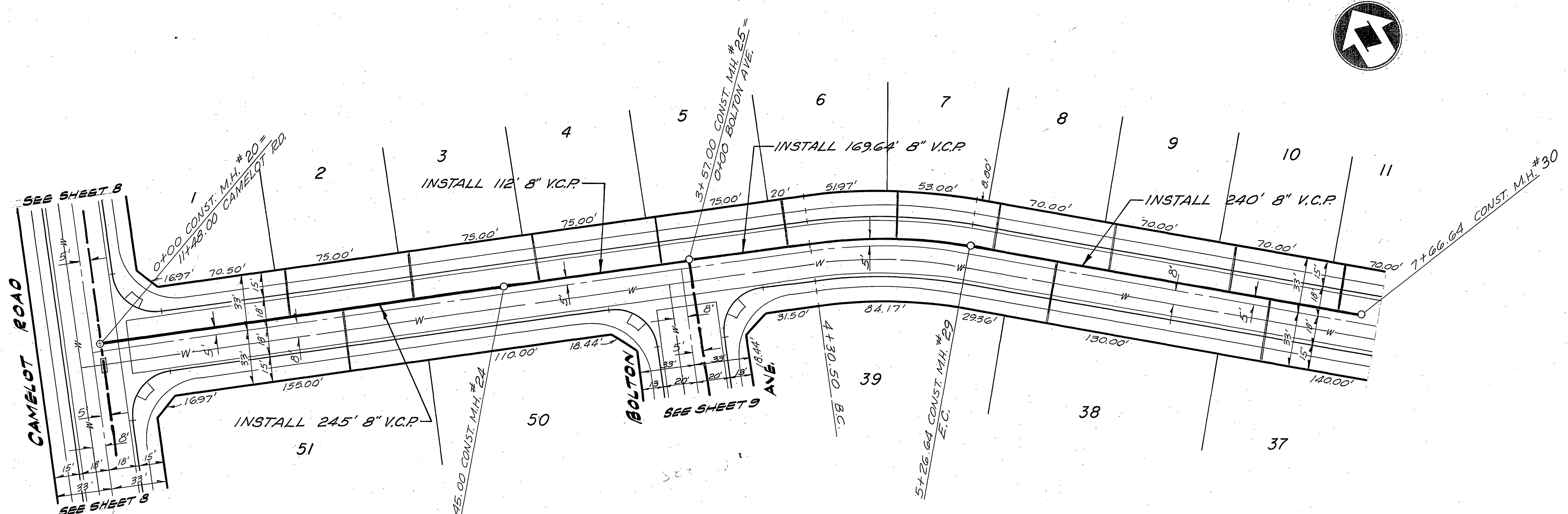
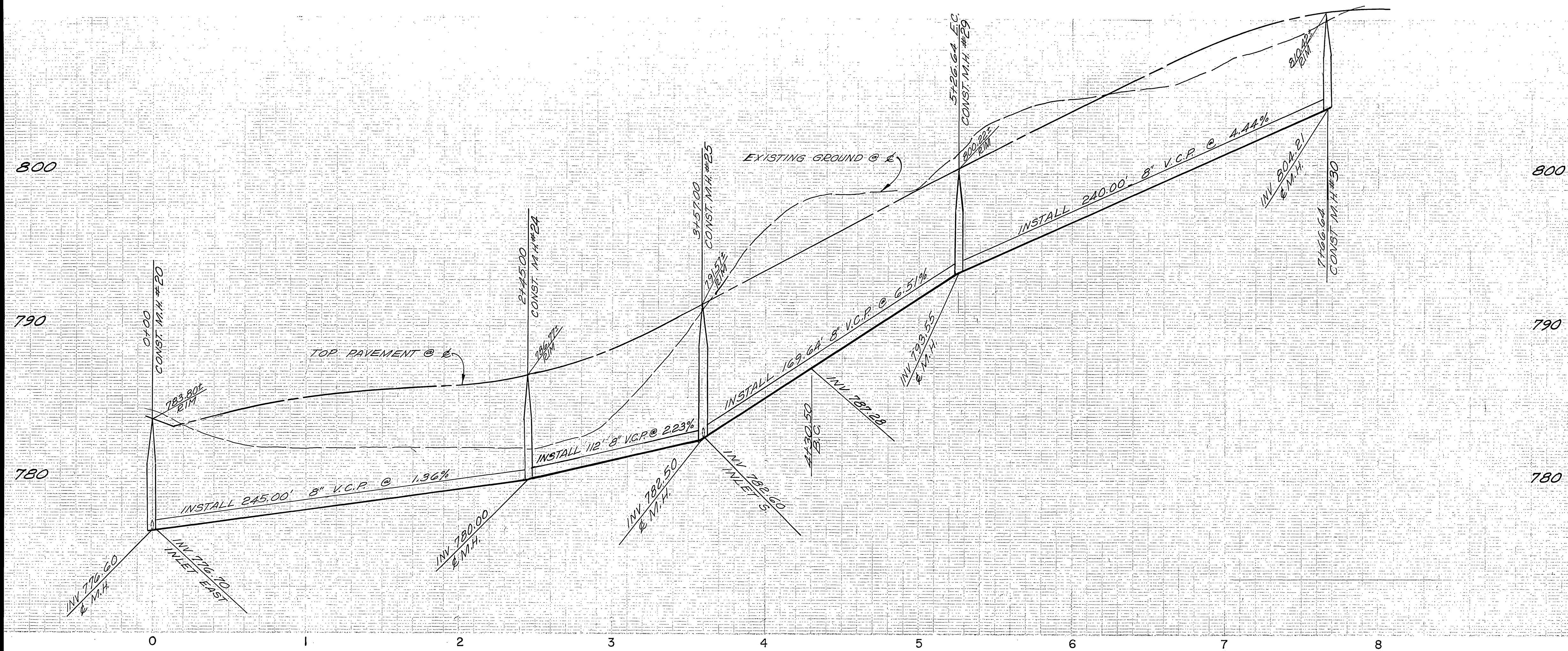


B.M.
 63-IN FOUND R.K. NAIL IN N.E. CURB RETURN
 AT WELLS AVE. AND CHALLEN AVE.
 FIELD BOOK 38/11, ELEV. 738.692

T.B.M.
 CHISELED BOX IN CENTER OF N.E. CURB RETURN
 AT WELLS AVE. AND CREST AVE.
 ELEV. 779.23

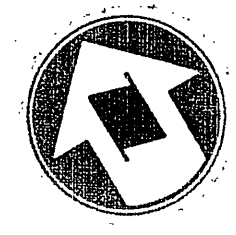
* AS BUILT 4-15-80 G.P.

CITY OF RIVERSIDE DOMESTIC SYSTEM	NESTE, BRUDIN & STONE INCORPORATED / Civil Engineers SAN BERNARDINO HEMET SAN DIEGO	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS		PROJECT NO. 5-152
		APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGR.	BY <i>[Signature]</i> DATE 12/2/77	APPROVED BY DIRECTOR OF PUBLIC WORKS <i>[Signature]</i> DATE 12-8-77
DESIGNED BY <i>SEC</i> DRAWN BY <i>SEA</i> CHECKED BY	REVISIONS APPR. DATE	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'	FILE NO.	FILE NO.



SEWER CURVE DATA
 $\Delta = 18^{\circ} 03' 40''$
 $R = 305'$
 $T = 48.47'$
 $L = 96.14'$

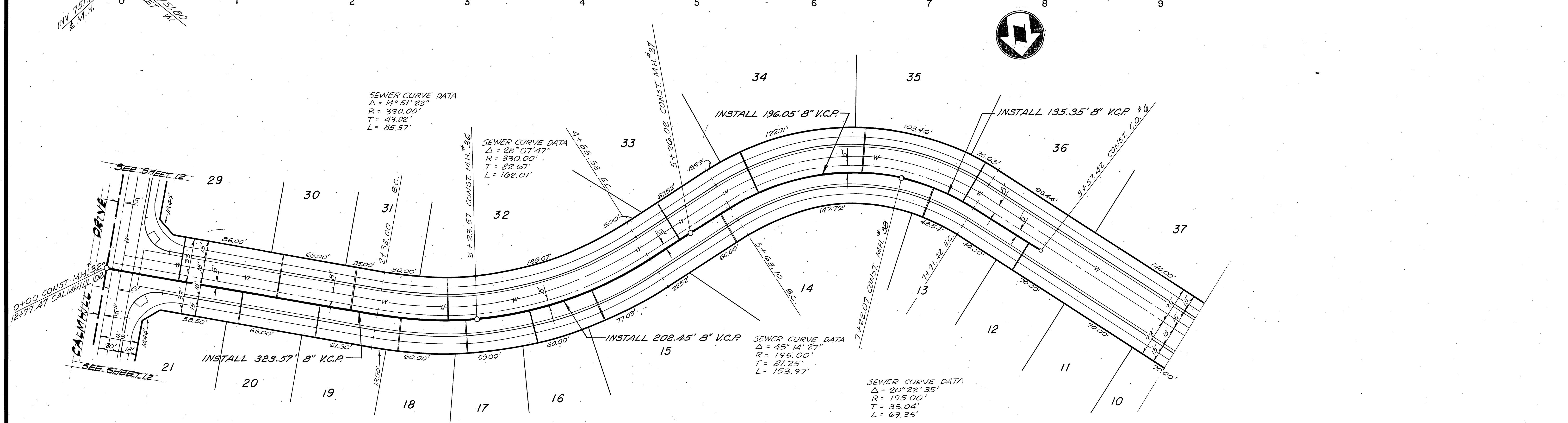
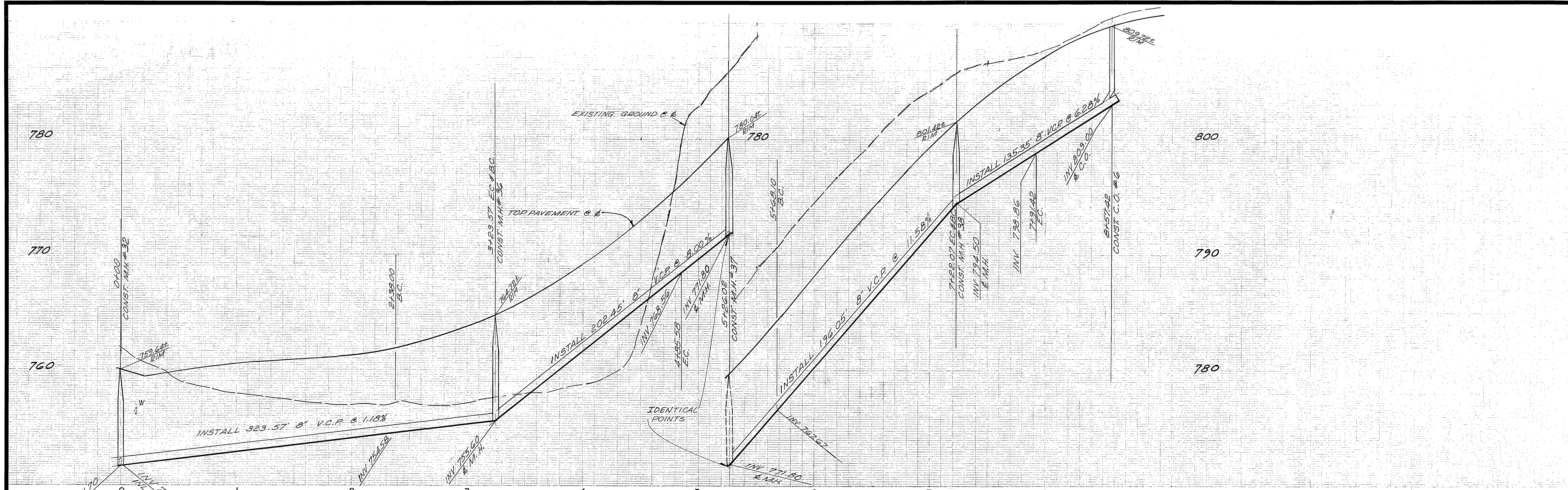
PLAN - BOARDWALK DRIVE



B.M.
 33-H FOUND P.K. NAIL IN N.E. CURB RETURN
 AT WELLS AVE. AND CHALLENGE AVE.
 FIELD BOOK 38/11, ELEV. 738.692

T.B.M.
 CHISELED BOX IN CENTER OF N.E. CURB RETURN
 AT WELLS AVE. AND CREST AVE.
 ELEV. 779.22

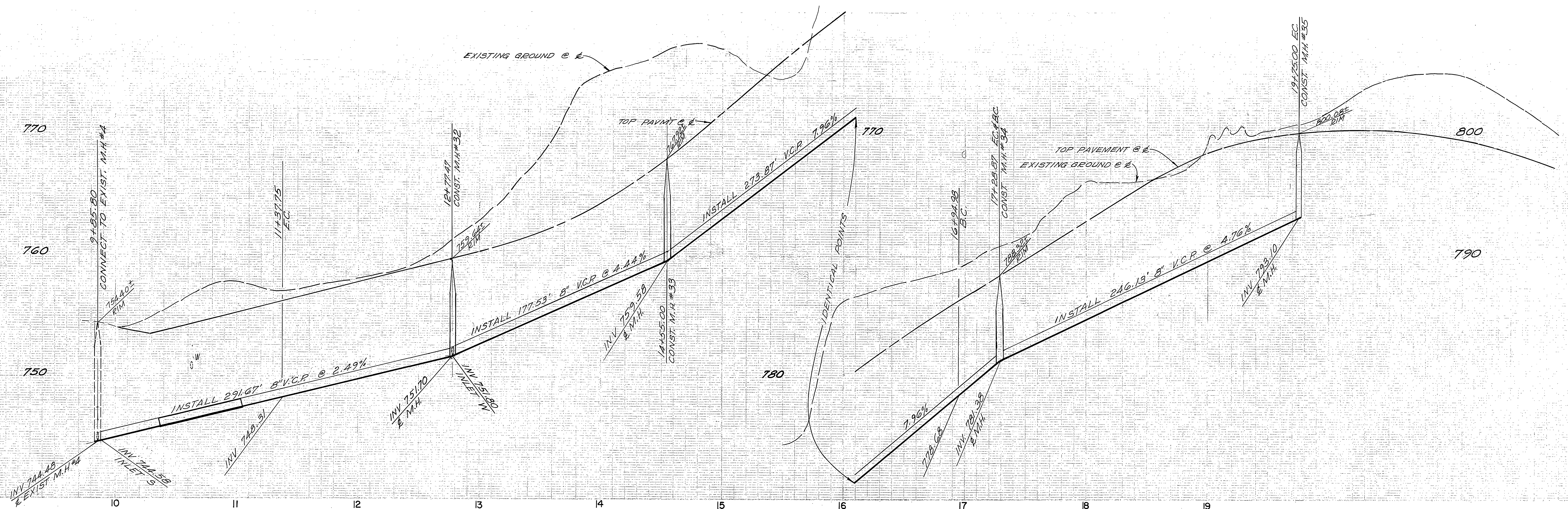
CITY OF RIVERSIDE DOMESTIC SYSTEM APPROVED BY: <i>[Signature]</i> CHIEF UTILITIES ENG., WATER - DATE	 NESTE, BRUDIN & STONE INCORPORATED / Civil Engineers SAN BERNARDINO HEMET SAN DIEGO APPROVED BY: <i>[Signature]</i> R.O.E. NO. DATE	MARK REVISIONS APPR. DATE DESIGNED BY: GEC DRAWN BY: SBA CHECKED BY:	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: <i>[Signature]</i> DIRECTOR OF PUBLIC WORKS DATE: 12-5-77	SEWER PLAN AND PROFILE TRACT NO. 7925 BOARDWALK DRIVE PROJECT NO. 5-1152 SHEET 10 OF 12 FILE NO.
			H.A.S. BUILT 4-15-80 - B.K.P.	HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'



PLAN - BOARDWALK DRIVE

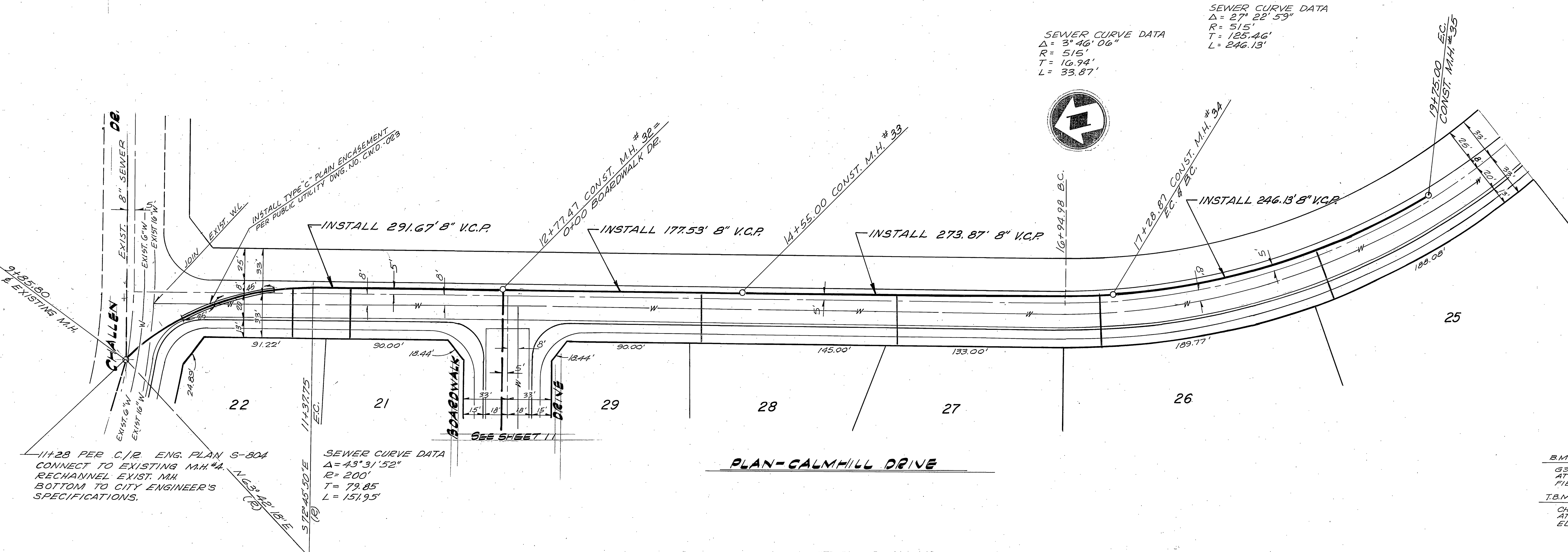
B.M.
 33-H FOUND R.K. NAIL IN N.E. CURB RETURN
 AT WELLS AVE. AND CHALLENGE AVE.
 FIELD BOOK 38 111, ELEV. 758.692
 T.B.M.
 CHISELED BOX IN CENTER OF N.E. CURB RETURN
 AT WELLS AVE. AND CREST AVE.
 ELEV. 779.23

CITY OF RIVERSIDE DOMESTIC SYSTEM BY <i>Walt Affler</i> 12-14-77 CHIEF UTILITIES ENG., WATER-DATE	 APPROVED BY: <i>Walter Brudin</i> 12-14-77 P.R.C.E. NO. _____ DATE	* AS BUILT 4-15-80 BKP MARK REVISIONS APPR. DATE DESIGNED BY GEC DRAWN BY SBA CHECKED BY _____	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: <i>[Signature]</i> 12/14/77 PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P. W. ENGR.	SEWER PLAN AND PROFILE TRACT NO. 7925 BOARDWALK DRIVE DATE 12-14-77	PROJECT NO. 5-1152 SHEET 11 OF 12 FILE NO.
			HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'		



SEWER CURVE DATA
 $\Delta = 27^\circ 22' 53''$
 $R = 515'$
 $T = 125.46'$
 $L = 246.13'$

SEWER CURVE DATA
 $\Delta = 3^\circ 46' 06''$
 $R = 515'$
 $T = 10.94'$
 $L = 33.87'$



B.M.
 63-H FOUND P.K. NAIL IN N.E. CURB RETURN AT WELLS AVE. AND CHALLENGE AVE. FIELD BOOK 38/11, ELEV. 738.692

T.B.M.
 CHISELED BOX IN CENTER OF N.E. CURB RETURN AT WELLS AVE. AND CREST AVE. ELEV. 779.23

CITY OF RIVERSIDE DOMESTIC SYSTEM BY <i>Walter J. Hill</i> 10-17-77 CHIEF UTILITIES ENG., WATER - DATE	NESTE, BRUDIN & STONE INCORPORATED Civil Engineers SAN BERNARDINO HEMET SAN DIEGO	APPROVED BY: <i>[Signature]</i> R.C.E. NO. 11851 DATE FEB 11, 1977	* AS BUILT 4-16-80 BUILT		CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: <i>[Signature]</i> DIRECTOR OF PUBLIC WORKS DATE 11-8-77	SEWER PLAN AND PROFILE TRACT NO. 7925 CALMHILL DRIVE	PROJECT NO. 5-1152 SHEET 12 OF 12
			DESIGNED BY: <i>[Signature]</i> DRAWN BY: <i>[Signature]</i> CHECKED BY:	REVISIONS APPR. DATE			