

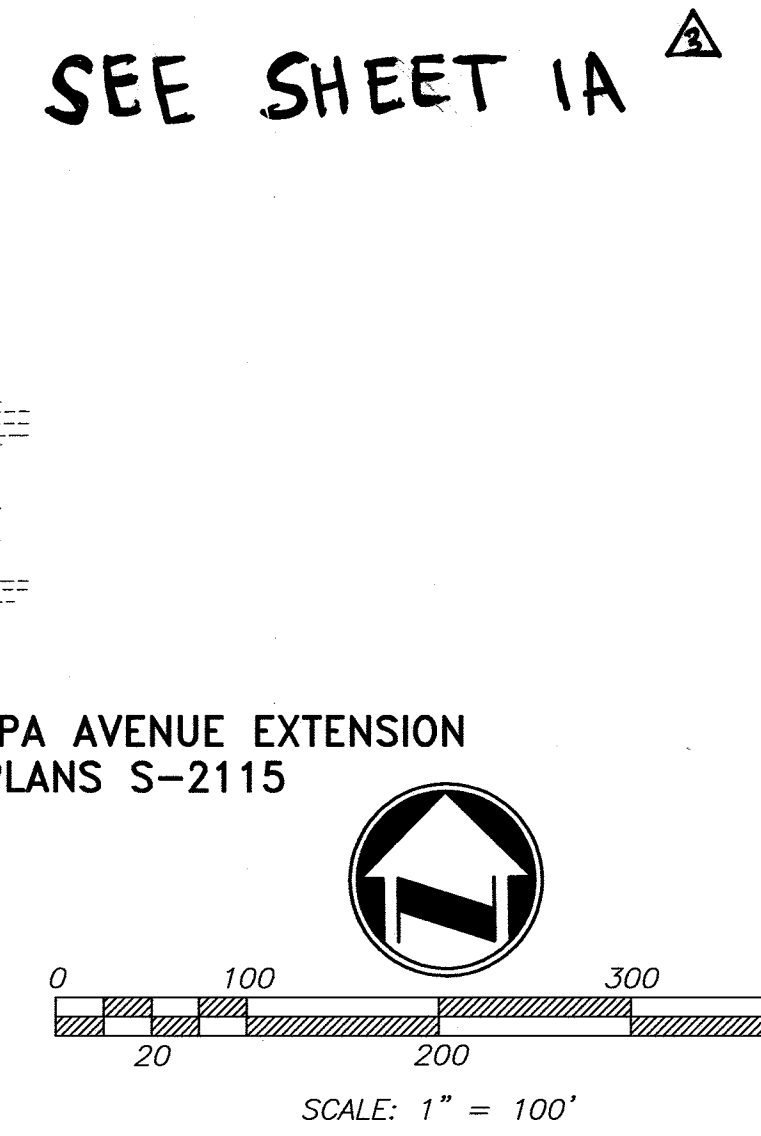
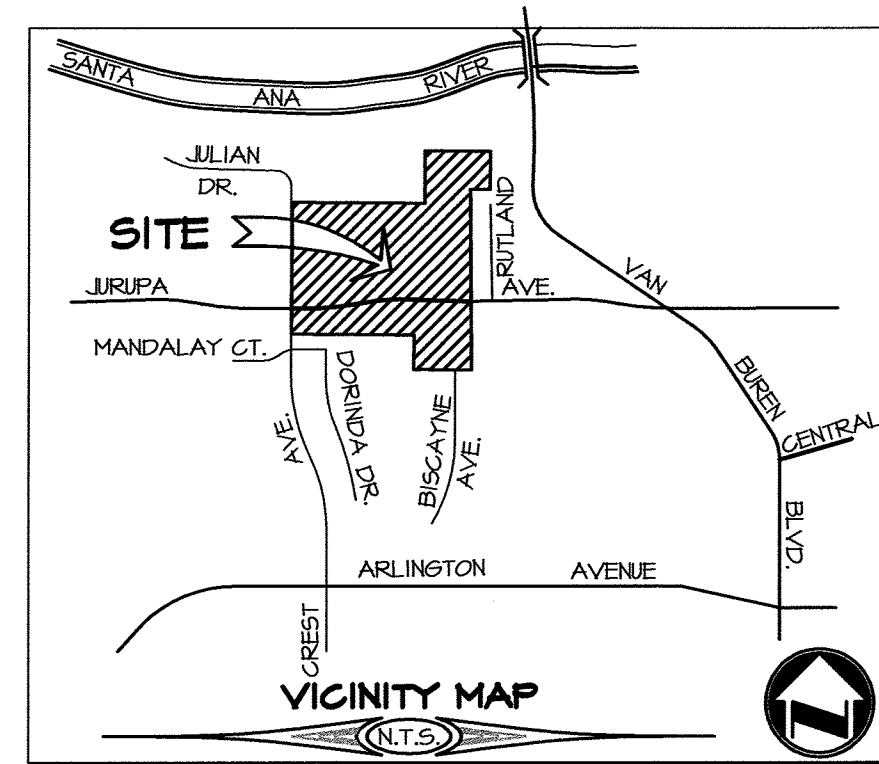
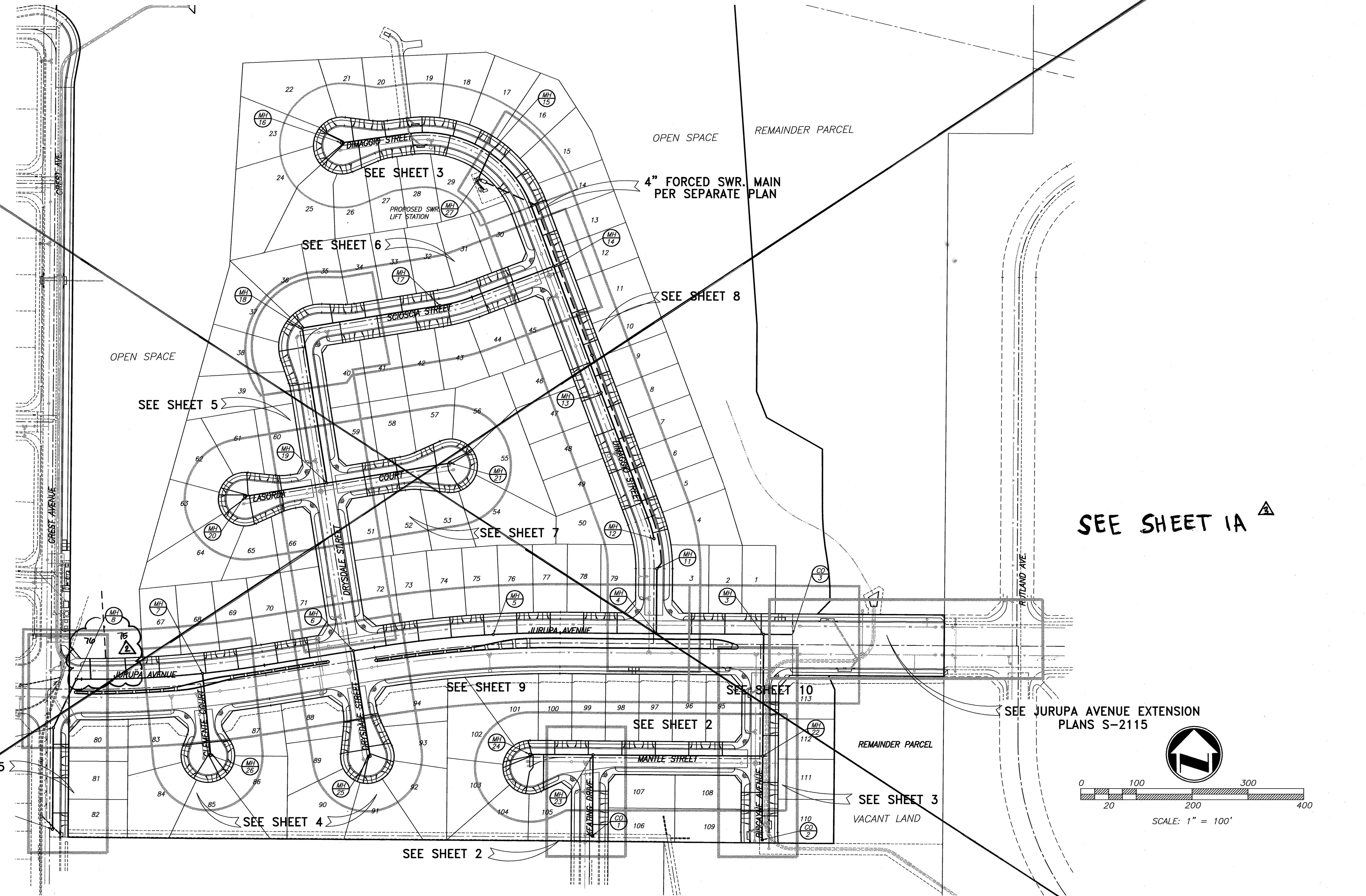
GENERAL NOTES

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- 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, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 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.
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- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, 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 BY U.S.A.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
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- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- PIPES JOINTS FOR VITRIFIED CLAY PIPE SHALL BE TYPE "C" AS SPECIFIED IN SECTION 208-2.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS PROJECTS. IF PLASTIC PIPE IS ALLOWED AS AN ALTERNATIVE, ALL PIPE JOINTS SHALL BE GASKETED. CEMENTED JOINTS SHALL NOT BE ALLOWED.
- THE DEVELOPER IS RESPONSIBLE FOR PERFORMING A VIDEO INSPECTION OF THE NEW SEWER MAIN PRIOR TO FINAL ACCEPTANCE OF THE WORK. THE VIDEO INSPECTION MUST BE PERFORMED IN THE PRESENCE OF THE PUBLIC WORKS INSPECTOR. A RECORDING OF THE VIDEO INSPECTION MUST BE SUBMITTED TO THE CITY FOR REVIEW AND ACCEPTANCE.

**SEWER IMPROVEMENT PLAN FOR:
TRACT No. 28987
RIVERSIDE, CA.**

LEGEND

BLDG.	BUILDING	GB	GRADE BREAK	TC	TOP OF CURB
CB	CATCH BASIN	H.C.	HANDICAPPED	TEL	TELEPHONE
CHLK	CHAIN LINK FENCE	HP	HIGH POINT	TG	TOP OF GRATE
C&G	CURB AND GUTTER	INV.	INVERT OF PIPE	TF	TOP OF FOOTING
C.L.	CENTERLINE	LP	LOW POINT	TW	TOP OF WALL
CONC.	CONCRETE	MH	MAN HOLE	W	WATER
D/W	DRIVEWAY	P.P.	POWER POLE	*	PROCESSED
EP	EDGE OF PAVEMENT	R.O.W.	RIGHT-OF-WAY		PRESENTATION
EXIST.	EXISTING	SWR	SEWER		PIPE
FF	FINISHED FLOOR	S/W	SIDEWALK		REQUIRED
FH	FIRE HYDRANT	SD	STORM DRAIN		
FL	FLOW LINE	STD.	STANDARD		
FS	FINISHED SURFACE				



CONSTRUCTION NOTES AND QUANTITY ESTIMATE
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①	CONSTRUCT 8" P.V.C. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 552	5,306 LF
②	CONSTRUCT MANHOLE PER CITY STD. DWG. 500	26 EA
③	CONSTRUCT 4" P.V.C. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562	4,326 LF
④	CONSTRUCT 8" CLEANOUT PER CITY STD. DWG. 560	3 EA
⑤	8' DIA. WET WELL PER FORCE SEWER MAIN PLANS	1 EA
⑥	ENCASE SEWER FOR 20' CENTERED ON WATER LINE CROSSING PER STD. CWD-023	20 LF



CITY OF RIVERSIDE BUSINESS TAX ACCT. #058833 EXP. 1/1/15

RIVERSIDE PUBLIC UTILITIES- WATER REVIEWED FOR CONFLICTS BY: <i>Matthew Bobb</i> DATE: 7-17-2014		PLAN PREPARED BY: adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6579 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 698-0241 • FAX: (951) 343-9370 DATE: 7/30/14 UNDER THE SUPERVISION OF: R.C.E. 53390 6/30/18	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISLED "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTLY CURB RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER DATUM: 1929 ELEVATION: 726.212	DESIGNED BY: Rick DRAWN BY: Rick CHECKED BY: C-	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> DATE: 7/15/14 ENGINEERING MANAGER CAPITAL PROJECTS	APPROVED BY: <i>[Signature]</i> DATE: 2/5/2015 CITY ENGINEER / P.W. DIRECTOR	SEWER PLAN AND PROFILE TRACT 28987 TITLE SHEET & INDEX MAP HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A	PW13-0371 ACCOUNT NO. S-1868 SHEET 1 OF 10 J.N. 8489
					INDEXED 3-15-16			

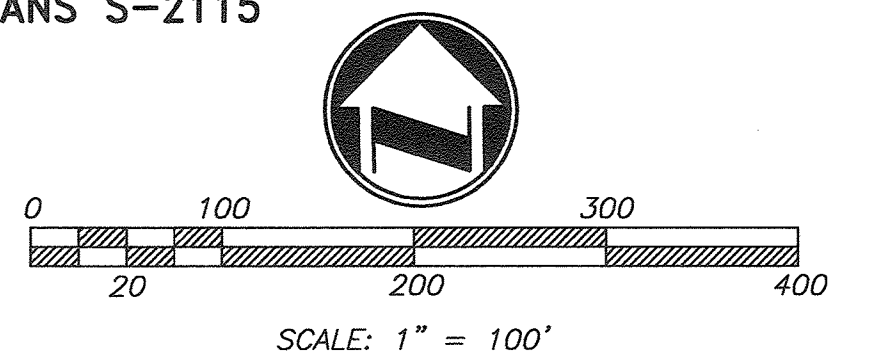
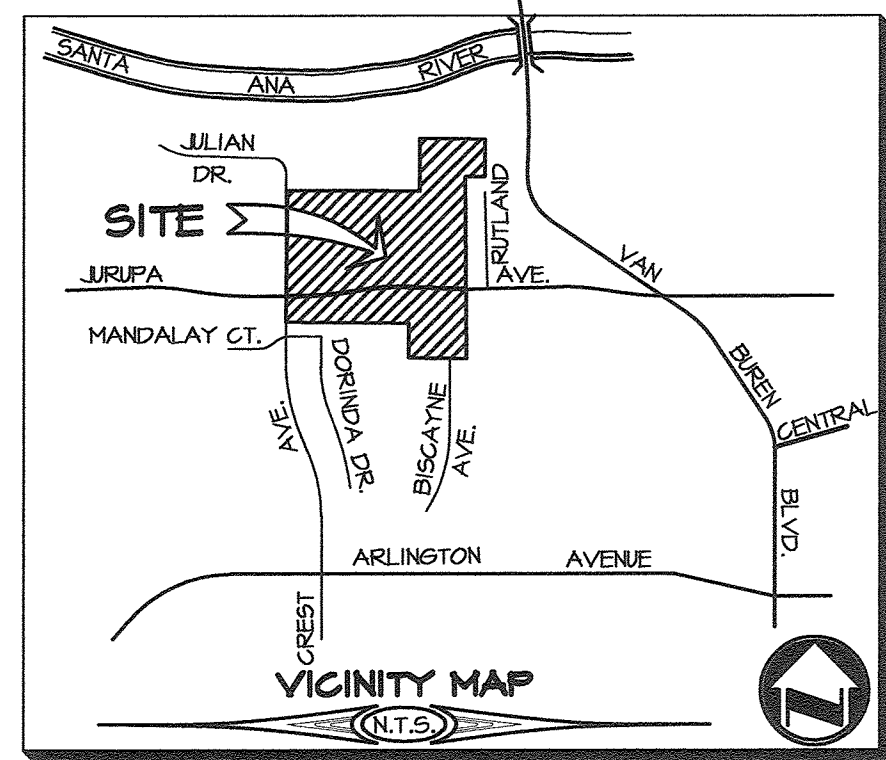
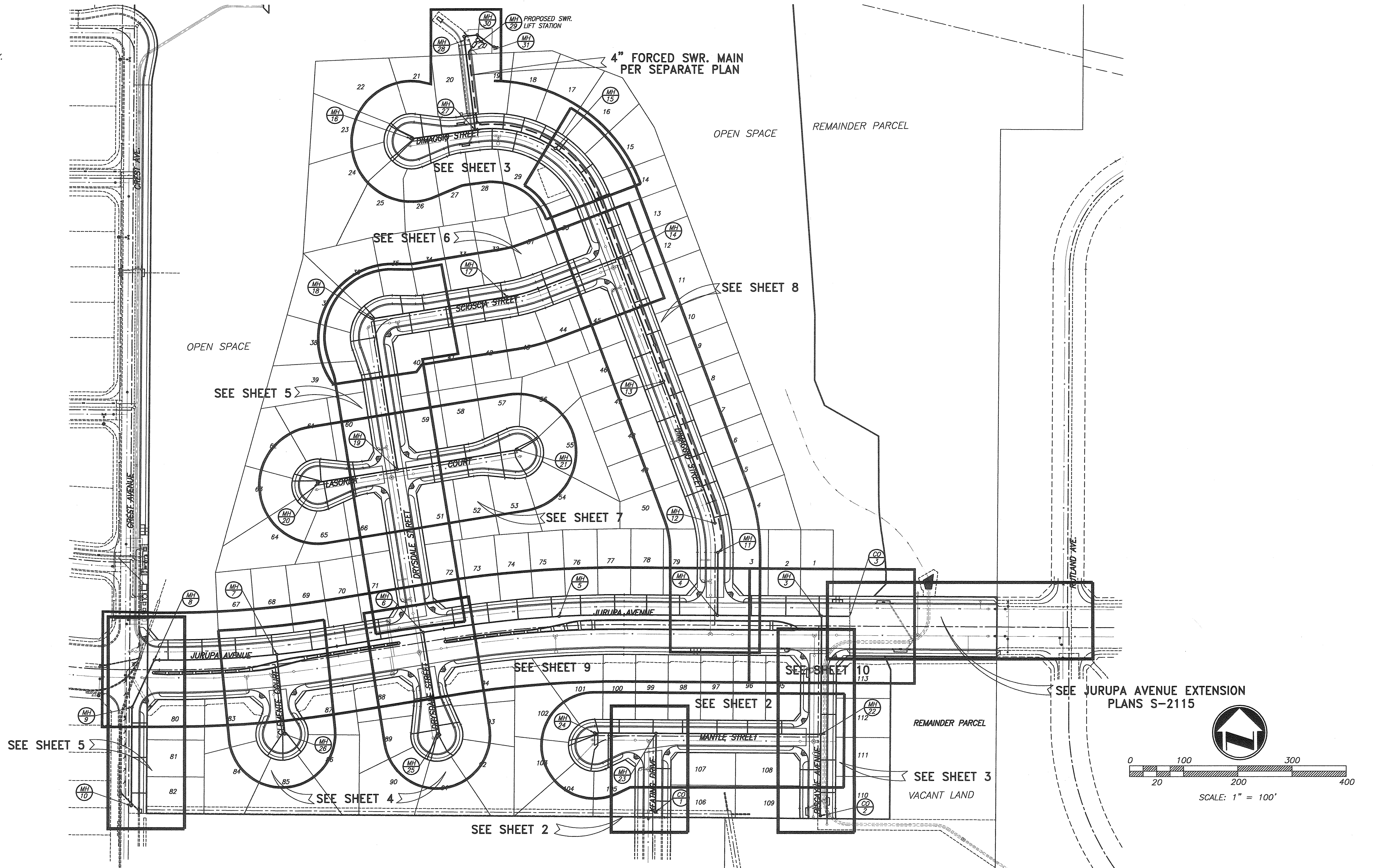
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SEWER IMPROVEMENT PLAN FOR: TRACT No. 28987 RIVERSIDE, CA.

LEGEND

BLDG.	BUILDING	GB	GRADE BREAK	TC	TOP OF CURB
CB	CATCH BASIN	H.C.	HANDICAPPED	TEL.	TELEPHONE
CLK	CHAIN LINK FENCE	HP	HIGH POINT	TO	TOP OF GRATE
C&G	CURB AND GUTTER	INV.	INVERT OF PIPE	TF	TOP OF FOOTING
C.L.	CENTERLINE	LP	LOW POINT	TW	TOP OF WALL
CONC.	CONCRETE	M.H.	MAN HOLE	W	WATER
D/W	DRIVEWAY	P.P.	POWER POLE	*	BACKFLOW PREVENTION DEVICE REQUIRED
EP	EDGE OF PAVEMENT	R.D.	ROOF DRAIN		
EXIST.	EXISTING	R.O.W.	RIGHT-OF-WAY		
FF	FINISHED FLOOR	SWR	SEWER		
FH	FIRE HYDRANT	S/W	SIDEWALK		
FL	FLOW LINE	SD	STORM DRAIN		
FS	FINISHED SURFACE	STD.	STANDARD		



CONSTRUCTION NOTES AND QUANTITY ESTIMATE

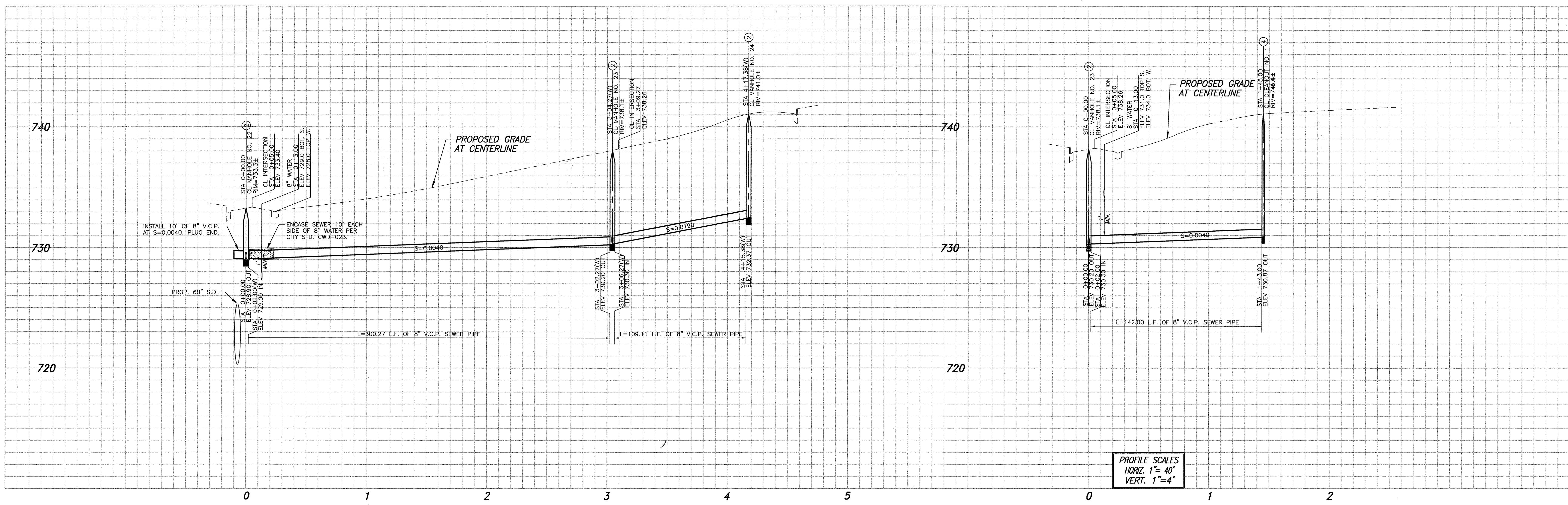
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14	CONSTRUCT 8" D.I.P. C-350 SEWER CASE III BEDDING PER CITY STD. DWG. NO. 452	50	LF
1	CONSTRUCT 8" P.V.C. SEWER PER CITY STD. DWG. NO. 452	5,436	LF
2	CONSTRUCT MANHOLE PER CITY STD. DWG. 500	26	EA
3	CONSTRUCT 4" P.V.C. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562	4,326	LF
4	CONSTRUCT 8" CLEANOUT PER CITY STD. DWG. 560	3	EA
5	8' DIA. WET WELL PER FORCE SEWER MAIN PLANS	1	EA
6	ENCASE SEWER FOR 20' CENTERED ON WATER LINE CROSSING PER STD. CWD-023	20	LF



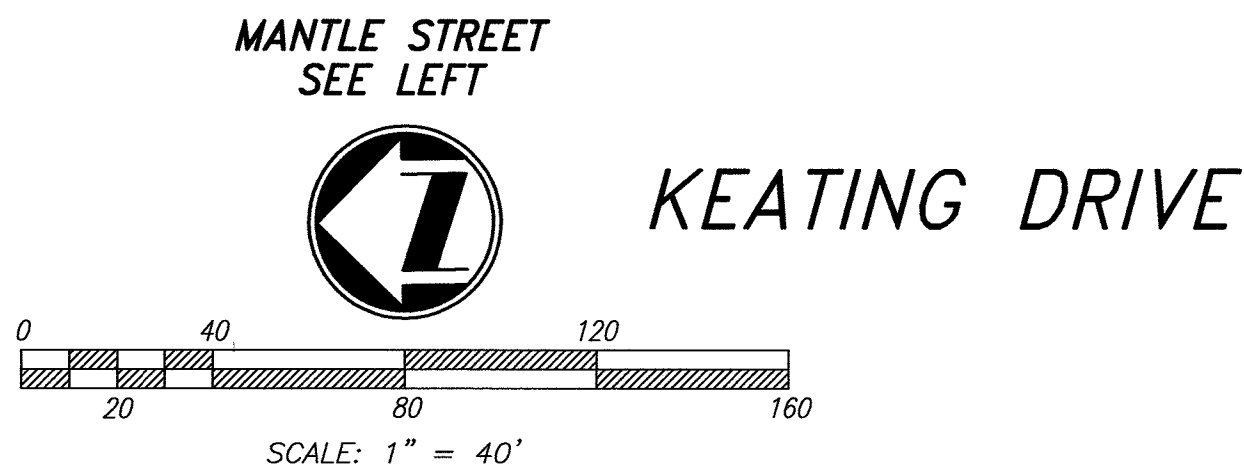
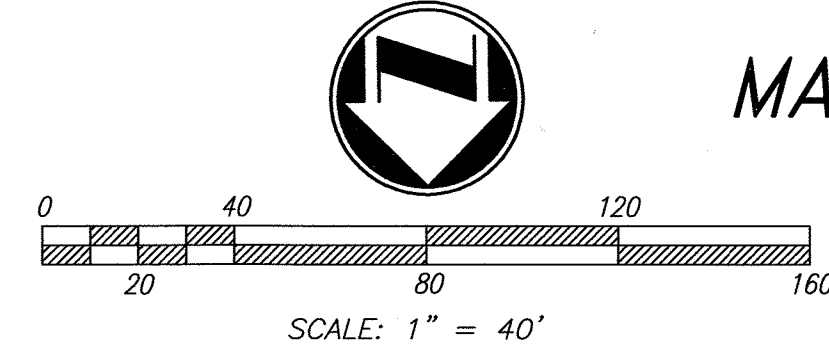
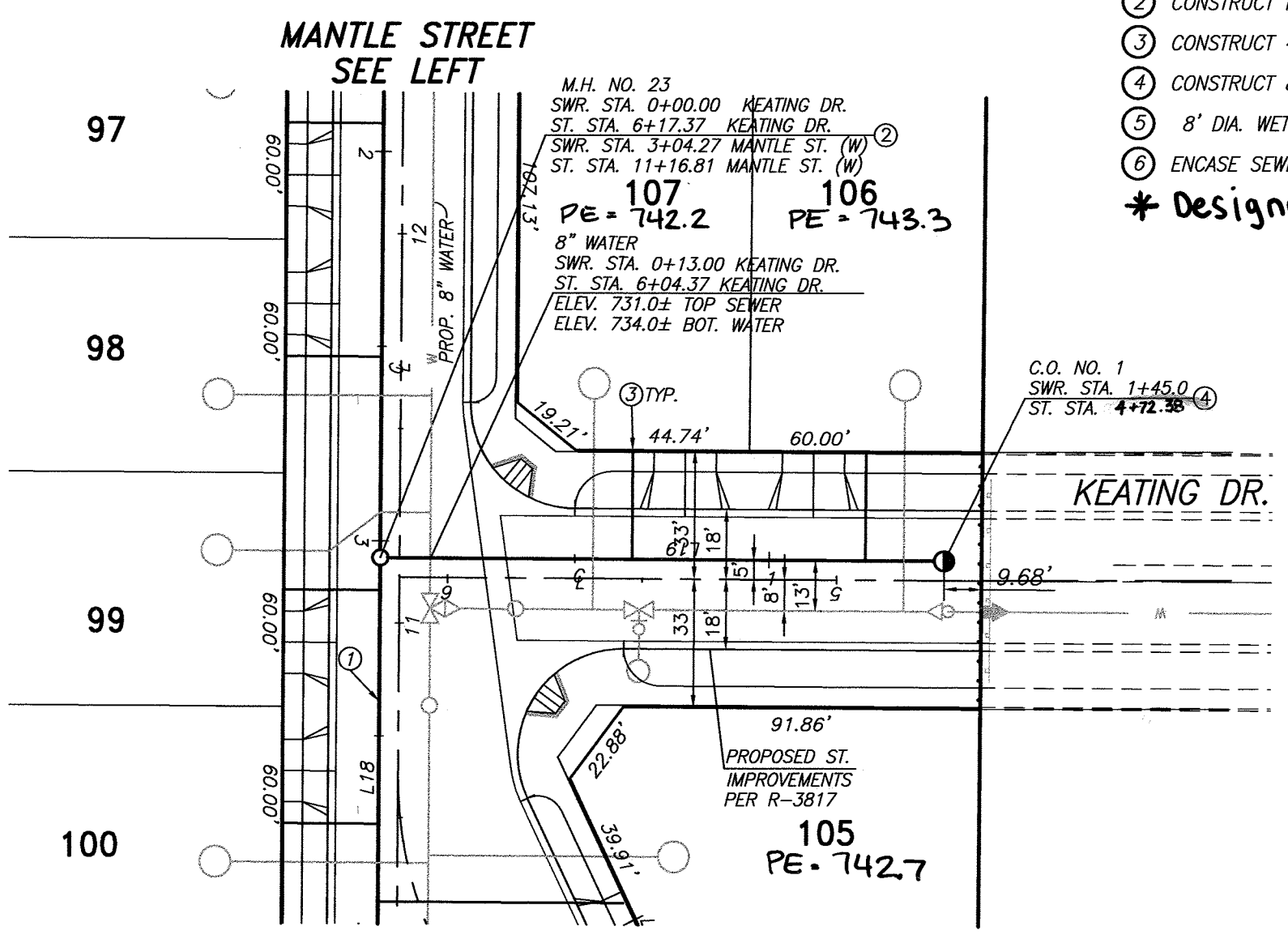
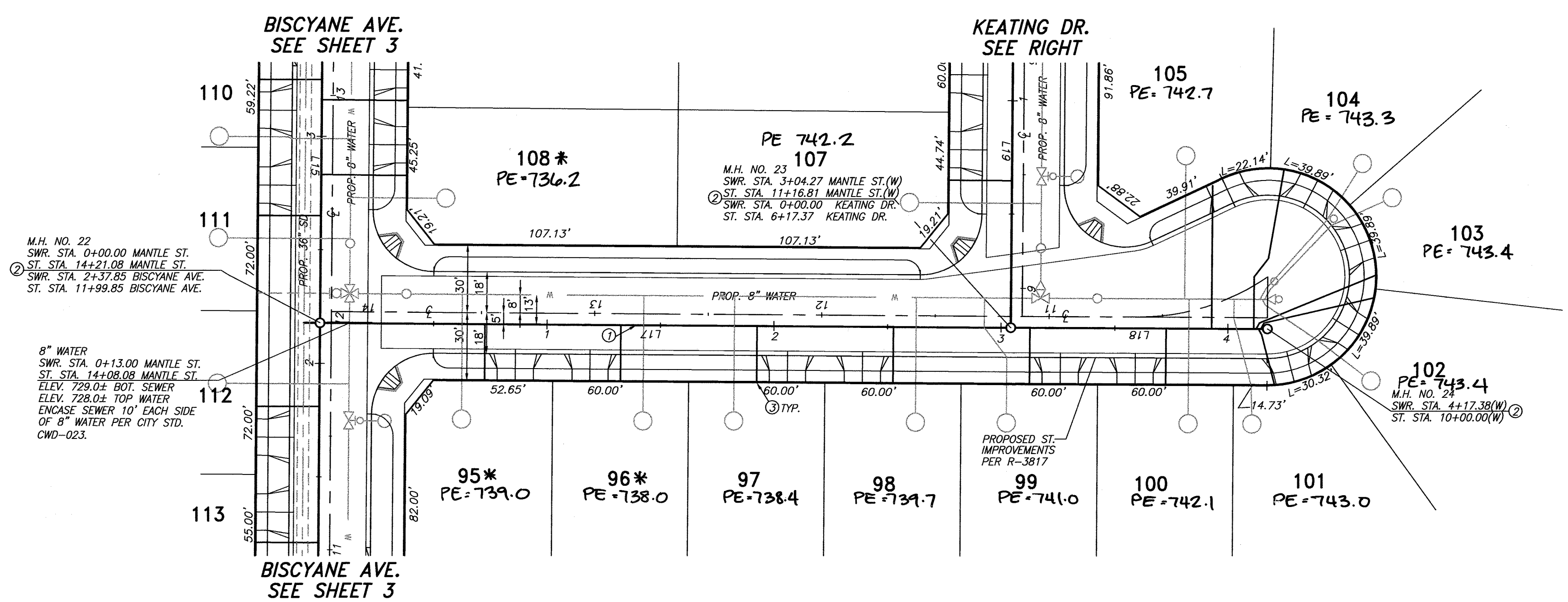
CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP. 1/1/17

RIVERSIDE PUBLIC UTILITIES- WATER 	PLAN PREPARED BY: adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6979 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 688-0743 FAX: (951) 613-9370 DATE: 10/1/17 UNDER THE SUPERVISION OF: R.O. #53390 6/30/17	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISLED "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTERLY CURB RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER. DATUM: 1929 ELEVATION: 726.212	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT</td> </tr> <tr> <td style="text-align: center;">APPROVED BY</td> <td style="text-align: center;">DATE</td> </tr> <tr> <td style="text-align: center;">ENGINEERING MANAGER</td> <td style="text-align: center;">BY</td> </tr> <tr> <td style="text-align: center;">CAPITAL PROJECTS</td> <td style="text-align: center;">DATE</td> </tr> <tr> <td style="text-align: center;">MARK</td> <td style="text-align: center;">REVISIONS</td> </tr> <tr> <td style="text-align: center;">APPR.</td> <td style="text-align: center;">DATE</td> </tr> <tr> <td colspan="2">DESIGNED BY: EAA DRAWN BY: EAA CHECKED BY: C-</td> </tr> </table>	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		APPROVED BY	DATE	ENGINEERING MANAGER	BY	CAPITAL PROJECTS	DATE	MARK	REVISIONS	APPR.	DATE	DESIGNED BY: EAA DRAWN BY: EAA CHECKED BY: C-	
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT																	
APPROVED BY	DATE																
ENGINEERING MANAGER	BY																
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DESIGNED BY: EAA DRAWN BY: EAA CHECKED BY: C-																	
CITY OF RIVERSIDE SEWER PLAN AND PROFILE TRACT 28987 TITLE SHEET & INDEX MAP			PW13-0371 ACCOUNT NO. S-1868 SHEET 1A OF 10 J.N. 8489														



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

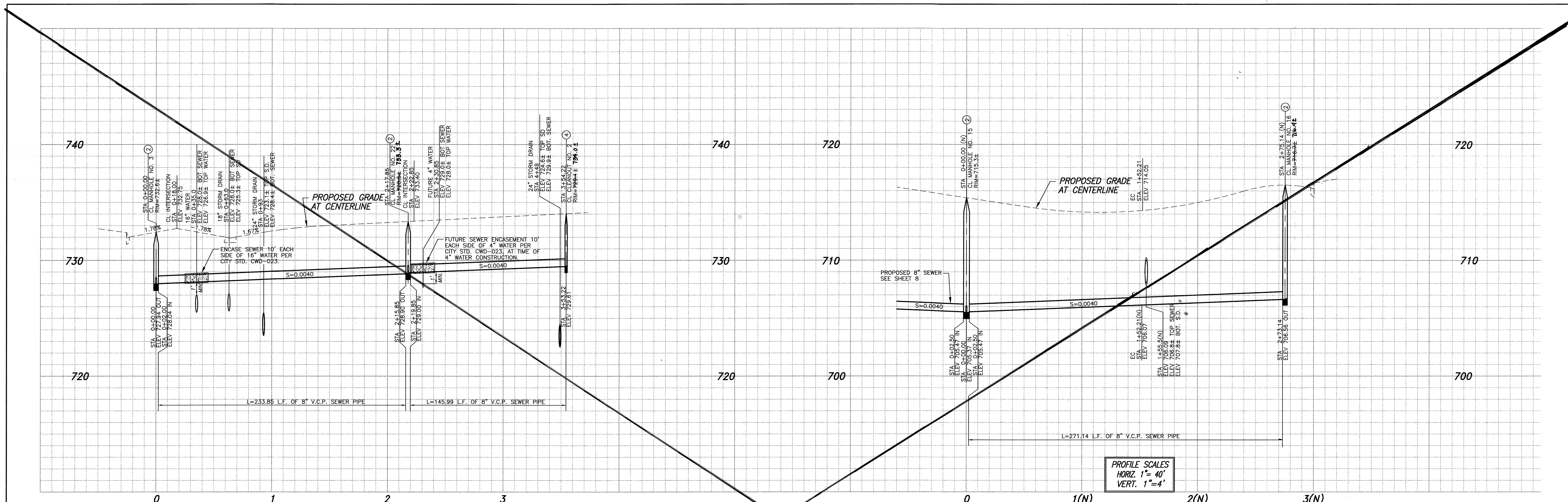
- CONSTRUCTION NOTES:**
- ① CONSTRUCT 8" P.V.C. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
 - ② CONSTRUCT MANHOLE PER CITY STD. DWD. 500
 - ③ CONSTRUCT 4" P.V.C. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWD. 562
 - ④ CONSTRUCT 8" CLEANOUT PER CITY STD. DWD. 560
 - ⑤ 8" DIA. WET WELL PER FORCE SEWER MAIN PLANS
 - ⑥ ENCASE SEWER FOR 20' CENTERED ON WATER LINE CROSSING PER STD. CWD-023
- * Designates sewer backflow preventer is required.



LINE	LENGTH	DIRECTION
L15	136.37	N0° 20' 34"E
L17	304.27	N89° 39' 26"W
L18	113.10	N89° 39' 26"W
L19	145.00	N0° 19' 56"E

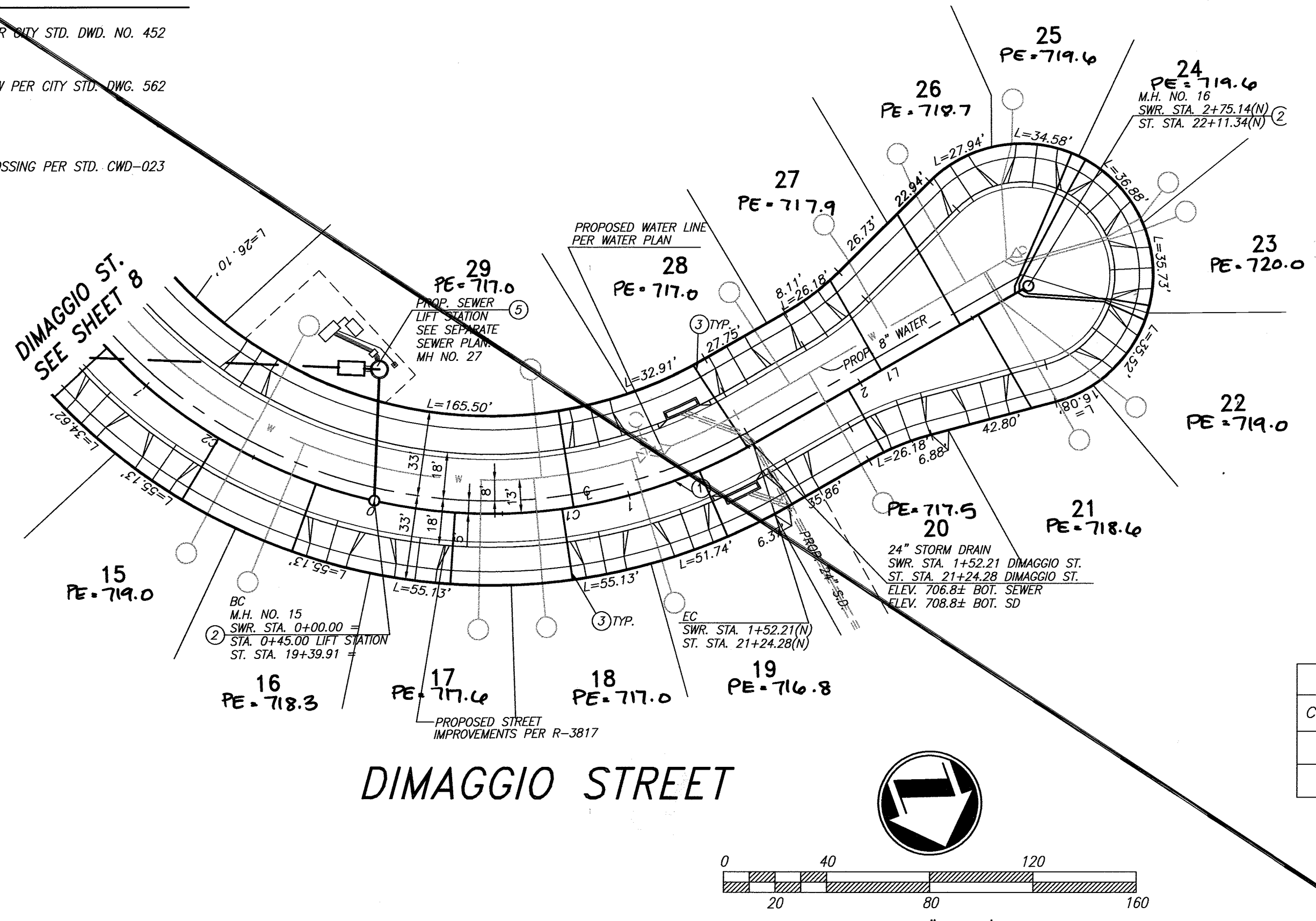
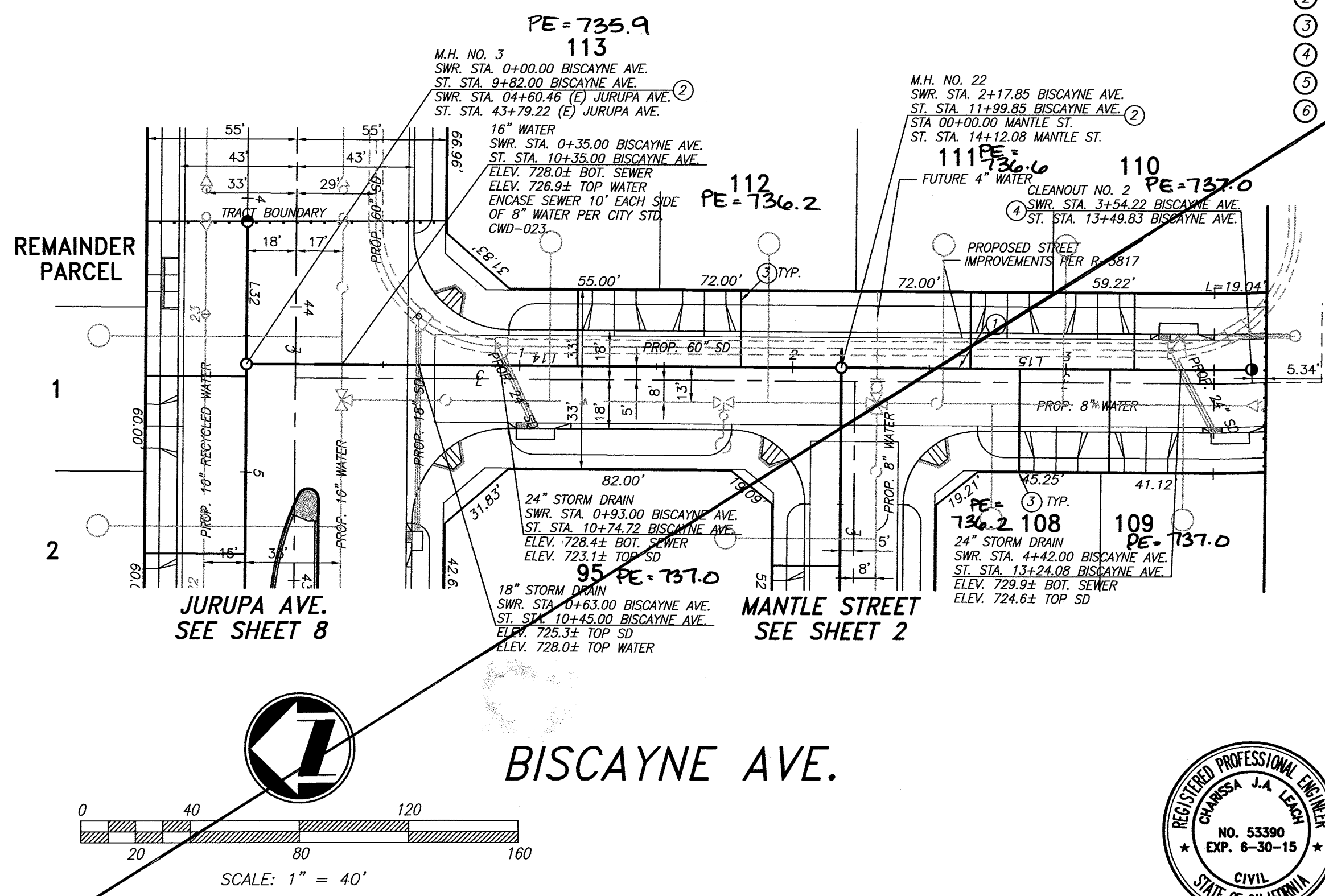


RIVERSIDE PUBLIC UTILITIES- WATER REVIEWED FOR CONFLICTS BY: <i>Matthew Boko</i> DATE: 7-17-2014		PLAN PREPARED BY: adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 698-0241 • FAX: (951) 343-9370 DATE: 6/30/14 UNDER THE SUPERVISION OF: <i>C.A.</i> P.C.E. 53390 6/30/14	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISLED "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEAST CORNER RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER. DATUM: 1929 ELEVATION: 726.212	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>MARK</th> <th>REVISIONS</th> <th>APPR.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	MARK	REVISIONS	APPR.	DATE					CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> ENGINEERING MANAGER CAPITAL PROJECTS DATE: 2/5/2015	SEWER PLAN AND PROFILE TRACT 28987 MANTLE STREET & KEATING DRIVE HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A J.N. 8489	PW13-0371 ACCOUNT NO. S-1868 SHEET 2 OF 10
MARK	REVISIONS	APPR.	DATE												



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 3. CONSTRUCT 4" P.V.C. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562
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SEE SHEET 3A



LINE TABLE

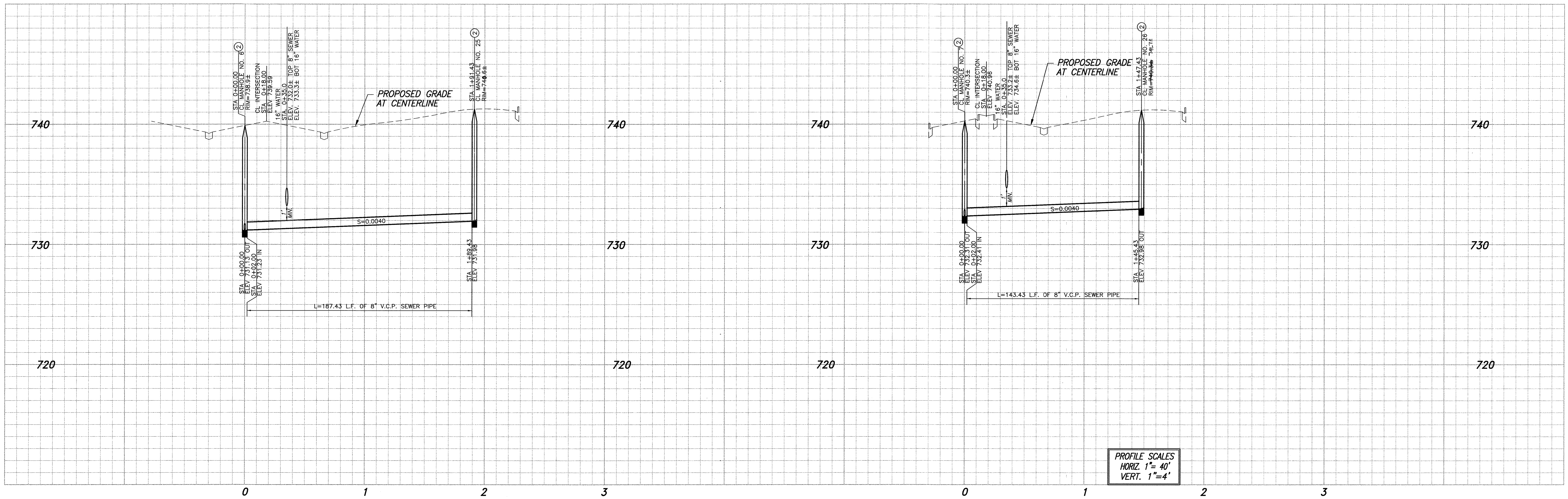
LINE	LENGTH	DIRECTION
L1	122.92	N82° 19' 56"E
L14	217.85	N0° 20' 34"E
L15	136.37	N0° 20' 34"E

CURVE TABLE

Curve #	LENGTH	RADIUS	DELTA	TAN
C1	152.21	205.00	42°32'34"	79.81
C2	123.38	205.00	34°29'05"	63.62



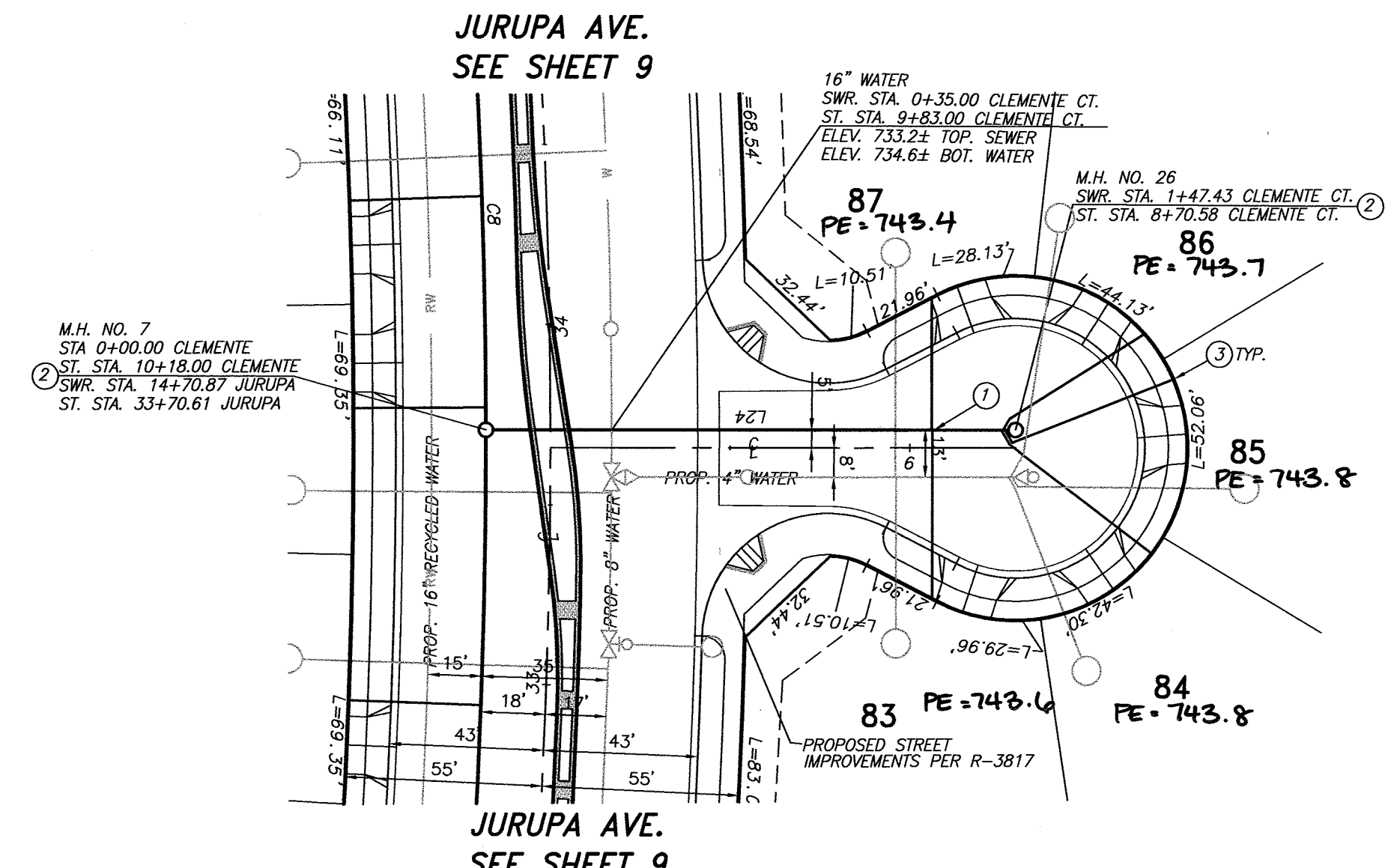
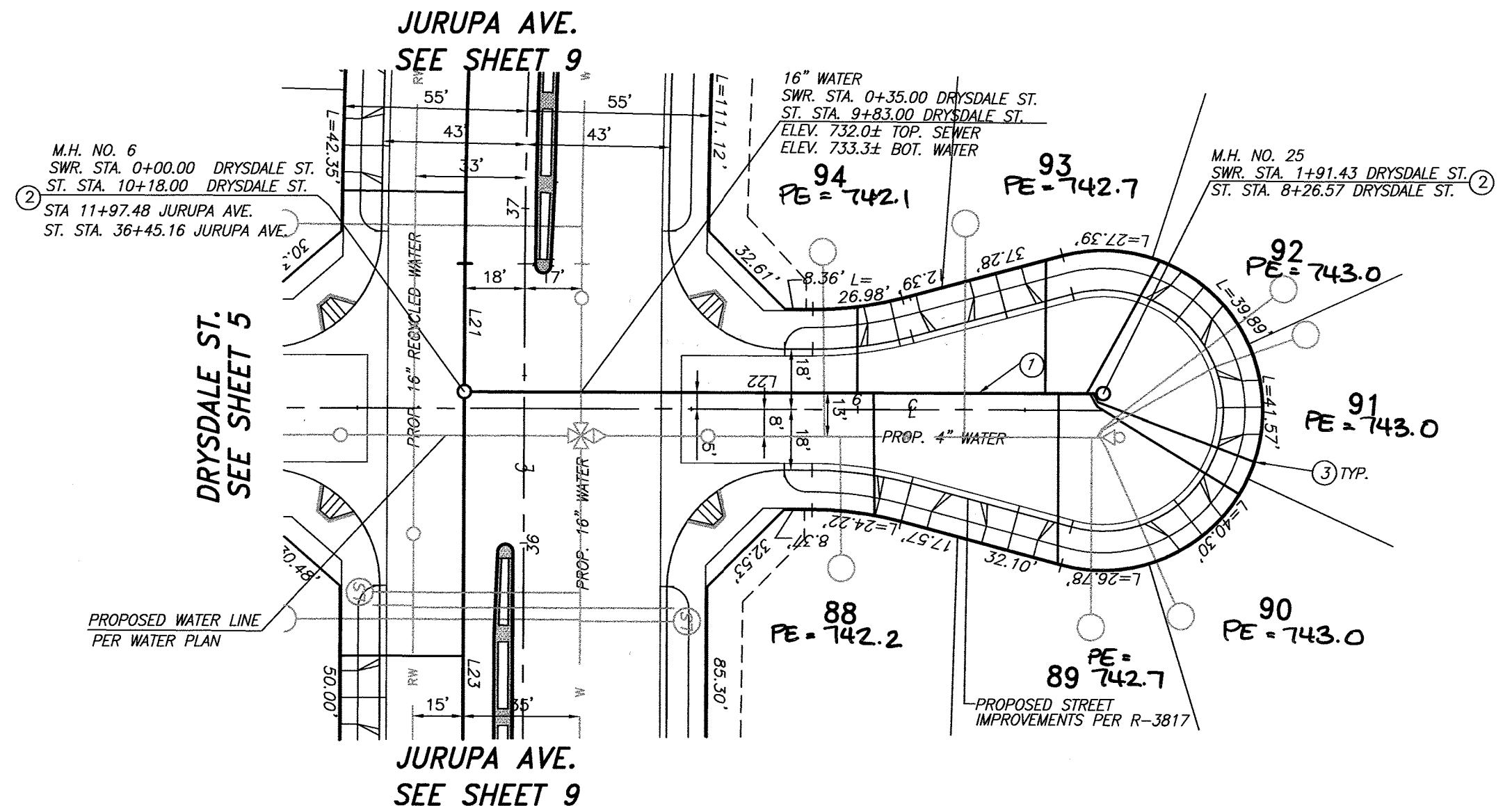
RIVERSIDE PUBLIC UTILITIES- WATER Know what's below. Call before you dig.	adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 688-0241 FAX: (951) 343-9370 DATE: 6/30/14 UNDER THE SUPERVISION OF: R.C.E. 53390 8/30/15	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISLED "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTERLY CURB RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER. DATUM: 1929 ELEVATION: 726.212	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: [Signature] ENGINEERING MANAGER CAPITAL PROJECTS DATE: 2/5/2015	APPROVED BY: [Signature] CITY ENGINEER / P.W. DIRECTOR DATE: 2/5/2015	PW13-0371
					SEWER PLAN AND PROFILE TRACT 28987 BISCAYNE AVENUE & DIMAGGIO STREET HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A J.N. 8489



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

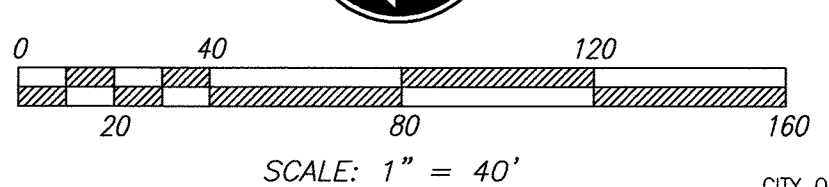
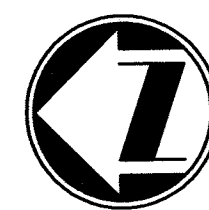
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LINE	LENGTH	DIRECTION
L22	191.43	N9° 08' 41"W
L24	147.43	N5° 46' 21"W

DRYSDALE STREET

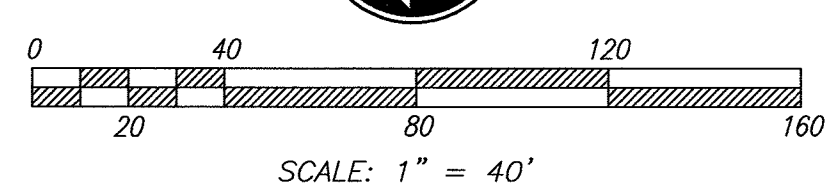


SCALE: 1" = 40'



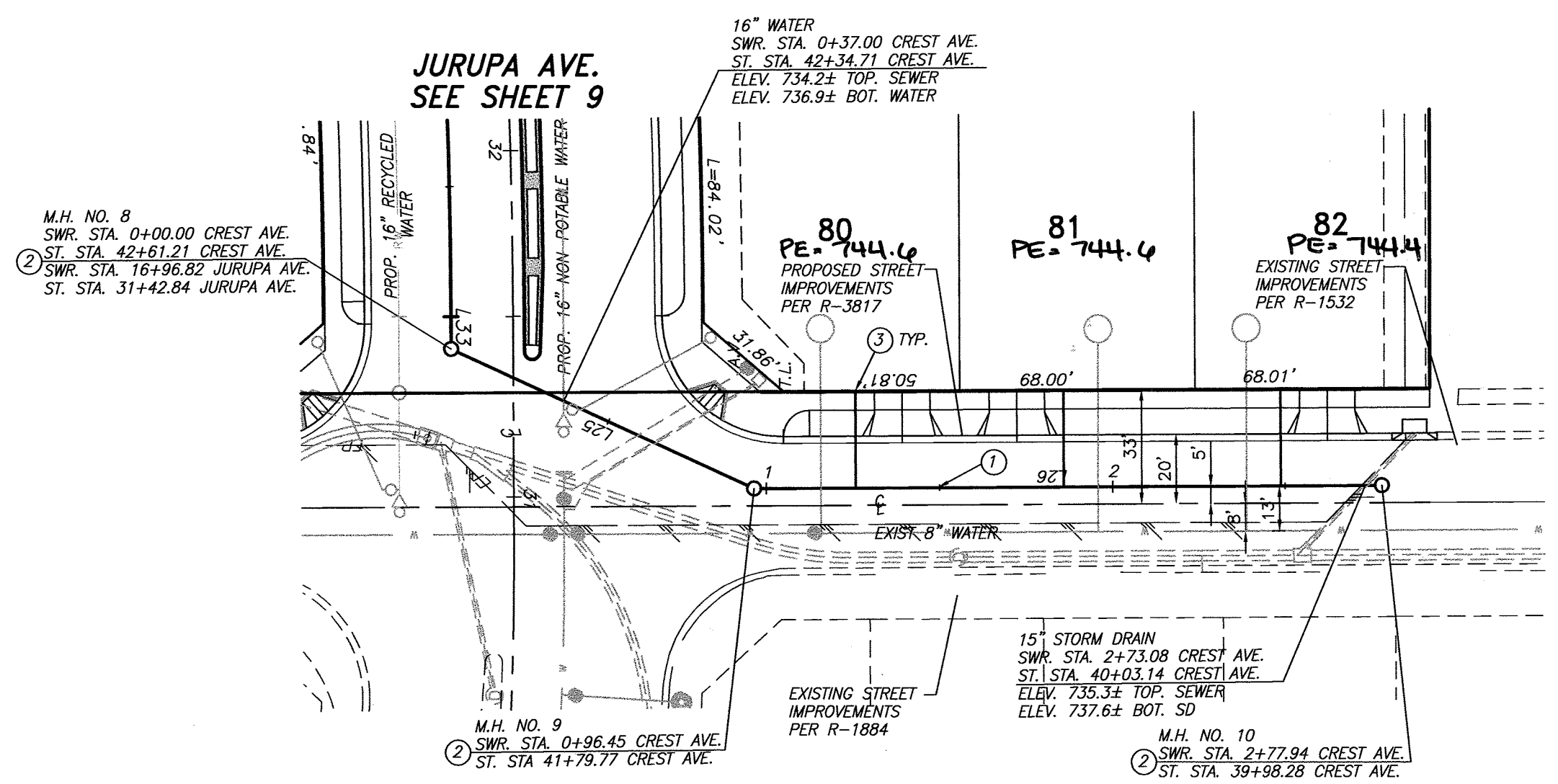
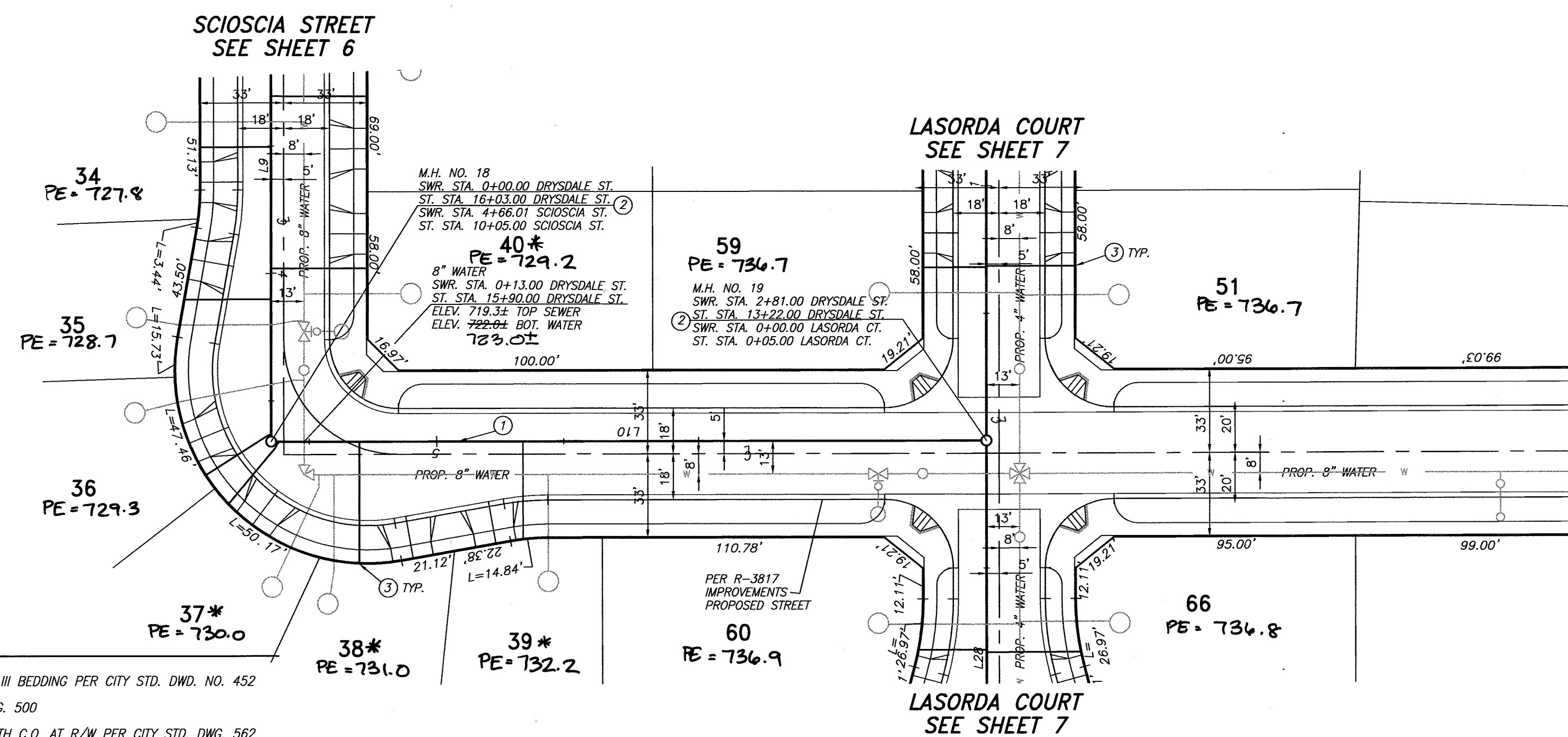
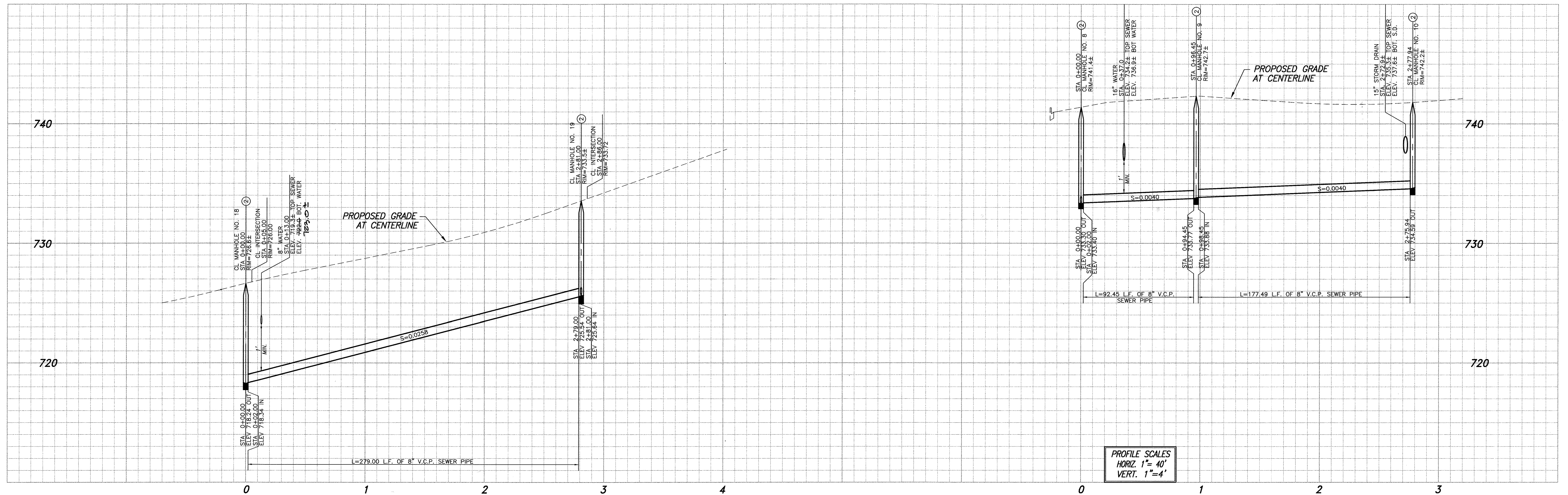
CITY OF RIVERSIDE BUSINESS TAX ACCT. #058833 EXP. 1/1/15

CLEMENTE COURT



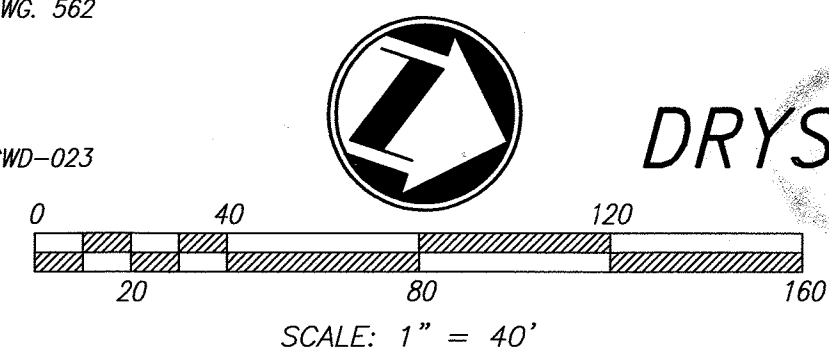
SCALE: 1" = 40'

RIVERSIDE PUBLIC UTILITIES- WATER REVIEWED FOR CONFLICTS BY: <i>Matthew Bly</i> DATE: 7-17-2014		adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6679 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 698-0241 FAX: (951) 343-9370 DATE: 6/30/14 UNDER THE SUPERVISION OF: R.C.E. 53390 6/30/15	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISLED "X" IN THE TOP OF EASTERY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTLY CORNER RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER. DATUM: 1929 ELEVATION: 726.212 DESIGNED BY: Rick DRAWN BY: Rick CHECKED BY: C-	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> DATE: 2/5/2015 ENGINEERING MANAGER: <i>[Signature]</i> CAPITAL PROJECTS CITY ENGINEER P.W. DIRECTOR	SEWER PLAN AND PROFILE TRACT 28987 DRYSDALE STREET & CLEMENTE COURT HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A	PW13-0371 ACCOUNT NO. S-1868 SHEET 4 OF 10 J.N. 8489
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CONSTRUCTION NOTES:

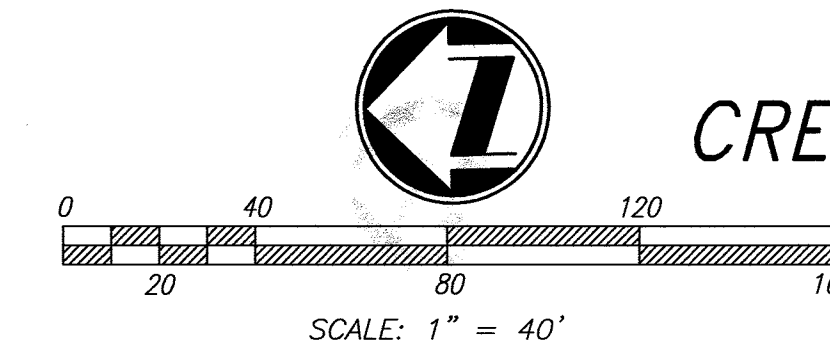
- 1 CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
 - 2 CONSTRUCT MANHOLE PER CITY STD. DWG. 500
 - 3 CONSTRUCT 4" V.C.P. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562
 - 4 CONSTRUCT 8" CLEANOUT PER CITY STD. DWG. 560
 - 5 8" DIA. WET WELL PER FORCE SEWER MAIN PLANS
 - 6 ENCASE SEWER FOR 20' CENTERED ON WATER LINE CROSSING PER STD. CMD-023
- * Designates sewer backflow preventer is required.



DRYSDALE STREET



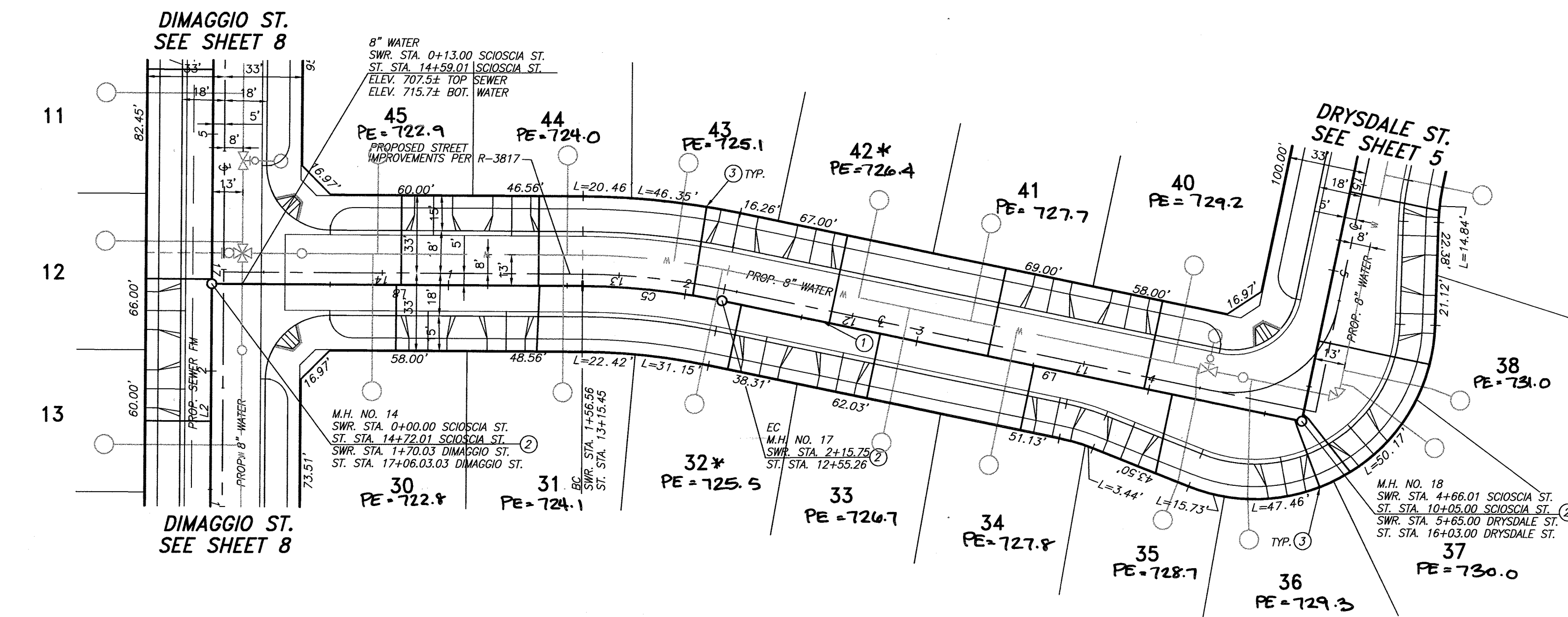
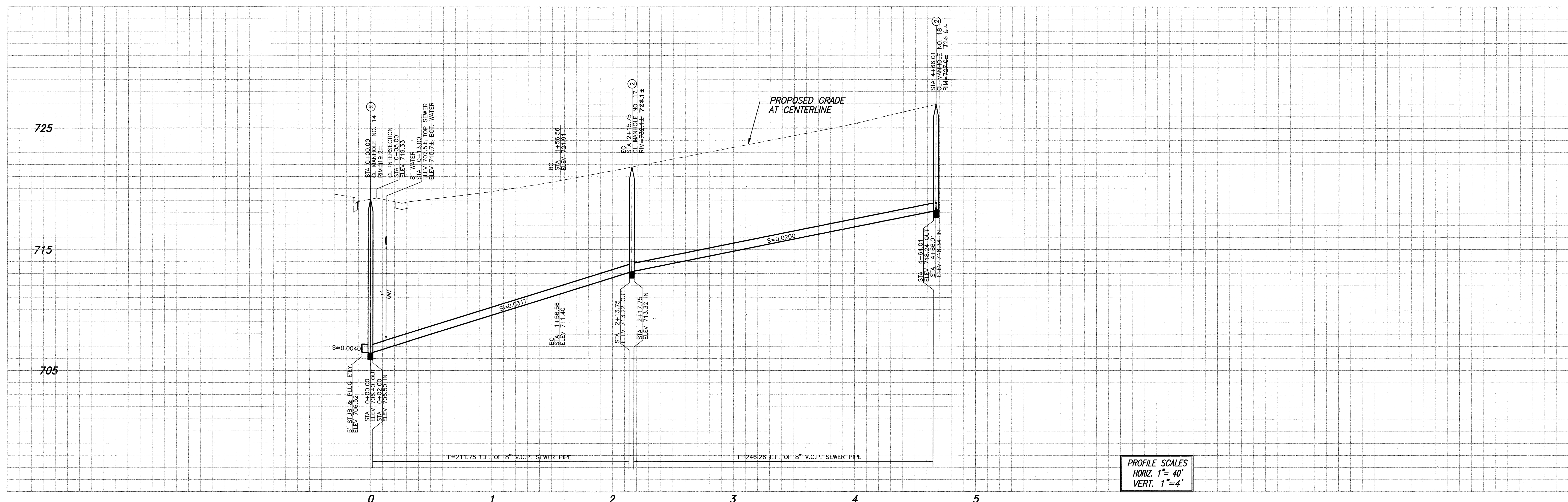
LINE TABLE		
LINE	LENGTH	DIRECTION
L9	250.26	N80° 51' 19"E
L10	281.00	N9° 08' 41"W
L25	96.45	N25° 19' 33"E
L26	181.49	N0° 21' 46"E



CREST AVENUE

CITY OF RIVERSIDE BUSINESS TAX ACCT. #058833 EXP. 1/1/15

<p>RIVERSIDE PUBLIC UTILITIES- WATER</p> <p>Reviewed for Conflicts By: <i>Matthew B. Atz</i></p> <p>DATE: 7-17-2014</p>		<p>PLAN PREPARED BY:</p> <p>adkan ENGINEERS</p> <p>CIVIL ENGINEERING • SURVEYING • PLANNING</p> <p>6679 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 698-0241 FAX: (951) 343-9370</p> <p>DATE: 6/30/14 UNDER THE SUPERVISION OF: R.C.E. 53390 6/30/15</p>	<p>BENCHMARK: H3-D3</p> <p>CITY OF RIVERSIDE</p> <p>BENCH MARK TRANSFER: SET CHISLED "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTERN CURB RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD.</p> <p>H3-D3-TRANSFER</p> <p>DATE: 10/31/14</p> <p>ELEVATION: 726.212</p>	<p>MARK</p> <p>REVISIONS</p> <p>APPR. DATE</p> <p>DESIGNED BY: Rick DRAWN BY: Rick CHECKED BY: C-</p>	<p>CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: <i>[Signature]</i> DATE: 2/15/2015</p> <p>ENGINEERING MANAGER</p> <p>CAPITAL PROJECTS</p> <p>APPROVED BY: <i>[Signature]</i> DATE: 2/15/2015</p> <p>CITY ENGINEER / P.W. DIRECTOR</p>	<p>SEWER PLAN AND PROFILE</p> <p>TRACT 28987</p> <p>DRYSDALE STREET & CREST AVENUE</p> <p>HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A</p>	<p>PW13-0371</p> <p>ACCOUNT NO.</p> <p>S-1868</p> <p>SHEET 5 OF 10</p> <p>J.N. 8489</p>
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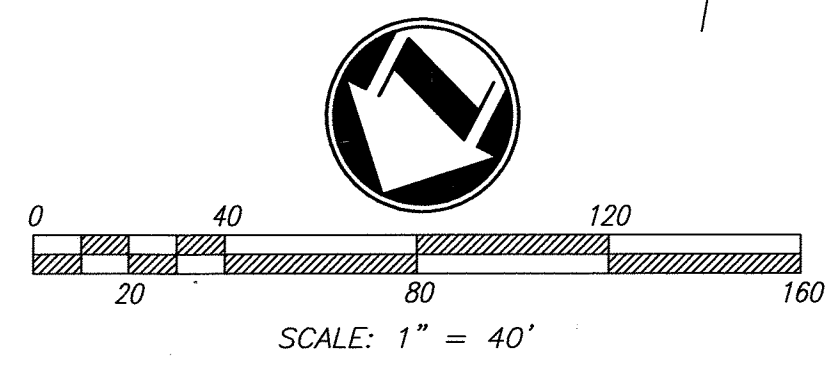


LINE TABLE		
LINE	LENGTH	DIRECTION
L2	113.51	N20° 38' 25"W
L8	156.56	N69° 21' 35"E
L9	250.26	N80° 51' 19"E
L10	130.22	N9° 08' 41"W

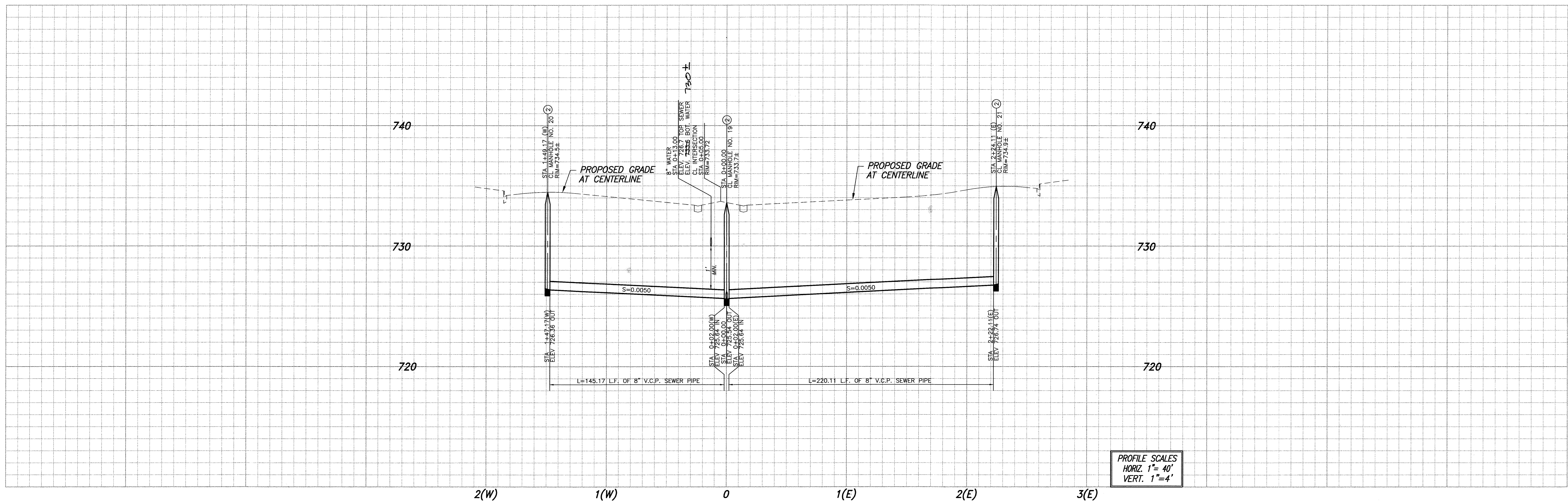
CURVE TABLE				
Curve #	LENGTH	RADIUS	DELTA	TAN
C5	59.19	295.00	11°29'44"	29.69

- CONSTRUCTION NOTES:**
- CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
 - CONSTRUCT MANHOLE PER CITY STD. DWG. 500
 - CONSTRUCT 4" V.C.P. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562A
 - CONSTRUCT 8" CLEANOUT PER CITY STD. DWG. 560
 - 8" DIA. WET WELL PER FORCE SEWER MAIN PLANS
 - ENCASE SEWER FOR 20" CENTERED ON WATER LINE CROSSING PER STD. CWD-023
- * Designates sewer backflow preventer is required.

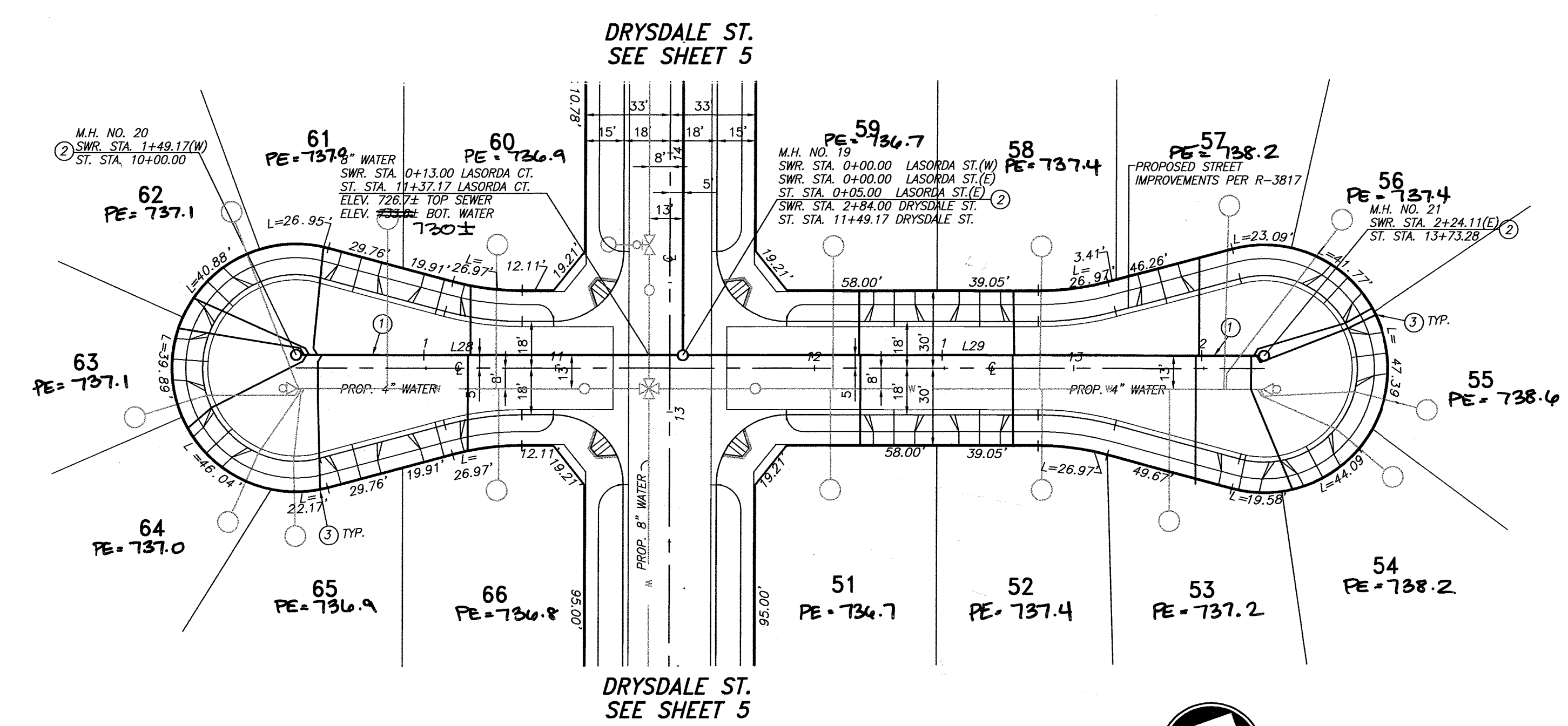
SCIOSCIA STREET



RIVERSIDE PUBLIC UTILITIES- WATER			adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 888-0241 FAX: (951) 343-9370 DATE: 6/30/14 UNDER THE SUPERVISION OF: P.C.E. 53390 6/30/14	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISEL "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTERLY CURB RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER. DATUM: 1929 ELEVATION: 726.212	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: [Signature] DATE: 2/4/15 ENGINEERING MANAGER: [Signature] CAPITAL PROJECTS APPROVED BY: [Signature] DATE: 2/5/2015 CITY ENGINEER / P.W. DIRECTOR		SEWER PLAN AND PROFILE TRACT 28987 SCIOSCIA STREET ACCOUNT NO. PW13-0371 S-1868 SHEET 6 OF 10 HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A J.N. 8489	
REVIEWED FOR CONFLICTS BY: [Signature] DATE: 7-17-2014	DESIGNED BY: Rick DRAWN BY: Rick CHECKED BY: C-				U:\Projects\Cox-FRA\Sewer Improvements\8489 Swr_06.dwg			



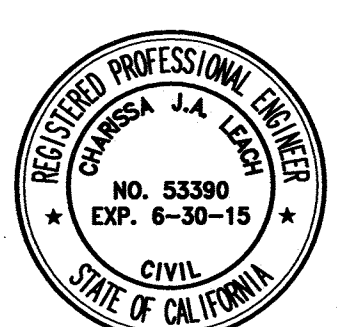
PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=4'



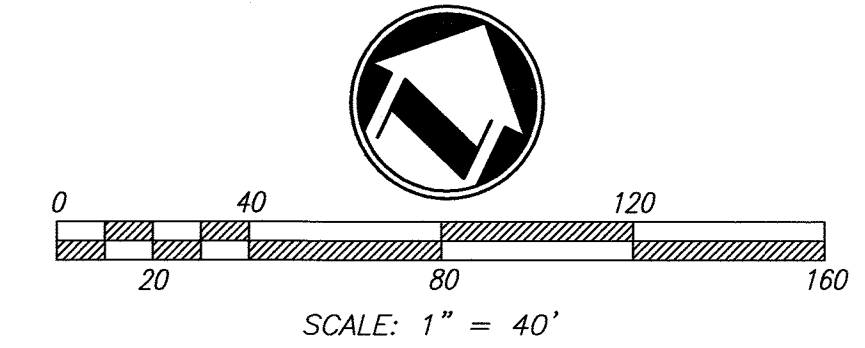
LINE TABLE		
LINE	LENGTH	DIRECTION
L28	149.17	N80° 51' 19"E
L29	224.11	N80° 51' 19"E

CONSTRUCTION NOTES:

- ① CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
- ② CONSTRUCT MANHOLE PER CITY STD. DWG. 500
- ③ CONSTRUCT 4" V.C.P. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562
- ④ CONSTRUCT 8" CLEANOUT PER CITY STD. DWG. 560
- ⑤ 8" DIA. WET WELL PER FORCE SEWER MAIN PLANS
- ⑥ ENCASE SEWER FOR 20' CENTERED ON WATER LINE CROSSING PER STD. CWD-023

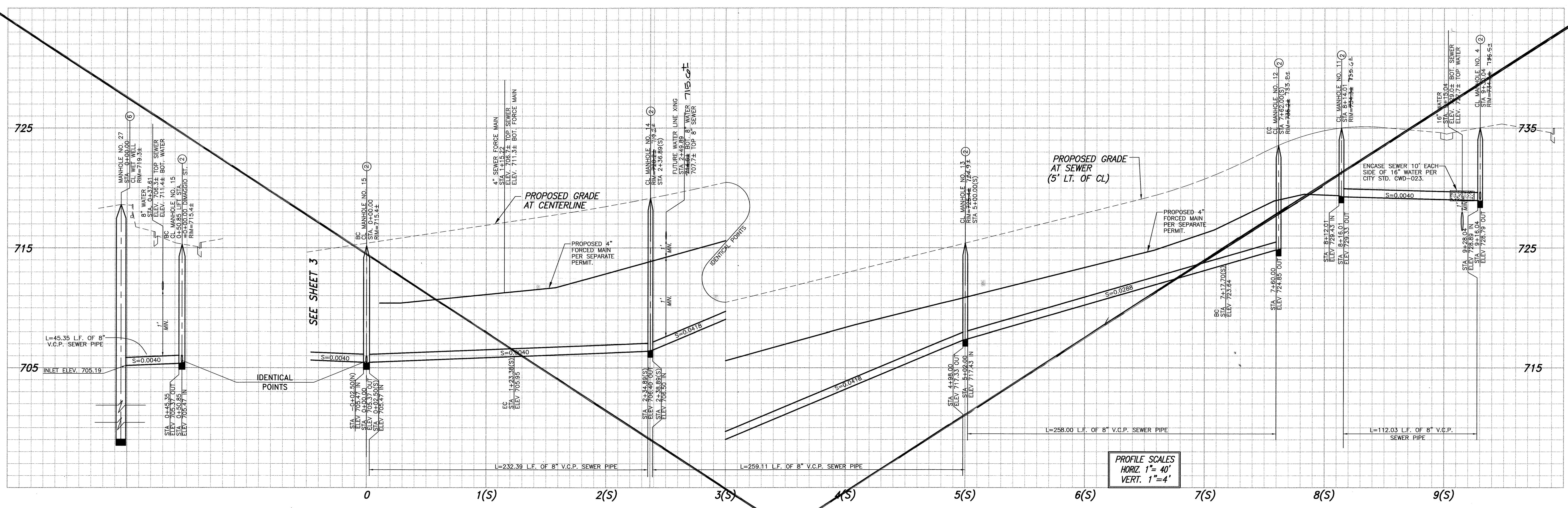


LASORDA COURT



CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP. 1/1/15

RIVERSIDE PUBLIC UTILITIES - WATER REVIEWED FOR CONFLICTS BY: <i>Matthew B. Adams</i> DATE: 7-17-2014		adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 688-0241 FAX: (951) 343-9370 DATE: 6/30/14 UNDER THE SUPERVISION OF: <i>[Signature]</i>	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISEL "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEAST CORNER RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER. DATUM: 1929 ELEVATION: 726.212	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> ENGINEERING MANAGER CAPITAL PROJECTS DATE: 2/5/2015	SEWER PLAN AND PROFILE TRACT 28987 LASORDA COURT HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A	PW13-0371 ACCOUNT NO. S-1868 SHEET 7 OF 10 J.N. 8489
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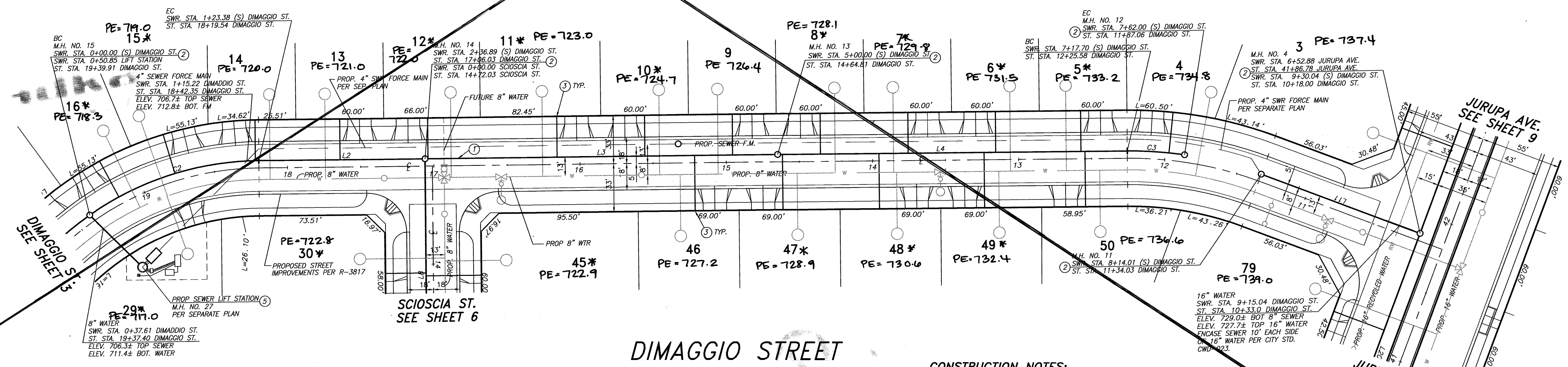


PROFILE SCALES
HORIZ. 1"=40'
VERT. 1"=4'

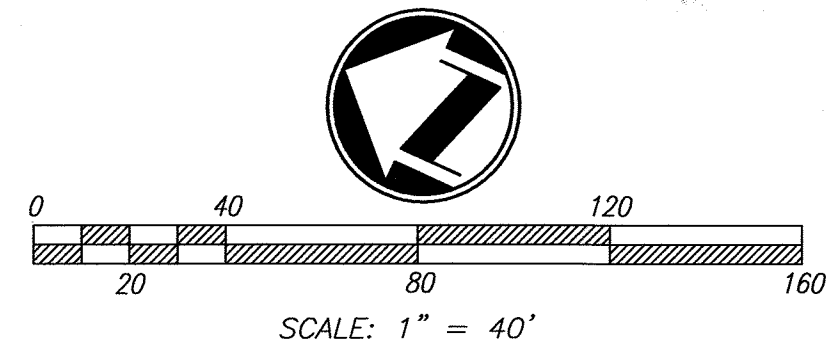
SEE SHEET 8A

LINE	LENGTH	DIRECTION
L2	113.51	N20° 38' 25"W
L3	241.22	N20° 38' 25"W
L4	239.22	N20° 38' 25"W
L8	156.56	N69° 21' 35"E
L11	116.03	N0° 20' 34"E

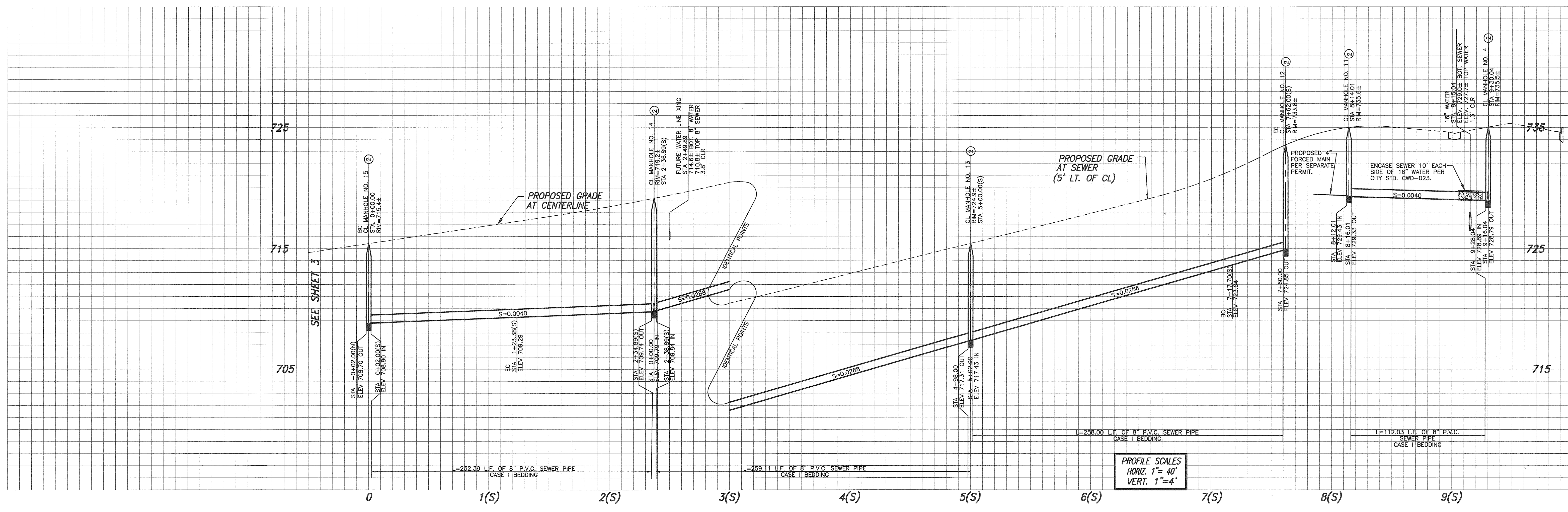
Curve #	LENGTH	RADIUS	DELTA	TAN
C2	123.38	205.00	34°29'05"	63.62
C3	39.29	255.00	8°49'40"	19.68



- CONSTRUCTION NOTES:**
- CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
 - CONSTRUCT MANHOLE PER CITY STD. DWG. 500
 - CONSTRUCT 4" V.C.P. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562A
 - CONSTRUCT 8" CLEANOUT PER CITY STD. DWG. 560
 - 8" DIA. WET WELL PER FORCE SEWER MAIN PLANS
 - ENCASE SEWER FOR 20' CENTERED ON WATER LINE CROSSING PER STD. CWD-023



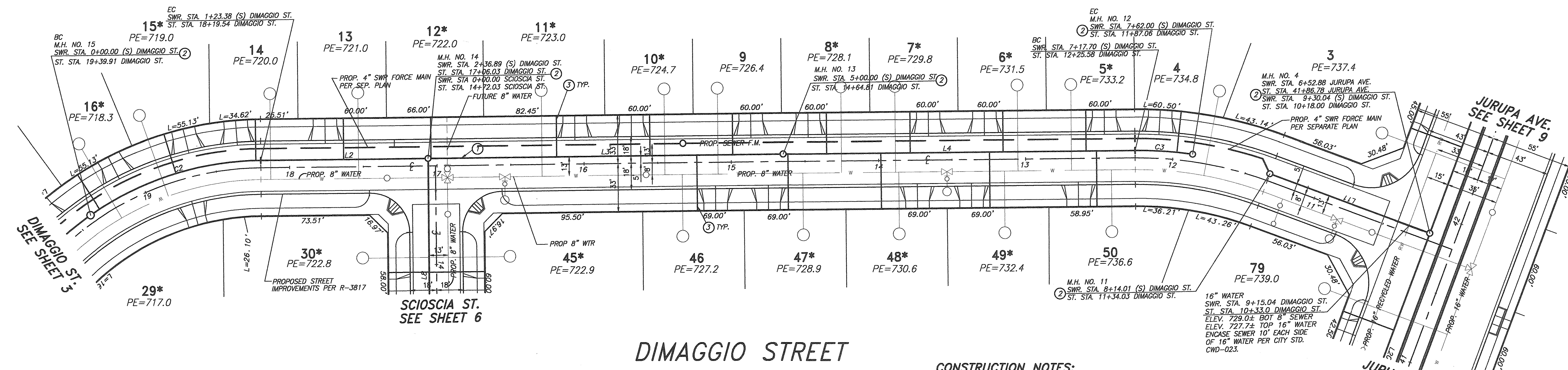
RIVERSIDE PUBLIC UTILITIES - WATER 	adkan ENGINEERS CIVIL ENGINEERING - SURVEYING - PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 688-0241 • FAX: (951) 343-9370 UNDER THE SUPERVISION OF: R.C.E. 53390 6/30/15	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISEL "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTLY CURB RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER.	DATUM: 1929 ELEVATION: 726.212	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: [Signature] ENGINEERING MANAGER CAPITAL PROJECTS DATE: 2/15/2015	SEWER PLAN AND PROFILE TRACT 28987 DIMAGGIO STREET HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A	PW13-0371 ACCOUNT NO.
						S-1868 SHEET 8 OF 10 J.N. 8489



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

LINE	LENGTH	DIRECTION
L2	113.51	N20° 38' 25"W
L3	241.22	N20° 38' 25"W
L4	239.22	N20° 38' 25"W
L8	156.56	N69° 21' 35"E
L11	116.03	N0° 20' 34"E

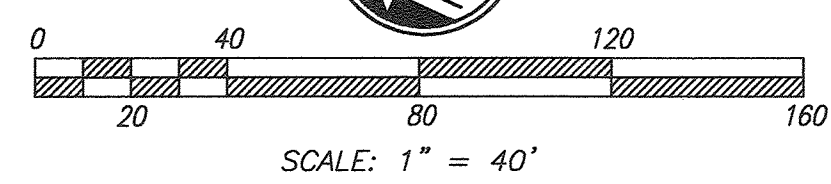
Curve #	LENGTH	RADIUS	DELTA	TAN
C2	123.38	205.00	34°29'05"	63.62
C3	39.29	255.00	8°49'40"	19.68



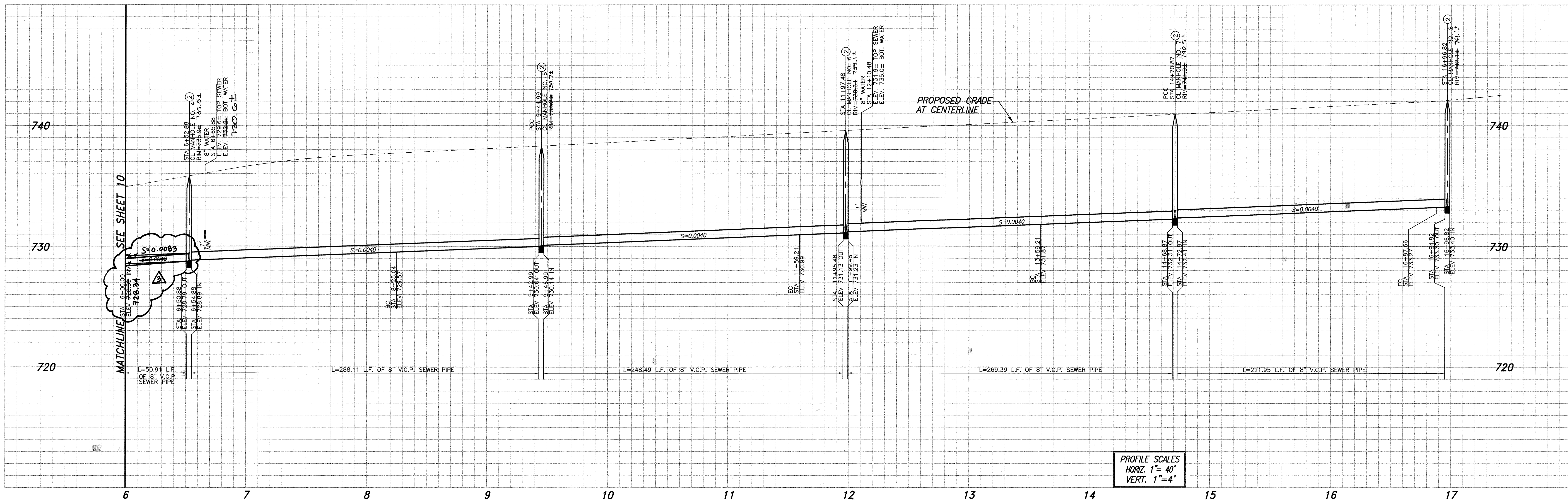
CONSTRUCTION NOTES:

- CONSTRUCT 8" P.V.C. SEWER PER CITY STD. DWG. NO. 452
- CONSTRUCT MANHOLE PER CITY STD. DWG. 500
- CONSTRUCT 4" P.V.C. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562A
- CONSTRUCT 8" CLEANOUT PER CITY STD. DWG. 560
- 8' DIA. WET WELL PER FORCE SEWER MAIN PLANS
- ENCASE SEWER FOR 20' CENTERED ON WATER LINE CROSSING PER STD. CWD-023

* Designates sewer backflow is required.

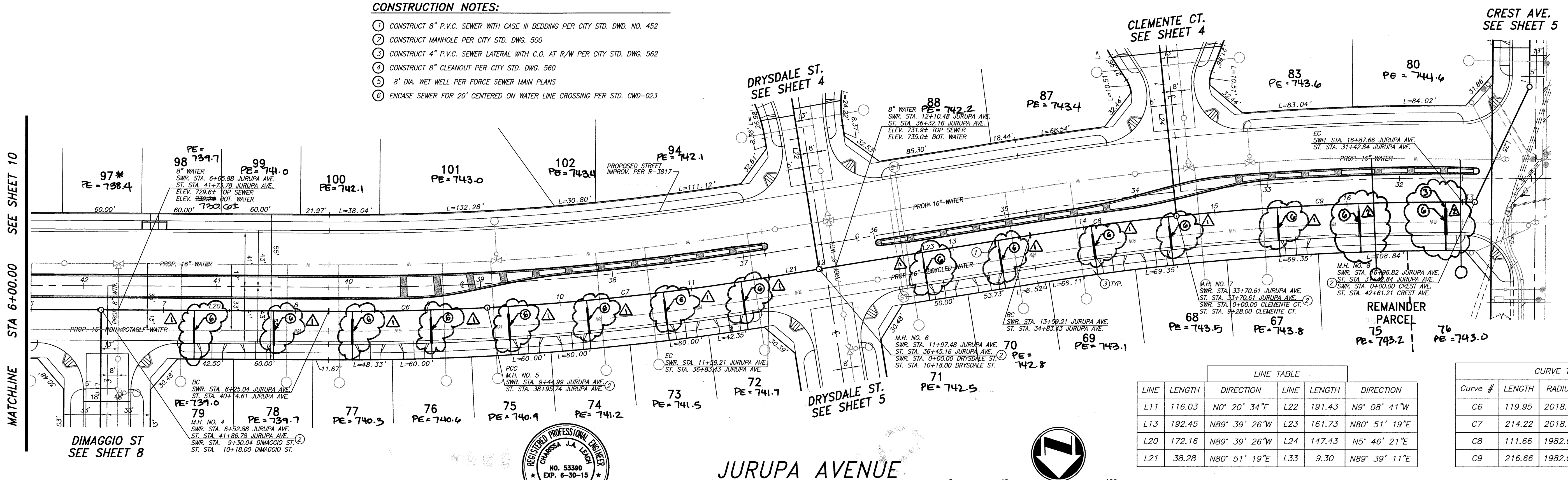


RIVERSIDE PUBLIC UTILITIES— WATER Know what's below. Call before you dig.	PLAN PREPARED BY: adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 519-1021 FAX: (951) 519-0370	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISEL "X" IN THE TOP OF EASTERY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTELY CURB RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER.	DATUM: 1929 ELEVATION: 726.212	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	SEWER PLAN AND PROFILE TRACT 28987 DIMAGGIO STREET	PW13-0371 ACCOUNT NO.
	REVIEWED FOR CONFLICTS BY: <i>[Signature]</i> DATE: 2/10/17	DATE: 10/2/17	APPROVED BY: <i>[Signature]</i> CITY ENGINEER / P.W. DIRECTOR	SHEET 8A OF 10	HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A	J.N. 8489



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

- CONSTRUCTION NOTES:**
- CONSTRUCT 8" P.V.C. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
 - CONSTRUCT MANHOLE PER CITY STD. DWG. 500
 - CONSTRUCT 4" P.V.C. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562
 - CONSTRUCT 8" CLEANOUT PER CITY STD. DWG. 560
 - 8" DIA. WET WELL PER FORCE SEWER MAIN PLANS
 - ENCASE SEWER FOR 20' CENTERED ON WATER LINE CROSSING PER STD. CWD-023

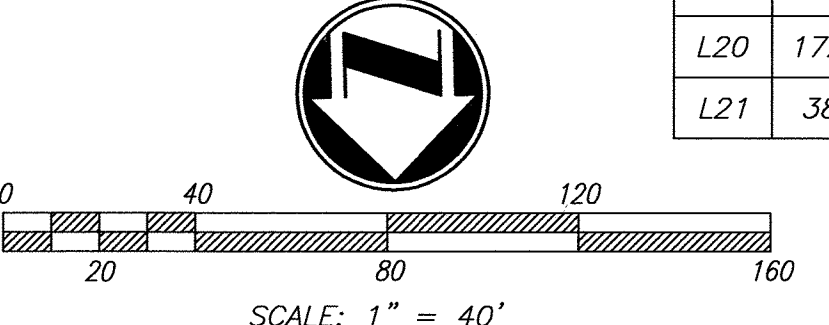


LINE TABLE					
LINE	LENGTH	DIRECTION	LINE	LENGTH	DIRECTION
L11	116.03	N0° 20' 34"E	L22	191.43	N9° 08' 41"W
L13	192.45	N89° 39' 26"W	L23	161.73	N80° 51' 19"E
L20	172.16	N89° 39' 26"W	L24	147.43	N5° 46' 21"E
L21	38.28	N80° 51' 19"E	L33	9.30	N89° 39' 11"E

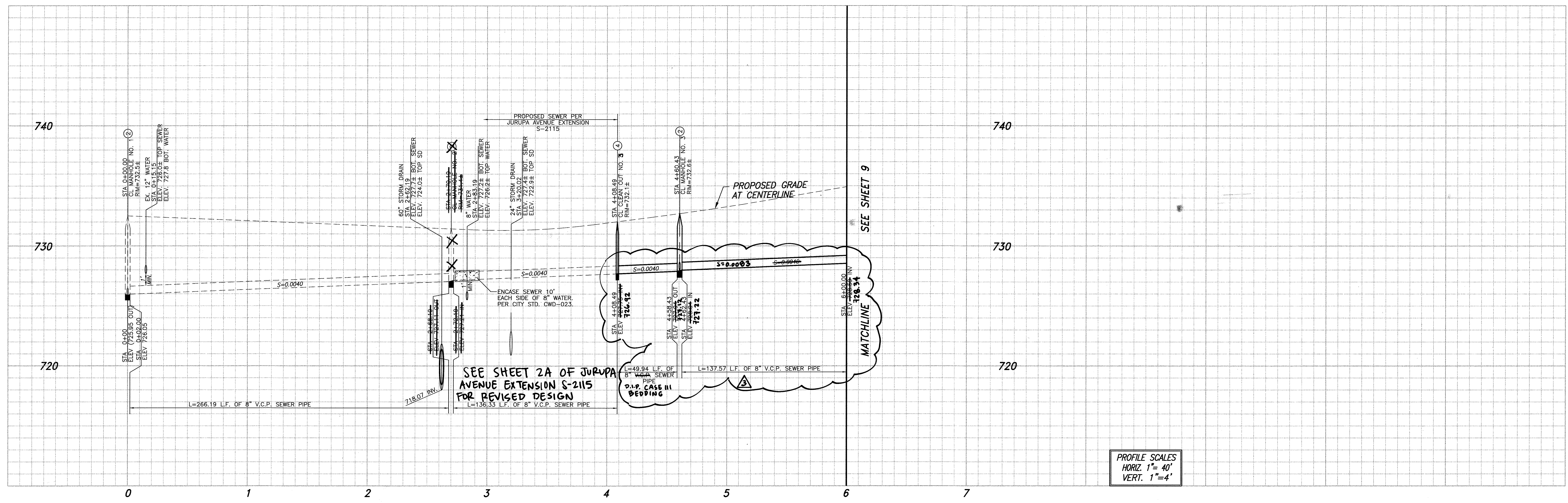
CURVE TABLE				
Curve #	LENGTH	RADIUS	DELTA	TAN
C6	119.95	2018.00	3°23'40"	59.79
C7	214.22	2018.00	6°04'56"	107.21
C8	111.66	1982.00	3°13'40"	55.84
C9	216.66	1982.00	6°15'48"	108.43



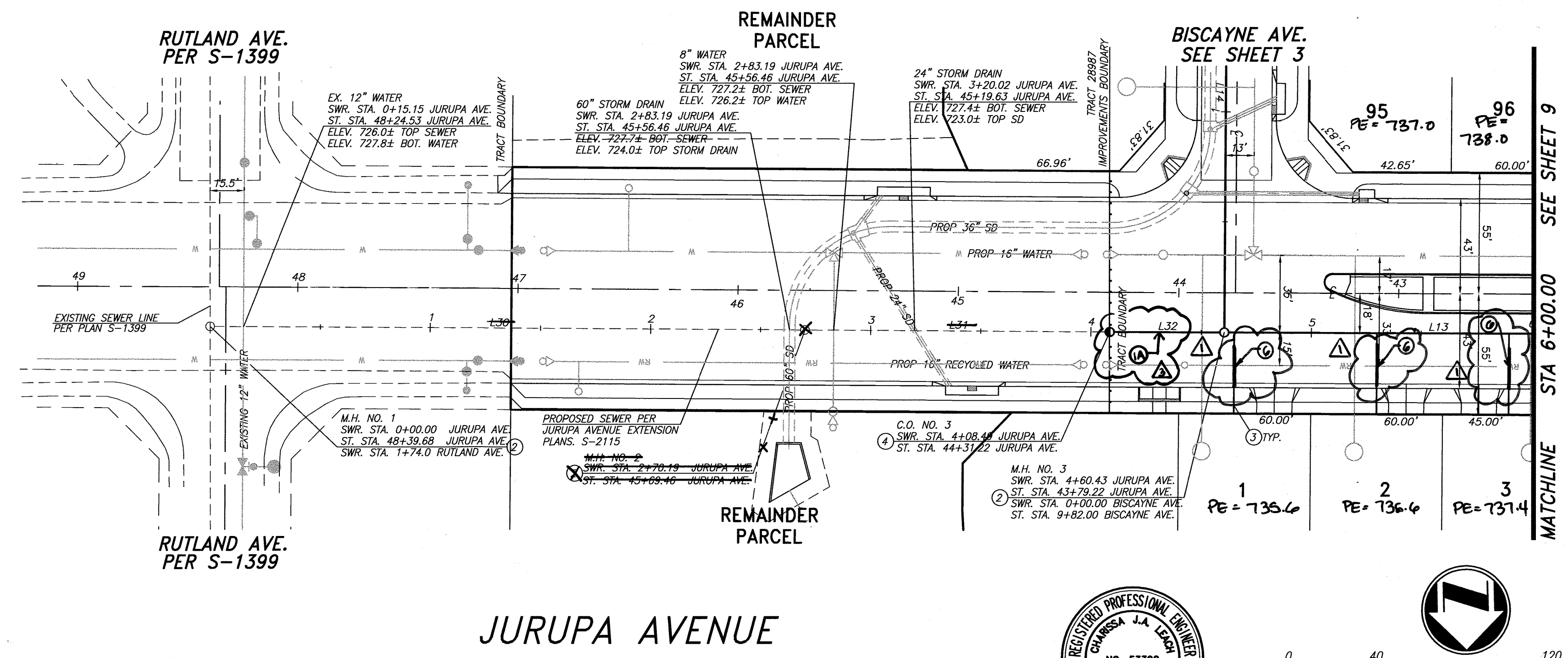
JURUPA AVENUE



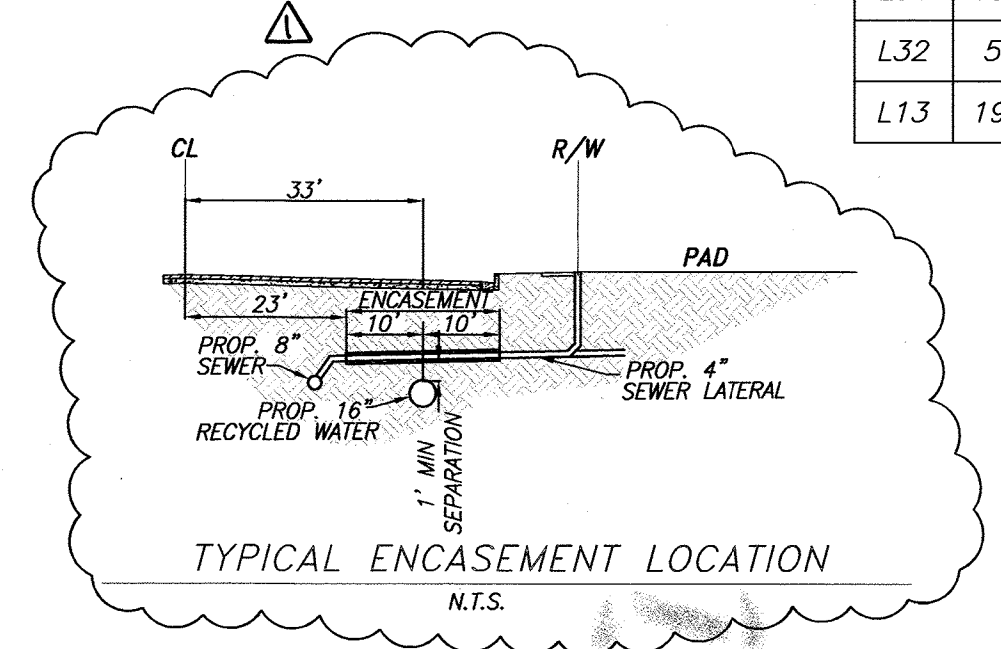
RIVERSIDE PUBLIC UTILITIES- WATER Matthew Raley REVIEWED FOR CONFLICTS BY: DATE: 7-17-2014		PLAN PREPARED BY: adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6879 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 688-0241 • FAX: (951) 343-9370 DATE: 6/30/14 UNDER THE SUPERVISION OF: P.C.E. 53390 6/30/14	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISLED "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTELY CURB RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER. DATUM: 1929 ELEVATION: 726.212	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: [Signature] DATE: 7/16/14 ENGINEERING MANAGER CAPITAL PROJECTS APPROVED BY: [Signature] DATE: 2/5/2015 CITY ENGINEER / P.W. DIRECTOR	SEWER PLAN AND PROFILE TRACT 28987 JURUPA AVENUE STA. 6+00 TO STA. 16+96.82 HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A	PW13-0371 ACCOUNT NO.
						S-1868 SHEET 9 OF 10 J.N. 8489



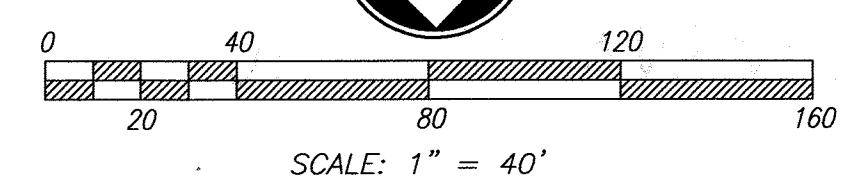
PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=4'



LINE TABLE		
LINE	LENGTH	DIRECTION
L30	270.19	N89° 39' 26"W
L31	138.30	N89° 39' 26"W
L32	51.94	N89° 39' 26"W
L13	192.45	N89° 39' 26"W



- CONSTRUCTION NOTES:**
- CONSTRUCT 8" P.V.C. SEWER WITH CASE III BEDDING PER CITY STD. DWD. NO. 452
 - CONSTRUCT MANHOLE PER CITY STD. DWG. 500
 - CONSTRUCT 4" P.V.C. SEWER LATERAL WITH C.O. AT R/W PER CITY STD. DWG. 562
 - CONSTRUCT 8" CLEANOUT PER CITY STD. DWG. 560
 - 8" DIA. WET WELL PER FORCE SEWER MAIN PLANS
 - ENCASE SEWER FOR 20' CENTERED ON WATER LINE CROSSING PER STD. CWD-023
 - CONSTRUCT 6" D.I.P. C-350 SEWER CASE III BEDDING PER CITY STD. NO. 452



RIVERSIDE PUBLIC UTILITIES- WATER			adkan ENGINEERS CIVIL ENGINEERING • SURVEYING • PLANNING 6579 AIRPORT DRIVE, RIVERSIDE, CA 92504 TEL: (951) 688-0241 • FAX: (951) 343-9370 DATE: 6/30/15 UNDER THE SUPERVISION OF: R.C.E. 53390	BENCHMARK: H3-D3 CITY OF RIVERSIDE BENCH MARK TRANSFER: SET CHISLED "X" IN THE TOP OF EASTERLY BASE BOLT OF AN 18" DIAMETER TRAFFIC SIGNAL POLE AT THE NORTHEASTERLY CURB RETURN OF JURUPA AVENUE AND VAN BUREN BOULEVARD. H3-D3-TRANSFER. DATUM: 1929 ELEVATION: 726.212	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: [Signature] DATE: 6/15/15 ENGINEERING MANAGER: [Signature] DATE: 6/15/15 CAPITAL PROJECTS		SEWER PLAN AND PROFILE TRACT 28987 JURUPA AVENUE STA. 0+00 TO STA. 6+00 HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A		PW13-0371 ACCOUNT NO.
REVIEWED FOR CONFLICTS BY: [Signature] DATE: 7-7-2014	DESIGNED BY: Rick DRAWN BY: Rick CHECKED BY: C-				APPROVED BY: [Signature] DATE: 2/5/2015 CITY ENGINEER / P.W. DIRECTOR		SHEET 10 OF 10 J.N. 8489		