

SEWER GENERAL NOTES:

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-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.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- WHEN A PORTION OF THE WORK IS TO BE DONE BY THE CITY, THE DEVELOPER AND/OR CONTRACTOR SHALL GIVE THE CITY 60-DAYS NOTICE SO THAT THE DEVELOPER'S WORK AND THE CITY'S WORK CAN BE PROPERLY COORDINATED. THE DEVELOPER SHALL PREPARE AND COMPACT THE SUBGRADE TO ELEVATIONS WITHIN ± .1' OF THE DESIGN ELEVATIONS AND SHALL BE RESPONSIBLE FOR THE CONDITION OF THE SUBGRADE UNTIL ACCEPTED BY THE CITY. THE DEVELOPER SHALL ALSO BE RESPONSIBLE FOR ANY BARRICADING DURING THIS TIME.
- THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DEPARTMENT 30 DAYS PRIOR TO BEGINNING CONSTRUCTION TO NEGOTIATE THE COST OF THE CITY'S PORTION OF THE WORK.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 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.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO, WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
- A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- PIPES JOINTS FOR VITRIFIED CLAY PIPE SHALL BE TYPE "G" 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 AND/OR CONTRACTOR IS RESPONSIBLE FOR PERFORMING A VIDEO INSPECTION OF ALL NEW SEWER FACILITIES TO BE PUBLICLY OWNED AND MAINTAINED 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.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.

ABBREVIATIONS

AB	AGGREGATE BASE	INV	INVERT
AC	ASPHALT CONCRETE	LF	LINEAR FEET
BC	BEGINNING OF CURVE	LS	LUMP SUM
BDY	BOUNDARY	MH	MANHOLE
BDRY	BOUNDARY	MSE	MECHANICALLY STABILIZED EARTH
BOP	BOTTOM OF PIPE	N.A.P.	NOT A PART
BVC	BEGIN VERTICAL CURVE	PAD	PAD ELEVATION
BW	BACK OF WALK	PL	PROPERTY LINE
CATV	CABLE TELEVISION	PP	POWER POLE
CB	CATCH BASIN	PVI	POINT OF VERTICAL INTERSECTION
CF	CURB FACE	RD	ROAD
CL	CENTER LINE	RD	RISER DIAMETER
CSP	CORRUGATED STEEL PIPE	RG	ROUGH GRADE
CY	CUBIC YARDS	R/W	RIGHT-OF-WAY
D/L	DAYLIGHT	SDMH	STORM DRAIN MANHOLE
EC	END OF CURVE	SF	SQUARE FEET
E	EACH	SW	SIDEWALK
ELEV	ELEVATION	SS	SEWER
EP	EDGE OF PAVEMENT	SMH	SEWER MANHOLE
ESMT	EASEMENT	ST	STATION
EVC	END VERTICAL CURVE	T	TELEPHONE
EXIST	EXISTING	TB	TOP OF BERM
()	EXISTING ELEVATION	TC	TOP OF CURB (CONCRETE)
FF	FINISH FLOOR ELEVATION	TF	TOP OF FOOTING
FH	FIRE HYDRANT	TG	TOP OF GRATE
FG	FINISHED GROUND (LANDSCAPING)	TP	TOP OF PIPE
FL	FLOWLINE	TR	TRACT
FS	FINISHED SURFACE (ASPHALT)	TR	TOP OF RISER
G	NATURAL GAS	TRW	TOP OF RETAINING WALL
GB	GRADE BREAK	TCD	TOP OF CHECK DAM
GR	GRADING	TW	TOP OF WALL
HP	HIGH POINT	W	WATER

LEGEND

①	CONSTRUCTION NOTE
63	LOT NUMBER
LOT "A"	LETTERED LOT
---	LOT LINE
---	TRACT BOUNDARY
SD	PROPOSED SD
W	PROPOSED WATER
S	PROPOSED SEWER
○	MANHOLE
---	SEWER SERVICE

REFERENCE PLANS

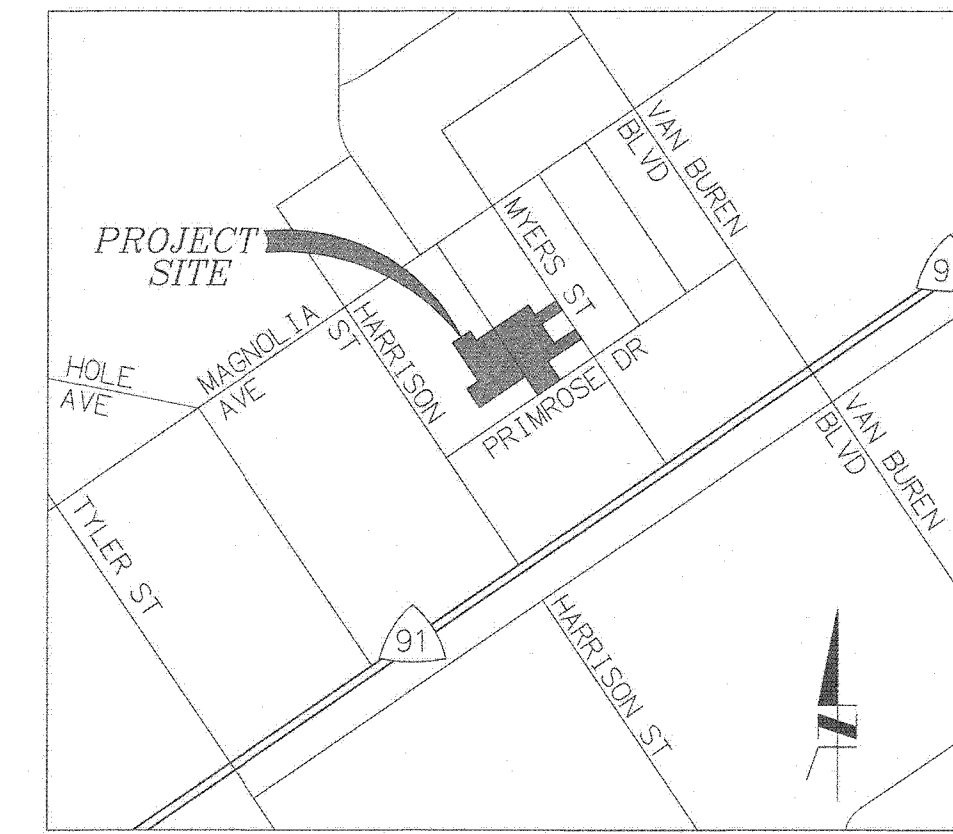
WATER	PW18-0224 & D5-1905106
STORM DRAIN	PW18-0520 & D-899 & D-900
STREET	PW18-0518 & R-4458 & R-4459

BENCHMARK

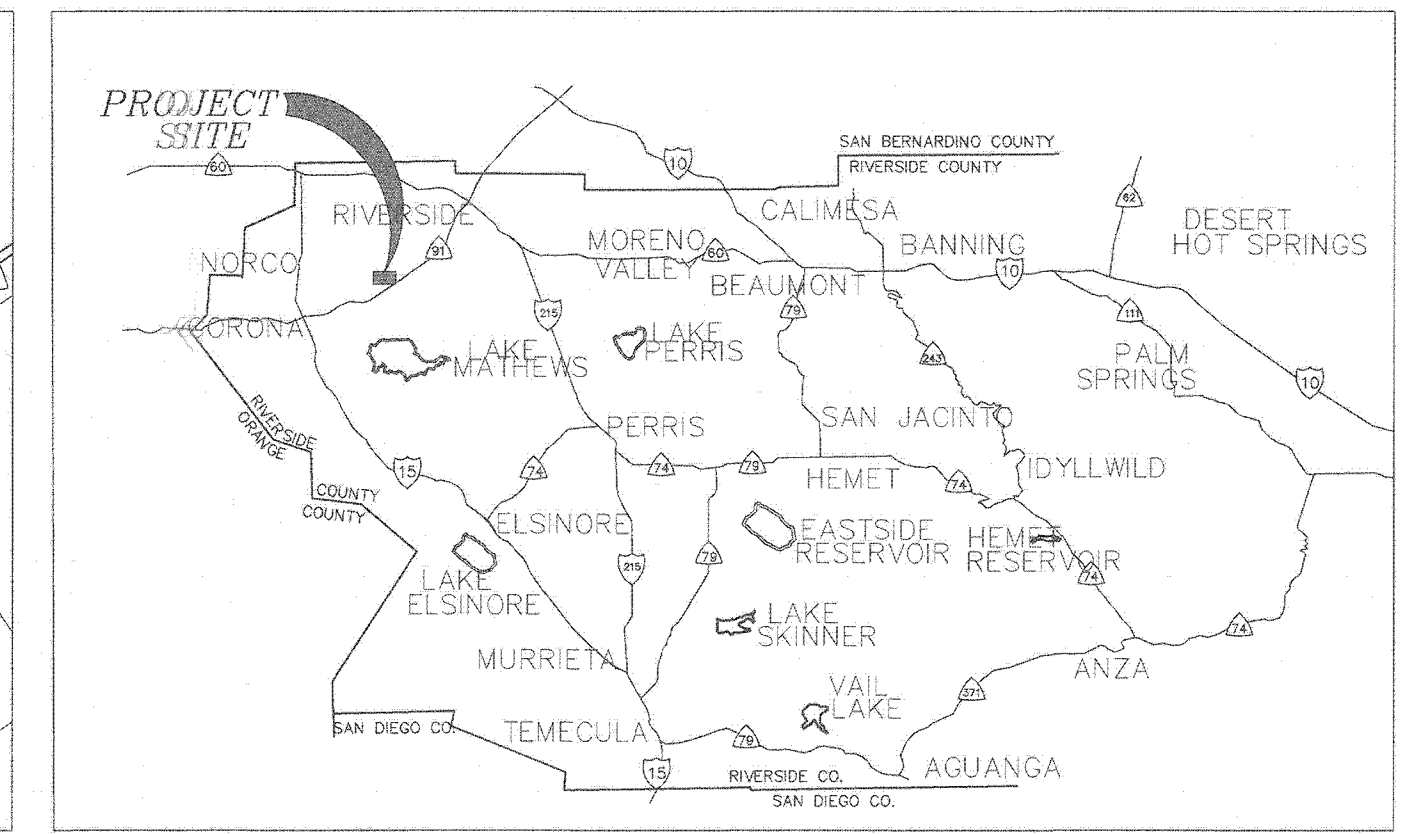
DESIGNATION: NGS DX2781 (ALSO RIV. CO. BM 0-38)
 DESCRIPTION: AT ARLINGTON, RIVERSIDE COUNTY, AT THE INTERSECTION OF MAGNOLIA AND ROOSEVELT STREETS AT THE ARLINGTON BRANCH OF THE RIVERSIDE PUBLIC LIBRARY, ON THE EAST SIDE OF THE MAIN ENTRANCE, AND ABOUT 1 FOOT ABOVE THE GROUND. A STANDARD DISK, STAMPED O 38 1924.

ELEVATION: (NAVD88) 790.82 FEET

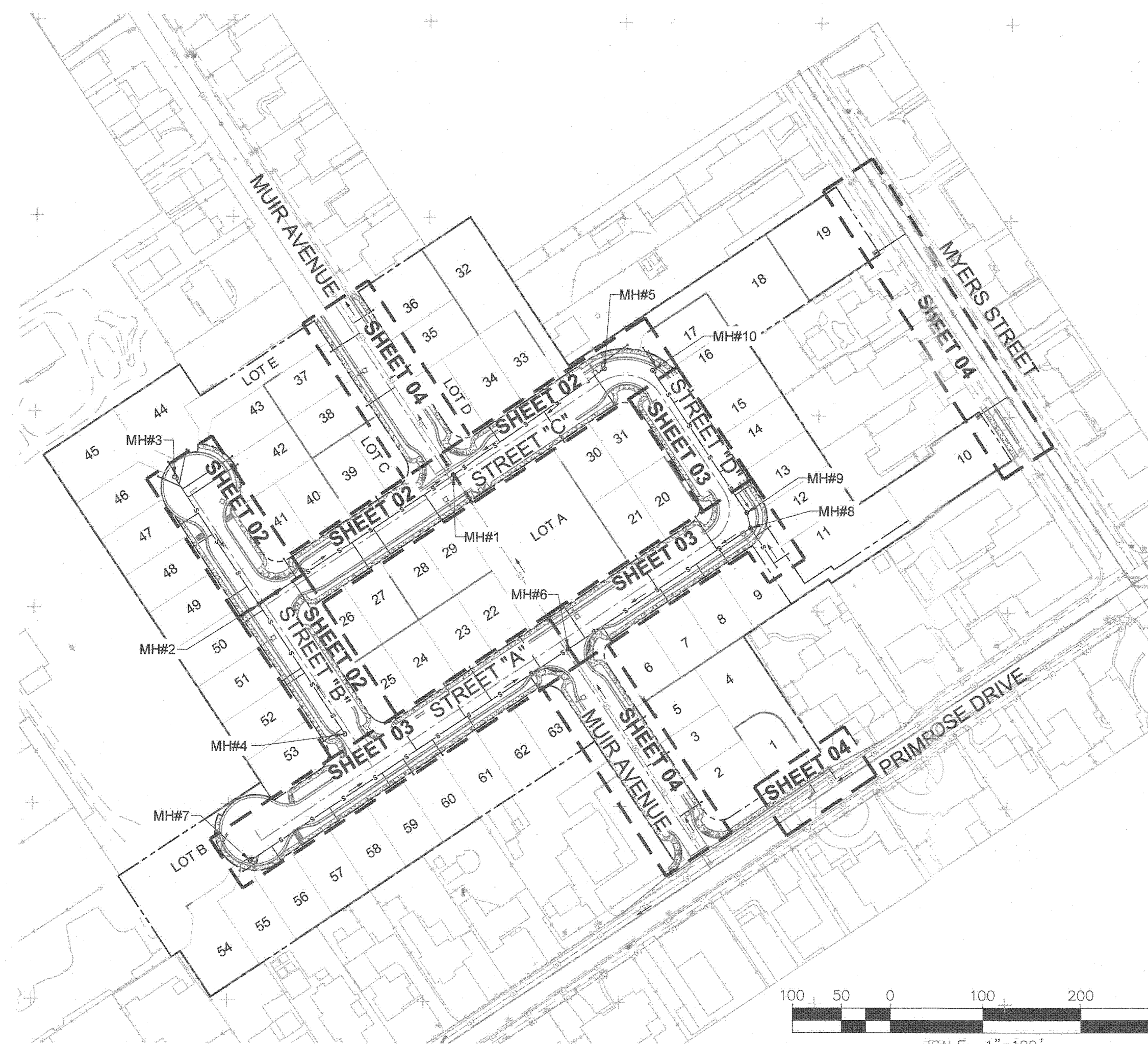
**CITY OF RIVERSIDE, CALIFORNIA
 SEWER CONSTRUCTION PLANS
 FOR THE CONSTRUCTION OF
 PRIMROSE RESIDENTIAL
 TRACT NO. 37219**



LOCATION MAP



VICINITY MAP



INDEX MAP

SCALE: 1"=100'

NOTICE TO CONTRACTORS:

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS, AND THOSE SHOWN ON THE RECORDS EXAMINED, ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THOSE REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE OBTAINED BY A SEARCH OF 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 UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS. LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR, AND WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS".

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS".

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

THE ESTIMATED QUANTITIES HEREON ARE ONLY FOR THE PURPOSE OF OBTAINING THE NECESSARY PERMITS, AND MICHAEL BAKER INTERNATIONAL DOES NOT GUARANTEE THE ACCURACY OF THE ESTIMATED QUANTITIES. THE CONTRACTOR SHALL PERFORM HIS OWN QUANTITY TAKEOFF BEFORE SUBMITTING A BID FOR ANY PORTION OF THE IMPROVEMENTS COVERED BY THESE PLANS.

DECLARATION OF ENGINEER OF RECORD:

I HEREBY DECLARE THAT IN MY PROFESSIONAL OPINION, THE DESIGN OF THE IMPROVEMENTS AS SHOWN ON THESE PLANS COMPLIES WITH THE CURRENT PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER IN RESPONSIBLE CHARGE AS DEFINED IN 5708 OF BUSINESS & PROFESSIONS CODE. OF THE DESIGN OF THESE IMPROVEMENTS, I ACCEPT FULL RESPONSIBILITY FOR SUCH DESIGN. I UNDERSTAND AND ACKNOWLEDGE THAT THE PLAN CHECK OF THESE PLANS BY THE CITY OF RIVERSIDE IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THAT THESE PLANS COMPLY WITH CITY PROCEDURES AND OTHER APPLICABLE CODES AND ORDINANCES. THE PLAN REVIEW PROCESS IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS. SUCH A PLAN CHECK DOES NOT THEREFORE RELIEVE ME OF MY DESIGN RESPONSIBILITY.

AS THE ENGINEER OF RECORD, I AGREE TO DEFEND AND INDEMNIFY THE CITY OF RIVERSIDE, ITS OFFICERS, ITS AGENTS, AND ITS EMPLOYEES FROM ANY AND ALL LIABILITY, CLAIMS, DAMAGES, OR INJURIES TO ANY PERSON OR PROPERTY ARISING FROM NEGLIGENCE ACTS, ERRORS OR OMISSIONS OF THE ENGINEER OF RECORD, HIS EMPLOYEES, HIS AGENTS OR HIS CONSULTANTS.

SIGNATURE: *M. M. Tacuelli* DATE: 11/1/18
 MAURICIO M. TACUELLI
 LICENSE NO.: 63249 EXP.: 6-30-20

SHEET INDEX

SHEET	DESCRIPTION
01	TITLE SHEET
02	PLAN & PROFILE STREET B & STREET C
03	PLAN & PROFILE STREET A & STREET D
04	PLAN MUJR AVENUE, MYERS STREET, PRIMROSE DRIVE

APPLICANT/DEVELOPER:

KB3/HOME COASTAL, INC
 363310 INLAND VALLEY DRIVE
 WILDOMAR, CA 92595

CIVIL ENGINEER

MICHAEL BAKER INTERNATIONAL
 5 HUTTON CENTRE DRIVE, SUITE 500
 SANTA ANA, CA 92707
 TEL: (949) 472-3505
 CITY BUSINESS TAX = 1238616
 EXPIRES = JULY 31, 2019

GEOTECHNICAL ENGINEER

GEOTEK, INC
 15448 NORTH MAPLE STREET
 CORONA, CA 92880
 (951) 710-1160
 CITY BUSINESS TAX = 0118445
 EXPIRES = JANUARY 31, 2019

WDID NO. 833C383218

CONSTRUCTION NOTES

NO.	DESCRIPTION	QUANTITY	UNIT
1	INSTALL 8" PVC PIPE SDR 35 SEWER MAIN, PIPE BEDDING PER STD. NO. 452 CASE 1	1,593	LF
2	INSTALL 48" PRECAST CONCRETE SEWER MANHOLE PER CITY OF RIVERSIDE STD NO. 500	10	EA
3	INSTALL 4" PVC SEWER LATERAL WITH PL CLEAN OUT PER CITY OF RIVERSIDE STD NO. 562	63	EA
4	CONNECT TO EXISTING SANITARY SEWER MAIN	11	EA
5	INSTALL SEWER CLEANOUT PER CITY OF RIVERSIDE STD. NO. 560	1	EA
6	CONSTRUCT TRENCH BACKFILL PER CITY OF RIVERSIDE STD. NO. 453	132	EA
7	INSTALL 4" BACKWATER VALVE	2	EA

UNDERGROUND SERVICE ALERT
 IMPORTANT NOTICE
 Section 4216/4217 of the Government Code requires a Dig Alert identification number to be placed before a permit to excavate will be issued. For your Dig Alert ID, number call CALL TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU WORK

CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPARTMENT
 OVERHEAD & UNDERGROUND
 APPROVED BY: *[Signature]* DATE: 11/27/18

CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPARTMENT
 WATER DIVISION
 APPROVED BY: *[Signature]* DATE: 12/3/18

Michael Baker INTERNATIONAL
 3536 CONCOURS ST., SUITE 100
 ONTARIO, CA 91764

ENGINEER IN RESPONSIBLE CHARGE
[Signature]
 MAURICIO M. TACUELLI
 R.C.E. No. 63249 EXPIRES 6/30/20
 DATE: 11/01/2018

REGISTERED PROFESSIONAL ENGINEER
 MAURICIO M. TACUELLI
 No. 63249
 CIVIL
 STATE OF CALIFORNIA

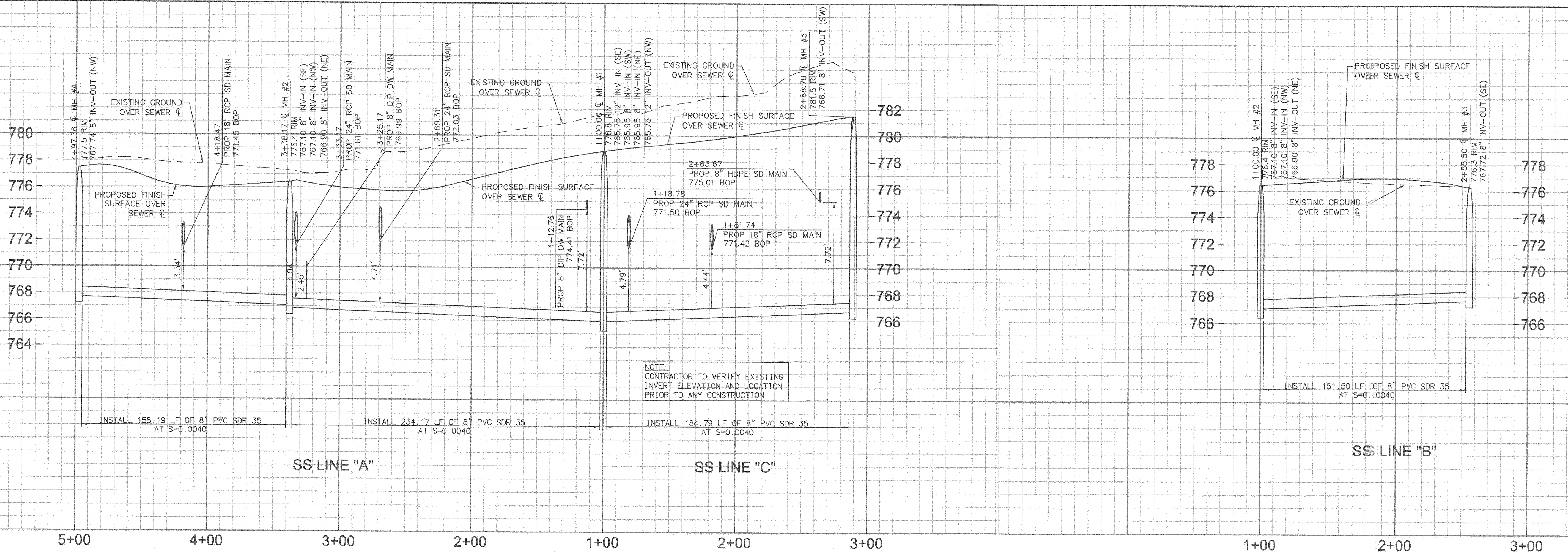
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 12/16/18
 PRINCIPAL ENGINEER T.N.
 ENGINEERING MANAGER
 DESIGNED BY: WS DRAWN BY: CA CHECKED BY: MMI

PRIMROSE RESIDENTIAL - TRACT 37219
SEWER IMPROVEMENT PLANS
 TITLE SHEET
 PRIMROSE AVENUE, RIVERSIDE
 HORIZONTAL SCALE: PER PLAN VERTICAL SCALE: PER PLAN

ACCT. NO. PW18-0519
S-2172
 SHEET 01 OF 04

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

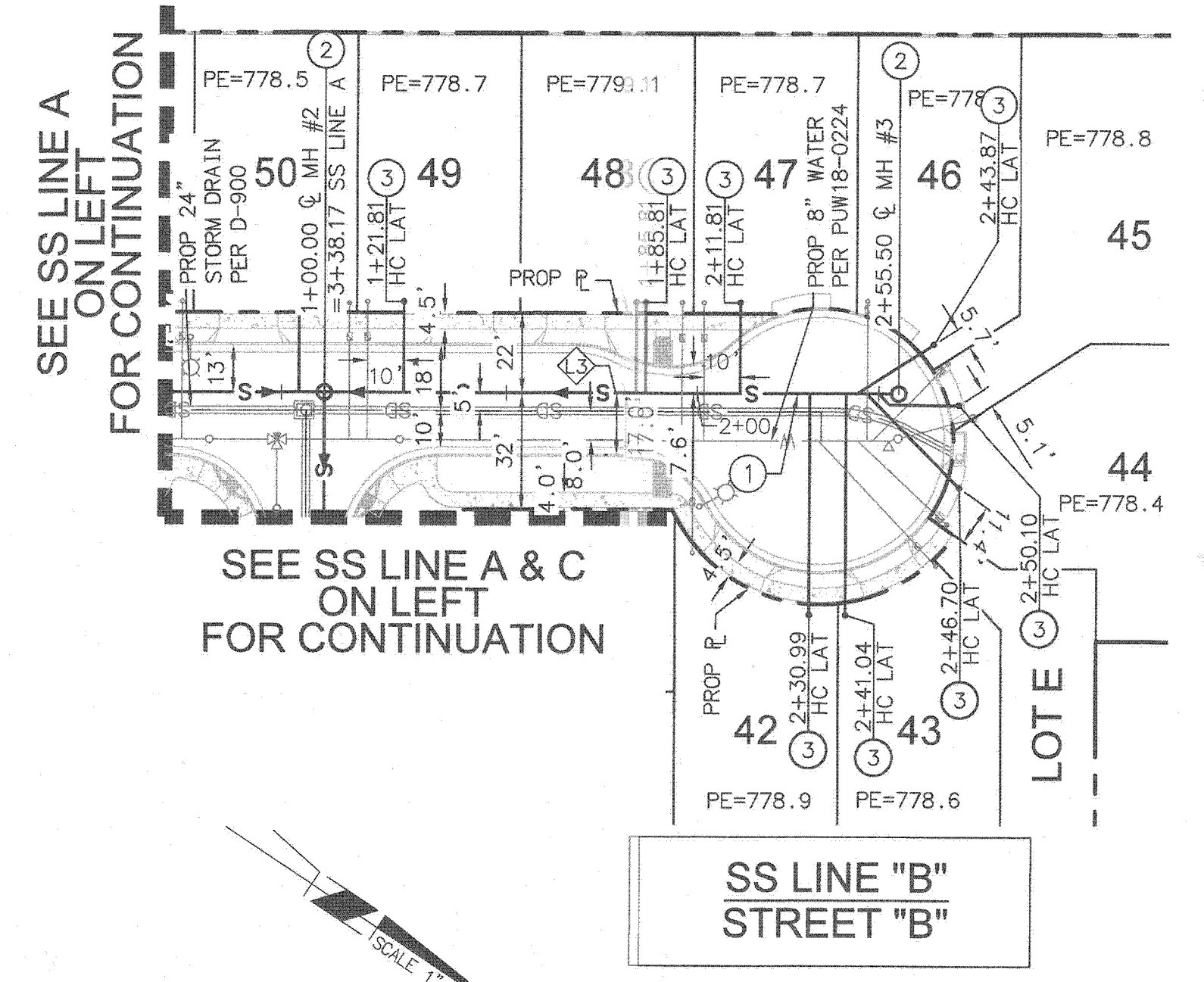
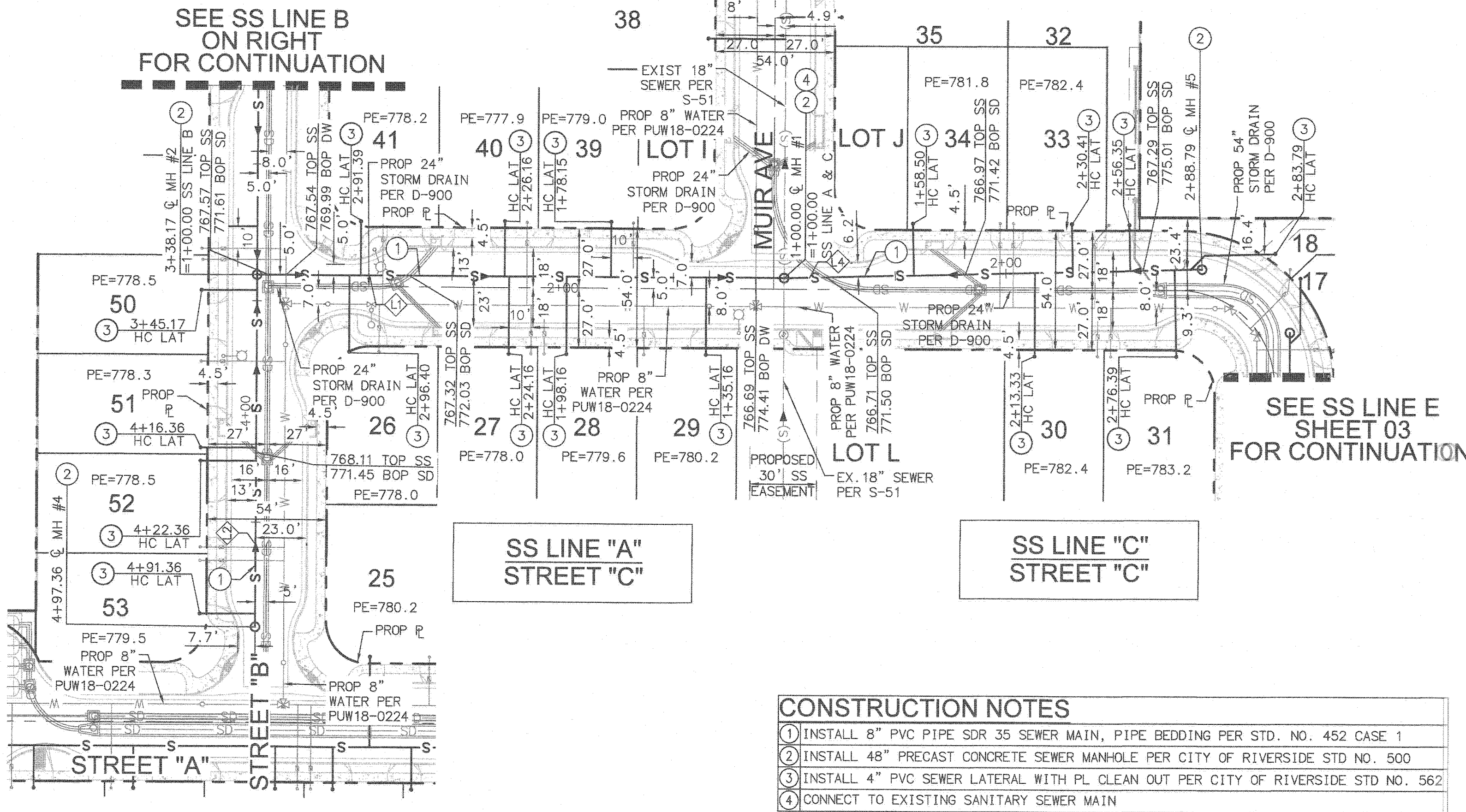


INSTALL 155.19 LF OF 8" PVC SDR 35 AT S=0.0040
 INSTALL 234.17 LF OF 8" PVC SDR 35 AT S=0.0040
 INSTALL 184.79 LF OF 8" PVC SDR 35 AT S=0.0040

NOTE:
 CONTRACTOR TO VERIFY EXISTING INVERT ELEVATION AND LOCATION PRIOR TO ANY CONSTRUCTION

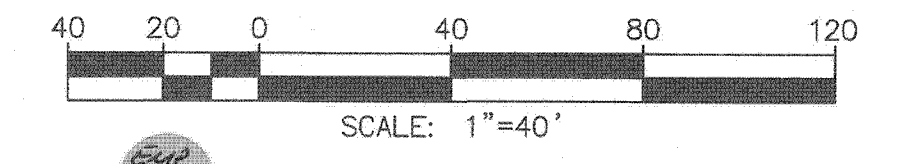
INSTALL 151.50 LF OF 8" PVC SDR 35 AT S=0.0040

5+00 4+00 3+00 2+00 1+00 2+00 3+00 1+00 2+00 3+00



- CONSTRUCTION NOTES**
- INSTALL 8" PVC PIPE SDR 35 SEWER MAIN, PIPE BEDDING PER STD. NO. 452 CASE 1
 - INSTALL 48" PRECAST CONCRETE SEWER MANHOLE PER CITY OF RIVERSIDE STD NO. 500
 - INSTALL 4" PVC SEWER LATERAL WITH PL CLEAN OUT PER CITY OF RIVERSIDE STD NO. 562
 - CONNECT TO EXISTING SANITARY SEWER MAIN

DATA TABLE	
LENGTH	BEARING
L1	238.17 S56°20'11"W
L2	159.19 N33°37'33"W
L3	155.50 N33°37'33"W
L4	188.79 N54°56'39"E



UNDERGROUND SERVICE ALERT
 IMPORTANT NOTICE
 Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a permit to excavate will be valid. For your Dig Alert ID, Number call CALL TOLL FREE 1-800-227-2600 48 HOURS BEFORE YOU DIG TWO WORKING DAYS BEFORE YOU WORK

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT OVERHEAD & UNDERGROUND
 APPROVED BY: *[Signature]* DATE: 11/23/18

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT WATER DIVISION
 APPROVED BY: *[Signature]* DATE: 12/3/18

Michael Baker INTERNATIONAL
 3536 CONCOURS ST., SUITE 100
 ONTARIO, CA 91764

ENGINEER IN RESPONSIBLE CHARGE
 MAURICIO M. IACUELLI
 R.C.E. No. 63249 EXPIRES 6/30/20
 DATE: 11/01/2018

REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 No. 63249
 STATE OF CALIFORNIA

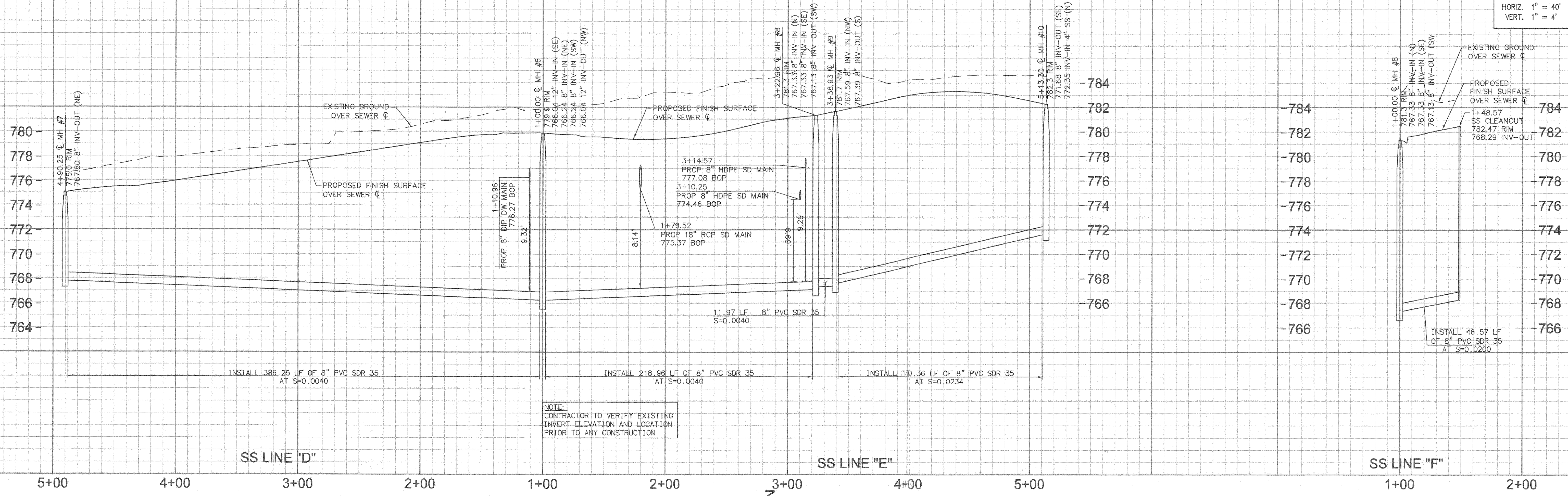
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 12/16/18
 DESIGNED BY: WS DRAWN BY: CA CHECKED BY: MMI

PRIMROSE RESIDENTIAL - TRACT 37219
 SEWER IMPROVEMENT PLANS
 PLAN & PROFILE STREET B & STREET C
 PRIMROSE AVENUE, RIVERSIDE
 HORIZONTAL SCALE: PER PLAN VERTICAL SCALE: PER PLAN

ACCT. NO. PW18-0519
S-2172
 SHEET 02 OF 04

H:\PDATA\166009\CADD\LAND\IMPROVE\SS\166009-02-SS.DWG ADACHI, CHAD 11/7/2018 11:16 AM

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

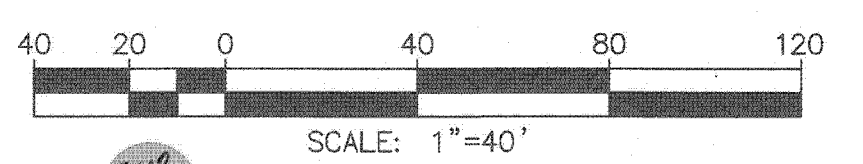
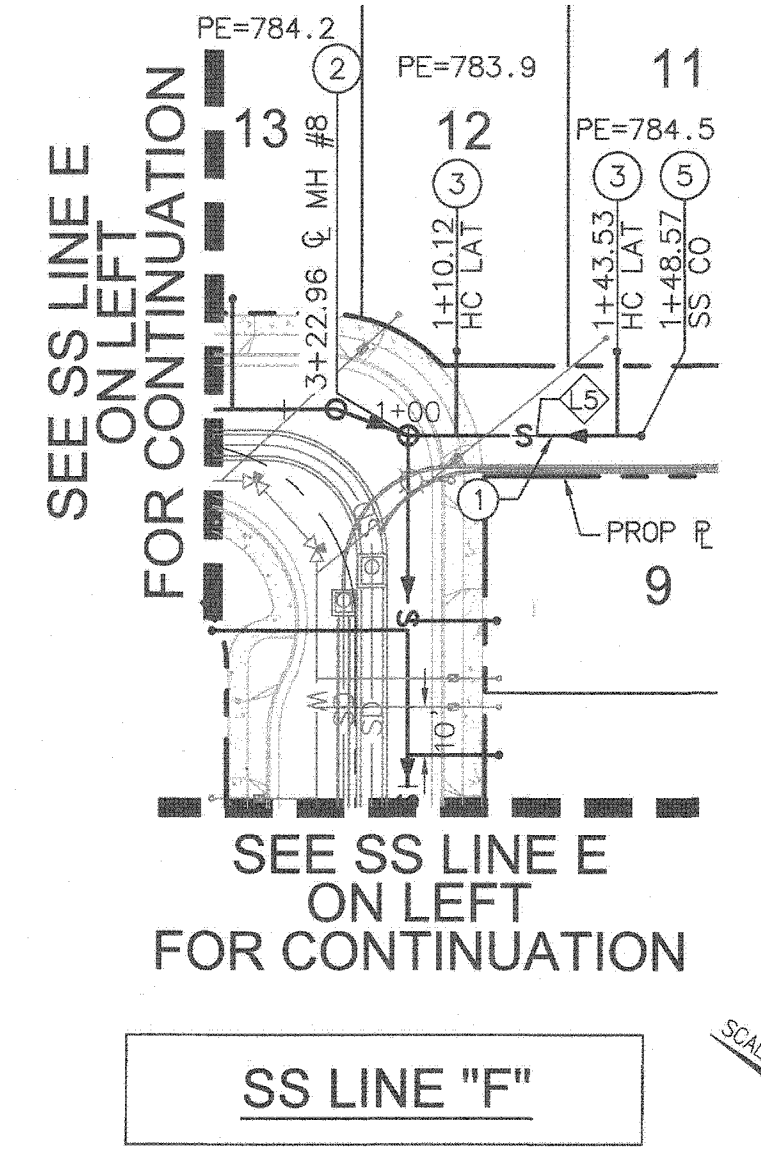
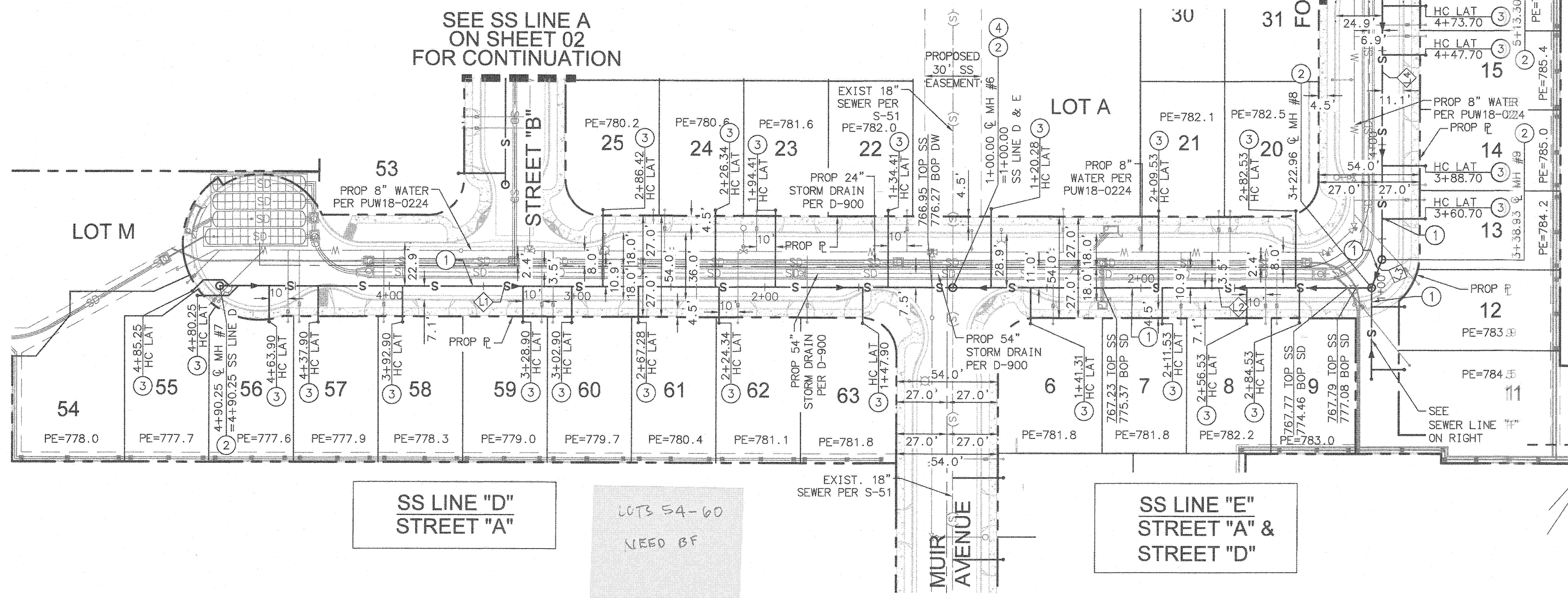


NOTE:
 CONTRACTOR TO VERIFY EXISTING
 INVERT ELEVATION AND LOCATION
 PRIOR TO ANY CONSTRUCTION

- CONSTRUCTION NOTES**
- INSTALL 8" PVC PIPE SDR 35 SEWER MAIN, PIPE BEDDING PER STD. NO. 452 CASE 1
 - INSTALL 48" PRECAST CONCRETE SEWER MANHOLE PER CITY OF RIVERSIDE STD NO. 500
 - INSTALL 4" PVC SEWER LATERAL WITH PL CLEAN OUT PER CITY OF RIVERSIDE STD NO. 562
 - CONNECT TO EXISTING SANITARY SEWER MAIN
 - INSTALL SEWER CLEANOUT PER CITY OF RIVERSIDE STD. NO. 560

DATA TABLE

NO	LENGTH	BEARING
L1	390.25	S56°21'37"W
L2	222.96	N56°21'37"E
L3	15.97	N13°33'44"W
L4	174.36	N33°39'25"W
L5	48.57	S33°39'22"E



WDID NO. 833C383218

UNDERGROUND SERVICE ALERT
 IMPORTANT NOTICE
 Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID Number call 1-800-227-2600
 CALL TOLL FREE
 48 HOURS BEFORE YOU DIG
 TWO WORKING DAYS BEFORE YOU WORK

CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPARTMENT
 OVERHEAD & UNDERGROUND
 APPROVED BY: [Signature] DATE: 11/27/18

CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPARTMENT
 WATER DIVISION
 APPROVED BY: [Signature] DATE: 12/3/18

Michael Baker INTERNATIONAL
 3536 CONCOURS ST., SUITE 100
 ONTARIO, CA 91764

ENGINEER IN RESPONSIBLE CHARGE
 MAURICIO M. JACUELLI
 R.C.E. No. 63249 EXPIRES 6/30/20
 DATE: 11/01/2018

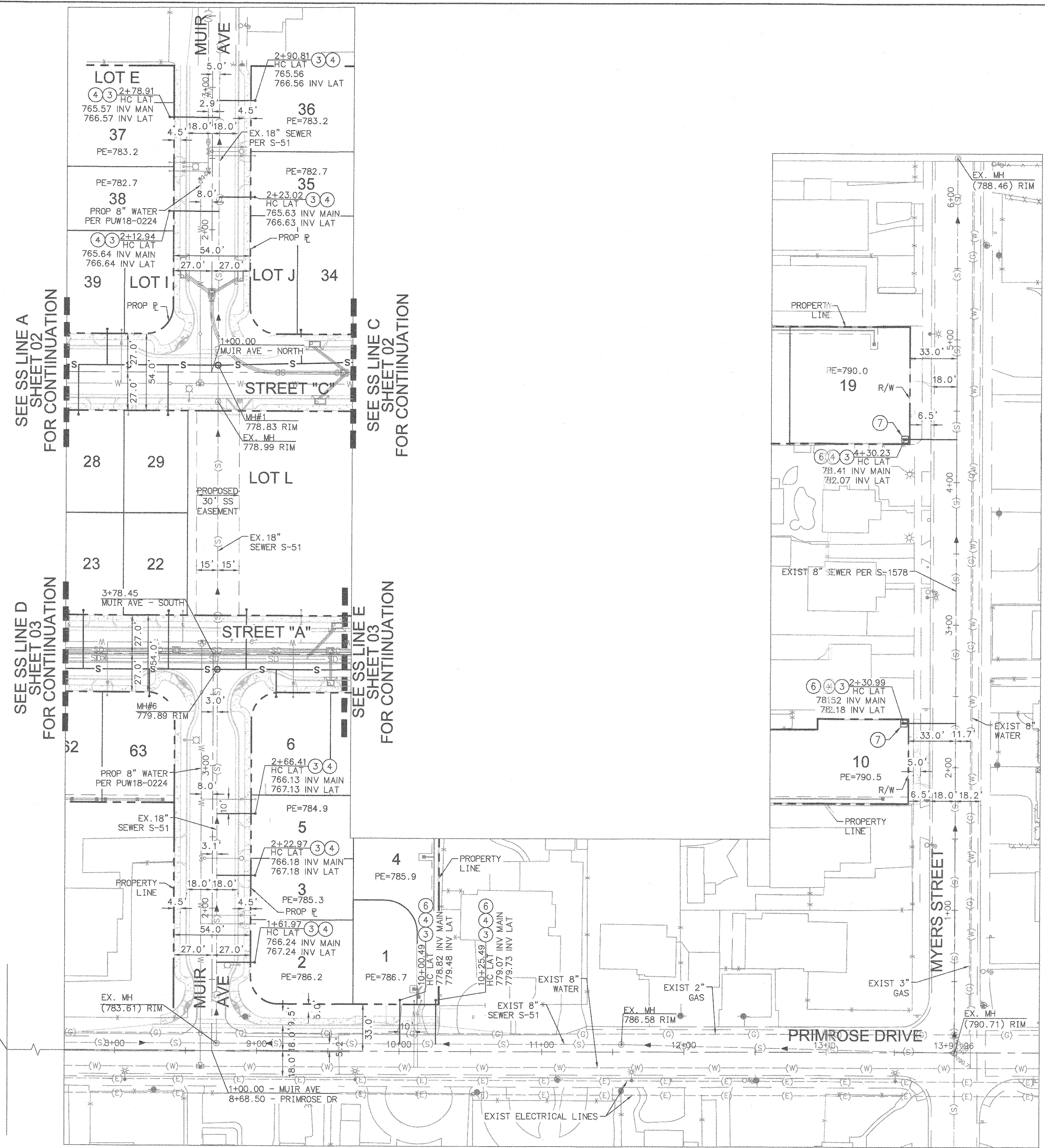


MARK REVISIONS APPR. DATE
 DESIGNED BY: WS DRAWN BY: CA CHECKED BY: MMI

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature] DATE: 12/6/2018
 ENGINEERING MANAGER

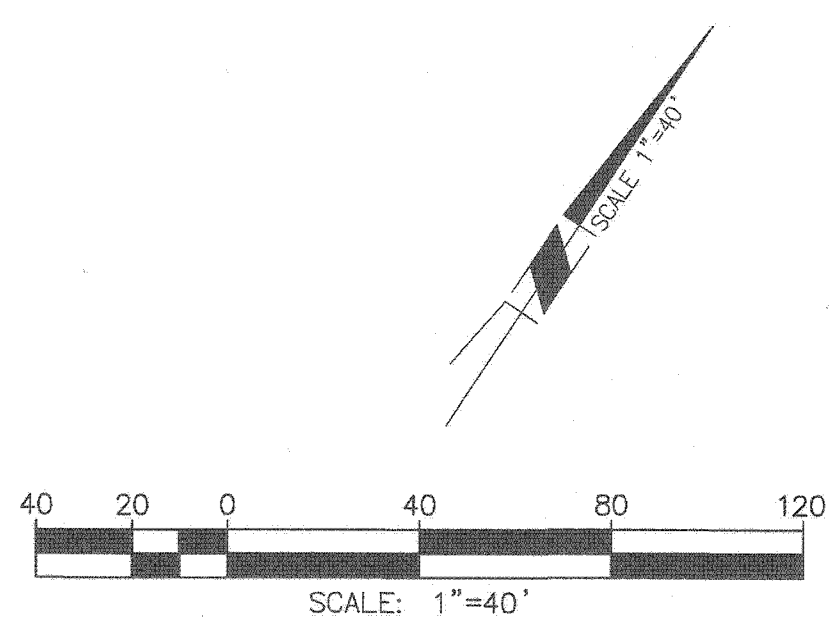
PRIMROSE RESIDENTIAL - TRACT 37219
 SEWER IMPROVEMENT PLANS
 PLAN & PROFILE STREET A & STREET D
 PRIMROSE AVENUE, RIVERSIDE
 HORIZONTAL SCALE: PER PLAN VERTICAL SCALE: PER PLAN

ACCT. NO. PW18-0519
S-2172
 SHEET 03 OF 04



CONSTRUCTION NOTES	
③	INSTALL 4" PVC SEWER LATERAL WITH PL CLEAN OUT PER CITY OF RIVERSIDE STD NO. 562
④	CONNECT TO EXISTING SANITARY SEWER MAIN
⑥	CONSTRUCT TRENCH BACKFILL PER CITY OF RIVERSIDE STD. NO. 453
⑦	INSTALL 4" BACKWATER VALVE

NOTE:
 CONTRACTOR TO VERIFY IF LOTS 10 AND 19 ARE SERVED BY EXISTING SEWER LATERALS. IF LOTS ARE SERVED BY EXISTING LATERALS AND CONTRACTOR VERIFIES THE LATERALS ARE USEABLE FOR THE PROPOSED DESIGN, THEN THE CONTRACTOR TO VIDEO AND CONNECT TO EXISTING LINE. IF NOT, THEN CONTRACTOR TO INSTALL NEW LATERALS PER PLAN.



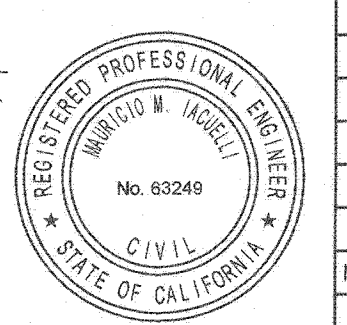
UNDERGROUND SERVICE ALERT
IMPORTANT NOTICE
 Section 4218/4217 of the Government Code requires a Dig Alert identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID, Number call CALL TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU WORK

CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPARTMENT
 OVERHEAD & UNDERGROUND
 APPROVED BY: *[Signature]* DATE: 11/27/18

CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPARTMENT
 WATER DIVISION
 APPROVED BY: *[Signature]* DATE: 12/3/18
 VOID ONE YEAR FROM THIS DATE

Michael Baker INTERNATIONAL
 3536 CONCOURS ST., SUITE 100
 ONTARIO, CA 91764

ENGINEER IN RESPONSIBLE CHARGE
[Signature]
 MAURICIO M. YACUELLI
 R.C.E. No. 63249 EXPIRES 6/30/20
 DATE: 11/01/2018



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: *[Signature]* DATE: 12/16/18
 ENGINEERING MANAGER
 DESIGNED BY: WS DRAWN BY: CA CHECKED BY: MMI

PRIMROSE RESIDENTIAL - TRACT 37219
SEWER IMPROVEMENT PLANS
 PLAN MUIR AVENUE, MYERS STREET, PRIMROSE DRIVE
 PRIMROSE AVENUE, RIVERSIDE
 HORIZONTAL SCALE: PER PLAN VERTICAL SCALE: PER PLAN

ACCT. NO. PW18-0519
S-2172
 SHEET 04 OF 04