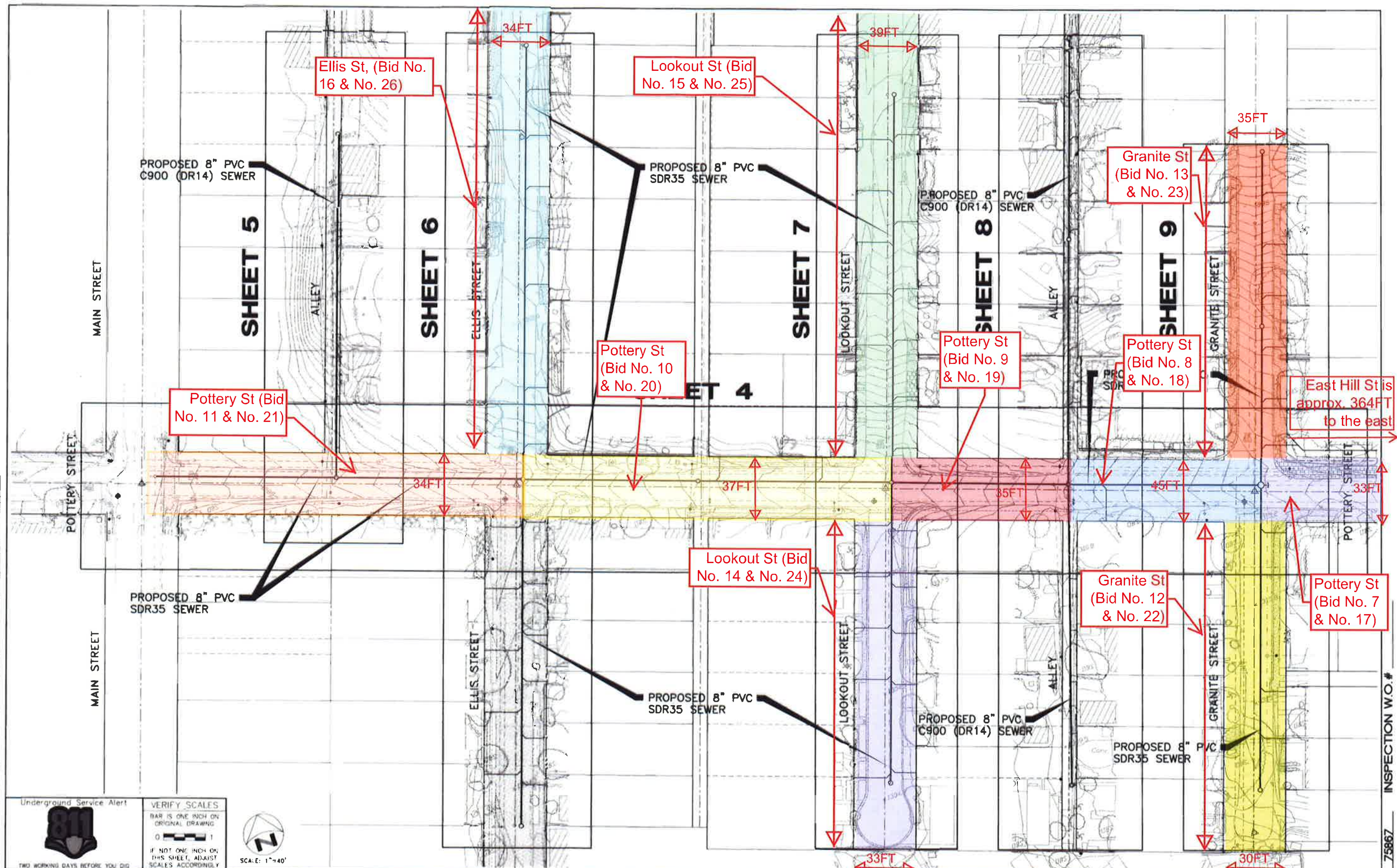


DWG NO. 75867-13-12, PLOT NO. 13, DATE 02/19/15, PLOT TIME 9:22AM, PLOT SCALE 1"=40'



Underground Service Alert

TWO WORKING DAYS BEFORE YOU DIG

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY



SCALE: 1"=40'

THE DESIGN AND CONSTRUCTION OF THE PROJECT AS WELL AS THE ACCURACY OF FIGURES, ARE THE RESPONSIBILITY OF THE DESIGN ENGINEER. PLAN CHECK SERVICES BY E.V.M.W.D. WILL BE LIMITED TO ADHERENCE OF THE DISTRICT'S STANDARDS, MATERIALS, QUANTITIES AND SIZE OF FACILITIES, AS THEY RELATE TO THE SERVICE DEMANDS OR THE APPROVED MASTER PLAN.

REV	BY	DATE	REVISIONS	APPR	DATE

DESIGNED BY: SS DRAWN BY: TWB CHECKED BY: MEM



SUBMITTED BY: *[Signature]*

DATE: 02/19/15

PLANS PREPARED BY: **KRIEGER & STEWART**
Engineering Consultants

3602 University Avenue • Riverside, CA 92501
www.kriegerandstewart.com • 951-684-6900

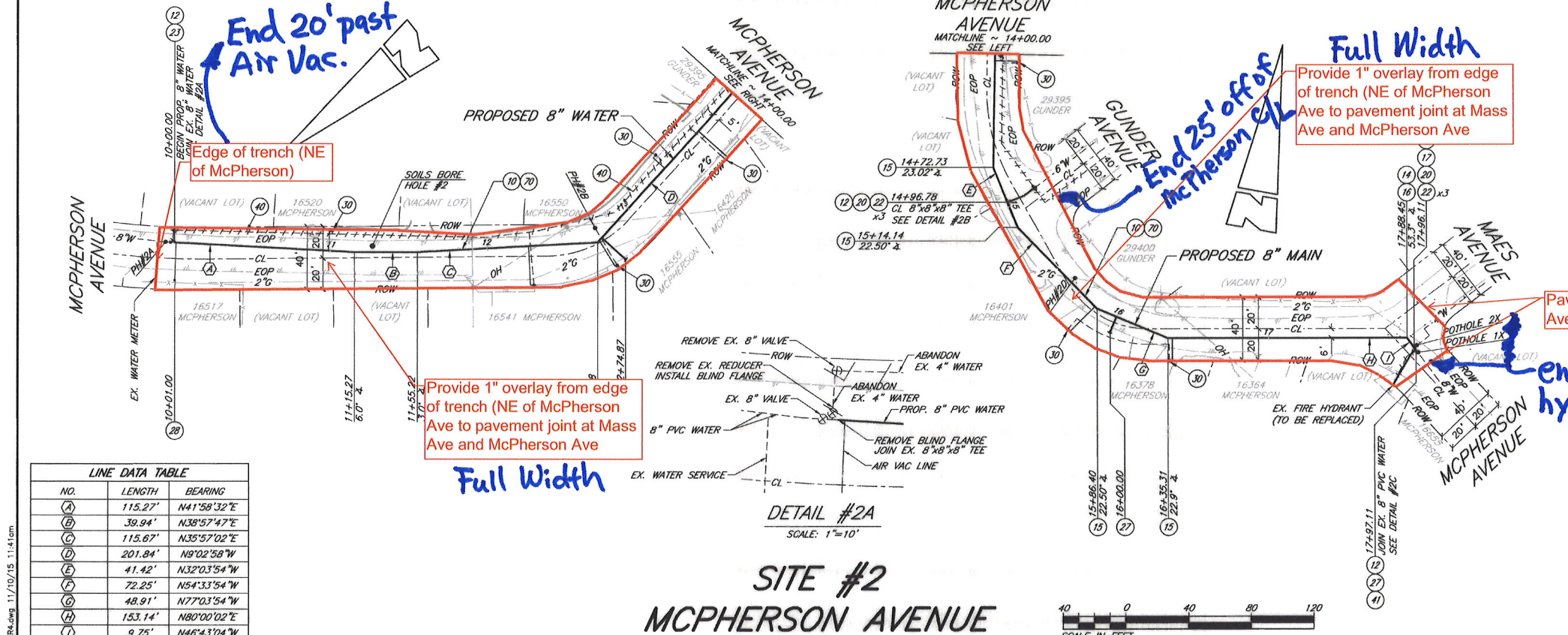
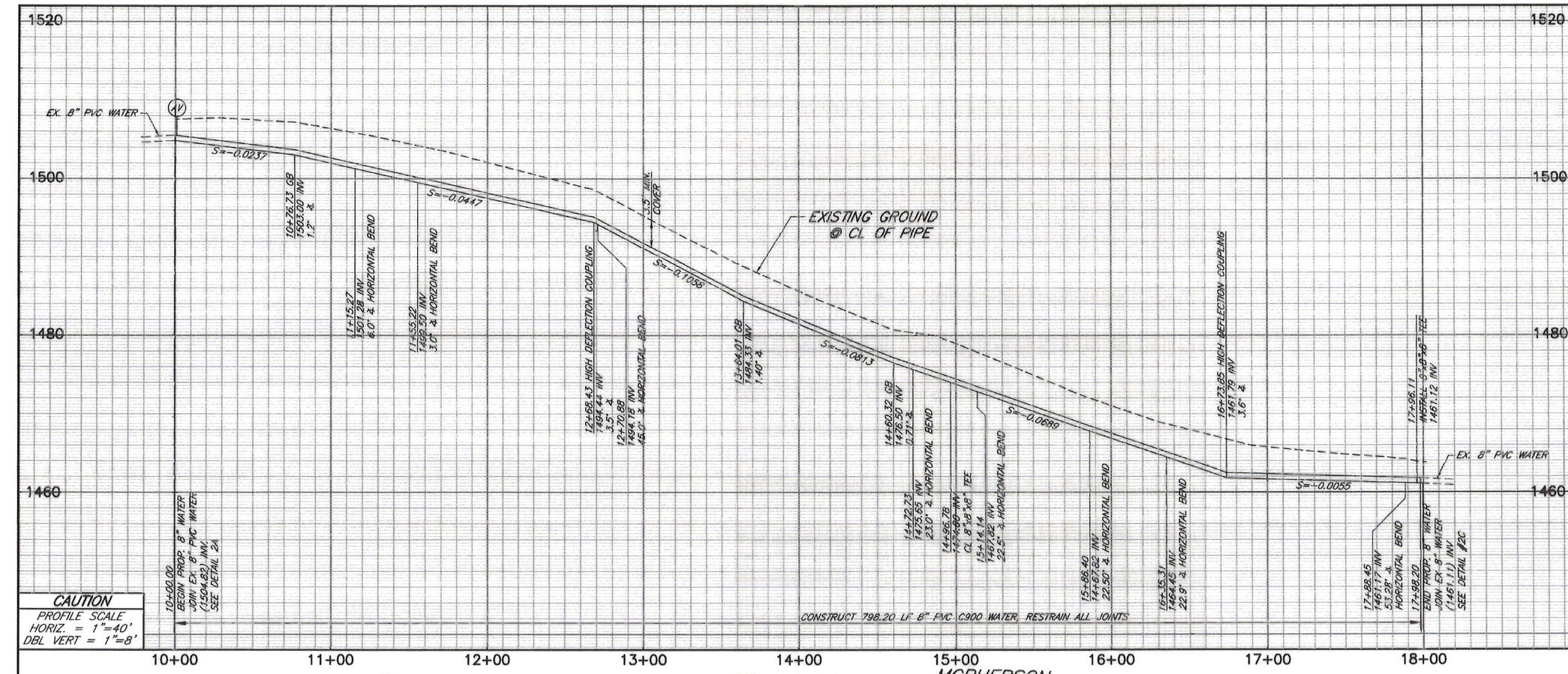
EL SINORE VALLEY MUNICIPAL WATER DISTRICT
PAVING OF POTTERY, GRANITE, LOOKOUT
AND ELLIS STREETS
(WO No. 75867)

RES: N/A P.Z: N/A

SHEET 1

FILE NO.

ENG. W.O. # 75867 INSPECTION W.O. #



LINE DATA TABLE		
NO.	LENGTH	BEARING
A	115.27'	N41°58'32\"E
B	39.94'	N38°57'47\"E
C	115.67'	N35°57'02\"E
D	201.84'	N9°02'58\"W
E	41.42'	N32°03'54\"W
F	72.25'	N54°33'54\"W
G	48.91'	N77°03'54\"W
H	153.14'	N80°00'02\"E
I	9.75'	N46°43'04\"W

Underground Service Alert

 Call: 811
 TWO WORKING DAYS BEFORE YOU DIG

VERIFY SCALES
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

REV	BY	DATE	REVISIONS	APPR.	DATE

DESIGNED BY: VAE DRAWN BY: MILL CHECKED BY: VAE



SUBMITTED BY: Victor A. Elia
 VICTOR A. ELIA
 R.C.E. 64803
 EXP. 6/30/17
 11-10-15
 DATE:

PLANS PREPARED BY:

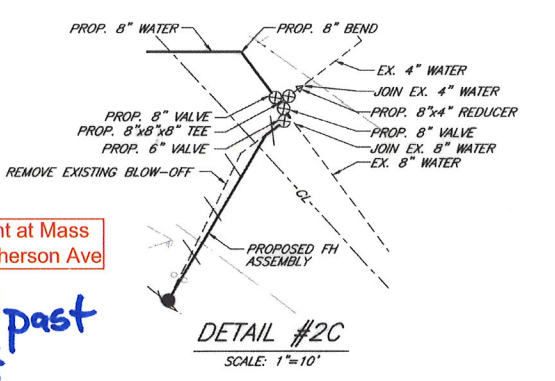
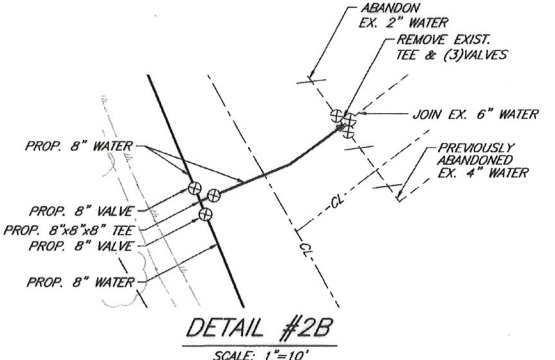
 CIVIL ENGINEERS • PLANNERS • SURVEYORS
 1880 COMPTON AVENUE, SUITE 100 • CORONA, CA 92681-3370 • 951-734-2130

ELSINORE VALLEY MUNICIPAL WATER DISTRICT
 WATER SYSTEM IMPROVEMENTS
 IN COUNTRY CLUB HEIGHTS
SITE #2 - MCPHERSON AVE & GUNDER AVE
 RES: TRTAN TANK P.Z.: 1589

SHEET NO. 4
 OF 11 SHEETS
 FILE NO.

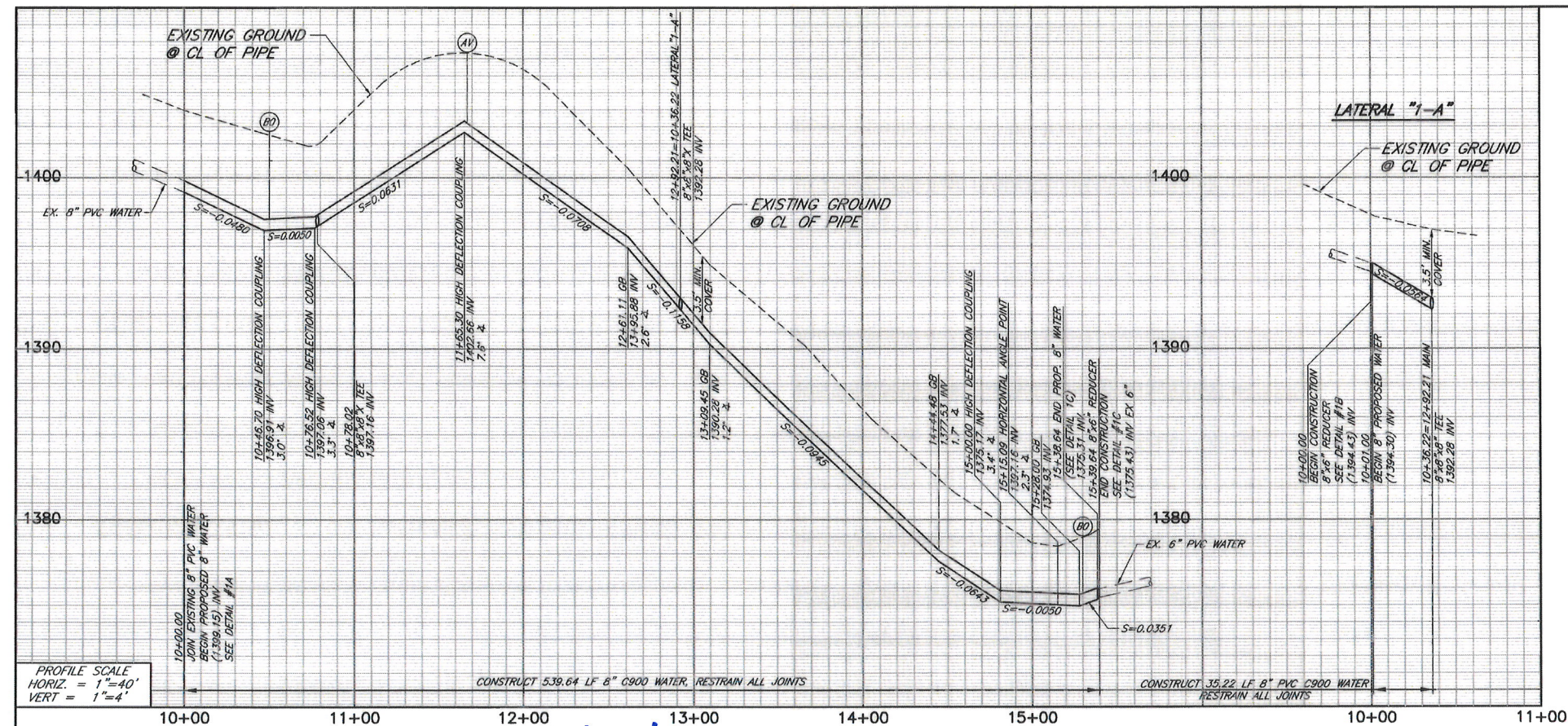
WATER CONSTRUCTION NOTES

- CONSTRUCT 8" P.V.C. C900 CLASS 200 WATER MAIN PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT STD. DWG. NO. W-3. RESTRAIN ALL JOINTS.
- JOIN EXISTING WATER WITH NECESSARY COUPLING PER ACCEPTED MATERIAL GUIDELINES. CONTRACTOR TO VERIFY LOCATION.
- INSTALL 8" D.I. 11.25' BEND, RESTRAINED JOINT, CL.350.
- INSTALL 8" D.I. 22.5' BEND, RESTRAINED JOINT, CL.350.
- INSTALL 8" D.I. 45' BEND, RESTRAINED JOINT, CL.350.
- INSTALL 8"x4" D.I. REDUCER, FLANGE X FLANGE CL.350.
- CONSTRUCT 8"x8"x8" D.I. TEE, RESTRAINED JOINT, CL.350.
- INSTALL 8" R.W. GATE VALVE, FLANGE X FLANGE, CL. 250. PROVIDE RESTRAINED JOINT, VALVE WELL AND RISER, AND VALVE SUPPORT BLOCK PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT PER STD. DWG. NOS. W-4, W-13 & W-15.
- INSTALL 8" BLIND FLANGE.
- CONSTRUCT FIRE HYDRANT ASSEMBLY PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT STD. DWG. NO. W-7.
- CONSTRUCT 1" COMBINATION AIR/VAC PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT STD. DWG. NO. W-16.
- CONSTRUCT 1" WATER SERVICE PER EYAMD STD. W-9. AFTER NEW WATER SYSTEM HAS BEEN ACCEPTED FOR SERVICE, CONNECT NEW WATER SERVICE TO EXISTING METER. ABANDON EXISTING WATER SERVICE AFTER NEW WATER SERVICE IS ACCEPTED.
- ABANDON EXISTING WATER IN PLACE, CUT AND CAP ALL EXPOSED ENDS WITH CONCRETE.
- SALVAGE EXISTING BLOW-OFF AS DIRECTED BY DISTRICT. ABANDON ASSOCIATED PIPE.
- SAWCUT, REMOVE EXISTING PAVEMENT AND REPLACE PAVEMENT 4.5" A.C. MIN. OVER 5" A.B. MIN. PER CITY OF LAKE ELSINORE STD. 602.



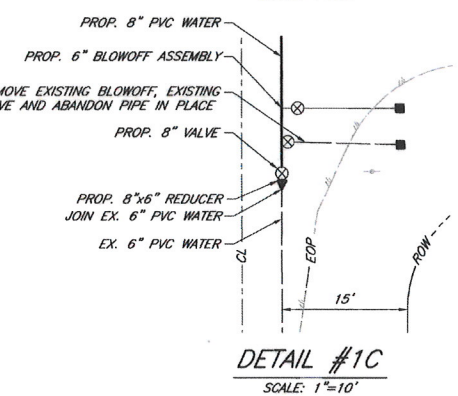
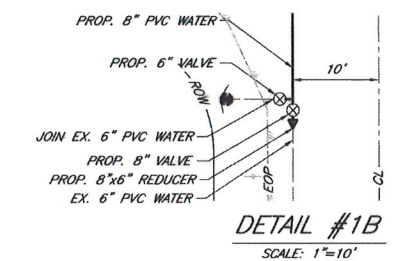
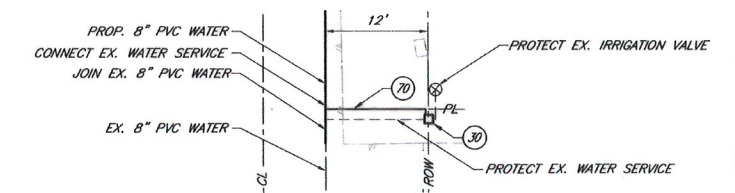
POTHOLE SUMMARY TABLE					
POTHOLE #	UTILITY	TOP	BOTTOM	SIZE	TYPE
2A	WATER	2.04'	2.71'	8"	PVC
2B	WATER	1.08'	1.16'	1"	STL
2C	WATER	0.26'	3.36'	-	SLURRY
2D	GAS	2.44'	2.61'	2"	STL
2E	DRY HOLE				
2F	GAS	3.10'	3.27'	2"	STL
1X	WATER	2.04'	2.71'	8"	PVC
2X	WATER	2.40'	2.73'	4"	PVC

INSPECTION W.O.# ENG. W.O.#75843

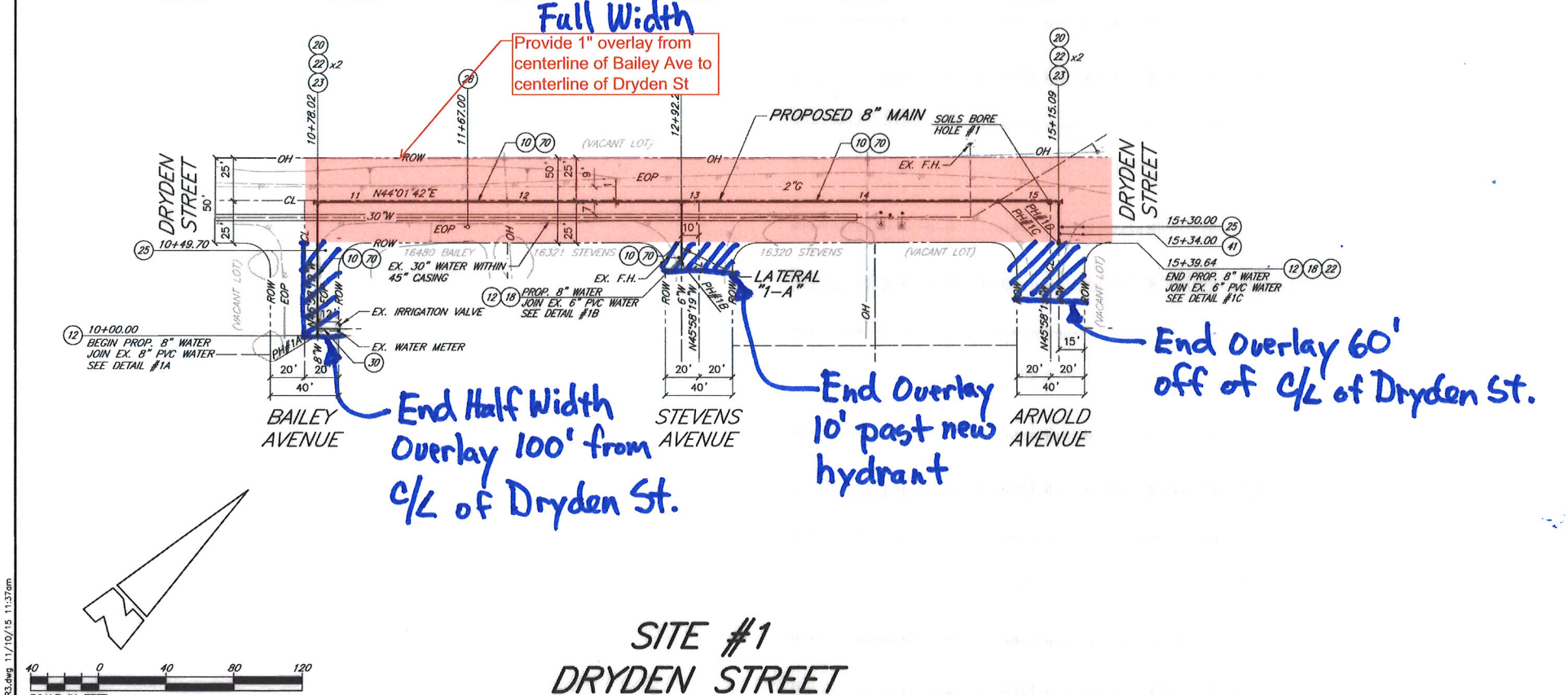


WATER CONSTRUCTION NOTES

- 10 CONSTRUCT 8" P.V.C. C900 CLASS 200 WATER MAIN PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT STD. DWG. NO. W-3. RESTRAIN ALL JOINTS.
- 12 JOIN EXISTING WATER WITH NECESSARY COUPLING PER ACCEPTED MATERIAL GUIDELINES. CONTRACTOR TO VERIFY LOCATION.
- 18 INSTALL 8"x6" D.I. REDUCER, FLANGE X FLANGE CL350.
- 20 CONSTRUCT 8"x8" D.I. TEE, RESTRAINED JOINT, CL350.
- 22 INSTALL 8" R.W. GATE VALVE, FLANGE X FLANGE, CL 250. PROVIDE RESTRAINED JOINT, VALVE WELL AND RISER, AND VALVE SUPPORT BLOCK PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT PER STD. DWG. NOS. W-4, W-13 & W-15.
- 23 INSTALL 8" BLIND FLANGE
- 25 INSTALL 6" BLOW-OFF ASSEMBLY PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT STD. DWG. NO. W-19.
- 28 CONSTRUCT 1" COMBINATION AIR/VAC PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT STD. DWG. NO. W-16
- 30 CONSTRUCT 1" WATER SERVICE PER EVMWD STD. W-9. AFTER NEW WATER SYSTEM HAS BEEN ACCEPTED FOR SERVICE, CONNECT NEW WATER SERVICE TO EXISTING METER. ABANDON EXISTING WATER SERVICE AFTER NEW WATER SERVICE IS ACCEPTED.
- 41 REMOVE EXISTING BLOW-OFF AS DIRECTED BY DISTRICT, ABANDON ASSOCIATED PIPE.
- 70 SAWCUT, REMOVE EXISTING PAVEMENT AND REPLACE PAVEMENT 4 1/2" A.C. MIN. OVER 5" A.B. MIN. PER CITY OF LAKE ELSINORE STD. 602. (SEE SHEET 2)



POTHOLE SUMMARY TABLE					
POTHOLE #	UTILITY	TOP	BOTTOM	SIZE	TYPE
1A	WATER	4.12'	4.79'	8"	PVC
1B	WATER	2.84'	3.34'	6"	PVC
1C	DRY HOLE				
1D	WATER	3.50'	4.0'	6"	PVC



SITE #1 DRYDEN STREET

Underground Service Alert
DIGALERT
Call: 811
TWO WORKING DAYS BEFORE YOU DIG

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

REV	BY	DATE	REVISIONS	APPR.	DATE

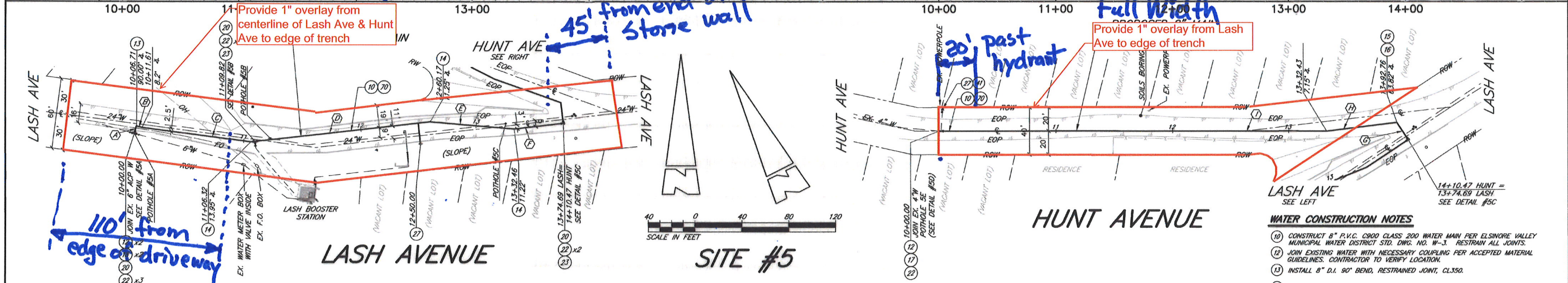
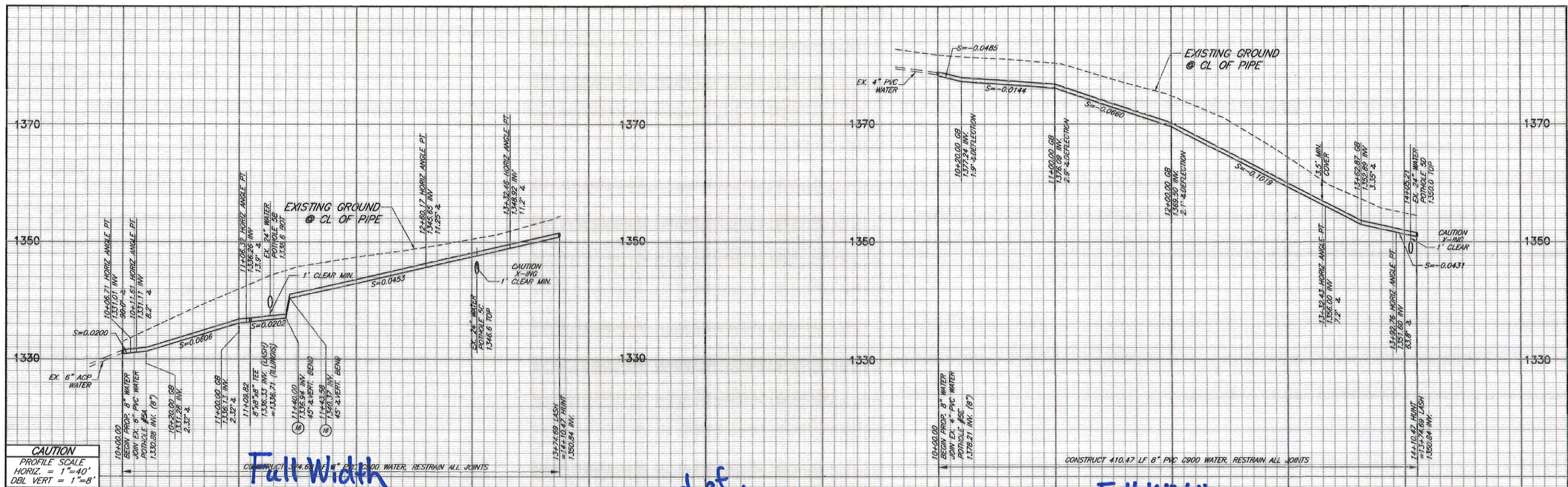
DESIGNED BY: VAE DRAWN BY: MLL CHECKED BY: VAE



SUBMITTED BY:
Victor A. Elja
VICTOR A. ELJA
R.C.E. 64803
EXP. 6/30/17
DATE: 11-10-15

PLANS PREPARED BY:
KWC ENGINEERS
CIVIL ENGINEERS • PLANNERS • SURVEYORS
1880 COMPTON AVENUE, SUITE 100 • CORONA, CA 92681-3370 • 951-734-2130

EL SINORE VALLEY MUNICIPAL WATER DISTRICT
WATER SYSTEM IMPROVEMENTS
IN COUNTRY CLUB HEIGHTS
SITE #1 - DRYDEN STREET
RES: TRTAN TANK P.Z.: 1589
SHEET NO. 3
OF 11 SHTS
FILE NO.

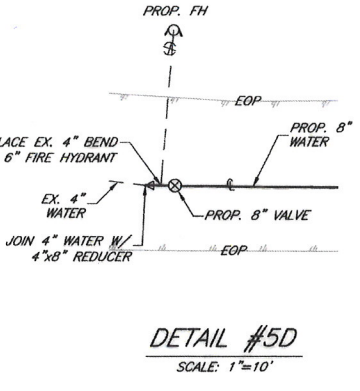
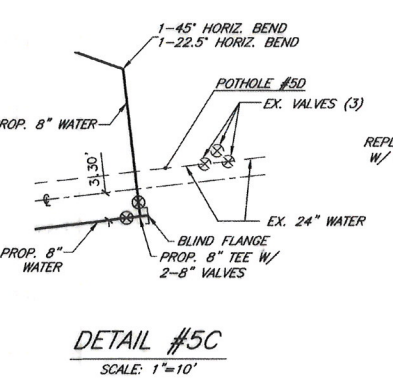
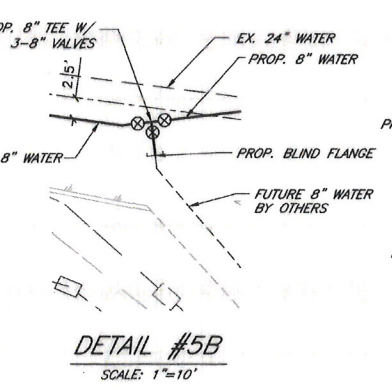
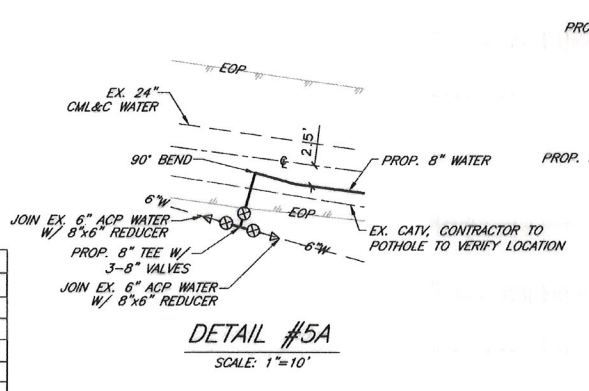


LINE DATA TABLE

NO.	LENGTH	BEARING
A	6.71'	N15°39'56"E
B	4.90'	N74°20'04"W
C	94.71'	N82°31'00"W
D	153.85'	N83°31'43"E
E	72.29'	N85°13'17"W
F	42.23'	N83°30'00"E
G	17.70'	N6°28'32"W
H	60.34'	N70°17'38"W
I	330.56'	N63°08'50"W

POT HOLE SUMMARY TABLE

POT HOLE #	UTILITY	TOP	BOTTOM	SIZE	TYPE
5A	WATER	2.50'	3.04'	6"	ACP
5B	WATER	4.30'	6.60'	24"	CML&C
5C	WATER	3.90'	6.20'	24"	CML&C
5D	WATER	4.60'	6.90'	24"	CML&C
5E	WATER	3.00'	3.40'	4"	PVC



- WATER CONSTRUCTION NOTES**
- CONSTRUCT 8" P.V.C. C900 CLASS 200 WATER MAIN PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT STD. DWG. NO. W-3. RESTRAIN ALL JOINTS.
 - JOIN EXISTING WATER WITH NECESSARY COUPLING PER ACCEPTED MATERIAL GUIDELINES. CONTRACTOR TO VERIFY LOCATION.
 - INSTALL 8" D.I. 90° BEND, RESTRAINED JOINT, CL350.
 - INSTALL 8" D.I. 11.25° BEND, RESTRAINED JOINT, CL350.
 - INSTALL 8" D.I. 22.5° BEND, RESTRAINED JOINT, CL350.
 - INSTALL 8" D.I. 45° BEND, RESTRAINED JOINT, CL350.
 - INSTALL 8"x4" D.I. REDUCER, FLANGE X FLANGE CL350.
 - INSTALL 8"x6" D.I. REDUCER, FLANGE X FLANGE CL350.
 - CONSTRUCT 8"x8"x8" D.I. TEE, RESTRAINED JOINT, CL350. PROVIDE JOINT RESTRAINT ASSEMBLY PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT STD. DWG. NO. W-4 AND ACCEPTED MATERIAL LIST.
 - INSTALL 8" R.W. GATE VALVE, FLANGE X FLANGE, CL 250. PROVIDE RESTRAINED JOINT, VALVE WELL AND RISER, AND VALVE SUPPORT BLOCK PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT PER STD. DWG. NOS. W-4, W-13 & W-15.
 - INSTALL 8" BLIND FLANGE
 - CONSTRUCT FIRE HYDRANT ASSEMBLY PER ELSINORE VALLEY MUNICIPAL WATER DISTRICT STD. DWG. NO. W-7.
 - SALVAGE EXISTING BLOW-OFF AS DIRECTED BY DISTRICT. ABANDON ASSOCIATED PIPE
 - SAWCUT, REMOVE EXISTING PAVEMENT AND REPLACE PAVEMENT 4 1/2" A.C. MIN. OVER 5" A.B. MIN. PER CITY OF LAKE ELSINORE STD. 602.

Underground Service Alert

DIGALERT

Call: 811

TWO WORKING DAYS BEFORE YOU DIG

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

REV	BY	DATE	REVISIONS	APPR.	DATE

DESIGNED BY: VAE DRAWN BY: MILL CHECKED BY: VAE

SUBMITTED BY:

Victor A. Elia

VICTOR A. ELIA R.C.E. 64803 EXP. 6/30/17

DATE: 11-10-15

PLANS PREPARED BY:

KWC ENGINEERS

CIVIL ENGINEERS • PLANNERS • SURVEYORS

1660 COMPTON AVENUE, SUITE 100 • CORONA, CA 92681-3370 • 951-734-2130

EL SINORE VALLEY MUNICIPAL WATER DISTRICT

WATER SYSTEM IMPROVEMENTS

IN COUNTRY CLUB HEIGHTS

SITE #5 - LASH AVE & HUNT AVE

RES: TRTAN TANK P.Z.: 1589

SHEET NO.

8

OF 11 SHTS

FILE NO.

INSPECTION W.O.#

