



CCO #18-003

Project: 0559-01 - Liberty H.S. Aquatic Complex
 Corner of Wickerd & Leon
 Menifee, California 92584

Change Order #18-003: CE 10 - Fire/Domestic Water POC's

CONTRACT COMPANY:	Verne's Plumbing, Inc. 8561 Whitaker Street Buena Park, California 90621	CONTRACT FOR:	C-0559-01-018-E :Plumbing - Contract C- HS40062
DATE CREATED:	2/ 16 /2022	CREATED BY:	Jaime Cheeney (Neff Construction, Inc.)
CONTRACT STATUS:	Pending - In Review	REVISION:	0
DESIGNATED REVIEWER:		REVIEWED BY:	
DUE DATE:		REVIEW DATE:	
INVOICED DATE:		PAID DATE:	
SCHEDULE IMPACT:	0 days	EXECUTED:	No
		TOTAL AMOUNT:	\$ 21,771.00

DESCRIPTION:
 CAT 18 - CE 10 - Fire/Domestic Water POC's

Please review this Potential Change Order No. 004, in regards to Fire & Domestic water POC's not matching current contract documents, an as-built plan was provided to all contractors. Neff Construction issued the updated plan on 4/16/21 for review and pricing. Pricing could not be agreed upon, Neff provided direction on 6/30/21 to proceed with the installation on a time and material basis. The cost to extend the Fire & Domestic water to existing POC's is an ADD of \$21,771.00 and has a schedule impact of (0) working days. The added cost of \$21,771.00 will be a Change Order to Category 18 Plumbing. If you have any questions, please feel free to contact John Squillace Jr at 805-607-3637

ATTACHMENTS:
[Liberty HS- Aquatic Center- Utilities r1 3.6.21 \(002\).pdf](#) [Email Chain.pdf](#)

POTENTIAL CHANGE ORDERS IN THIS CHANGE ORDER:

PCO #	Title	Schedule Impact	Amount
18-004	CE 10 - Fire/Domestic Water POC's	0 days	21,771.00
TOTAL:			\$ 21,771.00

CHANGE ORDER LINE ITEMS:

PCO # 18-004 : CE 10 - Fire/Domestic Water POC's

#	Cost Code	Description	Type	Amount
1	50-18000 - Plumbing	added POC length	Commitment	\$ 21,771.00
Subtotal:				\$21,771.00
Grand Total:				\$21,771.00

The original (Contract Sum)	\$ 463,800.00
Net change by previously authorized Change Orders	\$ 33,340.76
The contract sum prior to this Change Order was	\$ 497,140.76
The contract sum would be changed by this Change Order in the amount of	\$ 21,771.00
The new contract sum including this Change Order will be	\$ 518,911.76
The contract time will not be changed by this Change Order by 0 days	

BakerNowicki Design Studio
 731 Ninth Avenue, Suite A
 San Diego California 92101
 Buddy Gessel

Verne's Plumbing, Inc.
 8561 Whitaker Street
 Buena Park California 90621

Perris Union High School District
 155 East 4th Street
 Perris California 92570

DocuSigned by:

 2/16/2022
 SIGNATURE DATE

DocuSigned by:

 2/16/2022
 SIGNATURE DATE

SIGNATURE DATE



REQUEST FOR CHANGE

Submitted To	Perris USD 155 East 4th street Perris, CA 92570
Project	Liberty H.S. Aquatic Complex

RFC Number	VP-005
Date	11/18/2021

Description: T&M Utility POC change per ab,

Labor	Hours	Rate	Total
Journeyman (T&M)	116	94.64	10,978.24
	116		10,978.24

Material	Qty	Cost	Tax	Total
SEE ATTACHED	1	2,022.99	156.78	2,179.77
T&T OF SAND	1	262.29	20.33	282.62
T&T OF SAND	1	256.41	19.87	276.28
PAGE 6 & 7 SEE ATTACHED	1	527.49	40.88	568.37
			237.86	3,307.04

Equipment	Days	Rate	Total
Delivery Truck	7	75.00	525.00
Mini-Excavator	7	325.00	2,275.00
SKID STEER	7	275.00	1,925.00
Jack-Hammer/Drill	1	150.00	150.00
	22		4,875.00

Description	Percentage	Amount
Labor		10,978.24
Material		3,307.04
Equipment		4,875.00
Total Cost		19,160.28
Profit and Overhead	12.5	2,395.04
P&O Subcontractor	10	0.00
Bond	1	215.55
Contract Amount		\$21,770.87



**Quotation
(Reprint)**

**527 HAJOCA CORP COSTA MESA CA
3170 AIRWAY AVE
COSTA MESA CA 92626-4608
714-638-4442 Fax 714-537-1810**

QUOTE DATE		QUOTE NUMBER	
11/18/21		S163371493	
QUOTED BY:			PAGE NO.
527 HAJOCA CORP COSTA MESA CA 3170 AIRWAY AVE COSTA MESA CA 92626-4608 714-638-4442 Fax 714-537-1810			1 of 1

Printed : 12:47:40 18 NOV 2021

QUOTE TO:
VERNES PLUMBING INC
8561 WHITAKER ST
BUENA PARK, CA 90621-3188

SHIP TO:
SHOP VERNE'S PLUMBING INC
8561 WHITAKER ST.
BUENA PARK, CA 90621-3188

714-994-1971

QUOTED FOR		CUSTOMER PURCHASE ORDER NUMBER		CUSTOMER RELEASE NUMBER		SALESPERSON			
TIM VERNE		LIBERTY HS				Joe Daher			
WRITER		SHIP VIA		TERMS		EXPIRATION DATE		FREIGHT ALLOWED	
Joe Daher		PLBG OUR TRUCK		2% 10TH PROX 1.5% SC 25		01/02/22		No	
QUOTE QTY	DUP PART#	DESCRIPTION				Net Pric	Ext. Pric		
40ft	1353568	2X20 SCH80 PE PVC PIPE				4.570/ft	182.80		
2ea	347804	SPEARS 829-020 2 PVC COUP SOC SCH80				8.160/ea	16.32		
4ea	347725	SPEARS 817-020 2 PVC 45 ELL SOC SCH80				15.520/ea	62.08		
1ea	386369	S-B 41100023801003 STEEL COUPLING 2.38IN O D 120IN X 5IN SLEEVE EPOXY COATED NSF GASKETS ALLOY BOLTS/NUTS				74.660/ea	74.66		
1ea	2535041	MAINLINE ML11183 QT GRAY PVC HVY BODY CEMENT				18.950/ea	18.95		
1ea	2535090	MAINLINE ML11230 QT PURPLE PVC/ CPVC PRIMER LOW-VOC				17.840/ea	17.84		
1ea	1366902	TCHRISTY TA-DT-3-BW 3IN X 1000FT DETECTABLE TAPE BLUE WATER				54.850/ea	54.85		
1ea	2570426	CLM 54501-05-02 14 SOL BC UF YLW TRACER WIRE 500FT ROLL				99.990/ea	99.99		
TAXES NOT INCLUDED									
						Subtotal	527.49		
						Bid Total	527.49		

Prices contained in this quote are the prices in effect at the time of quotation, and are subject to change at any time. We are not responsible for inaccurate quantity descriptions. Quantities should be checked against plans and specifications for accuracy. Special order material is non-cancellable. We are not responsible for delays not within our control.



P.O. Box 5067
Buena Park, CA 90622
Billing: (714) 522-4403
Fax: (714) 522-4524

Invoice Date
8/25/2021

Invoice #
407060

Customer	4122
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VERNES PLUMBING INC.
8561 WHITAKER ST
Buena Park, CA 90621

Job	64695
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Liberty H.S.
32255 Leon Road
Winchester, CA 92596

Ticket #	Del. Date	Reference #	Line Description	Qty	Units	Unit Price	Amount
1719851	8/25/2021	54524	SCREENED FILL SAND	24.98	TN	\$10.50	\$262.29

RECEIVED
SEP 02 2021
VERNES PLUMBING, INC

CALL FOR SERVICE IN CALIFORNIA, NEVADA, AND ARIZONA

Los Angeles | Ventura | Orange | Inland Empire (800) 522-0282
 Central California | Northern California (800) 734-3053
 San Diego County (800) 266-2837
 Palm Springs | Indio (866) 923-4772
 Arizona & Nevada (855) 522-0282

SUB-TOTAL	\$262.29
SALES TAX	\$20.33
MINING TAX	\$0.00
TOTAL DUE	\$282.62
DUE BY	9/10/2021

TERMS: NET DUE 10TH OF THE MONTH FOLLOWING DATE OF DELIVERY. A 1.5% FINANCE CHARGE PER MONTH ON THE UNPAID BALANCE SHALL BE CHARGED ON ALL ACCOUNTS 30 DAYS OR MORE PAST DUE.
ALL MATERIAL SALES ARE F.O.B. POINT OF ORIGIN AND TITLE PASSES TO BUYER PRIOR TO TRANSPORTATION.

SO CALIFORNIA 800.522.0282
NOR CALIFORNIA 800.734.3053
ARIZONA 855.522.0282



TICK # 1719851
DELIVERY TICKET

GET A QUOTE @www.wcsg.com

Date: 8/25/21

Job #: _____ P.O. #: 54524

Sold To: VERNES PLUMBING INC

Job Location: 32255 LEON RD
WINCHESTER, CA 92596

DRIVER: JARA Truck #: S1 Plant: JR

Reference #: 068113 Arrival Time: 1230

Gross Wt: 39.13 Time Departed: 1300

Tare Wt: 14.20 Total Time: 30

Net Wt: 24.98

Commodity: SFS

Other Notes: PAT

Time Allowed: 30

Excess Time: X

Reason For Standby: _____

Deliveries shall be made where customer designates. Customer hereby assumes responsibility for damage inside curb or property line. Any and all claims for shortage and/or quality of product delivered will not be allowed unless made at time of delivery

[Signature]
Consignor/Consignee Printed Name

[Signature]
Consignor/Consignee Signature



P.O. Box 5067
Buena Park, CA 90622
Billing: (714) 522-4403
Fax: (714) 522-4524

Invoice Date

11/4/2021

Invoice #

431545

Customer	4122
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VERNES PLUMBING INC.
8561 WHITAKER ST
Buena Park, CA 90621

Job	64695
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Liberty H.S.
32255 Leon Road
Winchester, CA 92596

Ticket #	Del. Date	Reference #	Line Description	Qty	Units	Unit Price	Amount
1791603	11/4/2021	54925	SCREENED FILL SAND	24.42	TN	\$10.50	\$256.41

RECEIVED

NOV 12 2021

VERNES PLUMBING, INC

CALL FOR SERVICE IN CALIFORNIA, NEVADA, AND ARIZONA

Los Angeles | Ventura | Orange | Inland Empire (800) 522-0282
Central California | Northern California (800) 734-3053
San Diego County (800) 266-2837
Palm Springs | Indio (866) 923-4772
Arizona & Nevada (855) 522-0282

SUB-TOTAL	\$256.41
SALES TAX	\$19.87
MINING TAX	\$0.00
TOTAL DUE	\$276.28
DUE BY	12/10/2021

TERMS: NET DUE 10TH OF THE MONTH FOLLOWING DATE OF DELIVERY. A 1.5% FINANCE CHARGE PER MONTH ON THE UNPAID BALANCE SHALL BE CHARGED ON ALL ACCOUNTS 30 DAYS OR MORE PAST DUE.

ALL MATERIAL SALES ARE F.O.B. POINT OF ORIGIN AND TITLE PASSES TO BUYER PRIOR TO TRANSPORTATION.

SO CALIFORNIA 800.522.0282
NOR CALIFORNIA 800.734.3053
ARIZONA 855.522.0282



TICK # **1791603**
DELIVERY TICKET

GET A QUOTE @www.wcsg.com

Date: 11-4-21

Job #: _____ P.O. #: 54925

Sold To: Varnes Plumbing

Job Location: 32255 Leon rd
Winchester

DRIVER: BILLIE Truck #: 96 Plant: JR H

Reference #: 073671 Arrival Time: 12:05

Gross Wt: 38.91 Time Departed: 12:25

Tare Wt: 14.49 Total Time: 20

Net Wt: 24.42 Time Allowed: 20

Commodity: SIFIS Excess Time: _____

Other Notes: _____ Reason For Standby: _____

Deliveries shall be made where customer designates. Customer hereby assumes responsibility for damage inside curb or property line. Any and all claims for shortage and/or quality of product delivered will not be allowed unless made at time of delivery

Robert Ecker

Consignor/Consignee Printed Name

[Signature]

Consignor/Consignee Signature

397-Liberty HS Aquatic center

32255 Leon Road, Winchester, California

PHOTOS (2)



20210826_092244_photo

Patrick Lockhart

Aug 26, 2021 9:22 AM



20210826_092214_photo

Patrick Lockhart

Aug 26, 2021 9:22 AM

T&M PER RUBEN

Tim Verne

From: Ruben Mero <ruben@neffcon.com>
Sent: Wednesday, June 30, 2021 10:33 AM
To: Tim Verne
Cc: Curtis Fletcher; Karl Moller; Joshua Owen; Jeff Nicholson; Roy Wager; Josh Moloney; Pat Lockhart; Benny Zandi
Subject: RE: LHSA_POC Plan

Hello Tim,

That is correct, please proceed on T&M for the added piping lengths to the existing POC locations that differ from the original construction documents.

Ruben Mero | Project Manager
 1701 S. Bon View Ave. | Ontario, CA 91761
 PH 909.947.3768 FAX 909.947.3823
 CELL 909.706.8770



From: Tim Verne [mailto:tim@vernesplumbing.com]
Sent: Wednesday, June 30, 2021 8:37 AM
To: Ruben Mero <ruben@neffcon.com>
Cc: Curtis Fletcher <cletcher@neffcon.com>; Karl Moller <karl@neffcon.com>; Joshua Owen <joshua@neffcon.com>; Jeff Nicholson <jnicholson@neffcon.com>; Roy Wager <roy@neffcon.com>; Josh Moloney <josh@vernesplumbing.com>; Pat Lockhart <pat@vernesplumbing.com>; Benny Zandi <benny@vernesplumbing.com>
Subject: RE: LHSA_POC Plan

Good Morning Ruben,

Are we to proceed on T&M for this added work to add the additional piping to make the fire and domestic water POCs?

Take Care,

TIM VERNE | Vice President
 8561 Whitaker St., Buena Park, CA 90621
 C: (714) 412.1069 | P: (714) 994-1971



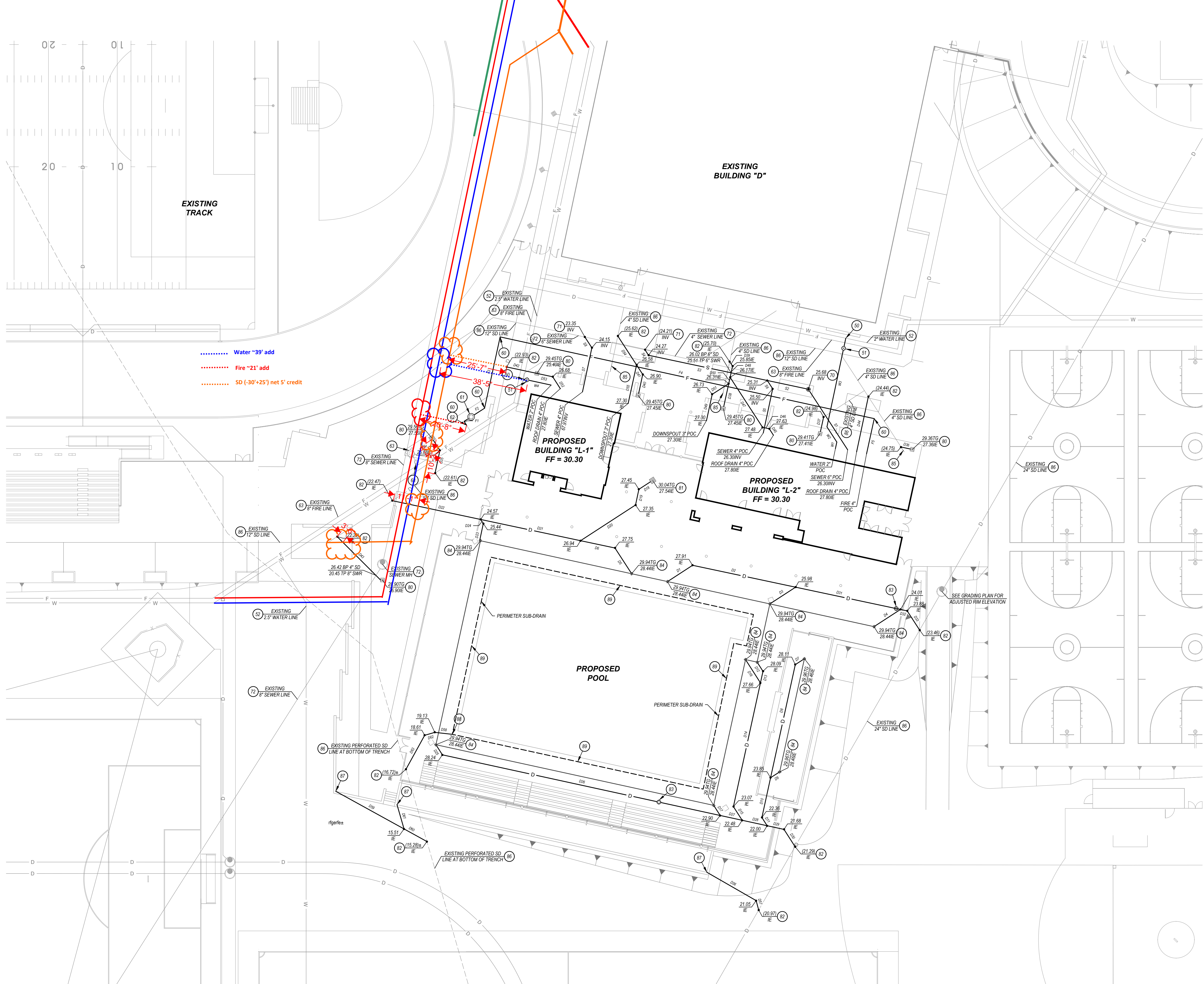
From: Ruben Mero <ruben@neffcon.com>
Sent: Friday, April 16, 2021 9:12 AM
To: Tim Verne <tim@vernesplumbing.com>
Cc: Curtis Fletcher <cfletcher@neffcon.com>; Karl Moller <karl@neffcon.com>; Joshua Owen <joshua@neffcon.com>;
Jeff Nicholson <jnicholson@neffcon.com>; Roy Wager <roy@neffcon.com>
Subject: LHSA_POC Plan

Hello Tim,

FYI, I wanted to send over the POC plan that was received per the high school construction, let me know if you have any questions.

Ruben Mero | Project Manager
1701 S. Bon View Ave. | Ontario, CA 91761
PH 909.947.3768 FAX 909.947.3823
CELL 909.706.8770





EXISTING TRACK

EXISTING BUILDING "D"

PROPOSED BUILDING "L-1"
FF = 30.30

PROPOSED BUILDING "L-2"
FF = 30.30

PROPOSED POOL

- Water ~39' add
- Fire ~21' add
- SD (-30'+25') net 5' credit

UTILITY CONSTRUCTION NOTES

FURNISH & INSTALL ALL PIPING PER TABLE DESCRIPTION ON SHEET C-4.1

DOMESTIC WATER

- (01) CONNECT TO EXISTING WATER LINE
- (02) FURNISH & INSTALL RESILIENT SEAT GATE VALVE PER DETAIL "C" ON SHEET C-6.1
- (03) PROTECT IN PLACE EXISTING ITEM AS NOTED

FIRE

- (04) CONSTRUCT THRUST BLOCK PER DETAIL "D" ON SHEET C-6.1
- (05) FURNISH & INSTALL 6" P.V. (MUELLER A-2086 OR APPROVED EQUAL) ON SHEET C-6.1
- (06) CONNECT TO EXISTING WATER LINE
- (07) PROTECT IN PLACE EXISTING ITEM AS NOTED

SEWER

- (08) CONSTRUCT PVC SEWER/STORM DRAIN CLEANOUT PER DETAIL "E" ON SHEET C-6.1
- (09) CONNECT TO EXISTING SEWER LINE. CONTRACTOR TO EXPOSE AND CLEAN OUT EXISTING SEWER PIPES AND FIELD VERIFY THE VERTICAL AND HORIZONTAL LOCATION AND CONTACT EPIC ENGINEERS WITH RESULTS FOR VERIFICATION TO PROCEED PRIOR TO ANY CONSTRUCTION
- (10) PROTECT IN PLACE EXISTING ITEM AS NOTED

STORM DRAIN

- (11) FURNISH & INSTALL 12" X 12" PREFABRICATED CATCH BASIN (JAR CB1212 OR APPROVED EQUAL) PER DETAIL "F" ON SHEET C-6.1
- (12) FURNISH & INSTALL 18" X 18" PREFABRICATED CATCH BASIN (JAR CB1818 OR APPROVED EQUAL) PER DETAIL "G" ON SHEET C-6.1
- (13) CONNECT TO EXISTING STORM DRAIN LINE. CONTRACTOR TO EXPOSE AND CLEAN OUT EXISTING STORM DRAIN PIPES AND FIELD VERIFY THE VERTICAL AND HORIZONTAL LOCATION AND CONTACT EPIC ENGINEERS WITH RESULTS FOR VERIFICATION TO PROCEED PRIOR TO ANY CONSTRUCTION
- (14) CONSTRUCT PVC SEWER/STORM DRAIN CLEANOUT PER DETAIL "E" ON SHEET C-6.1
- (15) FURNISH & INSTALL PREFABRICATED CATCH BASIN PER POOL CONSULTANT'S DETAIL AND SPECIFICATIONS
- (16) REMOVE & CAP EXISTING STORM DRAIN LINE
- (17) PROTECT IN PLACE EXISTING ITEM AS NOTED
- (18) CONNECT TO PROPOSED RETAINING WALL DRAINAGE SYSTEM
- (19) CONNECT TO PROPOSED POOL SUB-DRAINAGE
- (20) CONSTRUCT 3" SDR 35 PERFORATED STORM DRAIN LINE. PLACED AS DIRECTED IN GEOTECHNICAL REPORT. SEE ALSO SECTION "A-A" ON SHEET C3.1 FOR ADDITIONAL INFORMATION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 04-119198, INC.
REVIEWED FOR:
SS FLS ACS
DATE: 10/16/2020

PERRIS UNION HIGH SCHOOL DISTRICT
LIBERTY HS AQUATIC COMPLEX

STORM DRAIN LINE DATA TABLE

NAME	BEARING	LENGTH	SLOPE	DESCRIPTION
D1	N57° 00' 00"E	12.54	4.21%	4.0" SDR 35 PVC STORM DRAIN PIPE
D2	S78° 00' 00"E	45.92	4.21%	4.0" SDR 35 PVC STORM DRAIN PIPE
D3	N57° 00' 00"E	12.80	19.08%	4.0" SDR 35 PVC STORM DRAIN PIPE
D4	N57° 00' 00"E	13.28	33.41%	4.0" SDR 35 PVC STORM DRAIN PIPE
D5	N03° 00' 00"W	12.89	5.32%	4.0" SDR 35 PVC STORM DRAIN PIPE
D6	N78° 00' 00"W	15.34	5.32%	4.0" SDR 35 PVC STORM DRAIN PIPE
D7	S57° 19' 01"W	4.21	8.42%	4.0" SDR 35 PVC STORM DRAIN PIPE
D8	S12° 19' 01"W	50.50	8.42%	4.0" SDR 35 PVC STORM DRAIN PIPE
D9	S57° 19' 01"W	4.21	109.30%	4.0" SDR 35 PVC STORM DRAIN PIPE
D10	S12° 19' 01"W	17.70	8.42%	4.0" SDR 35 PVC STORM DRAIN PIPE
D11	S32° 49' 59"E	4.24	8.42%	4.0" SDR 35 PVC STORM DRAIN PIPE
D12	S32° 49' 59"E	4.24	8.31%	4.0" SDR 35 PVC STORM DRAIN PIPE
D13	S12° 19' 01"W	5.17	8.31%	4.0" SDR 35 PVC STORM DRAIN PIPE
D14	S12° 19' 01"W	55.27	8.31%	4.0" SDR 35 PVC STORM DRAIN PIPE
D15	S32° 49' 59"E	7.07	8.31%	4.0" SDR 35 PVC STORM DRAIN PIPE
D16	S32° 49' 59"E	11.55	6.77%	4.0" SDR 35 PVC STORM DRAIN PIPE
D17	S32° 49' 59"E	4.74	116.80%	4.0" SDR 35 PVC STORM DRAIN PIPE
D18	S57° 00' 00"W	6.07	1.45%	6.0" SDR 35 PVC STORM DRAIN PIPE
D19	S12° 00' 00"W	6.90	1.45%	6.0" SDR 35 PVC STORM DRAIN PIPE
D20	S57° 00' 00"W	28.59	1.40%	6.0" SDR 35 PVC STORM DRAIN PIPE
D21	N78° 00' 00"W	44.54	5.32%	6.0" SDR 35 PVC STORM DRAIN PIPE
D22	N78° 00' 00"W	35.34	5.32%	6.0" SDR 35 PVC STORM DRAIN PIPE

STORM DRAIN LINE DATA TABLE

NAME	BEARING	LENGTH	SLOPE	DESCRIPTION
D23	N12° 00' 00"E	7.24	41.38%	4.0" SDR 35 PVC STORM DRAIN PIPE
D24	N03° 00' 00"W	2.12	41.38%	4.0" SDR 35 PVC STORM DRAIN PIPE
D25	S32° 49' 59"E	4.74	4.30%	6.0" SDR 35 PVC STORM DRAIN PIPE
D26	S77° 47' 59"E	124.00	4.30%	6.0" SDR 35 PVC STORM DRAIN PIPE
D27	S77° 47' 59"E	9.81	4.30%	6.0" SDR 35 PVC STORM DRAIN PIPE
D28	S77° 47' 59"E	11.15	4.30%	6.0" SDR 35 PVC STORM DRAIN PIPE
D29	S77° 47' 59"E	7.52	4.30%	6.0" SDR 35 PVC STORM DRAIN PIPE
D30	S32° 49' 59"E	8.96	4.30%	6.0" SDR 35 PVC STORM DRAIN PIPE
D31	S78° 00' 00"E	46.75	4.31%	6.0" SDR 35 PVC STORM DRAIN PIPE
D32	S78° 00' 00"E	3.00	4.31%	6.0" SDR 35 PVC STORM DRAIN PIPE
D33	S33° 00' 00"E	9.98	4.21%	6.0" SDR 35 PVC STORM DRAIN PIPE
D34	S33° 00' 00"E	5.21	32.30%	6.0" SDR 35 PVC STORM DRAIN PIPE
D35	S12° 00' 00"W	10.11	32.30%	6.0" SDR 35 PVC STORM DRAIN PIPE
D36	N77° 49' 59"W	4.18	82.43%	4.0" SDR 35 PVC STORM DRAIN PIPE
D37	N12° 19' 01"E	6.55	37.08%	4.0" SDR 35 PVC STORM DRAIN PIPE
D38	N12° 19' 01"E	10.28	11.10%	4.0" SDR 35 PVC STORM DRAIN PIPE
D39	N03° 00' 00"W	2.30	6.44%	6.0" SDR 35 PVC STORM DRAIN PIPE
D40	N12° 00' 00"E	8.59	6.41%	4.0" SDR 35 PVC STORM DRAIN PIPE
D41	N03° 00' 00"W	4.92	6.41%	4.0" SDR 35 PVC STORM DRAIN PIPE
D42	N77° 58' 00"W	13.57	18.22%	4.0" SDR 35 PVC STORM DRAIN PIPE
D43	N44° 59' 58"W	26.77	19.09%	4.0" SDR 35 PVC STORM DRAIN PIPE
D44	N12° 00' 00"E	24.59	13.67%	4.0" SDR 35 PVC STORM DRAIN PIPE

STORM DRAIN LINE DATA TABLE

NAME	BEARING	LENGTH	SLOPE	DESCRIPTION
D45	N03° 00' 00"W	3.32	5.05%	6.0" SDR 35 PVC STORM DRAIN PIPE
D46	N77° 49' 59"W	2.99	5.05%	6.0" SDR 35 PVC STORM DRAIN PIPE
D47	N03° 00' 00"W	25.90	5.05%	6.0" SDR 35 PVC STORM DRAIN PIPE
D48	N12° 19' 01"E	5.00	6.44%	6.0" SDR 35 PVC STORM DRAIN PIPE
D49	N12° 19' 01"E	11.73	4.89%	4.0" SDR 35 PVC STORM DRAIN PIPE
D50	N12° 19' 01"E	2.83	4.89%	4.0" SDR 35 PVC STORM DRAIN PIPE
D51	S57° 19' 01"E	8.56	4.89%	4.0" SDR 35 PVC STORM DRAIN PIPE
D52	N02° 49' 59"W	6.16	18.22%	4.0" SDR 35 PVC STORM DRAIN PIPE
D53	N77° 58' 00"W	7.00	18.22%	4.0" SDR 35 PVC STORM DRAIN PIPE
D54	N03° 00' 00"W	15.04	6.41%	4.0" SDR 35 PVC STORM DRAIN PIPE
D55	N12° 19' 01"E	17.21	4.16%	4.0" SDR 35 PVC STORM DRAIN PIPE
D56	S80° 08' 10"E	24.75	2.00%	4.0" SDR 35 PVC STORM DRAIN PIPE
D57	S15° 08' 10"E	4.24	2.00%	4.0" SDR 35 PVC STORM DRAIN PIPE
D58	N83° 38' 02"W	7.67	11.21%	4.0" SDR 35 PVC STORM DRAIN PIPE
D59	S61° 08' 02"E	33.88	2.00%	4.0" SDR 35 PVC STORM DRAIN PIPE
D60	S61° 08' 02"E	11.40	2.00%	4.0" SDR 35 PVC STORM DRAIN PIPE
D61	S16° 08' 02"E	11.01	2.00%	4.0" SDR 35 PVC STORM DRAIN PIPE
D62	S73° 51' 58"W	4.59	11.32%	4.0" SDR 35 PVC STORM DRAIN PIPE
D63	S38° 51' 58"W	16.80	11.20%	4.0" SDR 35 PVC STORM DRAIN PIPE

SEWER LINE DATA TABLE

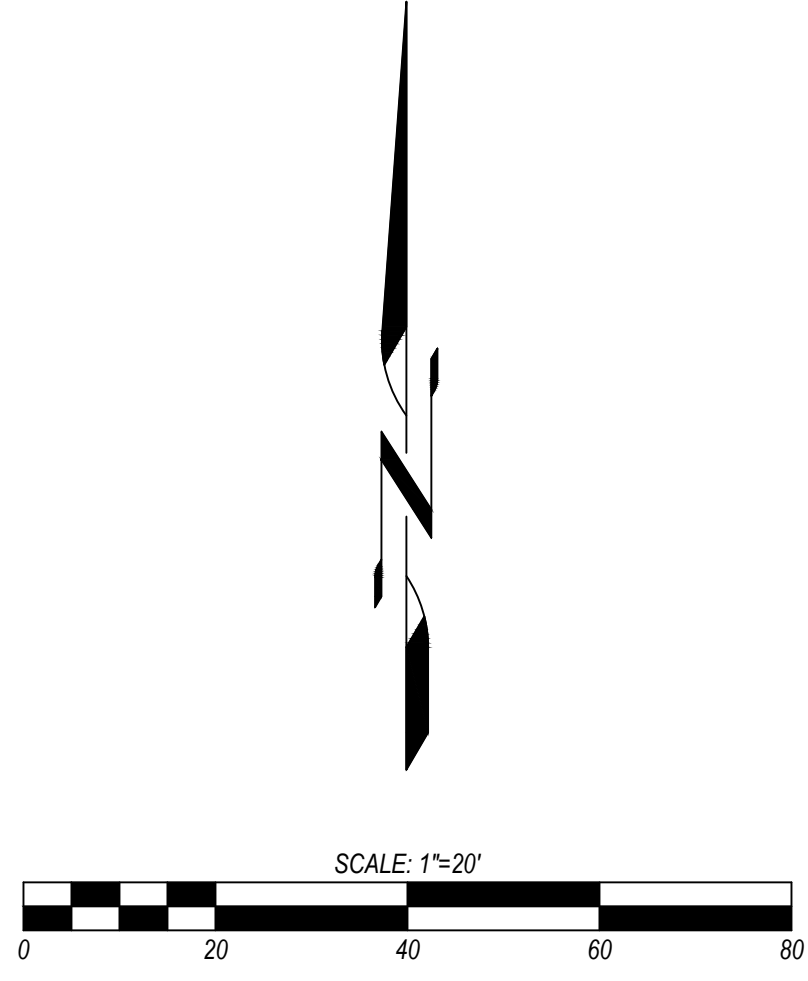
NAME	BEARING	LENGTH	SLOPE	DESCRIPTION
S1	N03° 00' 00"W	31.53	1.98%	6.0" SDR 35 PVC SEWER PIPE
S2	N78° 00' 00"W	18.28	1.98%	6.0" SDR 35 PVC SEWER PIPE
S3	N78° 00' 00"W	52.96	1.98%	6.0" SDR 35 PVC SEWER PIPE
S4	N03° 00' 00"W	2.83	1.98%	6.0" SDR 35 PVC SEWER PIPE
S5	N12° 00' 30"E	19.71	4.08%	4.0" SDR 35 PVC SEWER PIPE
S6	N03° 00' 00"W	4.31	4.22%	4.0" SDR 35 PVC SEWER PIPE
S7	N12° 00' 00"E	19.69	14.32%	4.0" SDR 35 PVC SEWER PIPE
S8	N03° 00' 00"W	5.98	14.32%	4.0" SDR 35 PVC SEWER PIPE

FIRE LINE DATA TABLE

NAME	BEARING	LENGTH	DESCRIPTION
F1	N02° 52' 23"W	2.00	6.0" CLASS 235 DR-14 C900 PVC WATER LINE
F2	N57° 19' 01"E	10.61	6.0" CLASS 235 DR-14 C900 PVC WATER LINE
F3	N12° 19' 01"E	31.85	6.0" CLASS 235 DR-14 C900 PVC WATER LINE
F4	S77° 49' 59"E	167.00	6.0" CLASS 235 DR-14 C900 PVC WATER LINE
F5	S12° 19' 01"W	15.76	6.0" CLASS 235 DR-14 C900 PVC WATER LINE

WATER LINE DATA TABLE

NAME	BEARING	LENGTH	DESCRIPTION
W1	N12° 00' 00"E	2.98	2.0" SCHEDULE 80 WATER LINE
W2	N03° 00' 00"W	7.91	2.0" SCHEDULE 80 WATER LINE
W3	N12° 00' 00"E	38.53	2.0" SCHEDULE 80 WATER LINE
W4	N77° 49' 59"W	12.32	2.0" SCHEDULE 80 WATER LINE



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COMPOSITE UTILITIES

NO. DATE ISSUE PROJECT NO: 19015-00
DATE: 09/25/2020

DRAWING
C-4.1