



CITY OF FORT LUPTON
CITY COUNCIL/ENTERPRISE BOARDS
REGULAR MEETING AGENDA
Tuesday, April 18, 2023
6:00 PM
130 South McKinley Avenue

Zo Hubbard, Mayor
Valerie Blackston, Ward 1
Chris Ceretto, Ward 2
Carlos Barron, Ward 3
David Crespín, Ward 1
Claud Hanes, Ward 2
Bruce Fitzgerald, Ward 3

Call to Order

Pledge of Allegiance

Roll Call

Proclamation

a. 2023 Crime Victim's Rights Week

Persons to Address Council - This portion of the Agenda is provided to allow members of the audience to present comments to the City Council. The City Council may not respond to your comments this evening, rather they may take your comments and suggestions under advisement or your question may be directed to the appropriate staff member for follow-up. Please limit the time of your comments to three (3) minutes - Mayor Hubbard

Approval of Agenda

Review of Accounts Payables

a. April 18, 2023 Accounts Payable

Consent Agenda - Consent Agenda items are considered to be routine and will be enacted by one motion and vote. There will be no separate discussion of Consent Agenda items unless a Councilmember so requests, in which case the item may be removed/moved from the Consent Agenda.

- a. April 4, 2023 City Council Meeting Minutes**
- b. April 4, 2023 Marijuana Licensing Authority Meeting Minutes**
- c. AM 2023-067 Accepting an Application and Approving a Resolution Establishing All of the City of Fort Lupton as the Neighborhood for the Application Submitted by Taqueria Los Cazos, LLC dba Taqueria Los Cazos for a Hotel and Restaurant License at 123 1st Street and Setting a Public Hearing for May 16, 2023, for Consideration of the Application**
- d. AM 2023-068 Approving the Purchase of a Dell Unity 380 Hybrid DPE DS Storage Access Network for an Amount not to Exceed \$63,529.88, Allocated from the General Fund IT Department**
- e. AM 2023-069 Approving Camera Installation at the Clean Water Plant for an Amount Not to Exceed \$37,418.75, Allocated from the Utility Fund**
- f. AM 2023-070 Accepting a Proposal from CXT Precast Concrete Products for the Community Center Park Renovation Project Restrooms / Splash Pad Mechanical Pump Room for an Amount Not to Exceed \$321,139.70 to be Paid from the Capital Improvements Program, Parks Department**
- g. AM 2023-073 The Great Outdoor Colorado (GOCO) – Community Impact Program Grant Application for the Community Park Renovation Project Which was Requested in January 2023 has been Approved in the Amount of \$790,000 with a Grant Period of March 21, 2023 – March 31, 2025**

Action Memorandum

- a. AM 2023-071 Authorize the Mayor to execute a Municipal Water Agreement with Central Weld County Water District to provide potable water service to designated areas of the City
- b. AM 2023-072 Authorize the Mayor's Signature on Amendment 4 to the Jacobs Contract for a Supplemental Base Fee Increase

Staff Reports

Mayor/Council Reports

Future City Events

- a. April 18, 2023 Upcoming Events

Adjourn

Proclamation

WHEREAS, the victims' rights movement has resulted in the passage of laws at the local, state, and federal levels that established essential rights for victims;

WHEREAS, crime victims' rights acts passed here in Colorado and at the federal level have provided victims with ways to participate meaningfully throughout the criminal justice process;

WHEREAS, the rights of crime victims are best protected when all participants in the criminal justice process—not only victims—are appropriately educated about victims' rights;

WHEREAS, supporting victims of crime is crucial to the U.S. justice system because our support honors the experiences of victims and allows them to find autonomy and empowerment through achieving self-defined goals; Whereas we must help victims access the justice, assistance, and support they need to rebuild their lives;

WHEREAS, advocacy by and for victims of crime is itself a form of seeking justice, no less than justice sought in the courts; Whereas the accomplishments of the victims' rights movement—achieved through compassion and collaboration, and built on the courageous advocacy of individual victims and their families across the country—inspire in us hope for future progress and greater healing;

WHEREAS, we are determined to respond to crime and violence by helping victims find not only support, recovery, and justice, but also a sense of hope for their future;

WHEREAS, National Crime Victims' Rights Week provides an opportunity to recommit to ensuring that accessible, appropriate, and trauma-informed services are offered to all victims of crime; and

WHEREAS, Fort Lupton is hereby dedicated to strengthening victims and survivors in the aftermath of crime, building resilience in our communities and our victim service providers, and bringing hope and healing to all victims and survivors; and

WHEREAS, we reaffirm our commitment to creating a victim service and criminal justice response that assists all victims of crime during Crime Victims' Rights Week and throughout the year; and express our sincere gratitude and appreciation for those community members, victim service providers, and criminal justice professionals who are committed to improving our response to all victims of crime so that they may find relevant assistance, support, justice, and peace.

NOW THEREFORE, I, Zo Hubbard, Mayor, on behalf of the City council, do hereby proclaim the week of April 23-29, 2023 as "Crime Victim's Rights Week" in the City of Fort Lupton, and call upon our citizens, businesses and schools to increase their awareness and responsiveness.

Given under my hand and seal of the City of Fort Lupton

Zo A. Hubbard, Mayor
21 March 2023

Check Report

By Check Number

City of Fort Lupton

Date Range: 04/05/2023 - 04/18/2023

Vendor Number Payable #	Vendor Name Payable Type	Post Date	Payment Date Payable Description	Payment Type	Discount Amount Discount Amount	Payment Amount Payable Amount	Number
Bank Code: Golf Course-Golf Course							
001301	AAA AUTO PARTS INC		04/11/2023	Regular	0.00	192.80	85765
167132	Invoice	04/01/2023	GOLF-SUPPLIES-MAINT		0.00	99.65	
167663	Invoice	04/04/2023	GOLF-SUPPLIES-MAINT		0.00	93.15	
000024	ACE HARDWARE OF FORT LUPTON		04/11/2023	Regular	0.00	129.61	85766
98167 /1	Invoice	04/01/2023	GOLF-SUPPLIES-MAINT		0.00	46.70	
98208 /1	Invoice	04/01/2023	GOLF-SUPPLIES-MAINT		0.00	41.97	
98276 /1	Invoice	04/03/2023	GOLF-SUPPLIES-MAINT		0.00	25.96	
DOC# 98115/1	Invoice	04/01/2023	GOLF-SUPPLIES-MAINT		0.00	14.98	
000072	AMERICAN DRY GOODS		04/11/2023	Regular	0.00	7,972.48	85767
131391	Invoice	04/01/2023	GOLF-SUPPLIES-PRO SHOP		0.00	3,986.24	
131397	Invoice	04/01/2023	GOLF-SUPPLIES-PRO SHOP		0.00	3,986.24	
003190	BERMUDA SANDS APPAREL		04/11/2023	Regular	0.00	1,963.84	85768
112405	Invoice	04/01/2023	GOLF-SUPPLIES-PRO SHOP		0.00	1,963.84	
002853	BUCKEYE CLEANING CENTER		04/11/2023	Regular	0.00	255.54	85769
90486173	Invoice	04/11/2023	GOLF-SUPPLIES-PRO SHOP		0.00	255.54	
002723	EAGLE ROCK COMPANY OF COLO		04/11/2023	Regular	0.00	585.92	85770
10900036	Invoice	04/01/2023	GOLF-LIQUOR-PRO SHOP		0.00	118.86	
10900037	Invoice	04/01/2023	GOLF-LIQUOR-PRO SHOP		0.00	79.20	
10917128	Invoice	04/01/2023	GOLF-LIQUOR-PRO SHOP		0.00	162.00	
10940132	Invoice	04/03/2023	GOLF-LIQUOR-PRO SHOP		0.00	118.86	
10942447	Invoice	04/01/2023	GOLF-LIQUOR-PRO SHOP		0.00	107.00	
000461	FERRELLGAS LP		04/11/2023	Regular	0.00	2,341.92	85771
1122455338	Invoice	04/01/2023	GOLF-PROPANE-MAINT		0.00	1,325.02	
1122698874	Invoice	04/01/2023	GOLF-PROPANE-MAINT		0.00	1,016.90	
000536	GOLF AND SPORT SOLUTIONS LLC		04/11/2023	Regular	0.00	1,636.45	85772
42838	Invoice	04/01/2023	GOLF-SAND-MAINT		0.00	1,077.85	
42922	Invoice	04/01/2023	GOLF-SAND-MAINT		0.00	558.60	
000735	LL JOHNSON DISTRIBUTING		04/11/2023	Regular	0.00	6,240.12	85773
1148111-00	Invoice	04/01/2023	GOLF-SUPPLIES-MAINT		0.00	4,456.80	
1149133-00	Invoice	04/01/2023	GOLF-SUPPLIES-MAINT		0.00	377.93	
1149224-00	Invoice	04/01/2023	GOLF-SUPPLIES-MAINT		0.00	180.39	
1149228-00	Invoice	04/01/2023	GOLF-SUPPLIES-MAINT		0.00	1,225.00	
000862	O'REILLY AUTO PARTS		04/11/2023	Regular	0.00	65.08	85774
4489-448726	Invoice	04/04/2023	GOLF-SUPPLIES-MAINT		0.00	65.08	
003184	STIRLINI COFFEE COMPANY		04/11/2023	Regular	0.00	360.00	85775
100059	Invoice	04/01/2023	GOLF-LIQUOR-PRO SHOP		0.00	360.00	
001137	UNITED POWER		04/11/2023	Regular	0.00	2,822.75	85776
1194602 MAR23	Invoice	03/31/2023	United Power		0.00	457.52	
1195001 MAR23	Invoice	03/31/2023	United Power		0.00	1,940.81	
1195701 MAR23	Invoice	03/31/2023	United Power		0.00	377.77	
19595600 MAR23	Invoice	03/31/2023	United Power		0.00	25.39	
6601202 MAR23	Invoice	03/31/2023	United Power		0.00	21.26	
002638	VICE SPORTING GOODS INC		04/11/2023	Regular	0.00	1,159.60	85777
US23672019	Invoice	04/01/2023	GOLF-MERCHANDISE-PRO SHOP		0.00	1,159.60	

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Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
001207	WESTERN DISTRIBUTING INC	04/11/2023	Regular	0.00	64.00	85778
738899	Invoice	04/01/2023	GOLF-LIQUOR-PRO SHOP	0.00	64.00	
000048	AIRGAS USA LLC	04/18/2023	Regular	0.00	19.03	85779
9996184055	Invoice	04/01/2023	GOLF-ACETYLENE/OXYGEN-MAINT	0.00	19.03	
000183	CALLAWAY GOLF SALES COMPANY	04/18/2023	Regular	0.00	4,234.46	85780
936175379	Invoice	04/01/2023	GOLF-MERCHANDISE-PRO SHOP	0.00	690.49	
936194931	Invoice	04/01/2023	GOLF-MERCHANDISE-PRO SHOP	0.00	442.51	
936235191	Invoice	04/01/2023	GOLF-MERCHANDISE-PRO SHOP	0.00	2,634.18	
936245946	Invoice	04/01/2023	GOLF-MERCHANDISE-PRO SHOP	0.00	467.28	
000239	CITY OF FORT LUPTON	04/18/2023	Regular	0.00	205.96	85781
FIN2023457	Invoice	04/10/2023	GOLF-VERIZON REIMBURSE-PRO SHOP	0.00	205.96	
000241	CITY OF FT LUPTON-UTIL INVOICE	04/18/2023	Regular	0.00	342.11	85782
110249001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-Golf	0.00	209.83	
110252101 MAR23	Invoice	03/31/2023	Water/Sewer Bill-Golf	0.00	91.25	
770214501 MAR23	Invoice	03/31/2023	Water/Sewer Bill-Golf	0.00	41.03	
003256	GLENN DUNLEAVY	04/18/2023	Regular	0.00	1,505.75	85783
GD21826	Invoice	04/08/2023	GOLF-SHIRTS-MAINT	0.00	1,505.75	
000534	GOLDEN WEST INDUSTRIAL SUPPLY	04/18/2023	Regular	0.00	591.57	85784
2118923	Invoice	04/01/2023	GOLF-FLAGPOLE LASER-MAINT	0.00	591.57	
000567	HIGH COUNTRY BEVERAGE CORP	04/18/2023	Regular	0.00	716.95	85785
W-6470087	Invoice	04/10/2023	GOLF-DRINKS-PRO SHOP	0.00	641.85	
W-6473943	Invoice	04/10/2023	GOLF-RANCH WATER VARIETY-PRO SHOP	0.00	75.10	
002673	HOWARD HUGHES HOOD CLEANING	04/18/2023	Regular	0.00	450.00	85786
207	Invoice	04/06/2023	GOLF-HOOD,DUCT,FILTER-PRO SHOP	0.00	450.00	
001913	LUXOTTICA OF AMERICA, INC	04/18/2023	Regular	0.00	2,023.23	85787
6914706184	Invoice	04/02/2023	GOLF-EYEWEAR-PRO SHOP	0.00	2,023.23	
000795	MILE HIGH TURFGRASS, LLC	04/18/2023	Regular	0.00	4,367.00	85788
10196	Invoice	04/07/2023	GOLF-CHEMICALS-MAINT	0.00	4,367.00	
001724	NEXBELTS, LLC	04/18/2023	Regular	0.00	506.22	85789
337623	Invoice	04/03/2023	GOLF-BELTS-PRO SHOP	0.00	506.22	
000862	O'REILLY AUTO PARTS	04/18/2023	Regular	0.00	193.23	85790
4489-449151	Invoice	04/06/2023	GOLF-FILTER,OIL-MAINT	0.00	52.65	
4489-449467	Invoice	04/07/2023	GOLF-BATTERY-MAINT	0.00	140.58	
000999	SHAMROCK FOODS COMPANY	04/18/2023	Regular	0.00	797.23	85791
27667745-2	Credit Memo	04/01/2023	GOLF-SUPPLIES CREDIT-PRO SHOP	0.00	-106.99	
27667745-3	Credit Memo	04/01/2023	GOLF-SUPPLIES CREDIT-PRO SHOP	0.00	-72.16	
27723416	Invoice	04/06/2023	GOLF-FOOD-PRO SHOP	0.00	845.88	
27729087	Invoice	04/07/2023	GOLF-FOOD-PRO SHOP	0.00	58.61	
57000100141001	Invoice	04/01/2023	GOLF-SUPPLIES-PRO SHOP	0.00	71.89	
001022	SOUTHERN GLAZER'S OF CO	04/18/2023	Regular	0.00	365.24	85792
5250640	Invoice	04/05/2023	GOLF-LIQUOR-PRO SHOP	0.00	365.24	
001052	SWIRE COCA-COLA, USA	04/18/2023	Regular	0.00	512.68	85793
24908204073	Invoice	04/07/2023	GOLF-DRINKS-PRO SHOP	0.00	512.68	
001508	THE TORO COMPANY	04/18/2023	Regular	0.00	2,679.00	85794
964791-2023	Invoice	04/04/2023	GOLF-SERVICE AGRMT-MAINT	0.00	2,679.00	
001207	WESTERN DISTRIBUTING INC	04/18/2023	Regular	0.00	172.16	85795

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Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
739546	Invoice	04/07/2023	GOLF-MERCHANDISE-PRO SHOP	0.00	172.16	

Bank Code Golf Course Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	60	31	0.00	45,471.93
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	0	0	0.00	0.00
EFT's	0	0	0.00	0.00
	60	31	0.00	45,471.93

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Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
Bank Code: Pooled Cash-Pooled Cash						
001301	AAA AUTO PARTS INC	04/11/2023	Regular	0.00	50.97	100137
164836	Invoice	04/01/2023	GF-DUMP TRUCK PARTS-STREETS	0.00	26.13	
164846	Invoice	04/01/2023	GF-DUMP TRUCK PARTS-STREETS	0.00	24.84	
002254	ADIDAS AMERICA INC	04/11/2023	Regular	0.00	902.24	100138
6159260853	Invoice	04/01/2023	GF-SUPPLIES-PARKS	0.00	902.24	
001293	AMAZON.COM	04/11/2023	Regular	0.00	998.08	100139
19G1-JDG9-CL7K	Invoice	04/05/2023	SUPPLIES-VARIOUS	0.00	1,001.39	
1DLQ-T17M-7NKF	Credit Memo	04/04/2023	GF-SUPPLIES CREDIT-PW SHOP	0.00	-61.99	
1HKP-JLMH-DDRG	Credit Memo	04/05/2023	GF-SUPPLIES CREDIT-STREETS	0.00	-100.28	
1XVP-DXLP-D7XT	Invoice	04/05/2023	IT - Amazon Purchases	0.00	158.96	
000103	ASSOCIATED BUILDING	04/11/2023	Regular	0.00	4,797.00	100140
INV-40687	Invoice	04/01/2023	Gymnasium Gym Equipment Repair	0.00	4,797.00	
000108	AUSMUS LAW FIRM PC	04/11/2023	Regular	0.00	1,200.00	100141
8065	Invoice	04/01/2023	GF-PROSECUTION SRVS-COURT	0.00	1,200.00	
001820	BADGER METER	04/11/2023	Regular	0.00	1,503.49	100142
80123832	Invoice	04/01/2023	UF-BEACON HOSTING/LTE SRVC/ANNUAL LI...	0.00	1,503.49	
003000	BRENDAN REED	04/11/2023	Regular	0.00	19,480.00	100143
04/03/23	Invoice	04/03/2023	Pearson Park Backstop - Blue Field	0.00	9,740.00	
4/3/23	Invoice	04/03/2023	Pearson Park Backstop - Red Field	0.00	9,740.00	
000247	CLIFTONLARSONALLEN LLP	04/11/2023	Regular	0.00	1,879.50	100144
3644316	Invoice	04/05/2023	GF-TAX CONSULT-FIN	0.00	1,879.50	
000268	COLORADO ANALYTICAL LAB	04/11/2023	Regular	0.00	72.00	100145
230314008	Invoice	04/06/2023	UF-COLIFORM-W LINES	0.00	48.00	
230317045	Invoice	04/01/2023	UF-COLIFORM-W LINES	0.00	24.00	
002651	COLORADO COMMUNITY MEDIA	04/11/2023	Regular	0.00	499.00	100146
83431	Invoice	04/07/2023	GF-NOTICE-CITY CL	0.00	499.00	
000307	COMCAST CABLE COMM, LLC	04/11/2023	Regular	0.00	326.28	100147
0116038-APR23	Invoice	04/26/2023	REC-APR23 PHONE SERVICE	0.00	175.28	
0124495 APR23	Invoice	04/01/2023	CPR-CABLE-COM CTR	0.00	151.00	
003210	COPPERTOP ENTERPRISES	04/11/2023	Regular	0.00	16,351.22	100148
BCI324041	Invoice	04/01/2023	Pearson Park Batting Cages	0.00	16,351.22	
000321	COUNTERTRADE PRODUCTS INC	04/11/2023	Regular	0.00	1,678.00	100149
SI-00041230	Invoice	04/01/2023	Metal for PW Vehicles	0.00	1,678.00	
000361	DBC IRRIGATION SUPPLY	04/11/2023	Regular	0.00	1,410.71	100150
S4922102.001	Invoice	04/07/2023	CEM-SUPPLIES	0.00	1,410.71	
002961	DHM DESIGN CORPORATION	04/11/2023	Regular	0.00	7,293.41	100151
46458	Invoice	04/01/2023	GF- Splash Park Full Design -Parks	0.00	7,293.41	
000445	EWING IRRIGATION PRODUCTS INC	04/11/2023	Regular	0.00	610.13	100152
011422887	Invoice	04/01/2023	GF-PLANTER MIX-PARKS	0.00	113.47	
011422925	Invoice	04/01/2023	GF-PLANTER MIX-PARKS	0.00	113.47	
011423050	Invoice	04/01/2023	GF-PLANTER MIX-PARKS	0.00	113.47	
011423559	Invoice	04/01/2023	GF-SOIL&MIX-PARKS	0.00	269.72	
000455	FASTENAL COMPANY 01COFTL	04/11/2023	Regular	0.00	282.76	100153
COFTL192477	Invoice	04/01/2023	GF-DRILL BITS-PW SHOP	0.00	38.78	
COFTL192529	Invoice	04/01/2023	GF-BACKHOE PARTS-STREETS	0.00	92.18	
COFTL192743	Invoice	03/15/2023	GF-SUPPLIES-PW SHOP	0.00	151.80	
003270	FRONTIER FIRE PROTECTION, LLC	04/11/2023	Regular	0.00	705.00	100154

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Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
00038781	Invoice	04/01/2023	REC-SPRINKLER	0.00	705.00	
000526	GERARDO CONCRETE	04/11/2023	Regular	0.00	121,959.00	100155
04/05/23	Invoice	04/05/2023	Batting Cage Installation	0.00	9,669.00	
4/4/23	Invoice	04/04/2023	CPR-BATTING CAGES-COM CTR	0.00	850.00	
4/5/23	Invoice	04/05/2023	GF - Com.Center Park Trail Paving - Parks	0.00	111,440.00	
002674	HAYES POZNANOVIC KORVER, LLC	04/11/2023	Regular	0.00	4,028.50	100156
47786	Invoice	04/05/2023	SWTX-LEGAL FEES-WTP	0.00	4,028.50	
000618	J. J. KELLER & ASSOCIATES, INC	04/11/2023	Regular	0.00	304.72	100157
9107886677	Invoice	04/07/2023	GF-SUPPLIES-PW SHOP	0.00	304.72	
003283	JESSICA SPITZER	04/11/2023	Regular	0.00	200.00	100158
#2007171.001	Invoice	04/04/2023	REC-REFUND	0.00	200.00	
000691	KONE INC	04/11/2023	Regular	0.00	596.48	100159
1158506887	Invoice	04/01/2023	REC-ELEVATOR INSPECTION	0.00	596.48	
000698	L.G. EVERIST, INC	04/11/2023	Regular	0.00	2,566.95	100160
636884	Invoice	03/27/2023	SD-SUPPLIES-ST DR	0.00	953.98	
637203	Invoice	03/29/2023	UF-SUPPLIES-ST DR	0.00	1,612.97	
003281	MICHELLE MAGELSEN	04/11/2023	Regular	0.00	92.42	100161
4/3/23	Invoice	04/01/2023	GF-MILEAGE-CITY ADM	0.00	92.42	
000865	OFFICE DEPOT	04/11/2023	Regular	0.00	73.67	100162
304448968001	Invoice	04/01/2023	GF-OFFICE SUPPLIES-ADMIN	0.00	73.67	
000862	O'REILLY AUTO PARTS	04/11/2023	Regular	0.00	857.65	100163
4489-442628	Invoice	04/07/2023	CEM-MOWER SUPPLIES	0.00	268.12	
4489-442658	Invoice	04/07/2023	CEM-PUSH WALKER SUPPLIES	0.00	99.42	
4489-443052	Invoice	03/09/2023	GF-SUPPLIES-PW SHOP	0.00	56.98	
4489-444480	Invoice	04/07/2023	GF-PUSH BUTTON CLASSES-PW SHOP	0.00	94.95	
4489-445960	Invoice	04/07/2023	GF-SUPPLIES-STREETS	0.00	87.96	
4489-447176	Invoice	04/07/2023	GF-SUPPLIES-FLEET&EQUIP	0.00	53.47	
4489-448613	Invoice	04/07/2023	GF-SUPPLIES-PW SHOP	0.00	20.97	
4489-448828	Invoice	04/07/2023	GF-SUPPLIES-PW SHOP	0.00	175.78	
000896	PETTY CASH-FINANCE	04/11/2023	Regular	0.00	135.09	100164
MAR 23	Invoice	04/04/2023	GF-MAR23 REIMBURSE POP FUND	0.00	60.00	
MAR-23	Invoice	04/04/2023	GF-PETTY CASH FIN MAR23	0.00	75.09	
002265	QUADIENT FINANCE USA INC	04/11/2023	Regular	0.00	348.68	100165
3/27/23	Invoice	04/26/2023	FEB23 POSTAGE	0.00	348.68	
000931	R & L TIRES	04/11/2023	Regular	0.00	321.49	100166
47510	Invoice	04/01/2023	UF-TIRE REPAIR-W LINES	0.00	38.00	
47730	Invoice	04/01/2023	GF-TIRE REPAIR-STREETS	0.00	283.49	
003284	SARAH CORBITT	04/11/2023	Regular	0.00	210.00	100167
#2007172.001	Invoice	04/04/2023	REC-REFUND	0.00	210.00	
002765	SOUTH ADAMS COUNTY WATER & SANITATION D	04/11/2023	Regular	0.00	3,675.00	100168
FTL 2023	Invoice	04/01/2023	UF-Fulton Augmentation Capacity Lease-Wa...	0.00	3,675.00	
001137	UNITED POWER	04/11/2023	Regular	0.00	32,427.11	100169
10553102 MAR23	Invoice	03/31/2023	United Power	0.00	22.42	
1195501 MAR23	Invoice	03/31/2023	United Power	0.00	1,553.65	
1195603 MAR23	Invoice	03/31/2023	United Power	0.00	208.40	
1196401 MAR23	Invoice	03/31/2023	United Power	0.00	33.82	
1207701 MAR23	Invoice	03/31/2023	United Power	0.00	21.05	
1223101 MAR23	Invoice	03/31/2023	United Power	0.00	20.00	
1240301 MAR23	Invoice	03/31/2023	United Power	0.00	146.27	
1241801 MAR23	Invoice	03/31/2023	United Power	0.00	347.90	

Check Report

Date Range: 04/05/2023 - 04/18/2023

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
1241903 MAR23	Invoice	03/31/2023	United Power	0.00	121.69	
1276101 MAR23	Invoice	03/31/2023	United Power	0.00	99.11	
1279801 MAR23	Invoice	03/31/2023	United Power	0.00	24.72	
1295501 MAR23	Invoice	03/31/2023	United Power	0.00	53.98	
1296101 MAR23	Invoice	03/31/2023	United Power	0.00	165.35	
1299501 MAR23	Invoice	03/31/2023	United Power	0.00	112.00	
1302801 MAR23	Invoice	03/31/2023	United Power	0.00	1,700.90	
1302901 MAR23	Invoice	03/31/2023	United Power	0.00	160.54	
1316801 MAR23	Invoice	03/31/2023	United Power	0.00	510.17	
1322501 MAR23	Invoice	03/31/2023	United Power	0.00	4,639.62	
1360303 MAR23	Invoice	03/31/2023	United Power	0.00	33.47	
13842400 MAR23	Invoice	03/31/2023	United Power	0.00	45.37	
14427100 MAR23	Invoice	03/31/2023	United Power	0.00	97.11	
15232500 MAR23	Invoice	03/31/2023	United Power	0.00	22.22	
17149700 MAR23	Invoice	03/31/2023	United Power	0.00	57.03	
17761600 MAR23	Invoice	03/31/2023	United Power	0.00	20.00	
17868800 MAR23	Invoice	03/31/2023	United Power	0.00	20.00	
18057500 MAR23	Invoice	03/31/2023	United Power	0.00	711.00	
18498400 MAR23	Invoice	03/31/2023	United Power	0.00	313.09	
18762100 MAR23	Invoice	03/31/2023	United Power	0.00	41.76	
19545100 MAR23	Invoice	03/31/2023	United Power	0.00	836.11	
20040100MAR23	Invoice	03/31/2023	United Power	0.00	417.90	
21675200 MAR23	Invoice	03/31/2023	United Power	0.00	41.52	
21675300 MAR23	Invoice	03/31/2023	United Power	0.00	35.56	
22185901 MAR23	Invoice	03/31/2023	United Power	0.00	20.02	
3399301 MAR23	Invoice	03/31/2023	United Power	0.00	52.13	
6612303 MAR23	Invoice	03/31/2023	United Power	0.00	21.07	
6779701 MAR23	Invoice	03/31/2023	United Power	0.00	6,713.48	
704901 MAR23	Invoice	03/31/2023	United Power	0.00	8,479.29	
7225800 MAR23	Invoice	03/31/2023	United Power	0.00	20.00	
726705 MAR23	Invoice	03/31/2023	United Power	0.00	20.00	
7280200 MAR23	Invoice	03/31/2023	United Power	0.00	21.59	
733101 MAR23	Invoice	03/31/2023	United Power	0.00	249.99	
762901 MAR23	Invoice	03/31/2023	United Power	0.00	94.10	
803908 MAR23	Invoice	03/31/2023	United Power	0.00	3,471.55	
8976200 MAR23	Invoice	03/31/2023	United Power	0.00	630.16	
	Void	04/11/2023	Regular	0.00	0.00	100170
	Void	04/11/2023	Regular	0.00	0.00	100171
001149	UTILITY NOTIFICATION CENTER	04/11/2023	Regular	0.00	340.56	100172
223030588	Invoice	04/01/2023	SSTX-MAR23 RTL TRANSMISSIONS-STREETS	0.00	340.56	
001156	VERIZON WIRELESS SVCS LLC	04/11/2023	Regular	0.00	5,371.59	100173
9931119494	Invoice	03/26/2023	Verizon Bill	0.00	5,371.59	
003142	VORTEX USA INC.	04/11/2023	Regular	0.00	51,489.58	100174
54339	Invoice	04/01/2023	GF-SPLASHPAD MECH EQUIPMENT & PLAY F...	0.00	51,489.58	
001174	WAGNER EQUIPMENT CO.	04/11/2023	Regular	0.00	855.09	100175
POOC2561586	Invoice	03/15/2023	GF-BACKHOE SUPPLIES-STREETS	0.00	401.20	
POOC2561587	Invoice	04/07/2023	GF-LOADER SUPPLIES-STREETS	0.00	453.89	
001963	WASTE CONNECTIONS OF COLO, INC	04/11/2023	Regular	0.00	1,187.46	100176
6902752V311	Invoice	03/31/2023	Waste Connections	0.00	336.28	
6902905V311	Invoice	03/31/2023	Waste Connections	0.00	133.59	
6902906V311	Invoice	03/31/2023	Waste Connections	0.00	193.79	
6902907V311	Invoice	03/31/2023	Waste Connections	0.00	345.72	
6902908V311	Invoice	03/31/2023	Waste Connections	0.00	64.78	
6902909V311	Invoice	03/31/2023	Waste Connections	0.00	113.30	
001189	WELD COUNTY ACCTG DEPART	04/11/2023	Regular	0.00	11,468.21	100177

Check Report

Date Range: 04/05/2023 - 04/18/2023

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
4/6/23	Invoice	04/06/2023	MAR23 FUEL CHARGES	0.00	11,468.21	
002076	WELD COUNTY REGIONAL COMMUNICATIONS	04/11/2023	Regular	0.00	88,413.00	100178
103689-1	Invoice	04/05/2023	GF-2023 DISPATCH SERVICES-PD	0.00	88,413.00	
001203	WELD COUNTY SHERIFF'S OFFICE	04/11/2023	Regular	0.00	30.30	100179
1830 022023	Invoice	04/01/2023	GF-JAIL FEES-COURT	0.00	30.30	
002660	WHITESIDE'S BOOTS AND CLOTHING	04/11/2023	Regular	0.00	139.99	100180
424525	Invoice	04/01/2023	GF-UNIFORMS-B&G	0.00	139.99	
002660	WHITESIDE'S BOOTS AND CLOTHING	04/11/2023	Regular	0.00	175.00	100181
86599	Invoice	04/01/2023	GF-UNIFORM-STREETS	0.00	175.00	
002115	WILLIAMS EQUIPMENT LLC	04/11/2023	Regular	0.00	1,880.58	100182
22160	Invoice	03/15/2023	UF-TRAINING/SUPPLIES-S LINES	0.00	1,880.58	
001224	XCEL ENERGY-GAS	04/11/2023	Regular	0.00	2,548.44	100183
822017788	Invoice	04/01/2023	MAR23 GAS BILLS	0.00	2,548.44	
000026	ACTIVE CABLING & COMMUNICATIONS LLC	04/13/2023	Regular	0.00	536.50	100184
202906	Invoice	04/05/2023	GF-CABLE, FACEPLATE-MISC	0.00	536.50	
000031	ADAMSON POLICE PRODUCTS	04/13/2023	Regular	0.00	90.85	100185
INV393535	Invoice	04/01/2023	GF-UNIFORMS/PANT,NAMEPLATE-PD	0.00	11.65	
INV394012	Invoice	04/01/2023	GF-UNIFORMS/WOMEN PANTS-PD	0.00	79.20	
003196	AMAZE HEALTH	04/13/2023	Regular	0.00	1,620.00	100186
INV-1217 MAR 23	Invoice	04/01/2023	GF-MONTHLY USER FEE-MISC	0.00	1,620.00	
001293	AMAZON.COM	04/13/2023	Regular	0.00	348.70	100187
171M-QWXM-CN...	Invoice	04/05/2023	GF-VOLUNTEER APPR/BAGS,BALLOONS-CO...	0.00	300.94	
1CLG-H1PG-DF3P	Credit Memo	04/05/2023	GF-BOOK CUBE CREDIT-PLANNING	0.00	-42.21	
1KC9-V6VM-GXKY	Invoice	04/01/2023	GF-DESK CHAIR-PLANNING	0.00	89.97	
002122	BURNS & MCDONNELL ENGINEERING CO INC	04/13/2023	Regular	0.00	21,829.16	100188
139581-15	Invoice	04/11/2023	UF-Left Station & Metro Line Design-WWTP	0.00	21,829.16	
000216	CHAMBER OF COMMERCE	04/13/2023	Regular	0.00	80.00	100189
04/06/23	Invoice	04/06/2023	GF-LUNCHEON 4/12 PENA-CITY CL	0.00	20.00	
4/11/23	Invoice	04/11/2023	GF-LUNCHEON 4/12 C ROMANO-COM EVEN...	0.00	20.00	
4/6/23	Invoice	04/06/2023	GF-LUNCHEON 4/12 RICE,CALDWELL-HR	0.00	40.00	
000241	CITY OF FT LUPTON-UTIL INVOICE	04/13/2023	Regular	0.00	9,291.33	100190
110035001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
110221001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
110222001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
110251001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
330025001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
330031001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
330045001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	151.11	
330166001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	97.34	
330920000 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
550055501 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	158.31	
550057001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	527.11	
550057601 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	3,018.91	
550057701 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
660092001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
770109501 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
770116501 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
770229001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
770229501 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
770229601 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
770231101 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	

Check Report

Date Range: 04/05/2023 - 04/18/2023

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
990004001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
990004101 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	91.25	
990005001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	256.20	
990006001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
990007001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
990008001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	34.65	
990132001 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	4,229.54	
999910000 MAR23	Invoice	03/31/2023	Water/Sewer Bill-City	0.00	103.21	
	Void	04/13/2023	Regular	0.00	0.00	100191
000268	COLORADO ANALYTICAL LAB	04/13/2023	Regular	0.00	115.00	100192
230317046	Invoice	04/01/2023	UF-DRINKING WATER QUALITY-W LINES	0.00	115.00	
002651	COLORADO COMMUNITY MEDIA	04/13/2023	Regular	0.00	499.00	100193
84113	Invoice	04/14/2023	GF-NOTICE OF AVAILABILITY-CITY CL	0.00	499.00	
000306	COMCAST BUSINESS	04/13/2023	Regular	0.00	4,746.92	100194
168394733	Invoice	03/15/2023	Comcast Phones	0.00	2,537.48	
169549021	Invoice	04/01/2023	APR23 INTERNET SERVICE	0.00	2,209.44	
000307	COMCAST CABLE COMM, LLC	04/13/2023	Regular	0.00	256.23	100195
0208785 APR23	Invoice	04/04/2023	GF-APR23 INTERNET SERVICE-PLANNING	0.00	256.23	
001517	CORE&MAIN LP	04/13/2023	Regular	0.00	6,050.92	100196
S451836	Invoice	04/01/2023	UF-DOMES,LIDS-W LINES	0.00	2,892.24	
S451837	Invoice	04/01/2023	UF-LIDS,DOMES,MTR PIT RMP-W LINES	0.00	1,069.08	
S464179	Invoice	04/01/2023	UF-BALL CURB-W LINES	0.00	2,089.60	
000445	EWING IRRIGATION PRODUCTS INC	04/13/2023	Regular	0.00	344.97	100197
011426517	Invoice	04/06/2023	GF-PLANTERS MIX-PARKS	0.00	344.97	
000455	FASTENAL COMPANY 01COFTL	04/13/2023	Regular	0.00	167.09	100198
COFTL192272	Invoice	04/01/2023	GF-EYEWEAR,VEST-STREETS	0.00	43.93	
COFTL192949	Invoice	04/01/2023	SD-PART/SLING-ST DR	0.00	123.16	
000487	FORT LUPTON PACK & SHIP	04/13/2023	Regular	0.00	216.00	100199
3/1/23	Invoice	04/01/2023	GF-PAMPHLET COPIES-PD	0.00	216.00	
000536	GOLF AND SPORT SOLUTIONS LLC	04/13/2023	Regular	0.00	780.00	100200
42857	Invoice	04/01/2023	GF-SOIL-PARKS	0.00	780.00	
000546	GREEN MILL SPORTSMAN'S CLUB	04/13/2023	Regular	0.00	150.00	100201
113	Invoice	04/04/2023	GF-TRAINING-PD	0.00	150.00	
000597	INSIGHT PUBLIC SECTOR INC	04/13/2023	Regular	0.00	755.29	100202
1101007337	Credit Memo	12/08/2022	GF-AUTOCAD LICENSE FOR NEW ENGINEER-IT	0.00	-1,375.33	
1101042233	Invoice	04/06/2023	Exclaimer eMail Signature 1yr	0.00	2,130.62	
003260	KING SURVEYORS, LLC	04/13/2023	Regular	0.00	4,463.00	100203
418849	Invoice	04/01/2023	Surveying	0.00	4,463.00	
003101	LANGUAGELINE SOLUTIONS	04/13/2023	Regular	0.00	84.46	100204
10970269	Invoice	04/01/2023	GF-INTERPRETATION-PD	0.00	84.46	
000714	LEGACY SCHOOL OF DANCE LLC	04/13/2023	Regular	0.00	2,072.00	100205
4/7/23	Invoice	04/07/2023	REC-FEB/MAR LEGACY PMT	0.00	2,072.00	
000716	LEONARD B. MEDOFF, Ph.D.	04/13/2023	Regular	0.00	400.00	100206
1/28/23	Invoice	04/01/2023	GF-PSYCH EVAL-PD	0.00	400.00	
000865	OFFICE DEPOT	04/13/2023	Regular	0.00	212.76	100207
304448364001	Invoice	04/01/2023	GF-NOTARY STAMP-ADMIN	0.00	29.87	
305596592001	Invoice	04/01/2023	GF-OFFICE SUPPLIES-ADMIN/COURT	0.00	16.08	
305597523001	Invoice	04/01/2023	GF-DOME LIDS, DISH GEL-ADMIN	0.00	46.55	
305597524001	Invoice	04/01/2023	GF-ORGANIZERS-COURT	0.00	64.98	

Check Report

Date Range: 04/05/2023 - 04/18/2023

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
305597525001	Invoice	04/01/2023	GF-BACKPACK-COURT	0.00	20.29	
305597526001	Invoice	04/01/2023	GF-DRY ERASE FRAME-COURT	0.00	34.99	
003136	PATRICK REYNOLDS	04/13/2023	Regular	0.00	450.00	100208
003	Invoice	04/03/2023	GF-VOLUNTEER APPR-COM EVENTS	0.00	450.00	
003044	PEAK FORM, LLC	04/13/2023	Regular	0.00	400.00	100209
1461K25213	Invoice	04/01/2023	GF-PRE-EMPLOYMENT SCREENS	0.00	400.00	
003213	PRAIRIE DOG PROS	04/13/2023	Regular	0.00	5,010.00	100210
2001	Invoice	04/08/2023	GF-Prairie Dog Mitigation-PW	0.00	5,010.00	
001643	PROCEDURE INC	04/13/2023	Regular	0.00	46,671.45	100211
0097527-IN	Invoice	04/01/2023	GF-MAR23 INSPECTION FEES-BLDG INSP	0.00	46,671.45	
000932	R & M SERVICES	04/13/2023	Regular	0.00	71.97	100212
10723	Invoice	04/01/2023	GF-TIRE REPAIR-PD	0.00	10.00	
10724	Invoice	04/01/2023	GF-TIRE REPAIR/BATTERY-PD	0.00	25.00	
10726	Invoice	04/03/2023	GF-TIRE REPAIR/OIL-PD	0.00	36.97	
003150	REDI SERVICES, LLC	04/13/2023	Regular	0.00	180.00	100213
0000021301	Invoice	04/01/2023	CEM-PORTABLE TOILET SERVICE	0.00	180.00	
002315	SARAH DELGADO	04/13/2023	Regular	0.00	50.00	100214
4/11/23	Invoice	04/11/2023	CEM-S DELGADO FLOWER REFUND	0.00	50.00	
003067	SEALMASTER	04/13/2023	Regular	0.00	1,583.53	100215
23-0129	Invoice	04/01/2023	GF-SAND/ADHESION-PARKS	0.00	1,205.89	
23-0173	Invoice	04/05/2023	GF-FREIGHT-PARKS	0.00	377.64	
001040	STERICYCLE	04/13/2023	Regular	0.00	60.00	100216
8003683717	Invoice	04/01/2023	GF-MAR23 SHREDDING SVCS-CITY CLERK	0.00	60.00	
001053	SYMBOL ARTS	04/13/2023	Regular	0.00	307.50	100217
#0457850	Invoice	04/01/2023	GF-BADGES-PD	0.00	307.50	
001101	TODD HODGES DESIGN, LLC	04/13/2023	Regular	0.00	11,877.50	100218
3510	Invoice	04/10/2023	GF-PLANNING SRVCS 3/27-4/10-PLANNING	0.00	11,877.50	
002132	VECTOR DISEASE CONTROL	04/13/2023	Regular	0.00	3,301.20	100219
PI-A00012133	Invoice	04/01/2023	GF-Mosquito Management - PW	0.00	3,301.20	
001212	WILLIAMS AND WEISS CONSULTING	04/13/2023	Regular	0.00	7,140.00	100220
1820	Invoice	03/31/2023	Water Engineering Services	0.00	7,140.00	
000119	BANK OF COLORADO	04/07/2023	Bank Draft	0.00	6,566.69	DFT0002149
INV0001358	Invoice	04/07/2023	HSA DISTRIBUTION	0.00	6,566.69	
000119	BANK OF COLORADO	04/07/2023	Bank Draft	0.00	865.83	DFT0002150
INV0001359	Invoice	04/07/2023	HSA DISTRIBUTION	0.00	865.83	
001416	VALIC_1	04/07/2023	Bank Draft	0.00	42,251.85	DFT0002151
INV0001360	Invoice	04/07/2023	VALIC - 457(b) \$ Contributions	0.00	42,251.85	
001265	IRS	04/07/2023	Bank Draft	0.00	70,959.22	DFT0002152
INV0001361	Invoice	04/07/2023	Federal Withholding	0.00	70,959.22	
001418	CO DEPARTMENT OF REVENUE	04/07/2023	Bank Draft	0.00	12,395.00	DFT0002153

Check Report

Date Range: 04/05/2023 - 04/18/2023

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Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
INV0001362	Invoice	04/07/2023	CO Withholding	0.00	12,395.00	

Bank Code Pooled Cash Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	199	81	0.00	523,949.68
Manual Checks	0	0	0.00	0.00
Voided Checks	0	3	0.00	0.00
Bank Drafts	5	5	0.00	133,038.59
EFT's	0	0	0.00	0.00
	204	89	0.00	656,988.27

All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	259	112	0.00	569,421.61
Manual Checks	0	0	0.00	0.00
Voided Checks	0	3	0.00	0.00
Bank Drafts	5	5	0.00	133,038.59
EFT's	0	0	0.00	0.00
	264	120	0.00	702,460.20

Fund Summary

Fund	Name	Period	Amount
600	GOLF ENTERPRISE FUND	4/2023	45,471.93
999	POOLED CASH/CONSOLIDATED CASH	4/2023	656,988.27
			702,460.20

**RECORD OF PROCEEDINGS
FORT LUPTON CITY COUNCIL/ENTERPRISE BOARDS
APRIL 4, 2023**

The City Council of the City of Fort Lupton met in a regular session at the City Complex, 130 South McKinley Avenue, the regular meeting place of the City Council, on Tuesday, April 4, 2023. Mayor Zo Hubbard called the meeting to order at 6:03 p.m. and invited everyone to join her in the Pledge of Allegiance.

ROLL CALL

Mari Peña, City Clerk, called the roll. Those present were Mayor Zo Hubbard, Councilmembers, Chris Ceretto, Bruce Fitzgerald, Valerie Blackston, Carlos Barron, and Claud Hanes. Councilmember David Crespín was absent.

Also present were City Administrator, Chris Cross, City Clerk, Mari Peña, City Attorney, Andy Ausmus, Planning Director, Todd Hodges, and Finance Director, Leann Perino.

PROCLAMATION

Mayor Hubbard read the Sexual Assault Awareness Month Proclamation and proclaimed the month of April as Sexual Assault Awareness Month for the City of Fort Lupton.

PERSONS TO ADDRESS COUNCIL

Shasta Baca, Brighton Police Department Lead Victim Advocate Specialist, stated the Brighton Office for victim assistance is proud to provide services to the community of Fort Lupton and that every person that reports sexual assault is heard and believed. She thanked the City Council, Chief Fryer, and the Fort Lupton Police Department for their support in helping the victims of sexual assault and by issuing the Proclamation it aids in lifting the veil of secrecy against sexual assault.

APPROVAL OF AGENDA

Staff requested to add RESOLUTION 2022R078 to the Consent Agenda to add wording to the Resolution that states, "Authorize the Mayor to Sign." Staff also requested to add AM 2023-066 to the Action Memorandum for approval of a Resolution in opposition to statewide land use and zoning preemptions in senate bill 23-213. It was moved by Bruce Fitzgerald and seconded by Valerie Blackston to approve the agenda as amended. Motion passed unanimously on voice vote.

REVIEW OF ACCOUNTS PAYABLES

Council reviewed the April 4, 2023, payables; there were no questions or comments from the Mayor or Council.

**RECORD OF PROCEEDINGS
FORT LUPTON CITY COUNCIL/ENTERPRISE BOARDS
APRIL 4, 2023**

CONSENT AGENDA

It was moved by Bruce Fitzgerald and seconded by Valerie Blackston to approve the Consent Agenda as presented with the following items:

- March 21, 2023 City Council Meeting Minutes
- Approving a Resolution 2023R014 RATIFYING THE MAYOR'S APPOINTMENT OF ROBERTO CARDENAS TO THE CEMETERY ADVISORY COMMITTEE FOR A TERM BEGINNING APRIL 4, 2023, AND ENDING DECEMBER 31, 2023 (AM 2023-059)
- Approval of Payment to the Weld Regional Communications Center (WRCC) in the Amount of \$88,413.00 for Dispatch Services, Allocated from the Police Department Fund (AM 2023-060)
- Approving the Purchase of a John Deere Gator from 4 Rivers Equipment for an Amount Not to Exceed \$20,941.86 (AM 2023-061)
- Approving the Agreement to Retain Stifel as the Underwriter for the Issuance of Certificates of Participation (COPs) (AM 2023-063)
- Approving an Addendum to the Service Agreement dated November 1, 2022 by and between Ausmus Law Firm, P.C. and The City of Fort Lupton to Amend Paragraph 4 of the Municipal Services Agreement to a Flat Fee of \$6500.00 per month for legal services performed as City Attorney (AM 2023-064)
- A Resolution of the City of Fort Lupton Authorizing Submittal of The Full Application for the Community Impact Program Grant with the Great Outdoors Colorado for the Community Center Park Renovation Project and Authorize the Mayor to Sign

Motion passed unanimously on roll call vote.

INFORMATION MEMORANDUM

IM 2023-001 Update on the Opioid Settlement to Include Five Additional Companies

On November 2, 2021 City Council approved AM 2021-181 to Participate in the Opioid Settlement with the State of Colorado. The Colorado Opioid Settlement Tracker (COST) has been set up and will be the program used to help organize the opt-in or opt-out process. The City is proceeding with the Opt-out of direct funding option. It will join the regions resource group to maximize funding potential and limit staff requirements for tracking of funds.

Colorado has reached settlements with Teva Pharmaceutical Industries Ltd. and Allergan Finance, LLC/Allergan Limited, as well as with Walmart Inc., CVS Health Corporation/CVS Pharmacy, Inc., and Walgreen Co.

In order for Colorado to maximize its share of the settlement proceeds, these opioid

**RECORD OF PROCEEDINGS
FORT LUPTON CITY COUNCIL/ENTERPRISE BOARDS
APRIL 4, 2023**

settlements (like prior opioid settlements) require that Colorado's Local Governments participate in the settlements by releasing their opioid-related legal claims against the settling Defendants. Fort Lupton cannot receive funds from any opioid settlement it does not join. Staff will process the documents to send to the regional group similar to the first round.

Importantly, the terms of the Colorado Opioid Memorandum of Understanding ("Colorado MOU"), which governs the distribution of opioid settlement funds in Colorado, will also apply to the recent opioid settlements. Fort Lupton has already signed the Colorado MOU and does not need to re-sign it to participate in the recent opioid settlements.

ACTION MEMORANDUM

AM 2023-062 Accepting the Award of Contract to Farnsworth Group Inc. for Engineering Design of CR 12 Railroad Crossing for an Amount Not to Exceed \$96,985.00 from the Street Sales Tax Fund

Improvements to the Union Pacific Railroad crossing at CR 12 are required to maintain safe crossing with increasing traffic along CR 12.

Farnsworth Group responded to the City's On-Call Engineering Services request for qualifications and is the only firm with extensive railroad experience.

Proposal includes survey, subsurface utility survey, preliminary design (30%), final design, and construction contract documents.

It was moved by Carlos Barron and seconded by Valerie Blackston to Accept the Award of Contract to Farnsworth Group Inc. for Engineering Design of CR 12 Railroad Crossing for an Amount Not to Exceed \$96,985.00 from the Street Sales Tax Fund. Motion passed unanimously on roll call vote.

AM 2023-065 Adopting an Ordinance, as Amended Showing the Increased Parameters, Authorizing a Lease Purchase Transaction and In Connection Therewith, Authorizing the Leasing of Certain City Property and the Execution and Delivery of a Site Lease, a Lease Purchase Agreement and Other Financing Documents in Connection Therewith; and Proving Other Matters Relating Thereto

Andy Ausmus, City Attorney, presented the item to Council and indicated the lease financing option will allow the City to borrow funds without conducting an election because the payments are subject to annual appropriation, which is supported by statute. The City is authorized to enter into lease hold agreements providing collateral. The City leases a certain property to a bank or other financial institution, in consideration, leasing the property under site lease, the bank pays the city a certain amount of dollars. Mr. Ausmus specified the

**RECORD OF PROCEEDINGS
FORT LUPTON CITY COUNCIL/ENTERPRISE BOARDS
APRIL 4, 2023**

maximum parameters of repayment. The maximum annual repayment cost of base rentals payable by the City shall not exceed \$660,000.00 amended from \$600,000.00. The total repayment cost shall not exceed \$7,260,000.00, amended from \$6,600,000.00.

Alan Matlosz, Managing Director with Stifel, Stacey Mast, Vice President of Stifel, and Maria Harwood, and Courtney Diguardi with Butler Snow were also present via gotomeeting to answer any questions Council had.

It was moved by Claud Hanes and seconded by Carlos Barron to Adopt Ordinance 2023-1154, AS AMENDED SHOWING THE INCREASED PARAMETERS, AUTHORIZING A LEASE PURCHASE TRANSACTION AND IN CONNECTION THEREWITH, AUTHORIZING THE LEASING OF CERTAIN CITY PROPERTY AND THE EXECUTION AND DELIVERY OF A SITE LEASE, A LEASE PURCHASE AGREEMENT AND OTHER FINANCING DOCUMENTS IN CONNECTION THEREWITH; AND PROVING OTHER MATTERS RELATING THERETO. Motion passed unanimously on roll call vote.

AM 2023-066 Approving a Resolution in Opposition to Statewide Land Use and Zoning Preemptions in Senate Bill 23-213

Senate Bill 23-213 (the “Bill”) would place statewide mandates on hyper local land use matters and substitute the judgment of legislators and state regulators who lack the understanding needed to make the right decisions for our community. The Bill will undermine long-range planning efforts and will severely limit the ability to maintain reasonable zoning regulations to ensure a high quality of life and sound economic environment for our current and future residents, workers, and business owners.

Zoning and land use cannot be viewed separately from the impacts of proposed uses of land on surrounding properties and a community as a whole, including the ability to ensure adequate water and utilities; to provide enough public safety services, schools, and recreational services; to make sure that sufficient and safe infrastructure is available to handle increased population or more intense uses; to align development with the community’s economic goals; to prevent displacement of existing people; to preserve important historical sites; and to protect open space and the environment in general.

It was moved by Bruce Fitzgerald and seconded by Valerie Blackston to Approve Resolution 2023R015 IN OPPOSITION TO STATEWIDE LAND USE AND ZONING PREEMPTIONS IN SENATE BILL 23-213. Motion passed unanimously on roll call vote.

STAFF

Chris Cross, City Administrator, mentioned Cris Criswell passed away this weekend. Mr. Cross took a minute to recognize him for all that he has done for the Fort Lupton Community and the positive impact he made. He also announced come Saturday, April 8, 2023, Mari Peña, City

**RECORD OF PROCEEDINGS
FORT LUPTON CITY COUNCIL/ENTERPRISE BOARDS
APRIL 4, 2023**

Clerk, will officially reach her 15-year mark of working for the City of Fort Lupton.

MAYOR/COUNCIL REPORTS

Councilmember Bruce Fitzgerald stated equipment for the Splash Park has come in and a ground-breaking ceremony will be taking place soon to commemorate the start of construction for the Community Center Park Renovation Project.

Councilmember Valerie Blackston stated Mayor Hubbard and herself attended the Union Pacific Railroad dinner on April 3, 2023. She stated she learned a lot and what she took away most is that the railroad wants a notice way in advance if we want them to collaborate on a project. Mayor Hubbard stated they mentioned the City now has a Library on the opposite side of the railroad tracks. Maybe in the future we can work with the railroad to facilitate a way to get to and from the Library. She also asked for the Big Boy Engine for the City's bicentennial. Councilmember Valerie Blackston also mentioned they discussed silent areas. All in all, it was an informative dinner.

Mayor Hubbard thanked all the citizens who have sent wishes, hopes, and prayers for her brother's recovery. Yesterday, they received approval to treat him with focused proton radiation.

FUTURE CITY EVENTS

April 8, 2023	Easter Egg Hunt, 203 S. Harrison Ave. 9:00 a.m.
April 10-17, 2023	Hillside Cemetery Annual Clean-up Days
April 11, 2023	Town Hall Meeting, 130 S. McKinley Ave. 6:00 p.m.
April 18, 2023	City Council Meeting, 130 S. McKinley Ave. 6:00 p.m.
April 20, 2023	Curbside Clean-up Day (For Seniors and/or Disabled Residents)
April 22, 2023	Clean-up Day, 800 12th St. 8:00 a.m. – 12:00 p.m.
April 25, 2023	Town Hall Meeting, 130 S. McKinley Ave. 6:00 p.m.
April 26, 2023	Shredding Day, 130 S. McKinley Ave. 8:00 a.m. – 10:00 a.m.
April 26-29, 2023	Field of Honor, Pearson Park 4 Complex
May 2, 2023	Town Hall Meeting, 130 S. McKinley Ave. 6:00 p.m.

ADJOURNMENT

The meeting adjourned at 6:33 p.m.

**RECORD OF PROCEEDINGS
FORT LUPTON CITY COUNCIL/ENTERPRISE BOARDS
APRIL 4, 2023**

Submitted by,

Maricela Peña, City Clerk

Approved by City Council,

Zo Hubbard, Mayor

DRAFT

**RECORD OF PROCEEDINGS
MARIJUANA LICENSING AUTHORITY
APRIL 4, 2023**

The Marijuana Licensing Authority of the City of Fort Lupton met at the City Complex, 130 South McKinley Avenue, on Tuesday, April 4, 2023. Mayor Zo Hubbard called the meeting to order at 6:00 p.m. and invited everyone to join her in the Pledge of Allegiance.

ROLL CALL

Mari Peña, City Clerk, called the roll. Those present were Mayor Zo Hubbard, Councilmembers, Bruce Fitzgerald, Valerie Blackston, Carlos Barron, Chris Ceretto and Claud Hanes. Councilmember David Crespín was absent.

Also present were City Administrator, Chris Cross, City Clerk, Mari Peña, City Attorney, Andy Ausmus, Planning Director, Todd Hodges, and Finance Director, Leann Perino.

CONSENT AGENDA

It was moved by Chris Ceretto and seconded by Bruce Fitzgerald to approve the Consent Agenda as presented with the following items:

- March 21, 2023 Marijuana Licensing Authority Minutes

Motion passed unanimously on voice vote.

ACTION MEMORANDUM

AM 2023-002 Approving the Regulated Marijuana Business License Renewal

Application Submitted by 1310 Factory Circle, LLC

The application for 1310 Factory Circle, LLC was approved on April 5, 2022, based upon the facts and evidence presented, the Authority approved the application for a retail marijuana business conditioned upon the following:

- Applicable issuance of building permits and land use approvals as applicable,
- Approved site inspections,
- Approved security inspections,
- Any additional background information (if necessary) on any parties providing financing, and
- Maintaining compliance with all state and local laws, codes and ordinances.

Once the conditions listed have been met and the building is ready for occupancy with such furniture, fixtures and equipment in place as are necessary to comply with the applicable provisions and the local authority has inspected and approved the premises for occupancy, the City will issue the retail marijuana business license.

1310 Factory Circle, LLC is currently in the land use process with the Planning Department and is working towards finalizing the project. Once this has been completed, the applicant will pursue

**RECORD OF PROCEEDINGS
MARIJUANA LICENSING AUTHORITY
APRIL 4, 2023**

obtaining building permits.

1310 Factory Circle, LLC has submitted the Regulated Marijuana Business License Renewal Application and has made payment to the City for the renewal and operating fee of \$5,000. Because 1310 Factory Circle, LLC is currently working with the Planning Department and has submitted a renewal application along with the fee, the application remains active.

It was moved by Carlos Barron and seconded by Valerie Blackston to approve the Regulated Marijuana Business License Renewal Application Submitted by 1310 Factory Circle, LLC. Motion carried unanimously on roll call vote.

AM 2023-003 Approving the Regulated Marijuana Business License Renewal Application Submitted by Centaurus Farms, LLC

The application for Centaurus Farms, LLC was approved on June 7, 2022, based upon the facts and evidence presented, the Authority approved the application for a retail marijuana business conditioned upon the following:

- Applicable issuance of building permits and land use approvals as applicable,
- Approved site inspections,
- Approved security inspections,
- Any additional background information (if necessary) on any parties providing financing, and
- Maintaining compliance with all state and local laws, codes and ordinances.

Once the conditions listed have been met and the building is ready for occupancy with such furniture, fixtures and equipment in place as are necessary to comply with the applicable provisions and the local authority has inspected and approved the premises for occupancy, the City will issue the retail marijuana business license.

Centaurus Farms, LLC is currently in the land use process with the Planning Department and is working towards finalizing the project. Once this has been completed, the applicant will pursue obtaining building permits.

Centaurus Farms, LLC has submitted the Regulated Marijuana Business License Renewal Application and has made payment to the City for the renewal and operating fee of \$5,000. Because Centaurus Farms, LLC is currently working with the Planning Department and has submitted a renewal application along with the fee, the application remains active.

It was moved by Bruce Fitzgerald and seconded by Valerie Blackston to approve the Regulated Marijuana Business License Renewal Application Submitted by Centaurus Farms, LLC. Motion carried unanimously on roll call vote.

**RECORD OF PROCEEDINGS
MARIJUANA LICENSING AUTHORITY
APRIL 4, 2023**

AM 2023-004 Approving the Regulated Marijuana Business License Renewal Application Submitted by Centaurus Farms, LLC– Medical Marijuana Store

The application for Centaurus Farms, LLC was approved on June 7, 2022, based upon the facts and evidence presented, the Authority approved the application for a retail marijuana business conditioned upon the following:

- Applicable issuance of building permits and land use approvals as applicable,
- Approved site inspections,
- Approved security inspections,
- Any additional background information (if necessary) on any parties providing financing, and
- Maintaining compliance with all state and local laws, codes and ordinances.

Once the conditions listed have been met and the building is ready for occupancy with such furniture, fixtures and equipment in place as are necessary to comply with the applicable provisions and the local authority has inspected and approved the premises for occupancy, the City will issue the retail marijuana business license.

Centaurus Farms, LLC is currently in the land use process with the Planning Department and is working towards finalizing the project. Once this has been completed, the applicant will pursue obtaining building permits.

Centaurus Farms, LLC has submitted the Regulated Marijuana Business License Renewal Application and has made payment to the City for the renewal and operating fee of \$5,000. Because Centaurus Farms, LLC is currently working with the Planning Department and has submitted a renewal application along with the fee, the application remains active.

It was moved by Valerie Blackston and seconded by Carols Barron to approve the Regulated Marijuana Business License Renewal Application Submitted by Centaurus Farms, LLC-Medical Marijuana Store. Motion carried unanimously on roll call vote.

ADJOURNMENT

The meeting adjourned at 6:03 p.m.

**RECORD OF PROCEEDINGS
MARIJUANA LICENSING AUTHORITY
APRIL 4, 2023**

Submitted by,

Maricela Peña, City Clerk

Approved by City Council,

Zo Hubbard, Mayor

DRAFT



SUBJECT FOR DISCUSSION

Accepting an Application and Approving a Resolution Establishing All of the City of Fort Lupton as the Neighborhood for the Application Submitted by Taqueria Los Cazos, LLC dba Taqueria Los Cazos for a Hotel and Restaurant License at 123 1st Street and Setting a Public Hearing for May 16, 2023, for Consideration of the Application

SUMMARY STATEMENT/BACKGROUND DISCUSSION

Taqueria Los Cazos, LLC has submitted a complete application with the Local Licensing Authority for a Hotel and Restaurant License. The application is under concurrent review, meaning it is being reviewed by the State and Local Licensing Authorities concurrently.

Under CRS §44-3-301 the Local Licensing Authority, before granting any license, shall consider the reasonable requirements of the neighborhood and the desire of the adult inhabitants as evidenced by petitions, remonstrance or otherwise, and all other reasonable restrictions that are or may be placed upon the neighborhood by the local licensing authority.

Upon receipt of an application the local licensing authority shall schedule a public hearing upon the application not less than thirty days from the date of the application and shall post and publish the public notice thereof not less than 10 days prior to the hearing.

Staff suggests the City Council, acting as the Local License Authority Board, set all of the City of Fort Lupton as the neighborhood that will be affected by the license. The needs of the neighborhood and desires of the inhabitants are to be considered at the hearing.

FINANCIAL CONSIDERATIONS

N/A

LEGAL/POLITICAL CONSIDERATIONS

N/A

ALTERNATIVES/OPTIONS

STAFF RECOMMENDATIONS

Approve the Resolution establishing all of the City of Fort Lupton as the neighborhood for the application submitted by Taqueria Los Cazos, LLC dba Taqueria Los Cazos for a Hotel and Restaurant License at 123 1st Street and setting a Public Hearing for May 16, 2023, for consideration of the application.

Attachments: a. Proposed Resolution

Certification of Council Approval:

Ordinance No. _____

Resolution No. _____

City Clerk

Date

RESOLUTION 2023Rxxx

A RESOLUTION OF THE FORT LUPTON CITY COUNCIL, ACTING AS THE LOCAL LIQUOR LICENSING AUTHORITY, ACCEPTING THE APPLICATION, ESTABLISHING ALL OF THE CITY OF FORT LUPTON AS THE NEIGHBORHOOD FOR THE APPLICATION SUBMITTED BY TAQUERIA LOS CAZOS, LLC DBA TAQUERIA LOS CAZOS FOR A HOTEL AND RESTAURANT LICENSE AND SETTING A PUBLIC HEARING FOR MAY 16, 2023, FOR CONSIDERATION OF THE APPLICATION

WHEREAS, Taqueria Los Cazos, LLC, has submitted an application for a Hotel and Restaurant License in Fort Lupton; and

WHEREAS, Taqueria Los Cazos, Managing Member, Ruben Delgado Guzman, has been fingerprinted pursuant to statute; and

WHEREAS, the local licensing authority shall schedule a public hearing upon the application not less than thirty days from the date of the application; and

WHEREAS, before entering any decision approving or denying the application, the local licensing authority shall consider the facts and evidence adduced as a result of its investigation, as well as any other facts, the reasonable requirements of the neighborhood for the type of license for which the application has been made, the desires of the adult inhabitants, the number, type, and availability of alcohol beverage outlets located in or near the neighborhood under consideration and any other pertinent matters affecting the qualifications of the applicants for the conduct of the type of business proposed; and

WHEREAS, a resolution is required to set the affected neighborhood and establish a public hearing; and

NOW THEREFORE BE IT RESOLVED by the City Council, acting as the Local Licensing Authority, that the affected neighborhood for the application Taqueria Los Cazos, LLC dba Taqueria Los Cazos for a Hotel and Restaurant License will be all of the City of Fort Lupton, and the Public Hearing to consider the application will be May 16, 2023, at 6:00 p.m., or as soon thereafter as the matter may be heard, in the City Council Chambers at the City Hall at 130 South McKinley Avenue, Fort Lupton, Colorado. Comments filed in writing with the City or made at the hearing from any adult citizen of Fort Lupton will be considered at that hearing. Notice of the hearing shall be posted on the premises and published according to law.

**APPROVED AND PASSED BY MAJORITY VOTE OF THOSE ELECTED TO THE CITY COUNCIL THIS
18th DAY OF APRIL 2023.**

City of Fort Lupton, Colorado

Zo Hubbard, Mayor

Attest:

Maricela Peña, City Clerk

Approved as to form:

Andy Ausmus, City Attorney



SUBJECT FOR DISCUSSION

Approving the Purchase of a Dell Unity 380 Hybrid DPE DS Storage Access Network for an Amount Not to Exceed \$63,529.88, Allocated from the General Fund IT Department.

SUMMARY STATEMENT/BACKGROUND DISCUSSION

IT would like to purchase a Dell Unity 380 Hybrid DPE DS Storage Access Network (SAN) solution with expansion, for an amount not to exceed \$63,529.88. As the city is growing, the cities data is growing and we need to add additional space for storage for the cities data. The Dell Unity XT 380 is a 4U unit with 41.29TB raw capacity and a usable capacity of 30.65TB. It will come with 27 drives; 16 flash drives and 11 SAS drives. The flash drives will allow for higher IOPS for our hot storage (active/changing data) while the SAS drives will allow for cold storage (static data). The Unity will allow the data to grow while the city is growing with the ability to add additional storage at a later time as needed.

Included with the purchase is Pro Support Technical Support and assistance Critical 7x24 for 3yrs and Pro Support Mission Critical 4-hour 7x24 onsite service with emergency dispatch.

FINANCIAL CONSIDERATIONS

The General Fund IT department has \$70,000 in capital expenditures for this purchase.

LEGAL/POLITICAL CONSIDERATIONS

N/A

ALTERNATIVES/OPTIONS

Council approves the purchase of the Dell Unity 380 Hybrid DPE DS SAN as presented
Council denies the purchase of the Dell Unity 380 Hybrid DPE DS SAN

STAFF RECOMMENDATIONS

IT recommends the purchase of the Dell Unity 380 Hybrid DPE DS Storage solution as soon as possible since this is an end of quarter pricing, saving the city \$6,470.12

Attachments:
a. Dell Unity 380 Information
b. Dell Unity 380 Quote

Certification of Council Approval:

Ordinance No. _____

Resolution No. _____

City Clerk

Date

Fort Lupton**Unity XT 380**

Index	Page
System Cabinet Layout	1
General Information	1
System Tier Information	1
Pool Configuration	2
Power Information	2
I/O Configuration	2
Software Suites	3
Additional Information	3

Cabinet 1



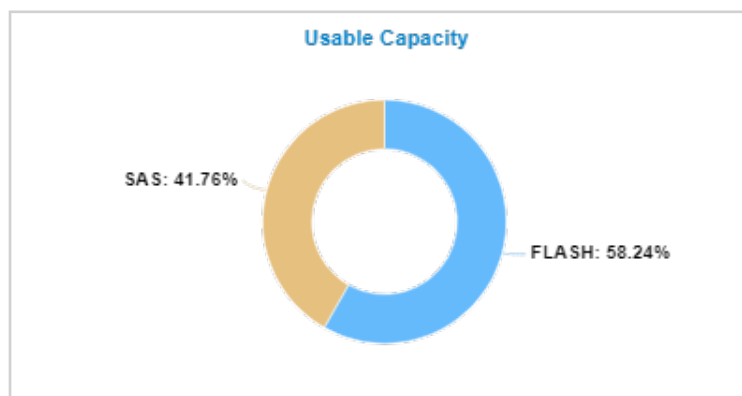
General Information

Model Number	Unity XT 380
Raw Capacity	41.29 TB
Unit Count	4 U
IOPS	35825
Block Size	8K

Usable Capacity	30.65 TB
Total Drive Count	27
Workload	80% Read - 20% Write
Capacity Utilization	NA
Configuration Type	New Solution

System Tier Information

Flash	Count	SAS	Count	NL-SAS	Count
1.6TB FLASH 3	16	1.8TB 10K	11		
Total	16		11		0
Usable Capacity	17.85 TB		12.80 TB		0.00 TB



Pool Configuration

Pool1 (Dynamic Pool)

Tier	Form Factor	Drive Type	RAID Type	Spare Policy	Drive Count	Usable Capacity	IOPS
FLASH	2.5	1.6TB FLASH 3	RAID 5 (12+1)	1/32	16	17.85 TB	35000
SAS	2.5	1.8TB 10K	RAID 6 (8+2)	1/32	11	12.80 TB	825
Total					27	30.65 TB	35825

Power Information

Power Summary	
Power Consumption	0.75 kVA
Region	United States
Input Voltage	V~208
Phases	Single Phase
Site Circuit Breaker	30
Peak Inrush Current	75 A

Environmental	
Operating Temp	Below 26C
Heat Dissipation	2331 Btu/Hr
Sound Pressure	60 db
Sound Power	7.1 bels
Weight	484 lbs
Dimensions	24 in Width x 41.33 in Depth x 75 in Height
Clearance	42 in Front x 36 in Rear x 18 in Top

Energy Cost	
Annual Energy Cost	\$ 1795
GHG Emissions	6.723 tonnes/yr
Currency	Dollar \$
PUE	2
Emission Factor	1238.39 lb/MWh
Local Utility Rate	0.15 \$/Kw-hr

I/O Configuration

Onboard CNA	10GbE Opt SFP
Additional I/O - Slot 1	4 x 10GbE BaseT

Software Suites

Unity Hybrid Base Software	• Unisphere Suite • File, Block, VVols • Snapshots • Encryption • Anti-virus • Native Replication • FAST Cache & FAST VP
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Additional Information

System Drive Tier	Extreme Performance	Date Created	31 Mar 2023
System Drives Used For Data	Yes	Midrange Sizer Version	8.7.2
Raw Percentage of Flash	56 %	Reserved NVMe Slots	No
Operating System Version	Unity 5.2		

Legal Disclaimer

Dell EMC provides Midrange Sizer as a tool to help estimate, size and analyze storage capacity and IOPS requirements for Unity, SC Series and PowerVault array. Midrange Sizer is provided solely for estimating storage sizing. Results are based on ordering requirements and best practices of product capabilities and limitations. Midrange Sizer uses a set of sizing assumptions along with provided inputs which may cause results to vary greatly due to many specific factors such as the environment setup/infrastructure, use-case and workload.

Midrange Sizer's output is not a guarantee that a storage array will meet all actual data storage sizing requirements or any expected savings.

Please carefully read all of the terms of this disclaimer. By viewing and utilizing Midrange Sizer, you acknowledge that you have read, understand and agree to this disclaimer.

* TB/GB label represents capacity in base-2 i.e. 1TB = 1024*1024*1024*1024 bytes

* True effective capacity and usable capacity are reported which is calculated after all spare space is accounted for.



A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

Quote No.	3000149284890.3	Sales Rep	Drew Boeh
Total	\$63,529.88	Phone	(800) 456-3355, 6184512
Customer #	7507260	Email	Drew_Boeh@Dell.com
Quoted On	Apr. 10, 2023	Billing To	TRAVIS AKSAMITOWSKI
Expires by	Apr. 30, 2023		CITY OF FORT LUPTON
Contract Name	Dell NASPO Computer		130 S MCKINLEY AVE
	Equipment PA - Colorado		FORT LUPTON, CO 80621-1343
Contract Code	C000000013246		
Customer Agreement #	MNWNC-108 / 2016-0000-0000-0105		
Solution ID	17531317.4		
Deal ID	23495962		

Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you are ready to place an order. Thank you for shopping with Dell!

Regards,
Drew Boeh

Shipping Group

Shipping To	Shipping Method	Install At
TRAVIS AKSAMITOWSKI CITY OF FORT LUPTON 130 S MCKINLEY AVE FORT LUPTON, CO 80621-1343 (303) 857-6694	Standard Delivery Free Cost	TRAVIS AKSAMITOWSKI CITY OF FORT LUPTON 130 S MCKINLEY AVE FORT LUPTON, CO 80621-1343 (303) 857-6694

Solution Name:
Fort Lupton Unity 380 rebuild with expansion

Product	Unit Price	Quantity	Subtotal
---------	------------	----------	----------

Unity 380 Hybrid DPE DS - AMER	\$57,679.47	1	\$57,679.47
AppSync Basic - Hybrid DS - AMER	\$0.00	1	\$0.00
Unity 25x2.5 Hybrid DAE DS - AMER	\$5,850.41	1	\$5,850.41
Dell EMC RecoverPoint for Unity XT Hybrid - AMER	\$0.00	1	\$0.00
Subtotal:			\$63,529.88
Shipping:			\$0.00
Non-Taxable Amount:			\$63,529.88
Taxable Amount:			\$0.00
Estimated Tax:			\$0.00
Total:			\$63,529.88

Shipping Group Details

Shipping To

TRAVIS AKSAMITOWSKI
CITY OF FORT LUPTON
130 S MCKINLEY AVE
FORT LUPTON, CO 80621-1343
(303) 857-6694

Shipping Method

Standard Delivery Free Cost

Install At

TRAVIS AKSAMITOWSKI
CITY OF FORT LUPTON
130 S MCKINLEY AVE
FORT LUPTON, CO 80621-1343
(303) 857-6694

Solution Name:

Fort Lupton Unity 380 rebuild with expansion

	Quantity	Subtotal
Unity 380 Hybrid DPE DS - AMER	1	\$57,679.47
Estimated delivery if purchased today:		
Apr. 27, 2023		
Contract # C000000013246		
Customer Agreement # MNWNC-108 / 2016-0000-0000-0105		

Description	SKU	Unit Price	Quantity	Subtotal
Unity 380 DPE 25 x 2.5 Dell FLD RCK LL	210-ASNO	-	1	-
File Level Retention=IC	528-CNRZ	-	1	-
Unity ISCSI=IC	528-CNSB	-	1	-
Unity NFS=IC	528-CNSC	-	1	-
File System Events Publishing=IC	528-CNSD	-	1	-
Unity D@RE=IC	528-CNSE	-	1	-
Unity VASA/vVols=IC	528-CNSF	-	1	-
Unity FAST Cache=IC	528-CNSG	-	1	-
Unity Replication=IC	528-CNSH	-	1	-
Unity Quality of service=IC	528-CNSI	-	1	-
Unity ESA Adapter=IC	528-CNSJ	-	1	-
Inline Compression=IC	528-CNSK	-	1	-
Unity EMC Proactive Assist=IC	528-CNSL	-	1	-
Cloud Tiering	528-CNSM	-	1	-
Unity Local Copies	528-CNSN	-	1	-
Unity Fibre Channel=IC	528-CNSO	-	1	-
Unity FAST VP=IC	528-CNSP	-	1	-
Unity Antivirus=IC	528-CNSQ	-	1	-
Operating System V4.0=IC	528-CNSS	-	1	-
Unity CIFS=IC	528-CNST	-	1	-
Unity Thin provisioning=IC	528-CNSU	-	1	-
Unity Unisphere=IC	528-CNSV	-	1	-
IP Multi-Tenancy=IC	528-CNSW	-	1	-
D4 SYSPACK 4X1.6TB FLASH SSD 25X2.5	400-BGCK	-	1	-
Unity CNA 4x10GbE OPT SFPs	406-BBNC	-	1	-
Unity 380 DPE Install Kit	343-BBMP	-	1	-

ProSupport Mission Critical 7x24 Technical Support and Assistance 3 Years	876-5057	-	1	-
ProSupport Mission Critical 4-Hour 7x24 Onsite Service with Emergency Dispatch 3 Years	876-5067	-	1	-
Dell Hardware Limited Warranty	876-5068	-	1	-
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355	989-3439	-	1	-
ProSupport Mission Critical, Software Support Maintenance 3 Years	826-9746	-	1	-
Prodeploy for Unity X80 DPE Hybrid and All Flash	825-0177	-	1	-
Prodeploy for Unity X80 DPE Hybrid and All Flash Deployment Verification	825-0178	-	1	-
D4 1.6TB SAS FLASH 25X2.5 SSD	400-BFXN	-	11	-
Unity 1.8TB 10K SAS 25X2.5 DRIVE	400-BFXO	-	10	-
UNITY 2X4 PORT IO 10GBE OPT	565-BBIF	-	1	-
Unity 2x3M OM4 Fiber CBL	470-ADQW	-	3	-
C13 Power Cord Pair NEMA5-15P plugs 2Mtr	450-AILB	-	1	-
ProSupport: Mission Critical 4-Hour 7x24 On-Site Hard Disk Drive Add-On, 3 Years	826-9501	-	10	-
ProSupport: Mission Critical 4-Hour 7x24 On-Site Low Capacity SSD Add-On, 3 Years	826-9543	-	15	-

			Quantity	Subtotal
AppSync Basic - Hybrid DS - AMER	\$0.00	1		\$0.00

Estimated delivery if purchased today:

Apr. 25, 2023

Contract # C000000013246

Customer Agreement # MNWNC-108 / 2016-0000-0000-0105

Description	SKU	Unit Price	Quantity	Subtotal
AppSync Unity Hybrid	210-ASOF	-	1	-
AppSync Bsc for Unity 300/380=IC	658-BEIW	-	1	-
On-Site Installation Declined	900-9997	-	1	-
ProSupport Mission Critical, AppSync, Hybrid, Basic, Software Support/Maintenance 3 Years	827-0391	-	1	-

			Quantity	Subtotal
Unity 25x2.5 Hybrid DAE DS - AMER	\$5,850.41	1		\$5,850.41

Estimated delivery if purchased today:

Apr. 27, 2023

Contract # C000000013246

Customer Agreement # MNWNC-108 / 2016-0000-0000-0105

Description	SKU	Unit Price	Quantity	Subtotal
Unity 2U 25x2.5 DAE FLD RCK	210-ASLF	-	1	-
ProSupport Mission Critical 7x24 Technical Support and Assistance 3 Years	876-4851	-	1	-
ProSupport Mission Critical 4-Hour 7x24 Onsite Service with Emergency Dispatch 3 Years	876-4854	-	1	-
Dell Hardware Limited Warranty	876-4888	-	1	-
Thank you choosing Dell ProSupport. For tech support, visit //www.dell.com/support or call 1-800- 945-3355	989-3439	-	1	-
Prodeploy for Dell EMC Unity 15 25 Drive DAE	825-0226	-	1	-

Prodeploy for Dell EMC Unity 15 25 Drive DAE Deployment Verification	825-0227	-	1	-
D4 1.6TB SAS FLASH 25X2.5 SSD	400-BFXN	-	1	-
Unity 1.8TB 10K SAS 25X2.5 DRIVE	400-BFXO	-	1	-
Unity 2x2M DAE SAS CBL	470-AEBH	-	1	-
C13 Power Cord Pair NEMA5-15P plugs 2Mtr	450-AILB	-	1	-
ProSupport: Mission Critical 4-Hour 7x24 On-Site Hard Disk Drive Add-On, 3 Years	826-9501	-	1	-
ProSupport: Mission Critical 4-Hour 7x24 On-Site Low Capacity SSD Add-On, 3 Years	826-9543	-	1	-
			Quantity	Subtotal
			\$0.00	1
				\$0.00

Dell EMC RecoverPoint for Unity XT Hybrid - AMER

Estimated delivery if purchased today:

Apr. 25, 2023

Contract # C000000013246

Customer Agreement # MNWNC-108 / 2016-0000-0000-0105

Description	SKU	Unit Price	Quantity	Subtotal
RecoverPoint for Unity XT Hybrid	210-ATUR	-	1	-
RP BASIC REM FOR UNITY =IC	528-COYI	-	1	-
RP BASIC LOC FOR UNITY =IC	528-COYJ	-	1	-
On-Site Installation Declined	900-9997	-	1	-
ProSupport Mission Critical, RecoverPoint Basic - Hybrid, Software Support/Maintenance, 3 Years	825-7279	-	1	-

Subtotal:	\$63,529.88
Shipping:	\$0.00
Estimated Tax:	\$0.00
Total:	\$63,529.88

Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All product, pricing and other information is based on the latest information available and is subject to change. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.dell.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringsspecificterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.

^DELL BUSINESS CREDIT (DBC): Offered to business customers by WebBank, who determines qualifications for and terms of credit. Taxes, shipping and other charges are extra and vary. The Total Minimum Payment Due is the greater of either \$20 or 3% of the New Balance shown on the statement rounded up to the next dollar, plus all past due amounts. Dell and the Dell logo are trademarks of Dell Inc.



SUBJECT FOR DISCUSSION

Approving Camera Installation at the Clean Water Plant for an Amount Not to Exceed \$37,418.75, Allocated from the Utility Fund.

SUMMARY STATEMENT/BACKGROUND DISCUSSION

IT plans to install cameras at the clean water plant and the water tanks near Aims in two stages. Stage one of the camera installation will be at the clean water plant, stage two of the installation will be at the water tanks. Cameras at the clean water plant will not exceed \$37,418.75. Cameras at the clean water plant will cover the outside of the building as well as the entry ways (West/East) into the facility. All cameras being installed will have License Plate Detection (LPD) as well as Intelligent People and Face Detection (IPFD). There will be 5 CB62 bullet cameras and two CH52 cameras. The CH52 cameras each have 4 lenses per camera. Therefore, offering better coverage, up to 360 degrees of coverage. All cameras have a 10-year warranty and come with a 5-year support and maintenance license. Documentation of the cameras as well as the layout to the facility have been included with the AM.

FINANCIAL CONSIDERATIONS

The Utility Fund has \$50,000 in the Water Treatment Plant's capital budget for this expenditure.

LEGAL/POLITICAL CONSIDERATIONS

N/A

ALTERNATIVES/OPTIONS

Council approves proceeding with the installation of the cameras as presented.

Council approves proceeding with the installation of the cameras but directs Public Works to install the antenna (as shown on page 2 under Pump Station Internet (pole) of document Estimate CRA-FTLup-Water-23705)

Council elects to not install cameras at the Clean Water plant.

STAFF RECOMMENDATIONS

IT recommends installation of cameras at the Clean Water Plant

Attachments:

- a. Estimate CRA-FTLUP-Water-23705 (1)
- b. Fort Lupton Water Treatment IPVVM Designer Calculation
- c. CH52-E Video Camera Overview

Certification of Council Approval:

Ordinance No. _____

Resolution No. _____

City Clerk

Date

Code Red Audits, LLC

99 Inverness Dr E Ste 130
 Englewood, CO 80112 US
 720-255-2585



Estimate

ADDRESS

Travis Aksamitowski
 City of Fort Lupton
 130 S McKinley Ave
 Fort Lupton, CO 80621 USA

SHIP TO

Travis Aksamitowski
 City of Fort Lupton
 130 S McKinley Ave
 Fort Lupton, CO 80621 USA

ESTIMATE # CRA-FTLUP-Water-23705**DATE** 04/10/2023**EXPIRATION DATE** 05/05/2023**SALES REP**

Steve Phelan

REP EMAIL

sphelan@coderedaudits.com

CONTACT NAME

Travis Aksamitowski

PRODUCT	DESCRIPTION	QTY	RATE	AMOUNT
	Verkada Equipment			
Verkada CB62-512E-HW	Verkada CB62-512E-HW	3	1,439.20	4,317.60T
Verkada CB62-512TE-HW	Verkada CB62-512TE-HW	2	1,519.20	3,038.40T
CH52-1TBE-HW	Verkada CH52 Outdoor Multi-sensor Camera. 5MP, Zoom Lens, 1 TB of Storage, Maximum 30 days of retention.	2	2,879.20	5,758.40T
Verkada LIC-5Y	Verkada 5-Year Camera License	5	719.20	3,596.00
LIC-CH52-5Y	5-Year CH52 Multi-sensor Camera License	2	2,159.20	4,318.40
verkada ACC-MNT-2	Verkada Arm Mount	2	71.20	142.40T
Verkada ACC-MNT-8	Verkada Pendant Cap Mount	2	55.20	110.40T
Verkada ACC-MNT-10	Verkada Corner Mount	2	159.20	318.40T
ACC-POE-60W	Verkada PoE++(802.3bt) injector, GigE	2	149.00	298.00T
				Subtotal: 21,898.00
	Camera Labor and Accessories			
CRA New Camera Installation	The total charge for a single new camera installation. This includes mounting, drilling, cabling, terminations, connections, testing, and aiming of the single camera device. This also includes a warranty for the cabling during the duration of the camera warranty.	7	1,110.00	7,770.00
Cable Cat6 Plenum, CMP, UTP, Solid, Pullbox - 1000ft - Black	Cable, Cat6, Plenum (CMP), UTP (Unshielded Twisted Pair), Solid, Pullbox - 1000ft - Black	2	326.00	652.00T
Additional Installation Materials	Additional Materials required for installations of each device, including, but not limited to screws, drill bits, tools for install, weatherproofing, sealants, etc.	9	75.00	675.00T

Representative Signature: _____

Date: _____

PRODUCT	DESCRIPTION	QTY	RATE	AMOUNT
				Subtotal: 9,097.00
	Networking Equipment			
Network Switch - 16 Port PoE Plus - Unmanaged - 183W	Network Switch: 16 Port PoE Unmanaged, 183W	1	275.00	275.00T
4-Port PoE Switch	5 Port Gigabit PoE Switch 4 PoE+ Ports @65W Desktop Plug & Play Sturdy Metal w/ Shielded Ports Fanless Limited Lifetime Protection QoS & IGMP Snooping Unmanaged	1	67.00	67.00T
TP-Link AC867 Network Bridge	TP-Link 5GHz AC867 Long Range Outdoor CPE for PtP and PtMP Transmission Point to Point Wireless Bridge 23dBi Passive PoE Powered w/Free PoE Injector Pharos Control	2	77.00	154.00T
CRA New Device Installation	The total charge for a single new IP device installation. This includes mounting, drilling, cabling, terminations, connections, and testing of the single device. This also includes a warranty for the cabling during the duration of the device's warranty.	2	1,110.00	2,220.00
				Subtotal: 2,716.00
	Pump Station Internet (pole)			
	NOTE: The Customer will be required to provide a locate for utilities before any digging can take place.			
Services - Hourly	Labor for services for conduit installation from pole to building.	13	115.00	1,495.00
Services - Hourly	Labor for services installation of pole near the pump station.	13	114.9999998	1,495.00
Cat6 Direct Burial/Outdoor Rated Cable, Black, Solid 23 AWG, CMXT, Shielded STP, Foil+Tape - 1000 ft	Cat6 Direct Burial/Outdoor Rated Cable, Black, Solid 23 AWG, 1000 Foot - CMXT, Shielded STP, Foil + Waterproof Tape	0.25	375.00	93.75T
Conduit PVC Pipe - 3/4"x 10'	PVC schedule 40 pipe and pressure fittings meant to secure and contain vulnerable cables from tampering and involuntary damage. These fittings are highly resilient, with high-tensile and high-impact strength. Intended for pressure use where systems will not exceed 140° F and crushing weight over 250 lbs	20	15.00	300.00T
Additional Installation Materials	Additional Materials required for installation of the pole, including, but not limited to the pole itself, concrete mix, bounding box, etc.	1	324.00	324.00T
				Subtotal: 3,707.75
				NOTE: Any permits required by the customer are the responsibility of the customer.
Terms: Net 15 Hardware, parts, and licenses will be invoiced upon receipt of signed purchase order or estimate. Hardware, parts, and licenses must be paid in full prior to labor commencing. Labor will be invoiced upon completion of project. If project takes longer than 2 weeks, then all completed labor will				
		SUBTOTAL		37,418.75
		TAX		0.00
		SHIPPING		260.00

Representative Signature: _____ Date: _____

be invoiced every 2 weeks until project is completed.

TOTAL

\$37,678.75

Accepted By

Accepted Date

Representative Signature: _____

Date: _____

Overview



Camera 1



Model: Verkada CB62-TE Resolution: 4K
HAv: 43° Distance: 107ft Width: 80.6ft PPF: 47.6
Imager: 1/2.8" Focal Length: 2.8 - 8mm Camera Height: 10.00ft Tilt: -12.09° Scene Height: 10.00ft

Cable Calculations:
Network Closet 1
Length: 134 ft



Day - Ideal Dark No IR

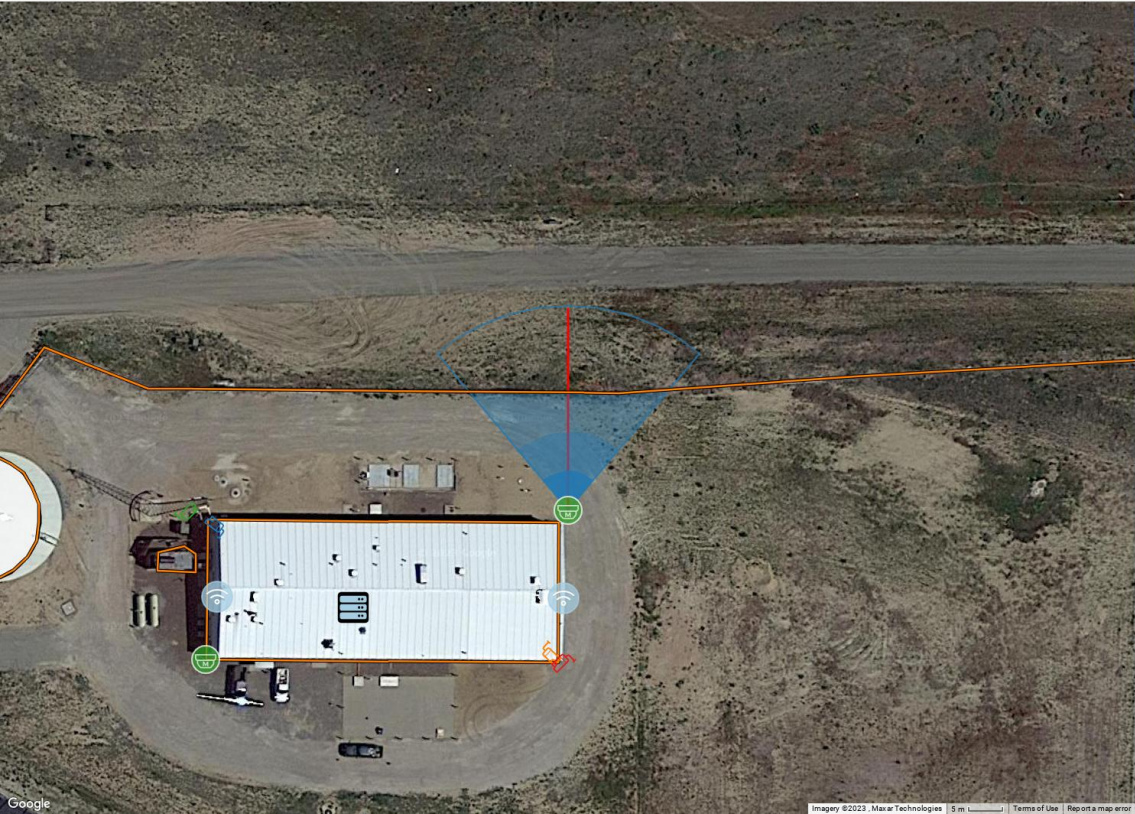
47.6 ppf
107 ft
Away

Warning: results may vary depending on light and camera

Camera 2: Imager 1

Model: Verkada CH52-E (Single Imager) Resolution: 2688X1944
H AoV: 80° Distance: 100ft Width: 139.6ft PPF: 19.3
Imager: 1/2.8" Focal Length: 3.7 - 7.7mm Camera Height: 10.00ft Tilt: -28.93° Scene Height: 10.00ft

Main Unit Cable Calculations:
Network Closet 1
Length: 169 ft

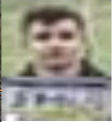




Day - Ideal



Dark No IR

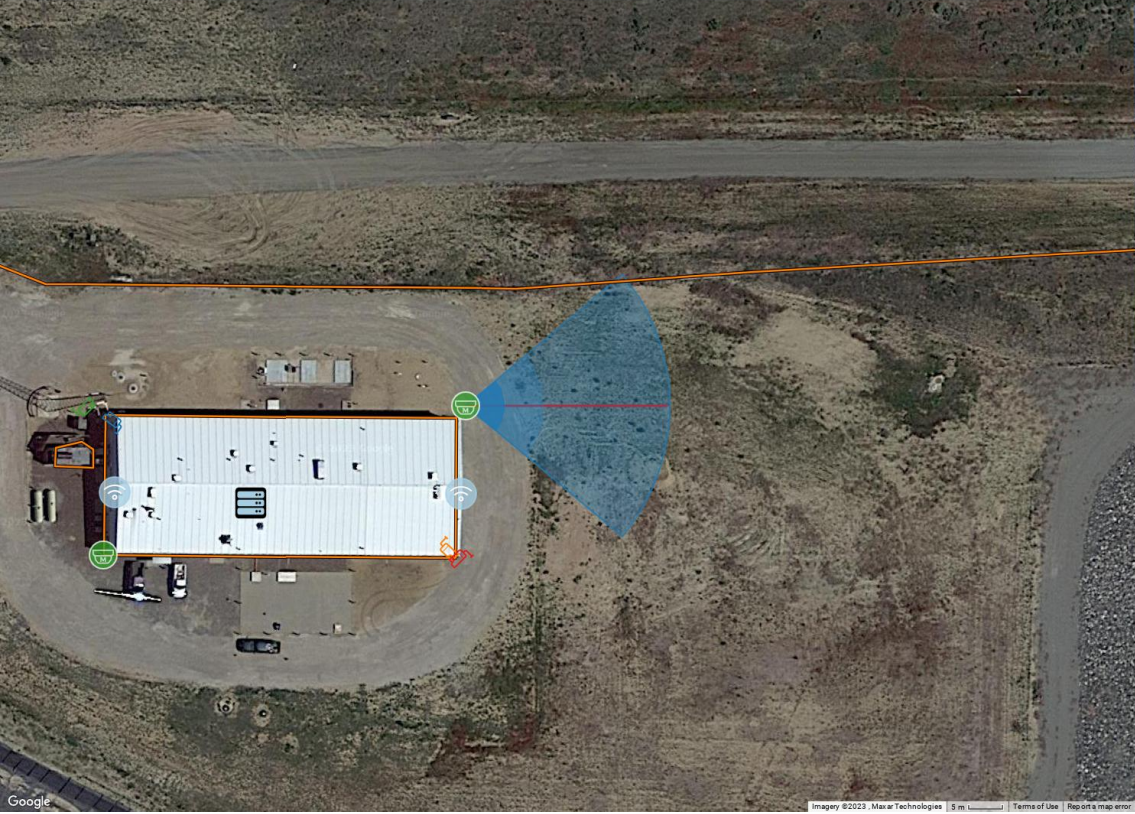


19.3 ppf
100 ft
Away
Warning: results may vary depending on light and camera

Camera 2: Imager 2

Model: Verkada CH52-E (Single Imager) Resolution: 2688X1944
H AoV: 80° Distance: 100ft Width: 139.6ft PPF: 19.3
Imager: 1/2.8" Focal Length: 3.7 - 7.7mm Camera Height: 10.00ft Tilt: -28.93° Scene Height: 10.00ft

Main Unit Cable Calculations:
Network Closet 1
Length: 169 ft

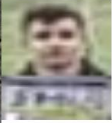




Day - Ideal



Dark No IR

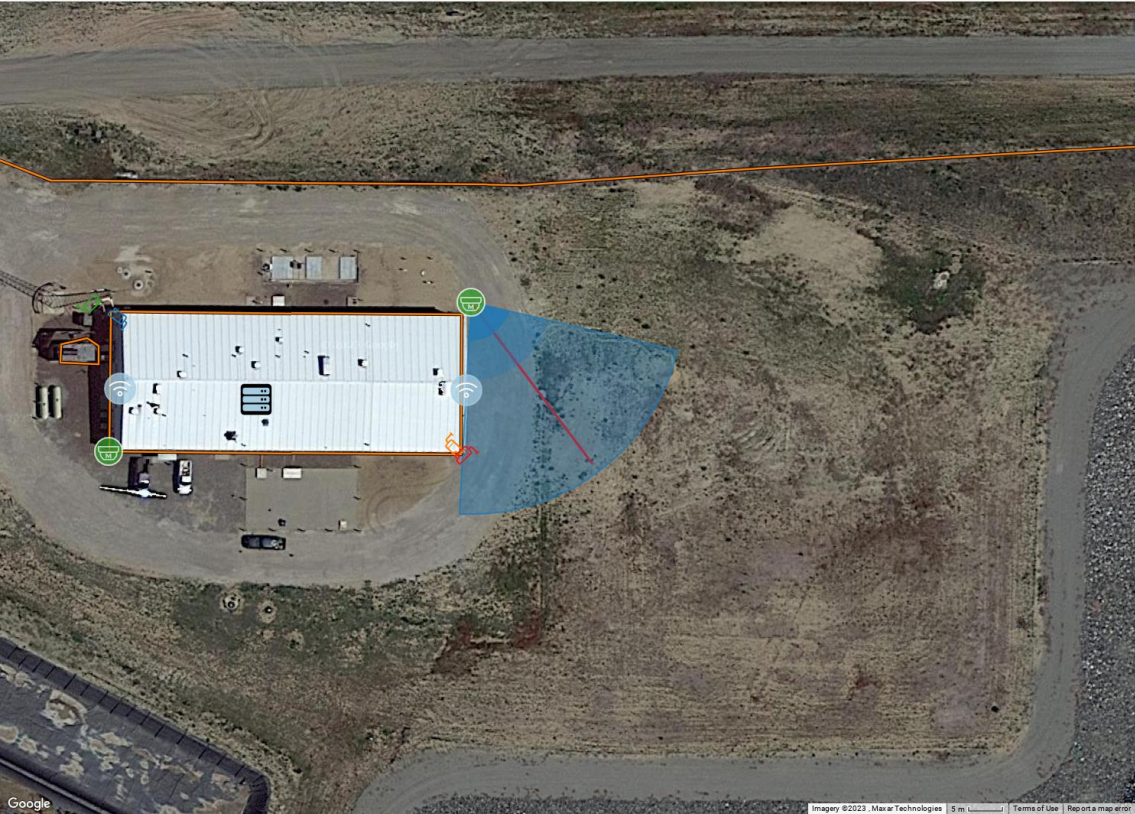


19.3 ppf
100 ft
Away
Warning: results may vary depending on light and camera

Camera 2: Imager 3

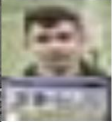
Model: Verkada CH52-E (Single Imager) Resolution: 2688X1944
H AoV: 80° Distance: 104ft Width: 145.0ft PPF: 18.5
Imager: 1/2.8" Focal Length: 3.7 - 7.7mm Camera Height: 10.00ft Tilt: -28.93° Scene Height: 10.00ft

Main Unit Cable Calculations:
Network Closet 1
Length: 169 ft



Day - Ideal

Dark No IR



18.5 ppf
104 ft
Away



Warning: results may vary depending on light and camera

Camera 2: Imager 4

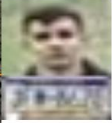
Model: Verkada CH52-E (Single Imager) Resolution: 2688X1944
H AoV: 80° Distance: 88ft Width: 122.5ft PPF: 21.9
Imager: 1/2.8" Focal Length: 3.7 - 7.7mm Camera Height: 10.00ft Tilt: -28.93° Scene Height: 10.00ft

Main Unit Cable Calculations:
Network Closet 1
Length: 169 ft



Day - Ideal

Dark With IR



21.9 ppf
88 ft
Away



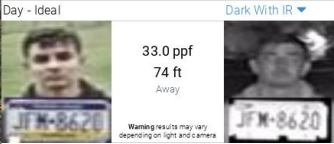
Warning: results may vary depending on light and camera

Camera 3



Model: Verkada CB62-E Resolution: 4K
H AoV: 90° Distance: 74ft Width: 116.5ft PPF: 33.0
Imager: 1/2.8" Focal Length: 2.8 - 8mm Camera Height: 10.00ft Tilt: -25.31° Scene Height: 10.00ft

Cable Calculations:
Network Closet 1
Length: 148 ft

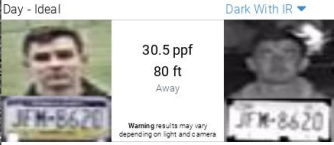
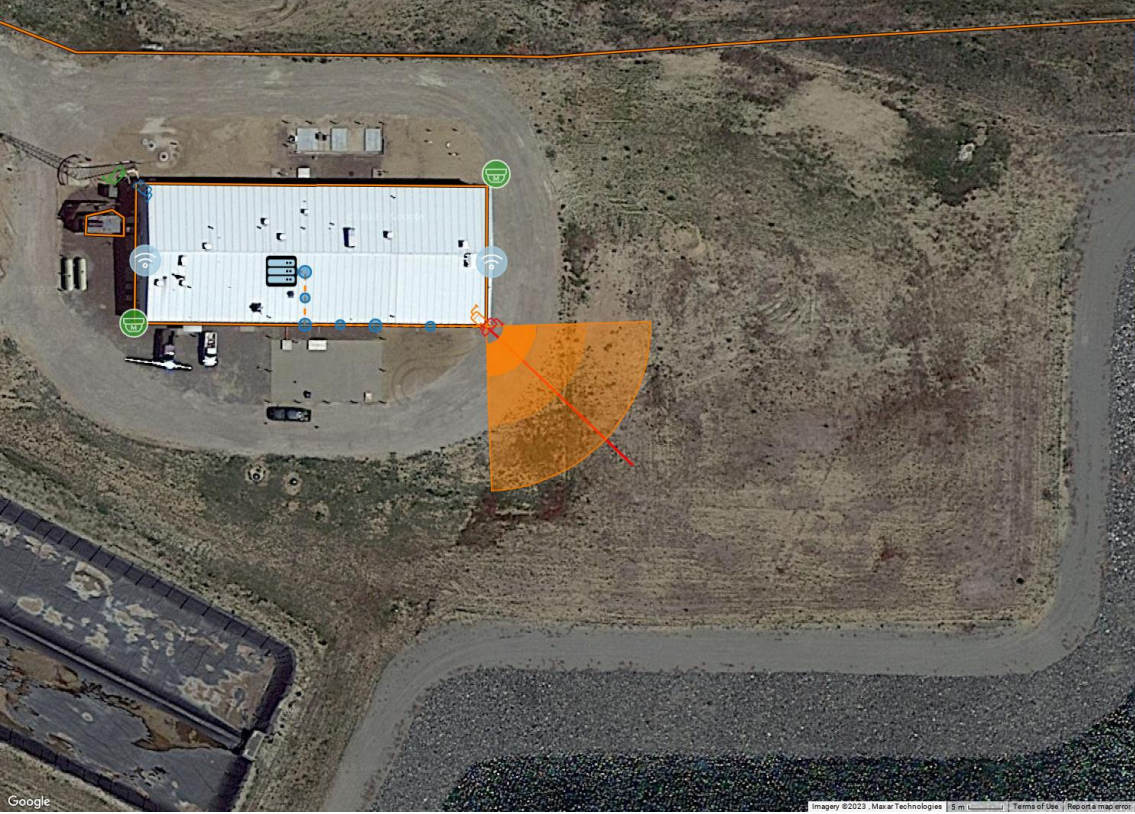


Camera 4



Model: Verkada CB62-E Resolution: 4K
H AoV: 90° Distance: 80ft Width: 126.1ft PPF: 30.5
Imager: 1/2.8" Focal Length: 2.8 - 8mm Camera Height: 10.00ft Tilt: -25.31° Scene Height: 10.00ft

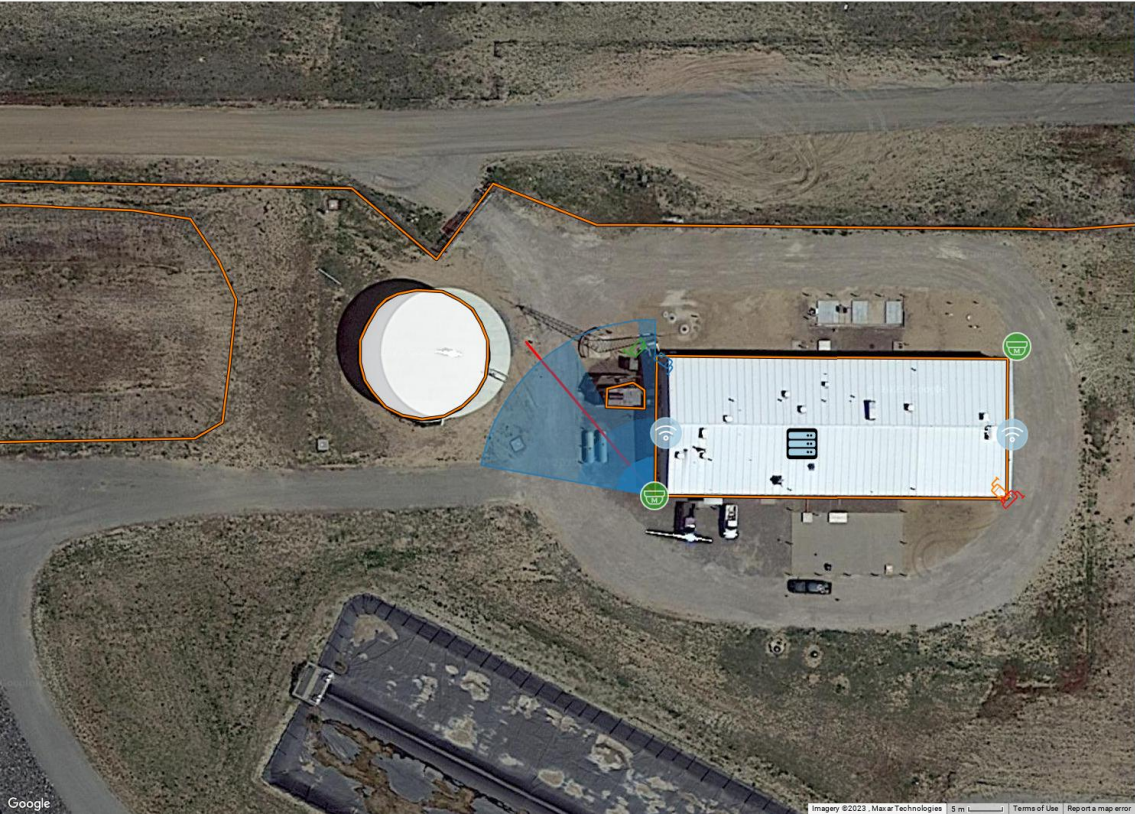
Cable Calculations:
Network Closet 1
Length: 147 ft



Camera 5: Imager 1

Model: Verkada CH52-E (Single Imager) Resolution: 2688X1944
H AoV: 80° Distance: 86ft Width: 120.7ft PPF: 22.3
Imager: 1/2.8" Focal Length: 3.7 - 7.7mm Camera Height: 10.00ft Tilt: -28.93° Scene Height: 10.00ft

Main Unit Cable Calculations:
Network Closet 1
Length: 118 ft



Day - Ideal

Dark With IR

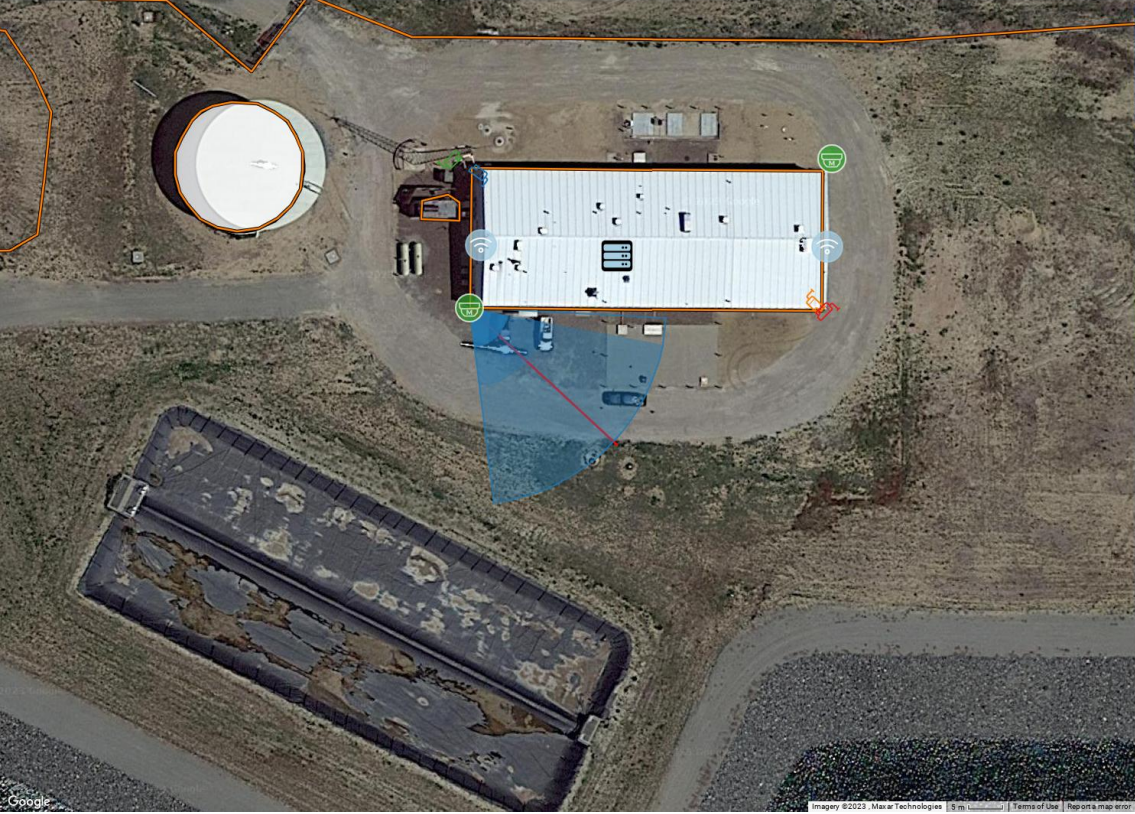
22.3 ppf
86 ft
Away

Warning: results may vary depending on light and camera

Camera 5: Imager 2

Model: Verkada CH52-E (Single Imager) Resolution: 2688X1944
H AoV: 80° Distance: 96ft Width: 134.3ft PPF: 20.0
Imager: 1/2.8" Focal Length: 3.7 - 7.7mm Camera Height: 10.00ft Tilt: -28.93° Scene Height: 10.00ft

Main Unit Cable Calculations:
Network Closet 1
Length: 118 ft



Day - Ideal

Dark With IR

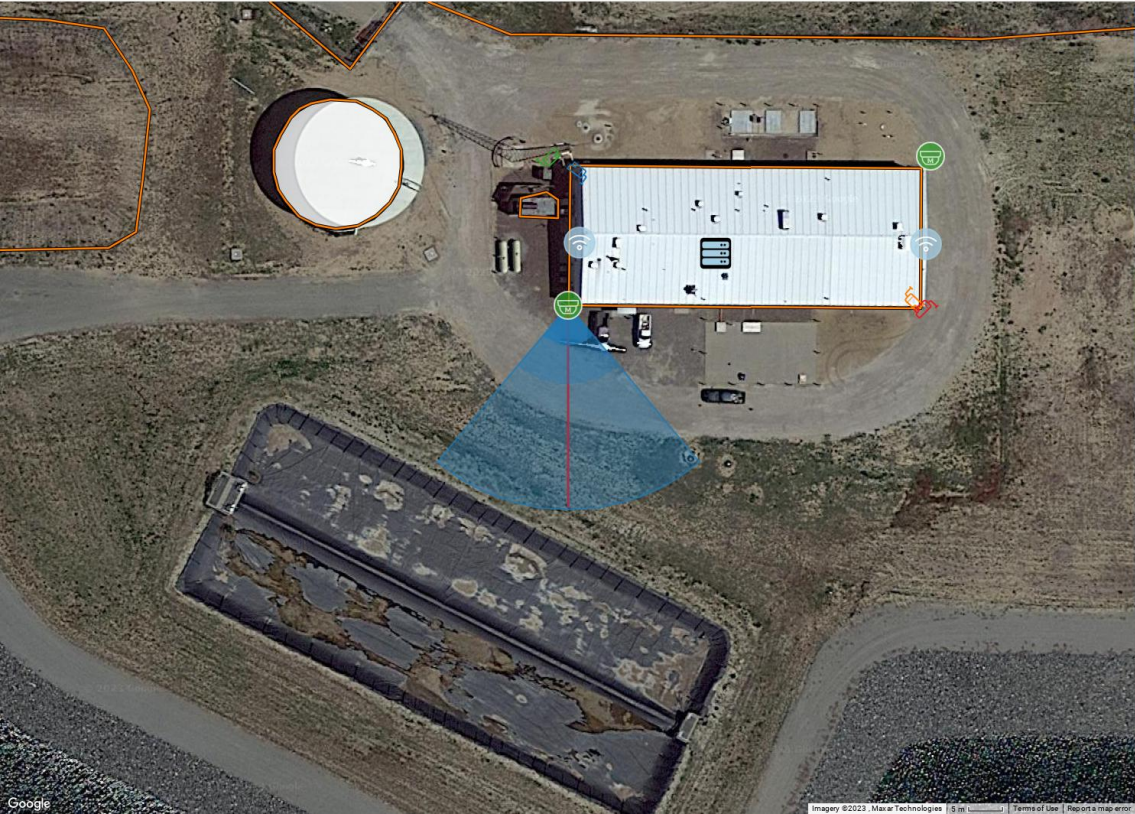
20.0 ppf
96 ft
Away

Warning: results may vary depending on light and camera

Camera 5: Imager 3

Model: Verkada CH52-E (Single Imager) Resolution: 2688X1944
H AoV: 80° Distance: 100ft Width: 139.6ft PPF: 19.3
Imager: 1/2.8" Focal Length: 3.7 - 7.7mm Camera Height: 10.00ft Tilt: -28.93° Scene Height: 10.00ft

Main Unit Cable Calculations:
Network Closet 1
Length: 118 ft



Day - Ideal

Dark No IR

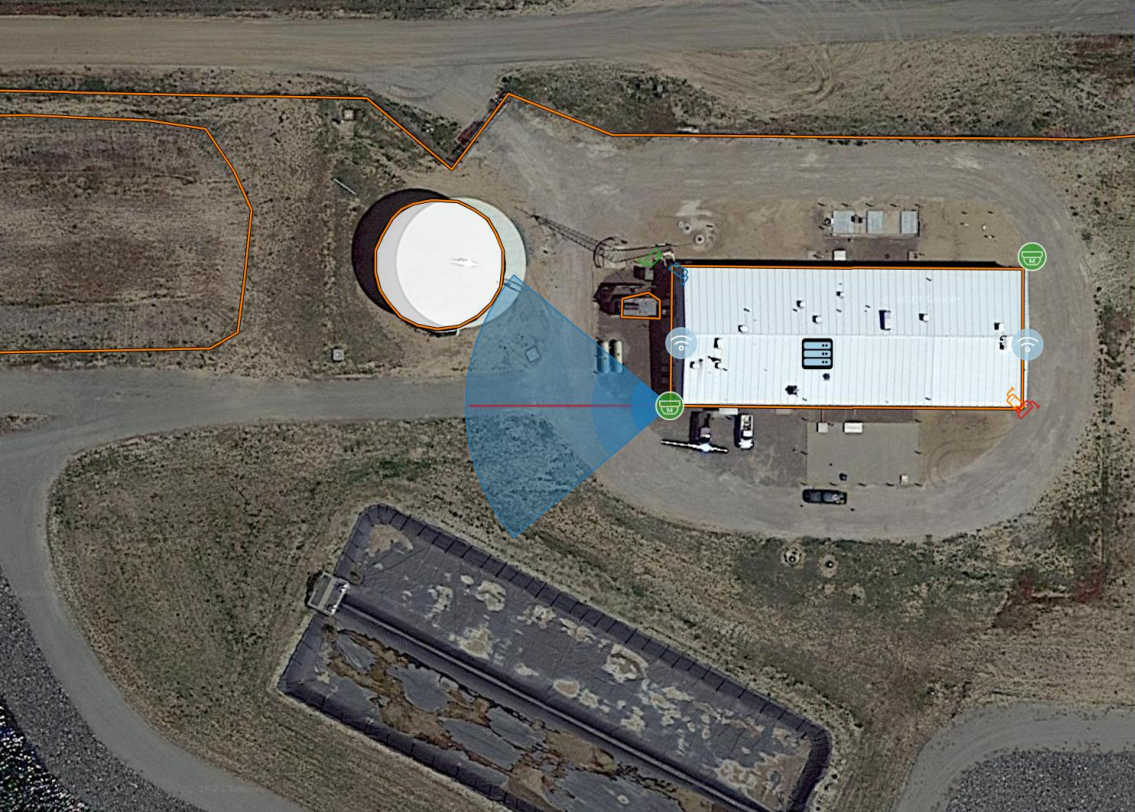
19.3 ppf
100 ft
Away

Warning: results may vary depending on light and camera

Camera 5: Imager 4

Model: Verkada CH52-E (Single Imager) Resolution: 2688X1944
H AoV: 80° Distance: 100ft Width: 139.6ft PPF: 19.3
Imager: 1/2.8" Focal Length: 3.7 - 7.7mm Camera Height: 10.00ft Tilt: -28.93° Scene Height: 10.00ft

Main Unit Cable Calculations:
Network Closet 1
Length: 118 ft



Day - Ideal

Dark No IR

19.3 ppf
100 ft
Away

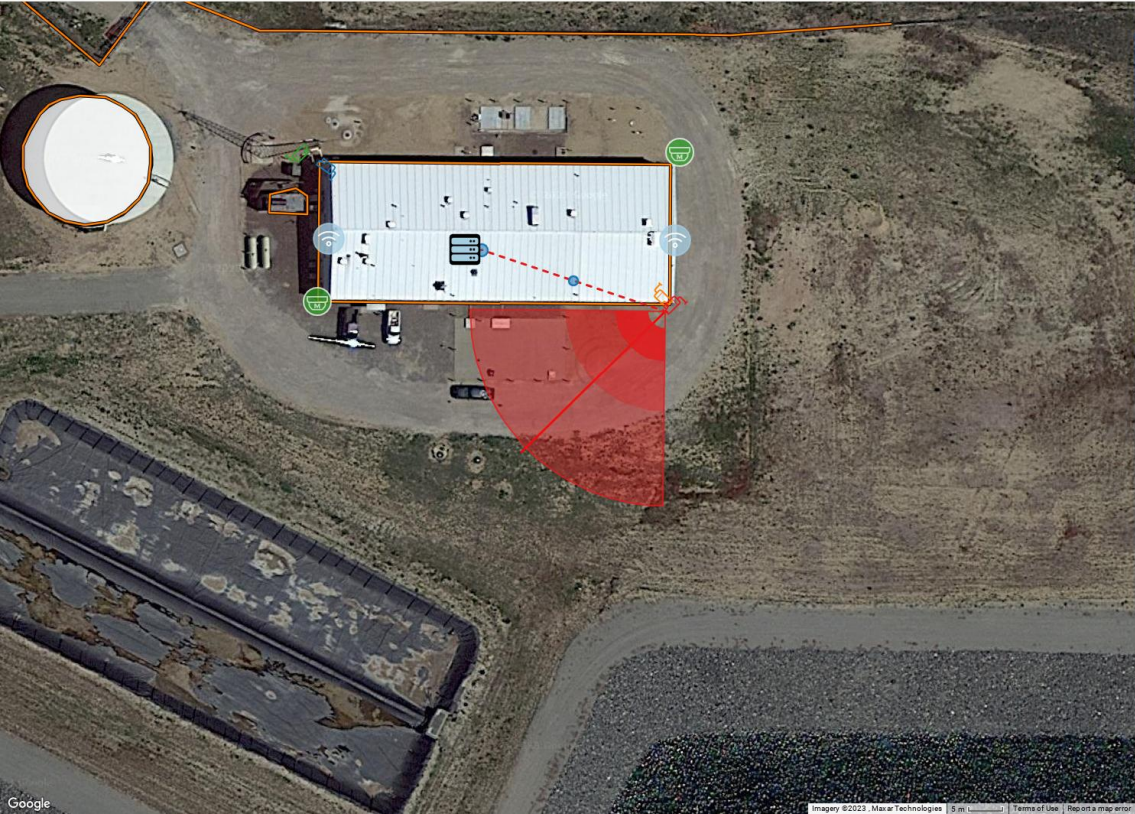
Warning: results may vary depending on light and camera

Camera 6



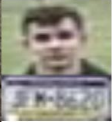
Model: Verkada CB62-E Resolution: 4K
H AoV: 90° Distance: 95ft Width: 149.9ft PPF: 25.6
Imager: 1/2.8" Focal Length: 2.8 - 8mm Camera Height: 10.00ft Tilt: -25.31° Scene Height: 10.00ft

Cable Calculations:
Network Closet 1
Length: 123 ft



Day - Ideal

Dark With IR



25.6 ppf
95 ft
Away

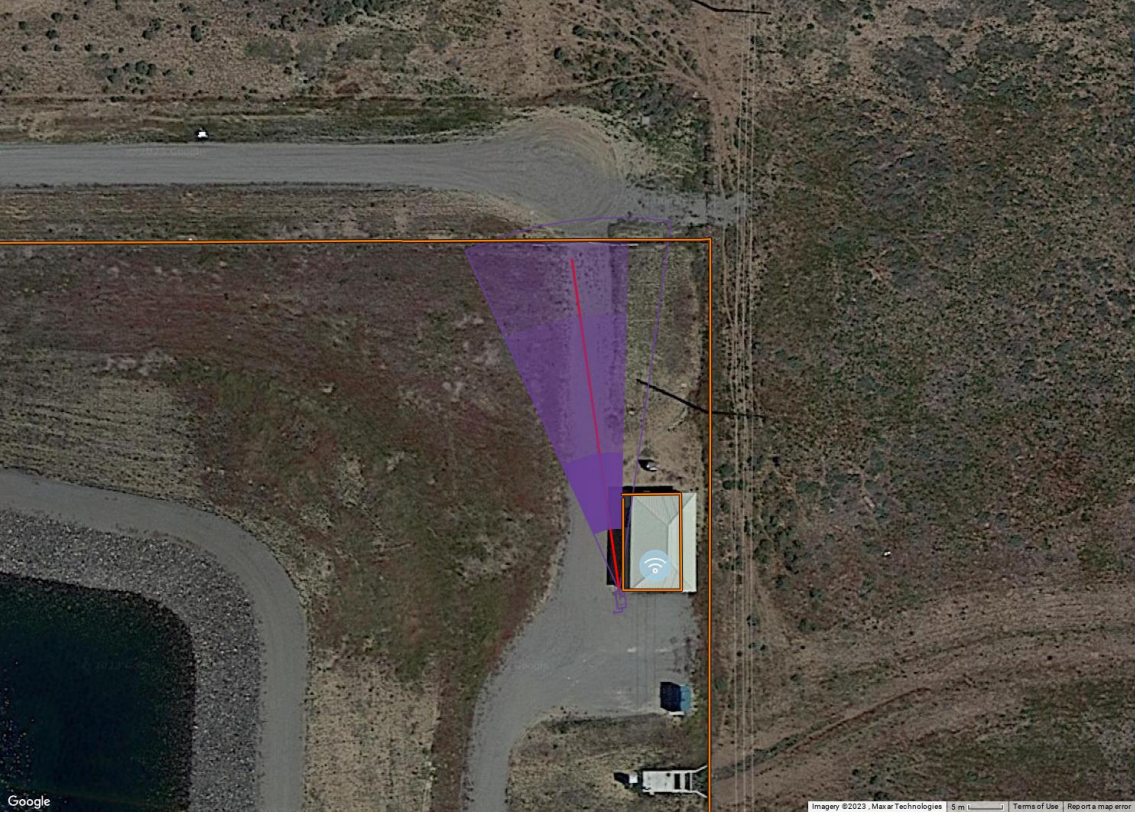


Warning: results may vary depending on light and camera.

Camera 7



Model: Verkada CB61-TE Resolution: 4K
H AoV: 32° Distance: 183ft Width: 103.3ft PPF: 37.2
Imager: 1/2.8" Focal Length: 8 - 20mm Camera Height: 10.00ft Tilt: -9.11° Scene Height: 10.00ft

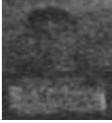


Day - Ideal

Dark No IR

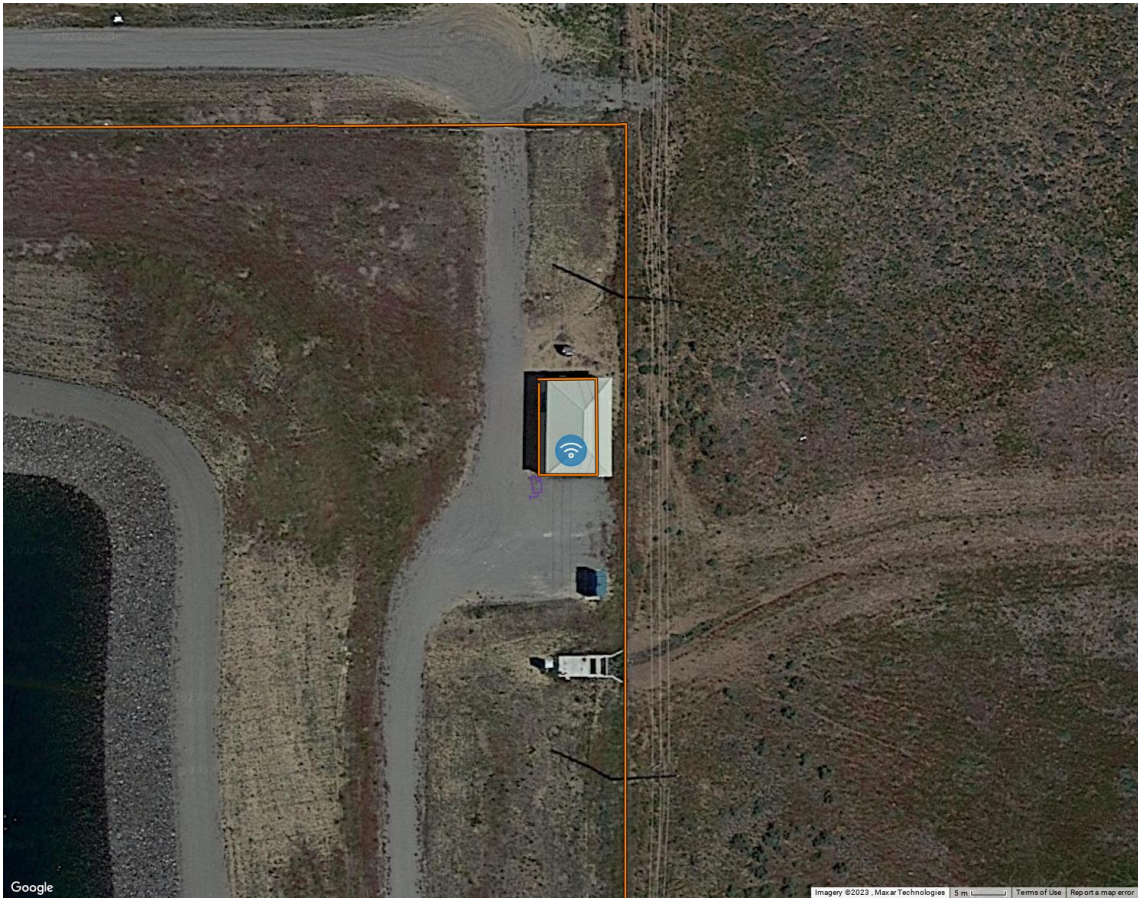


37.2 ppf
183 ft
Away



Warning: results may vary depending on light and camera.

Wireless Access Point 2



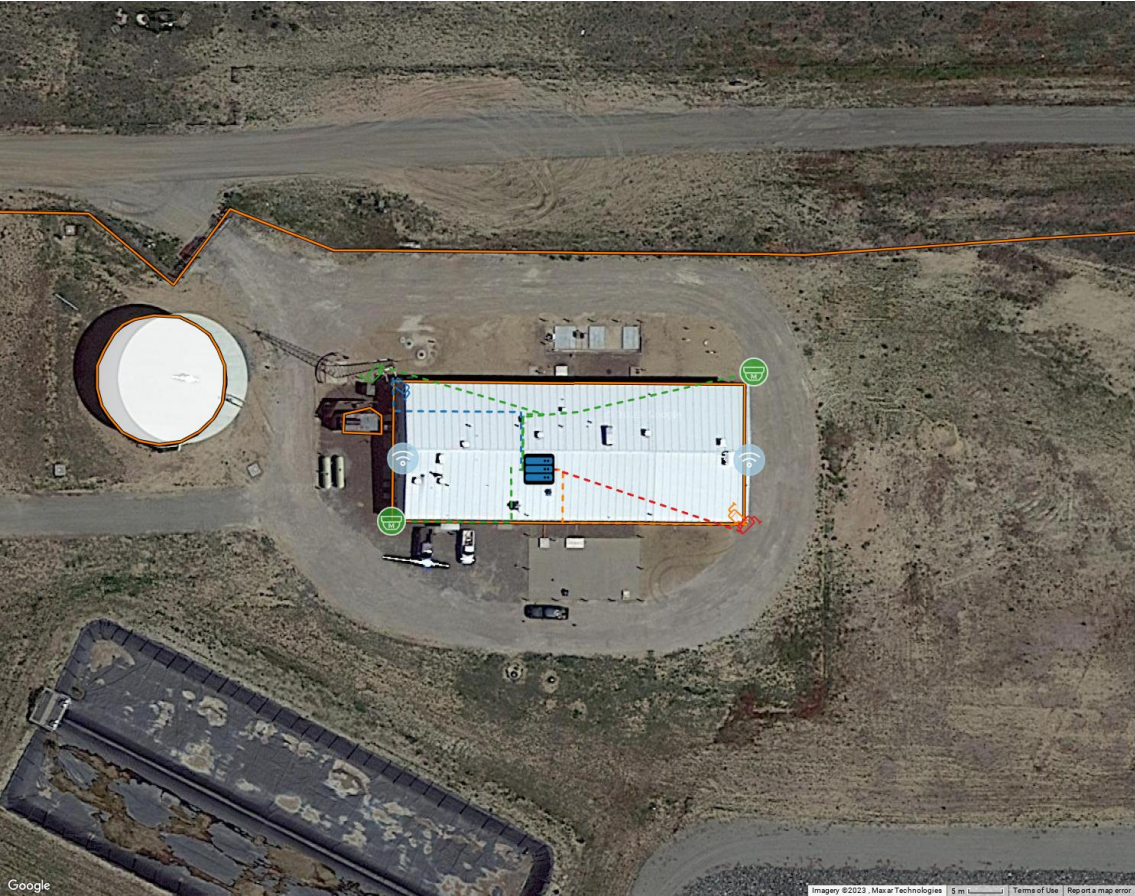
Page 50 of 150

Wireless Access Point 3



Cable Calculations:
No connection
Manufacturer:
Model:
Notes:

Network Closet 1 (Devices 1–6 of 6)



Cabled Devices: 1–6 of 6	
Total Length: 839 ft	
	Camera 1 Length: 134 ft
	Camera 2 Length: 169 ft
	Camera 3 Length: 148 ft
	Camera 4 Length: 147 ft
	Camera 5 Length: 118 ft
	Camera 6 Length: 123 ft

Notes:

This presentation is an output of the IPVMM Designer / Calculator but is the work product of the individual who created it. IPVMM does not guarantee nor warranty the work therein nor its implementation. Issues that may impact actual performance include but are not limited to lighting conditions, lens quality, and compression level.

4 Independent Cameras From a Single Install Point



Overview

Verkada's CH52-E multisensor camera features four camera heads, providing unrivaled coverage from a single install point. The four 5MP sensors collectively capture 20MP of resolution. Each camera head can be repositioned and each lens can be zoomed up to 2.5x, allowing for comprehensive coverage while maintaining image detail. Each camera head is powered by a dedicated computer vision processor to provide the image quality, stability and analytics performance of four independent cameras.

The CH52-E is built to withstand extreme conditions. Sealed interior components have full IP66 rated protection against dust particles and heavy rain. The robust exterior housing provides IK10 rated protection against direct impacts from vandals, hail and flying debris. Like all Verkada cameras, the CH52-E works out-of-the-box without any additional configurations. The CH52-E only requires a single PoE++ network port, making it the most efficient choice for scaling coverage while minimizing cable runs and port use.

Key features

Coverage

- 4 x 5MP image sensors to capture every detail
- 2.5x motorized zoom
- 30m / 98ft IR illuminators for nighttime visibility
- Individually adjustable and repositionable heads

Storage and processing

- 1TB-8TB of onboard storage
- Up to 365 days of retention in standard quality
- Four next generation computer vision processors for edge analytics
- Low-bandwidth impact, only using 80-200 kbps (20-50 kbps per head)
- Edge processing for motion, people and vehicle analytics

Certifications

- IK10 impact rating
- IP66 weather rating
- NDAA compliant

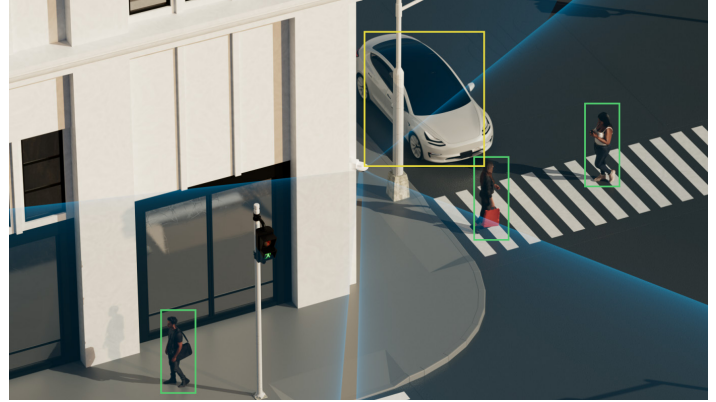


Key use cases



Interiors

Offices, hotel lobbies, retail centers,
grocery stores, manufacturing floors, stadiums



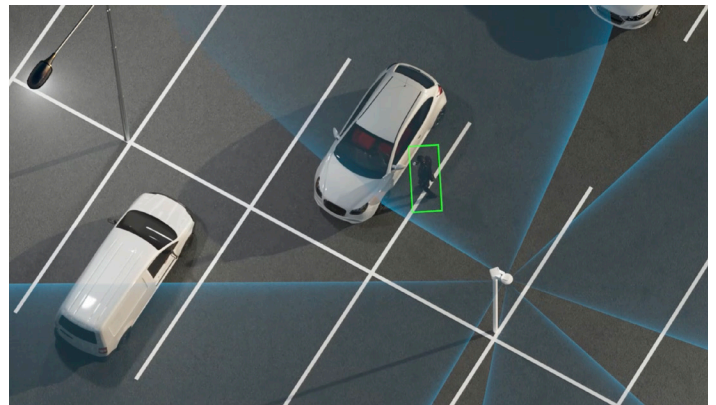
Intersections

Roadways, hallways,
warehouse traffic monitoring



Corners

Campuses, airports, police
departments, building exteriors



Open spaces

Garages, car dealerships,
parking lots, parks



Verkada's hybrid cloud architecture



No NVR or DVRs

Industrial-grade onboard storage saves up to 365 days of continuous video¹

Easy to scale

Bandwidth friendly and supports thousands of cameras across unlimited locations

Centralized management

Modern platform enables secure access on any device from anywhere in the world

The Reliability of Onboard Storage, With the Accessibility of the Cloud

Simple to install

- No NVRs, DVRs, or servers—just a PoE connection
- Cameras come online and configure in minutes
- No added software or complexities like port forwarding

Easy to use

- Centralized management for secure remote access on any device nearly anywhere
- No training required to access footage and features
- Find, download and share footage from any device

Advantages of cloud-managed solution

- Real-time alerts if cameras fall offline
- SAML-based integration with single-sign on (SSO) solutions
- Continuous updates with new AI features
- Instantly share live footage via SMS and email
- Live, proactive alerting based on unusual activity

Ready for scale

- Bandwidth-friendly, operating at just 20–50 kbps per head
- Scale to thousands of cameras per location
- No added equipment needed to support additional cameras

No hidden costs

- Hardware includes an industry-leading 10-year warranty
- Automatic firmware updates keep systems secure
- New features and enhancements are added at no additional costs

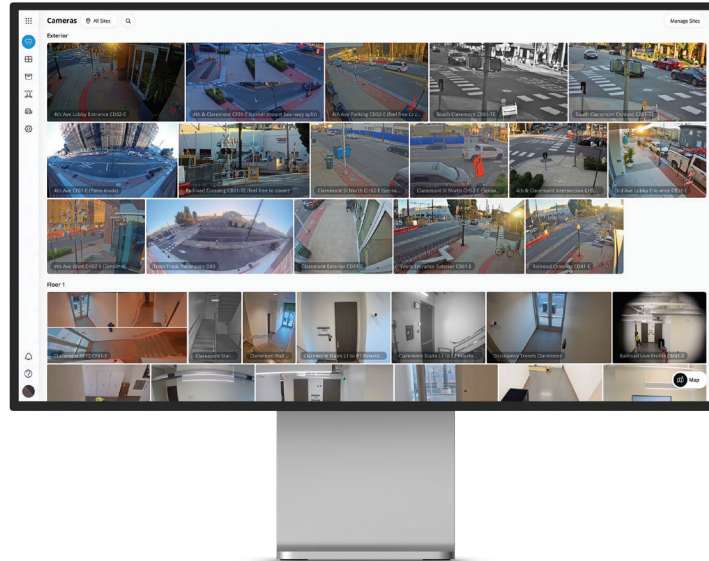


1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/blog/recording-in-adaptive-quality/>



Verkada Command overview

All-in-one Cloud-based Management Software for Verkada Security Cameras



Command, Verkada's cloud-based management software, is designed to deliver simple access and management for all cameras and users across all sites from virtually anywhere in the world. From Command, users can set up new cameras, create sites, manage settings, access live and archived footage, manage users and access the advanced features powered by Verkada's edge-based analytics.

Manage from anywhere

- Remotely access footage and manage sites from any browser or device
- Native apps for iOS, Android and Verkada's VX52 Viewing Station
- Receive alerts for offline cameras, tampering and motion detection

Effortlessly archive and share

- Command licenses include unlimited cloud archiving and 30-days of cloud backup
- Easily export any footage in a shareable MP4 format
- Share Live Links and floorplans with first responders

Scale with simplicity

- Add more devices and sites without complicating the user experience
- Leverage granular roles and permissions to manage users at scale
- Bring cameras online without 3rd party plugins, thick clients or downloads

Stay secure from the ground up

- Stay secure with data encrypted in transit (AES 128) and at rest (AES 256)
- Access cameras securely without port-forwarding, VPNs, or complicated configurations
- Receive automatic firmware updates to stay a step ahead of emerging threats

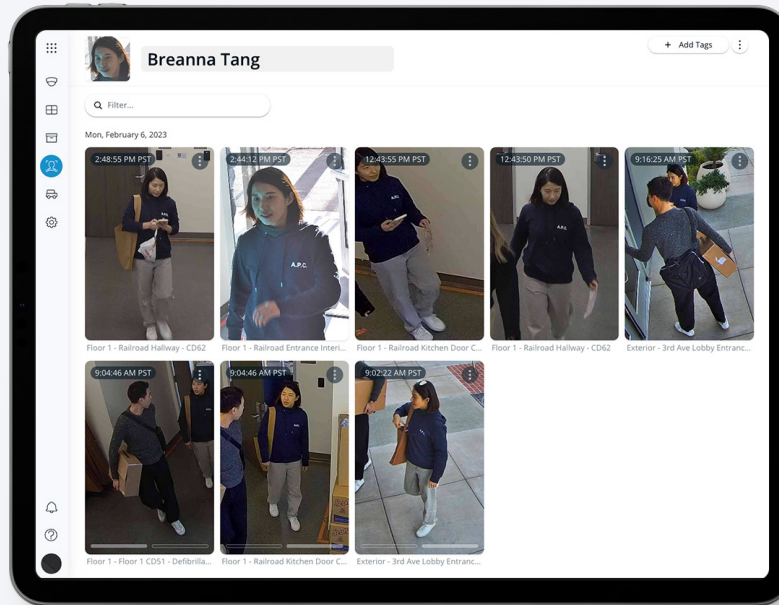
Quickly detect and respond to threats

- Stay informed with customizable, intelligent alerts
- Speed up investigations with intelligent people and face detection
- Search and filter to find vehicles of interest and detected license plates



Verkada's People Analytics

Simplify and Speed Up Investigations With Intelligent People and Face Detection



Available for all Verkada camera models, People Analytics combines intelligent edge-based video processing with computer vision in the cloud to give users high-quality images of all individuals identified in the scene. Using People Analytics, customers can filter people by various attributes and expedite investigations.

Bring Intelligence to Investigations

Face search

- Quickly search for matching people by selecting an existing face from your organization or by uploading an image

Person history

- Browse through high-resolution snapshots of people detected
- Save snapshots or easily access associated full-res video
- Search for matched people across your entire organization with cross-camera search

Occupancy Trends

- Estimate how many people cross a customizable digital line on a video feed
- Monitor usage of a space to optimize business operations

Attribute filters

- Filter based on a range of attributes, including clothing color, gender appearance and facial matches

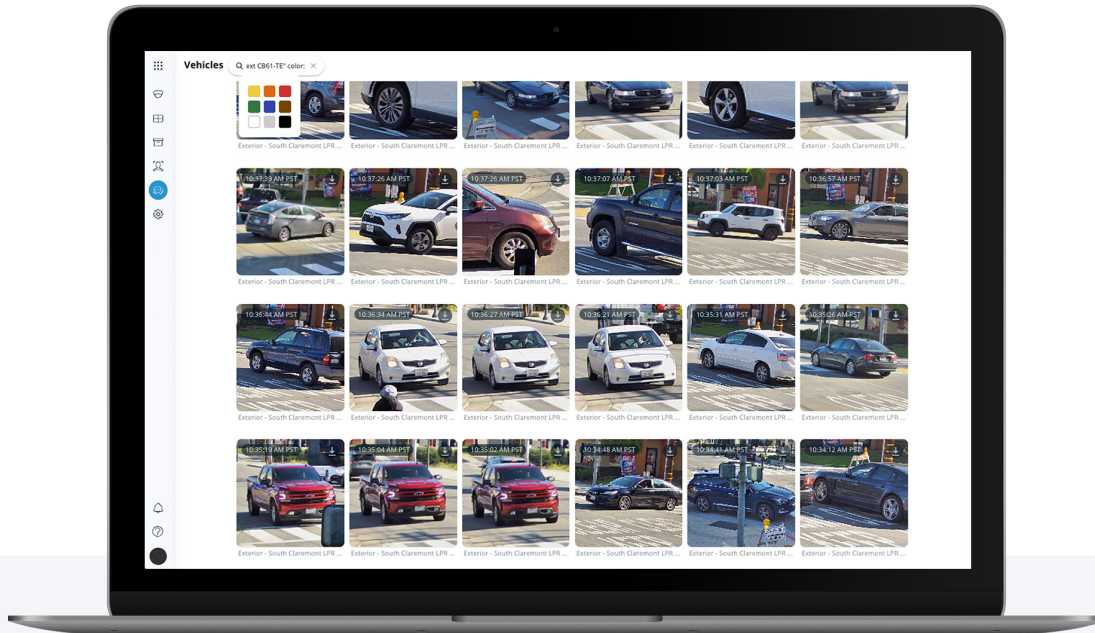
Person of Interest notifications

- Set up proactive SMS/email notifications for alerting when a matching face is detected by a camera
- Create a Person of Interest by using an uploaded image or an existing face from your organization



Verkada's Vehicle Analytics

Quickly Search and Filter To Find Vehicles of Interest



Vehicle Analytics is a powerful edge-based feature that gives users high-quality images of all vehicles identified in a scene. With Verkada's centralized management platform, customers can filter vehicles by date, time, color and body type.

Find and Filter Vehicles With Ease

Vehicle history

- Browse through high-resolution snapshots of vehicles detected in frame
- Save snapshots or easily access associated full-res video

Investigate anywhere

- Vehicle Analytics is available from any compatible device and can be accessed from virtually anywhere in the world

Attribute filters

- Filter based on a range of attributes, including vehicle color and body type

Cross-camera search

- Easily find similar vehicles of interest across all cameras deployed across all sites
- Create and export playback of multiple angles of a vehicle to quickly provide evidence

License Plate Recognition (LPR)

- Leverage a dual-camera system to provide LPR coverage, monitor a live LPR feed and search by plate number
- Receive License Plate of Interest alerts via SMS or email with an image or link to review the associated footage



Multisensor camera Tech Specs



CH52-E

Camera features

Image Sensor	4 x 1 / 2.8" Progressive CMOS	Shutter Speed	1 / 5 sec. to 1 / 32,000 sec.
Sensor Resolution¹	4 x 5MP (2688 x 1944)	Day/Night	IR-cut filter for day and night function
Lens Type	Varifocal; motorized zoom	IR Cut Filter	Yes
Focal Length	3.7-7.7mm	IR Range	30m / 98ft; non-adjustable
Aperture	F1.9 - F2.9	Minimum Illumination	0.009 lux @ F1.9 (color) 0 lux with IR Illuminators on
Iris	N/A	Onboard Storage	Capacity: From 1TB to 8TB Card: MicroSD, SDXC
Field of View (after LDC²)	Horizontal: 37°-89° (35°-82°) Vertical: 29°-65° (26°-60°) Diagonal: 46°-99° (43°-92°)	CPU	4 x Ambarella CV25S88
Sensor Movement	Tilt: +0°-105° for each lens from horizon Pan: +/- 90° for each lens Rotation: +/- 90° for each lens		

Standard video settings

Compression	H.264	Historical Video Settings	Adaptive quality ¹
Frame Rate³	24fps / sensor	WDR Technology	120dB dynamic range, true WDR, dual exposure
Video Streaming Settings (Per Head)	High quality (HQ) - 1,500 Kbps Standard quality (SQ) - 300 Kbps		

Standard audio settings

Audio	Not supported
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Power and network

Power Input⁴	With IR: IEEE 802.3bt Type 3 PoE++ Without IR: IEEE 802.3at Type 2 PoE+ Extended temperature range: IEEE 802.3bt Type 3 PoE++	Connectivity	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
Power Consumption⁴	With IR: 42.5 - 57V, 0.65-0.49A, 27.69W Without IR: 42.5 - 57V, 0.46-0.34A, 19.54W Extended temperature range: 42.5 - 57V, 0.91 - 0.68A, 38.68W	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 8 (2 per camera head) Audio support: No

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/blog/recording-in-adaptive-quality/>

2. Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.

3. Frame rate can be adjusted by Support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



Multisensor camera
Tech Specs



CH52-E

General

Operating Temperature	-40°C to 50°C / -40°F to 122°F	LED Indicator	System power and status indicator
Humidity	0 to 90%	Warranty	10 Years
Certifications	FCC, CE, RCM, UKCA, ICES (CANADA), VCCI, NDAA, IK10 impact rating, IP66 weather rating	Included Accessories	IR cover, mounting template, 3 mounting screws, 3 wall anchors, 2 desiccants, T10 security screwdriver, offset wrench

Mechanical

Weight	Camera: 2,900g / 102.3oz Mount plate: 536g / 18.9oz	Body	Aluminum, plastic dome trim
Dimensions	Ø: 275mm / 10.82in, H: 118mm / 4.65in with mount plate Ø: 267mm / 10.51in, H: 114mm / 4.49in without mount plate		

Dimensions



Software capabilities

Alerts ⁵	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	Streaming and Storage ⁵	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics ⁵	People search, attribute search, face search, Occupancy Trends	Sharing and Privacy ⁵	Live Link, privacy regions, audit log
Vehicle Analytics ⁵	Vehicle search, attribute search		

Coverage examples



5. All the listed features can be enabled independently for each camera head.



Professional video monitoring Stop Crimes in Progress

Verkada's 24/7 professional video monitoring solution enables organizations to detect and respond to threats in real time, using only cameras.



Meet your virtual guard

Professional video monitoring allows organizations to turn their Verkada cameras into a complete, monitored alarm solution - no extra hardware required. Simply select which cameras should be monitored, set an arm/disarm schedule and choose how monitoring agents should respond to a threat, such as remote talk down or notifying police.

How it works

Detect unusual activity

- Choose which cameras should be monitored and when. An alarm is triggered if a person is detected on site while the system is armed.
- Other Verkada devices, including intrusion sensors, access control, and environmental sensors, can also be configured as alarm triggers.

Assess the threat

- Monitoring agents immediately review relevant video footage to determine if there is a threat to people or property.
- Video-verification helps to ensure priority police response and screens out false alarms.

Take action

- If there is a legitimate threat, the monitoring agent will immediately notify your designated call list.
- Agents can also request emergency dispatch or talk down to intruders through an on-site speaker. Automated responses can include locking doors or turning on sirens.
- If there is no visible threat, the agent will dismiss the incident.

Key benefits



Leverage cameras as intrusion sensors



Deter intruders with remote talk down



Emergency services dispatch



More complete coverage than in person guard



No third-party contracts



Remote visibility and control

Professional monitoring of Verkada cameras is included in the LIC-BA Alarms License. One Alarms License is required for each unique site address, with no limit on monitored cameras. Professional monitoring is provided by fully redundant, US-based, UL-listed central monitoring stations with Five Diamond Certification from The Monitoring Association. Certified monitoring centers are also available in Canada and the UK.



Ordering Information

Multisensor pricing

Model Number	MP ¹	WDR	Lens	IR Range	Onboard Storage	Maximum SQ Onboard Retention ¹	People/Vehicle Analytics	Cost (MSRP) ^{USD}
CH52-1TBE-HW	20MP	✓	Zoom	30m / 98ft	1TB	30 Days	✓	\$3,599
CH52-2TBE-HW	20MP	✓	Zoom	30m / 98ft	2TB	60 Days	✓	\$4,899
CH52-4TBE-HW	20MP	✓	Zoom	30m / 98ft	4TB	120 Days	✓	\$7,499
CH52-8TBE-HW	20MP	✓	Zoom	30m / 98ft	8TB	365 Days	✓	\$12,699

Video Security Cloud License pricing²

Model Number	Description	Cost (MSRP) ^{USD}
LIC-CH52-1Y	1-Year CH52-E Multisensor Camera License	\$599
LIC-CH52-3Y	3-Year CH52-E Multisensor Camera License	\$1,649
LIC-CH52-5Y	5-Year CH52-E Multisensor Camera License	\$2,699
LIC-CH52-10Y	10-Year CH52-E Multisensor Camera License	\$5,399

Accessories pricing

ACC-MNT-2	Mounting Arm Kit for Pendant Cap (ACC-MNT-8)	\$89
ACC-MNT-8	Pendant Cap Mount Kit	\$69
ACC-MNT-9	Pole Mount, 2nd Generation	\$209
ACC-MNT-10	Corner Mount Kit	\$199
ACC-POE-60W	PoE++ (802.3bt) Injector, GigE	\$149

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/blog/recording-in-adaptive-quality/>

2. The CH52-E requires a separate license from other Verkada Cameras.



Ordering Information

Viewing Station pricing

Model Number	Description	Cost (MSRP) USD
VX52-HW	VX52 Viewing Station	\$499
LIC-VX-1Y	1-Year Viewing Station License	\$499
LIC-VX-3Y	3-Year Viewing Station License	\$1,299
LIC-VX-5Y	5-Year Viewing Station License	\$1,999
LIC-VX-10Y	10-Year Viewing Station License	\$3,999



SUBJECT FOR DISCUSSION

Accepting a Proposal from CXT Precast Concrete Products for the Community Center Park Renovation Project Restrooms / Splash Pad Mechanical Pump Room (attachment A) for an Amount Not to Exceed \$321,139.70 to be Paid from the Capital Improvements Program, Parks Department

SUMMARY STATEMENT/BACKGROUND DISCUSSION

The Recreation Department would like to purchase the splash pad mechanical pump room (attachment A) from CXT Precast Concrete Products. See purchasing consideration below:

- Price includes two ADA accessible restrooms, maintenance storage room and splash pad pump room. Some equipment within the CXT was upgraded including stainless steel equipment in the restrooms, heated restrooms for year-round use and external ADA drinking fountain.
- Price includes delivery and installation. Price does not include providing additional dirt work for shipping trailer to unload CTX restroom.
- Sourcewell purchasing cooperatives allows the City to save and that discount is reflected on the quote.
- Manufacturing time is expected to take approximately 2-3 months. However, the state approval process can take up to 5 months from production start date.

FINANCIAL CONSIDERATIONS

The CXT restroom/splash pad pump room is budgeted in the Capital Improvement programs, Parks Department for \$400,000. Sourcewell purchasing cooperatives allows the City to save and that discount is reflected on the quote. The CXT restrooms / splash pad mechanical pump room (attachment A) will cost \$321,139.70

LEGAL/POLITICAL CONSIDERATIONS

N/A

ALTERNATIVES/OPTIONS

By using Sourcewell we are ensuring the lowest price for the restrooms / splash park pump room.

STAFF RECOMMENDATIONS

Staff recommends to approve the purchase of the restrooms / splash park pump room (attachment A) from CXT Precast Concrete Products for the amount not to exceed \$321,139.70.

Attachments: a. Quote

Certification of Council Approval:

Ordinance No. _____

Resolution No. _____

City Clerk

Date



CXT® Precast Concrete Products manufactures restroom, shower and concession buildings in multiple designs, textures and colors. The roof and walls are fabricated with high strength precast concrete to meet all local building codes and textured to match local architectural details. All CXT buildings are designed to meet A.D.A. and to withstand heavy snow, high wind and category E seismic loads. All concrete construction also makes the buildings easy to maintain and withstand the rigors of vandalism. The buildings are prefabricated and delivered complete and ready-to-use, including plumbing and electrical where applicable. With thousands of satisfied customers nationwide, CXT is the leader in prefabricated concrete restrooms.

1. ORDERING ADDRESS(ES): CXT Precast Concrete Products, 606 N. Pines Road, Suite 202, Spokane Valley, WA 99206

2. ORDERING PROCEDURES: Fax 509-928-8270

3. PAYMENT ADDRESS(ES):

Remitting by check:

CXT, Inc., PO Box 676208, Dallas, TX 75267-6208

Remitting by ACH or wire transfer:

Beneficiary: CXT, Inc.

Beneficiary Bank: PNC Bank, Pittsburgh, PA

Account: 1077766885 ABA/Routing: 043000096

Email remittance details to AR@lbfoster.com

4. WARRANTY PROVISIONS: CXT provides a one (1) year warranty. The warranty is valid only when concrete is used within the specified loadings. Furthermore, said warranty includes only the related material necessary for the construction and fabrication of said concrete components. All other non-concrete components will carry a one (1) year warranty. CXT warrants that all goods sold pursuant hereto will, when delivered, conform to specifications set forth above. Goods shall be deemed accepted and meeting specifications unless notice identifying the nature of any non-conformity is provided to CXT in writing within the specified warranty. CXT, at its option, will repair or replace the goods or issue credit for the customer provided CXT is first given the opportunity to inspect such goods. It is specifically understood that CXT's obligation hereunder is for credit, repair or replacement only, F.O.B. CXT's manufacturing plants, and does not include shipping, handling, installation or other incidental or consequential costs unless otherwise agreed to in writing by CXT.

This warranty shall not apply to:

1. Any goods which have been repaired or altered without CXT's express written consent, in such a way as in the reasonable judgment of CXT, to adversely affect the stability or reliability thereof;

2. To any goods which have been subject to misuse, negligence, acts of God or accidents; or

3. To any goods which have not been installed to manufacturer's specifications and guidelines, improperly maintained, or used outside of the specifications for which such goods were designed.

5. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE): All prices subject to the "Conditions of Sale" listed on the CXT quotation form.

Customers are responsible for marking exact location building is to be set; providing clear and level site, free of overhead and/or underground obstructions; and providing site accessible to normal highway trucks and sufficient area for the crane to install and other equipment to perform the contract requirements. Customer shall provide notice in writing of low bridges, roadway width or grade, unimproved roads or any other possible obstacles to access. CXT reserves the right to charge the customer for additional costs incurred for special equipment required to perform delivery and installation. Customers will negotiate installation on a project-

by-project basis, which shall be priced as separate line items. For more information regarding installation and truck turning radius guidelines please see our website at <http://www.cxtinc.com>.

In the event delivery of the building/s ordered is/are not completed within 30 days of the agreed to schedule through no fault of CXT, an invoice for the full contract value (excluding shipping and installation costs) will be submitted for payment. Delivery and installation charges will be invoiced at the time of delivery and installation.

Should the delivery and installation costs increase due to changes in the delivery period, this increase will be added to the price originally quoted, and will be subject to the contract payment terms.

In the event that the delivery is delayed more than 90 days after the agreed to schedule and through no fault of CXT, then in addition to the remedies above, a storage fee of 1-1/2% of contract price per month or any part of any month will be charged.

****Customer is responsible for all local permits and fees.**

6. DELIVERY CHARGE: All prices F.O.B. origin prepaid and added to invoice. CXT operates three (3) manufacturing plants in the United States and will deliver from the closest location on our carriers.

7. PAYMENT TERMS: All orders are cash in advance. At CXT's discretion, credit may be given after approval of credit application. Payment to CXT by the purchaser of any approved credit amount is net 30 days after submission of invoice to purchaser. Interest at a rate equal to the lower of (i) the highest rate permitted by law; or (ii) 1.5% per month will be charged monthly on all unpaid invoices beginning with the 35th day (includes five (5) day grace period) from the date of the invoice. Under no circumstance can retention be taken. If CXT initiates legal proceeding to collect any unpaid amount, purchaser shall be liable for all of CXT's costs, expenses and attorneys' fees and costs of any appeal.

8. LIMITATION OF REMEDIES: In the event of any breach of any obligations hereunder; breach of any warranty regarding the goods, or any negligent act or omission of any party, the parties agree to submit all claims to binding arbitration. Any settlement reached shall include all reasonable costs including attorney fees. In no event shall CXT be subject to or liable for any incidental or consequential damages. Without limitation on the foregoing, in no event shall CXT be liable for damages in excess of the purchase price of the goods herein offered.

9. DELIVERY INFORMATION: All prices F.O.B. origin prepaid and added to invoice. CXT operates three (3) manufacturing plants in the United States and will deliver from the closest location on our carriers. Use the information below to determine the origin:

- F.O.B. 6701 E. Flamingo Avenue, Building 300, Nampa, ID 83687 applies to: AK, CA, HI, ID, MT, ND, NV, OR, SD, UT, WA, WY.

- F.O.B. 901 North Highway 77, Hillsboro, TX 76645 applies to AR, AZ, CO, IA, KS, LA, MN, MO, MS, NE, NM, OK, TX.

- F.O.B. 362 Waverly Road, Williamstown, WV 26183 applies to AL, CT, DE, FL, GA, IL, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, PR, RI, SC, TN, VA, VT, WI, WV.

- Prices exclude all federal/state/local taxes. Tax will be charged where applicable if customer is unable to provide proof of exemption.

SANTIAGO

Custom building where you can match sections to meet your needs. Sections include restroom, shower, concession, storage, and combination configurations. Standard features include simulated barnwood textured walls, simulated cedar shake textured roof, vitreous china fixtures, interior and exterior lights, off loaded, and set up at site.



CXT
800.696.5766
cxtinc.com

Sections										
Restroom*		\$83,493.90	Qty:	= \$ 0.00	Shower*		\$99,180.00	Qty:	= \$ 0.00	
Family Assist Restroom*		\$83,493.90	Qty: 1	= \$ 83,493.90	Concession*		\$93,960.00	Qty:	= \$ 0.00	
Family Assist Shower*		\$93,933.90	Qty:	= \$ 0.00	Multiuser Room		\$76,159.80	Qty: 1	= \$ 76,159.80	
*Includes 4-gallon water heater.								Total Sections		\$ 159,653.70

Added Cost Options		Price per unit	Click to select	
Final Connection to Utilities (per section)		\$ 5,000.00	☐	0.00
Optional Wall Texture (per section) - choose one ☐ Split Face Block (\$5,500) ☒ Stone (\$7,000)		Reset Wall Texture		14,000.00
Optional Roof Texture (per section) ☐ Ribbed Metal		\$ 4,000.00		0.00
Porch/Wing Wall		\$ 73,575.90	☐	0.00
Insulation and Heaters (per section)		\$ 19,500.00	☒	39,000.00
Stainless Steel Water Closet (each)	Qty: 2	\$ 1,750.00		3,500.00
Stainless Steel Lavatory (each)	Qty: 2	\$ 1,500.00		3,000.00
Stainless Steel Urinal (each)	Qty: 2	\$ 1,500.00		3,000.00
Electric Hand Dryer (each)	Qty: 2	\$ 700.00		1,400.00
Electronic Flush Valve (each)	Qty:	\$ 1,500.00		0.00
Electronic Lavatory Faucet (each)	Qty: 2	\$ 1,500.00		3,000.00
Electronic Urinal Flush Valve (each)	Qty: 2	\$ 1,500.00		3,000.00
Paper Towel Dispenser (each)	Qty:	\$ 350.00		0.00
Toilet Seat Cover Dispenser (each)	Qty:	\$ 350.00		0.00
Sanitary Napkin Disposal Receptacle (each)	Qty:	\$ 100.00		0.00
Baby Changing Table (each)	Qty: 2	\$ 750.00		1,500.00
Skylight in Restroom (each)	Qty:	\$ 1,600.00		0.00
Marine Grade Skylight in Restroom (each)	Qty:	\$ 2,450.00		0.00
Marine Package (excluding fiberglass doors and frames) (per section)		\$ 2,350.00	☐	0.00
Exterior Mounted ADA Drinking Fountain w/Cane Skirt (each)	Qty: 1	\$ 5,600.00	☒	5,600.00
2K Anti-Graffiti Coating (per section)		\$ 4,000.00	☐	0.00
Optional Door Closure (each)	Qty:	\$ 700.00	☐	0.00
Fiberglass Entry and Chase Doors and Frames (each)		\$ 3,300.00		0.00
Timed Electric Lock System (does not include chase door) (each)		\$ 1,350.00		0.00
Exterior Frostproof Hose Bib with Box (each)	Qty: 1	\$ 1,200.00	☒	1,200.00
Total for Added Cost Options:				\$ 78,200.00
Custom Options: Xtra Crane--8 hr min(6,500), Site Related Crane Costs (7,850)Cust.Opts (Details Note section below)(19,486)				\$ 33,836.00
Engineering and State Fees:				\$ 3,800.00
Estimated One-Way Transportation Costs to Site (quote):				\$ 45,650.00
Estimated Tax:				\$
Total Cost per Unit Placed at Job Site:				\$ 321,139.70

Estimated monthly payment on 5 year lease **\$6,454.91**

Disclaimer: Please call to confirm selected sections are compatible.

This price quote is good for 60 days from date below, and is accurate and complete.

Robert C. Veals, Jr.
Digitally signed by Robert C. Veals, Jr.
Date: 2023.03.22 16:20:16 -07'00'
CXT Sales Representative Date

I accept this quote. Please process this order.

Company Name

Company Representative Date
Page 65 of 150

OPTIONS

Exterior Color(s) (For single color mark an X. For two-tone combinations use W = Walls and R = Roof.)

☐ Amber Rose	☐ Berry Mauve	☐ Buckskin	☐ Cappuccino Cream
☐ R Charcoal Grey	☐ Coca Milk	☐ Evergreen	☐ Georgia Brick
☐ Golden Beige	☐ W Granite Rock	☐ Hunter Green	☐ Java Brown
☐ Liberty Tan	☐ Malibu Taupe	☐ Mocha Caramel	☐ Natural Honey
☐ Nuss Brown	☐ Oatmeal Buff	☐ Pueblo Gold	☐ Raven Black
☐ Rich Earth	☐ Rosewood	☐ Sage Green	☐ Salsa Red
☐ Sand Beige	☐ Sun Bronze	☐ Toasted Almond	☐ Western Wheat

Special roof color # _____

Special wall color # _____

Special trim color # _____

Rock Color

☐ Basalt

☐ Mountain Blend

☒ Natural Grey

☐ Romana

Roof Texture

☒ Cedar Shake

☐ Ribbed Metal

Wall Texture(s) (For single color mark an X. For top and bottom textures use T = Top and B = Bottom.)

☐ Barnwood	☐ Horizontal Lap	Can only be used as bottom texture	
☐ Split Face Block	☐ T Board & Batt		
☐ Stucco/Skip Trowel	☐ Brick		
		☐ B Flagstone	☐ Napa Valley Rock
			☐ River Rock

(Textures not included in CXT's quote are additional cost.)

Door Opener

☐ Non-locking ADA Handle

☒ Privacy ADA Latch

☐ Pull Handle/Push Plate

Deadbolt ☐

Accessible Signage

☐ Men

☐ Women

☒ Unisex

Toilet Paper Holder

☐ 2-Roll Stainless Steel

☒ 3-Roll Stainless Steel

Notes:

Custom Options--ARP10HP Pressurizer(\$5,450), 8' Roll up Door (\$11,231), Blockouts for Splashpad Equipment--(1,350), Bottle Filler addition to std ADA drinking Fountain (1,455)

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800.696.5766

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Page 66 of 150



SUBJECT FOR DISCUSSION

The Great Outdoor Colorado (GOCO) – Community Impact Program Grant Application for the Community Park Renovation Project Which was Requested in January 2023 has been Approved in the Amount of \$790,000 with a Grant Period of March 21, 2023 – March 31, 2025

SUMMARY STATEMENT/BACKGROUND DISCUSSION

The Recreation Department submitted a full application to Great Outdoor Colorado (GOCO) in January 2023 and was approved in the amount of \$790,000 for the Community Center Park Renovation Project on March 10, 2023. The next step is to execute the Grant Agreement (attachment a). The grant award will be issued upon completion of the Grant agreement (attachment a).

FINANCIAL CONSIDERATIONS

Additional funding for the Community Center Park Renovation Project will help complete the master plan (attachment b).

LEGAL/POLITICAL CONSIDERATIONS

City staff will need to execute the Grant Agreement (attachment a) – The Fort Lupton City Council would need the Mayor's signature via DocuSign to complete the agreement.

ALTERNATIVES/OPTIONS

Seek additional funding from other grant agencies.

STAFF RECOMMENDATIONS

Staff recommends to accept and execute Great Outdoor Colorado (GOCO) – Community Impact program grant for the Community Park Renovation Project in the amount of \$790,000.

Attachments:

- a. Great Outdoors Colorado Agreement
 - 1. Exhibit A - E
- b. Master Plan

Certification of Council Approval:

Ordinance No. _____

Resolution No. _____

City Clerk

Date

GRANT AGREEMENT

Project Name: Community Park Renovation Project
Project Completion Date: March 31, 2025
Contract Number: 23006

PARTIES TO AGREEMENT

Board/GOCO: The State Board of the Great Outdoors Colorado Trust Fund
Address: 1900 Grant Street, Suite 725, Denver, CO 80203
E-mail Address: lkahler@goco.org
Contact Name: Leah Kahler
Telephone: 303-226-4533

Grantee: City of Fort Lupton
Address: 203 South Harrison Ave., Fort Lupton, Colorado 80621
E-mail Address: dcook@fortluptonco.gov

Contact Name: Doug Cook
Contact's Phone: (303) 857-4200 x 6164

Date: March 21, 2023

EXHIBITS

Exhibit A	Project Summary
Exhibit B	Resolution
Exhibit C	Approved Budget
Exhibit D	Special Terms
Exhibit E	Construction Documents

RECITALS

A. The State Board of the Great Outdoors Colorado Trust Fund (“GOCO” or “Board”) is a political subdivision of the State of Colorado, created by Article XXVII of the Colorado Constitution, adopted at the November 1992 General Election, which article appropriates a portion of the net proceeds of the Colorado Lottery to GOCO and directs GOCO to invest those proceeds in the state’s parks, wildlife, open space, and recreational resources.

B. GOCO created grant programs pursuant to which eligible entities can apply for grants for a variety of outdoor projects. Grantee or Grantees listed above ('Grantee') submitted a detailed project application ('Project Application') that contemplates the execution of the project (the 'Project') entitled above and described in GOCO’s project summary ('Project Summary'), attached and incorporated as Exhibit A.

C. GOCO approved Grantee’s Project Application, which is incorporated into this Agreement by reference, on March 10, 2023, subject to the execution of a detailed grant agreement. GOCO and Grantee each have on file a copy of the Project Application.

D. The parties intend this Grant Agreement (this “Agreement”) to be the detailed grant agreement required by GOCO.

AGREEMENT

NOW, THEREFORE, in consideration of the parties’ mutual covenants contained in this Agreement and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

SECTION 1 – PROJECT

1. Incorporation of Recitals. The Recitals set forth above are incorporated into this Agreement.

2. Representations and Warranties of Grantee. Grantee is a Government, duly organized in accordance with the laws of Colorado and has full and lawful authority to enter into, and comply with the terms of, this Agreement. Grantee’s governing body has authorized entering into this Agreement as evidenced by the resolution attached and incorporated as Exhibit B.

3. Grant and Project. GOCO awards to Grantee a grant in the amount not to exceed \$790,000.00 (“Grant”), subject to the terms and conditions set forth in this Agreement. The Grant shall be used by Grantee solely to complete the Project as approved by GOCO and as described in the Project Application and the Project Summary. In the event of a conflict between the Project Application and the Project Summary, the parties shall resolve the conflict by mutual agreement.

4. Project Scope. Grantee shall not materially modify the Project without the prior written consent of the Executive Director of GOCO (“Executive Director”) or the Executive Director’s designee, such approval to be in GOCO’s sole discretion. Any material modification to the

Project undertaken without GOCO's prior written consent shall be deemed a breach of this Agreement, entitling GOCO to all remedies available under this Agreement. As provided in Paragraph 15 of this Agreement, if Grantee determines with reasonable probability that the Project will not or cannot be completed as described in the Project Application and the Project Summary, Grantee shall promptly notify GOCO and shall cooperate with GOCO in good faith to seek a resolution before any further funds are disbursed.

5. Grantee Efforts. Grantee agrees to use its best efforts to complete the Project in a timely fashion and consistent with this Agreement described in the Project Application and the Project Summary.

6. Approved Budget. Grantee has completed a detailed budget that reflects anticipated sources and uses of funds for the Project, including an accounting of Grantee's anticipated costs associated with elements of the Project, a copy of which is attached and incorporated as Exhibit C ("Budget"). Eligible costs are described in Paragraph 9 of this Agreement. The Project Application contains a budget that may not match the Budget attached as Exhibit C and which, therefore, the parties shall not rely upon. Where discrepancies exist, the Budget in Exhibit C shall control unless the Executive Director or the Executive Director's designee approves an updated version of the Budget in writing. Any such updated version of the Budget shall replace the version of the Budget in Exhibit C.

7. Waiver. Prior to the disbursement of funds, the Executive Director in their discretion may waive certain conditions set forth in this Agreement. Anything else to the contrary notwithstanding, the exercise by GOCO staff ("Staff"), the Executive Director, or GOCO of any right or discretion reserved to them under this Agreement shall not be deemed a waiver. Furthermore, no waiver by them under this Agreement shall constitute a waiver of any other requirements, actions, or conditions, nor shall any waiver granted be deemed a continuing waiver. No waiver by the Staff, the Executive Director, or GOCO shall be effective unless in writing executed by them. Additionally, any failure by the Staff, the Executive Director, or GOCO to take any actions as set forth in this Agreement shall have no legal effect on the contractual duties of Grantee. Further, no waiver with respect to this Project, Grant, or Agreement shall constitute a waiver in any other GOCO-funded project.

8. Future Funding. This Agreement and the Grant only apply to the Project specifically described in this Agreement. GOCO makes no representations regarding future funding for future phases of the Project, whether or not described in the Project Application, Project Summary, or otherwise.

SECTION 2 – GRANT PAYMENT

9. Eligible Costs. The Grant and all matching funds, whether cash or in-kind, shall be used only for eligible expenses approved by GOCO in the Budget; these costs are eligible for reimbursement on the basis of costs actually incurred by Grantee. If the Project includes a property acquisition, which may include acquisition of a fee simple interest or any type of easement, the purchase price of the property may not exceed the fair market value of the property as established by an appraisal.

10. Payment of Grant.

A. *General Terms.* Payment of the Grant is subject to the Project being completed with no material modifications made, except as otherwise consented to in advance by GOCO in accordance with this Agreement. The Grant will not be increased, but GOCO may reduce the Grant if the Project changes in any way that GOCO deems material. It is the sole responsibility of Grantee to inform GOCO of, and receive GOCO's written consent to, any material modifications to the Project. GOCO strongly encourages Grantee to contact GOCO in writing when it becomes aware of or wishes to make any modifications, however seemingly minor, to the Project.

B. *Specific Terms.* GOCO strongly encourages Grantee to communicate with GOCO Staff at project commencement to determine a payment schedule, especially if Grantee requires an advance payment (as defined below). For capital construction, planning, stewardship, and capacity projects GOCO will issue payment as follows:

i. *Advanced Payment.* Grantee may opt to receive a portion of the Grant prior to starting and completing work on the project ('Advanced Payment'). Grantee may request a single Advanced Payment of up to 75% of the grant amount upon execution of this Agreement and after providing to GOCO an advanced payment request detailing secured contracts and quotes included in the GOCO-approved Project scope. The Advanced Payment must be submitted using GOCO's Advanced Payment Request form (available at www.goco.org or by contacting GOCO). GOCO may, in its discretion, request additional documentation to support making an Advanced Payment. An Advanced Payment shall be considered a loan until the Project is complete and Final Payment (as defined below) has been made.

Annually, at the end of GOCO's fiscal year which concludes on June 30, GOCO will conduct an audit of all expenditures made by the Grantee using GOCO advanced payment funds during the year (July 1 – June 30). This may include requests for any invoices, receipts, billing statements evidence of payment, or other supporting materials relating to the receipt and use of GOCO funds by Grantee or third-party beneficiaries. The Grantee agrees to provide GOCO materials requested as part of any such review by July 15. GOCO shall provide the parties written notification if such review indicates deficiencies, errors, or other issues with money previously advanced. The parties agree to confer in good faith within 30 days of receipt of any notifications to achieve a resolution, as appropriate.

ii. *Progress Payment.* Grantee may opt to receive a portion of the Grant after starting but prior to completing work on the Project ('Progress Payment'). Grantee shall provide GOCO with a progress report detailing expenditures and progress made to date ('Progress Report'). The Progress Report must be submitted using GOCO's Progress Report form (available at www.goco.org or by contacting GOCO). GOCO may, in its discretion, request additional documentation to support making a Progress Payment. Progress Payments shall not exceed 75% of the Grant. Progress Payments shall be considered a loan until the Project is complete and Final Payment (as defined below) has been made.

iii. *Final Payment.* Grantee shall submit a final report to GOCO detailing the accomplishments of and expenditures related to the Project and its completion ('Final Report'). The Project is 'complete' when all improvements or activities included in the GOCO-approved Project scope have been built and are ready for their intended use. The Final Report must be submitted using GOCO's Final Report form (available at www.goco.org or by contacting GOCO). GOCO may, in its discretion, request additional documentation before its approval of the contents of the Final Report. Upon GOCO's review and approval of the Final Report, GOCO shall pay the outstanding balance on the Grant ('Final Payment'), subject to any reductions contemplated by any provision of this Agreement.

iv. *Waivers of Liens and Claims.* GOCO may, in its discretion, depending on the nature of the Project, require documentation of mechanics' lien waivers or waivers of claims to public project performance bonds as a precondition to any disbursement under this Agreement.

11. Net Lottery Proceeds. Payment of the Grant is subject to GOCO's determination in its sole discretion that it has received and has available sufficient net lottery proceeds to fund the Grant and that Grantee has complied with this Agreement, including Grantee's fulfillment of all conditions precedent to funding. In determining the sufficiency of net lottery proceeds, GOCO may consider all facts and circumstances as it deems necessary or desirable, including but not limited to adequate reserves, funding requirements, and/or commitments for other past, current, and future grants, and past, current, and future GOCO operating expenses and budgetary needs.

12. GOCO Review. GOCO shall have 30 days to review any progress or final report or other request and respond to Grantee, unless the Grant or portion thereof is for a property acquisition where grant reports are deemed inapplicable.

13. Withdrawal of GOCO Funding; Termination of Agreement. Anything in this Agreement to the contrary notwithstanding, with prior notice to Grantee, GOCO reserves the right to withhold or withdraw all or a portion of the Grant, to require a full or partial refund of the Grant, and/or to terminate this Agreement if GOCO determines in its sole discretion that:

A. *Altered Expectations.* Facts have arisen or situations have occurred that fundamentally alter the expectations of the parties or make the purposes for the Project or the Grant presented in the Project Application and described in the Project Summary infeasible or impractical;

B. *Material Project Changes.* Material changes in the scope or nature of the Project have occurred from that which was presented in the Project Application, and reflected in the Project Summary, without prior written approval of the Executive Director or the Executive Director's designee;

C. *Inaccuracies.* Any statement or representation made or information provided by Grantee in the Project Application, this Agreement, grant report documents, due diligence materials, or otherwise is untrue, inaccurate, or incomplete in any material respect;

D. *Reporting.* Grant reports (if applicable) or due diligence materials (if applicable) are not acceptable to GOCO;

E. *Conditions Precedent Not Fulfilled or Unsatisfactory.* Any of the conditions precedent to funding listed in Section 3 below is not fulfilled by Grantee or is unsatisfactory to GOCO, in its sole discretion;

F. *Delays.* The Project will not or cannot be completed by the Completion Date, as defined below, or any extensions granted, or delays in the implementation of the Project have occurred that make the Project impracticable in the Board's judgment; or

G. *Costs.* The Project will not or cannot be completed within the Budget including such modifications to the Budget as have been approved in writing by GOCO.

SECTION 3 – CONDITIONS PRECEDENT

14. Completion Date. Grantee shall complete the Project no later than March 31, 2025 ("Completion Date"). Grantee may request an extension of the Completion Date in compliance with GOCO's policies and procedures, as such policies and procedures may be amended from time to time by GOCO in its sole discretion. GOCO may elect to terminate this Agreement and deauthorize the Grant in the event the Completion Date is not met and/or Grantee fails to comply with GOCO's extension procedures.

15. Grantee's Inability to Complete Project. If Grantee determines with reasonable probability that the Project will not or cannot be completed as approved by GOCO, Grantee will promptly advise GOCO in writing. Upon written request by Grantee, as a possible alternative to termination of the Grant, GOCO may consider funding an alternative project scope. Any alternative scope must meet GOCO eligibility requirements and applicable policies and procedures must be approved by GOCO in writing, and shall be subject to this Agreement and incorporated herein.

16. Conditions Precedent to Funding. Anything else in this Agreement or otherwise to the contrary notwithstanding, the Grant is expressly conditioned upon Grantee's fulfillment of all terms and conditions of this Agreement to GOCO's satisfaction in its sole discretion, including but not limited to the following:

A. *Matching Funds.* Matching funds in the minimum amount required by GOCO policy or procedure, or as modified and approved in compliance with GOCO procedures, must have been received by Grantee, or Grantee must have disclosed the status of Grantee's efforts to secure matching funding to the Staff and such efforts must have been deemed satisfactory by Staff. Grantee shall provide evidence of matching funds as GOCO may require in its reasonable discretion.

B. *GOCO Policies and Procedures.* The Project must comply with all of GOCO's policies and procedures, which may be amended from time to time by GOCO in its sole

discretion, and must meet any special Board conditions as listed in the attached Project Summary (Exhibit A).

SECTION 4 – OTHER PROVISIONS

17. Additional Terms for Certain Grants. If the Grant is a stewardship grant, a capital construction grant, and/or a grant that is made to acquire an interest in real property the special terms attached and incorporated as Exhibit D shall apply to the Grant.

18. Publicity and Project Information. GOCO has the right and must be provided the opportunity to use information gained from the Project; therefore, Grantee shall acknowledge GOCO funding in all news releases and other publicity issued by Grantee concerning the Project. If any events are planned in relationship to the Project, GOCO shall be acknowledged as a contributor in the invitation for the event. GOCO shall be notified of any such events 30 days in advance. Grantee shall cooperate with GOCO in preparing public information pieces, providing access to the property for publicity purposes (to the extent allowed by the landowner if the Project entails a conservation easement on a privately-owned property), and providing photos or other imagery of the Project from time to time, which GOCO reserves the right to use and duplicate in any print or electronic publication or platform for publicity, illustration, advertising, web content, and other purposes at any time without the need to seek pre-approval from Grantee. To the extent practicable, Grantee shall give timely notice of the Project, its inauguration, significance, and completion to the local members of the Colorado General Assembly and members of the board of county commissioners of the county or counties in which the Project is located, as well as to other appropriate public officials. At no time shall Grantee represent in any manner to the public or to any party that it is affiliated with GOCO or acting on behalf of GOCO.

19. Signage. Grantee shall erect one or more permanent signs at a prominent and visible location approved by GOCO on the Project site identifying the Project to the public and acknowledging the assistance of Great Outdoors Colorado and the Colorado Lottery. The signage shall be erected *unless* GOCO approves a waiver requested by the Grantee. GOCO will provide such signs at no cost to Grantee. Alternatively, GOCO will provide reproducible samples of its logo to Grantee for custom signs. GOCO must approve in advance the design of any permanent sign materially varying from the signs provided by GOCO. To obtain such approval, Grantee shall submit to GOCO plans describing the number, design, placement, and wording of signs and placards prior to their placement.

20. Liability.

A. Liability. To the extent allowed by law, Grantee shall be responsible for any and all liabilities, claims, demands, damages, or costs (including reasonable attorneys' fees) resulting from, growing out of, or in any way connected with or incident to Grantee's performance of this Agreement (with the exception of potential claims between GOCO and Grantee relating to performance of this Agreement). Grantee agrees that GOCO shall not be liable or responsible for any such liabilities resulting from, growing out of, or in any way connected with or incident to Grantee's performance of this Agreement. Grantee waives any and all rights to any right of contribution from the State of Colorado, GOCO, its members, officers, agents, or employees for

any liability resulting from, growing out of, or in any way connected with or incident to this Agreement.

B. *No CGIA Waiver.* No term or condition of this Agreement shall be construed or interpreted as a waiver, either express or implied, of any of the immunities, rights, benefits or protections provided to GOCO under the Colorado Governmental Immunity Act as amended or as may be amended in the future (including without limitation any amendments to such statute, or under any similar statute that is subsequently enacted) (“CGIA”). This provision may apply to Grantee if Grantee qualifies for protection under the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, et seq. GOCO and Grantee understand and agree that liability for claims for injuries to persons or property arising out of the negligence of GOCO, its members, officials, agents, and employees may be controlled and/or limited by the provisions of the CGIA. The parties agree that no provision of this Agreement shall be construed in such a manner as to reduce the extent to which the CGIA limits the liability of GOCO, its members, officers, agents, and employees.

C. *Compliance with Regulatory Requirements and Federal and State Mandates.* Grantee assumes responsibility for compliance with all regulatory requirements in all applicable areas, including but not limited to nondiscrimination; worker safety; local labor preferences; preferred vendor programs; equal employment opportunity; use of competitive bidding; permits; approvals; local, state, and federal regulations and environmental laws; and other similar requirements. To the maximum extent permitted by law, Grantee agrees to indemnify, defend, and hold harmless GOCO, Executive Director, and Staff from any cost, expense, or liability for any failure to comply with any such applicable requirements.

D. *Nondiscrimination.* During the performance of this Agreement, Grantee and its contractors, subcontractors, and agents shall not unlawfully discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, age, sex, or any other basis prohibited by local, state, or federal law. Grantee and its contractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. Further, Grantee and anyone acting on behalf of Grantee shall not engage in any unlawful discrimination in permitting access to and use of the Project.

21. Audits and Accounting Records. Grantee shall maintain standard financial accounts, documents, and records relating to any expenses incurred for the Project. Grantee shall retain the accounts, documents, and records related to the Project for five years following the date of Project completion (“Record Retention Period”). If there is any pending litigation, claim, or ongoing audit related to the Project that commences before but exceeds the five-year Record Retention Period and GOCO provides notice to Grantee, Grantee shall retain the accounts, documents, and records related to the Project until the litigation, claim, or ongoing audit concludes. The accounts, documents, and records related to the Project shall be subject to examination and audit by GOCO or its designated agent during this period. All accounts, documents, and records described in this paragraph shall be kept in accordance with generally accepted accounting principles.

22. Breach. In addition to other remedies that may be provided in this Agreement or that may be available at law or in equity, in the event that Grantee breaches any of the terms or conditions of this Agreement, GOCO shall have the following non-exclusive remedies:

A. *Prior to Payment of Grant.* GOCO reserves the right to withdraw funding, terminate this Agreement, and/or deny Grantee eligibility for participation in future GOCO grants, loans, or projects.

B. *After Any Payment of Grant.* GOCO reserves the right to seek specific performance of Grantee's obligations under this Agreement; receive reimbursement in full of any disbursements made under the Grant, including if Grantee does not fulfill its obligations to operate, manage, and/or maintain a capital improvement due to lack of annual appropriations (if applicable); and/or deny Grantee eligibility for participation in future GOCO grants, loans, or projects. GOCO has the right to disallow costs and recover funds based on audits, litigation, claims or other review made within the Record Retention Period.

In the event GOCO must pursue any remedy under this Agreement and is the substantially prevailing party, GOCO shall be awarded its costs and reasonable legal fees, including costs of collection.

23. GOCO Policies and Procedures. Grantee acknowledges it has received a copy of the GOCO policies and procedures or otherwise has access to applicable policies and procedures of GOCO in connection with this Agreement and is familiar with their requirements.

24. Miscellaneous Provisions.

A. *Good Faith.* The parties have an obligation of good faith, including the obligation to make timely communication of information that may reasonably be believed to be of interest to all other parties.

B. *Assignment.* Grantee may not assign its rights or delegate its obligations under this Agreement without the express written consent of the Executive Director or the Executive Director's designee, who has the sole discretion to withhold consent to assign. Any assignment shall require that, at a minimum, the assignee is eligible to receive grants from the Board, or otherwise receives express permission from the Board to act as assignee, and assumes Grantee's ongoing obligations under this Agreement.

C. *Applicable Law.* Colorado law applies to the interpretation and enforcement of this Agreement. Venue for any dispute under this Agreement shall lie exclusively in the state courts of the City and County of Denver.

D. *No Joint Venture.* Nothing in this Agreement shall be construed to create a joint venture, partnership, employer/employee, or other relationship between the parties other than independent contracting parties. Except as permitted under the remedies provisions of this

Agreement, no party shall have the express or implied right to act for, on behalf of, or in the name of any other party.

E. *Status of Grantee.* The parties acknowledge that GOCO lacks the power and right to direct the actions of Grantee. Grantee acts in its separate capacity and not as an officer, employee, or agent of GOCO.

F. *Time is of the Essence.* Time is of the essence in this Agreement.

G. *Survival.* The terms and conditions of this Agreement, including but not limited to Grantee's obligations, shall survive the funding of the Grant and the completion of the Project.

H. *Counterparts.* This Agreement may be executed in one or more counterparts, each of which shall be an original, but all of which when taken together shall constitute one agreement. In addition, the parties agree to recognize signatures to this Agreement made electronically and transmitted electronically or by facsimile as if they were original signatures.

I. *Third-Party Beneficiary.* GOCO and Grantee acknowledge and agree that this Agreement is intended only to cover the relative rights and obligations between GOCO and Grantee and that no third-party beneficiaries are intended. Notwithstanding the preceding statement, GOCO and Grantee acknowledge that: (1) GOCO is intended to be and is a third-party beneficiary of any real property covenants and terms of any use restriction and real property interest in any use restriction that GOCO funds and (2) in some circumstances a third party may benefit from this Agreement if the Grantee assigns the Project or if a third party will hold a use restriction.

J. *Notice.* Any notice, demand, request, consent, approval, or communication that any party desires or is required to give shall be in writing and shall be deemed to have been given to the other party when (a) hand-delivered; (b) sent by e-mail to the e-mail address listed on Page 1 of this Agreement (with a copy of such notice delivered by hand or deposited in the United States mail (registered or certified mail, postage prepaid, return receipt requested) or by reputable delivery service (return receipt or delivery tracking requested)); or (c) sent by a nationally-recognized overnight courier service to the street address listed on Page 1 of this Agreement.

K. *Construction; Severability.* The parties have reviewed this Agreement, and therefore any rules of construction requiring that ambiguities be resolved against a particular party shall not be applicable in the construction and interpretation of this Agreement. If any provision in this Agreement is found to be ambiguous, an interpretation consistent with the purpose of this Agreement that would render the provision valid shall be favored over any interpretation that would render it invalid. If any provision of this Agreement is declared void or unenforceable, it shall be deemed severed from this Agreement, and the balance of this Agreement shall otherwise remain in full force and effect.

L. *Entire Agreement.* Except as expressly provided, this Agreement constitutes the entire agreement of the parties. No oral understanding or agreement not incorporated in this

Agreement shall be binding upon the parties. No changes to this Agreement shall be valid unless made in writing and signed by the parties to this Agreement.

M. *Termination of the Board.* If Article XXVII of the Colorado Constitution, which established GOCO, is amended or repealed to terminate GOCO or merge GOCO into another entity, the rights and obligations of GOCO under this Agreement shall be assigned to and assumed by such other entity as provided by law, but, in the absence of such direction, by the Colorado Department of Natural Resources or its successor.

IN WITNESS WHEREOF, the parties by signature below of their authorized representatives execute this Agreement effective as of _____.

STATE BOARD OF THE GREAT
OUTDOORS COLORADO TRUST FUND
By:

GRANTEE:
By:

Jackie Miller
Title: Executive Director

Name: Doug Cook
Title: Recreation Manager

GOCO Program Staff:
Route Grant Agreement to
Executive Director for signature:

Name: Leah Kahler
Title: Grants Officer

COGRANTEE (if applicable):
By:

Name:
Title:

EXHIBIT A

Project Summary

The community of Fort Lupton will implement park improvements that reflect a collaboratively planned, inclusive community park where residents and children of all ages and abilities can play and the community can connect. The city will add an accessible splash park, an accessible playground, and improved trails in and to the park.

The project will better connect local schools, senior living areas, and affordable housing neighborhoods to the space. These elements will reduce economic and physical barriers to outdoor recreation in the community. The improvements will increase safety, provide much-needed recreation options for those with physical disabilities and economic challenges, and make the park accessible by wheelchair, foot, or bike.

The project will benefit the surrounding community and regional visitors, as well as groups that frequent the space including the Boys and Girls Club and Discovery Kids Club Summer Day Camp Program.

EXHIBIT B
Resolution

RESOLUTION NO. 2022R078

A RESOLUTION OF THE CITY COUNCIL OF FORT LUPTON AUTHORIZING SUBMITTAL OF THE FULL APPLICATION FOR THE COMMUNITY IMPACT PROGRAM GRANT WITH THE GREAT OUTDOORS COLORADO FOR THE COMMUNITY CENTER PARK RENOVATION PROJECT AND AUTHORIZE THE MAYOR TO SIGN

WHEREAS, the Recreation Department submitted a Community Center Park Renovation Concept Letter to The Great Outdoors Colorado (GOCO) on November 3, 2022; and

WHEREAS, GOCO awarded a full application on November 17, 2022 in the amount of \$790,000.00; and

WHEREAS, a resolution in support of the project from the Fort Lupton City Council is a requirement of the GOCO grant; and

WHEREAS, if this resolution is approved, the application will be finalized and submitted to GOCO by January 5, 2023.

NOW THEREFORE BE IT RESOLVED that the City of Fort Lupton City Council hereby authorizes staff to submit the full application and authorizes the Mayor's signature on the application and any other necessary documents with Great Outdoors Colorado (GOCO) Community Impact Grant for the amount of \$790,000.00 for the Community Center Park Renovation Project.

APPROVED AND PASSED BY A MAJORITY VOTE OF THOSE ELECTED TO THE CITY COUNCIL OF THE CITY OF FORT LUPTON, COLORADO THIS 6TH DAY OF DECEMBER 2022.

City of Fort Lupton, Colorado





Zo Hubbard, Mayor

Attest:


Maricela Peña, City Clerk

Approved as to form:


Andy Ausmus, City Attorney

EXHIBIT C
Approved Budget

PROJECT BUDGET & DETAILS

APPLICATION SCOPE OF WORK

Source of Funds (CASH)	Date Secured	GOCO Funds	Matching Funds
GOCO Grant Request		\$790,000.00	
City of Fort Lupton FY2023 Budget (General Fund) - approved by City Council 10/15/22	12/7/22		\$650,000.00
City of Fort Lupton - Cultural Park & Recreation Sales Tax - approved by City Council 10/15/22	12/7/22		\$250,000.00
City of Fort Lupton - Conservation Trust Funds - approved by City Council 10/15/22	12/7/22		\$250,000.00
Fort Lupton Citizens - 36 individuals & Families, 16 businesses & 3 non-profits - secured	10/1/22		\$50,610.00
Challenge Grant from Dale's Pharmacy - secured	4/1/23		\$20,000.00
The Weld Trust - Healthy Habits Grant - secured	3/1/23		\$410,000.00
Source of Funds (IN-KIND)			
n/a			
	subtotal	\$790,000.00	\$1,630,610.00
TOTAL SOURCE OF FUNDS			\$2,420,610.00

Use of Funds (CASH)	Description	GOCO Funds	Matching Funds	Total Funding
Splash Park Area				
TBD - selected vendor	Splash Pad, Restroom & Plaza & Educational Features	\$290,000.00	\$657,730.00	\$947,730.00
Shade				
TBD - selected vendor	Shade Structures & Picnic Area	\$100,000.00	\$200,000.00	\$300,000.00
Playground Redesign				
TBD - selected vendor	General Contractor & Playground Equipment & Canopy	\$400,000.00	\$550,000.00	\$950,000.00
Trails				
Gerardo Concrete	Design and Construction - connecting trails	\$0.00	\$222,880.00	\$222,880.00
	subtotal	\$790,000.00	\$1,630,610.00	\$2,420,610.00
Use of Funds (IN-KIND)	Description		Matching Funds	
n/a				
	subtotal		\$0.00	
		GOCO Funds	Matching Funds	
	subtotal	\$790,000.00	\$1,630,610.00	
TOTAL USE OF FUNDS*				\$2,420,610.00

* The Total Use of Funds must equal the Total Source of Funds in the section above.

OTHER LEVERAGED RESOURCES (OPTIONAL)

CASH OR IN-KIND	Description	Total Funding
City of Fort Lupton		
DHM Design	90% design - Community Center Inclusivity Project Master Plan	\$4,000.00
*expended to date		
Vortex	Splash pad features and equipment	\$261,747.95
*expended by February 1, 2023		
DHM Design	Final design and construction drawings	\$99,364.40
*expended by December 31, 2022		
Dig Deep	Technical Assistance (Phase 1 and Phase 2)	\$50,000.00
*expended to date		
Churchich Recreation	Splash Park Pavilion	\$34,142.80
*expended by December 31, 2022		
Public Outreach	Public Outreach for Final Design (incentives)	\$1,100.00
*expended by December 31, 2022		
	subtotal	\$450,355.15

TOTAL PROJECT VALUE **\$2,870,965.15**

GOCO % of project cost 33%
GOCO % of project value 28%

EXHIBIT D
Special Terms: Capital Construction Grant

1. Property Ownership. All properties on which GOCO-funded projects are located must be owned by, under the control of, or have been granted access to by the Grantee for the useful life of the Project (the “Property”). If Grantee does not own the Property on which the Project is to be located, Exhibit D between Grantee and the Property’s owner continues in effect and unmodified throughout the term of this Agreement.

2. Project Operation and Maintenance.

A. Subject to annual appropriations, Grantee shall operate, manage, and maintain the Project in a reasonable state of repair for the purposes specified and for the useful life of the Project, or a minimum of 15 years, in accordance with product warranties and/or the generally accepted standards in the parks/recreation community. Grantee also shall provide and maintain access to the Project and to the Property, regardless of the Property’s ownership. Failure to comply with this paragraph may be deemed a breach by Grantee under Paragraph 22.

B. GOCO shall not be liable for any cost of maintenance, management, or operation of the Project.

C. Within 60 days of a reasonable request by the Board, Grantee will provide the Board with adequate records reflecting the operating and maintenance costs of the Project and provide the Board with such other information concerning the use of the Project by the public and the impact of the Project.

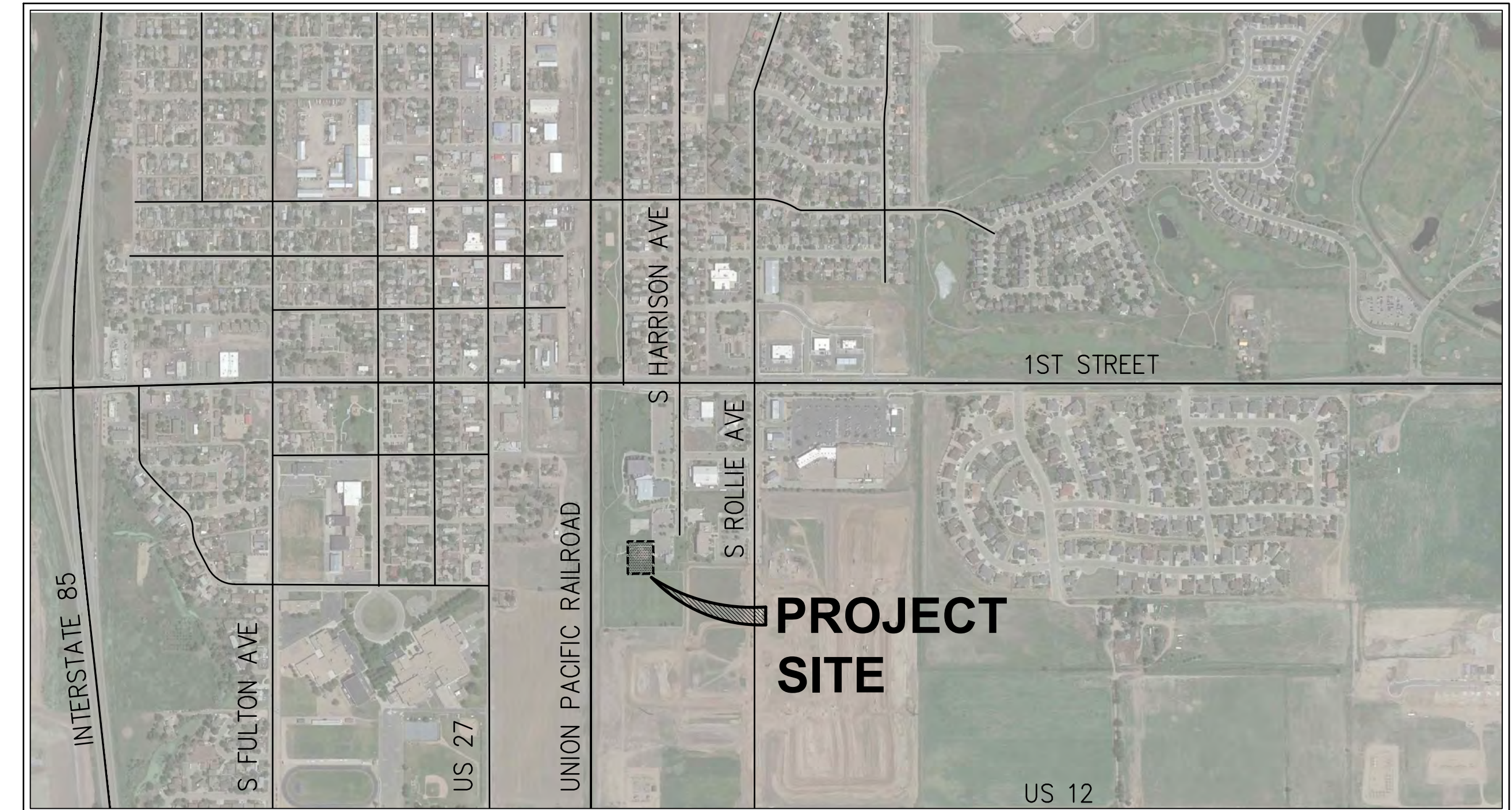
D. Grantee’s staff shall request during the Grantee’s annual budget process an appropriation sufficient to meet the financial obligations of Grantee under this Agreement. Grantee will use its best efforts to fully consider such appropriation. The parties understand that the Board is relying upon fair and full consideration of annual appropriation in its decision to extend its resources and the Grant and to enter into this Agreement. In the event that Grantee fails to appropriate sufficient funds to meet the obligations of this Agreement, Grantee shall provide notice to the Board of the specific reason(s) for any decision not to appropriate funding. Grantee’s staff shall notify the Board of any recommendation not to fund or to partially fund the annual appropriation necessary to fulfill Grantee’s obligations under this Agreement.

3. Public Access. Grantee agrees, for itself and its successors in interest, to allow reasonable public access to the Project for the useful life of the Project. Grantee may temporarily close such public access for construction, maintenance, emergency situations, or other reasonable purposes.

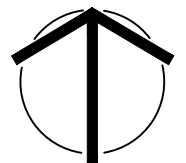
4. Insurance. Grantee shall maintain general liability insurance or self-insure for the entire period of the Project for protection in the event of injury and/or damage. The insurance limits shall not be less than \$1,000,000.00 per occurrence and \$2,000,000.00 aggregate. If the Grantee contracts with another organization to complete the Project, it is the responsibility of the Grantee to ensure its contractor carries insurance that fulfills this requirement.

EXHIBIT E
Construction Documents

PRELIMINARY CONSTRUCTION DOCUMENTS
FORT LUPTON SPLASHPAD
CITY OF FORT LUPTON, COLORADO
203 S HARRISON AVE, 80621



VICINITY MAP



NOT TO SCALE

SHEET INDEX

LANDSCAPE PLANS:

SP1.0	COVER SHEET
L1.0	OVERALL SITE PLAN & GENERAL NOTES
L2.0	EXISTING CONDITIONS & DEMOLITION PLAN
L2.1	LAYOUT & MATERIALS PLAN
L3.0	ENLARGEMENT PLAN
L4.0	GRADING PLAN
L5.0-L5.3	LANDSCAPE PLAN
	SITE DETAILS

CIVIL ENGINEERING PLANS:

C1.0 EROSION CONTROL, GRADING, AND UTILITIES

ELECTRICAL ENGINEERING PLANS:

E0.0	ELECTRICAL COVER SHEET
E1.0	ELECTRICAL SITE PLAN
E1.1	ENLARGED ELECTRICAL PLANS
E3.0	ELECTRICAL SCHEDULES AND ONELINE DIAGRAM
EP1.0	ELECTRICAL SITE AND PHOTOMETRIC PLAN
EP1.1	ELECTRICAL PHOTOMETRIC DETAILS

IRRIGATION PLANS:

IR1.0	IRRIGATION SCHEDULE AND NOTES
IR2.0	IRRIGATION PLAN
IR3.0	IRRIGATION DETAILS
IR3.1	IRRIGATION DETAILS

OWNER

CITY OF FORT LUPTON
203 S HARRISON AVE
FORT LUPTON, COLORADO, 80621
PHONE: (303) 857-4200
CITY CONTACT: DOUG COOK

PROJECT TEAM

LANDSCAPE ARCHITECT

DHM DESIGN CORPORATION
900 SOUTH BROADWAY, SUITE 300
DENVER, CO 80209
PHONE: 720.763.3969
CONTACT: MATTHEW WHIPPLE

CIVIL ENGINEER

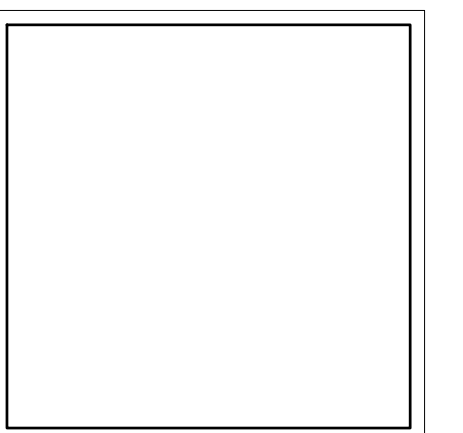
KMJ ENGINEERING
400 INVERNESS PARKWAY, SUITE 425
ENGLEWOOD, CO. 80112
PHONE: 303.643.3877
CONTACT: RYAN SUNDBERG

ELECTRICAL ENGINEER

AE DESIGN
1900 WAZEE STREET #205
DENVER, CO 80202
PHONE: 303.296.3034
CONTACT: JON BROOKS

IRRIGATION DESIGN

HYDROSYSTEMS KDI, INC.
960 TABOR STREET, SUITE 200
LAKEWOOD, CO 80401
PHONE: 303.980.5327
CONTACT: KEN DIPAOLO

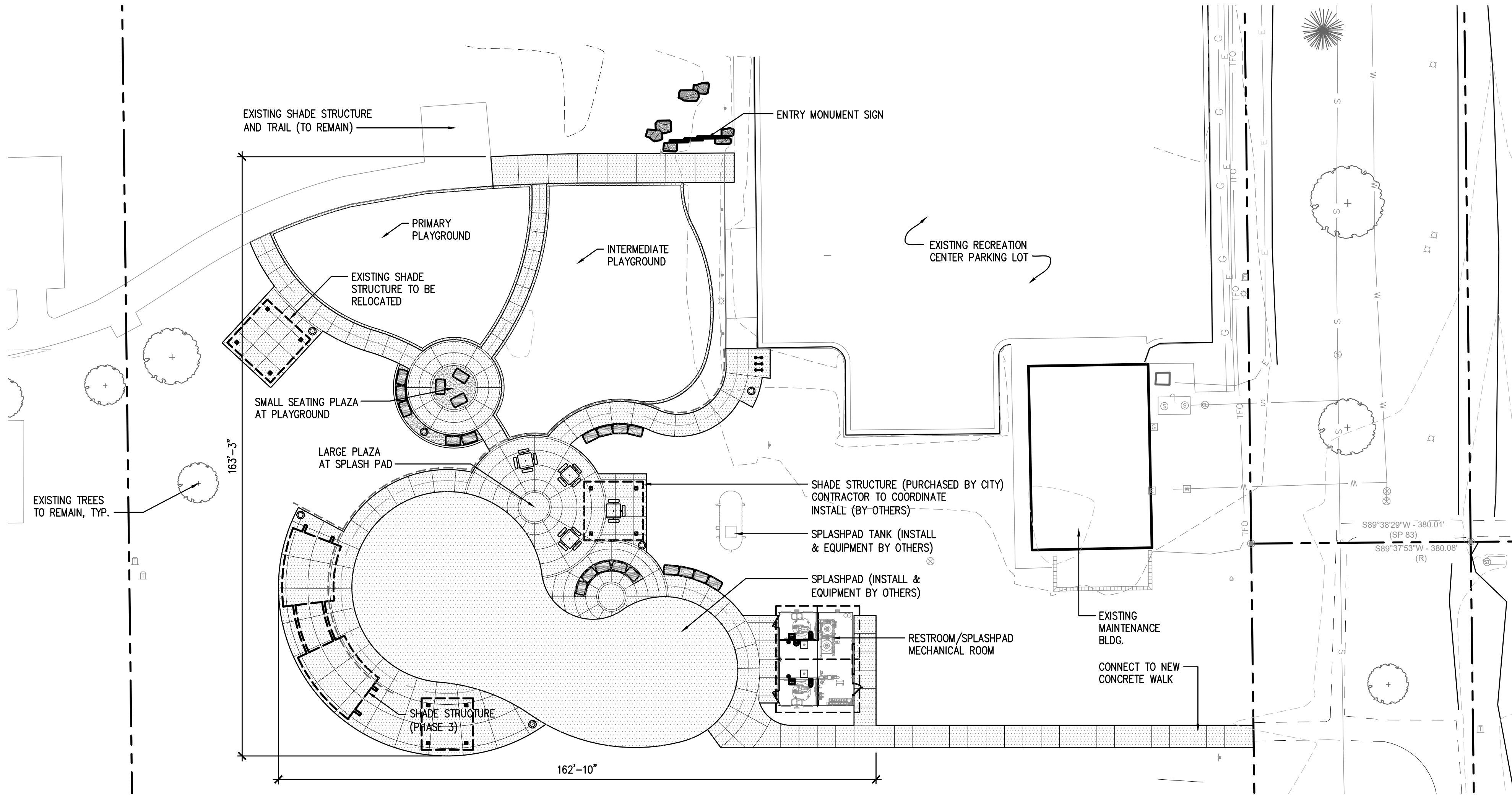


DHM DESIGN
LANDSCAPE ARCHITECTURE
LAND PLANNING
URBAN DESIGN

PLAN DATE:

SITE LAYOUT GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STAKING BOTH LINE AND GRADE. ANY DISCREPANCIES, ERRORS OR OMISSIONS ON THE CONSTRUCTION DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY PRIOR TO MOVING FORWARD WITH ANY WORK. FAILURE TO IMMEDIATELY NOTIFY THE OWNER AND LANDSCAPE ARCHITECT WILL RESULT IN THE CONTRACTOR TAKING FULL RESPONSIBILITY FOR ADJUSTMENTS TO THE DESIGN, AT NO ADDITIONAL COST TO THE OWNER.
2. THE CONTRACTOR SHALL STAKE ALL KEY AREAS TO BE REVIEWED BY THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. REFER TO SITE SURVEY FOR ADDITIONAL INFORMATION. CONTRACTOR TO REVIEW ALL PROJECT AND SURVEY INFORMATION AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING ON PROJECT AND PERFORMING ANY CONSTRUCTION OPERATIONS. ANY DISCREPANCIES, ERRORS OR OMISSIONS ON THE CONSTRUCTION DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY PRIOR TO MOVING FORWARD WITH ANY WORK.
4. PROVIDE PROTECTIVE BARRIERS, FENCING, ETC., AS REQUIRED BY THE CITY OF FORT LUPTON STANDARDS, PLANS AND SPECIFICATIONS, AS PART OF ORIGINAL BID.
5. BEFORE CONSTRUCTION, CONTRACTOR SHALL LOCATE ALL PUBLIC AND PRIVATE UNDERGROUND UTILITIES WITH RESPECTIVE UTILITY COMPANIES AND BECOME FAMILIAR WITH ALL EXISTING UTILITY CONDITIONS. CONTRACTOR TO REVIEW AND COMPARE SURVEY INFORMATION AND UTILITY LOCATES FOR DISCREPANCIES, ERRORS AND OMISSIONS AND BRING TO THE ATTENTION OF THE OWNER AND THE LANDSCAPE ARCHITECT IMMEDIATELY.
6. CONTRACTOR TO REPAIR ANY ASPHALT, CONCRETE, LANDSCAPE IMPROVEMENTS, STRUCTURES, FENCING, UTILITIES, AND OTHER SITE FEATURES DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO OWNER.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS TESTING AND TESTING FREQUENCY, AS REQUIRED BY THE CITY OF FORT LUPTON. ALL RESULTS SHALL BE SUBMITTED TO THE OWNER AND LANDSCAPE ARCHITECT FOR IMMEDIATE REVIEW.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY PERMITS OR LICENSES REQUIRED FOR THE PERFORMANCE OF THE WORK AS APPLICABLE TO THIS PROJECT.
9. ADDITIONAL CAD LAYOUT INFORMATION WILL BE PROVIDED TO THE SELECTED CONTRACTOR PRIOR TO CONSTRUCTION FOR LAYOUT PURPOSES ONLY.
10. DUE TO SCALE OF DRAWINGS, NOT ALL CONDITIONS/ITEMS CARRY A DETAIL CALLOUT OR NOTATION ON THE PLAN. THIS DOES NOT EXCLUDE THIS CONDITION/ITEM FROM THE PROJECT. QUESTIONS OR CONCERNS REGARDING WHAT IS INCLUDED WITHIN THIS PROJECT SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO BIDDING OTHERWISE ALL ELEMENTS, FEATURES, UTILITIES, ETC. AS SHOWN ON THE PLAN SHALL BE INCLUDED WITHIN THE ORIGINAL BID.
11. CONTRACTOR TO RELOCATE ANY EXISTING SITE UTILITIES THAT MAY CAUSE CONFLICT WITH WALLS, FOOTING, AND GRADING AT NO ADDITIONAL COST TO OWNER.
12. CONTRACTOR TO REFER TO GEOTECHNICAL, CIVIL, IRRIGATION, ELECTRICAL AND STRUCTURAL PLANS AND REPORTS FOR ADDITIONAL INFORMATION.
13. CONTRACTOR TO COORDINATE WITH LANDSCAPE ARCHITECT ON PLACEMENT OF LIGHT FIXTURES RELATIVE TO ADJACENT ELEMENTS (I.E. - EDGE OF WALKS, BOULDERS, PARKING LOT CURB AND GUTTER, ETC.) TO ENSURE EQUAL AND ADEQUATE SPACING IS PROVIDED.
14. CONTRACTOR TO REFER TO CITY OF FORT LUPTON STANDARD DETAILS AND SPECIFICATIONS FOR FURTHER DETAIL, INFORMATION AND REQUIREMENTS. CITY STANDARDS AND SPECIFICATIONS SHALL TAKE PRECEDENCE OVER ANY CONFLICTING INFORMATION CONTAINED WITHIN THESE PLANS.
15. ALL CONCRETE SCORING SHALL BE HAND-TOOLED, UNLESS OTHERWISE NOTED.



SITE DEMOLITION GENERAL NOTES

1. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLAN MAY VARY FROM THE ACTUAL CONDITIONS; ADDITIONAL UTILITIES, NOT SHOWN ON PLANS, MAY ALSO EXIST. CONTRACTOR TO FIELD VERIFY ALL UTILITIES, PRIOR TO CONSTRUCTION AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER AND LANDSCAPE ARCHITECT IMMEDIATELY.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO EXISTING UTILITIES, WALKWAYS, PAVING, LANDSCAPE IMPROVEMENTS, IRRIGATION, OTHER EXISTING STRUCTURES AND IMPROVEMENTS & CONDITIONS THAT ARE TO REMAIN, AS A RESULT OF THE CONTRACTOR'S WORK. THE REPAIR OF SUCH DAMAGE WILL BE AT NO ADDITIONAL COST TO THE OWNER.
3. IT IS THE CONTRACTORS RESPONSIBILITY TO DOCUMENT ALL DAMAGES AND BRING TO THE ATTENTION OF THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK. ANY DAMAGES NOT DOCUMENTED AND BROUGHT TO THE ATTENTION OF THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO BEGINNING ANY WORK, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
4. THE EXISTING CONDITIONS PLAN INDICATES THE APPROXIMATE LOCATIONS OF WORK ITEMS WHICH WILL BE REQUIRED AS PART OF THIS CONTRACT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS PRIOR TO START OF PROJECT. ANY DISCREPANCIES BETWEEN EXISTING SITE CONDITIONS AND THIS PLAN MUST BE BROUGHT TO THE ATTENTION OF THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO BIDDING FOR CONSIDERATION OF SCOPE MODIFICATION.
5. ALL EQUIPMENT AND MATERIALS TO BE DEMOLISHED AND REMOVED MUST BE DISPOSED OF OFFSITE BY THE CONTRACTOR UNLESS OTHERWISE NOTED AS PART OF THE BID AND AT NO ADDITIONAL EXPENSE TO THE OWNER.
6. CONTRACTOR TO REVIEW AND FOLLOW ALL CITY OF FORT LUPTON STANDARDS & SPECIFICATIONS AS WELL AS REVIEW PROJECT SPECIFICATIONS FOR ADDITIONAL PROJECT REQUIREMENTS. CITY STANDARDS & SPECIFICATIONS SHALL TAKE PRECEDENCE OVER PROJECT STANDARDS & SPECIFICATIONS.

SITE GRADING GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STAKING BOTH LINE AND GRADE. ANY DISCREPANCIES, ERRORS OR OMISSIONS ON THE CONSTRUCTION DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY PRIOR TO MOVING FORWARD WITH ANY WORK. FAILURE TO IMMEDIATELY NOTIFY THE OWNER AND LANDSCAPE ARCHITECT WILL RESULT IN THE CONTRACTOR TAKING FULL RESPONSIBILITY FOR ADJUSTMENTS TO THE DESIGN, AT NO ADDITIONAL COST TO THE OWNER.
2. THE CONTRACTOR SHALL STAKE ALL KEY AREAS TO BE REVIEWED BY THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. THE CONTRACTOR SHALL REMOVE ALL SEDIMENT, MUD, AND CONSTRUCTION DEBRIS THAT MAY ACCUMULATE IN THE FLOW LINES AND PUBLIC RIGHT-OF-WAYS AS A RESULT OF THIS PROJECT. SAID REMOVAL SHALL BE CONDUCTED IN A TIMELY MANNER AT NO ADDITIONAL COST TO THE OWNER.
4. SPOT ELEVATIONS SHALL TAKE PRECEDENCE OVER CONTOURS. CONTRACTOR SHALL PROVIDE A SMOOTH FINISH GRADE THROUGHOUT THE ENTIRE PROJECT FREE OF RUTS, DEPRESSIONS AND IRREGULARITIES. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES. ALL SWALES, DEPRESSIONS, ETC. NOT SHOWN ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY.
5. CONTRACTOR TO REFER TO CIVIL PLANS FOR STORMWATER MANAGEMENT & EROSION CONTROL STANDARD NOTES AND DETAILS.
6. CONTRACTOR TO REFER TO CIVIL SHEET FOR ADDITIONAL SPOT ELEVATIONS AND GRADING INFORMATION. DISCREPANCIES SHALL BE BROUGHT TO LANDSCAPE ARCHITECTS ATTENTION PRIOR TO MOVING FORWARD, FOR FURTHER CLARIFICATION.
7. ALL SLOPES EXCEEDING 4:1 SHALL REQUIRE EROSION CONTROL SLOPE BLANKET. CONTRACTOR TO SUBMIT INFORMATION AND SMALL PRODUCT SAMPLES FOR REVIEW AND APPROVAL.
8. CONTRACTOR TO FIELD ADJUST PLAYPIT DRAINAGE PIPES AS NECESSARY TO AVOID CONFLICTS WITH PLAYGROUND EQUIPMENT FOOTINGS. ADVISE LANDSCAPE ARCHITECT OF ALL REVISIONS TO ALIGNMENTS.
9. ALL LANDSCAPE BEDS TO BE SLIGHTLY MOUNDED TO ENSURE POSITIVE DRAINAGE WITHIN THE BED IS ALWAYS MET.
10. CONTRACTOR TO REFER TO CITY STANDARD SPECIFICATIONS FOR FURTHER DETAIL, INFORMATION AND REQUIREMENTS FOR SITE ROUGH GRADING AND FINE GRADING.
11. CONTRACTOR TO REFER TO CIVIL PLANS FOR DETAILED DRAINAGE DESIGN AND LOCATIONS OF INLETS LOCATED THROUGHOUT SITE, INCLUDING ALL PLAYGROUND PLAYPITS AND LANDSCAPE BEDS.

LANDSCAPE GENERAL NOTES

1. CONTRACTOR TO REFER TO CITY OF FORT LUPTON STANDARD SPECIFICATIONS FOR FURTHER DETAIL, INFORMATION AND REQUIREMENTS FOR LANDSCAPE IMPROVEMENTS
2. ALL PLANT MATERIAL IS TO BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
3. ALL SHRUB BED AND TREE LOCATIONS ARE TO BE STAKED OUT ON THE SITE FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. PROVIDE SHRUB BED LAYOUT BASED UPON THIS LANDSCAPE PLAN AND NOT THE IRRIGATION PLAN.
4. THE CONTRACTOR SHALL FINE GRADE ALL AREAS TO BE PLANTED. THE CONTRACTOR SHALL REMOVE REQUIRED DEPTH OF SOIL ALONG CURBS AND WALKWAYS TO ACCOMMODATE SOO OR MULCH DEPTH.
5. ALL AREAS TO BE PLANTED OR SODDED WILL HAVE THE TOPSOIL INSTALLED. THESE AREAS WILL THEN BE TILLED TO A MINIMUM 6" DEPTH INCORPORATING A-1 ORGANICS BIOCOMP CLASS 1 COMPOST AT A MINIMUM RATE OF 4 C.Y. PER 1000 S.F. THE DISTURBED AREAS OF THE SITE WILL THEN BE FINE GRADED IN PREPARATION FOR SEEDING, SODDING OR PLANTING AS SPECIFIED IN THE PLANS AND SPECIFICATIONS.
6. ALL BED AREAS AND TREE PLANTINGS WILL RECEIVE A MINIMUM OF 4" OF WESTERN RED CEDAR MULCH OR APPROVED SUBSTITUTE. THE CONTRACTOR IS RESPONSIBLE FOR WEED CONTROL ON BEDS AND SEEDED AREAS UNTIL FINAL PROJECT ACCEPTANCE.
7. ALL PLANT MATERIALS WILL CONFORM TO THE AMERICAN ASSOCIATION OF NURSERYMEN AND STATE OF COLORADO INDUSTRY STANDARDS.
8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES. SYMBOLS ON ALL SHRUBS AND TREES SHALL TAKE PRECEDENCE OVER WRITTEN QUANTITIES.
9. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES AND WALKWAYS. ALL FINE GRADING TO BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO SEEDING/ SODDING.
10. CONTRACTOR SHALL INSTALL SLEEVING FOR IRRIGATION IMPROVEMENTS PRIOR TO INSTALLING CONCRETE FLATWORK.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO EXISTING UTILITIES, CURB AND GUTTER, WALKWAYS, IRRIGATION SYSTEM AND OTHER EXISTING STRUCTURES THAT IS A RESULT OF HIS WORK. THE REPAIR OF SUCH DAMAGE WILL BE AT NO ADDITIONAL COST TO THE OWNER.
12. CONTRACTOR TO REFER TO CITY STANDARD SPECIFICATIONS FOR FURTHER DETAIL, INFORMATION AND REQUIREMENTS FOR LANDSCAPE AND IRRIGATION IMPROVEMENTS.

SPLASHPAD INSTALL NOTES

1. SITE CONTRACTOR SHALL COORDINATE WITH VORTEX SPLASHPAD INSTALLER FOR SCHEDULING OF ALL SPLASHPAD FEATURES
2. SITE CONTRACTOR SHALL PREPARE SUBGRADE UNDER SPLASHPAD FOOTPRINT, ALLOW VORTEX CONTRACTOR TO PLACE ALL EQUIPMENT AND ELEMENTS. UPON COMPLETION OF EQUIPMENT INSTALL, SITE CONTRACTOR SHALL POUR 6" DEPTH CONCRETE WITHIN SPLASHPAD AREA ONLY - ALL OTHER AREAS OF CONCRETE SHALL BE 4" DEPTH

DHM DESIGN

900 S. Broadway
Suite 300
Denver, CO 80209
303.892.5566
www.dhmdesign.com

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FORT LUPTON SPLASHPAD

CITY OF FORT LUPTON, COLORADO
PRELIMINARY CONSTRUCTION DOCUMENTS

FORT LUPTON, COLORADO

PROJECT NUMBER: 220241.00
DATE: 03.10.2023
DESIGNED: MTW
DRAWN: RD/BB
CHECKED: MTW

REVISIONS:

FINAL PLAN DATE:
JOB DESCRIPTION:
PRELIMINARY CONSTRUCTION DOCUMENTS

SHEET TITLE:
OVERALL SITE PLAN & GENERAL NOTES

SCALE: AS SHOWN
SHEET NUMBER:

SP1.0



0 10 20 30 40
SCALE: 1"=20'-0"



FORT LUPTON SPLASHPAD
CITY OF FORT LUPTON, COLORADO
PRELIMINARY CONSTRUCTION DOCUMENTS

FORT LUPTON, COLORADO

PROJECT NUMBER: 20241.00 DATE 03.10.2023

DESIGNED: MTW
DRAWN: RD/BB

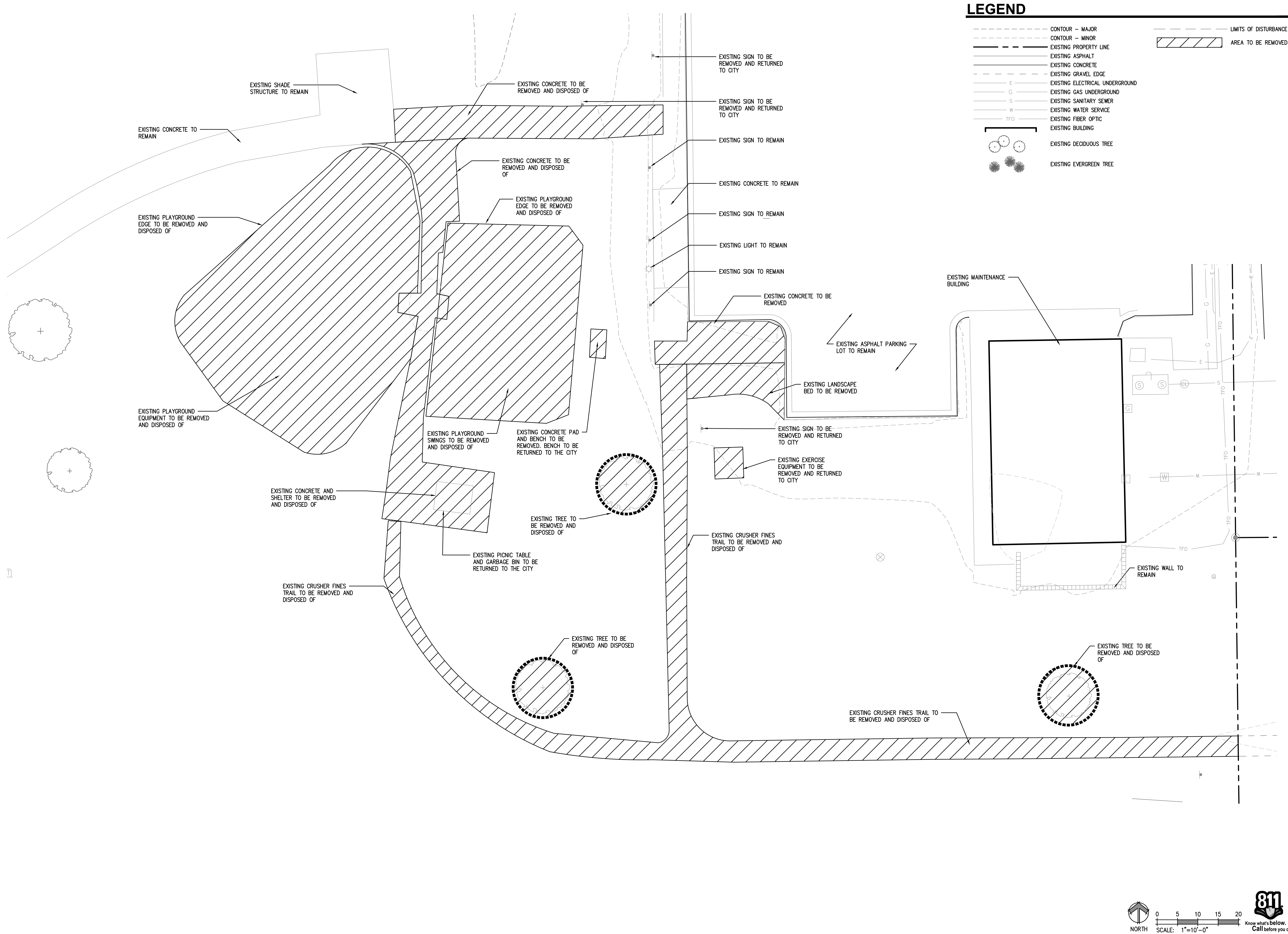
REVISIONS:

FINAL PLAN DATE:
JOB DESCRIPTION:
PRELIMINARY
CONSTRUCTION
DOCUMENTS

HEET TITLE:
XISTING CONDITIONS &
EMOLITION PLAN

SCALE: AS SHOWN
SHEET NUMBER:

L1.0

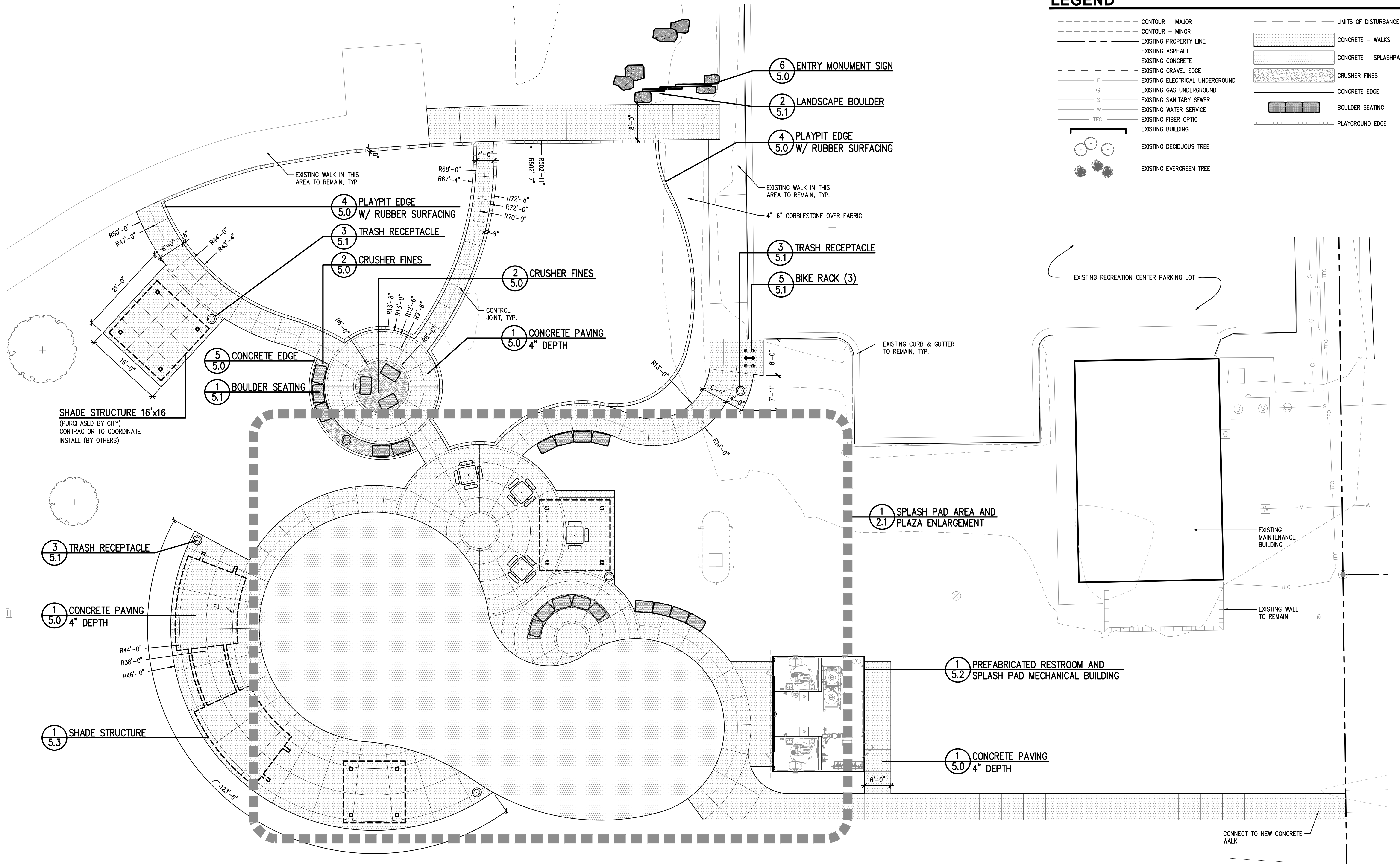


PROJECT: FORT LUPTON SPLASHPAD, CITY OF FORT LUPTON, COLORADO
DESIGNED BY: MTW
DRAWN BY: RD/BB
CHECKED BY: MTW
DATE: 03.10.2023
SCALE: AS SHOWN
SHEET NUMBER: L2.0

FILE NAME: F:\Fort Lupton\Fort Lupton_Splashpad.dwg
PLOT DATE: 03.10.2023
PLOT TIME: 10:00 AM

SCALE: AS SHOWN
SHEET NUMBER: L2.0

Page 90 of 150



LEGEND

---	CONTOUR - MAJOR	---	LIMITS OF DISTURBANCE
---	CONTOUR - MINOR	---	CONCRETE - WALKS
---	EXISTING PROPERTY LINE	---	CONCRETE - SPLASHPAD
---	EXISTING ASPHALT	---	CRUSHER FINES
---	EXISTING CONCRETE	---	CONCRETE EDGE
---	EXISTING GRAVEL EDGE	---	BOULDER SEATING
---	EXISTING ELECTRICAL UNDERGROUND	---	PLAYGROUND EDGE
---	EXISTING GAS UNDERGROUND	---	
---	EXISTING SANITARY SEWER	---	
---	EXISTING WATER SERVICE	---	
---	EXISTING FIBER OPTIC	---	
---	EXISTING BUILDING	---	
---	EXISTING DECIDUOUS TREE	---	
---	EXISTING EVERGREEN TREE	---	

DHM DESIGN

900 S. Broadway
Suite 300
Denver, CO 80209
303.892.5566
www.dhmdesign.com

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FORT LUPTON SPLASHPAD

CITY OF FORT LUPTON, COLORADO
PRELIMINARY CONSTRUCTION DOCUMENTS
FORT LUPTON, COLORADO

PROJECT NUMBER: 220241.00
DATE: 03.10.2023

DESIGNED BY: MTW
DRAWN BY: RD/BB
CHECKED BY: MTW

REVISIONS:

FINAL PLAN DATE:
JOB DESCRIPTION:
PRELIMINARY CONSTRUCTION DOCUMENTS

SHEET TITLE:
LAYOUT & MATERIALS PLAN

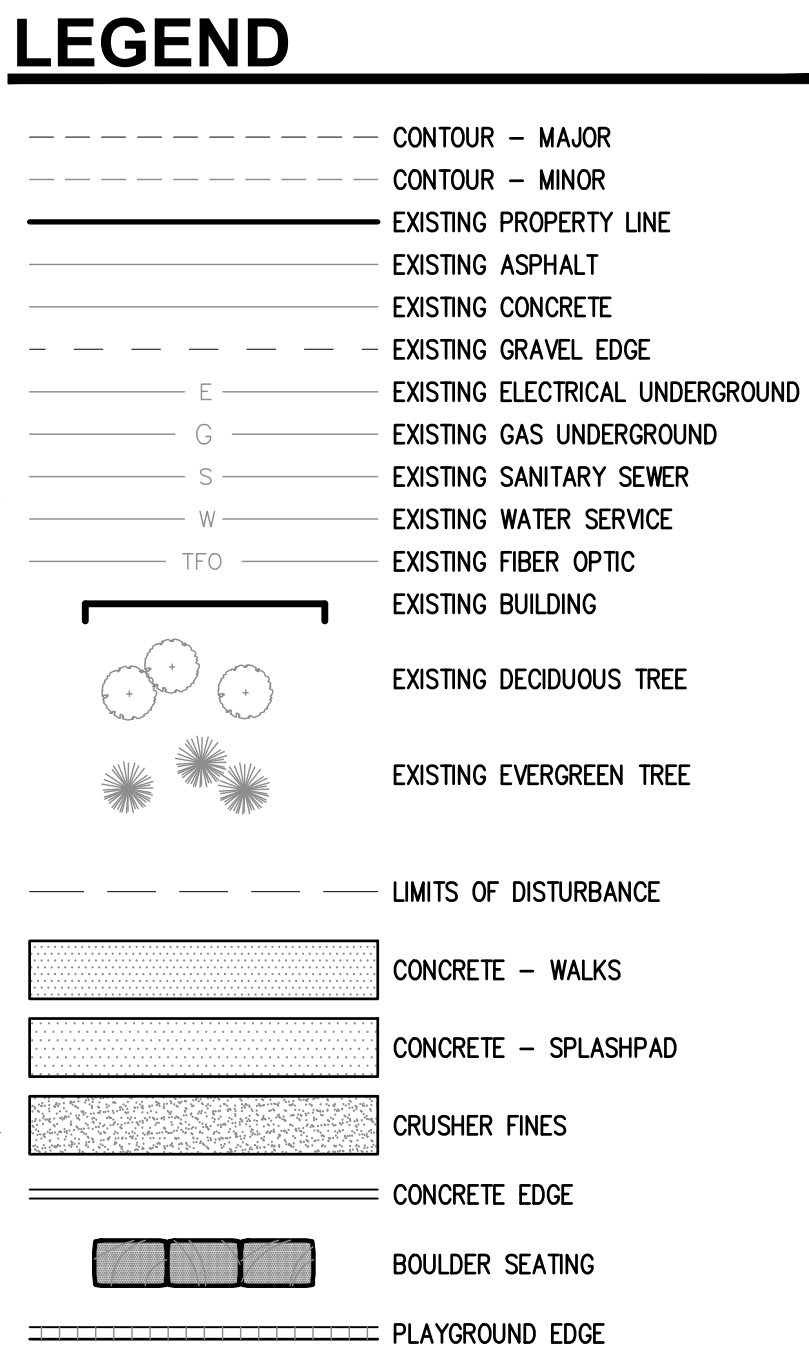
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L2.0



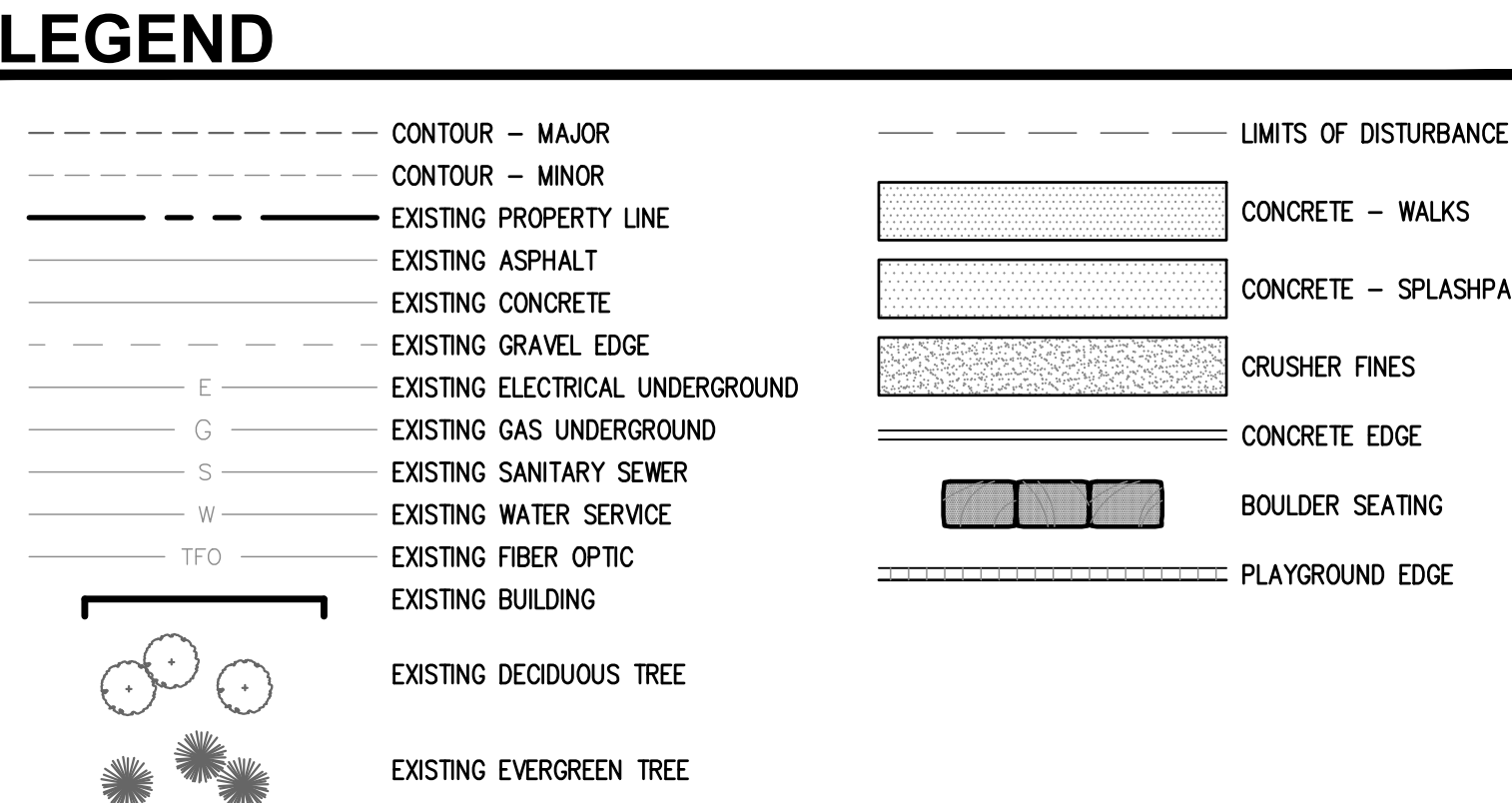
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L2.1



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CITY OF FORT LUPTON, COLORADO
PRELIMINARY CONSTRUCTION DOCUMENTS

FORT LUPTON, COLORADO

L3.0



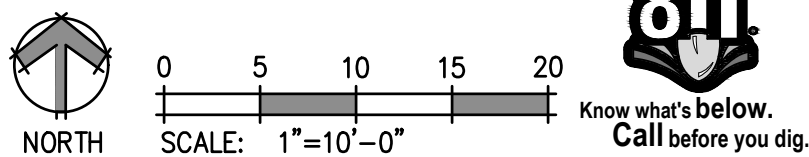
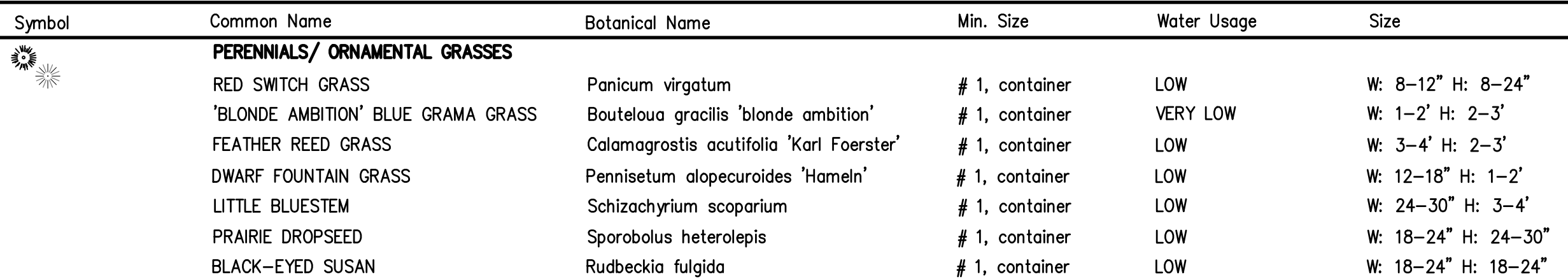
FORT LUPTON, COLORADO

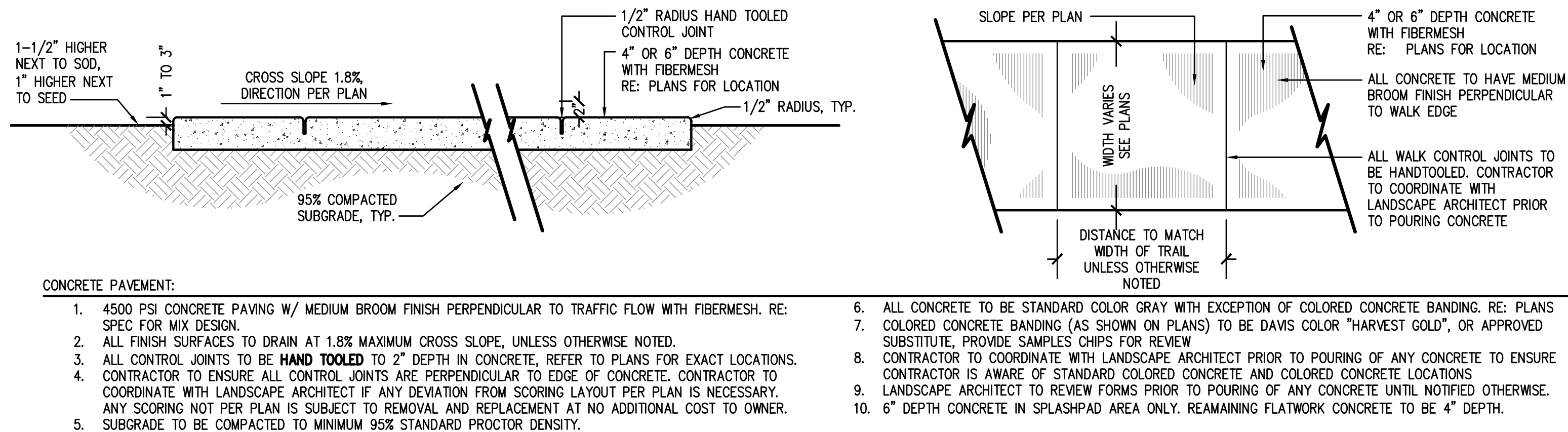
EVISIONS:

SHEET TITLE:
LANDSCAPE PLAN

HEET NUMBER:

L4.0





JOINTING NOTES:

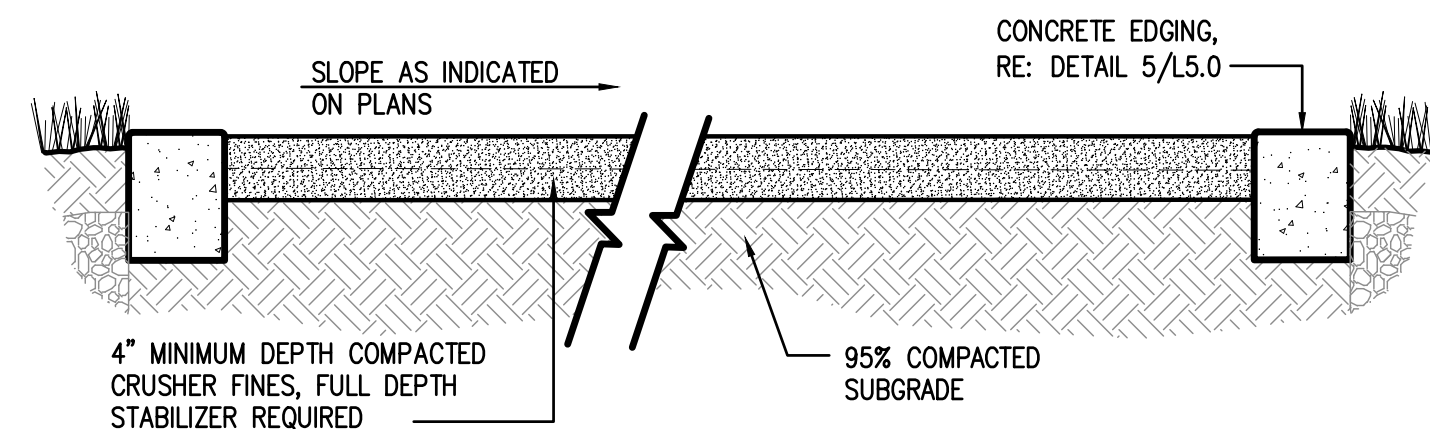
- HAND TOOL ALL CONTROL JOINTS PER LAYOUT PLANS.
- INSTALL EXPANSION JOINTS PER CITY SPECIFICATION

1/2" EXPANSION JOINT WITH SEALANT - SEALANT COLOR TO MATCH GRAY CONCRETE. HOLD EXPANSION MATERIAL 1/2" BELOW FINISHED GRADE

95% COMPACTED SUBGRADE, TYP.

CRUSHER FINES:

- CRUSHER FINES MATERIAL SHALL MEET THE FOLLOWING SPECIFICATIONS: CLEAN, HARD, DURABLE PARTICLES OR FRAGMENTS OF 3/8" MINUS SELECT GREY CRUSHED GRANITE, RIVER ROCK OR BASALT. FINES SHALL BE ANGULAR AND MINIMUM OF 90% SHALL HAVE AT LEAST ONE FRACTURED FACE. COLOR TO BE APPROVED BY LANDSCAPE ARCHITECT, SAMPLES OF FINES WILL BE SUBMITTED FOR APPROVAL PRIOR TO APPLICATION.
- TRAIL SUB-BASE SHALL BE ROLLED AND COMPACTED WITH NO LESS THAN 10 PASSES OF THE ROLLER. BOTH 2" LIFTS OF CRUSHER FINE APPLICATION SHALL BE WATERED, ROLLED AND COMPACTED WITH NO LESS THAN 5 PASSES EACH OF THE ROLLER, NO TRAIL COMPACTION TESTING WILL BE REQUIRED. FULL DEPTH STABILIZATION REQUIRED.
- CONTRACTOR TO PROVIDE A FABRIC UNDER THE ENTIRE LENGTH AND WIDTH OF THE CRUSHER FINES TRAIL. TYPE #3401 THERMALLY SPUN POLYPROPYLENE, NON-WOVEN, THIN WEED CONTROL FABRIC 4.0 OZ/LINEAL YARD WEIGHT OR APPROVED EQUAL. CONTRACTOR TO PROVIDE A 12"x12" SAMPLE FOR APPROVAL PRIOR TO APPLICATION.
- CONTRACTOR TO PROVIDE INFO ON STABILIZER FOR APPROVAL.

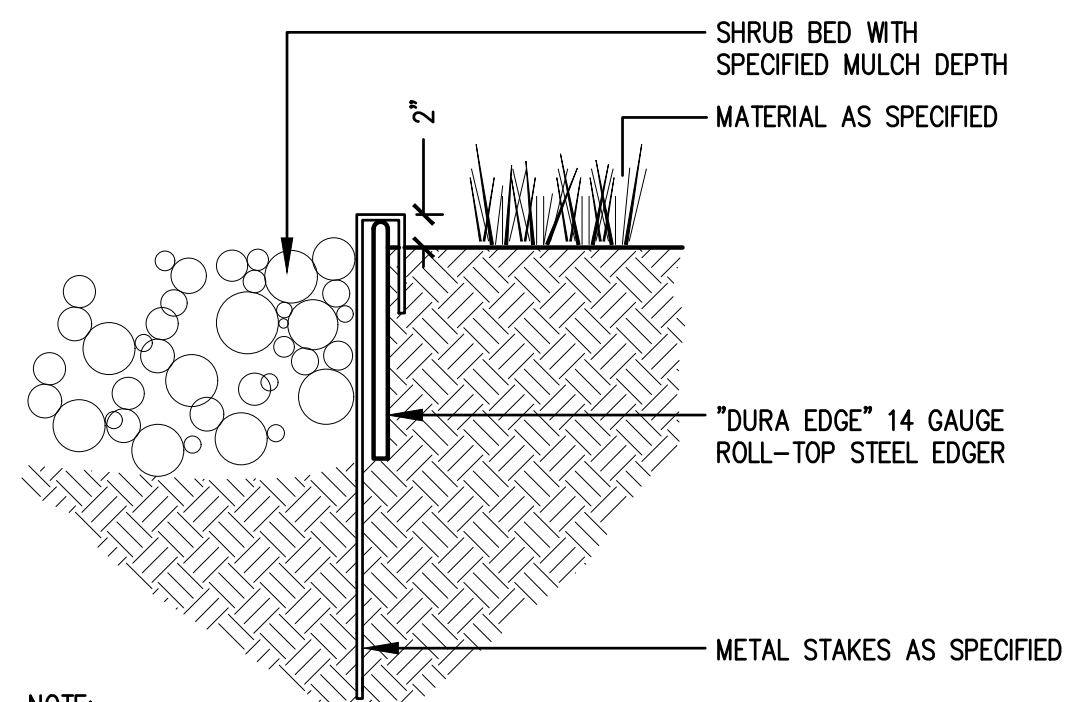


1 CONCRETE PAVING

NOT TO SCALE

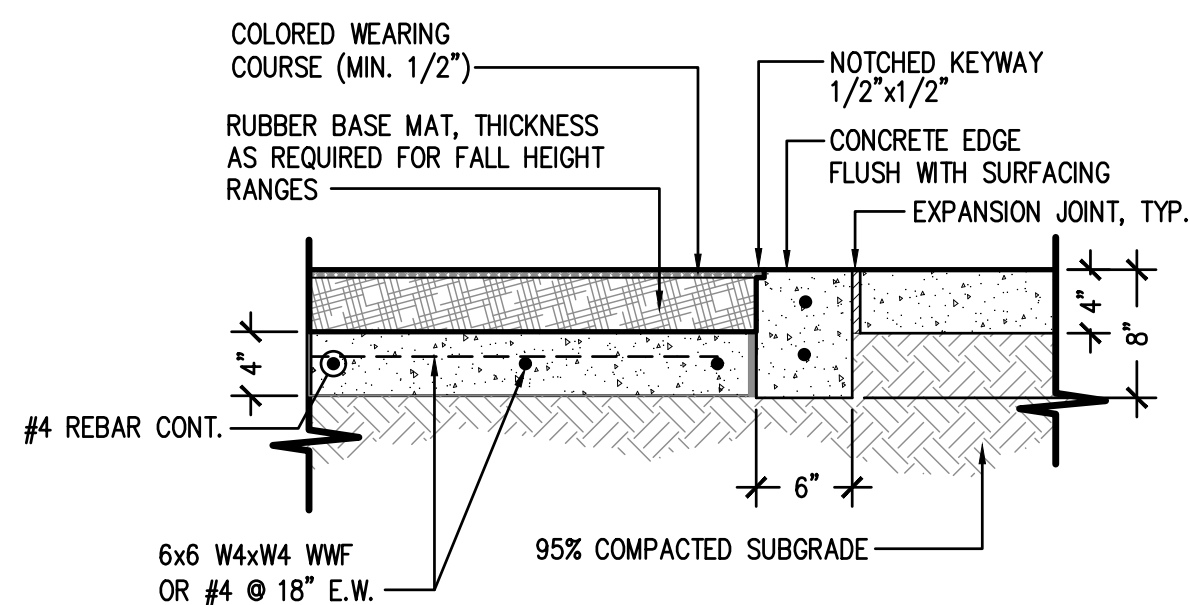
2 CRUSHER FINES

NOT TO SCALE



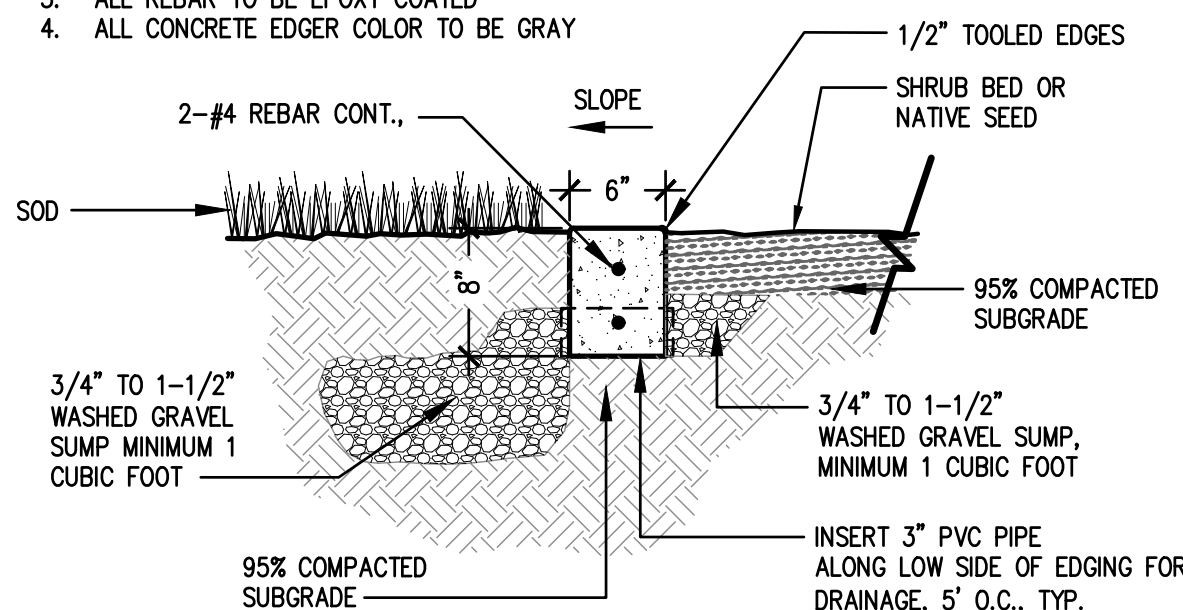
NOTE:

- SET ALL EDGING 1" MAXIMUM ABOVE FINISH GRADE AS SHOWN
- EDGING SHALL ABUT ALL CONCRETE CURBS, WALKS AND CRUSHER FINES TRAILS FLUSH WITH ADJACENT GRADES
- ALL JOINTS TO BE SECURELY STAKED
- CONTRACTOR TO DRILL 3/4" Ø WEEP HOLES, CENTERED VERTICALLY, 2'-0" O.C. ON LOW SIDE OF LANDSCAPE BEDS.

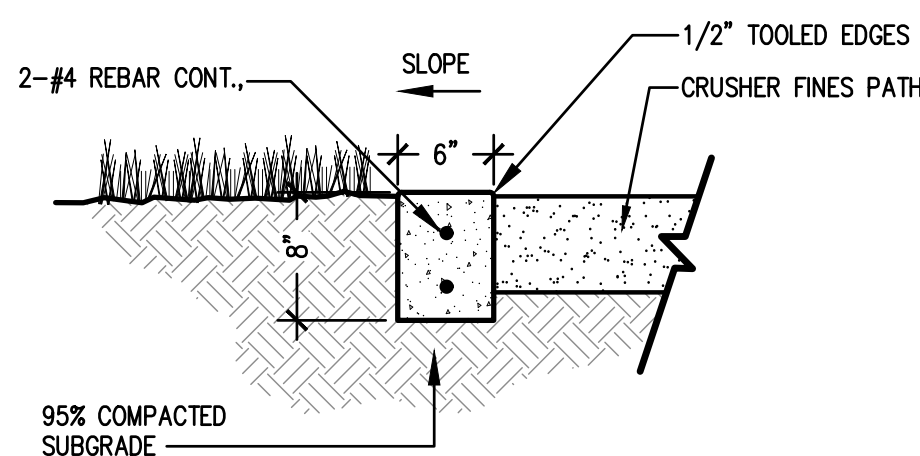


CONCRETE EDGE:

- 4000 PSI CONCRETE BAND WITH FIBERMESH.
- PROVIDE CONTROL JOINTS AT 3'-0" O.C.
- ALL REBAR TO BE EPOXY COATED
- ALL CONCRETE EDGER COLOR TO BE GRAY



CONCRETE EDGE @ SHRUB BED



CONCRETE EDGE @ CRUSHER FINES

3 STEEL EDGER

NOT TO SCALE

4 PLAYPIT EDGE W/ RUBBER SURFACING

NOT TO SCALE

5 CONCRETE EDGE

NOT TO SCALE

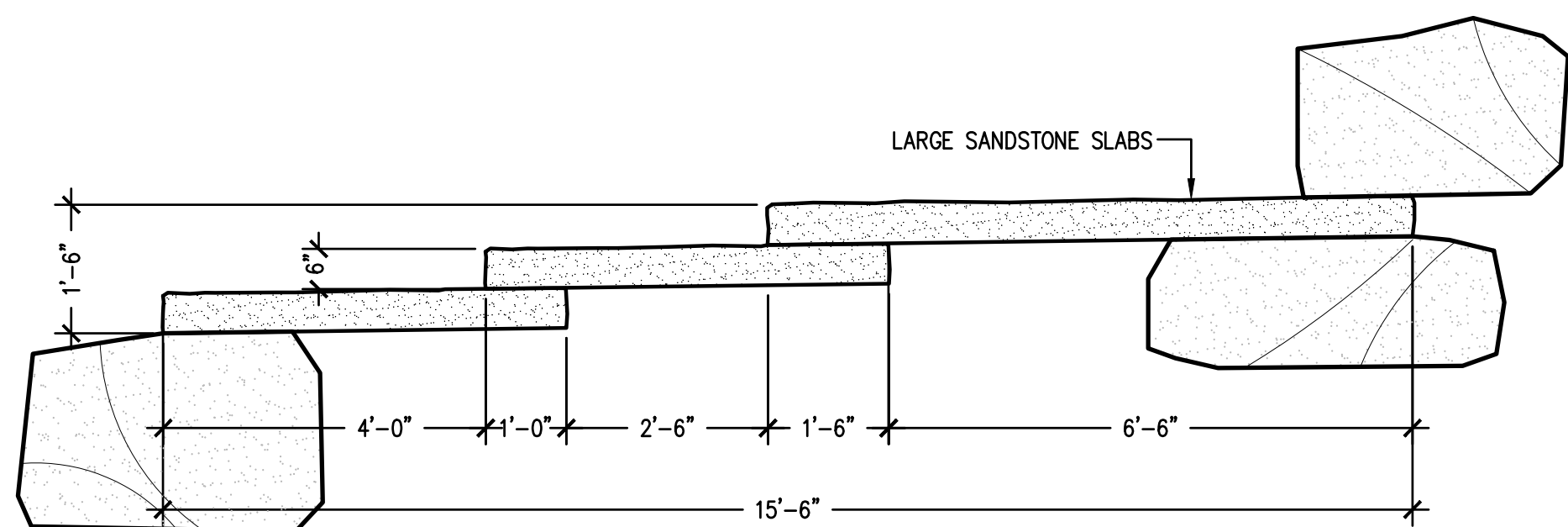
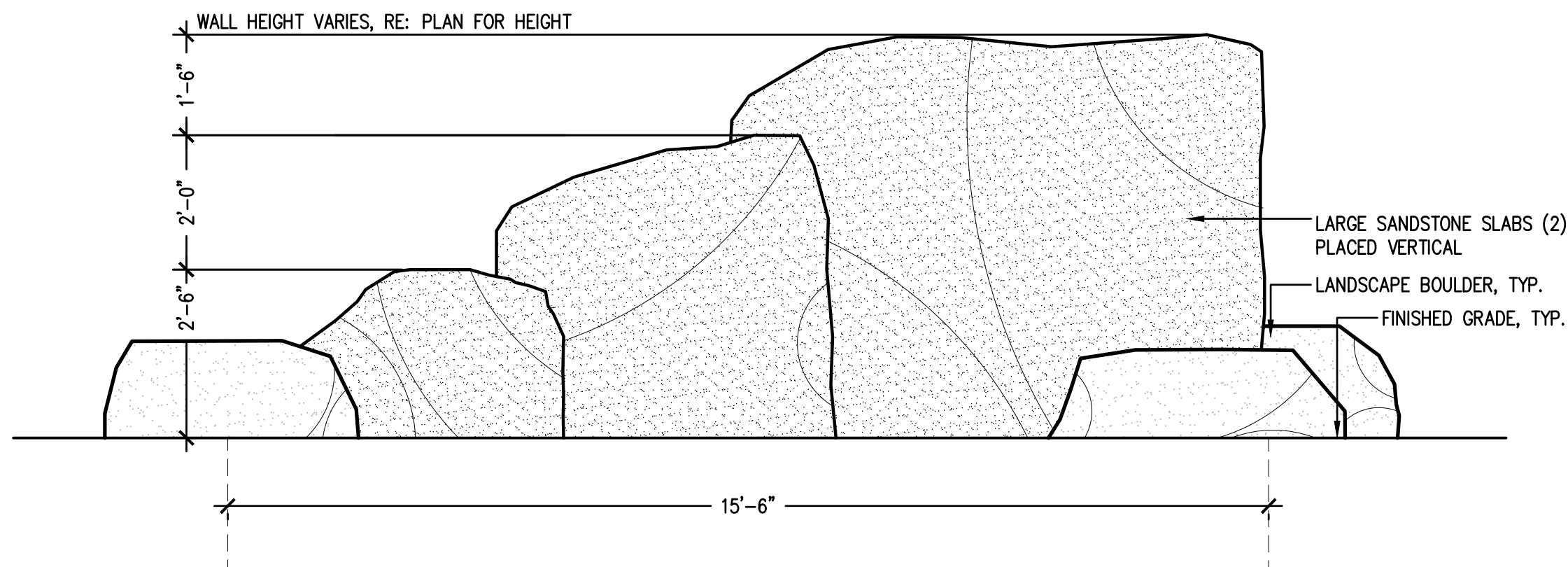
NOTES:

- LARGE SANDSTONE SLAB:
- BOULDER SLAB TO BE SANDSTONE, COLOR: COLORADO BUFF
 - SELECT SLAB WITH AT LEAST (1) LARGE, FLAT FACE
 - SELECT AND PLACE BOULDER SLAB SO THAT MINIMAL SCARRING OCCURS AND IS VISIBLE
 - POWER WASH BOULDER SLAB AFTER PLACEMENT

- LETTERING
- FILL SANDBLASTED AREAS WITH BLACK LITHICROME PAINT

CONTRACTOR TO PROVIDE MONUMENT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL.

CONTRACTOR TO COORDINATE WITH LANDSCAPE ARCHITECT FOR BOULDER SELECTION



6 ENTRY MONUMENT SIGN

NOT TO SCALE

FORT LUPTON SPLASHPAD

CITY OF FORT LUPTON, COLORADO
PRELIMINARY CONSTRUCTION DOCUMENTS

FORT LUPTON, COLORADO

PROJECT NUMBER: 220241.00 DATE: 03.10.2023

DESIGNED: MTW

DRAWN: RD/BB

CHECKED: MTW

REVISIONS:

FINAL PLAN DATE:

JOB DESCRIPTION:

PRELIMINARY
CONSTRUCTION
DOCUMENTS

SHEET TITLE:

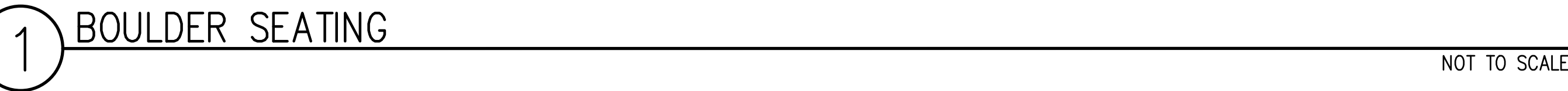
SITE DETAILS

SCALE: AS SHOWN

SHEET NUMBER:

L5.0

1. ALL BOULDERS TO HAVE A "QUARRY FINISH" WITH DRILL HOLE SPLITTING LINES VISIBLE ON SIDES.
2. ALL BOULDERS TO BE SANDSTONE, WITH FLAT TOPS FOR SEATING.
3. DO NOT FRACTURE BOULDER DURING PLACEMENT, SUCH ACTION WILL BE CAUSE FOR REJECTION, LANDSCAPE ARCHITECT TO MAKE THAT DETERMINATION.
4. SELECT AND PLACE BOULDERS SO THAT MINIMAL EXCAVATION SCARS ARE VISIBLE.
5. PLACE BOULDERS TO CONFIGURATIONS AND LOCATIONS AS SHOWN ON PLAN.
6. POWER-WASH ALL BOULDERS AFTER PLACEMENT.
7. ALL BOULDERS TO BE BURIED 6" MINIMUM.
8. ALL BOULDERS TO BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE PRIOR TO PLACEMENT.
9. BOULDER BLOCKS PLACED ADJACENT TO OTHER BOULDER BLOCKS TO HAVE 2" GAP BETWEEN STONES FOR DRAINAGE.
10. BOULDERS TO BE SUPPLIED BY LYONS SANDSTONE OR APPROVED SUBSTITUTE, CONTACT: (303) 823-5659.

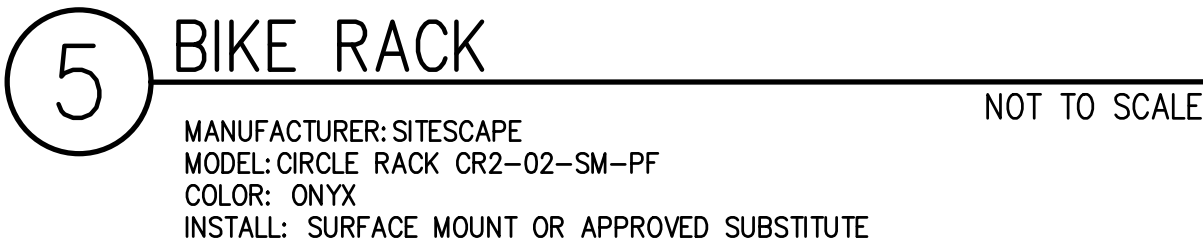


1. ALL BOULDERS TO BE SANDSTONE, WITH FLAT TOPS FOR SEATING.
2. DO NOT FRACTURE BOULDER DURING PLACEMENT, SUCH ACTION WILL BE CAUSE FOR REJECTION, LANDSCAPE ARCHITECT TO MAKE THAT DETERMINATION.
3. SELECT AND PLACE BOULDERS SO THAT MINIMAL EXCAVATION SCARS ARE VISIBLE.
4. PLACE BOULDERS TO CONFIGURATIONS AND LOCATIONS AS SHOWN ON PLAN.
5. POWER-WASH ALL BOULDERS AFTER PLACEMENT.
6. ALL BOULDERS TO BE BURIED 6" MINIMUM.
7. ALL BOULDERS TO BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNERS REPRESENTATIVE PRIOR TO PLACEMENT.
10. BOULDERS TO BE SUPPLIED BY LYONS SANDSTONE OR APPROVED SUBSTITUTE, CONTACT: (303) 823-5659.



TRASH RECEPTACLE MANUFACTURER: SITESCAPES MODEL: TALL GRASS—LARGE ROUND TG2—3001—PF COLOR: ONYX INSTALL: SURFACE MOUNT OR APPROVED SUBSTITUTE		NOT TO SCALE
---	--	---------------------

MANUFACTURER: WABASH VALLEY
MODEL: 46" OCTAGON PICNIC TABLE-PRESTIGE
3 & 4 SEAT (REFER TO PLAN), PERFORATED
#PP203P AND # PP208P
COLOR: SEAT/TABLETOP - BLACK
FRAME - BLACK
INSTALL: **SURFACE MOUNT** ON 6" THICK CONCRETE PAD
OR APPROVED SUBSTITUTE

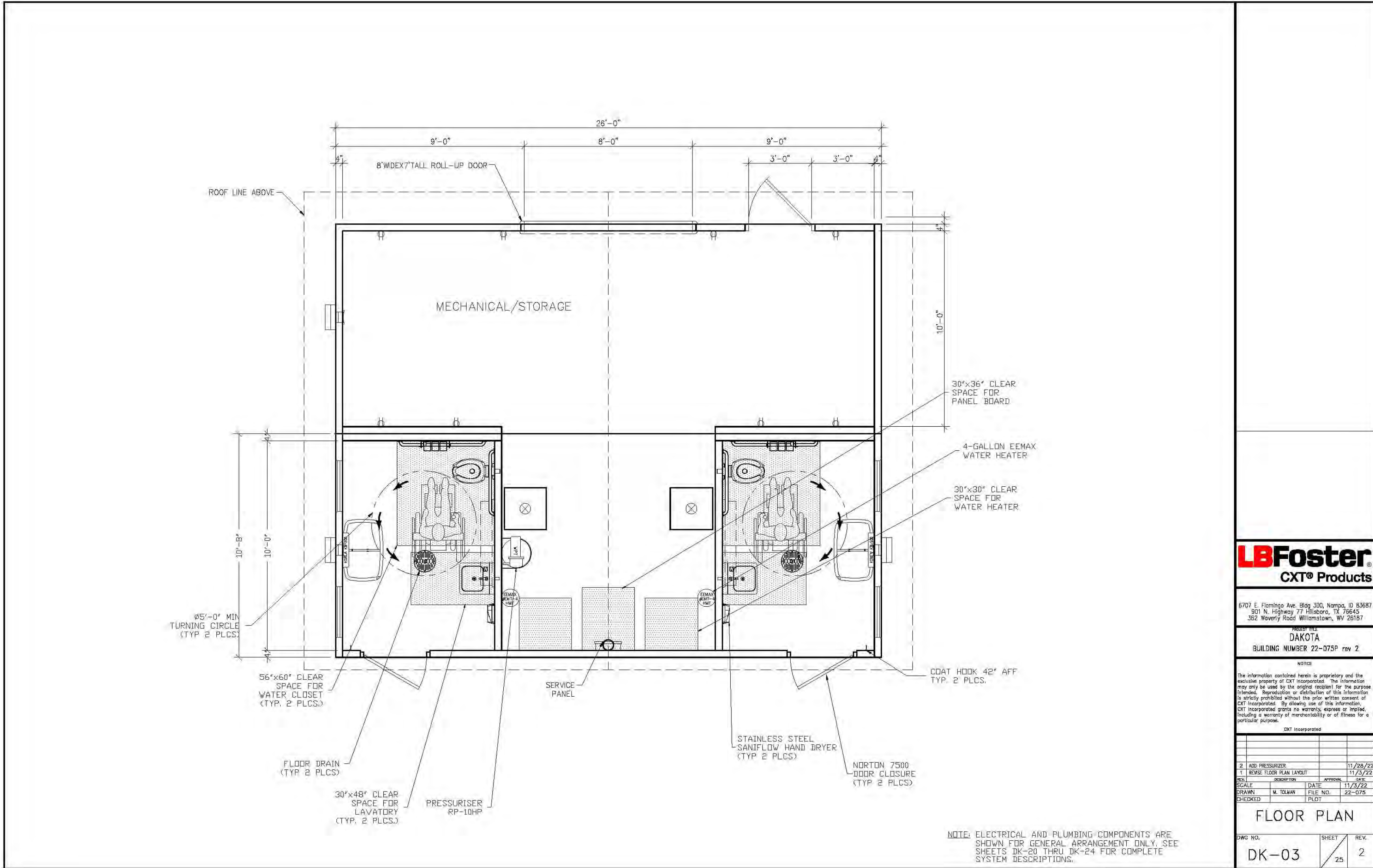


MANUFACTURER: SITESCAPE
MODEL: CIRCLE RACK CR2-02-SM-PF
COLOR: ONYX
INSTALL: SURFACE MOUNT OR APPROVED SUBSTITUTE

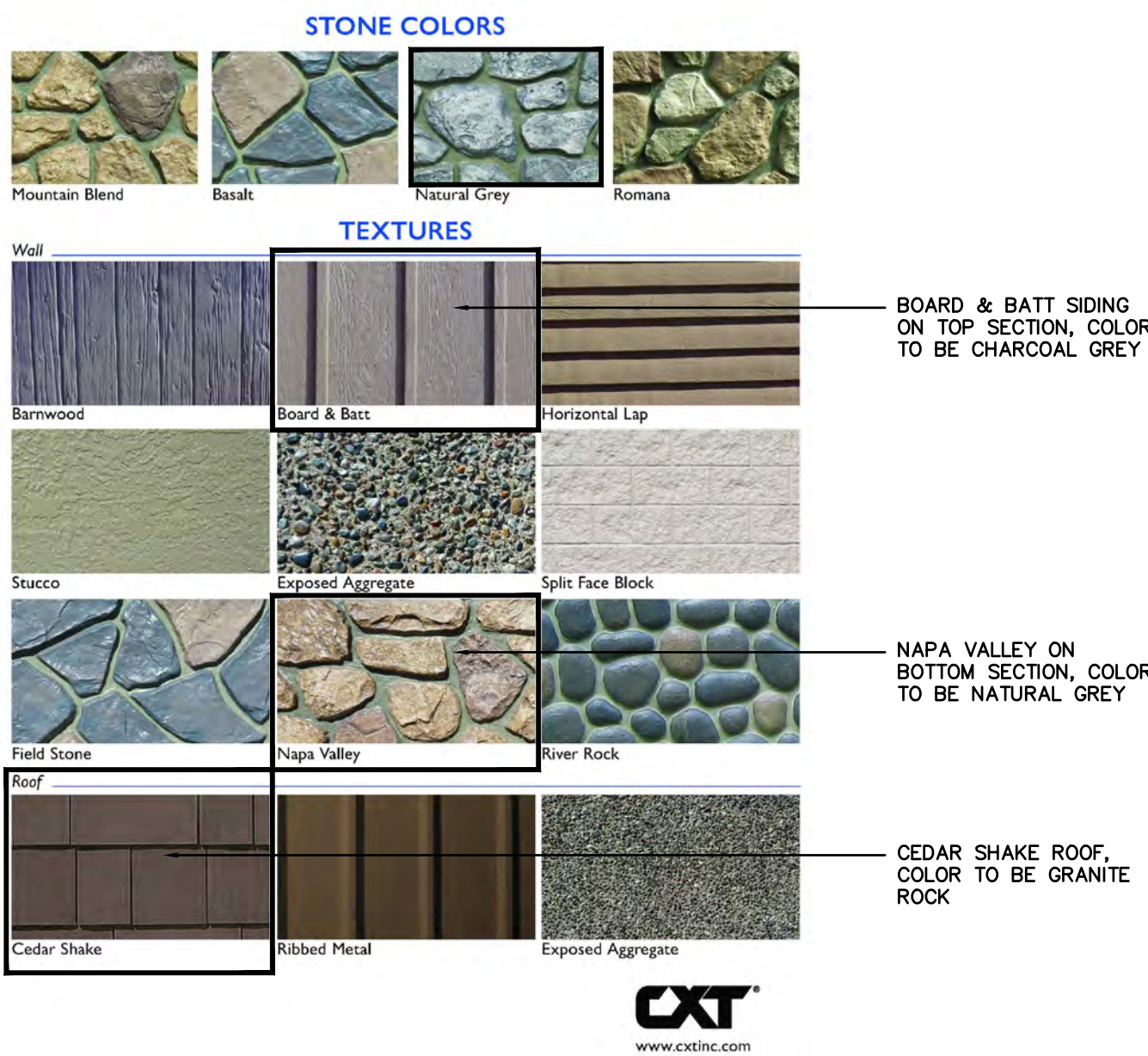
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FILE NAME
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PLT FILE
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1 PREFABRICATED RESTROOM AND SPLASH PAD MECHANICAL BUILDING



- NOTES:
1. CONTRACTOR TO PROVIDE CLEAR ACCESS TO LOCATION OF RESTROOM FOR BOTH ROAD SEMI AND ASSOCIATED TRAILER AND CRANE
 2. CONTRACTOR TO PROVIDE AND INSTALL BUILDING ROADBASE FOUNDATION PER MANUFACTURER'S DETAILS
 3. CONTRACTOR IS RESPONSIBLE FOR ALL UTILITIES STUB-UP PRIOR TO BUILDING PLACEMENT PER MANUFACTURER'S DETAILS
 4. CONTRACTOR TO MAKE UTILITIES CONNECTIONS TO RESTROOM AFTER BUILDING PLACEMENT BY LICENSED MECHANICAL, ELECTRICIANS AND PLUMBERS PER MANUFACTURER'S CONNECTIONS.
 5. CONTRACTOR TO COORDINATE SCHEDULE AND DELIVERY OF BUILDING WITH BOTH CXT AND OWNER.
 6. PHYSICAL BUILDING PLACEMENT OF RESTROOM BY CXT INSTALLER - ALL OTHER REQUIRED SCOPE OF WORK, OTHER THAN PHYSICAL PLACEMENT OF BUILDING, BY GENERAL CONTRACTOR - CONTRACTOR TO COORDINATE WITH CXT TO VERIFY EXPECTATIONS BY CXT INSTALLER, PRIOR TO DELIVERY.
 7. CONTRACTOR TO REVIEW SAMPLE CXT DRAWING PACKAGE FOR ADDITIONAL FOUNDATION AND UTILITY HOOK-UP INFORMATION.



DHM DESIGN

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303.892.5566
www.dhmdesign.com

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FORT LUPTON SPLASHPAD
CITY OF FORT LUPTON, COLORADO
PRELIMINARY CONSTRUCTION DOCUMENTS

FORT LUPTON, COLORADO

PROJECT NUMBER: 220241.00
DATE: 03.10.2023

DESIGNED: MTW
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CHECKED: MTW

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FINAL PLAN DATE:

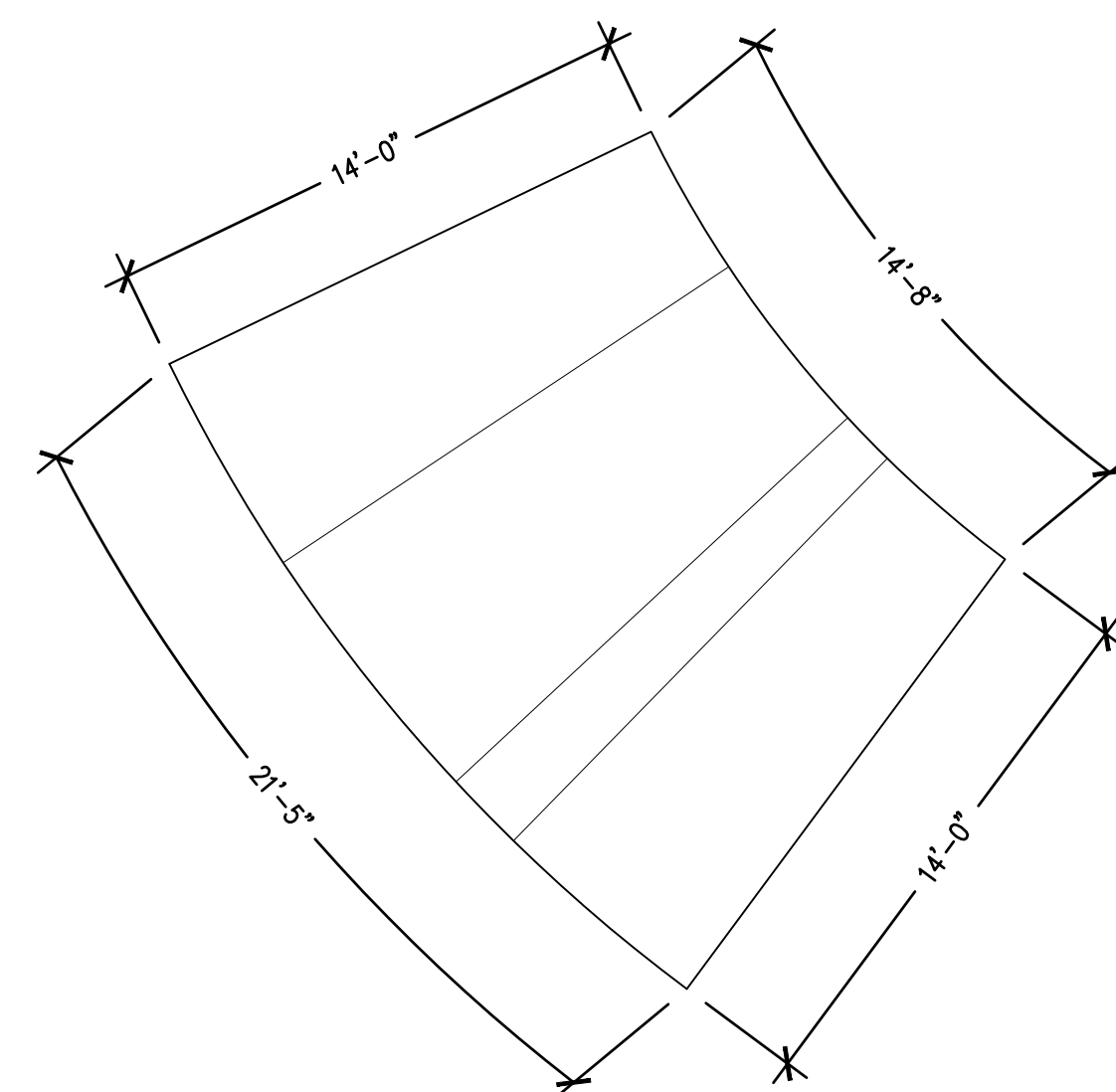
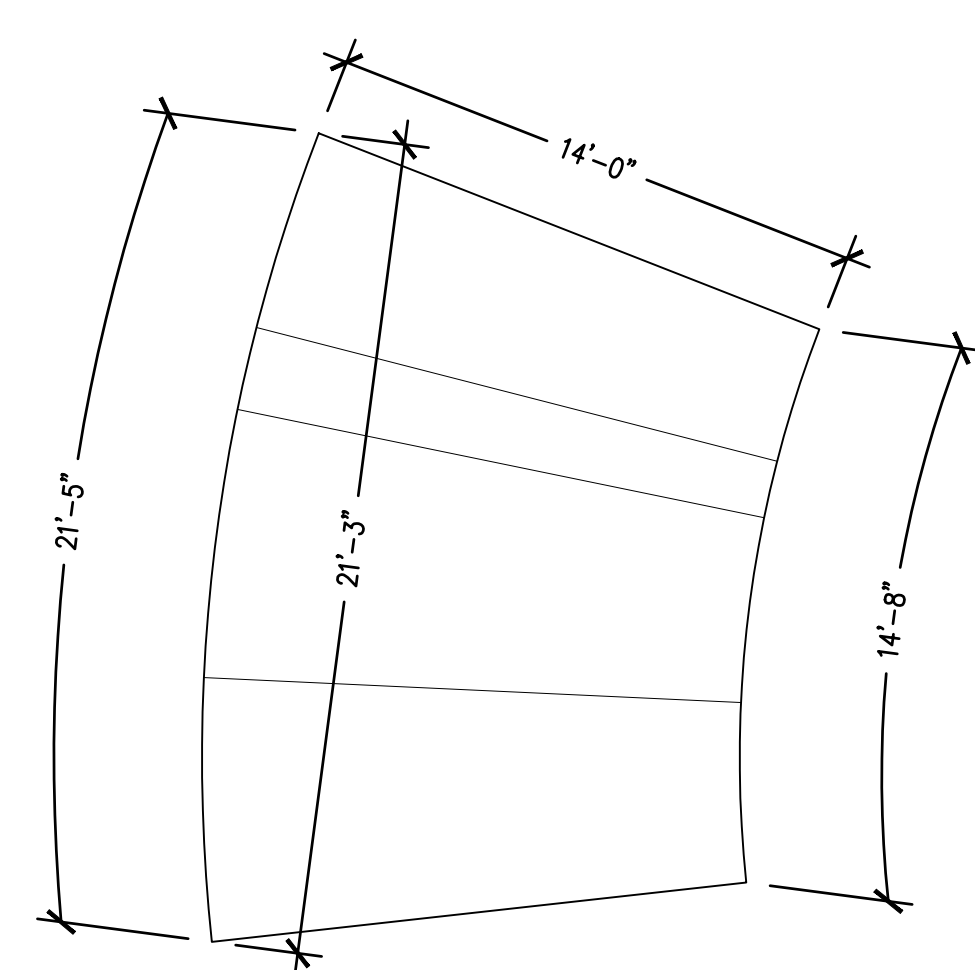
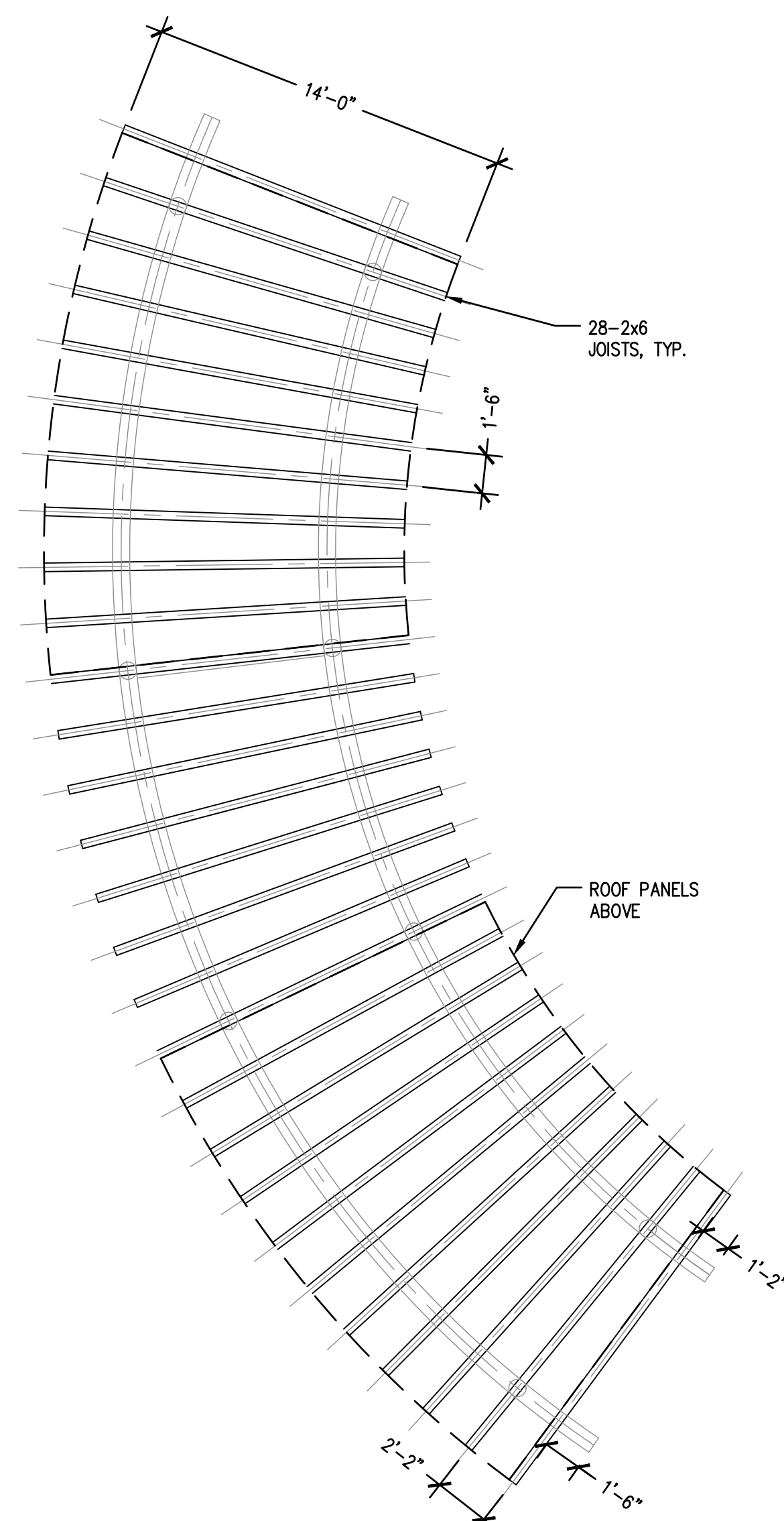
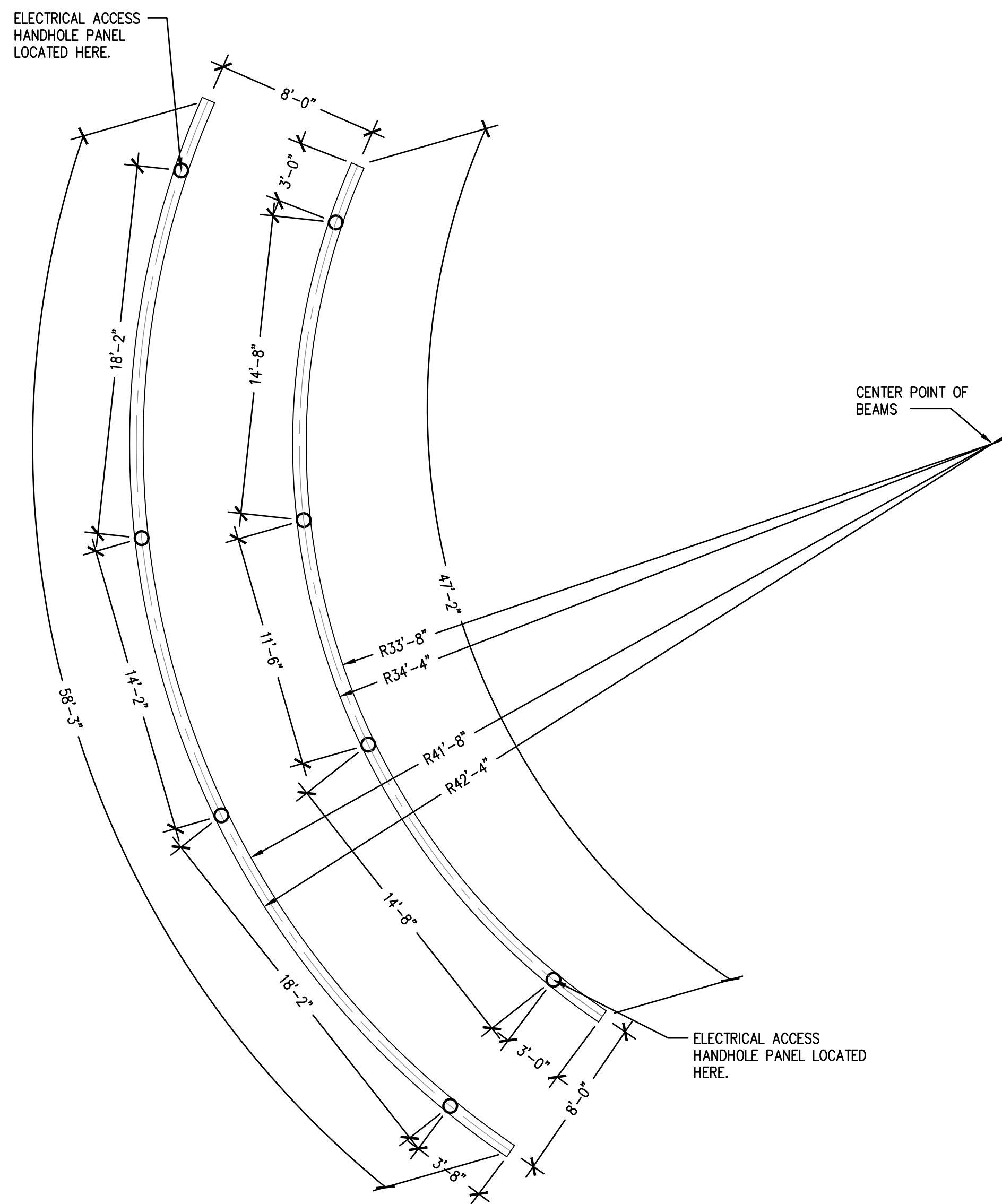
JOB DESCRIPTION:
PRELIMINARY CONSTRUCTION DOCUMENTS

SHEET TITLE:
SITE DETAILS

SCALE: AS SHOWN

SHEET NUMBER:

L5.2



BEAM LAYOUT – PLAN VIEW

NOT TO SCALE

JOIST LAYOUT – PLAN VIEW

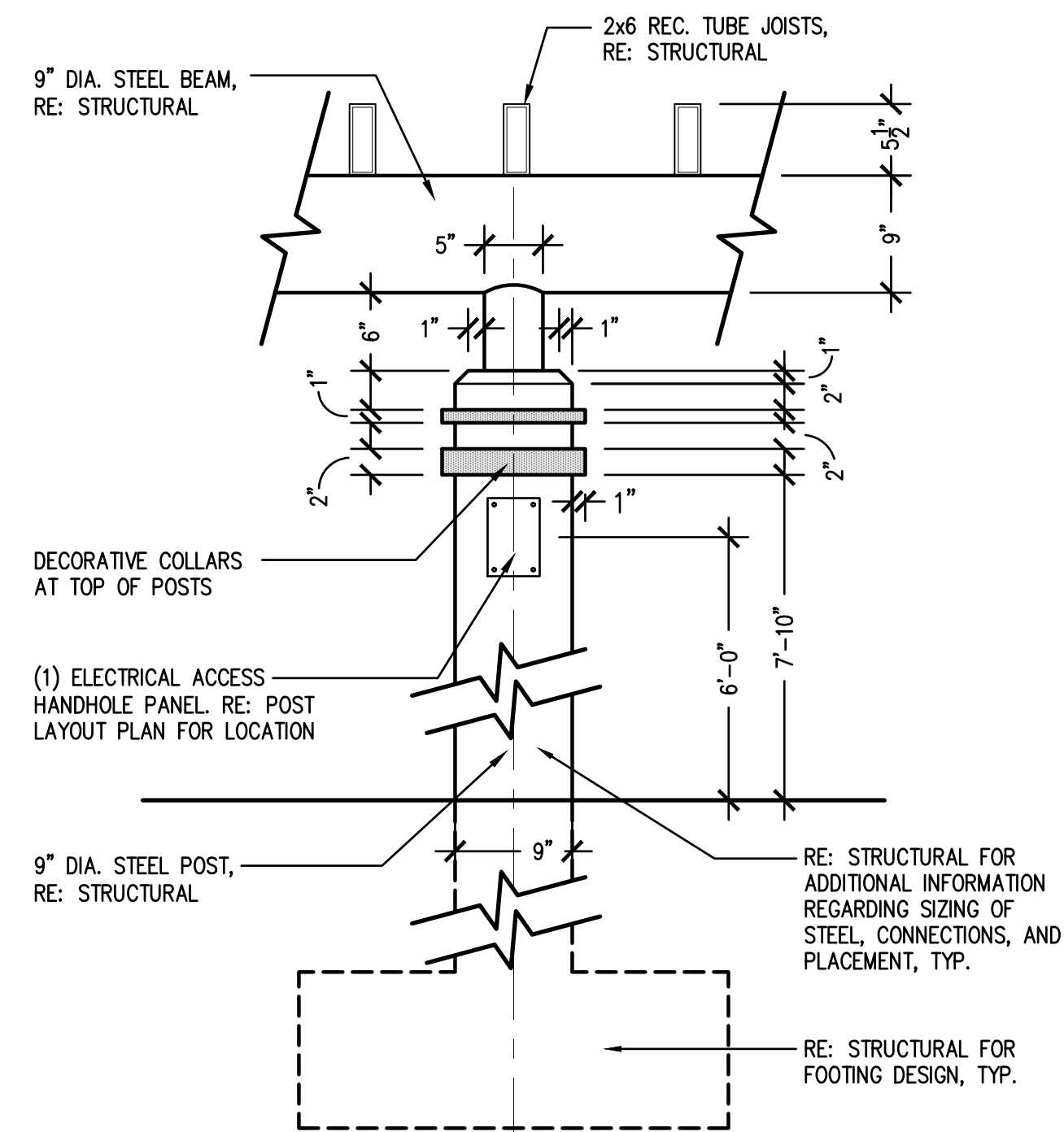
NOT TO SCALE

PANEL LAYOUT – PLAN VIEW

NOT TO SCALE

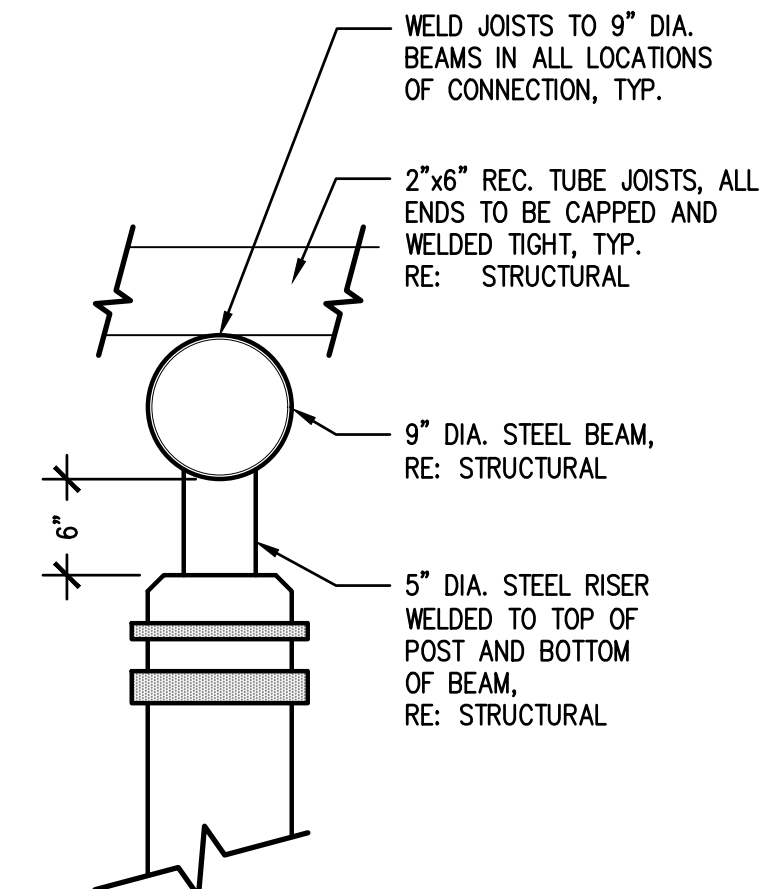
SHADE STRUCTURE NOTES:

1. (23) SEPARATE PANELS TO BE USED FOR ROOF SHADE STRUCTURE
2. ALL STEEL PANELS TO BE POWDERCOATED AS SHOWN ON SHEET L6.1
3. ALL PANELS TO HAVE GLOSS FINISH
4. ALL COLUMNS, BEAMS AND JOISTS TO BE PRIMED AND PAINTED WITH (2) COATS OF GLOSS ENAMEL "SEAL GRAY" PAINT:
MFG: DEVOE PAINT
SPECIFY #: 00NN 25/000
ORDER #: A2013
RE: LANDSCAPE ARCHITECT FOR ADDITIONAL INFORMATION, IF NECESSARY
5. CONTRACTOR TO SUBMIT ALL COLOR SAMPLES TO LANDSCAPE ARCHITECT ON STEEL PANEL CHIPS, FOR APPROVAL -- PANELS AND FRAMING
6. ALL PANELS TO BE CUT FROM 16-GAUGE STEEL METAL OR PLATE. LANDSCAPE ARCHITECT TO PROVIDE CAD FILE TO SELECTED CONTRACTOR FOR CUTTING PURPOSES
7. ALL PANELS TO BE MOUNTED TO JOISTS WITH HEAVY S.S. BOLTS AND WIDE GRADE RIVETS, OVERLAPPING TO PROVIDE PROPER DRAINAGE SLOPE TOWARD LOWER SIDE OF SHADE SHELTER
8. ALL PANELS TO HAVE RIVETS PLACED AT NO MORE THAN 10" ON CENTER WITH NO LESS THAN (6) POINTS OF CONTACT ON JOISTS. WHERE POSSIBLE, CONTRACTOR TO UTILIZE SAME RIVET/MOUNTING FOR MULTIPLE PANELS WHEN MOUNTING TO JOIST BELOW
9. ALL JOISTS, BEAMS, POSTS TO BE CAPPED AND WELDED TIGHT
10. ALL WELDS TO BE GROUND SMOOTH AND REVIEWED BY LANDSCAPE ARCHITECT PRIOR TO PAINTING -- ANY WELDS NOT GROUND SMOOTH WILL NEED TO BE GROUND SMOOTH PRIOR TO PAINTING.
11. CONTRACTOR TO ENSURE MINIMUM CLEARANCE OF 8'-0" FROM FINISHED GRADE (TOP OF CONCRETE) LOWEST POINT ON BOTTOM OF BEAM. CONTRACTOR TO FAMILIARIZE HIMSELF WITH SLOPE OF PLAZA AGAINST LEVEL BEAMS AND MAINTAIN THIS CLEARANCE MET.
12. CONTRACTOR TO WARRANT ENTIRE SHADE STRUCTURE AGAINST ANY SURFACE RUN-OFF DUE TO LACK OF PAINT/POWDERCOAT MATERIAL COVERAGE OR UNSEALED WELDS FOR A PERIOD OF 5 YEARS.
- CONTRACTOR TO SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION OF STRUCTURES



POST DETAIL

NOT TO SCALE



POST DETAIL

NOT TO SCALE

1 SHADE STRUCTURE

NOT TO SCALE

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FORT LUPTON SPLASHPAD

CITY OF FORT LUPTON, COLORADO
PRELIMINARY CONSTRUCTION DOCUMENTS

PRELIMINARY CONSTRUCTION DOCUMENTS

FORT LUPTON, COLORADO

PROJECT NUMBER:	DATE
220241.00	03.10.2023

DESIGNED: MTW

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SITE DETAILS

SCALE: AS SHOWN

SHEET NUMBER:

L5.3



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FORT LUPTON SPLASHPAD
CITY OF FORT LUPTON, COLORADO
PRELIMINARY CONSTRUCTION DOCUMENTS

FORT LUPTON, COLORADO

REVISIONS:

SHEET TITLE:

SHEET NUMBER:

C1.0



CONTRACTOR TO FOLLOW ALL CITY OF FORT LUPTON SANITARY AND WATER SERVICE REQUIREMENTS FOR INSTALLATION

FILE NAME
C:\Projects\City2
PLOT DATE

FILE NAME
C:\Projects\City\CO\FordLupton\2204-00904_SplashPark\CAD\Design\Plans\2204-00904_Lupton_PlanSet.dwg

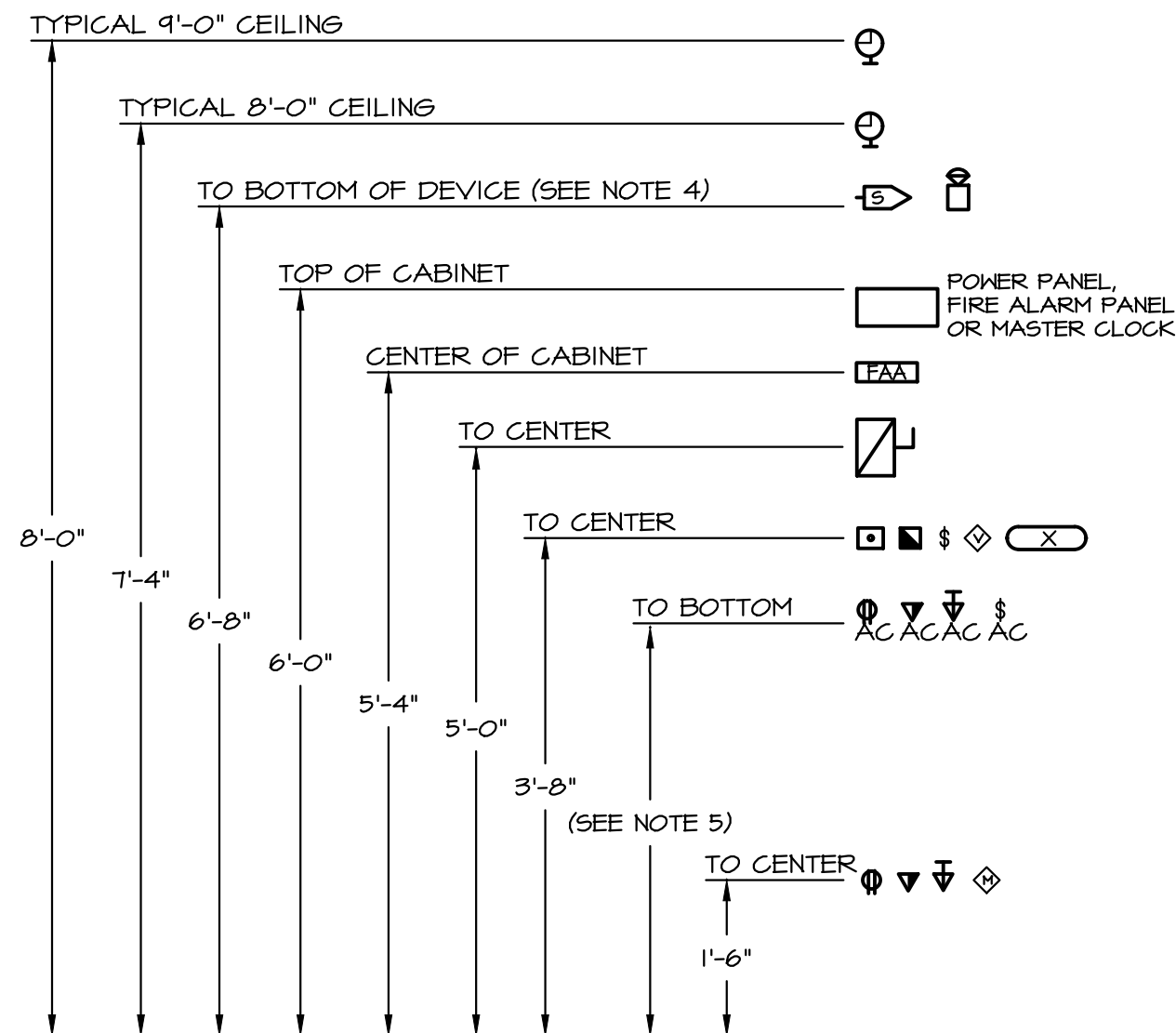
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05013.DWG - TBLA - 34x36 [L:\V\05013.DWG - TBLA - 34x36.dwg]

DISTRIBUTION AND RACEWAY

	MAIN DISTRIBUTION CENTER (MDC)
	SURFACE MTD PANELBOARD
	RECESSED PANELBOARD
	TRANSFORMER
	BRANCH CIRCUIT HOMERUN
	CONDUIT CONCEALED IN FLOOR OR UNDERGROUND
	CONDUIT EXPOSED OR CONCEALED IN WALL OR CEILING
	RACEWAY UP
	RACEWAY DOWN
	CAPPED CONDUIT
	CURRENT TRANSFORMER
	CIRCUIT BREAKER SWITCH
	FUSED SWITCH
	GROUNDING ELECTRODE CONDUCTOR
	METER
	GROUND FAULT PROTECTION

FIRE ALARM

	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR/GRAPHIC MAP
	FIRE ALARM REMOTE POWER SUPPLY
	CONTROL MODULE
	MONITOR MODULE
	MANUAL PULLDOWN STATION
	WALL MOUNTED ADA STROBE
	ADA HORN OR SPEAKER WITH STROBE
	MINI HORN / STROBE
	ELECTROMAGNETIC DOOR HOLD OPEN
	SPRINKLER FLOW SWITCH
	SPRINKLER TAMPER SWITCH
	THERMAL DETECTOR
	PHOTOELECTRIC SMOKE DETECTOR
	DUCT SMOKE DETECTOR, SUPPLY OR RETURN
	REMOTE INDICATING LIGHT (TEST SWITCH)
	120V. MOTORIZED SMOKE DAMPER
	RESCUE ASSISTANCE PHONE
	FIRE FIGHTERS PHONE JACK



NOTES:

- WHERE MULTIPLE LINE VOLTAGE DEVICES ARE SHOWN ADJACENT TO EACH OTHER, THEY ARE ALL TO SHARE THE SAME JUNCTION BOX, UP TO FOUR GANGS.
- WHERE MORE THAN FOUR DEVICES ARE SHOWN ADJACENT TO EACH OTHER, DEVICES ARE TO STACK VERTICALLY ABOVE ONE ANOTHER IN TWO ROWS IN AS SMALL OF GANG BOXES AS POSSIBLE. I.E. SIX DEVICES WILL USE TWO THREE GANG BOXES, FIVE DEVICES WILL USE ONE THREE GANG AND ONE TWO GANG BOX.
- BACK-TO-BACK JUNCTION BOXES IN COMMON WALLS ARE NOT PERMITTED. JUNCTION BOXES SHALL BE SEPARATED BY AT LEAST ONE STUD WHEREVER POSSIBLE.
- AUDIBLE/VISUAL FIRE ALARM DEVICES SHOWN ARE TO BE MOUNTED AT 90° OR 6" BELOW CEILING, WHICHEVER IS LOWER. ADA STROBES TO BE MOUNTED AT 80° AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER.
- THE E.C. SHALL REFER TO INTERIOR DESIGN ELEVATIONS TO COORDINATE ALL COUNTER HEIGHTS. ALL "AC" DEVICES SHALL HAVE BOTTOM OF BACK-BOX MOUNTED 4" ABOVE THE BACK/SIDE SPLASH.

1 MOUNTING HEIGHTS DETAIL

E0.0 SCALE: N.T.S.

ABBREVIATIONS AND SYMBOLS

A	AMPERE(S)
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AMPERES INTERRUPTING CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
BFF	BELOW FINISHED FLOOR
C	CONDUIT
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCT	CORRELATED COLOR TEMPERATURE
CLG	CEILING
CT	CURRENT TRANSFORMER
DED	DEDICATED CIRCUIT
DISC	DISCONNECT
DW	DISHWASHER
DNE(S)	DRAWING(S)
(E)	EXISTING TO REMAIN
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
(ER)	EXISTING TO BE RELOCATED
EM	EMERGENCY
EPO	EMERGENCY POWER OFF
ENC	ELECTRIC WATER COOLER
F	FUSE
FLA	FULL LOAD AMPS
G	GROUND
GC	GENERAL CONTRACTOR
GD	GARBAGE DISPOSAL
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HP	HORSEPOWER
IDF	INTERMEDIATE DISTRIBUTION FACILITY
IG	ISOLATED GROUND
ISC	SHORT CIRCUIT CURRENT
KVA	KILOVOLT AMPERE(S)
KW	KILOWATT(S)
LTS	LIGHTING
MCA	MINIMUM CIRCUIT AMPERE(S)
MCB	MAIN CIRCUIT BREAKER
MDC	MAIN DISTRIBUTION CENTER
MDF	MAIN DISTRIBUTION FACILITY
MLO	MAIN LUGS ONLY
MTS	MANUAL TRANSFER SWITCH
MW	MICROWAVE
NC	NORMALLY CLOSED
NL	NIGHT LIGHT - SEE GENERAL NOTES
NO	NORMALLY OPEN
OAE	OR APPROVED EQUAL
OH	OVERHEAD
P	POLE
PART	PARTIAL CIRCUIT
PH, Ø	PHASE
PNL	PANEL
(R)	REMOVED, EXISTING TO BE REMOVED
RCPT	RECEPTACLE
REF	REFRIGERATOR
(RL)	RELOCATED LOCATION
SPD	SURGE PROTECTION DEVICE
UC	UNDER COUNTER/CABINET
UG	UNDERGROUND
UCN	UNLESS OTHERWISE NOTED
V	VOLT(S)
W	WATT(S) OR WIRE
WG	WIRE GUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER
	POOL EQUIPMENT SCHEDULE NOTATION
	OWNER EQUIPMENT SCHEDULE NOTATION
	MECHANICAL EQUIPMENT SCHEDULE NOTATION
	DETAIL NOTE
	DELTA REVISION NOTE
	ELECTRICAL WIRE SIZE
	LIGHTING CONTROLS SEQUENCE OF OPERATION
	DETAIL REFERENCE TAG
	OBJECT

LIGHTING FIXTURES

	LUMINAIRE TYPE, REFERENCING LUMINAIRE SCHEDULE, TYPICAL ALL FIXTURES, SUBSCRIPT, IF SHOWN, REFERENCES WALL SWITCH OR RELAY/ZONE CONTROL.
	WALL MOUNTED LUMINAIRE
	SURFACE OR PENDANT MOUNTED LUMINAIRE
	RECESSED LUMINAIRE
	DOWNLIGHT LUMINAIRE
	SURFACE CEILING LUMINAIRE
	PENDANT LUMINAIRE
	ARROW INDICATES DIRECTIONAL LUMINAIRE
	MONOPOINT LUMINAIRE
	SURFACE OR PENDANT TRACK LUMINAIRE REFER TO FIXTURE SCHEDULE FOR HEAD QTY.
	LED TAPE LUMINAIRE
	FESTOON LIGHTING
	RECESSED MULTI-HEAD LUMINAIRE
	FLOOR OR TABLE LAMP
	EXIT LUMINAIRE - SHADED INDICATES FACE/DIRECTIONAL ARROWS AS SHOWN.
	BATTERY PACK EMERGENCY LUMINAIRE
	HATCH INDICATES EMERGENCY LUMINAIRE
	PORCELAIN KEYLESS LAMP HOLDER
	STEP LIGHT TYPE LUMINAIRE
	IN-GRADE UPLIGHT
	BOLLARD
	PEDESTRIAN POLE OR POST TOP LUMINAIRE
	EXTERIOR AREA LIGHT

WIRING DEVICES

	DUPLEX RECEPTACLE
	FOUR PLEX RECEPTACLE
	SINGLE RECEPTACLE
	COMBO RECEPTACLE/SWITCH
	SWITCHED DUPLEX RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE
	FLOOR MOUNTED SPECIAL PURPOSE RECEPTACLE
	FLOOR MOUNTED RECEPTACLE DUPLEX/GUAD
	SURFACE RACEWAY
	CLOCK RECEPTACLE
	JUNCTION BOX
	WALL MOUNTED J-BOX
	FLOOR MOUNTED JUNCTION BOX
	MOLDED CASE CIRCUIT BREAKER IN ENCLOSURE
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MAGNETIC CONTROLLER (STARTER)
	COMBINATION STARTER/DISCONNECT SWITCH
	MOTOR
	RELAY
	TIME CLOCK
	PHOTOCELL
	THERMAL OVERLOAD SWITCH
	SINGLE POLE SWITCH
	3-WAY SWITCH
	4-WAY SWITCH
	KEY OPERATED SWITCH
	DIMMER SWITCH
	RECESSED DOOR SWITCH
	LIGHTING CONTROL DEVICE, REFER TO DETAILS FOR CONTROL INTENT.

SYSTEMS

	TTB, MDF OR IDF SYSTEM BACKBOARD
	TELECOMMUNICATION OUTLET
	FLOOR MOUNTED TELECOMMUNICATION OUTLET
	TELEVISION OUTLET
	SPEAKER - PAGING AND OR SOUND SYSTEM (w) - INDICATES SPEAKER ZONE
	MICROPHONE OUTLET
	VOLUME CONTROL
	PUSH BUTTON
	CLOSED CIRCUIT TELEVISION CAMERA
	CABLE TRAY (LENGTH AS INDICATED ON DRAWINGS)

ELECTRICAL GENERAL NOTES

- THE CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIAL NECESSARY FOR A COMPLETE AND FUNCTIONING ELECTRICAL SYSTEM.
- MATERIALS AND INSTALLATION SHALL COMPLY WITH CODES, LAWS AND ORDINANCES OF FEDERAL, STATE AND LOCAL GOVERNING BODIES HAVING JURISDICTION.
- MATERIALS AND EQUIPMENT SHALL BE LISTED AND/OR LABELED BY UL, ETL, CSA OR ANOTHER RECOGNIZED TESTING LAB.
- ALL WORK REQUIRED FOR THE INSTALLATION AS SHOWN ON DRAWINGS INCLUDING LABOR, EQUIPMENT AND MATERIALS SHALL BE IN STRICT COMPLIANCE WITH THE BUILDING STANDARDS, EXCEPT AS NOTED OTHERWISE.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, GOVERNMENTAL FEES, TAXES AND LICENSES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE ELECTRICAL WORK.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT TO GOVERNMENTAL AGENCIES AND UTILITY COMPANIES SHOP DRAWINGS, WHICH ARE REQUIRED BY THESE AGENCIES, FOR THEIR APPROVAL.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER/OWNER OF ANY MATERIALS OR APPARATUS BELIEVED TO BE INADEQUATE, UNSUITABLE, IN VIOLATION OF LAWS, ORDINANCES, RULES OR REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL CAREFULLY EXAMINE THE CONTRACT DOCUMENTS, VISIT THE SITE, AND THOROUGHLY BECOME FAMILIAR WITH THE BUILDING STANDARDS AND LOCAL CONDITIONS RELATING TO THE WORK. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF THE OBLIGATIONS OF THE CONTRACT.
- ALL MATERIALS, AND EQUIPMENT SHALL BE ERECTED, INSTALLED, CONNECTED, CLEANED, ADJUSTED, TESTED, CONDITIONED, AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.
- ALL CUTTING, DRILLING AND PATCHING OF MASONRY, STEEL OR IRON WORK BELONGING TO THE BUILDING MUST BE DONE BY THIS CONTRACTOR IN ORDER THAT THEIR WORK MAY BE PROPERLY INSTALLED, BUT UNDER NO CONDITIONS MAY STRUCTURAL WORK BE CUT, EXCEPT AT THE DIRECTION OF THE ARCHITECT-DESIGNER OR THEIR REPRESENTATIVE.
- E.G. IS TO REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ALL FIRE RATED PENETRATION INSTALLATION REQUIREMENTS. E.G. IS TO NOTIFY ENGINEER AND ARCHITECT PRIOR TO INSTALLING ANY FIXTURES WITHIN A FIRE RATED CEILING OR WALL. FIRE RATINGS MUST BE MAINTAINED FOR THIS TYPE OF INSTALLATION WITH DRYWALL, TENTING.
- SHOP DRAWINGS SHALL INCLUDE MANUFACTURER'S NAMES, CATALOG NUMBERS, CUTS, DIAGRAMS AND OTHER SUCH DESCRIPTIVE DATA AS MAY BE REQUIRED TO IDENTIFY AND REVIEW THE EQUIPMENT. SUBMITTALS SHALL BE IN LOGICAL GROUPS, FOR EXAMPLE, ALL LIGHTING FIXTURES, PARTIAL SUBMITTALS WILL NOT BE REVIEWED.
- SUBMIT (3) COPIES OF THE FOLLOWING SHOP DRAWINGS FOR REVIEW:
A. SWITCH BOARD, PANELBOARDS, AND METERING EQUIPMENT
B. DISCONNECTS
C. FIRE ALARM SYSTEM
D. LIGHT FIXTURES
E. LIGHTING CONTROLS
F. PROVIDE "AS-BUILT" DRAWINGS AND SUBMIT TO ARCHITECT/DESIGNER.
- ALL MATERIAL, EQUIPMENT, WIRING DEVICES, ETC. SHALL BE NEW, UNLESS SPECIFICALLY INDICATED AS EXISTING TO BE REUSED.
- CONTRACTOR SHALL OBTAIN AND VERIFY EXACT UTILITY COMPANY DRAWINGS AND REQUIREMENTS. ELECTRICAL CONTRACTOR IS TO SUBMIT A COMPLETE CONSTRUCTION DRAWING SET TO THE ELECTRICAL UTILITY COMPANY WITHIN 10 DAYS OF AWARD OF CONTRACT. COORDINATE TIMELINE OF THE REVIEW, APPROVAL, ALL ASSOCIATED DOWN TIME, CONSTRUCTION SCHEDULING, DELIVERY, AND INSTALLATION OF THE UTILITY TRANSFORMER. NOTIFY OWNER OF SCHEDULING CONFLICTS.
- ALL NEW CIRCUIT BREAKERS FOR NEW OR EXISTING PANELBOARDS SHALL MATCH EXISTING BUILDING PANELBOARD MANUFACTURER AND BREAKER TYPE. THE CONTRACTOR SHALL PROVIDE NEW TYPE WRITTEN PANEL DIRECTORIES FOR ALL NEW PANELS AND EXISTING PANELS WHICH HAVE CHANGED. PANELBOARD SHALL BE MARKED WHERE THE SOURCE OF POWER SUPPLY ORIGINATES, AND IF SERIES COMBINATION SYSTEMS ARE UTILIZED AND THEIR LISTED AMPERE RATINGS.
- DO NOT SHARE NEUTRAL CONDUCTORS FOR MULTIWIRE BRANCH CIRCUITS. WHERE SHARED NEUTRAL CONDUCTORS ARE REQUIRED (SUCH AS POWERED FURNITURE SYSTEMS), HANDLE TIES SHALL BE PROVIDED ON THE CIRCUIT BREAKERS, WITH SHARED NEUTRALS, SUCH THAT IT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS. ALL HANDLE TIES ARE REQUIRED TO BE INDICATED ON THE PANELBOARD SHOP DRAWINGS.
- SHOULD ACTUAL FIELD CONDITIONS REQUIRE INDICATED CIRCUIT DESIGNATIONS TO VARY, INDICATE THE CIRCUIT NUMBER USED ON THE "AS-BUILT" DRAWINGS.
- ALL SERVICE EQUIPMENT (OTHER THAN IN PHELLING UNITS) SHALL BE LEGIBLY MARKED IN THE FIELD BY THE ELECTRICAL CONTRACTOR WITH THE MAXIMUM AVAILABLE FAULT CURRENT AS INDICATED WITHIN THESE DOCUMENTS. THE FIELD MARKING(S) SHALL COMPLY WITH ELECTRICAL SPECIFICATIONS FOR READABILITY AND DURABILITY.
- PROVIDE COMPLETE METAL RACEWAY SYSTEMS AND ENCLOSURES FOR ALL WIRING THROUGHOUT THE EXTENT OF THE REQUIRED DISTRIBUTION SYSTEM.
A. UTILIZE RIGID POLYVINYL CHLORIDE CONDUIT (PVC) IN THE FOLLOWING LOCATIONS:
P. UNDERGROUND
B. UTILIZE ELECTRICAL METALLIC TUBING (EMT), MINIMUM SIZE OF 3/4", IN THE FOLLOWING LOCATIONS:
A. SERVICE AND FEEDERS
B. POWER CIRCUIT HOMERUN
C. BRANCH CIRCUITS IN CONCEALED OR EXPOSED LOCATIONS
D. TELEPHONE/DATA/CATV ROUGH-IN
C. UTILIZE METAL-CLAD CABLE (MC) IN THE FOLLOWING LOCATIONS:
A. BRANCH CIRCUIT IN CONCEALED LOCATIONS
B. FINAL CONNECTION TO RECESSED LIGHTING FIXTURES
C. FINAL CONNECTION TO STEP-DOWN TRANSFORMERS
- ALL NEW CIRCUITS SHALL HAVE A GROUND WIRE INSTALLED.
- ALL WIRING NOT INSTALLED IN CONDUIT AND INSTALLED IN THE CEILING SPACE SHALL BE FLENUM RATED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SPECIAL OUTLET BOXES THAT MAY BE REQUIRED TO ENCLOSE RECEPTACLES.
- EACH SWITCH, LIGHT, RECEPTACLE AND OTHER MISCELLANEOUS DEVICE SHALL BE PROVIDED WITH A GALVANIZED OR PRESSED STEEL OUTLET BOX OF THE KNOCKOUT TYPE, OF NOT LESS THAN NO. 14 U.S. GAUGE STEEL. CONDUITS SHALL BE FASTENED WITH LOCKNUTS AND BUSHINGS AND ALL UNUSED KNOCKOUTS MUST BE LEFT SEALED. THERE MUST BE SUFFICIENT ROOM FOR WIRES AND BUSHINGS AND DEEP BOXES SHALL BE INSTALLED WHERE REQUIRED. BOXES SHALL BE SECURELY AND ADEQUATELY SUPPORTED.
- IN EXPOSED AND SUSPENDED CEILING APPLICATIONS, ROUTE CONDUIT AS CLOSE TO STRUCTURAL SLAB OR DECK AS POSSIBLE, AND SUPPORT CONDUIT AND JUNCTION BOXES DIRECTLY FROM THE STRUCTURAL SLAB, DECK, OR FRAMING PROVIDED FOR THAT PURPOSE. LIGHTING BRANCH CIRCUIT CONDUITS SHALL NOT BE CLIPPED TO THE CEILING SYSTEM HAS BEEN SPECIFICALLY DESIGNED FOR THAT PURPOSE.
- ALL EXPOSED CONDUIT SHALL BE CONCEALED TO THE GREATEST EXTENT POSSIBLE, AND SHALL BE INSTALLED PARALLEL AND CLOSE TO STRUCTURAL MEMBERS. GENERAL CONTRACTOR SHALL PAINT CONDUIT TO MATCH ADJACENT FINISHES.
- ALL RECEPTACLES SHALL BE SPECIFICATION GRADE NEMA 5-20R, UNLESS OTHERWISE NOTED.
- ALL LIGHT SWITCHES SHALL BE SPECIFICATION GRADE, QUIET OPERATION RATED 120/277 VOLT, 20 AMPS, UNLESS OTHERWISE NOTED.
- ALL FACE PLATE AND DEVICE COLORS SHALL BE APPROVED BY ARCHITECT OR OWNER/LEASEE.
- PROVIDE OWNER WITH A COMPLETE LISTING OF ALL LAMPS UTILIZED ON THE PROJECT INCLUDING MANUFACTURER AND CATALOG INFORMATION. PROVIDE A SUGGESTED SOURCE, INCLUDING CONTACT NAME AND PHONE NUMBER, FOR REORDERING.
- ROUGH-IN FOR MECHANICAL EQUIPMENT SHALL ONLY OCCUR AFTER MECHANICAL EQUIPMENT SUBMITTALS ARE THOROUGHLY REVIEWED FOR CHANGES. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- FINAL LAYOUT AND QUANTITY OF ALL FIRE ALARM DEVICES SUBJECT TO APPROVAL OF LOCAL AUTHORITY HAVING JURISDICTION.
- THE POWER AND CONTROL REQUIREMENTS FOR ALL EQUIPMENT CONNECTIONS SHALL BE CONFIRMED WITH APPROVED SHOP DRAWINGS PRIOR TO ELECTRICAL ROUGH-IN. FINAL POWER REQUIREMENTS, DIMENSIONED ROUGH-IN LOCATIONS, LOW VOLTAGE SYSTEM CONNECTIONS, ETC. SHALL BE CONFIRMED AND MODIFIED AS REQUIRED.
- ALL DEVICES IN OR ABOVE COUNTERS SHALL HAVE LOCATIONS AND MOUNTING HEIGHTS CONFIRMED WITH ARCHITECTURAL ELEVATIONS & OWNER PRIOR TO ROUGH-IN. ANY ADJUSTMENTS TO MOUNTING HEIGHTS REQUIRED BY LACK OF COORDINATION WILL BE AT THE CONTRACTOR'S EXPENSE.
- IDENTIFY EACH RECEPTACLE WITH PANELBOARD IDENTIFICATION AND CIRCUIT NUMBER. USE HOT, STAMPED, OR ENGRAVED MACHINE PRINTING WITH BLACK-FILLED LETTERING ON FACE OF PLATE, AND DURABLE WIRE MARKERS OR TAGS INSIDE OUTLET BOXES.
- UNLESS OTHERWISE NOTED, ALL GFCI RECEPTACLES SHALL HAVE TEST/RESET SWITCHES INTEGRAL TO RECEPTACLE DEVICE.

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FORT LUPTON SPLASHPAD

CITY OF FORT LUPTON, COLORADO
DESIGN DEVELOPMENT DOCUMENTS

FORT LUPTON, COLORADO

PROJECT NUMBER: 220241.00
DATE: 02.21.2023

DESIGNED BY: AE DESIGN
DRAWN BY: MKD, CRW
CHECKED BY: BJJ

REVISIONS:

FINAL PLAN DATE: 02.21.2023

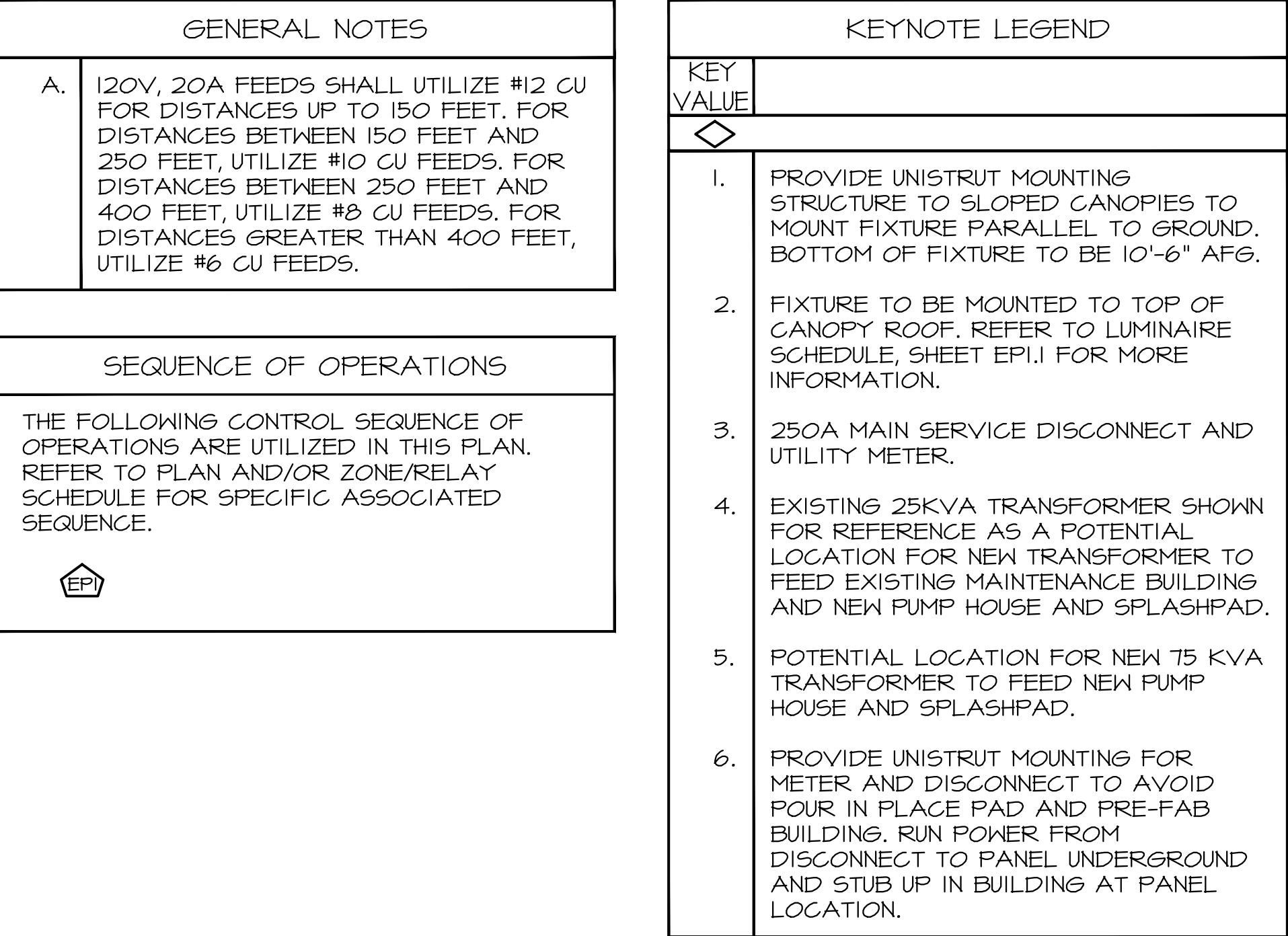
JOB DESCRIPTION:
95% CONSTRUCTION DOCUMENTS

SHEET TITLE:
ELECTRICAL COVER SHEET

SHEET NUMBER:

E0.0

AE DESIGN
Integrated Lighting and Electrical Solutions
1900 Wazee Street #205 | Denver, CO 80202 | 303.296.3034
aedesign-inc.com Project #:5913.00



1	ELECTRICAL SITE PLAN
E1.0	SCALE: 1" = 10'

E1.0

Page 100 of 150



1 | ENLARGED POWER PLAN – PUMP HOUSE

E1.1	SCALE: 1/4" = 1'-0"
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GENERAL NOTES	
A.	ALL POWER LOCATIONS AND CONNECTIONS WITHIN PREFABRICATED BUILDING ARE SHOWN FOR REFERENCE ONLY AND ARE TO BE INSTALLED AND CONNECTED BY BUILDING FABRICATOR. FURTHER LOCATIONS AND CONNECTIONS ARE PROVIDED WITH BUILDING FABRICATOR'S CONSTRUCTION DOCUMENTS.
B.	ALL LIGHTING LOCATIONS AND CONNECTIONS AND LIGHTING CONTROLS WITHIN PREFABRICATED BUILDING TO BE INSTALLED AND CONNECTED BY BUILDING FABRICATOR AND ARE PROVIDED WITH BUILDING FABRICATOR'S CONSTRUCTION DOCUMENTS.
C.	ALL SPLASHPAD EQUIPMENT LOCATIONS AND CONNECTIONS SHOWN HERE ARE FOR REFERENCE ONLY AND WILL BE PROVIDED AND CONNECTED BY SPLASHPAD CONTRACTOR. LOCATIONS AND CONNECTIONS ARE PROVIDED WITH SPLASHPAD CONTRACTOR'S CONSTRUCTION DOCUMENTS.

FORT LUPTON SPLASHPAD

CITY OF FORT LUPTON, COLORADO
DESIGN DEVELOPMENT DOCUMENTS

FORT LUPTON, COLORADO

PROJECT NUMBER: 220241.00 DATE 02.21.2023

DESIGNED: AE DESIGN
DRAWN: MKD, CRW
CHECKED: BJJ

REVISIONS:

FINAL PLAN DATE: 02.21.2023

JOB DESCRIPTION:

95% CONSTRUCTION DOCUMENTS

SHEET TITLE:
**ENLARGED ELECTRICAL
PLANS**

SHEET NUMBER:

E1.1

FILE NAME: A:\Projects\2024\05\0513.00 - Fort Lupton Splash Pad\A\0513.00 - 01a - 24x36.dwg
XREFS: 0513.00 - 01a - 24x36 [A:0513.00 - Fort Lupton Splash Pad\A\0513.00 - 01a - 24x36.dwg]
A:\Projects\2024\05\0513.00 - Fort Lupton Splash Pad\A\0513.00 - 01a - 24x36.dwg
A:\Projects\2024\05\0513.00 - Fort Lupton Splash Pad\A\0513.00 - 01a - 24x36.dwg

PANEL 'A'															
VOLTAGE L-L: VOLTAGE L-N: TYPE: MOUNTING: NOTES:			240 120 IPW/3W SURFACE FEED THRU LUGS SUPPLIED WITH PREFABRICATED BUILDING			LOCATION: BUS RATING: MAIN CB: FED FROM: AIC RATING:			MAINTENANCE SHED 200 AMPS ML/O UTILITY TRANSFORMER FULLY RATED AT LEAST EQUAL TO: 22K AIC						
CIR. NO	LOAD TYPE	LOAD VA	LOAD DESCRIPTION (NOTE N#)	CIRCUIT BREAKER POLE	TRIP TYPE	BUS	CIRCUIT BREAKER TYPE	TRIP POLE	LOAD DESCRIPTION (NOTE N#)	LOAD VA	LOAD TYPE	CIR NO			
1	R	180	CHASE RECEPTACLE (N#)	1	20	A	20	I	EXTERIOR LIGHTS	56	L	2			
3	L	56	CHASE LIGHTS (N#)	1	20	B	20	I	RR #2 LTG, FAN (N#)	124	LM	4			
5	LM	124	RR #1 LTG, FAN (N#)	1	20	A	20	I	STOR EXH FAN, LTG (N#)	157	LM	6			
7	E	2250	WATER HEATER H#1 (N#)	2	30	B	20	I	STOR RECPTS (N#)	120	R	8			
9	E	2250	--	--	--	A	20	I	RR #2 RECPTS (N#)	150	R	10			
11	R	180	RR #1 RECPTS (N#)	1	20	B	20	I	RR #1 HAND DRYER (N#)	1140	E	12			
13			SPARE	1	20	A	20	I	RR #2 HAND DRYER (N#)	1140	E	14			
15	R	540	SITE RECPTS	1	20	B	20	I	STOR RECPTS (N#)	120	R	16			
17			SPARE	1	20	A	20	I	SITE LTG	170	L	18			
19			SPARE	1	20	B	20	I	SPARE			20			
21			SPARE	1	20	A	20	I	SPARE			22			
23			SPARE	1	20	B	20	I	SPARE			24			
25			SPARE	1	20	A	20	I	SPARE			26			
27			SPARE	1	20	B	20	I	SPARE			28			
29			SPARE	1	20	A	20	I	SPARE			30			
	S	4120	PANEL 'B'			A									
	S	4120	--			A									
LOAD TYPE: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, KE=KITCHEN EQUIPMENT, C=CONTINUOUS, S=SUBFEED PANEL															
CB TYPE: GFCI=5mA GROUND FAULT CIRCUIT INTERRUPTER, GFEP=30mA GROUND FAULT PROTECTION FOR EQUIPMENT, AFCI=ARC FAULT CIRCUIT INTERRUPTER															
CAFCL=COMBINATION ARC FAULT & 5mA GROUND FAULT CIRCUIT INTERRUPTER, ST=SHUNT TRIP, HT=HANDLE TIE WITH GROUPING #															
HG=HANDLE CLAMP FOR LOCKING IN ON/OFF POSITION, LOCK=PERMANENTLY LOCKABLE BREAKER															
LOAD TYPE:		LOAD		MULT		DEMAND LOAD		TOTAL CONNECTED LOADS							
LIGHTING:		282		1.25		353 VA		A				B			
RECEPTACLE:		2520		1.0		2520 VA		VA				13482			
OVER IOK:		0		0.5		0 VA		TOTAL DEMANDED LOADS							
MOTOR:		0		1.0		0 VA									
LGGST MOTOR:		415		1.25		514 VA		VA				B			
EQUIPMENT:		6180		1.0		6180 VA		VA				15501			
KITCH EQUIP:		0		0		0 VA		A				118			
CONTINUOUS		0		1.25		0 VA		TOTAL ON PANEL:				30 KVA			
SUBFEED PNL:		14440		1.0		14440 VA						123 AMPS			
NOTES:															
N1. CONNECTION TO BE PROVIDED BY PREFAB BUILDING CONTRACTOR.															

PANEL 'B'															
VOLTAGE L-L: VOLTAGE L-N: TYPE: MOUNTING: NOTES:			240 120 IPW/3W SURFACE NEW PANEL			LOCATION: BUS RATING: MAIN CB: FED FROM: AIC RATING:			MAINTENANCE SHED 200 AMPS ML/O PANEL 'A' FULLY RATED AT LEAST EQUAL TO:			22K AIG			
CIR. NO.	LOAD TYPE	LOAD VA	LOAD DESCRIPTION (NOTE N#)	CIRCUIT BREAKER POLE	TRIP TYPE	BUS TYPE	CIRCUIT BREAKER TYPE	TRIP POLE	LOAD DESCRIPTION (NOTE N#)	LOAD VA	LOAD TYPE	CIR. NO.			
1	M	2600	FEATURE PUMP MODULE 1.1 (N)	2	35	A	20	I	FEATURE PUMP MODULE 1.2 (N)	460	M	2			
3	M	2600	---	---	---	B	20	I	FILTRATION MODULE 2.2 (N)	460	M	4			
5	M	3640	FILTRATION MODULE 2.1 (N)	2	40	A	20	I	CONTROLLER MODULE 3.1 (N)	460	M	6			
7	M	3640	---	---	---	B	20	I	UV MODULE 4.2 (N)	460	M	8			
9	M	1560	UV MODULE 4.1 (N)	2	20	A	20	I	SPARE			10			
11	M	1560	---	---	---	B	20	I	SPARE			12			
13			SPARE	1	20	A	20	I	SPARE			14			
15			BUSSED SPACE			B	20	I	SPARE			16			
17			BUSSED SPACE			A	20	I	SPARE			18			
19			BUSSED SPACE			B	20	I	SPARE			20			
LOAD TYPE: L=LIGHTING, R=RECEPTACLE, M=MOTOR, LM=LARGEST MOTOR, E=EQUIPMENT, KE=KITCHEN EQUIPMENT, C=CONTINUOUS, S=SUBFEED PANEL															
CB TYPE: GFCI=5mA GROUND FAULT CIRCUIT INTERRUPTER, GFEP=30mA GROUND FAULT PROTECTION FOR EQUIPMENT, AFCI=ARC FAULT CIRCUIT INTERRUPTER															
CAFCL=COMBINATION ARC FAULT & 5mA GROUND FAULT CIRCUIT INTERRUPTER, ST=SHUNT TRIP, HT=HANDLE TIE WITH GROUPING #															
HG=HANDLE CLAMP FOR LOCKING IN ON/OFF POSITION, LOCK=PERMANENTLY LOCKABLE BREAKER															
LOAD TYPE:		LOAD		MULT		DEMAND LOAD		TOTAL CONNECTED LOADS							
LIGHTING:		0		1.25		0 VA		VA		4120		B		4120	
RECEPTACLE:		0		1.0		0 VA		VA		4120		B		4120	
OVER IOK:		0		0.5		0 VA		VA		4120		B		4120	
MOTOR:		14440		1.0		14440 VA		VA		4120		B		4120	
LGGT MOTOR:		0		1.25		0 VA		VA		4120		B		4120	
EQUIPMENT:		0		1.0		0 VA		VA		4120		B		4120	
KITCH EQUIP:		0		0		0 VA		VA		4120		B		4120	
CONTINUOUS:		0		1.25		0 VA		VA		4120		B		4120	
SUBFEED PNL:		0		1.0		0 VA		VA		4120		B		4120	
NOTES:															
N1. ALL SPLASHPAD EQUIPMENT CONNECTIONS TO BE BY SPLASHPAD CONTRACTOR.															

FAULT CURRENT CALCULATION SCHEDULE																
POINT	LOCATION DESCRIPTION	LENGTH (L) (ft)	VOLTAGE (EL-L)	VOLTAGE (EL-N)	PHASE	WIRE SIZE	CONDUCTOR MATERIAL	CONDUCTOR TYPE	CONDUIT MATERIAL	VOLTAGE CLASS	C VALUE	# OF PARALLEL RUNS	Isc AVAILABLE UPSTREAM	Isc AT EQUIP (1500) OR (EL-L)	FUSE LET THRU (L1)	POINT
FO	UTILITY XFMR												---	22,200	---	FO
F1	200A SERV DISC	30	240	120	I	250	COPPER	THREE SINGLE CONDUCTORS	NONMAGNETIC	600V	18483	1	22,200	17,041	----	F1
F2	PANEL 'A'	50	240	120	I	250	COPPER	THREE SINGLE CONDUCTORS	STEEL	600V	16483	1	11,041	11,580	----	F2
F3	PANEL 'B'	5	240	120	I	250	COPPER	THREE SINGLE CONDUCTORS	STEEL	600V	16483	1	11,041	11,580	----	F3
NOTES:																
1. ALL CALCULATIONS WERE DONE USING BUSMAN "POINT-TO-POINT" METHOD.																
2. REFER TO PLANS FOR ASSUMED UTILITY TRANSFORMER SIZE UTILIZED FOR CALCULATIONS.																
3. TRANSFORMER IMPEDANCES USED IN THE CALCULATIONS WERE TAKEN FROM EATON'S PUBLISHED IMPEDANCES FOR DOE 2016 DRY-TYPE TRANSFORMERS.																
4. CONDUCTOR LENGTHS INDICATED IN THIS SCHEDULE ARE FOR THE PURPOSES OF FAULT CURRENT CALCULATIONS ONLY. THESE LENGTHS ASSUME WORST CASE SHORTEST DISTANCE CONDITIONS AND SHOULD NOT BE UTILIZED BY THE ELECTRICAL CONTRACTOR FOR BIDDING PURPOSES. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ESTIMATING AND MEASURING ACTUAL FIELD CONDITION LENGTHS AS PART OF THE BID PROCESS.																

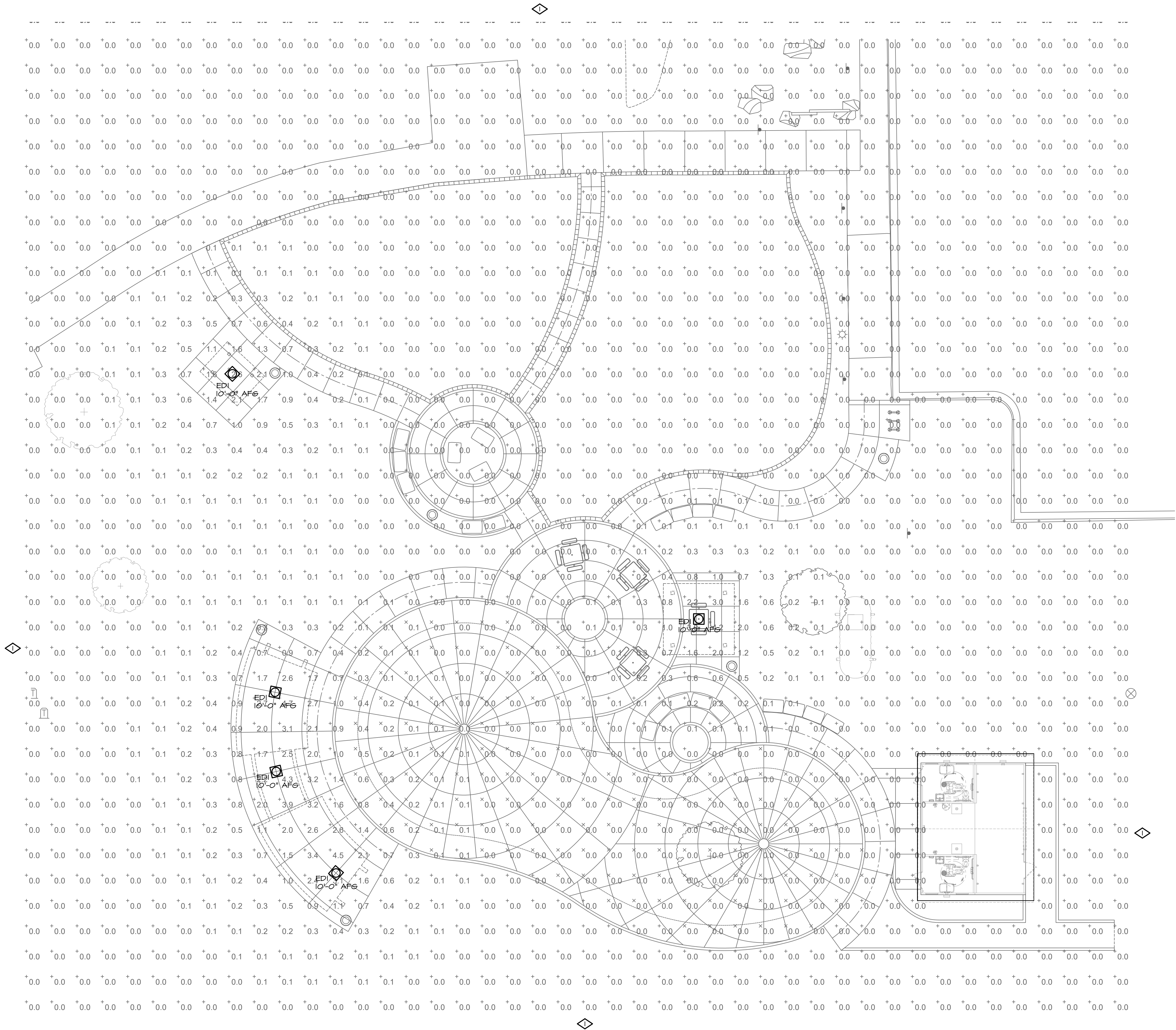
OWNER EQUIPMENT SCHEDULE											
KEY	DESCRIPTION	VOLTS	PH	LOAD HP/KVA/FLA	CONNECTION			MCCP	FEEDER		NOTES
					RECEPT.	DISC.	OTHER				
1.1	FEATURE PUMP MODULE	240	I					35A	3#8, 1#10S, 1" C	B-1.3	
1.2	FEATURE PUMP MODULE	120	I	8 A				10A	2#12, 1#12S, 3/4" C	B-2	
2.1	FEATURE PUMP MODULE	240	I	35 A				40A	3#8, 1#10S, 1" C	B-5.1	
2.2	FILTRATION MODULE	120	I	8 A				10A	2#12, 1#12S, 3/4" C	B-4	
3.1	CONTROLLER MODULE	120	I	8 A				10A	2#12, 1#12S, 3/4" C	B-6	
4.1	UV MODULE	240	I	15 A				20A	3#12, 1#12S, 3/4" C	B-9.11	

- A. LIGHTING CALCULATIONS WERE MADE USING A LIGHT LOSS FACTOR OF 1.0.
- B. CALCULATION POINTS WERE TAKEN AT GRADE LEVEL ON A 5'X5' GRID. CALCULATIONS DO NOT REPRESENT ANY SLOPE OF ELEVATION CHANGE.
- C. ILLUMINANCE CONTRIBUTIONS FROM STREET LIGHTING AND ADJACENT PROPERTIES ARE NOT INCLUDED.
- D. ALL LIGHT FIXTURES ARE FULL-CUTOFF AND SHIELDED TO REDUCE GLARE BEYOND THE PROPERTY LINE. ALL LAMPS DO NOT EXTEND BELOW THE HOUSING OF THE FIXTURE.
- E. ALL LIGHT FIXTURES TO BE CONTROLLED VIA ASTRONOMICAL TIMECLOCK WITH PHOTOCELL TO ALLOW LIGHTS TO BE TURNED "ON" ONLY DURING NON-DAYLIGHT HOURS.
- F. A STATEMENT OF CERTIFICATION WILL BE PROVIDED ADDRESSING ACCOUNTABILITY FOR THE CONTENT AND ACCURACY OF THE SUBMITTED LIGHTING PLAN AND THE INSTALLATION OF THE LIGHTS ACCORDING TO THE APPROVED LIGHTING PLAN. IT IS THE RESPONSIBILITY OF THE OWNER TO ENSURE COMPLIANCE TO ALL STANDARDS IN EFFECT. (ORIG. 7-23-02; RELOC. 12-13-16).

	LUMINAIRE TYPE, REFERENCING LUMINAIRE SCHEDULE, TYPICAL ALL FIXTURES. SUBSCRIPT, IF SHOWN, REFERENCES WALL SWITCH
	WALL MOUNTED SCONE LIGHT
	EXTERIOR POLE AREA LIGHT
	WALL MOUNTED AREA LIGHT

SYMBOL	AVG	MAX	DESCRIPTION	MIN	MAX/MIN	AVG/MIN
+	0.1 fc	4.7 fc	GENERAL SITE	0.0 fc	N/A	N/A
×	0.0 fc	0.6 fc	SPLASH PAD	0.0 fc	N/A	N/A

KEY	
VALUE	
I.	PROPERTY LOT LINE IS OUTSIDE THE EXTENTS OF THE PROJECT SCOPE.



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LIGHTING FIXTURE SCHEDULE															
TYPE/DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLTAGE	SOURCE				MAX WATTS	LUMEN OUTPUT	DIMMING	FIXTURE FINISH	MOUNTING INFORMATION		NOTES	
				QTY	WATT	TYPE	CCT/CRI					LOCATION	BOF/RFP/OFH		
EDI	FLAT FACE LOW PROFILE SURFACE MOUNT EXTERIOR HIGH ABUSE	KENALL	MR35FF-PP-MB-10L35K-120-SA	120	1	13	LED	3500/80	13	1111	0-10V	BLACK	SURFACE	9'-0" BOF	
ABBREVIATIONS: BOF - BOTTOM OF FIXTURE, RFP - RECESSED FIXTURE DEPTH, OFH - OVERALL FIXTURE HEIGHT, AFE(AFG) - ABOVE FINISHED FLOOR (GRADE), WFD - WALL FIXTURE DEPTH															
GENERAL NOTES: A. ALL LED LAMPS AND/OR FIXTURES SHALL BE 3500K COLOR TEMPERATURE AND A MINIMUM OF 80CRI, UON. B. PROVIDE LUMINAIRES SHOWN AS SHADED WITH FACTORY INSTALLED 90 MINUTE EMERGENCY BATTERY OR OTHER REMOTE POWER SOURCE, UON. EMERGENCY LUMINAIRES SHALL SENSE UN-SWITCHED POWER TO THE SPACE AND OPERATE AUTOMATICALLY UPON LOSS OF NORMAL POWER. ALL EMERGENCY LUMINAIRES SHALL HAVE AN INTEGRAL TEST SWITCH AND VISIBLE INDICATOR LIGHT. C. CONNECT THE EMERGENCY BATTERY TO THE UN-SWITCHED LEG OF THE LIGHTING CIRCUIT INDICATED. D. LUMENS LISTED ARE DELIVERED LUMENS, NOT INITIAL. E. FOR ALL SPECIFIED LUMINAIRES, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MOUNTING HARDWARE, ACCESSORIES, COMPONENTS, LEADER/JUMPER CABLES, WIRE FEED, CONNECTORS, END CAPS, REMOTE POWER SUPPLIES, AND ANY OTHER NECESSARY COMPONENT AS REQUIRED FOR INSTALLING A SECURE AND FULLY FUNCTIONAL SYSTEM. F. THE CONTRACTOR SHALL VERIFY THE CEILING TYPE BEFORE ORDERING LIGHT FIXTURES TO ENSURE COMPATIBILITY WITH SPECIFIED FIXTURES, NOTIFY SPECIFIER OF ANY DISCREPANCIES. G. ALL FINISH SELECTIONS SHALL BE VERIFIED BY ARCHITECT/INTERIOR DESIGNER/OWNER AS PART OF THE SUBMITTAL PROCESS, UNLESS OTHERWISE NOTED, EC SHALL ASSUME STANDARD LUMINAIRE FINISH OPTION FOR FRIGING. H. EC SHALL VERIFY ALL FIXTURE MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ANY ROUGH-IN. I. FOR LUMINAIRES SPECIFIED WITH 0-10V DIMMING, 0-10V DIMMING (DRIVER/S) REQUIRE ADDITIONAL LOW VOLTAGE CONTROL WIRES IN ADDITION TO STANDARD WIRING FOR POWER.															
SPECIFIC NOTES: 1.															

LIGHTING SEQUENCE OF OPERATION								
SEQUENCE OF OP.	ON	OFF	SENSOR TYPE	TIME OUT	DIMMING/ SWITCHING	DAYLIGHT HARVESTING		COMMENTS
						YES/NO	TARGET ILLUMINANCE (FC)	
EXTERIOR								
EPI	PHOTOCELL AUTOMATIC ON AT DUSK	PHOTOCELL AUTOMATIC OFF AT DAWN	PHOTOCELL	N/A	SWITCHING	NO	NA	

MILLENNIUM EDGE™		PROJECT INFORMATION																																										
MR13/MR17 SERIES – FLAT FACE LOW PROFILE		Job Name _____																																										
		Fixture Type _____																																										
		Catalog Number _____																																										
		Approved by _____																																										
PRODUCT FEATURES: • Surface mount – offset or flush • 13° beam, 3° D (MR13FL), 17° beam, 4° D (MR17FL) • Piece of Mind Guarantee® against leakage outside • Dust and water protected to IP64 standards • Full access for ENEC approved Disk Sky installations • Ceiling Mount only • AIAA compliant																																												
SPECIFICATIONS: BASIS PLATE: Flame grade die-cast aluminum; integral heat sink; Boreplate flange; interlocks and wings around lens base providing maximum modulus deflection and resistance to prying. Boreplate provided with fluorescent mounting holes, one wiring hole and temporary access box mounting brackets. Standard matte black, dark bronze or matte white exterior TIG welder powder coat – Snap pre-mount. REFLECTOR: Full reflective cover – 92% reflectivity. LENS: Unbreakable, high impact resistant, acrylic injection molded polycarbonate. Close tolerance gasket/mold-to-socket mating of injection molded lens and lens base; lens and lens base secured with one concealed captive screw from center pin fastener. LENS BASE: High impact resistant, injection molded matte black, dark bronze or matte white polycarbonate. DISCRETE: On-axis offset of neoprene self adhesive gasket leads baseboard to mounting surface. Closed off silicone "O" ring gaskets positioned and friction seated in gasket channels of lens base. Silicone and optional thermal adhesive. HARDWARE: One stainless steel "Screw" with center pin fastener. ELECTRICAL: Available in 5000K, 4000K, and 3000K color temperatures; 80 CRI, 120-277VAC, 50/60Hz electrical input with high power factor electronic, constant-current driver (≤36 VFL Standard >10W dimming with ≤100% range; maximum drive standard at 200 µA). PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an IALCO/ETL accredited laboratory; for additional photometric data, please go to www.kenall.com. WARRANTY: Limited five (5) year warranty. Piece of Mind Guarantee against leakage. LISTINGS: Luminaires are certified UL ETL Standards by either Underwriters Laboratory or Bureau Veritas Laboratory for West Locations. Listing includes Emergency Battery Pack, "LED" option, UL certified PSE and ENEC. ENEC designated full cut-off ENEC designated "Full Cut-off" after calling request.																																												
PEACE OF MIND Guarantee®																																												
ORDERING INFORMATION (EX: MR13FL-PP-DK-20LSOK-VN) <table border="1"> <thead> <tr> <th>Model</th> <th>Lens Type</th> <th>Finish</th> <th>Lamp Type</th> <th>Voltage</th> <th>Options</th> <th>Accessories</th> </tr> </thead> <tbody> <tr> <td colspan="7"> PP </td> </tr> <tr> <td>Model</td> <td>Lens Type</td> <td>Finish</td> <td>Lamp Type</td> <td>Voltage</td> <td>Options</td> <td>Accessories</td> </tr> <tr> <td>MR13FL 13° Dia. MR17FL 17° Dia.</td> <td> Type TP - HeatShield Polycarbonate </td> <td> Finish MB - Matte Black DN - Dark Bronze DK - Dark Bronze </td> <td> Lamp Type AIRLINE 10LSOK 10 Watt 5000K LED 10LSOK 10 Watt 4000K LED 10LSOK 10 Watt 3000K LED 20LSOK 20 Watt 5000K LED 20LSOK 20 Watt 4000K LED 20LSOK 20 Watt 3000K LED MR17ZEL 15LSKR 15 Watt 3500K LED 15LSOK 15 Watt 6000K LED 15LSOK 15 Watt 4000K LED 25LSKR 25 Watt 5000K LED 25LSOK 25 Watt 6000K LED 25LSOK 25 Watt 4000K LED </td> <td> Options LES-SA LED Emergency Battery Backup with On-board Surface Adapter (SA) Non-AIAA (12v or 277v) BPSC-SA Photo Control – Standalone Button Type with On-board surface adapter (SA) – Non-AIAA (12v or 277v only) FAT Single Line & Voltage NAT Neighborhood Environment Option RAMP Ratchet Mounting Plate (See Tech Sheet) </td> <td> Accessories SA Die-Cast Surface Adapter 9500 9500m² Screwdriver </td> </tr> <tr> <td colspan="4"></td> <td> 1 inch with Surface Adapter 1 inch with BPC </td> <td colspan="2"></td> </tr> <tr> <td colspan="4"> Voltage 120 120-277Vrms 277 277 Vrms 347 347 Vrms DFT 120-277 Vrms </td> <td colspan="3"></td> </tr> </tbody> </table>				Model	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories	PP							Model	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories	MR13FL 13° Dia. MR17FL 17° Dia.	Type TP - HeatShield Polycarbonate	Finish MB - Matte Black DN - Dark Bronze DK - Dark Bronze	Lamp Type AIRLINE 10LSOK 10 Watt 5000K LED 10LSOK 10 Watt 4000K LED 10LSOK 10 Watt 3000K LED 20LSOK 20 Watt 5000K LED 20LSOK 20 Watt 4000K LED 20LSOK 20 Watt 3000K LED MR17ZEL 15LSKR 15 Watt 3500K LED 15LSOK 15 Watt 6000K LED 15LSOK 15 Watt 4000K LED 25LSKR 25 Watt 5000K LED 25LSOK 25 Watt 6000K LED 25LSOK 25 Watt 4000K LED	Options LES-SA LED Emergency Battery Backup with On-board Surface Adapter (SA) Non-AIAA (12v or 277v) BPSC-SA Photo Control – Standalone Button Type with On-board surface adapter (SA) – Non-AIAA (12v or 277v only) FAT Single Line & Voltage NAT Neighborhood Environment Option RAMP Ratchet Mounting Plate (See Tech Sheet)	Accessories SA Die-Cast Surface Adapter 9500 9500m² Screwdriver					1 inch with Surface Adapter 1 inch with BPC			Voltage 120 120-277Vrms 277 277 Vrms 347 347 Vrms DFT 120-277 Vrms						
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1	ED1
EP1.1	SCALE: NTS

PROJECT NUMBER: 220241.00 DATE 02.21.2023

DESIGNED: AE DESIGN
DRAWN: MKD, CRW
CHECKED: BJJ

REVISIONS:

FINAL PLAN DATE: 02.21.2023

JOB DESCRIPTION:

95% CONSTRUCTION DOCUMENTS

SHEET TITLE:
**ELECTRICAL
PHOTOMETRIC DETAILS**

SHEET NUMBER:

EP1.1

DRAWINGS AND BASE INFORMATION - ALL BASE AND PLANTING INFORMATION HAS BEEN PROVIDED BY DHM DESIGN. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY HYDROSYSTEMS*KDI OF ANY DISCREPANCIES BETWEEN THE UTILITY OR PLANTING PLANS AND THE IRRIGATION PLAN. IF CONTRACTOR FAILS TO NOTIFY HYDROSYSTEMS*KDI AND MAKES CHANGES TO THE IRRIGATION SYSTEM DESIGN, THEY ASSUME ALL COSTS AND LIABILITIES ASSOCIATED WITH THOSE FIELD CHANGES. REFER TO SPECIFICATIONS FOR ADDITIONAL PROJECT REQUIREMENTS. CONTACT IRRIGATION CONSULTANT FOR CURRENT SPECIFICATIONS IF NOT PROVIDED.

2. SYSTEM PRESSURE - HYDROSYSTEMS*KDI HAS CONTACTED THE MAINTENANCE PERSONNEL ON THIS SITE AND THEY HAVE BEEN TOLD THAT THE WATER PRESSURE IN THIS AREA SHOULD BE 85 PSI PROVIDED BY THE BOOSTER PUMP. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PRESSURE PRIOR TO COMMENCING ANY CONSTRUCTION AND NOTIFY HYDROSYSTEMS*KDI OF ANY VARIANCE FROM THE STATED PRESSURE IMMEDIATELY. WRITTEN DOCUMENTATION OF PRESSURE TEST AND RESULTS SHALL BE PROVIDED TO HYDROSYSTEMS*KDI AT CONSTRUCTION ONSET. IF CONTRACTOR FAILS TO FIELD VERIFY PRESSURE AND/OR NOTIFY HYDROSYSTEMS*KDI OR ANY VARIATIONS FROM THIS PRESSURE, THEN THEY ASSUME ALL CONSTRUCTION AND ENGINEERING COSTS ASSOCIATED WITH SYSTEM MODIFICATIONS REQUIRED TO ACCOMMODATE ACTUAL SITE PRESSURE. THIS SYSTEM HAS BEEN DESIGNED FOR A REQUIRED STATIC PRESSURE OF 85 PSI MINIMUM.

3. NON-POTABLE WATER SOURCE - THIS SITE HAS BEEN DESIGNED TO BE IRRIGATED WITH NON-POTABLE WATER. ALL CAPS ON HEADS, VALVE HANDLES, VALVE BOX LIDS SHALL BE CONSTRUCTED OF PURPLE MATERIALS AND LABELED TO INDICATE NON-POTABLE WATER SUPPLY. ALL MAINLINE AND LATERAL PIPING SHALL BE PURPLE IF REQUIRED BY THE SUPPLYING UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING SIGNS NOTIFYING THE PUBLIC OF THE USE OF NON-POTABLE WATER ON THIS SITE. SEE STATE REGULATIONS FOR CONTENT AND SIZE OF NOTIFICATION SIGNS. INSTALLATION CREWS ARE TO BE INFORMED OF THE USE OF NON-POTABLE WATER.

4. IRRIGATION SYSTEM OPERATION INTENT - THIS IRRIGATION SYSTEM HAS BEEN DESIGNED TO IRRIGATE THE ESTABLISHED LANDSCAPE WITHIN A SIX NIGHT PER WEEK, SIX HOUR PER NIGHT WATERING WINDOW. ESTABLISHMENT WATERING WILL REQUIRE UP TO TWICE AS MUCH IRRIGATION FOR A FOUR TO SIX WEEK PERIOD. THE DESIGN IS BASED ON THE FOLLOWING PROJECTED WEEKLY APPLICATION RATES AFTER ESTABLISHMENT. THESE FIGURES ARE BASED ON A 30-YEAR AVERAGE WEATHER DATA AND WILL NEED TO BE ADJUSTED DUE TO SEASONAL CHANGES AND WEATHER CONDITIONS ABOVE AND BELOW THE AVERAGE VALUES UTILIZED.

	BLUERGASS TURF	ORNAMENTAL PLANTINGS
	0.23" PER WEEK PEAK SEASON	2.23" PER WEEK PEAK SEASON

5. EQUIPMENT INSTALLATION - IT IS THE INTENT OF THIS DESIGN THAT ALL IRRIGATION EQUIPMENT BE INSTALLED WITHIN PROPERTY LIMITS AND WITHIN LANDSCAPED AREAS. INSTALLATION SHALL BE COORDINATED WITH OTHER UTILITY WORK. ALL OTHER UTILITIES SHALL TAKE PRECEDENCE OVER IRRIGATION LOCATION. ANY EQUIPMENT OTHER THAN VALVE BOXES OR SLEEVING THAT CONTAINS PIPE OR WIRES SHOWN OUTSIDE OF THESE LIMITS IS SHOWN IN THAT LOCATION FOR GRAPHICAL CLARITY ONLY. ALL VALVE BOXES SHALL BE INSTALLED A MINIMUM OF 2'-0" FROM EDGE OF ANY PAVED SURFACES UNLESS SPECIFICALLY INDICATED ON PLANS. BOXES INSTALLED IN OPEN TURF AREAS SHALL BE KEPT TO EDGES AND STAKED FOR REVIEW IF ALONG HIGH TRAFFIC AREAS. ALL VALVE BOXES SHALL BE PLACED A MINIMUM OF 3'-0" FROM THE CENTERLINE OF ANY DRAINAGE SWALE. ALL VALVE BOXES WITHIN PAVEMENT SHALL BE TIER 15 RATED BOXES FOR HEAVY DUTY NON-DELIBERATE TRAFFIC. BOX LID COLOR SHALL MATCH ADJACENT MATERIALS, I.E. GREEN IN TURF, TAN IN WOOD MULCH, GRAY IN STONE MULCH. PURPLE FOR RECLAIMED WATER SYSTEMS (IF REQUIRED). REFER TO LANDSCAPE PLANS FOR MATERIAL COLORS AND TYPES. ALL BOXES SHALL BE INSTALLED TO BE FLUSH WITH GRADE AND IN AN ORDERLY MANNER. WHERE MORTAR PAVING LIDS ARE INSTALLED ABOVE BOXES, IRRIGATION BOX WITH LID SHALL BE LOWERED TO ACCOMMODATE PAVING LID. REFER TO LANDSCAPE FOR ADDITIONAL INFORMATION, TO BE INSTALLED PER MANUFACTURE RECOMMENDATIONS.

6. PIPING INSTALLATION - IRRIGATION PIPING SHALL MAINTAIN A MINIMUM DISTANCE FROM BUILDING FOUNDATIONS OF 5 FEET OR AS DESCRIBED IN SOILS REPORT, WHICHEVER IS GREATER. NO SPRAY IRRIGATION SHALL OCCUR WITHIN 10 FEET OF THE FOUNDATION. NO DRIP IRRIGATION SHALL OCCUR WITHIN 5 FEET OF THE FOUNDATION UNLESS SOIL MOISTURE SENSORS ARE INSTALLED ON VALVES SERVICING THESE AREAS. ALL IRRIGATION PIPING AND EMISSION DEVICES LOCATED ON TOP OF OR WITHIN BUILDING STRUCTURE SHALL CONFORM TO WATERPROOFING CONSULTANT REQUIREMENTS. PIPE ROUTING MAY BE SHOWN WITHIN THESE DISTANCES FOR GRAPHICAL CLARITY ONLY.

7. MANUAL DRAIN VALVES - CONTRACTOR TO INSTALL ONE MANUAL DRAIN VALVE ON PRESSURE SUPPLY LINE DIRECTLY DOWNSTREAM OF BACKFLOW PREVENTER AND AT ALL LOW POINTS AND DEAD ENDS OF PRESSURE SUPPLY PIPING TO ENSURE COMPLETE DRAINAGE OF SYSTEM. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THESE LOCATIONS IN-FIELD AND INSTALLATION LOCATIONS SHALL BE NOTED ON AS-BUILTS.

8. POP-UP SPRAY NOZZLES - CONTRACTOR TO INSTALL PLASTIC NOZZLES ON ALL POP-UP SPRAY HEADS. INSTALL 15 SERIES NOZZLES ON ALL HEADS SPACED AT 12' TO 14'. INSTALL 12 SERIES NOZZLES ON ALL HEADS SPACED 10' TO 11'. INSTALL 10 SERIES NOZZLES ON ALL HEADS SPACED AT 8' TO 9'. INSTALL 8 SERIES NOZZLES ON ALL HEADS SPACED AT 6' TO 7'. INSTALL 5' NOZZLES ON ALL HEADS SPACED AT 5'. INSTALL SIDE STRIP NOZZLES ON ALL HEADS WITH AN "S" DESIGNATION AND RIGHT AND LEFT CORNER STRIP NOZZLES ON ALL HEADS WITH AN "L" OR "R" DESIGNATION. VARIABLE ARC NOZZLES SHOULD BE UTILIZED ADJACENT TO CURVILINEAR SHRUB BEDS OR FOR ANY ANGLES THAT ARE NOT A STANDARD NOZZLE ANGLE.

9. UNLABELED PIPING - ALL UNLABELED LATERAL PIPING SHALL BE 1" MINIMUM UNLESS OTHERWISE NOTED.

10. SLEEVING - ALL SLEEVING UNDER PAVED SURFACES SHOWN ON PLANS IS BY CONTRACTOR UNLESS OTHERWISE NOTED. SLEEVING SHALL BE INSTALLED IN THE SIZES AND QUANTITIES SHOWN ON PLANS OR BASED ON THE SCHEDULE BELOW. WHERE SLEEVES ARE SHOWN, BUT NOT LABELED, FOLLOW THE SCHEDULE BELOW. ALL MAINLINE, CONTROL WIRES AND DRIP LINES UNDER PAVED SURFACES ARE TO BE INSTALLED IN SLEEVING. ALL MAINLINE SLEEVE LOCATIONS TO INCLUDE A SEPARATE WIRE SLEEVE.

SLEEVE PIPE SIZE/WIRE QUANTITY	REQUIRED SLEEVE SIZE & QUANTITY
3/4" - 1 1/4" PIPING	2" PVC (1)
1 1/2" - 2" PIPING	4" PVC (1)
2 1/2" - 3" PIPING	6" PVC (1)
1-25 CONTROL WIRES	2" PVC (1)
26-50 CONTROL WIRES	3" PVC (1)
51-100 CONTROL WIRES	3" PVC (2)

11. SPARE CONTROL WIRES - CONTRACTOR SHALL EXTEND THREE SPARE WIRES (ONE COMMON AND 2 CONTROL WIRES) FROM EACH CONTROLLER TO THE END OF THE MAINLINE SERVING THAT CONTROLLER OR AS SHOWN ON THE PLANS. INSTALL SPARE WIRES IN 10" ROUND VALVE BOX WITH QUICK COUPLING VALVE. REFER TO SPECIFICATIONS FOR WIRE COLOR. SEE IRRIGATION SCHEDULE FOR ADDITIONAL INFORMATION.

12. ADJUSTMENT - CONTRACTOR SHALL FINE TUNE/ADJUST THE IRRIGATION SYSTEM TO REDUCE/AVOID OVERSPRAY ONTO HARD SURFACES BY ADJUSTING NOZZLE DIRECTION AND NOZZLE RADII.

13. PLANS AND SPECIFICATIONS - CONTRACTOR RESPONSIBLE TO ENSURE WORK CONFORMS TO PLANS AND SPECIFICATIONS. AT ONSET OF CONSTRUCTION, VERIFY PLANS ARE CURRENT. DO NOT CONSTRUCT ANY PORTIONS OF THE IRRIGATION OFF OF PLANS MARKED NOT FOR CONSTRUCTION OR FOR REVIEW ONLY. FAILURE TO VERIFY CURRENT PLANS MAY RESULT IN RECONSTRUCTION AT CONTRACTOR'S EXPENSE. WHERE REQUIRED BY CITY OR TOWN, CONTRACTOR SHALL CONSTRUCT ONLY CITY OR TOWN STAMPED PLANS. REVISIONS TO CITY OR TOWN STAMPED PLANS SHALL CONFORM TO CITY OR TOWN FIELD CHANGE PROCEDURES AND DOCUMENTATION.

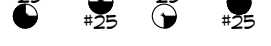
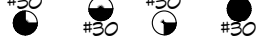
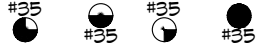
14. EXISTING IRRIGATION DAMAGE - CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING IRRIGATION SYSTEMS DAMAGED DURING NEW INSTALLATION. REPAIR OR REPLACEMENT SHALL BE DETERMINED BY OWNER OR OWNER'S REPRESENTATIVE AND PAID FOR BY THE LANDSCAPE CONTRACTOR.

15. EXISTING IRRIGATION COORDINATION - EXISTING IRRIGATION SYSTEM SHALL NOT BE TURNED OFF FOR MORE THAN 24 HOURS MAXIMUM. CONTRACTOR SHALL COORDINATE TURN OFF OF SYSTEM WITH OWNER OR MAINTENANCE STAFF 72 HOURS PRIOR TO ANY NEW CONSTRUCTION.

16. EXISTING TREE IRRIGATION - CONTRACTOR SHALL PROVIDE IRRIGATION DURING CONSTRUCTION TO EXISTING TREES AS REQUIRED BY FORT LUPTON FORESTRY STANDARDS.

17. SIMULTANEOUS ZONE OPERATION - THIS IRRIGATION SYSTEM HAS BEEN DESIGNED TO OPERATE MULTIPLE ZONES SIMULTANEOUSLY BASED ON INDIVIDUAL ZONE FLOW. THE DESIGN IS INTENDED TO OPERATE MULTIPLE VALVES, UP TO THE MAXIMUM FLOW IN THE POINT OF CONNECTION NOTE. REFER TO CONTROLLER SPECIFICATION FOR MAXIMUM SIMULTANEOUS VALVE COUNT.

18. PRESSURE TESTING - CONDUCT MAINLINE TEST IN PRESENCE OF CONSULTANT. ARRANGE FOR PRESENCE OF CONSULTANT 48 HOURS IN ADVANCE OF TESTING. SUPPLY FORCE PUMP AND ALL OTHER TEST EQUIPMENT. COMPRESSED AIR SHALL NOT BE USED FOR PRESSURE TESTING SYSTEM.

IRRIGATION SCHEDULE				
SYMBOL	MANUFACTURER	MODEL NO.	DESCRIPTION	DETAIL NO.
	RAIN BIRD	RD-06-S-P30-NP WITH MATCHED PRECIPITATION RATE SERIES NOZZLE	POPUP SPRAY HEAD	1
	RAIN BIRD	RD-06-S-P30-NP WITH SST, CORNER SERIES NOZZLE	POPUP SPRAY HEAD	1
	RAIN BIRD	RD-12-S-P30-NP WITH MATCHED PRECIPITATION RATE SERIES NOZZLE	HI-POP SPRAY HEAD	2
	RAIN BIRD	RD-12-S-P30-NP WITH SST, CORNER SERIES NOZZLE	HI-POP SPRAY HEAD	2
	RAIN BIRD	5004-PL-FC/FC-SAM-R-NP-SS WITH #MPR-25 MATCHED PRECIPITATION NOZZLE (RED)	GEAR DRIVEN ROTOR	3
	RAIN BIRD	5004-PL-FC/FC-SAM-R-NP-SS WITH #MPR-30 MATCHED PRECIPITATION NOZZLE (GREEN)	GEAR DRIVEN ROTOR	3
	RAIN BIRD	5004-PL-FC/FC-SAM-R-NP-SS WITH #MPR-35 MATCHED PRECIPITATION NOZZLE (TAN)	GEAR DRIVEN ROTOR	3
	RAIN BIRD	8005-SS-NP WITH #NOZZLE	GEAR DRIVEN ROTOR	3
	RAIN BIRD	PESBR-PRS-D	ELECTRIC CONTROL VALVE	4
	RAIN BIRD	44-NP	QUICK COUPLING VALVE	5
	WEATHERMATIC	SL4848 WITH SL4NM55	ELECTRIC CONTROLLER	6
	WEATHERMATIC	SLM5	WEATHER SENSOR DEVICE	7
N/S	OLDCASTLE / CARSON	REFER TO SPECIFICATIONS AND DETAILS	VALVE BOXES	VARIOUS
N/S	AY MACDONALD	76001 - 1/4 TURN - 1"	MANUAL DRAIN VALVE	8
N/S			WIRE SPLICE	9
		LINE SIZE - 3" AND LARGER	GATE VALVE	10
N/S	LEEMCO		MECHANICAL JOINT RESTRAINTS	11
		SCHEDULE 40 - 2 1/2" & SMALLER	PVC MAINLINE	12
		SCHEDULE 40 - 3" & LARGER	PVC MAINLINE	12
		SCHEDULE 40	PVC LATERAL	12
		CLASS 200	PVC SLEEVING	13
			EXISTING CONTROLLER	
			EXISTING QUICK COUPLER	
			EXISTING VALVE CALLOUT	
			EXISTING CONTROL VALVE	
			EXISTING MAINLINE	
			EXISTING LATERAL LINE	
			EXISTING SLEEVING	
 CONTROLLER & STATION NO. - CONTROL VALVE SIZE				
 A (controller) NUMBER OF SPARE WIRES - 2 CONTROL AND 1 SPARE WIRES TO INDICATED CONTROLLER - SEE CONSTRUCTION NOTES				

CITY OF FORT LUPTON, COLORADO
DESIGN DEVELOPMENT DOCUMENTS

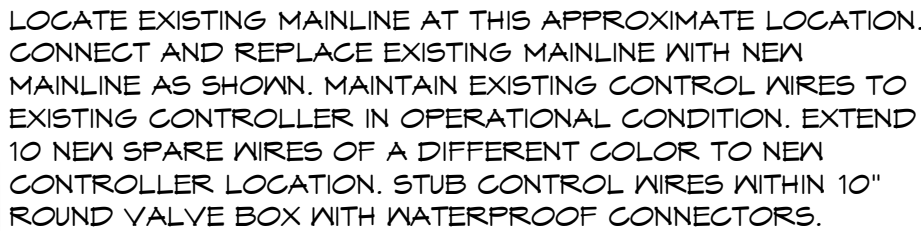
FORT LUPTON, COLORADO

DESIGNED: AMC
DRAWN: AMC
CHECKED: KJD

DESIGN DEVELOPMENT DOCUMENTS

SHEET NUMBER:

IR2.0

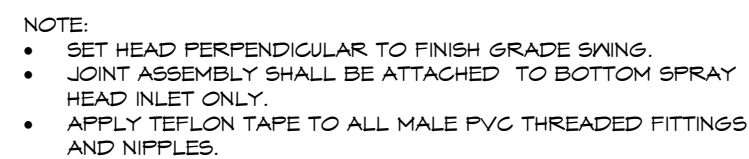


EXISTING LANDSCAPING: CONTRACTOR SHALL PROTECT EXISTING LANDSCAPE AND CONCRETE WALK TO REMAIN. DAMAGE DONE TO THESE AREAS AS PART OF NEW CONSTRUCTION SHALL BE REPAIR OR REPLACED AT NO ADDITIONAL COST TO OWNER.



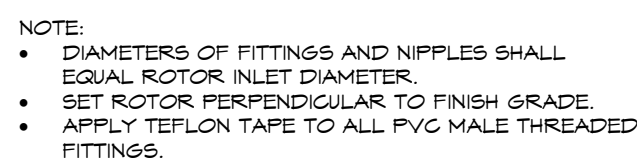
SWING PIPE - PVC - NON-POTABLE

1



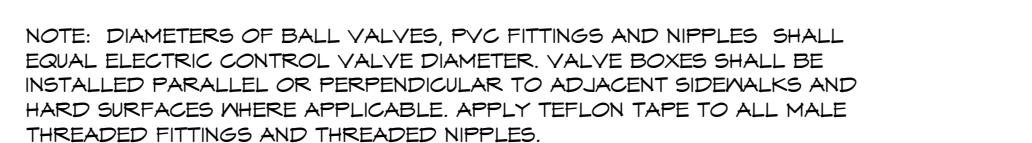
SWING JOINT - PVC - NON-POTABLE

2



SWING JOINT - PVC - NON-POTABLE

3



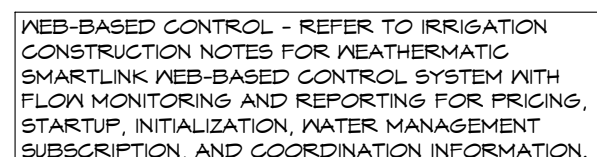
24V - PVC Lateral - Non-Potable

4



LASCOSWING - NON-POTABLE

5



INTERIOR WALL MOUNT

6

Pole Mounted - Wireless

7

FORT LUPTON SPLASHPAD
CITY OF FORT LUPTON, COLORADO
DESIGN DEVELOPMENT DOCUMENTS
FORT LUPTON, COLORADO

PROJECT NUMBER: 220241.00 DATE 12.30.2022

DESIGNED: AMC
DRAWN: AMC
CHECKED: KJD

REVISIONS:

FINAL PLAN DATE:

JOB DESCRIPTION:

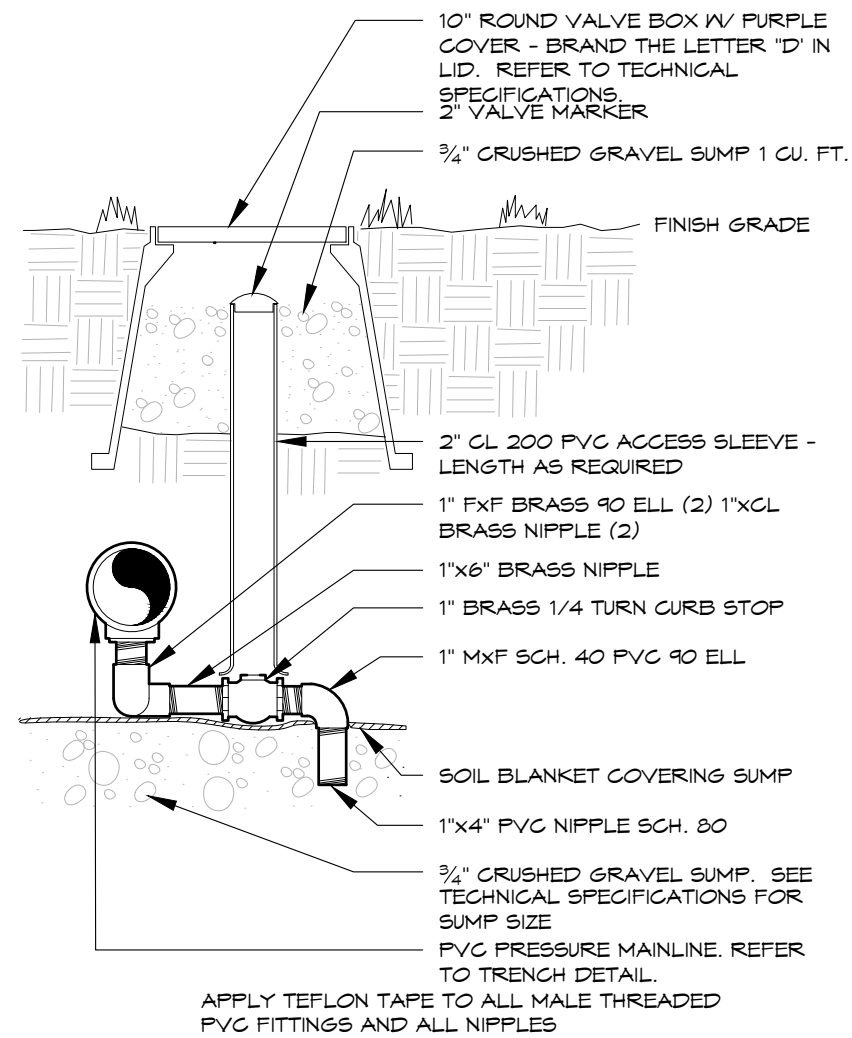
DESIGN DEVELOPMENT
DOCUMENTS

SHEET TITLE:

IRRIGATION DETAILS

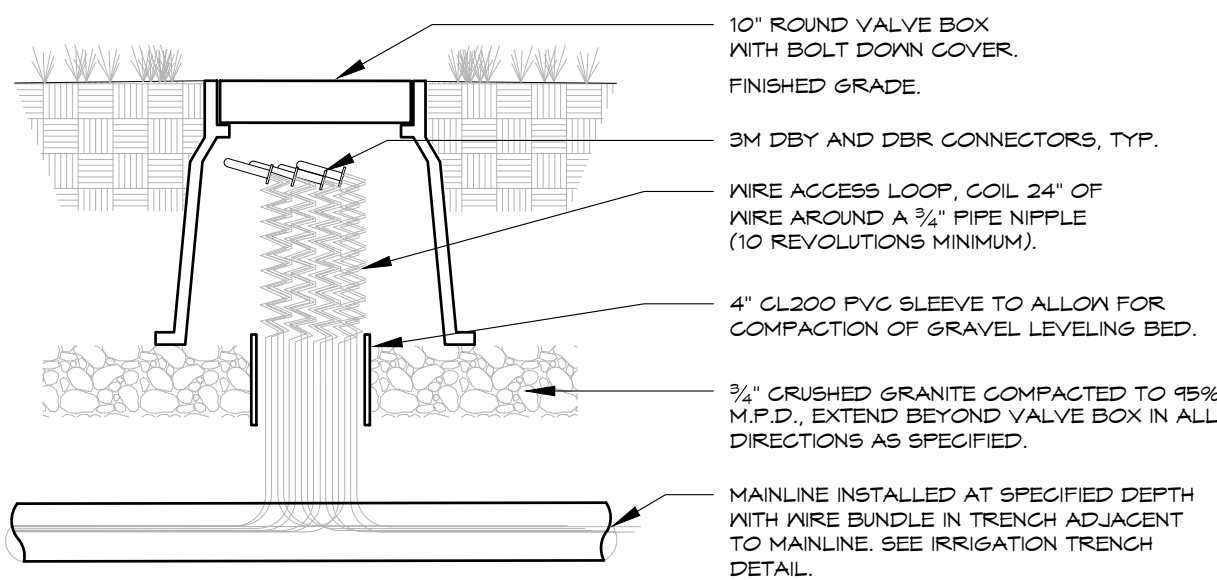
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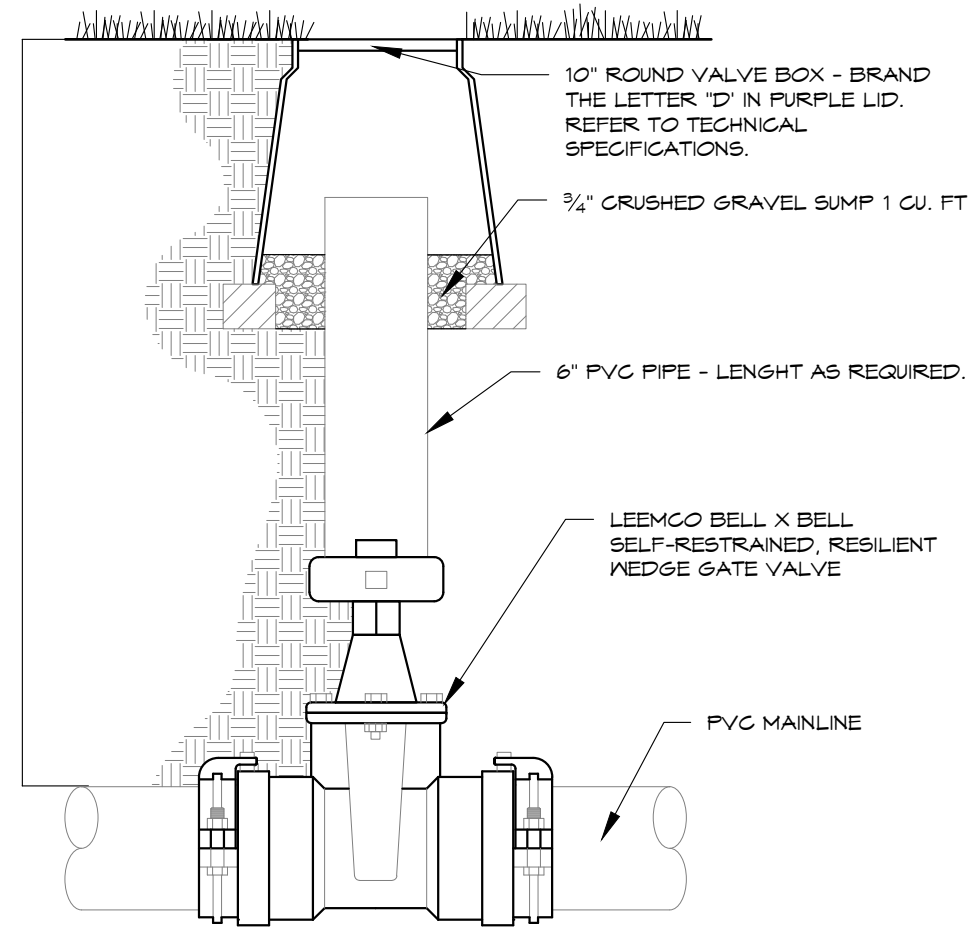
MANUAL DRAIN VALVE
NON-POTABLE

8



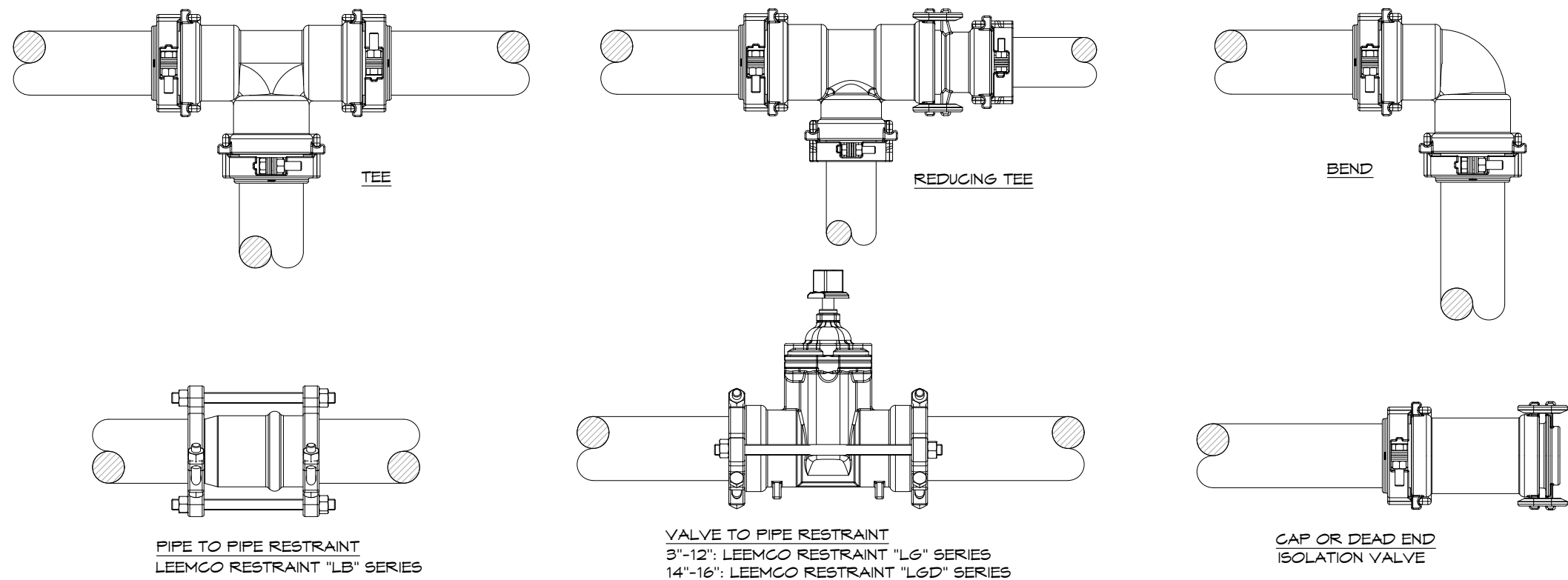
WIRE SPLICE BOX
24V WIRING SYSTEM

9



LEEMCO LMV-BB GATE VALVE

10



DISTANCE CHART

REFER TO THE FOLLOWING TABLE THAT LISTS THE LENGTH (IN FEET) FOR EACH SIZE/TYPE FITTING WITHIN WHICH ALL JOINTS JUST BE RESTRAINED. ALL FITTINGS AND JOINT RESTRAINTS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS & SPECIFICATIONS.

AS AN EXAMPLE, IF YOU ARE INSTALLING A 3" MAINLINE WITH A DIRECTIONAL CHANGE OF 90°, REFER TO CHART UNDER PIPE SIZE TO 3" AND UNDER BENDS 90° YOU WILL SEE THE DISTANCE OF 11". IF THERE IS ANY JOINT (VALVE, BELL, ETC.) YOU MUST INSTALL A JOINT RESTRAINT WITHIN 11" OF THE 90° MAINLINE DIRECTIONAL CHANGE.

PIPE SIZE	BENDS				REDUCERS			DEAD END	
	11°	22°	45°	90°	1STEP	2STEP	3STEP	BLIND	SERV.B.
2"	1'	1'	2'	6'	-	-	-	14"	6'
3"	1'	2'	4'	8'	4'	10'	-	23"	10'
4"	2'	4'	8'	20'	14'	20'	31'	45"	25'
6"	3'	6'	13'	30'	30'	40'	59'	63"	40'
8"	4'	8'	15'	33'	33'	55'	63'	75"	10'
10"	5'	9'	18'	45'	35'	55'	75'	86"	60'
12"	5'	10'	21'	55'	38'	60'	83'	112"	110'

INSTALLATION CHART

REFER TO THE FOLLOWING TABLE WHICH LISTS THE NUMBER OF BOLTS, SIZE, AND TORQUE FOR EACH BOLT IN REFERENCE TO THE SIZE OF PIPE WHICH IS BEING RESTRAINED.

AS AN EXAMPLE, IF YOU HAVE A 3" PIPE, YOU WILL NEED 2 BOLTS THAT ARE 3/8" X 2.5" AND TIGHTEN THEM WITH A TORQUE WRENCH TO 30 FT-LBS.

PIPE SIZE	NO. BOLTS	BOLT SIZE	TORQUE FT-LBS.
2"	2	3/8" x 2.5"	20
2.5"	2	3/8" x 2.5"	20
3"	2	3/8" x 2.5"	20
4"	2	1/2" x 3"	30
6"	2	1/2" x 3.5"	50
8"	4	1/2" x 4"	50
10"	4	3/4" x 5.5"	100
12"	4	3/4" x 5.5"	100

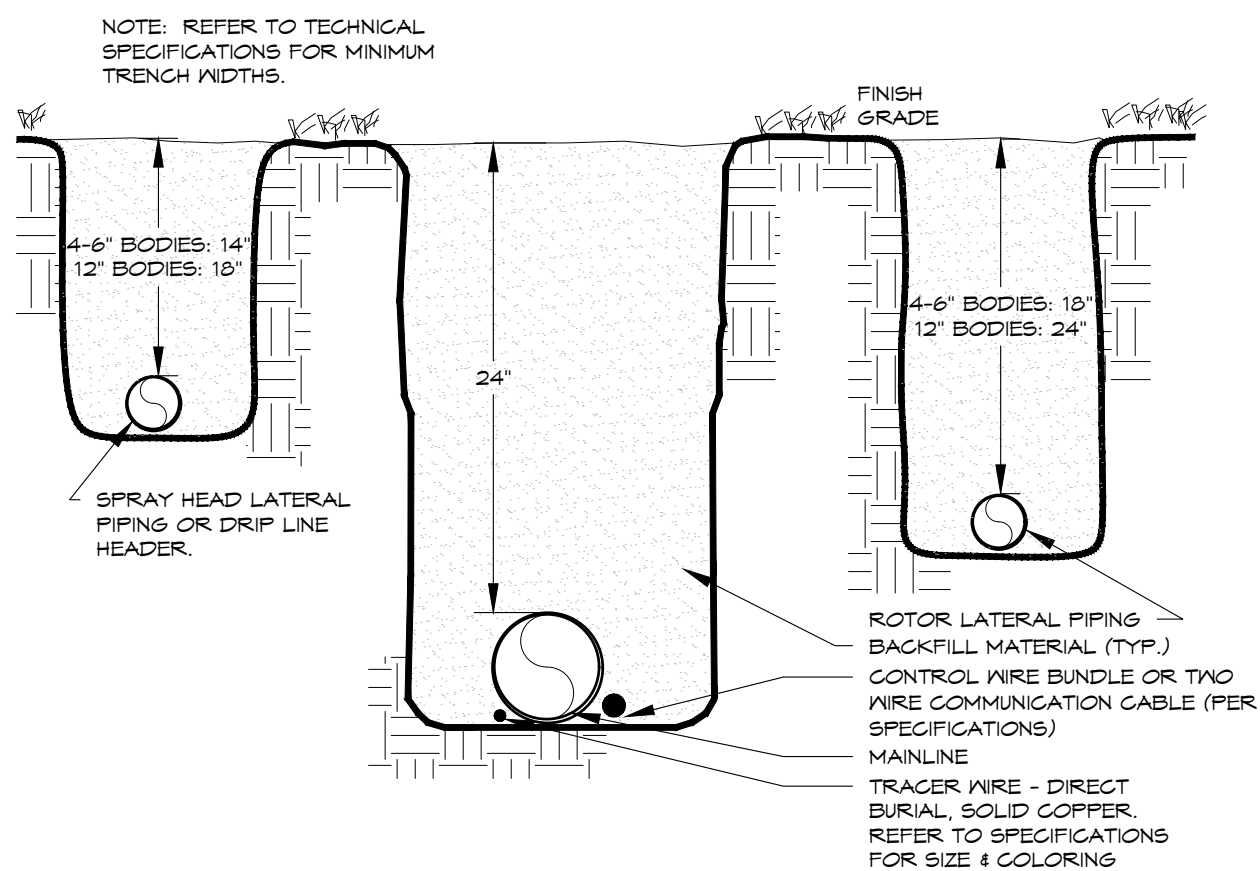
CONTACT TONY GARNER @ (208) 631-TB81, THE LEEMCO REPRESENTATIVE, FOR ALL QUESTIONS CONCERNING LEEMCO PRODUCTS. COORDINATE AN INSTALLATION CLINIC WITH TONY GARNER PRIOR TO INSTALLING THE MAINLINE.

- NOTES:
- THE RESTRAINT SCHEDULES HERE ARE FOR SYSTEM PRESSURES UP TO 125 PSI. FOR HIGHER PRESSURES, CALL THE LEEMCO FACTORY.
 - EACH FITTING AND VALVE BELL MUST BE RESTRAINED TO THE LENGTH OF PIPE NOTED IN THE TABLE USING FITTING TO PIPE RESTRAINT, VALVE TO PIPE RESTRAINT, AND PIPE TO PIPE RESTRAINT AS REQUIRED.
 - PIPE JOINTS WITHIN THE RESTRAINED LENGTH REQUIREMENT MUST BE RESTRAINED WITH PIPE TO PIPE RESTRAINTS.
 - SERVICE TEES AND COUPLINGS WITHIN THE RESTRAINED LENGTH REQUIREMENT MUST BE RESTRAINED WITH FITTING TO PIPE RESTRAINTS.
 - CONTACT JASON MOYER @ (720) 295-8846, THE LEEMCO REPRESENTATIVE, FOR ALL QUESTIONS CONCERNING LEEMCO PRODUCTS. COORDINATE AN INSTALLATION CLINIC WITH JASON MOYER PRIOR TO INSTALLING THE MAINLINE.

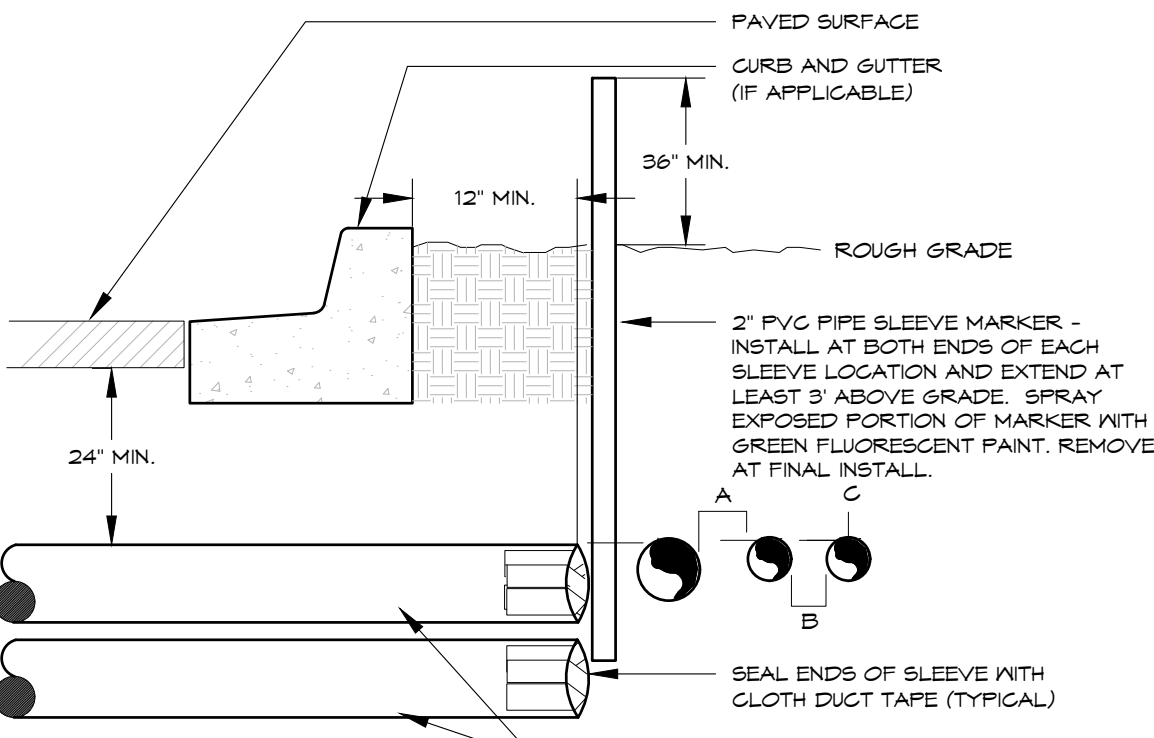
LEEMCO FITTINGS/JOINT RESTRAINTS - 2" + MAIN

11

TRENCH WITH TRACER WIRE



12



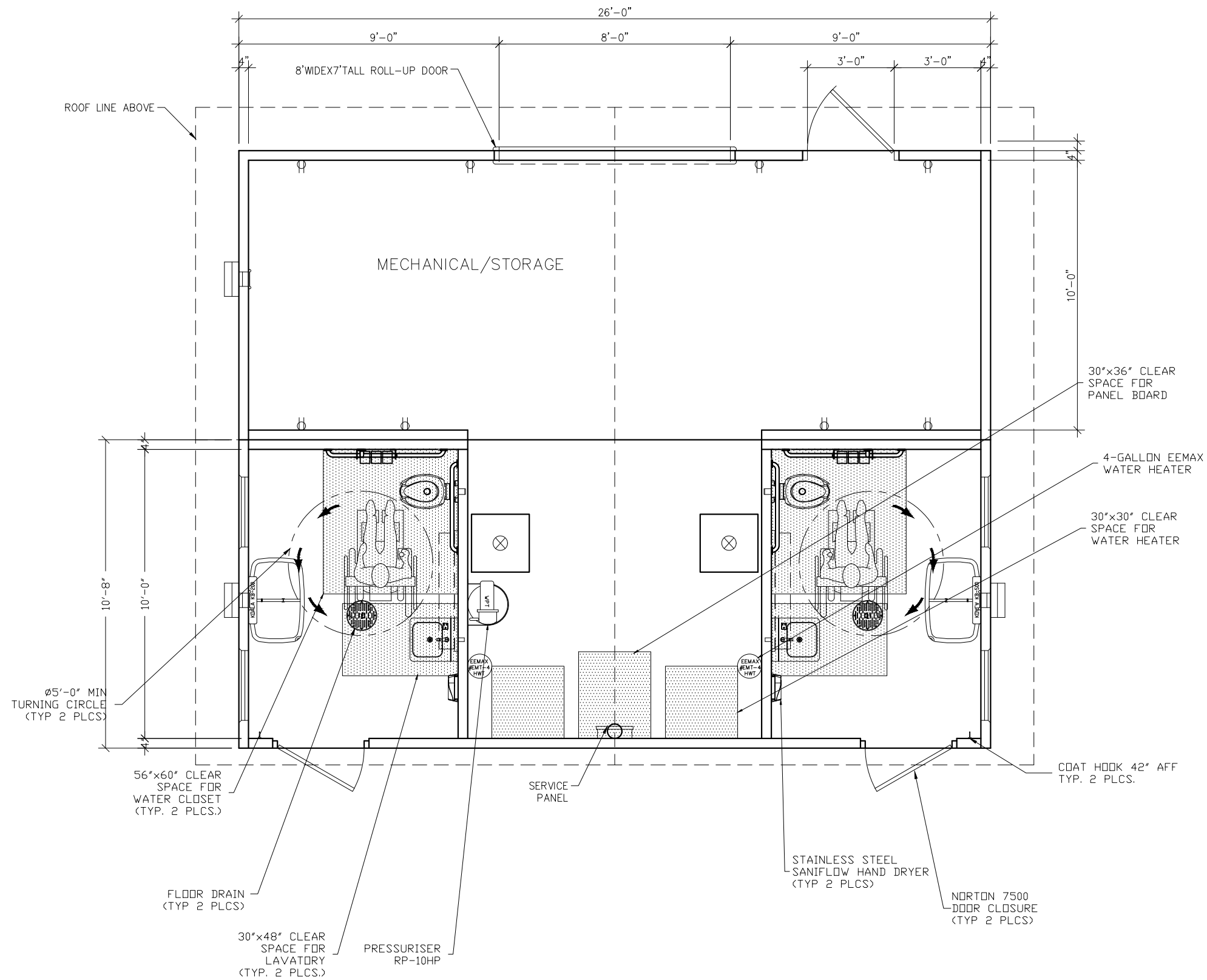
- NOTE:
- ALL SLEEVE MATERIAL PER IRRIGATION SCHEDULE, SIZE AS NOTED ON PLAN.
 - INSTALL SLEEVES IN SIDE-BY-SIDE CONFIGURATION WHERE MULTIPLE SLEEVES ARE TO BE INSTALLED. SPACE SLEEVES 4" TO 6" APART. DO NOT STACK SLEEVES VERTICALLY.
 - CONTRACTOR TO COORDINATE WITH FLATWORK INSTALLER TO BRAND A "V" IN SIDEWALK OR CURB AT BOTH ENDS OF SLEEVE CROSSING.
 - SLEEVE THROUGH OR UNDER RETAINING WALLS, PLANTER WALLS, FOND LINING, OR WATER QUALITY AREAS SHALL BE COORDINATED WITH CIVIL WORK AT APPROXIMATE LOCATIONS SHOWN.
 - AN INDIVIDUAL SLEEVE SHALL CONTAIN NO MORE THAN ONE PIPE OR WIRE BUNDLE.

IRRIGATION SLEEVING TYPICAL

13

DIRECTORY

IRRIGATION SCHEDULE	IR1.0
IRRIGATION NOTES	IR1.0
IRRIGATION PLANS	IR2.0
IRRIGATION DETAILS	IR3.0-IR3.1



NOTE: ELECTRICAL AND PLUMBING COMPONENTS ARE SHOWN FOR GENERAL ARRANGEMENT ONLY. SEE SHEETS DK-20 THRU DK-24 FOR COMPLETE SYSTEM DESCRIPTIONS.

LB Foster
CXT® Products

6707 E. Flamingo Ave. Bldg 300, Nampa, ID 83687
901 N. Highway 77 Hulsboro, TX 76645
362 Waverly Road Williamstown, WV 26187

PROJECT TITLE
DAKOTA
BUILDING NUMBER 22-075P rev 2

NOTICE
The information contained herein is proprietary and the exclusive property of CXT Incorporated. The information may only be used by the original recipient for the purpose intended. Reproduction or distribution of this information is strictly prohibited without the prior written consent of CXT Incorporated. By allowing use of this information, CXT Incorporated grants no warranty, express or implied, including a warranty of merchantability or of fitness for a particular purpose.

CXT Incorporated			
REV.	DESCRIPTION	APPROVAL	DATE
2	ADD PRESSURIZER		11/28/22
1	REVISE FLOOR PLAN LAYOUT		11/3/22
SCALE	DATE	FILE NO.	11/3/22
DRAWN	M. TOLMAN	22-075	
CHECKED		PLOT	

FLOOR PLAN		
DWG NO.	SHEET	REV.
DK-03	25	2



CXT® Precast Concrete Products manufactures restroom, shower and concession buildings in multiple designs, textures and colors. The roof and walls are fabricated with high strength precast concrete to meet all local building codes and textured to match local architectural details. All CXT buildings are designed to meet A.D.A. and to withstand heavy snow, high wind and category E seismic loads. All concrete construction also makes the buildings easy to maintain and withstand the rigors of vandalism. The buildings are prefabricated and delivered complete and ready-to-use, including plumbing and electrical where applicable. With thousands of satisfied customers nationwide, CXT is the leader in prefabricated concrete restrooms.

1. ORDERING ADDRESS(ES): CXT Precast Concrete Products, 606 N. Pines Road, Suite 202, Spokane Valley, WA 99206

2. ORDERING PROCEDURES: Fax 509-928-8270

3. PAYMENT ADDRESS(ES):

Remitting by check:

CXT, Inc., PO Box 676208, Dallas, TX 75267-6208

Remitting by ACH or wire transfer:

Beneficiary: CXT, Inc.

Beneficiary Bank: PNC Bank, Pittsburgh, PA

Account: 1077766885 ABA/Routing: 043000096

Email remittance details to AR@lbfoster.com

4. WARRANTY PROVISIONS: CXT provides a one (1) year warranty. The warranty is valid only when concrete is used within the specified loadings. Furthermore, said warranty includes only the related material necessary for the construction and fabrication of said concrete components. All other non-concrete components will carry a one (1) year warranty. CXT warrants that all goods sold pursuant hereto will, when delivered, conform to specifications set forth above. Goods shall be deemed accepted and meeting specifications unless notice identifying the nature of any non-conformity is provided to CXT in writing within the specified warranty. CXT, at its option, will repair or replace the goods or issue credit for the customer provided CXT is first given the opportunity to inspect such goods. It is specifically understood that CXT's obligation hereunder is for credit, repair or replacement only, F.O.B. CXT's manufacturing plants, and does not include shipping, handling, installation or other incidental or consequential costs unless otherwise agreed to in writing by CXT.

This warranty shall not apply to:

1. Any goods which have been repaired or altered without CXT's express written consent, in such a way as in the reasonable judgment of CXT, to adversely affect the stability or reliability thereof;

2. To any goods which have been subject to misuse, negligence, acts of God or accidents; or

3. To any goods which have not been installed to manufacturer's specifications and guidelines, improperly maintained, or used outside of the specifications for which such goods were designed.

5. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE): All prices subject to the "Conditions of Sale" listed on the CXT quotation form.

Customers are responsible for marking exact location building is to be set; providing clear and level site, free of overhead and/or underground obstructions; and providing site accessible to normal highway trucks and sufficient area for the crane to install and other equipment to perform the contract requirements. Customer shall provide notice in writing of low bridges, roadway width or grade, unimproved roads or any other possible obstacles to access. CXT reserves the right to charge the customer for additional costs incurred for special equipment required to perform delivery and installation. Customers will negotiate installation on a project-

by-project basis, which shall be priced as separate line items. For more information regarding installation and truck turning radius guidelines please see our website at <http://www.cxtinc.com>.

In the event delivery of the building/s ordered is/are not completed within 30 days of the agreed to schedule through no fault of CXT, an invoice for the full contract value (excluding shipping and installation costs) will be submitted for payment. Delivery and installation charges will be invoiced at the time of delivery and installation.

Should the delivery and installation costs increase due to changes in the delivery period, this increase will be added to the price originally quoted, and will be subject to the contract payment terms.

In the event that the delivery is delayed more than 90 days after the agreed to schedule and through no fault of CXT, then in addition to the remedies above, a storage fee of 1-1/2% of contract price per month or any part of any month will be charged.

****Customer is responsible for all local permits and fees.**

6. DELIVERY CHARGE: All prices F.O.B. origin prepaid and added to invoice. CXT operates three (3) manufacturing plants in the United States and will deliver from the closest location on our carriers.

7. PAYMENT TERMS: All orders are cash in advance. At CXT's discretion, credit may be given after approval of credit application. Payment to CXT by the purchaser of any approved credit amount is net 30 days after submission of invoice to purchaser. Interest at a rate equal to the lower of (i) the highest rate permitted by law; or (ii) 1.5% per month will be charged monthly on all unpaid invoices beginning with the 35th day (includes five (5) day grace period) from the date of the invoice. Under no circumstance can retention be taken. If CXT initiates legal proceeding to collect any unpaid amount, purchaser shall be liable for all of CXT's costs, expenses and attorneys' fees and costs of any appeal.

8. LIMITATION OF REMEDIES: In the event of any breach of any obligations hereunder; breach of any warranty regarding the goods, or any negligent act or omission of any party, the parties agree to submit all claims to binding arbitration. Any settlement reached shall include all reasonable costs including attorney fees. In no event shall CXT be subject to or liable for any incidental or consequential damages. Without limitation on the foregoing, in no event shall CXT be liable for damages in excess of the purchase price of the goods herein offered.

9. DELIVERY INFORMATION: All prices F.O.B. origin prepaid and added to invoice. CXT operates three (3) manufacturing plants in the United States and will deliver from the closest location on our carriers. Use the information below to determine the origin:

- F.O.B. 6701 E. Flamingo Avenue, Building 300, Nampa, ID 83687 applies to: AK, CA, HI, ID, MT, ND, NV, OR, SD, UT, WA, WY.

- F.O.B. 901 North Highway 77, Hillsboro, TX 76645 applies to AR, AZ, CO, IA, KS, LA, MN, MO, MS, NE, NM, OK, TX.

- F.O.B. 362 Waverly Road, Williamstown, WV 26183 applies to AL, CT, DE, FL, GA, IL, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, PR, RI, SC, TN, VA, VT, WI, WV.

- Prices exclude all federal/state/local taxes. Tax will be charged where applicable if customer is unable to provide proof of exemption.

SANTIAGO

Custom building where you can match sections to meet your needs. Sections include restroom, shower, concession, storage, and combination configurations. Standard features include simulated barnwood textured walls, simulated cedar shake textured roof, vitreous china fixtures, interior and exterior lights, off loaded, and set up at site.



CXT
800.696.5766
cxtinc.com

Sections

Restroom* \$83,493.90	Qty: = \$ 0.00	Shower* \$99,180.00	Qty: = \$ 0.00
Family Assist Restroom* \$83,493.90	Qty: 1 = \$ 83,493.90	Concession* \$93,960.00	Qty: = \$ 0.00
Family Assist Shower* \$93,933.90	Qty: = \$ 0.00	Multiuser Room \$76,159.80	Qty: 1 = \$ 76,159.80
*Includes 4-gallon water heater.		Total Sections	\$ 159,653.70

Added Cost Options

		Price per unit	Click to select	
Final Connection to Utilities (per section)		\$ 5,000.00	☐	0.00
Optional Wall Texture (per section) - choose one	☐ Split Face Block (\$5,500) ☐ Stone (\$7,000)		Reset Wall Texture	0.00
Optional Roof Texture (per section)	☐ Ribbed Metal	\$ 4,000.00		0.00
Porch/Wing Wall		\$ 73,575.90	☐	0.00
Insulation and Heaters (per section)		\$ 19,500.00	☐	0.00
Stainless Steel Water Closet (each)	Qty:	\$ 1,750.00		0.00
Stainless Steel Lavatory (each)	Qty:	\$ 1,500.00		0.00
Stainless Steel Urinal (each)	Qty:	\$ 1,500.00		0.00
Electric Hand Dryer (each)	Qty:	\$ 700.00		0.00
Electronic Flush Valve (each)	Qty:	\$ 1,500.00		0.00
Electronic Lavatory Faucet (each)	Qty:	\$ 1,500.00		0.00
Electronic Urinal Flush Valve (each)	Qty:	\$ 1,500.00		0.00
Paper Towel Dispenser (each)	Qty:	\$ 350.00		0.00
Toilet Seat Cover Dispenser (each)	Qty:	\$ 350.00		0.00
Sanitary Napkin Disposal Receptacle (each)	Qty:	\$ 100.00		0.00
Baby Changing Table (each)	Qty:	\$ 750.00		0.00
Skylight in Restroom (each)	Qty:	\$ 1,600.00		0.00
Marine Grade Skylight in Restroom (each)	Qty:	\$ 2,450.00		0.00
Marine Package (excluding fiberglass doors and frames) (per section)		\$ 2,350.00	☐	0.00
Exterior Mounted ADA Drinking Fountain w/Cane Skirt (each)	Qty:	\$ 5,600.00	☐	0.00
2K Anti-Graffiti Coating (per section)		\$ 4,000.00	☐	0.00
Optional Door Closure (each)	Qty:	\$ 700.00	☐	0.00
Fiberglass Entry and Chase Doors and Frames (each)	Qty:	\$ 3,300.00		0.00
Timed Electric Lock System (does not include chase door) (each)	Qty:	\$ 1,350.00		0.00
Exterior Frostproof Hose Bib with Box (each)	Qty: 1	\$ 1,200.00	☒	1,200.00

Total for Added Cost Options: \$ 1,200.00

Custom Options: Xtra Crane--8 hr min(6,500), Custom Options (Details Note section below)(18,031) \$ 24,513.00

Engineering and State Fees: \$ 3,800.00

Estimated One-Way Transportation Costs to Site (quote): \$ 45,650.00

Estimated Tax: \$

Total Cost per Unit Placed at Job Site: \$ 234,816.70



Estimated monthly payment on 5 year lease \$4,719.82

Disclaimer: Please call to confirm selected sections are compatible.

This price quote is good for 60 days from date below, and is accurate and complete.

CXT Sales Representative

Date

I accept this quote. Please process this order.

Company Name

Company Representative

Date

OPTIONS

Exterior Color(s) (For single color mark an X. For two-tone combinations use W = Walls and R = Roof.)

☐ Amber Rose	☐ Berry Mauve	☐ Buckskin	☐ Cappuccino Cream
☐ Charcoal Grey	☐ Coca Milk	☐ Evergreen	☐ Georgia Brick
☐ Golden Beige	☐ Granite Rock	☐ Hunter Green	☐ Java Brown
☐ Liberty Tan	☐ Malibu Taupe	☐ Mocha Caramel	☐ Natural Honey
☐ Nuss Brown	☐ Oatmeal Buff	☐ Pueblo Gold	☐ Raven Black
☐ Rich Earth	☐ Rosewood	☐ Sage Green	☐ Salsa Red
☐ Sand Beige	☐ Sun Bronze	☐ Toasted Almond	☐ Western Wheat

Special roof color # _____

Special wall color # _____

Special trim color # _____

Rock Color

☐ Basalt

☐ Mountain Blend

☐ Natural Grey

☐ Romana

Roof Texture

☐ Cedar Shake

☐ Ribbed Metal

Wall Texture(s) (For single color mark an X. For top and bottom textures use T = Top and B = Bottom.)

☐ Barnwood	☐ Horizontal Lap
☐ Split Face Block	☐ Board & Batt
☐ Stucco/Skip Trowel	☐ Brick

Can only be used as bottom texture

☐ Napa Valley Rock	☐ River Rock
☐ Flagstone	

(Textures not included in CXT's quote are additional cost.)

Door Opener

☐ Non-locking ADA Handle

☒ Privacy ADA Latch

☐ Pull Handle/Push Plate

Deadbolt ☐

Accessible Signage

☐ Men

☐ Women

☒ Unisex

Toilet Paper Holder

☐ 2-Roll Stainless Steel

☒ 3-Roll Stainless Steel

Notes: Custom Options--ARP10HP Pressurizer(\$5,450), 8' Roll up Door (\$11,231), Blockouts for Splashpad Equipment--(1,350)

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800.696.5766

CXT
Page 112 of 150

SPECIFICATIONS FOR CONSTRUCTION

1 GENERAL NOTES

- 1.1 THESE DESIGN DOCUMENTS WERE PREPARED BY 'VORTEX AQUATIC STRUCTURES INTERNATIONAL' FOR THE USE OF THEIR CLIENT ONLY. THE MATERIAL USED AND IDENTIFIED IN THEM REFLECTS VORTEX AQUATIC STRUCTURES INTERNATIONAL'S BEST JUDGMENT IN LIGHT OF THE INFORMATION AVAILABLE AT THE TIME OF PREPARATION. FOR THE PURPOSE OF THESE DESIGN DOCUMENTS, 'VORTEX AQUATIC STRUCTURES INTERNATIONAL' IS SYNONYMOUS WITH 'VORTEX'.
- 1.2 VORTEX ACCEPTS NO RESPONSIBILITY FOR DAMAGES, IF ANY, SUFFERED BY ANY THIRD PARTY AS A RESULT OF DECISIONS MADE OR ACTIONS BASED ON THESE DESIGN DOCUMENTS WITHOUT THE PREVIOUS CONSULTATION TO VORTEX.
- 1.3 ALL WORK, MATERIALS AND THEIR ASSEMBLIES SHALL CONFORM TO THE STANDARDS, REGULATIONS AND CODES CURRENTLY IN FORCE FOR ALL TRADES, AISC, ACNOR, EN, OR IBC.
- 1.4 THESE DESIGN DOCUMENTS DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION. WHEN APPLICABLE, THE CONTRACTORS SHALL SUPERVISE AND DIRECT ALL THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES AND SEQUENCES AS PER STANDARD BEST PRACTICES.
- 1.5 DO NOT SCALE DRAWINGS.
- 1.6 USE ONLY THOSE MARKED "ISSUED FOR CONSTRUCTION".
- 1.7 THE CONTRACTOR SHALL REVIEW THESE DESIGN DOCUMENTS AND REPORT ANY CONFLICTS OR OMISSIONS TO THE VORTEX IMMEDIATELY.
- 1.8 TEMPORARY SUPPORTS, WHICH WILL BE REQUIRED DURING CONSTRUCTION, SUCH AS FORMWORK, BRACING, SHORING, ETC. ARE NOT SHOWN ON THESE DRAWINGS AND ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL SAFE CONSTRUCTION PROCEDURES ARE FOLLOWED.
- 1.9 THE FOLLOWING SPECIFICATIONS ARE VORTEX'S MINIMUM RECOMMENDATIONS TO OBTAIN A QUALITY PRODUCT. THE CONTRACTOR SHALL FOLLOW THE LOCAL CODES IF MORE RESTRICTIVE.
- 1.10 ALL SEEFLOW COMPONENTS TO BE SNUG-TIGHT ONLY. USING POWER TOOLS OR TIGHTEN HARDWARE FULLY-TENSIONED CAN PRODUCE CRACKING ON THE PLASTIC.

2 EXCAVATION

- 2.1 ANY SHORING OR TEMPORARY SHORING NOT SHOWN ON DRAWINGS WILL BE EXECUTED, IN A SAFE MANNER, BY THE GENERAL CONTRACTOR.
- 2.2 IT IS THE RESPONSIBILITY OF OTHERS TO VERIFY THE EXISTENCE OF ANY UNDERGROUND SERVICES ETC.
- 2.3 IF AVAILABLE, REFER TO SOIL REPORT FOR BACKFILL REQUIREMENTS. ALL BACKFILL (FOR SLAB ON GRADE, ETC.) MUST BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF A QUALIFIED PROFESSIONAL. USE ONLY FREE DRAINING, GRANULAR, MINERAL, INERT AND NON- REACTIVE FILL.

3 FOUNDATIONS

- 3.1 REFER TO SOIL REPORT FOR RECOMMENDATIONS.
- 3.2 ALL FOOTINGS SHALL REST ON A HOMOGENEOUS LAYER OF UNDISTURBED SOIL OR ENGINEERED BACKFILL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 100KPA (2000 PSF) AND MAXIMUM DIFFERENTIAL SETTLEMENT OF 0.75" (19mm). ALL ORGANIC MATERIAL SHALL BE REMOVED.
- 3.3 IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE SOIL AT ALL FOOTING LOCATIONS BE VERIFIED BY A QUALIFIED SOILS EXPERT BEFORE POURING FOOTINGS TO ENSURE FOOTINGS REST ON APPROPRIATE STRATA.
- 3.4 WHEN APPLICABLE, FOLLOW GEOTECHNICAL EXPERT RECOMMENDATIONS FOR ALL EXTERIOR FOOTINGS TO ENSURE FROST PROTECTION.

4 CONCRETE

- 4.1 ALL CONCRETE MATERIALS, PROCEDURES, TOLERANCES & WORKMANSHIP SHALL CONFORM TO THE LATEST ISSUES OF ACI-318 AND ACI 317 OR ACNOR CAN3-A23.1 & A23.2, DEPENDING ON PROJECT LOCATION.
- 4.2 CONCRETE THAT HAS BEEN IN THE TRUCKS LONGER THAN 2 HOURS SHALL BE REJECTED. DO NOT ADD WATER TO THE CONCRETE IN THE TRUCKS OR ON THE SITE UNDER ANY CIRCUMSTANCES.
- 4.3 USE MAXIMUM 76mm (3") SLUMP, 19 MM (3/4") AGGREGATE, UNLESS OTHERWISE-NOTED. USE 5-7% AIR ENTRAINMENT FOR CONCRETE EXPOSED TO WEATHER ONLY.
- 4.4 ALL GROUT SHALL BE NON-SHRINK TYPE WITH A MINIMUM 28 DAYS STRENGTH OF 5000 PSI (35.0 MPa). USE 1" (25mm) GROUT UNDER ALL STEEL COLUMN BASE PLATES.
- 4.5 CONCRETE STRENGTH @ 28 DAYS TO BE:
- 4.5.1 FOUNDATIONS (FOOTINGS): 25.0 MPa (3500 PSI), UNLESS OTHERWISE NOTED.
- 4.5.2 INTERIOR SLAB ON GRADE: 25.0 MPa (3500 PSI), UNLESS OTHERWISE NOTED.
- 4.5.3 EXTERIOR SLAB ON GRADE: 28.0 MPa (4000 PSI), UNLESS OTHERWISE NOTED.
- 4.6 MINIMAL RE-BAR COVER:
- 4.6.1 CONCRETE POURED ON-GRADE = 76mm (3") COVER
- 4.6.2 CONCRETE POURED INTO FORMWORK BUT EXPOSED TO SOIL AND WEATHER FOR REBAR 10M (#3) AND UNDER = 50mm (2") COVER

5 REINFORCING STEEL

- 5.1 DEPENDING ON PROJECT LOCATION, ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 (BARS 15m (#4) TO BE GRADE 60 WITH SUPPLEMENTARY REQUIREMENTS ON S1. BARS SMALLER THAN 15M (#4), TO BE GRADE 40); OR TO ACNOR GRADE G30.12 [FY = 400MPa (60,000 PSI), UNLESS OTHERWISE NOTED].
- 5.2 USE CONCRETE, PLASTIC OR STEEL SUPPORT BARS, AS PER ACI (MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES). THE RE-BAR PLACER MUST REMAIN ON-SITE DURING POURS TO VERIFY CORRECT POSITIONING OF RE-BARS. SLANT UPPER REINFORCING STEEL IN LINE WITH THE SLOPE OF THE SLAB, IF APPLICABLE.
- 5.3 BARS SHALL BE SECURELY WIRED PER LATEST EDITION OF CRSI (RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS).
- 5.4 ALL REINFORCING STEEL IS TO BE KEPT CLEAN AND FREE OF MUD, SNOW, ICE, AND ANY CONTAMINANTS.
- 5.5 VERTICAL AND CONTINUOUS REBAR SHALL BE LAPPED TO DEVELOP FULL TENSILE CAPACITY OF THE BAR. FOR 15m (#4) BARS MINIMUM LAP OF 610mm (24").
- 6 EXTERIOR / INTERIOR SLAB ON GRADE
- 6.1 FOLLOW THE GEOTECHNICAL EXPERT RECOMMENDATIONS FOR PREPARATION OF SOIL BEFORE POURING THE CONCRETE. ALL GRANULAR MATERIAL SHALL BE MOISTENED IMMEDIATELY BEFORE POURING THE CONCRETE. WATER AS NEEDED. DO NOT USE A VAPOR BARRIER.
- 6.2 NO TRUCKS ARE PERMITTED ON THE CONSTRUCTION SITE (OF THE SLAB) AFTER THE FINAL COMPACTION, EITHER BEFORE OR DURING, THE POUR.
- 6.3 SLAB TO BE MINIMUM 6" THICK, REINFORCED WITH 10m (#3) @ 300mm (12") C/C REBAR PLACED IN BOTH DIRECTIONS AT MID-HEIGHT OF THE SLAB, UNLESS OTHERWISE NOTED ON PLANS. FOR ELEVATION REQUIREMENT OF THICKENED SLAB, REFER TO ELEVATION INSTALLATION PACKAGE FOR DETAILS.
- 6.4 REFER TO CONCRETE SECTION FOR MINIMUM COMPRESSIVE STRENGTH AND AIR-ENTRAINMENT REQUIREMENTS.
- 6.5 FINISHING WILL BE MEDIUM BROOM.

- 6.6 CONTROL JOINTS (SAW-CUTS) TO BE LOCATED IN EACH DIRECTION, AT REGULAR INTERVALS, WITH A MAXIMUM DISTANCE OF 3m (10'). SHALL BE MINIMUM 3mm (1/8") WIDE AND SHALL PENETRATE THE SLAB TO A MINIMUM DEPTH OF 1/3 OF THE THICKNESS OF THE SLAB. CONTROL JOINTS SHOULD BE DONE AS SOON AS POSSIBLE WITHOUT DAMAGING THE CONCRETE, BUT NO LATER THAN 18 HOURS AFTER POURING.
- 6.7 WHEN POSSIBLE AND TO AVOID SHRINKAGE CRACKING, HUMIDITY SHALL BE MAINTAINED FOR 7 DAYS DURING THE CURING PERIOD OF THE SLAB. WATER AND USE POLYETHYLENE CLOTH OR BAG. THE CONCRETE MUST DRY UNIFORMLY.
- 7 CONCRETE WORK IN COLD OR HOT WEATHER (MINIMUM REQUIREMENTS)
- 7.1 COLD WEATHER REQUIREMENTS APPLY WHEN THE MEAN AIR IS LESS THAN 5 DEGREES CELSIUS (40 DEGREES FAHRENHEIT).
- 7.2 GENERAL REQUIREMENTS FOR COLD WEATHER CONCRETE WORK SHALL BE AS PER ACI 306R-88; OR AS PER THE NBC'S LATEST REQUIREMENTS INCLUDING THE LATEST ISSUE OF CSA STANDARD CAN3-A23.1.
- 7.3 ALL SNOW AND ICE SHALL BE REMOVED FROM FORMS AND REBAR WITH STEAM AND COMPRESSED AIR BEFORE POURING. DO NOT USE DE-ICING SALT (CALCIUM CHLORIDE) OR ANY OTHER SALTS UNDER ANY CIRCUMSTANCES.
- 7.4 CONCRETE SHALL HAVE A MINIMUM TEMPERATURE OF 20 DEGREES CELSIUS AND A MAXIMUM TEMPERATURE OF 25 DEGREES CELSIUS WHILE POURING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THESE REQUIREMENTS ARE SATISFIED. ANY CONCRETE THAT DOES NOT CONFORM MUST BE REJECTED.
- 7.5 THE SURFACE OF POURED CONCRETE SHALL BE PROTECTED BY MEANS OF SUITABLE COVERINGS AND INSULATION (TO BE DETERMINED BY TEMPERATURE) DURING THE CURING PROCESS.
- 7.6 GENERAL REQUIREMENTS FOR HOT WEATHER CONCRETE WORK SHALL BE AS PER ACI 305R-99; OR AS PER LOCAL CODE REQUIREMENTS.

8 PIPING

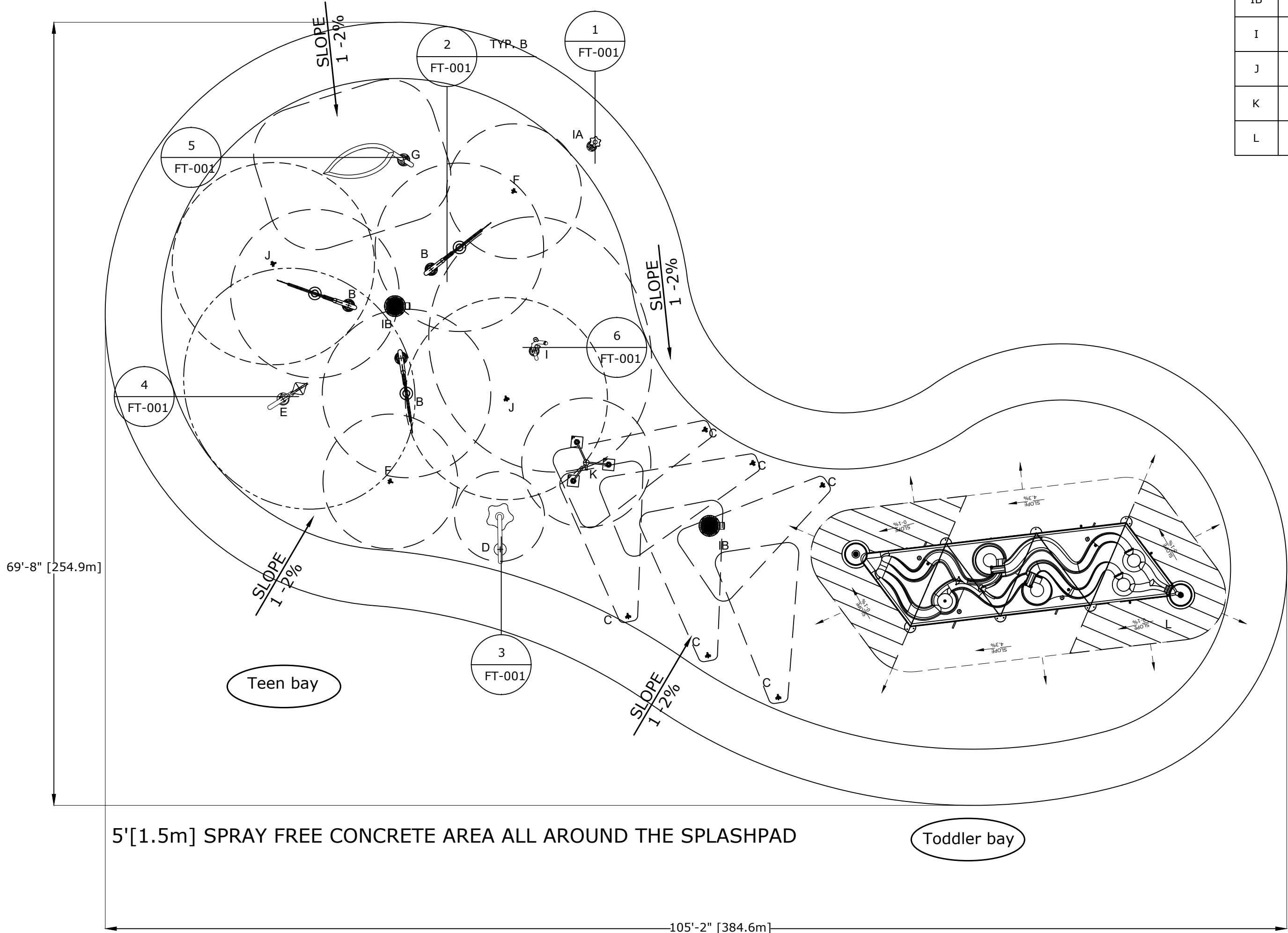
- 8.1 WQMS AND WCS CONFIGURATION ARE SCHEMATIC AND MAY BE MOVED OR ADJUSTED ON SITE BY VORTEX CERTIFIED INSTALLER TO ADJUST FOR SITE CONDITIONS
- 8.2 ANY REQUIRED BACKFLOW DEVICE, WATER METER OR PRESSURE REGULATOR ON THE CITY WATER MAIN IS NOT PROVIDED BY VORTEX.
- 8.3 DISTANCE BETWEEN THE WQMS (PUMPS, MANIFOLD, ETC.) AND THE WATER CONTAINMENT SYSTEM (WCS) SHALL NOT EXCEED 40 FEET.
- 8.4 MAKEUP WATER LINE PRESSURE SHOULD NOT EXCEED 50 PSI AND/OR LOCAL CODE.
- 8.5 ALL PIPE LINES TO FEATURES TO HAVE 1% MINIMUM RECOMMENDED SLOPE FOR PROPER WINTERIZATION.
- 8.6 ALL LINE SIZING (FEATURE CONNECTION TABLE) ASSUMES A MAXIMUM DISTANCE OF 170 FEET BETWEEN THE WATER DISTRIBUTION MANIFOLD AND THE FURTHEST PLAY PRODUCT. DISTANCES ABOVE 170 FEET MAY REQUIRE AN INCREASE IN LINE SIZING. PLEASE CONTACT VORTEX.
- 8.7 THE LINE DIAMETER FROM DRAIN SHALL BE 6" BASED ON THE MAXIMUM APPROXIMATE FLOW AT 1% SLOPE. FINAL LOCATION OF DRAIN AND LINE ROUTING ARE TO BE DETERMINED BY OTHERS.
- 8.8 PRESSURE LINES ARE RECOMMENDED TO BE SCHEDULE 80 PVC OR PEX, AND NON-PRESSURE LINES TO BE SCHEDULE 40, UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- 8.9 DRAINAGE LINES ARE RECOMMENDED TO BE SDR 35, UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- 8.10 CHEMICAL FEED LINES SHALL NOT EXCEED 30 FEET. TUBING PROVIDED BY VORTEX AND INSTALLED BY OTHERS.
- 8.11 PIPING SHOULD BE INSPECTED AFTER TRANSPORTATION FOR CUTS, SCRATCHES, GOUGES OR SPLITS; DAMAGED SECTIONS MUST BE DISCARDED OR CUT OUT.
- 8.12 PIPE SHALL BE INSTALLED BELOW THE FROST LEVEL NOT LESS THAN 12" (ASTM F-645) UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- 8.13 PIPE INSTALLATION MINIMUM COVER SHOULD BE EVALUATED ACCORDING TO ASTM D-2774, UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- 8.14 SPECIAL CONSIDERATIONS SHOULD BE TAKEN FOR THERMAL CONDITIONS, EXPANSION AND CONTRACTIONS DUE TO TEMPERATURE SHOULD BE EVALUATED BEFORE THE INSTALLATION BY THE CONTRACTOR.
- 8.15 4" CHECK VALVE IS OPTIONAL AND RECOMMENDED TO EASE THE MAINTENANCE OF THE Y-STRAINERS. (NOT PROVIDED BY VORTEX)

9 ELECTRICAL

- 9.1 WIRING FROM THE CONTROLLER TO EACH ACTIVATOR SHALL BE #22 AWG. A TOTAL OF FIVE (5) CONDUCTORS PER ACTIVATOR.
- CABLE LENGTH UP TO 246' (75m), PROVIDED BY VORTEX.
- 9.2 ALL CONNECTIONS TO THE CONTROLLER AND OTHER VORTEX ELECTRICAL PANEL SHALL BE PERFORMED USING AN APPROVED NEMA 4X CONNECTOR.
- 9.3 WIRE FROM MAIN POWER TO VORTEX PANEL TO BE DETERMINED BY OTHERS RESPECTING THE LOCAL CODE.
- 9.4 MAINTAIN A MINIMUM CLEARANCE ZONE OF 36" (1m) FRONT OF ELECTRICAL PANEL, UNLESS OTHERWISE REQUESTED BY LOCAL CODE.
- 9.5 USE #8 BARE COPPER BONDING WIRE BETWEEN FEATURES TO A GROUNDING ROD IN THE SOIL, TIED INTO REBAR GRID, OR AS PER LOCAL CODE. SPRAYLINKS FEATURE DO NOT REQUIRE BONDING.
- 9.6 AS PER ELECTRICAL CONSTRUCTION AND SAFETY CODES: CONTROLLER AND ANY OTHER ELECTRICAL ENCLOSURES MUST BE HARD-WIRED TO A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) FROM THE INPUT POWER SOURCE.
- 9.7 ALL ELECTRICAL WORK SHOULD BE PERFORMED BY A LICENCE ELECTRICIAN IN ACCORDANCE TO LOCAL ELECTRICAL CONSTRUCTION AND SAFETY CODES.
- 9.8 THE MAESTROPRO CONTROL PANEL IS POWERED THROUGH A MAESTROPRO POWER BOX.
- 9.9 THE POWER CABLE TO MAESTROPRO POWER BOX IS SUPPLIED BY INSTALLER.
- 9.10 THE MAESTROPRO CONTROL PANEL INTEGRATES 24 DIGITAL OUTPUTS WITH 24 VAC AND 12 DIGITAL INPUTS.
- 9.11 FOR REMOTE ACCESS ABILITY, A HARD CONNECTION TO AN EXISTING NETWORK IS REQUIRED USING A CAT 5 CABLE OR A CELLULAR NANO-SIM CARD WITH DATA-PLAN.

10 SPECIAL NOTE

- 10.1 BY INSTALLER = SPLASHPAD INSTALLER
BY OTHERS = CONTRACTOR
BY OWNER = CITY OF FORT LUPTON



SPLASHPAD INFORMATION

TOTAL AREA : 4209ft² 391m²

SPRAY AREA : 2859ft² 265m²

TOTAL FLOW : 127.5 GPM

PRODUCT LEGEND

REF	PRODUCT	QTY
IA	Activator N°1 VOR 0612	1
B	Custom Oak Tree VOR 8493	3
C	Directional Jet N°1 VOR 0305	6
D	Flower N°1 VOR 7549	1
E	Flower N°7 VOR 7559	1
F	Fountain Spray N°2 VOR 7676	2
G	Leaf N°2 VOR 7657	1
IB	Playsafe Drain N°4 VOR 1004	2
I	Seaweed N3 VOR 7781	1
J	Water Bloom N°1 VOR 0322	2
K	Water Jelly N°3 VOR 7032	1
L	Water Journey - Races VOR 7121	1



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Fort Lupton Community Center Splashpad

Project Location

Fort Lupton, CO

Project Number

30786

Version

VC

21/Feb/2023	Re-Issued for Bid	01	MS
01/Feb/2023	Issued for Bid	00	MS
Date	Revision Description	No.	By

Drawing Title

Spray Zone Layout

Drawn by MS Verified by MAB

Scale 1/8" = 1'-0" Date 21/Feb/2023

Page # A-001

Abbreviations	
A	Architectural
C	Civil Work
P	Plumbing Layout
PD	Plumbing Details
E	Electrical Layout
ED	Electrical Details
FT	Feature Drawings
WJ	Water journey Drawings

1A-001

SPRAY ZONE & FEATURE PLAN

- 5'[1.5M] SPRAY FREE AREA ALL AROUND THE SPLASHPAD
- RECOMMENDED SLOPE: 1-2% TOWARDS DRAINAGE.
- COORDINATE THESE DRAWINGS WITH ARCHITECTURAL , CIVIL, PLUMBING & ELECTRICAL SECTIONS.



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Fort Lupton Community Center Splashpad

Project Location
Fort Lupton, CO

Project Number
30786

Version
VC

01/Feb/2023	Issued for Bid	06	MS
13/Dec/2022	Re-Issued for Approval	05	MS
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26/Oct/2022	Re-Issued for Approval	02	MS
12/Sep/2022	Re-Issued for Approval	01	MS
01/Dec/2021	Issued for Approval	00	YT
Date	Revision Description	No.	By

Drawing Title
Site Layout

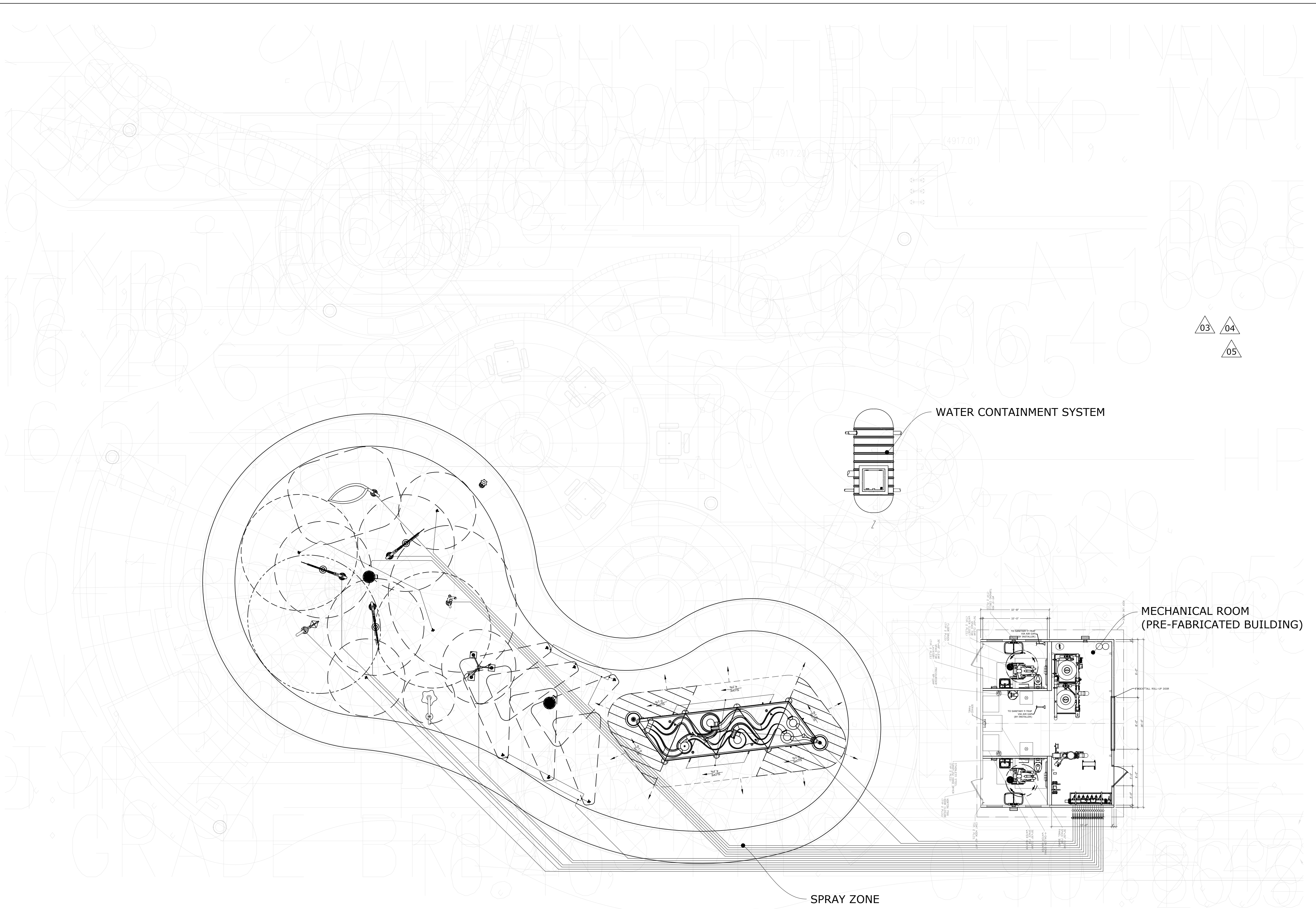
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MAB

Scale
1/8" = 1'-0"

Date
01/Feb/2023

Page #
A-002



REF	PRODUCT	QTY
IA	Activator N°1 VOR 0612	1
B	Custom Oak Tree VOR 8493	3
C	Directional Jet N°1 VOR 0305	6
D	Flower N°1 VOR 7549	1
E	Flower N°7 VOR 7559	1
F	Fountain Spray N°2 VOR 7676	2
G	Leaf N°2 VOR 7657	1
IB	Playsafe Drain N°4 VOR 1004	2
I	Seaweed N3 VOR 7781	1
J	Water Bloom N°1 VOR 0322	2
K	Water Jelly N°3 VOR 7032	1
L	Water Journey - Races VOR 7121	1



1

A-004

ANCHOR PLAN

1. REFER TO SPECIFICATIONS ON A-001
2. COORDINATE THESE DRAWINGS WITH
ARCHITECTURAL, CIVIL, PLUMBING & ELECTRICAL SECTIONS.



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Fort Lupton Community Center Splashpad

Project Location
Fort Lupton, CO

Project Number
30786

Version
VC

01/Feb/2023	Issued for Bid	00	MS
Date	Revision Description	No.	By

Drawing Title
Anchor Plan

Drawn by MS	Verified by MAB
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Scale 3/16" = 1'-0"	Date 01/Feb/2023
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Page #
A-004



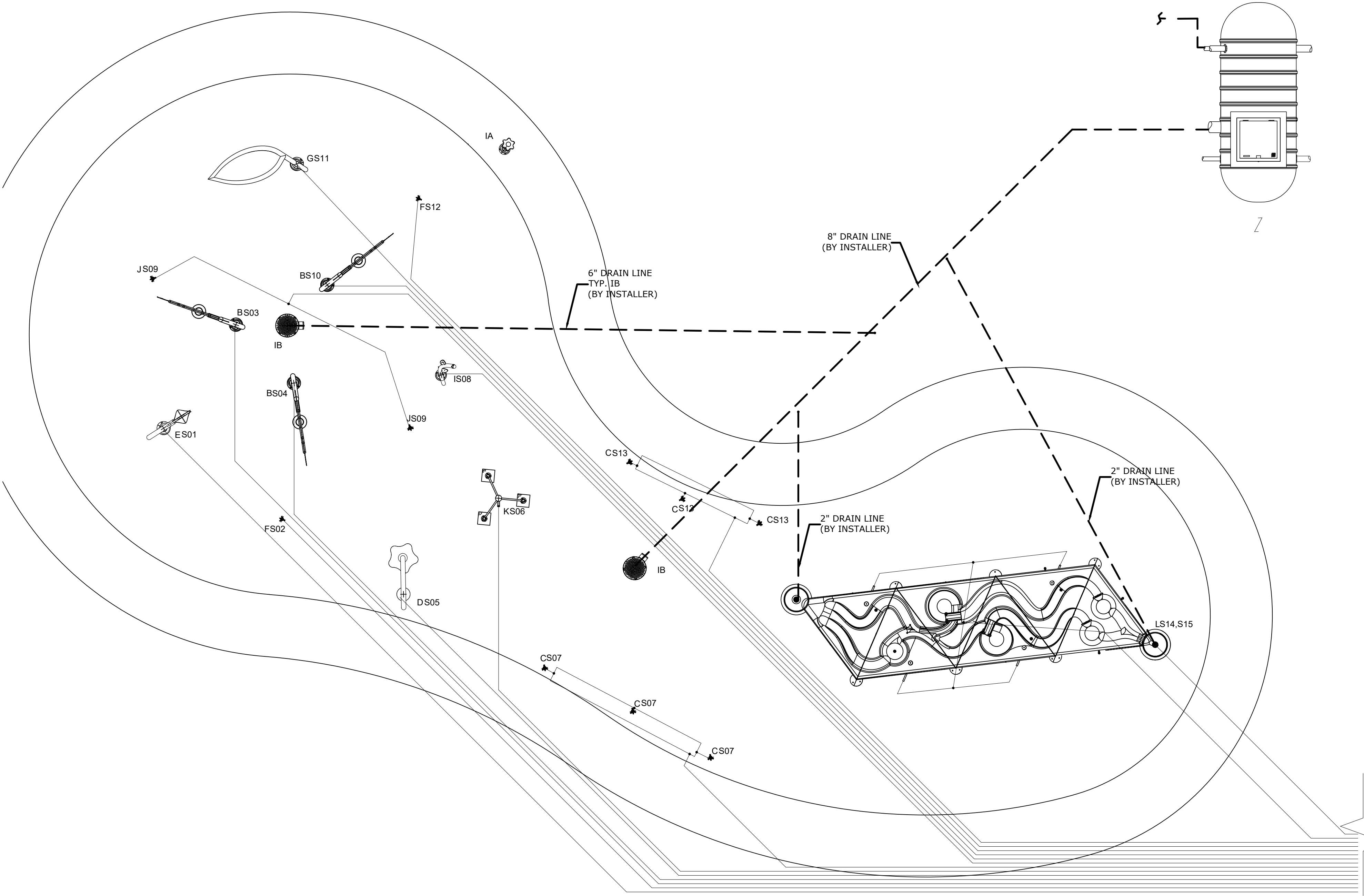
Fort Lupton Community Center Splashpad

C-001

Page 117 of 15

Feature Connection Table						
Manifold Output Ref.	Solenoid Valve	Feature Ref.	Feature Ref.	Qty	Line Size	Gpm
S01	1 1/2" Std	E	Flower N°7 VOR 7559	1	1 1/2"	4
S02	1 1/2" Std	F	Fountain Spray N°2 VOR 7676	1	1 1/2"	3
S03	1 1/2" Std	B	Custom Oak Tree VOR 8493	1	1 1/2"	11.5
S04	1 1/2" Std	B	Custom Oak Tree VOR 8493	1	1 1/2"	11.5
S05	1 1/2" Std	D	Flower N°1 VOR 7549	1	1 1/2"	15
S06	1 1/2" Std	K	Water Jelly N°3 VOR 7032	1	1 1/2"	17.5
S07	1 1/2" Std	C	Directional Jet N°1 VOR 0305	3	1 1/2"	6
S08	1 1/2" Std	I	Seaweed No.3 VOR 7781	1	1 1/2"	5.5
S09	1 1/2" Std	J	Water Bloom N°1 VOR 0322	2	1 1/2"	18
S10	1 1/2" Std	B	Custom Oak Tree VOR 8493	1	1 1/2"	11.5
S11	1 1/2" Std	G	Leaf N°2 VOR 7657	1	1 1/2"	5.5
S12	1 1/2" Std	F	Fountain Spray N°2 VOR 7676	1	1 1/2"	3
S13	1 1/2" Std	C	Directional Jet N°1 VOR 0305	3	1 1/2"	6
S14	1 1/2" Std	L	Water Journey - Races VOR 7121	1	1 1/2"	2
S15	1 1/2" Std		Water Journey-Press & Flow VOR 7138	1	1 1/2"	7.5

Product Legend		
Product Ref.	Product	Qty
IA	Bollard Activator No1 VOR-612	1
IB	Playsafe Drain N°1 VOR-1001.4000	2



1
P-001

PLUMBING LAYOUT

1. REFER TO SPECIFICATIONS ON A-001
2. COORDINATE THESE DRAWINGS WITH
ARCHITECTURAL, CIVIL, PLUMBING & ELECTRICAL SECTIONS.

WATER LINE

DRAIN LINE



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Fort Lupton Community Center Splashpad

Project Location
Fort Lupton, CO

Project Number
30786

Version
VC

01/Feb/2023	Issued for Bid	00	MS
Date	Revision Description	No.	By

Drawing Title

Plumbing Layout

Drawn by MS	Verified by MAB
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Scale 3/16"=1'-0"	Date 01/Feb/2023
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Page # P-001

Product Connection Table						
Product Ref (Start Point)	Product	Product Connection Ref. (Connection Size)	Product Ref. (Termination Point)	Product	Product Connection Ref. (Connection Size)	Line Ref. (Size)
IG-H2	Water Containment System (3000G) VOR-5311.0000	Feature Pump Suction (6" Slip M.ASTM)	IC	Feature Pump Module VOR-33920.0020	Effluent (6" Slip M.ASTM)	LR1 (6")
IC	Feature Pump Module VOR-33920.0020	Effluent (4" Slip M.ASTM)	IH1	Purify Module Reactor VOR-44200.0030	Influent (4" Slip F.ASTM)	LR2 (4")
IH1	Purify Module Reactor VOR-44200.0030	Effluent (4" Slip F.ASTM)	IF	Manifold Module VOR- 33921.0050	Influent (4" Slip M.ASTM)	LR3 (4")
IF	Manifold Module VOR- 33921.0050	Effluent (3" Slip M.ASTM)	IG-H3	Water Containment System (3000G) VOR-5311.0000	Bypass (3" FNPT)	LR4 (3")
IB	Playsafe Drain N°4 VOR-1004	Gasket Connection (6")	IG-H1	Water Containment System (3000G) VOR-5311.0000	Main Drain Return (10" Slip M.ASTM)	LR5 (8")
IG-H4	Water Containment System (3000G) VOR-5311.0000	Effluent (4" FNPT)	IE1	Filtration Module VOR-33927.0265	Influent (6" Slip M.ASTM)	LR6 (4")
IE1	Filtration Module VOR-33927.0265	Effluent (4" Slip M.ASTM)	IG-H5	Water Containment System (3000G) VOR-5311.0000	Filter Return (3" FNPT)	LR7 (3")
IE1	Filtration Module VOR-33927.0265	Effluent (3" Slip M.ASTM)	To Sanitary	-----	N/A	2 X LR8 (3")
City Water Line	-----	N/A	IG-H6	Water Containment System (3000G) VOR-5311.0000	Fresh Water (1" FNPT)	LR9 (3/4")
IG-H7	Water Containment System (3000G) VOR-5311.0000	Overflow (4" Slip)	To Sanitary	-----	N/A	LR10 (4")

Product Legend		
Product Ref.	Product	Qty
IE2	Pulsar Chlorinator VOR-33927.0265	1
IH3	Flow Meter Ensure to Respect Minimum Straight Pipe Length of 28" (Installed by Installer)	1
II	CO2 (by other)	2

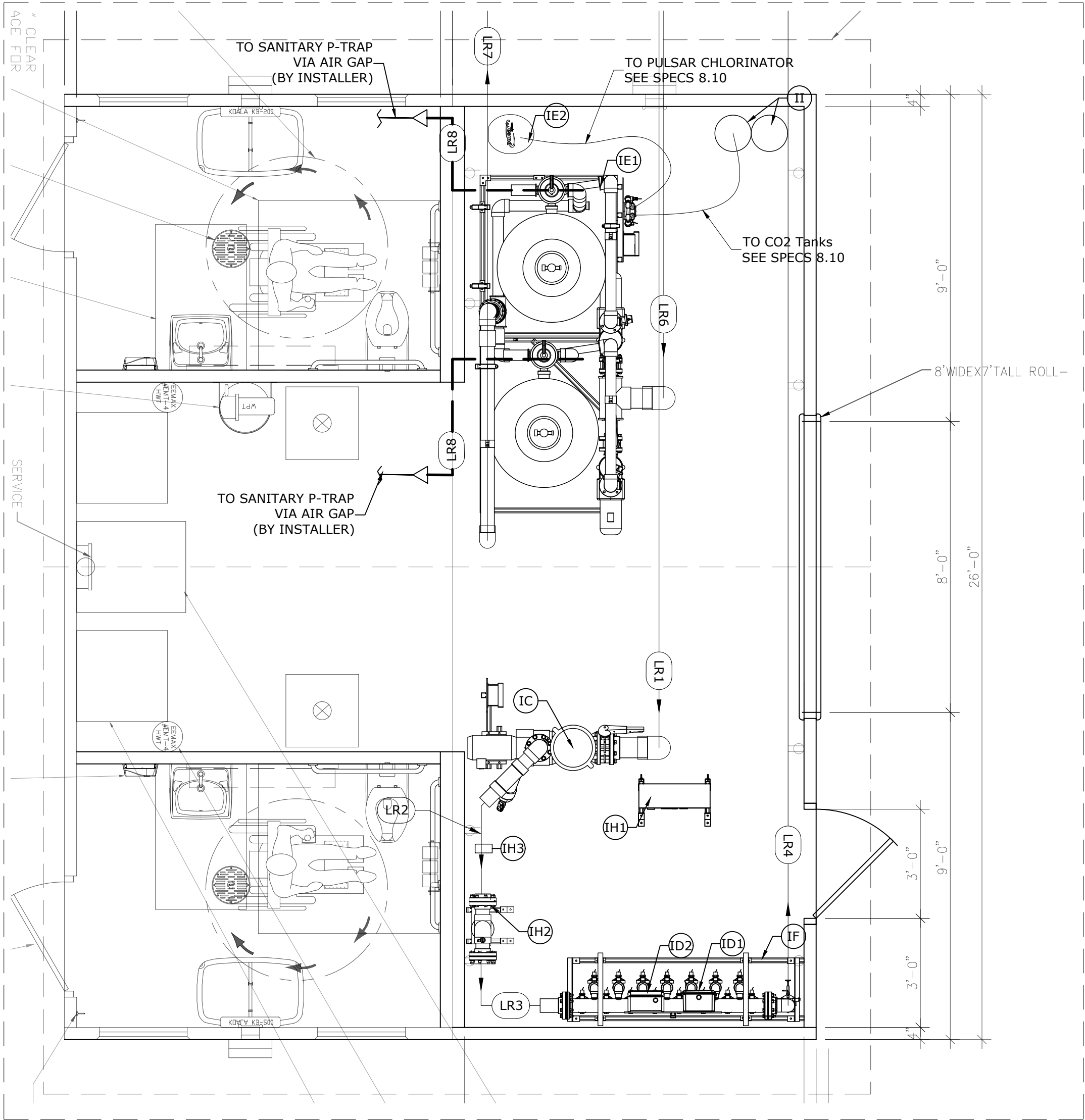
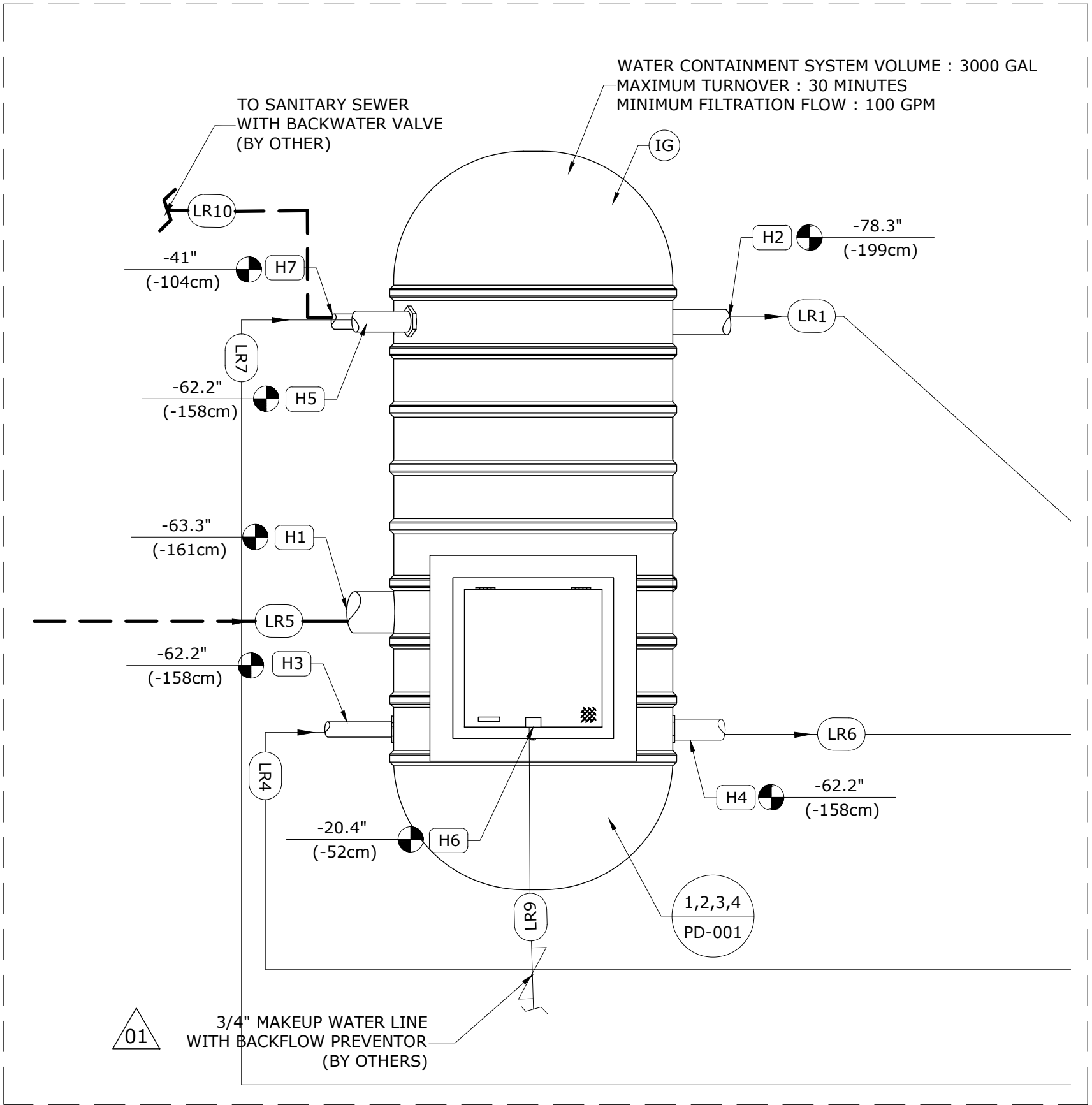
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P-002

PLUMBING LAYOUT

1. REFER TO SPECIFICATIONS ON A-001
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WATER LINE

DRAIN LINE



VORTEX

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Fort Lupton Community Center Splashpad

Project Location
Fort Lupton, CO

Project Number
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Version
VC

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Date	Revision Description	No.	By

Drawing Title
Plumbing Layout

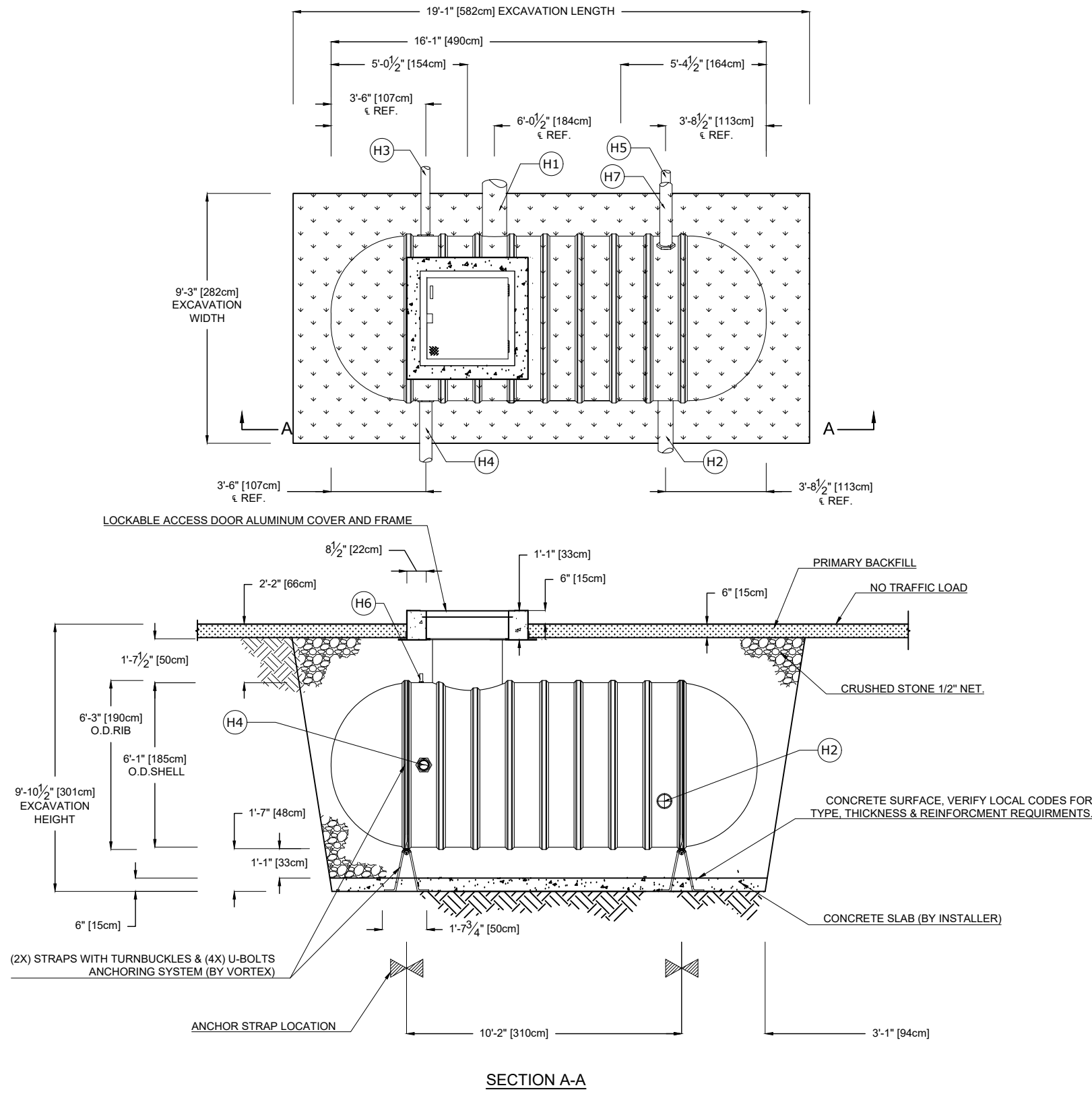
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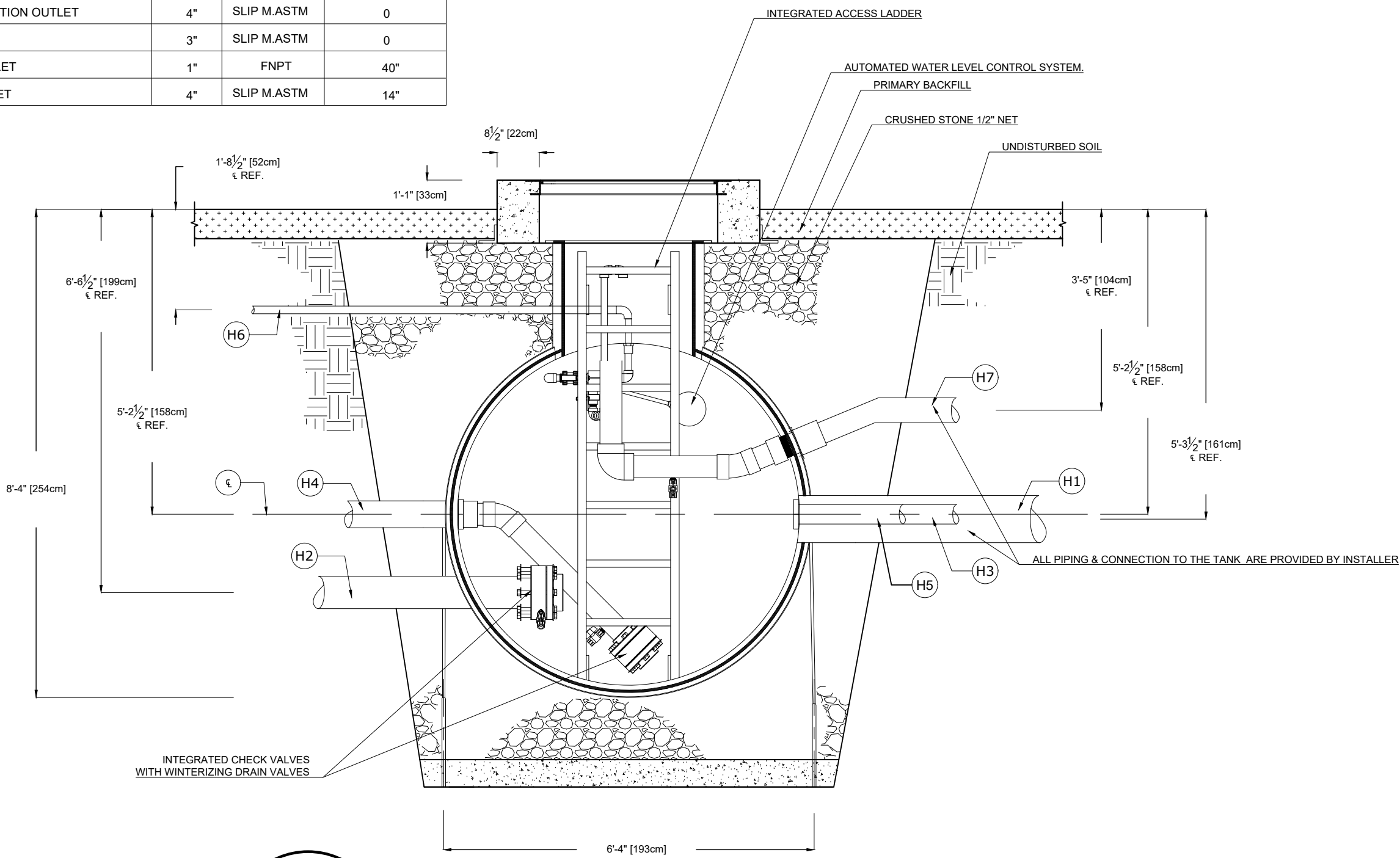
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Page #
P-002



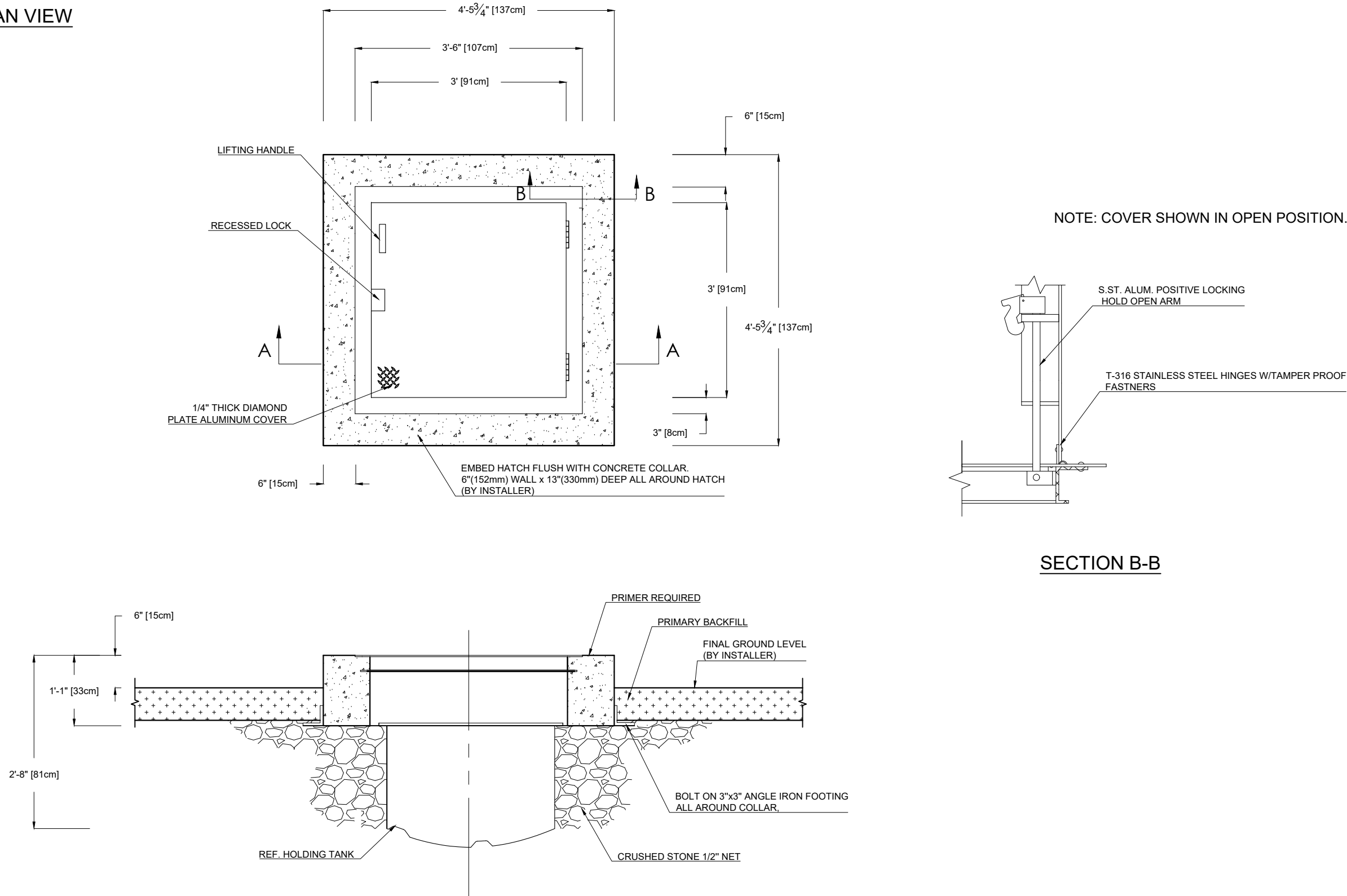
1 Water Containment System 3000G
PD-001 VOR-5311.0000R07

LINE	DESCRIPTION	SIZE	TYPE	HEIGHT FROM C/L
H 1	MAIN DRAIN RETURN	10"	SLIP M.ASTM	-1"
H 2	PLAY PRODUCT PUMP SUCTION OUTLET	6"	SLIP M.ASTM	-16"
H 3	BYPASS RETURN	3"	SLIP M.ASTM	0
H 4	FILTER PUMP SUCTION OUTLET	4"	SLIP M.ASTM	0
H 5	FILTER RETURN	3"	SLIP M.ASTM	0
H 6	FRESH WATER INLET	1"	FNPT	40"
H 7	OVERFLOW OUTLET	4"	SLIP M.ASTM	14"



2 Water Containment System 3000G
PD-001 VOR-5311.0000R07

PLAN VIEW



3 Water Containment System 3000G
PD-001 VOR-5311.0000R07

The 3000-gallon tank shall be a pre-fabricated unit designed to safely store the water used for the facility. The tank shall be pre-assembled at the factory and shall include the following connections: one 10" inlet for main drain, one 6" feature pump suction outlet , one 3" bypass return inlet, one 4" filtration pump suction outlet, one 3" filtration return inlet, one 1" inlet for freshwater and one 4" outlet for overflow/discharge. The tank shall also include a water level detection system and one access hatch with a ladder. It shall have the following characteristics:

- Tank**
- 3000 gallon capacity
 - Fiberglass
 - Single wall
 - Ø 75", ~193" long
 - Fiberglass ladder included
- Anchor**
- Anchoring straps with hardware
 - U-bolt type embedded in concrete
- Access hatch**
- Aluminum access hatch
 - Hinged and pad-locked, with aluminum frame and SS hardware
- Level control**
- Float valve connected to make up water line
 - Polypropylene anti corrosion valve
 - Inlet size 1", outlet size 1"
 - Maximum working pressure 50 psi
- Inlets**
- 10" inlet for main drain
 - 3" inlet for bypass return
 - 3" inlet for filtration return
 - 1" inlet for freshwater
- Outlets**
- 6" outlet for feature pump
 - 4" outlet for filtration pump
 - 4" outlet for overflow / discharge

4 Water Containment System 3000G
PD-001 VOR-5311.0000R07



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Fort Lupton Community Center
Splashpad

Project Location
Fort Lupton, CO

Project Number
30786

Version
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Date	Revision Description	No.	By

Drawing Title

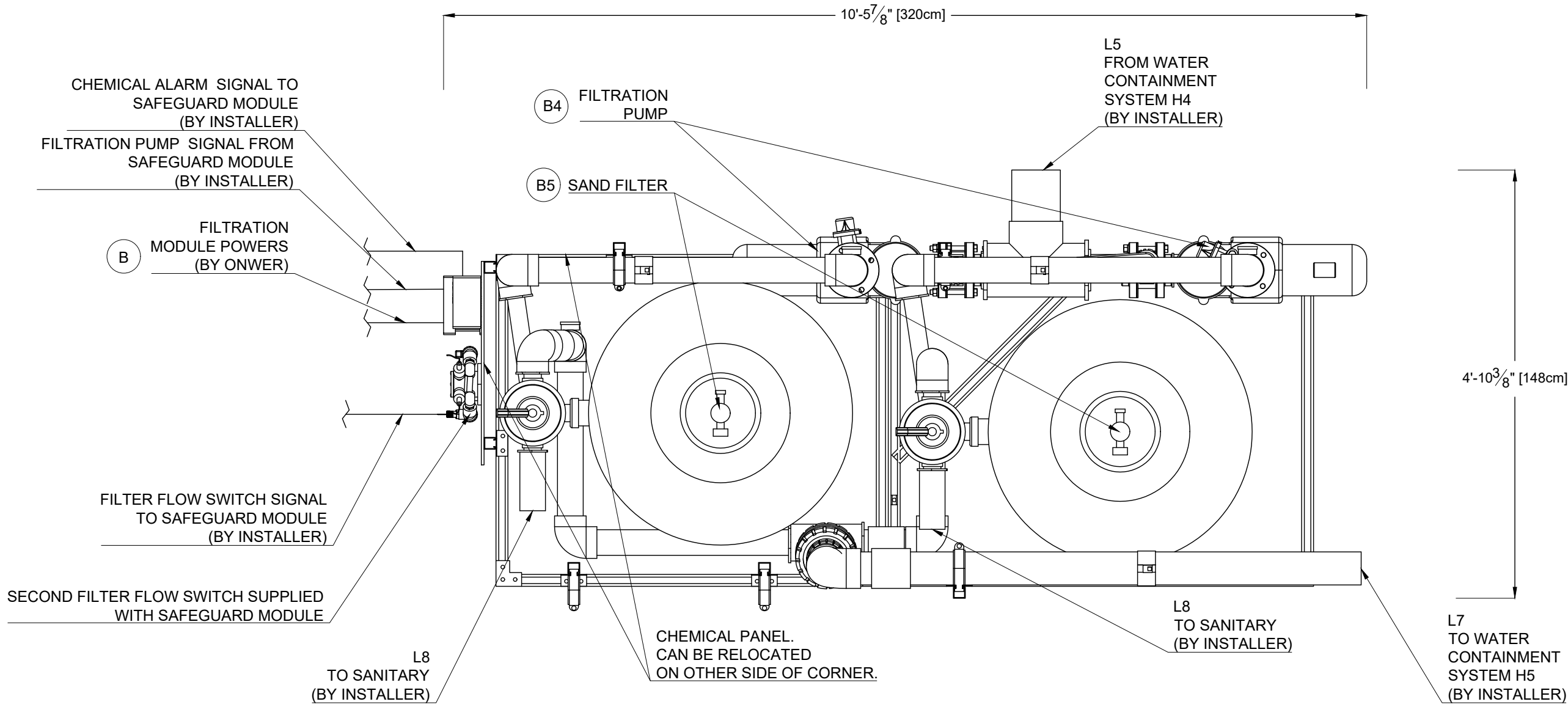
Plumbing Details

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Scale N.T.S.	Date 01/Feb/2023
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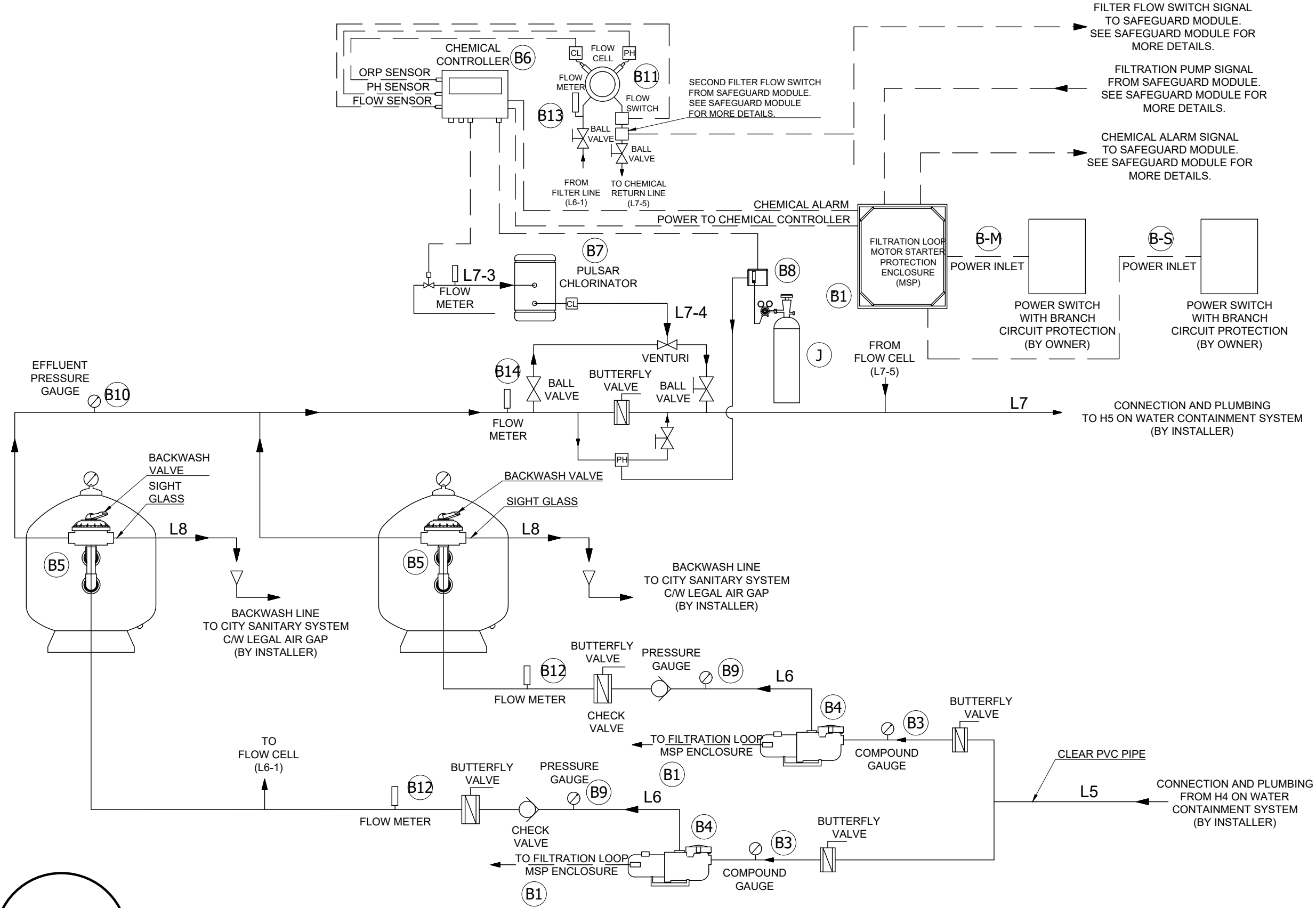
Page #
PD-001

- NOTE:
- A) VERIFY LOCAL CODES FOR MINIMUM ACCESS DIMENSIONS AROUND ELECTRICAL ENCLOSURES.
- B) PIPE LOCATIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.
- C) DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.
- D) BY INSTALLER/BY CONTRACTOR MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER. PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.
- E) DIRECTION OF FLOW FOR PLUMBING SHALL BE LABELED USING DIRECTIONAL SYMBOLS.
- F) VALVES AND PLUMBING LINES SHALL BE LABELED WITH DESCRIPTION OF SOURCE OR DESTINATION.



1
PD-002

Filtration Module 2x3HP 120/230V 1PH 60Hz, 2x7 SQ FT Filter,Pulsar & CO2
VOR-33927.0265R01



2
PD-002

Filtration Module 2x3HP 120/230V 1PH 60Hz, 2x7 SQ FT Filter,Pulsar & CO2
VOR-33927.0265R01

FILTRATION MODULE SPECIFICATIONS				
ITEM	ITEM	PROVIDED BY	DESCRIPTION	QTY
B-M	FILTRATION LOOP MAIN POWER	OWNER	230 VAC, SINGLE PHASE, 60 Hzz, 40 AMPS BREAKER RECOMMENDED .	1
B-S	FILTRATION LOOP SECONDARY POWER	OWNER	120 VAC, SINGLE PHASE, 60Hz, 10 AMPS BREAKER RECOMMENDED .	1
B1	FILTRATION LOOP MOTOR STARTER PROTECTION ENCLOSURE	VORTEX	MOTOR STARTERS AND OVERLOAD RELAYS. INDIVIDUAL CONTROL FOR EACH PUMP.	1
B2	GALVANIZED STEEL UNISTRUT SKID	VORTEX	GALVANIZED STEEL UNISTRUT SKID	1
B3	COMPOUND GAUGE	WINTER INSTRUMENTS	COMPOUND GAUGE, 0-30" Hg / 0-60 PSI	2
B4	FILTRATION PUMP	PENTAIR, INTELLIFLO, i3	3 HP, SELF PRIMING VARIABLE SPEED PUMP, SINGLE PHASE 230V, 102 GPM @ 70 FT HD, 122 GPM @ 80 FT HD, 11.2 AMPS FLA @ 230V. NSF 50 CERTIFIED.	2
B5	SAND FILTER	PENTAIR, TRITON, TR-140C	7.06 SQ. FT, 141 GPM @ 20 GPM/SQ FT, 106 GPM @ 15 GPM/SQ. FT, 36" DIAMETER, BACKWASH VALVE INCLUDED. NSF CERTIFIED.	2
B6	CHEMICAL CONTROLLER	BECS TECHNOLOGY, BECSYS3	ORP AND PH CONTROL WITH HIGH / LOW READING ALARM. NSF 50 CERTIFIED.	1
B7	CHLORINE FEED SYSTEM	PULSAR, PRECISION 30	CALCIUM HYPOCHLORITE AUTOMATIC CHLORINATOR, 30 LBS CAPACITY. NSF 50 CERTIFIED.	1
B8	PH DOWN CONTROL SYSTEM	BECS TECHNOLOGY, BECSYS CO2	CO2 FEED SYSTEM, 4-30 SCFH, WITH PRESSURE REGULATOR, DIFFUSER & AUTOMATIC DUAL SWITCHOVER. NSF 50 CERTIFIED.	1
B9	PRESSURE GAUGE	WINTER INSTRUMENTS	PRESSURE GAUGE, 0-60 PSI	2
B10	EFFLUENT PRESSURE GAUGE	WINTER INSTRUMENTS	PRESSURE GAUGE, 0-60 PSI	1
B11	FLOW SWITCH	HARWILL	FLOW SWITCH, 24V	1
B12	FLOW METER	BLUE-WHITE IND, F-300 SERIES	3" PIPE FLOW METER, 45-240 GPM READING	2
B13	FLOW METER	BLUE-WHITE IND, F-400 SERIES	3/8" PIPE FLOW METER, 0.2-2 GPM READING	1
B14	FLOW METER	BLUE-WHITE IND, F-300 SERIES	4" PIPE FLOW METER, 75-420 GPM READING	1
J	CO2 TANK	OTHER	CO2 TANK INFO PROVIDED BY OTHER.	2

LINE SIZE CONNECTION CHART				
BY	FROM	TO	ITEM	SIZE
INSTALLER	WATER CONTAINMENT SYSTEM H4	FILTRATION PUMP B4	L5	6"
VORTEX	FILTRATION PUMP B4	SAND FILTER B5	L6	3" (2)
INSTALLER	SAND FILTER H	WATER CONTAINMENT SYSTEM H5	L7	4"
INSTALLER	SAND FILTER H	SANITARY SEWER SYSTEM	L8	3" (2)

NOTE:

REFER TO VORTEX' WATER QUALITY MANAGEMENT SYSTEM AND VORTEX' WATER CONTAINMENT SYSTEM FOR PIPE SIZES.

FOR FILTRATION PUMP SUCTION, PUT THE LESSER OF THE TWO PIPE SIZE.

FOR OTHER PIPE SIZE, PUT THE WATER QUALITY MANAGEMENT SYSTEM'S PIPE SIZE.

IF THE WATER CONTAINMENT SYSTEM IS NOT BY VORTEX, REFER TO VORTEX WATER QUALITY MANAGEMENT SYSTEM FOR PIPE SIZE.

3
PD-002

Filtration Module 2x3HP 120/230V 1PH 60Hz, 2x7 SQ FT Filter,Pulsar & CO2
VOR-33927.0265R01



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Phone: +1 (877) 586-7839

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Fort Lupton Community Center Splashpad

Project Location
Fort Lupton, CO

Project Number
30786

Version
VC

01/Feb/2023	Issued for Bid	00	MS
Date	Revision Description	No.	By

Drawing Title

Plumbing Details

Drawn by
MS

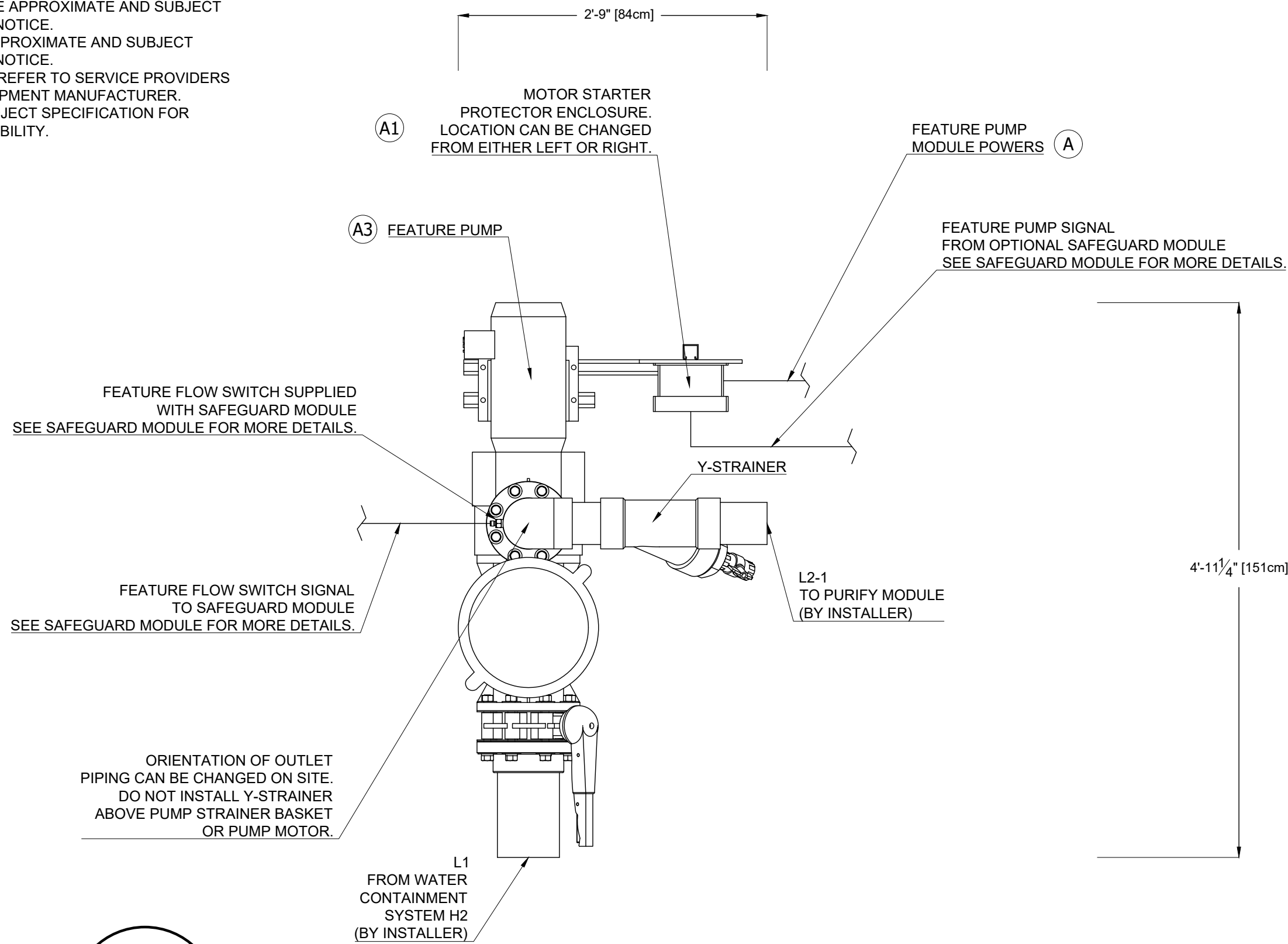
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MAB

Scale
N.T.S.

Date
01/Feb/2023

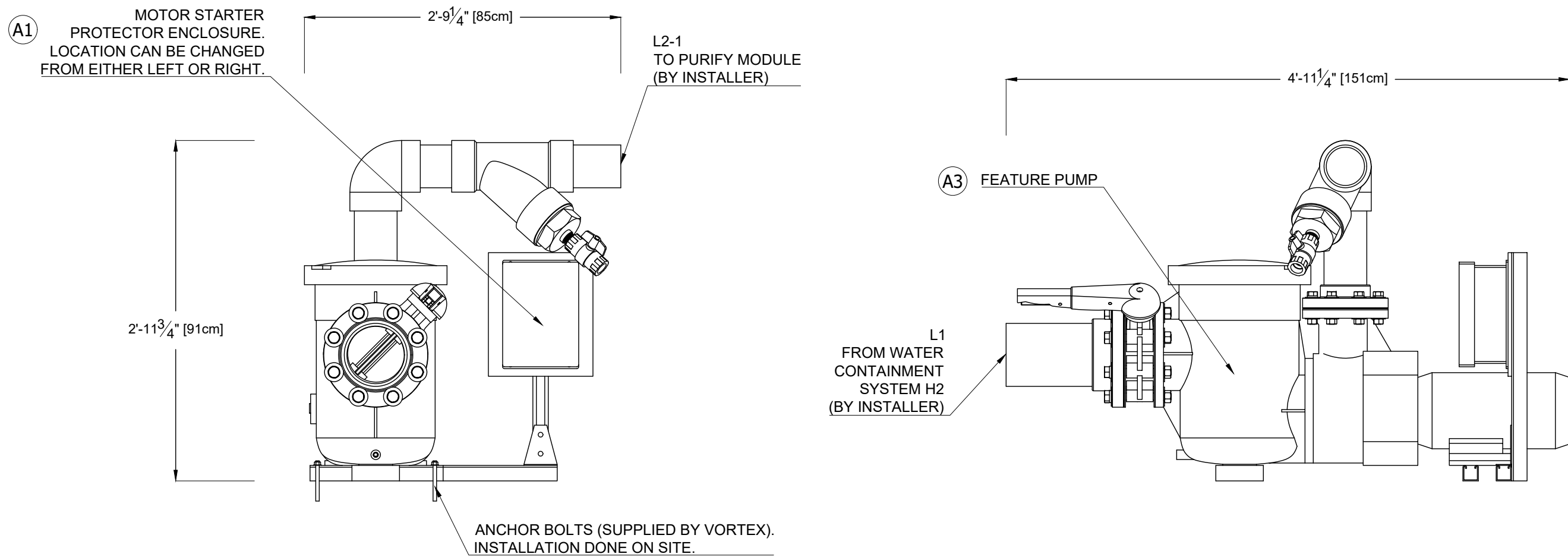
Page #
PD-002

NOTE:
A) VERIFY LOCAL CODES FOR MINIMUM ACCESS DIMENSIONS AROUND ELECTRICAL ENCLOSURES.
B) PIPE LOCATIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.
C) DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.
D) BY INSTALLER MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER. PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.



1 Feature Pump Module 5HP, 120/230V 1PH 60Hz
PD-003 VOR-33920.0020R02

NOTE:
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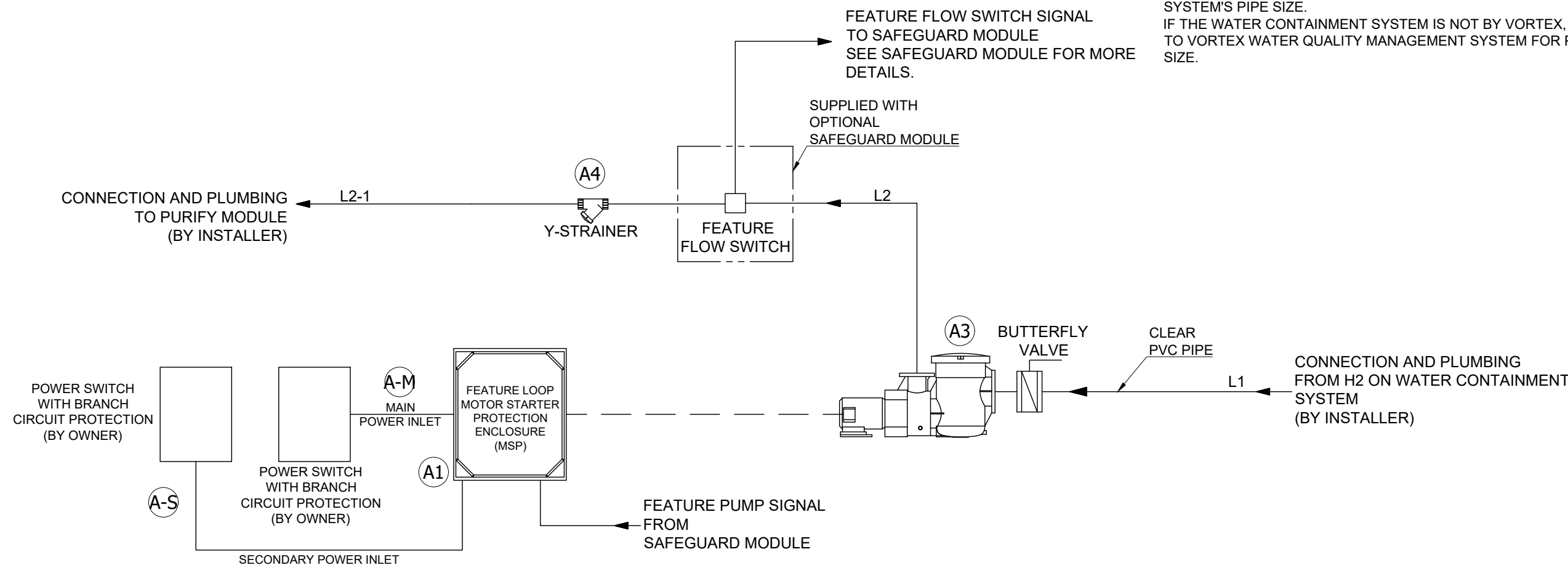


2 Feature Pump Module 5HP, 120/230V 1PH 60Hz
PD-003 VOR-33920.0020R02

FEATURE PUMP MODULE SPECIFICATIONS				
ITEM	ITEM	PROVIDED BY	DESCRIPTION	QTY
A-M	FEATURE LOOP MAIN POWER	OWNER	230 VAC, SINGLE PHASE, 60 Hz, 35 AMPS BREAKER RECOMMENDED.	1
A-S	FEATURE LOOP SECONDARY POWER	OWNER	120 VAC, ONE PHASE, 60 Hz, 10 AMPS BREAKER RECOMMENDED.	1
A1	FEATURE LOOP MOTOR STARTER PROTECTION ENCLOSURE	VORTEX	MOTOR STARTER AND OVERLOAD RELAY FOR PUMP.	1
A2	GALVANIZED STEEL UNISTRUT FRAME	VORTEX	GALVANIZED STEEL UNISTRUT FRAME	1
A3	FEATURE PUMP	PENTAIR, EQ SERIES, E0500	5 HP, SELF PRIMING PUMP, SINGLE PHASE 230V, 230 GPM @ 70 FT HD, 270 GPM @ 60 FT HD, 20.0 AMPS FLA @ 230V, NSF CERTIFIED.	1
A4	Y-STRAINER	SPEARS	4" PVC STRAINER WITH MESH BASKET	1

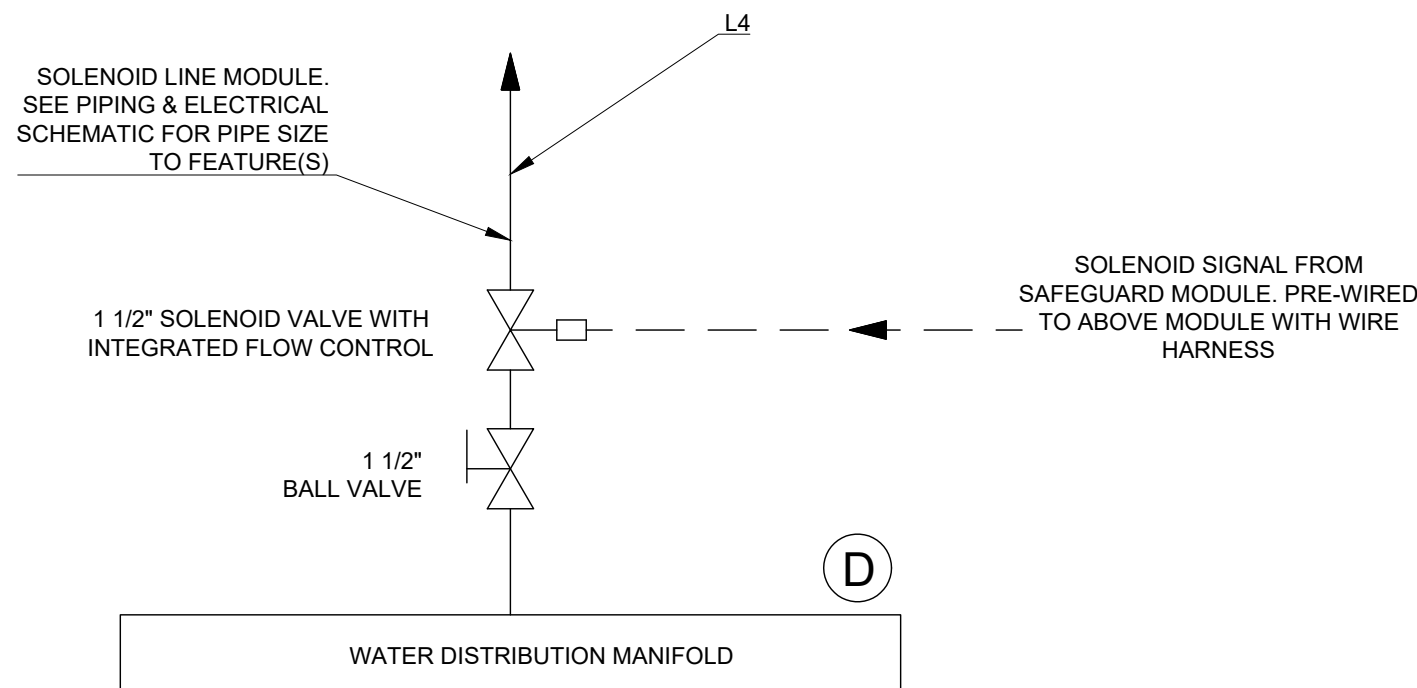
FEATURE PUMP MODULE SPECIFICATIONS				
BY	FROM	TO	ITEM	SIZE
INSTALLER	WATER CONTAINMENT SYSTEM H2	FEATURE PUMP A3	L1	6"
INSTALLER	FEATURE PUMP A3	PURIFY MODULE	L2-1	4"

NOTE:
REFER TO VORTEX' WATER QUALITY MANAGEMENT SYSTEM AND VORTEX' WATER CONTAINMENT SYSTEM FOR PIPE SIZES. FOR FILTER/CIRCULATION PUMP SUCTION, PUT THE LESSER OF THE TWO PIPE SIZE. FOR OTHER PIPE SIZE, PUT THE WATER QUALITY MANAGEMENT SYSTEM'S PIPE SIZE. IF THE WATER CONTAINMENT SYSTEM IS NOT BY VORTEX, REFER TO VORTEX WATER QUALITY MANAGEMENT SYSTEM FOR PIPE SIZE.



3 Feature Pump Module 5HP, 120/230V 1PH 60Hz
PD-003 VOR-33920.0020R02

LINE SIZE CONNECTION CHART				
BY	FROM	TO	ITEM	SIZE
INSTALLER	WATER DISTRIBUTION MANIFOLD D	FEATURES	L4	SEE P&E SCHEMATIC



4 Solenoid Module
PD-003 VOR-33921.8000R01



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Fort Lupton Community Center Splashpad

Project Location
Fort Lupton, CO

Project Number
30786

Version
VC

01/Feb/2023 Issued for Bid 00 MS
Date Revision Description No. By

Drawing Title

Plumbing Details

Drawn by
MS

Verified by
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Scale
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Date
01/Feb/2023

Page #
PD-003



NOTE:

- A) VERIFY LOCAL CODES FOR MINIMUM ACCESS DIMENSIONS AROUND ELECTRICAL ENCLOSURES.
- B) PIPE LOCATIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.
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- D) BY INSTALLER/BY CONTRACTOR MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER. PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.
- E) DIRECTION OF FLOW FOR PLUMBING SHALL BE LABELED USING DIRECTIONAL SYMBOLS.
- F) VALVES AND PLUMBING LINES SHALL BE LABELED WITH DESCRIPTION OF SOURCE OR DESTINATION.



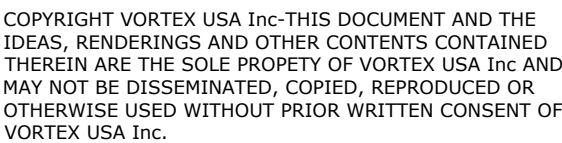
VOR-33921.0050R01

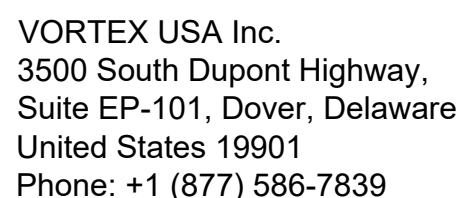
NOTE: REFER TO VORTEX' WATER QUALITY MANAGEMENT SYSTEM AND VORTEX' WATER CONTAINMENT SYSTEM FOR PIPE SIZES. BETWEEN THE TWO SYSTEMS, PUT THE LESSER OF THE TWO PIPE SIZE. IF THE WATER CONTAINMENT SYSTEM IS NOT BY VORTEX, REFER TO VORTEX' WATER QUALITY MANAGEMENT SYSTEM FOR PIPE SIZE.

VOR-33921.0050R01

VOR-44200.0030R03

SINGLE LOOP MODULE SPECIFICATIONS				
BY	FROM	TO	ITEM	SIZE
INSTALLER	FEATURE PUMP MODULE	UV REACTOR G2	L2-1	4"
INSTALLER	UV REACTOR G2	MANIFOLD MODULE	L2-2	4"

Page #
PD-004



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Fort Lupton Community Center Splashpad

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Fort Lupton, CO

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Date	Revision Description	No.	By

Drawing Title

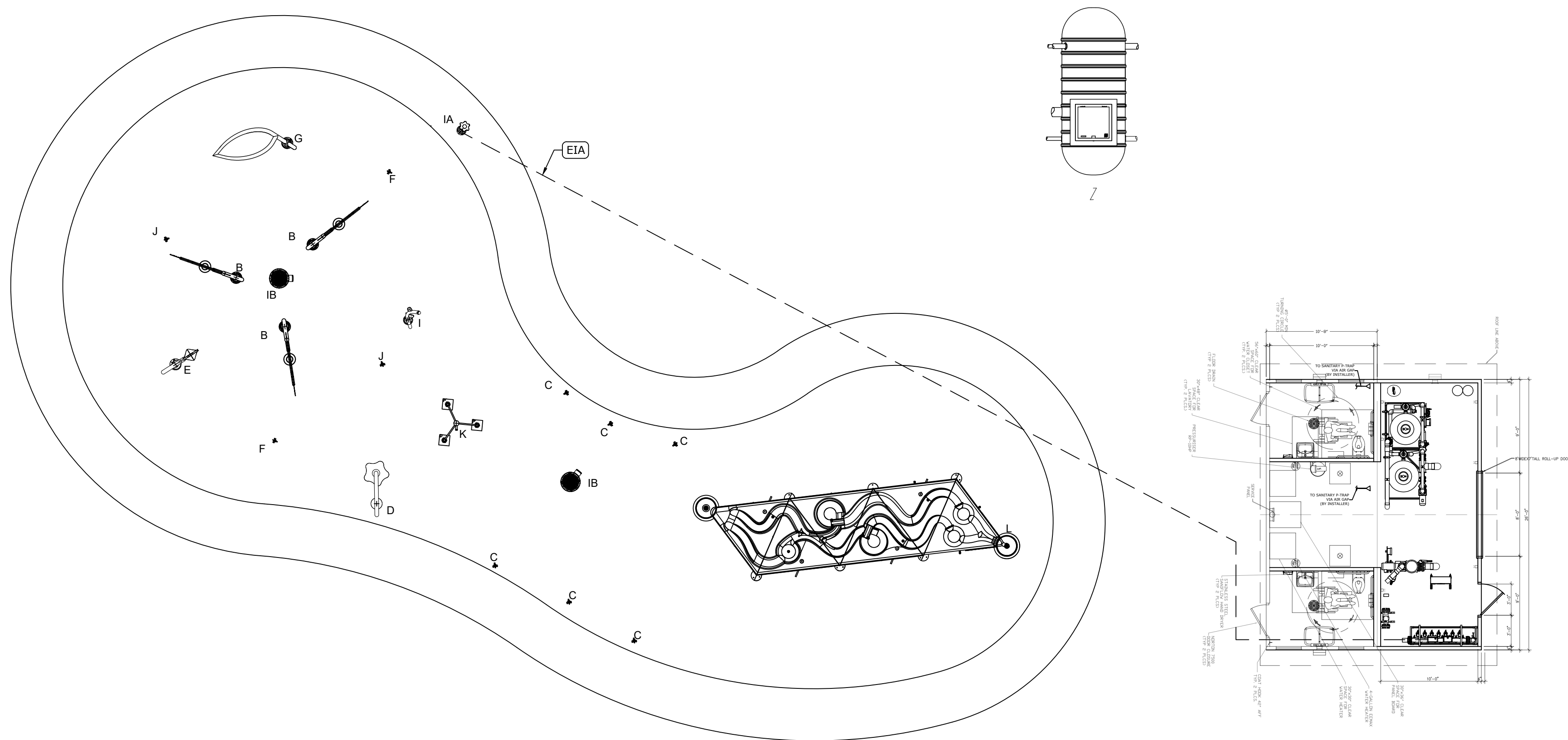
Electrical Layout

Drawn by
MS

Verified by
MAB

Scale
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Date
01/Feb/2023

Page #
E-0

1 ELECTRICAL LAYOUT

E-001

1. REFER TO SPECIFICATIONS ON A-001
2. COORDINATE THIS DRAWING WITH
ARCHITECTURAL, CIVIL, PLUMBING & ELECTRICAL SECTIONS

Electrical line - - - - -

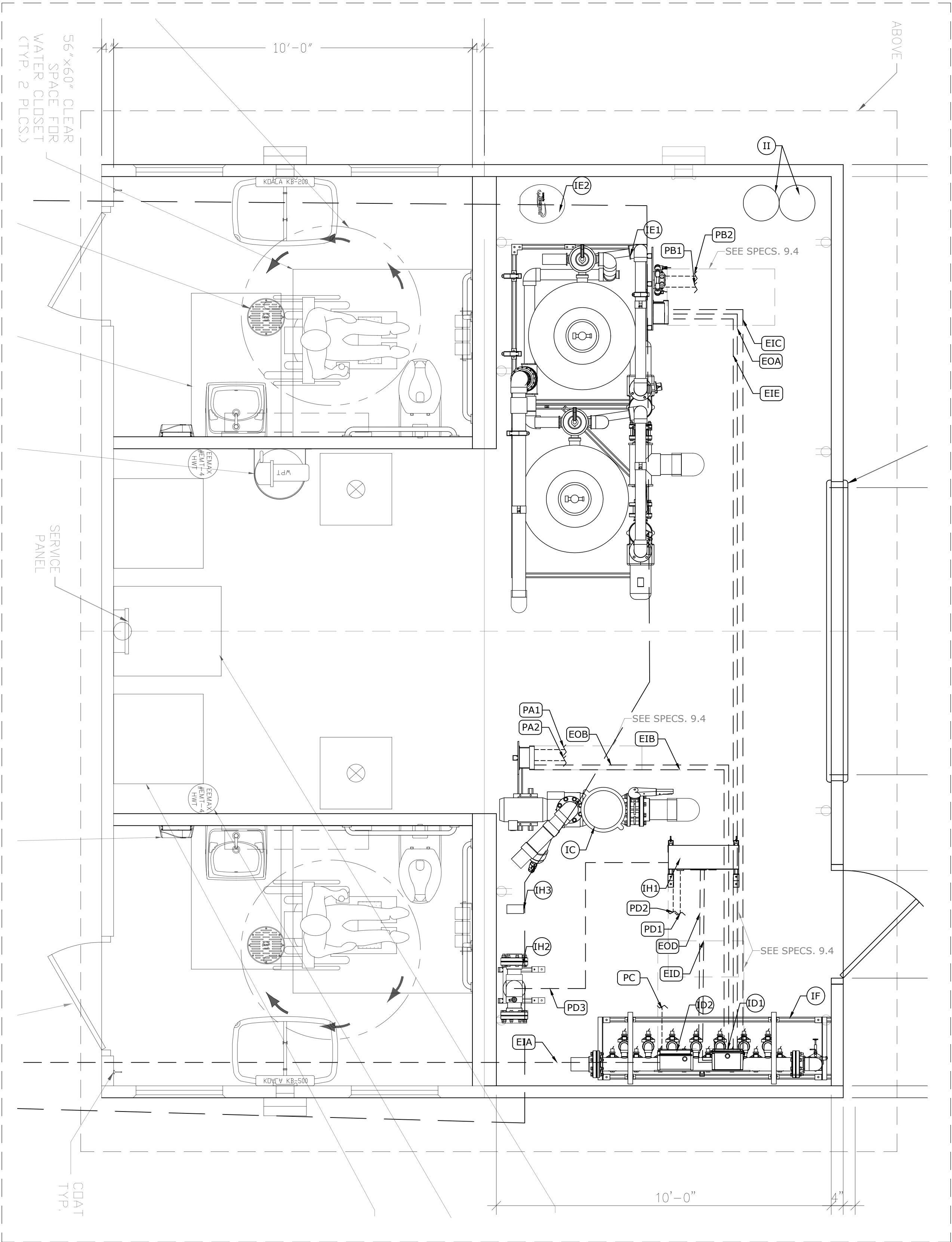
Electrical Line Connections Power (P'X')					
Connection Ref.	From	To	# Conductors	Gauge/Type	Note
PA1	Main Power Line (by Owner)	IC-230VAC	3	TBD (By Other)	230V, 1 Phase, 60Hz & 35 Amps Breaker Recommended ± 5% Voltage Drop is Acceptable
PA2	Main Power Line (by Owner)	IC-120VAC	3	TBD (By Other)	120V, 1 Phase, 60Hz & 10 Amps Breaker Recommended ± 5% Voltage Drop is Acceptable
PB1	Main Power Line (by Owner)	IE1-230VAC	3	TBD (By Other)	230V, 1 Phase, 60Hz & 40 Amps Breaker Recommended ± 5% Voltage Drop is Acceptable
PB2	Main Power Line (by Owner)	IE1-120VAC	3	TBD (By Other)	(120V, 1 Phase, 60Hz & 10 Amps Breaker Recommended) ± 5% Voltage Drop is Acceptable
PC	Main Power Line (by Owner)	ID2-120VAC	3	TBD (By Other)	120V, 1 Phase, 60Hz & 10 Amps Breaker Recommended; ± 5% Voltage Drop is Acceptable
PD1	Main Power Line (by Owner)	IH1-230VAC	3	TBD (By Other)	230V, 1 Phase, 60Hz & 20 Amps Breaker Recommended; ± 5% Voltage Drop is Acceptable
PD2	Main Power Line (by Owner)	ID2-120VAC	3	TBD (By Other)	120V, 1 Phase, 60Hz & 10 Amps Breaker Recommended; ± 5% Voltage Drop is Acceptable
PD3	IH1	IH2	3	TBD (By Other)	UV Electrical Connection from UV Controller to UV Reactor, 30' Long Cable (by UV Supplier)

Electrical Line Connections Controller Outputs (EO'X')					
Connection Ref.	From	To	# Conductors	Gauge/Type	Note
EOA	ID1-Output 24	IE1	2	16	Filtration Pump Signal from MaestroPro Controller to Filtration Pump, 24VAC, Max 450mA (by Installer)
EOB	ID1-Output 23	IC	2	16	Feature Pump Signal from MaestroPro Controller to Feature Pump, 24VAC, Max 450mA (by Installer)
EOC	ID1-Output 22	IF	2	16	Signal from MaestroPro Controller to Bypass Valve, 24VAC, Max 450mA (by Vortex)
EOD	ID1-Output 20	IH1	2	16	Signal from MaestroPro Controller to UV Junction Box, 24VAC, Max 300mA (by Installer)

Electrical Line Connections Controller Inputs (EI'X')					
Connection Ref.	From	To	# Conductors	Gauge/Type	Note
EIA	ID1-Input 1	IA	5	22	Bollard Activator No1 24VDC, Max 345mA, Cable Length 246'(75m) (by Vortex)
EIB	ID1-Input 7	IC	3	22	Feature Flow Switch Signal 30' Long, 24VDC, Max 345mA, (by Vortex)
EIC	ID1-Input 8	IE1	2	22	Filter Flow Switch Signal 30' Long, 24VDC, Max 345 mA (by Vortex)
EID	ID-Input 9	IH1	2	16	UV Alarm Signal, 24VDC, Max 345 mA (by Installer)
EIE	ID1-Input 10	IE1	2	16	Chemical Alarm Signal, 24VDC, Max 345mA (by Installer)

Feature Connection Table			
Manifold Output Ref.	Feature Ref.	Feature Ref.	Output (ID1)
S01	E	Flower N°7 VOR 7559	1
S02	F	Fountain Spray N°2 VOR 7676	2
S03	B	Custom Oak Tree VOR 8493	3
S04	B	Custom Oak Tree VOR 8493	4
S05	D	Flower N°1 VOR 7549	5
S06	K	Water Jelly N°3 VOR 7032	6
S07	C	Directional Jet N°1 VOR 0305	7
S08	I	Seaweed No.3 VOR 7781	8
S09	J	Water Bloom N°1 VOR 0322	9
S10	B	Custom Oak Tree VOR 8493	10
S11	G	Leaf N°2 VOR 7657	11
S12	F	Fountain Spray N°2 VOR 7676	12
S13	C	Directional Jet N°1 VOR 0305	13
S14	L	Water Journey - Races VOR 7121	14
S15		Water Journey -Press & Flow VOR 7138	15

Product Legend		
Product Ref.	Product	Qty
IA	Bollard Activator No1 VOR-612	1
IC	Feature Pump Module VOR-33920.0020	1
ID1	MaestroPro Controller 24out/12in VOR-33923.4010	1
ID2	MaestroPro Power Box VOR-33923.4010	1
IE1	Filtration Module VOR-33927.0265	1
IE2	Pulsar Chlorinator VOR-33927.0265	1
IF	Manifold Module VOR- 33921.0050	1
IH1	Purify Module Reactor VOR-44200.0030	1
IH2	Purify Module Controller VOR-44200.0030	1



1

E-002

ELECTRICAL LAYOUT

1. REFER TO SPECIFICATIONS ON A-001
2. COORDINATE THIS DRAWING WITH ARCHITECTURAL, CIVIL, PLUMBING & ELECTRICAL SECTIONS

Electrical line



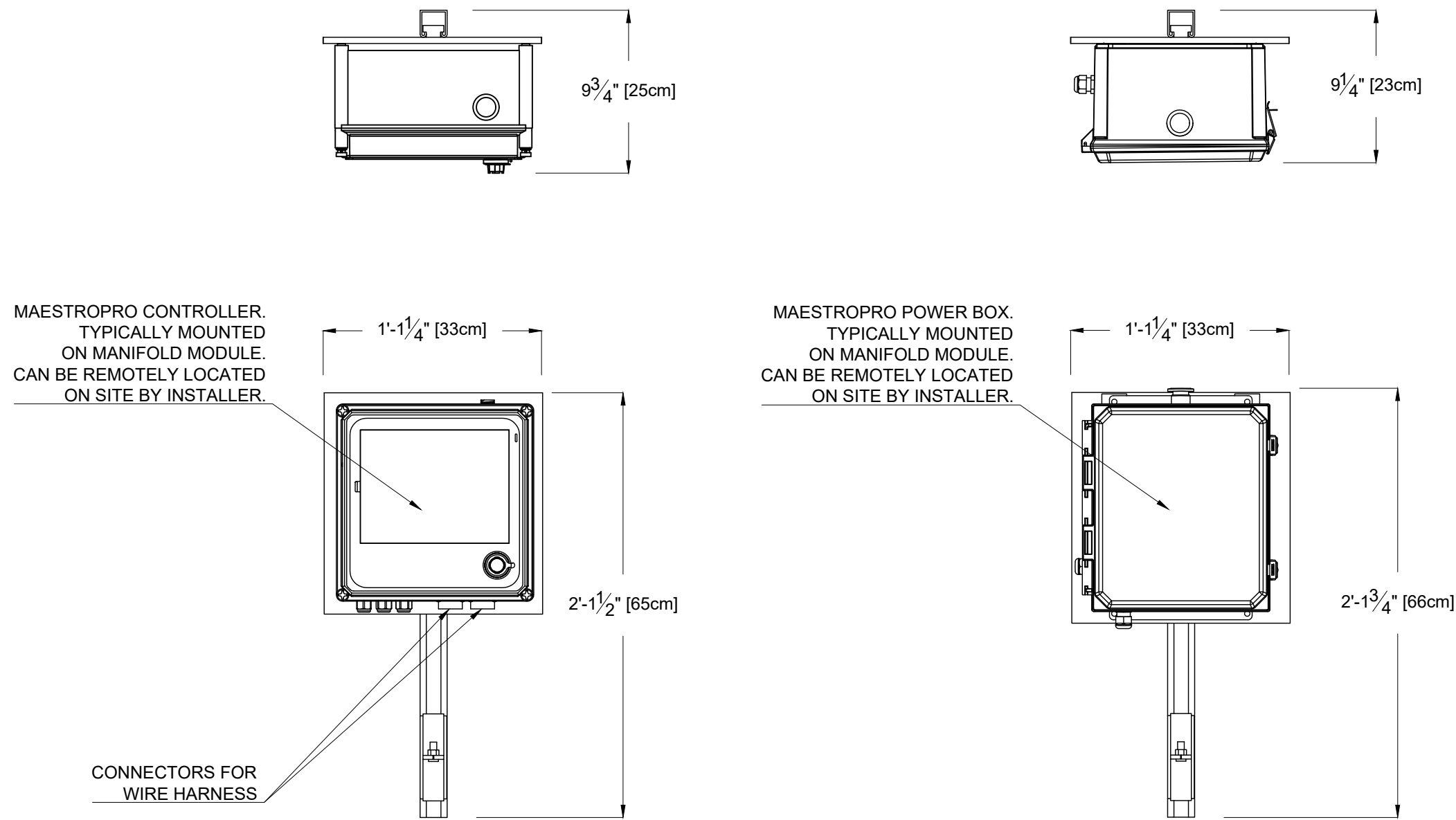
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3500 South Dupont Highway,
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United States 19901
Phone: +1 (877) 586-7839

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Fort Lupton Community Center Splashpad

Project Location			
Fort Lupton, CO			
Project Number			
30786			
Version			
VC			
1/Feb/2023	Issued for Bid	00	MS
Date	Revision Description	No.	By
Drawing Title			
Electrical Layout			
Drawn by		Verified by	
MS		MAB	
Scale		Date	
1/2"=1'-0"		01/Feb/2023	
Page #			
E-002			

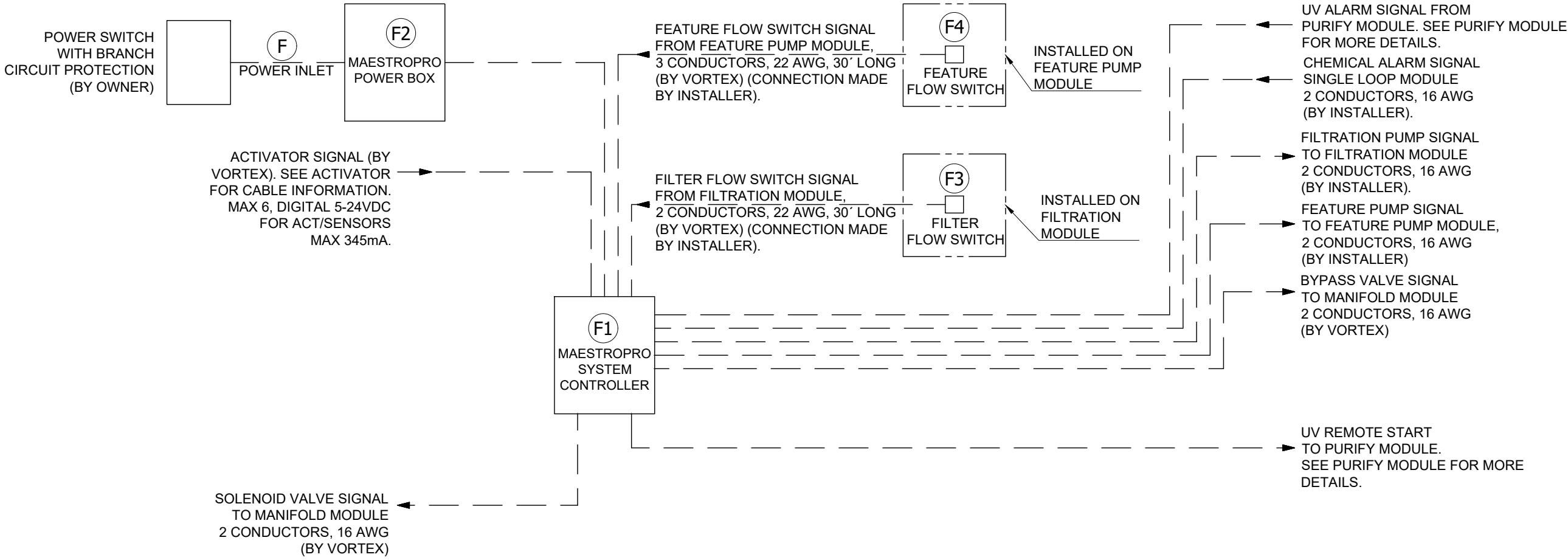
- NOTE:
1. VERIFY LOCAL CODES FOR MINIMUM ACCESS DIMENSIONS AROUND ELECTRICAL ENCLOSURES.
 2. DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE WITHOUT NOTICE.
 3. BY INSTALLER/BY CONTRACTOR MAY REFER TO SERVICE PROVIDERS OTHER THAN THE EQUIPMENT MANUFACTURER.PLEASE REFER TO PROJECT SPECIFICATION FOR DETAILS OF RESPONSIBILITY.



1 Safeguard Module with MaestroPro 24 Out / 12 In 120V 1PH 60Hz
ED-001 VOR-33923.4010R02

- NOTE:
- 1 - A MAXIMUM OF 1 ETHERNET CAT 5 CONNECTION IS AVAILABLE PER MAESTROPRO. IF MORE ETHERNET LAN CONNECTIONS ARE NEEDED, THEN IT REQUIRES AN ETHERNET SWITCH BOX (SOLD SEPARATELY).
 - 2 - FOR DIGITAL INPUT, 5-24 VDC SUPPLIED BY MAESTROPRO. REFER TO THE CORRESPONDING SCHEMATIC DRAWING MANUAL FOR WIRING DETAILS.
 - 3 - MAESTROPRO IS DHCP ADDRESSED BY CONNECTED LAN DEVICE.
 - 4- WHEN USED WITH EXPANSION UNITS, AN ETHERNET CABLE IS REQUIRED BETWEEN EACH UNIT.
 - 5- WATER TIGHT CONNECTIONS WITH MAESTROPRO DONE BY INSTALLER.
 - 6- ALL WIRES AND CABLES ELECTRICAL CALCULATION ARE BY INSTALLER AND SHALL BE APPROVED ACCORDING TO LOCAL CODE AND BRAND NEW.

SAFEGUARD MODULE SPECIFICATIONS				
ITEM	ITEM	PROVIDED BY	DESCRIPTION	QTY
F	CONTROLLER POWER	OWNER	120 VAC, SINGLE PHASE, 60 Hz, 10 AMPS BREAKER RECOMMENDED.	1
F1	MAESTROPRO SYSTEM CONTROLLER	VORTEX	24 OUTPUT, 12 INPUT TOUCH SCREEN INTERFACE CONTROLLER. PREWIRED TO ALL MANIFOLD MOUNTED COMPONENTS. USER PROGRAMMABLE OPERATIONAL HOUR TIME CLOCK AND SPLASHPAD SPRAY SEQUENCES. INCLUDE FACTORY PRESET SPRAY SEQUENCE, EQUIPMENT AND ALARM FAILSAFES.	1
F2	MAESTROPRO POWER BOX	VORTEX	RECEIVES 120 VAC POWER. PROVIDES 24 VAC & 24 VDC POWER TO MAESTROPRO CONTROLLER & EXPANSION.	1
F3	FILTER FLOW SWITCH	HARWILL	FLOW SWITCH, 9-36V. INSTALLED ON FILTRATION MODULE.	1
F4	FEAUTRE FLOW SWITCH	IFM EFFECTOR	FLOW SWITCH 24V INSTALLED ON FEATURE PUMP MODULE.	1



2 Safeguard Module with MaestroPro 24 Out / 12 In 120V 1PH 60Hz
ED-001 VOR-33923.4010R02



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Fort Lupton Community Center Splashpad

Project Location
Fort Lupton, CO

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VC

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Date	Revision Description	No.	By

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Electrical Details

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MS

Verified by
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Scale
N.T.S.

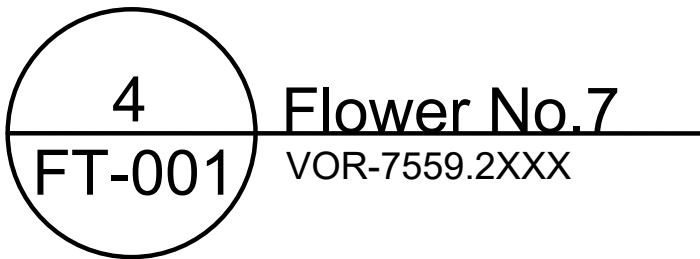
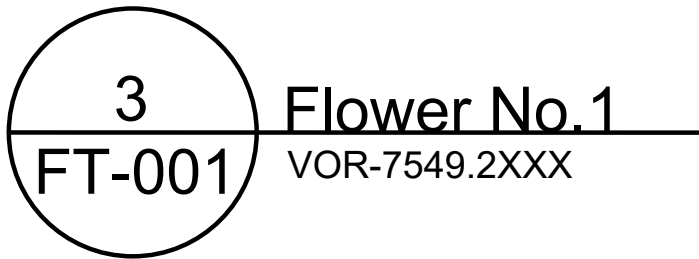
Date
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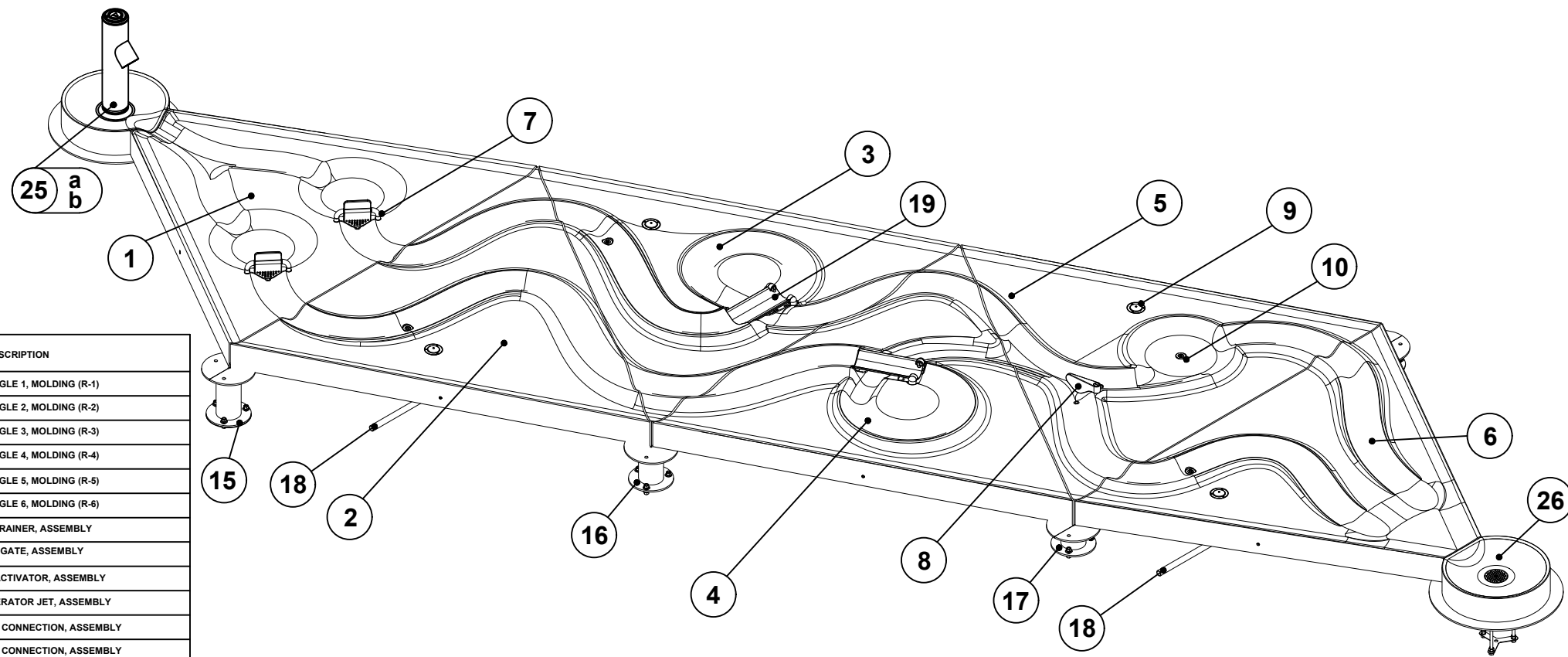
Fort Lupton Community Center Splashpad

Page #
FT-001



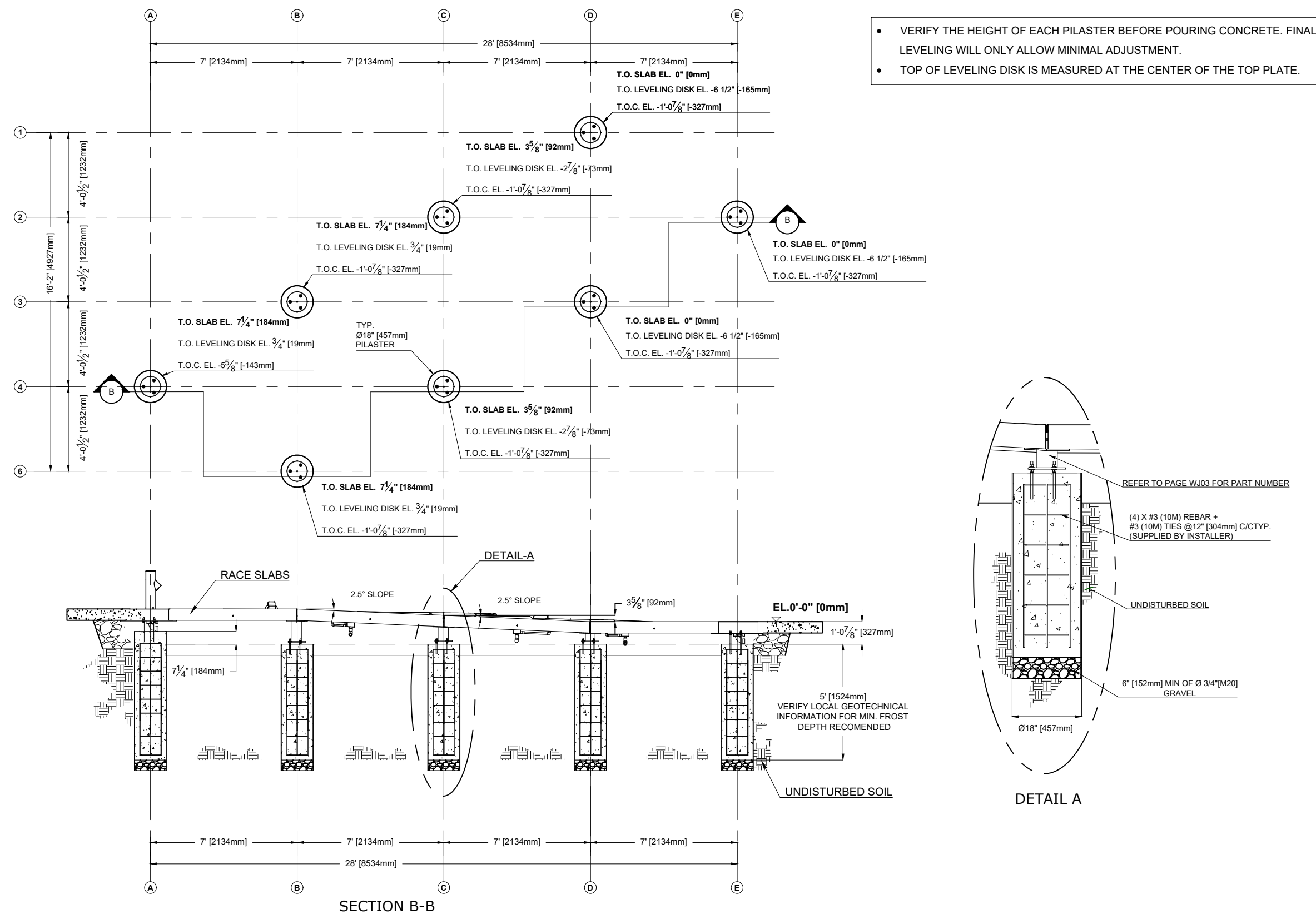
- GENERAL NOTES:
1. IT IS RECOMMENDED TO READ ALL INSTRUCTIONS PROVIDED BEFORE STARTING THE INSTALLATION.
 2. READ THIS PACKAGE IN CONJUNCTION WITH THE WATER JOURNEY MANUAL PROVIDED.
 3. CONSULT P&E (PIPING AND ELECTRICAL) IN CONJUNCTION WITH THIS PACKAGE.
 4. CONCRETE FOOTINGS TO BE SET ON 6" MINIMUM OF COMPACTED GRANULAR BASE MATERIAL OVER UNDISTURBED NATIVE SOIL.
 5. ALL FOUNDATIONS SHALL BE SET ON NATURAL UNDISTURBED INORGANIC SOIL. THE FOOTINGS HAVE BEEN DESIGNED FOR A SOIL BEARING CAPACITY OF 150 kPa [3000 psf]. THE SOIL BEARING CAPACITY SHALL BE VERIFIED BY A LICENSED GEOTECHNICAL ENGINEER BEFORE FOOTINGS ARE POURED.
 6. DO NOT ALLOW CHILDREN IN THE SETUP AREA UNTIL ASSEMBLY IS COMPLETE.
 7. GLASS FIBER REINFORCED CONCRETE (GFRC) SLABS ARE FRAGILE AND MUST BE HANDLED AND INSTALLED WITH CARE.
 8. REFER TO THE MANUAL FOR REPAIR AND ROUTINE MAINTENANCE RECOMMENDATIONS.

ITEM NO.	QTY.	NUMBER	DESCRIPTION
1	1	33100.4127	RACES - TRIANGLE 1, MOLDING (R-1)
2	1	33100.4151	RACES - TRIANGLE 2, MOLDING (R-2)
3	1	33100.4128	RACES - TRIANGLE 3, MOLDING (R-3)
4	1	33100.4129	RACES - TRIANGLE 4, MOLDING (R-4)
5	1	33100.4130	RACES - TRIANGLE 5, MOLDING (R-5)
6	1	33100.4152	RACES - TRIANGLE 6, MOLDING (R-6)
7	2	33903.0823	STRAINER, ASSEMBLY
8	1	33903.0832	GATE, ASSEMBLY
9	4	33903.0892	RACES FOOT ACTIVATOR, ASSEMBLY
10	4	33903.0899	RACES ACCELERATOR, JET, ASSEMBLY
11	1	33903.0900	RACES - TRIANGLE 2, JET CONNECTION, ASSEMBLY
12	1	33903.0901	RACES - TRIANGLE 3, JET CONNECTION, ASSEMBLY
13	1	33903.0902	RACES - TRIANGLE 4, JET CONNECTION, ASSEMBLY
14	1	33903.0902	RACES - TRIANGLE 5, JET CONNECTION, ASSEMBLY
15	2	33903.1456	RACE BENDED DISK 2.5 DEG. ASSEMBLY
16	2	33903.1457	RACES BOTTOM SMALL PLATE, ASSEMBLY
17	2	33903.1456	RACE BENDED DISK 1.5 DEG (2), ASSEMBLY
18	4	33903.0905	RACES - WATER INLET, ASSEMBLY
19	2	33903.0906	RACES - BRIDGE, ASSEMBLY
20	3	11960.2480	STEEL EYE BOLT WITH SHOULDER FOR LIFTING, 1/2"-13 THREADED, 12" L
21	9	11155.056	FLAT WASHER, 1/2"
22	4	22136.2331	JO - B & L, WINTER CAP
23	1	33903.1629	RACES - SPARE ITEMS
24	2	22136.3953	WJ ANCHORING TEMPLATE
25a	1	7126.0000	WATER JOURNEY - PRESS & FLOW
25b	1	7126.0000	WATER JOURNEY - FLOW SOURCE
26	1	7126.0000	WATER JOURNEY - DRAIN BASIN



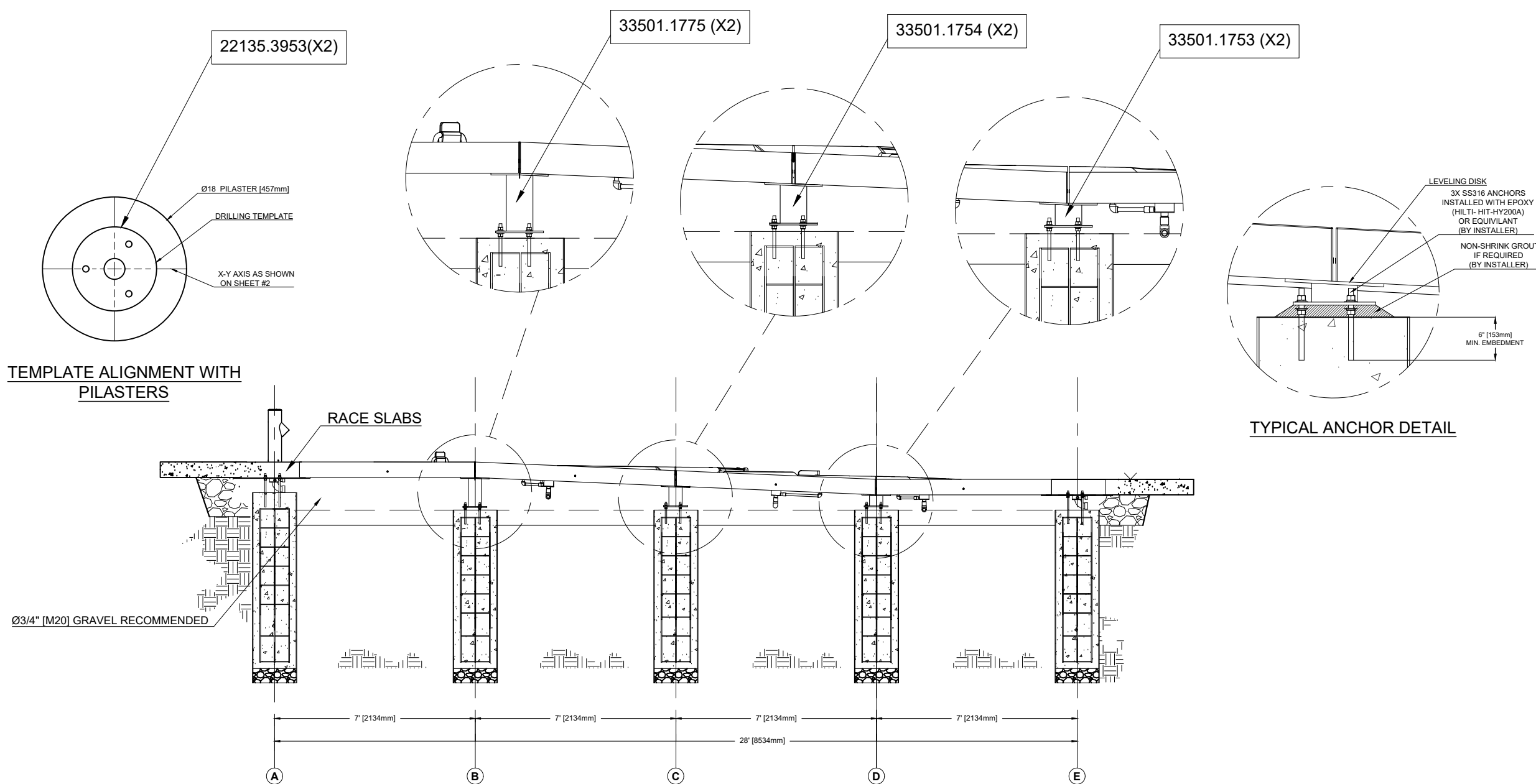
CONTENT	SHEET
WATER JOURNEY OVER VIEW	WJ01
FOUNDATION DETAILS	WJ02
LEVELING DISKS INSTALLATION	WJ03
DRAIN & PUMP INSTALLATION	WJ04
SLABS INSTALLATION	WJ05
FEATURES INSTALLATION	WJ06

1 Water Journey- Race
WJ-001 VOR-7121.000

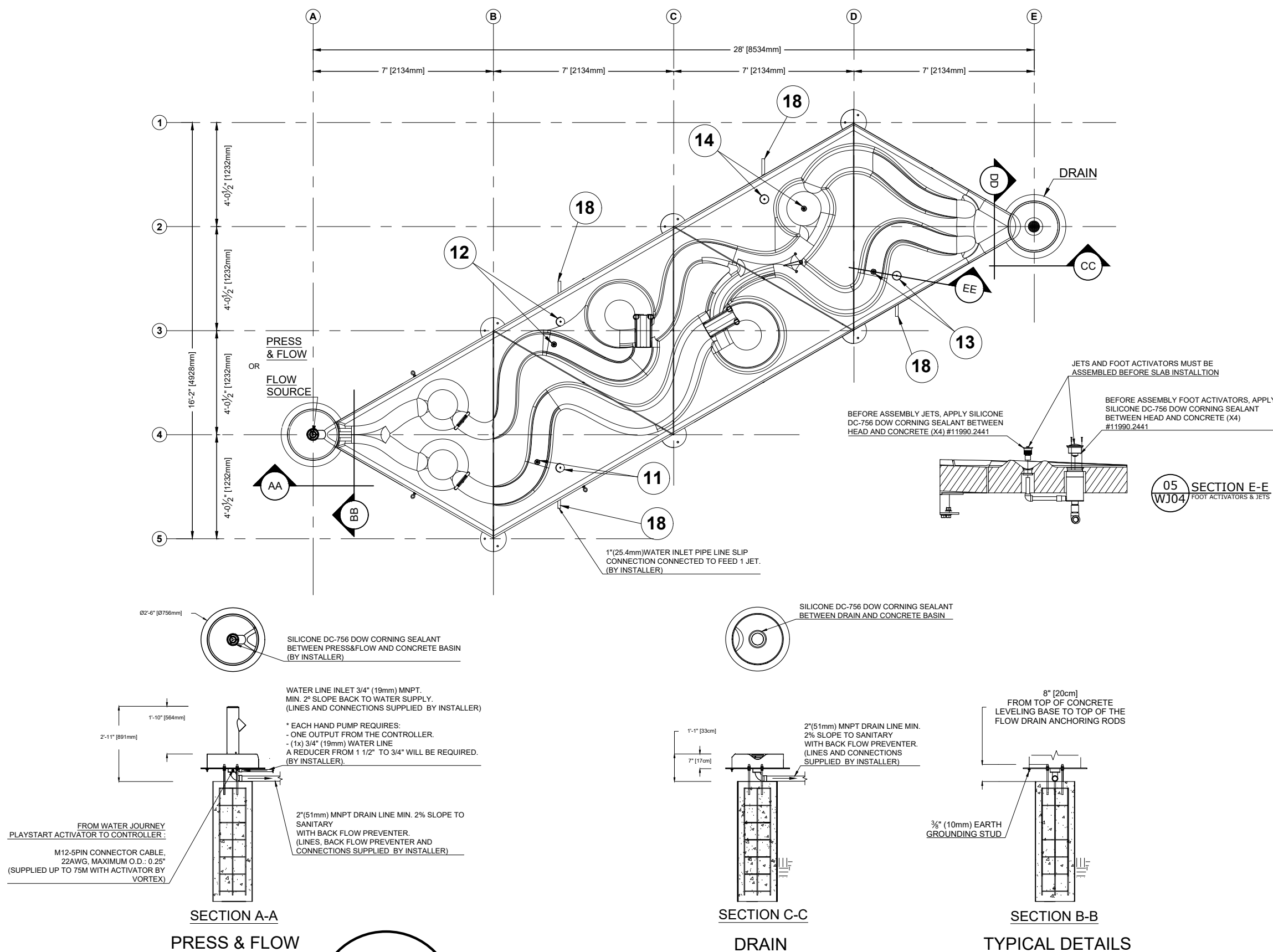


2 Water Journey- Race (Foundation Details)
WJ-001 VOR-7121.000

- MAKE SURE DRILLING TEMPLATE IS CORRECTLY ALIGNED WITH X-Y AXIS BEFORE DRILLING.
- CONNECT THE WATER INLETS, DRAIN LINE, AND ELECTRICAL SYSTEM (IF REQUIRED) FOR THE WATER SOURCE, AND CONNECT THE DRAIN BASIN AND/OR FLOW BASIN DRAIN LINES BEFORE INSTALLING SLABS REFER TO SHEET #4 FOR FLOW AND DRAIN BASIN



3 Water Journey- Race (Support Disks Installation)
WJ-001 VOR-7121.000



4 Water Journey- Race (Pump & Drain Installation)
WJ-001 VOR-7121.000



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Fort Lupton Community Center Splashpad

Project Location
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Drawing Title

Water Journey Drawings

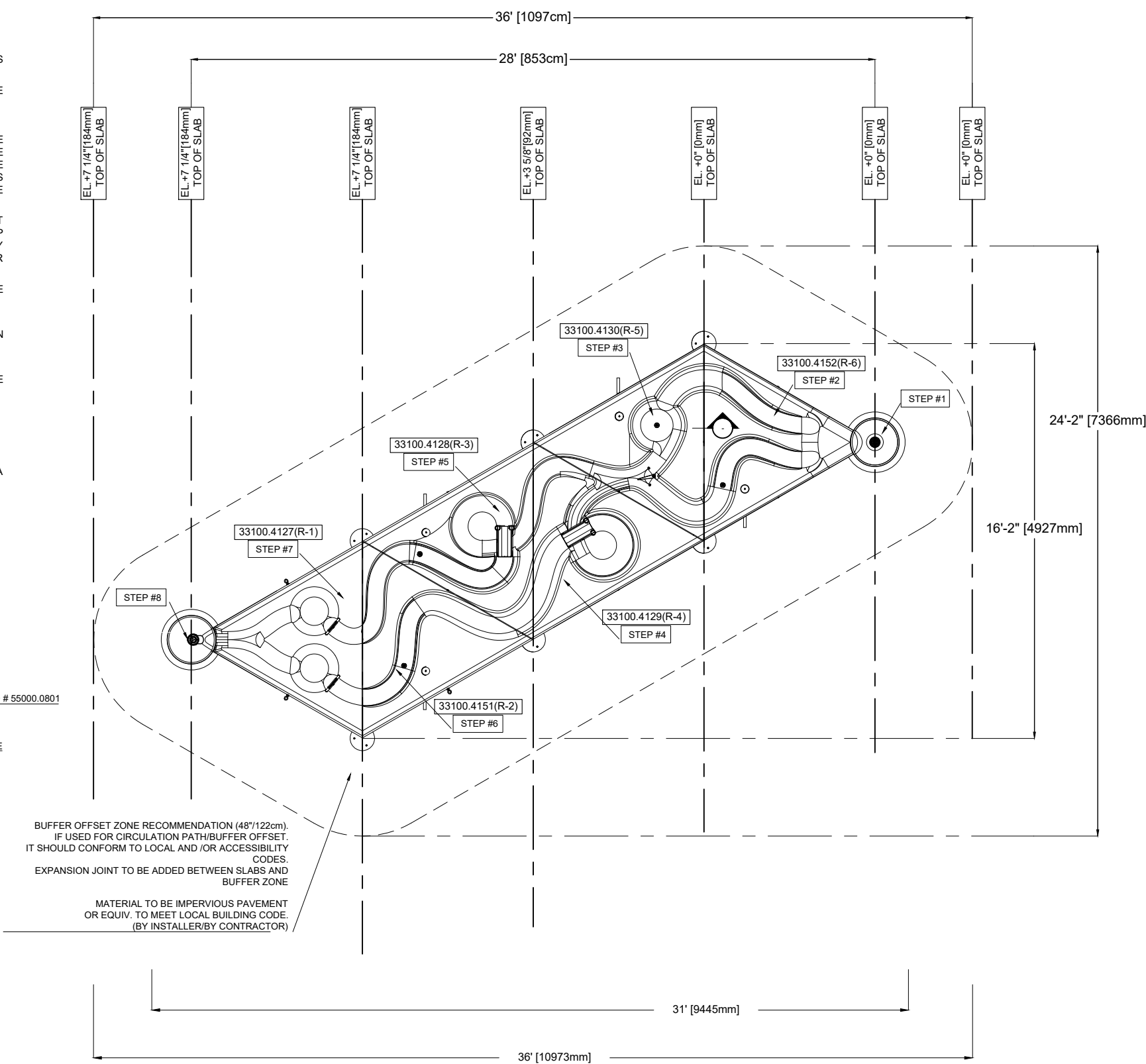
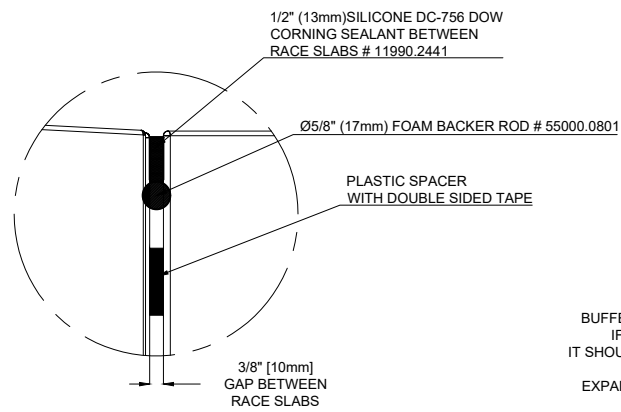
Drawn by MS	Verified by MAB
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Scale N.T.S.	Date 01/Feb/2023
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Page #
WJ-001

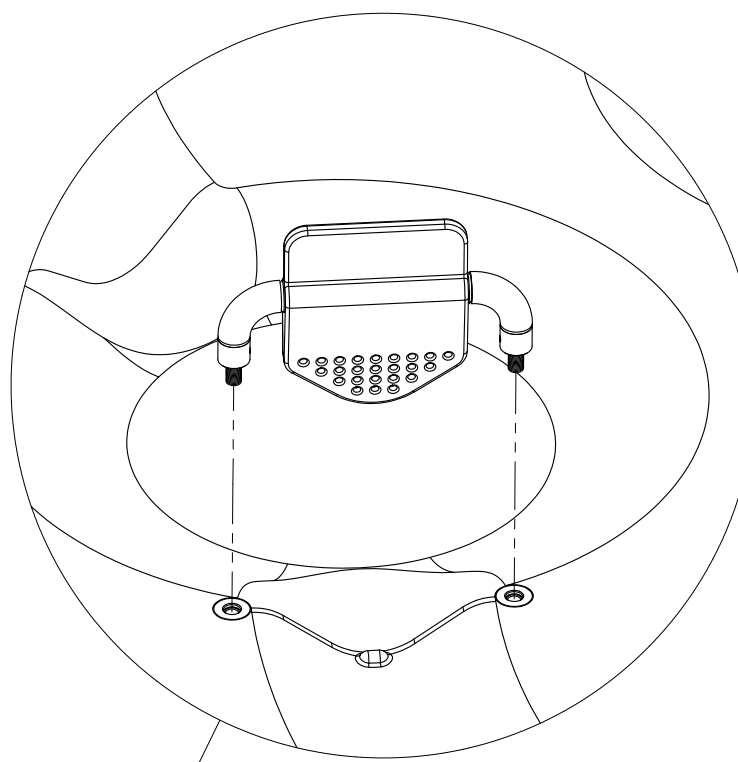
NOTES:

- UNPACK THE GLASS FIBER REINFORCED CONCRETE SLAB TRIANGLES.
- FOLLOW THE STEPS 1-8 SHOWN ON THE DRAWING.
 - LAY ALL TRIANGULAR GFRC SLABS DOWN FLAT AND IDENTIFY SLABS CORRECTLY (R-4 TO R-1).
 - JETS AND FOOT ACTIVATORS MUST BE ASSEMBLED AND INSTALLED BEFORE SLAB INSTALLATION.
 - START WITH THE TRIANGULAR GFRC SLAB R-6.
 - USE THREE (3) 1/4"-13NC EYEBOLTS AND/OR STRAPS TO PLACE THE TRIANGULAR GFRC SLAB IN THE CORRECT POSITION ON TOP OF THE LEVELING DISKS. ENSURE THAT THE TRIANGULAR GFRC SLAB IS AT THE CORRECT HEIGHT. USE THE LEVELING BOLTS TO MAKE ADJUSTMENTS AS NECESSARY. ENSURE THAT THE SLAB IS LEVEL WITH THE EDGE OF THE BASIN. PLACE SHIMS UNDER SLABS TO ADJUST AS NECESSARY.
 - PLACE THE NEXT ADJACENT TRIANGULAR GFRC SLAB IN THE CORRECT POSITION ON TOP OF THE LEVELING DISKS. LEAVE A 3/8" (10 MM) GAP BETWEEN SLABS. USE SPACERS WITH DOUBLE SIDED TAPE PROVIDED BY VORTEX TO ACHIEVE THE PROPER GAP. THIS GAP WILL BE FILLED IN LATER WITH A 5/8" (17 MM) FOAM BACKER ROD AND SILICONE.
 - REPEAT STEPS C AND D UNTIL ALL SLABS ARE IN PLACE AND AT THE CORRECT LEVEL, PROVIDING THE REQUIRED SLOPE.
- PUT FOAM BACKER ROD AND SILICONE DC-756 DOW CORNING SEALANT BETWEEN THE SLABS.
- PUT SILICONE DC-756 DOW CORNING SEALANT BETWEEN THE DRAIN AND THE CONCRETE DRAIN BASIN. FOLLOW DOW'S RECOMMENDATIONS IN THE MANUAL.
- ATTACH THE WATER SOURCE.
- FILL IN THE SURROUNDING AREA AND BUILD A CONCRETE BUFFER/ACCESS AREA AROUND THE WATER JOURNEYS MODULES.

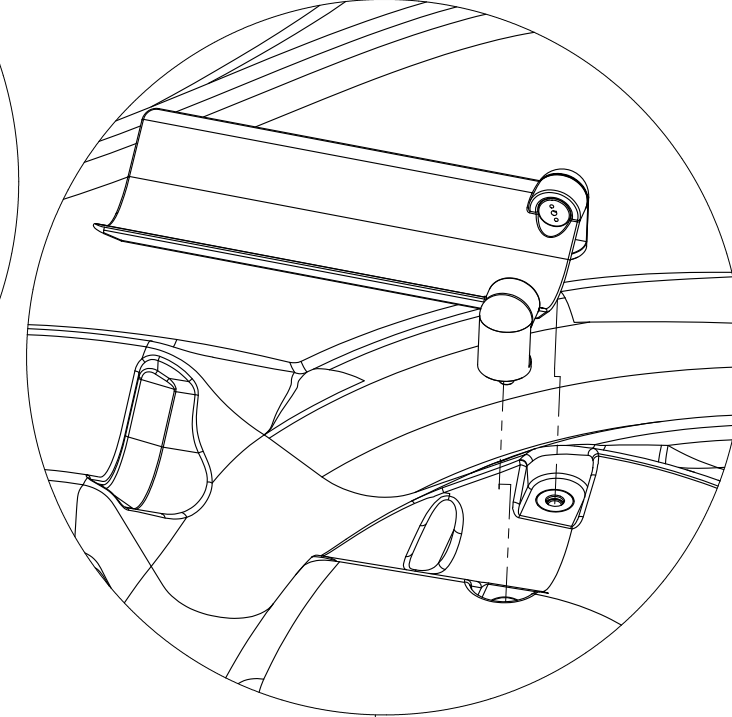


1 Water Journey-Race (Slab Installation)
WJ-002 VOR-7121.000

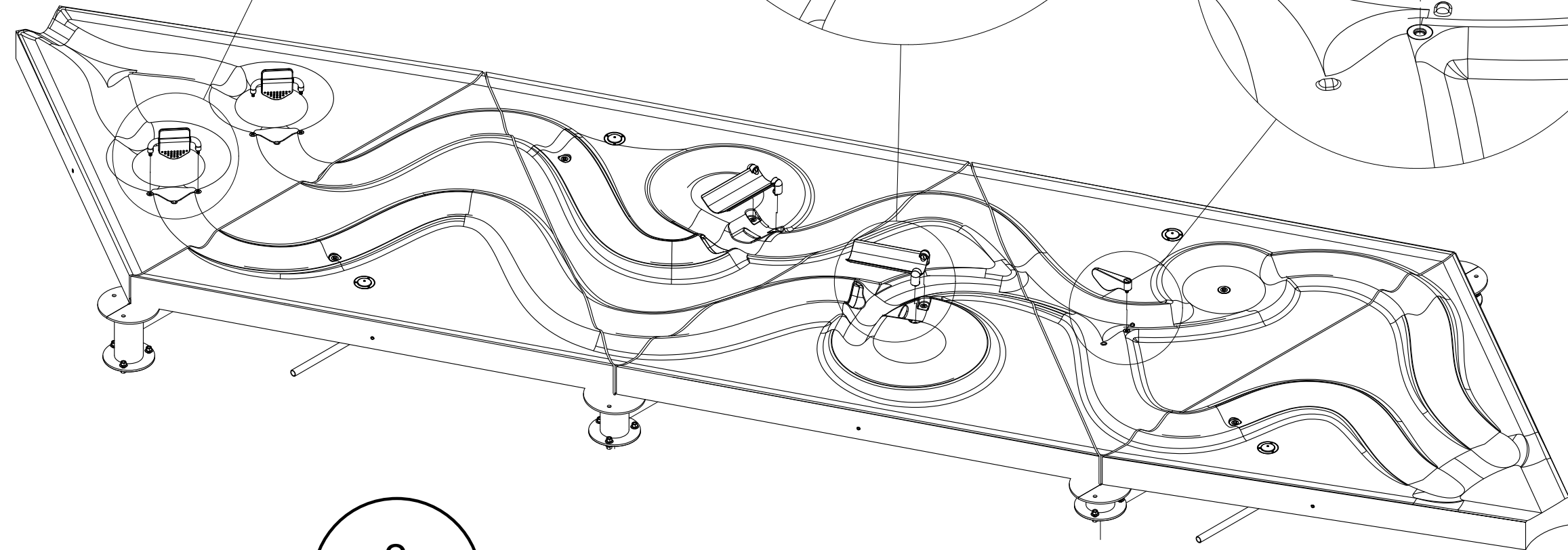
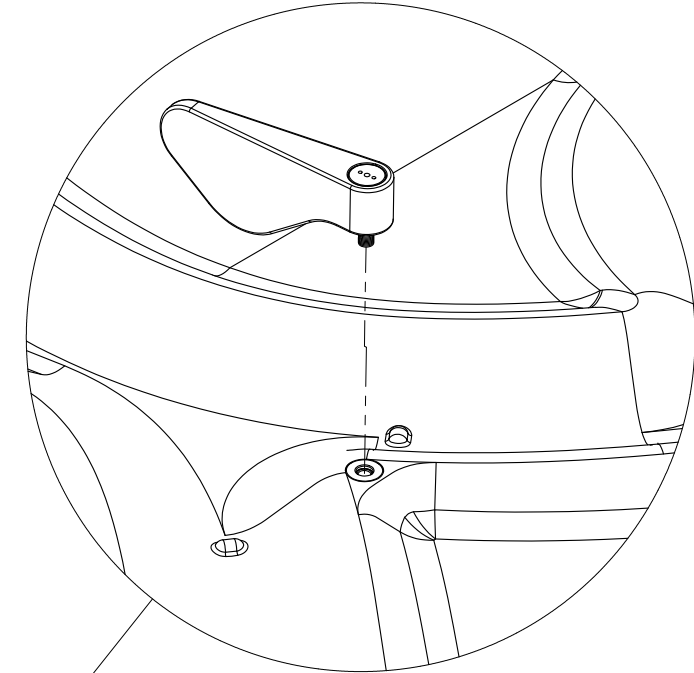
STRAINER ASSEMBLY



BRIDGE ASSEMBLY



GATE ASSEMBLY



2 Feature Installation
WJ-002 VOR-7121.000



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Fort Lupton Community Center
Splashpad

Project Location
Fort Lupton, CO

Project Number
30786

Version
VC

01/Feb/2023	Issued for Bid	00	MS
Date	Revision Description	No.	By

Drawing Title

Water Journey Drawings

Drawn by MS	Verified by MAB
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Scale N.T.S.	Date 01/Feb/2023
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Page #
WJ-002

(5) SHADE TREES _____
INTERMEDIATE PLAYGROUND _____
6' WIDE CONCRETE WALK _____
RELOCATED SHADE STRUCTURE _____
6' WIDE CONCRETE WALK _____
PRIMARY PLAYGROUND _____
BLUEGRASS SOD _____

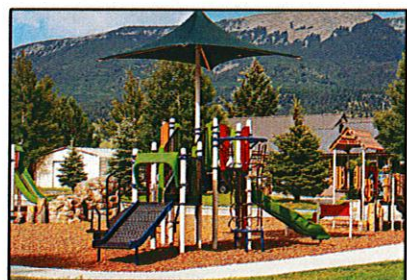
LANDSCAPE BED _____
6' WIDE CONCRETE WALK _____
(2) SHADE TREES _____
PICNIC TABLES _____
CUSTOM SHADE STRUCTURE _____

- 8' WIDE CONCRETE WALK
- (4) SHADE TREES
- PLAZA WITH PICNIC TABLES
- PRE-FABRICATED SHADE STRUCTURE WITH TABLES
- SPLASHPAD TANK ACCESS
- BENCHES, TYP.
- SANDSTONE BOULDER SEATING IN OPEN PLAZA AREA
- PRE-FABRICATED RESTROOM AND SPLASHPAD MECHANICAL EQUIPMENT ROOM & STORAGE
- LANDSCAPE BEDS, TYP.
- 8' WIDE CONCRETE WALK CONNECTING TO EXISTING CRUSHER FINES TRAIL
- SPLASHPAD FEATURE

SCALE: 1" = 20'-0"

A photograph of a wooden playground structure in a wooded area. The structure features a roof, multiple levels, and slides. The ground is covered in fallen leaves, and the background is filled with trees.

PRIMARY EQUIPMENT EXAMPLE



INTERMEDIATE EQUIPMENT EXAMPLE

PREFAB SHADE STRUCTURE EXAMPLE



RESTROOM/EQUIPMENT ROOM EXAMPLE



FEATHER REED GRASS



RED SWITCH GRASS



GRO-LOW SUMAC



DWARF BURNING BUSH



SUBJECT FOR DISCUSSION

Authorize the Mayor to execute a Municipal Water Agreement with Central Weld County Water District to provide potable water service to designated areas of the City.

SUMMARY STATEMENT/BACKGROUND DISCUSSION

Central Weld County Water District (CWCWD) currently has potable service to the west of the river that includes delivery infrastructure. In an effort to utilize a cost-effective manner towards growth and avoid unnecessarily duplicate infrastructure the City has worked with CWCWD to provide potable water service to the City's growth area west of the river.

The City and CWCWD utilize the same water sources from the Northern Water district. This allows for an easy raw water transfer from the City to CWCWD for treatment and delivery to those that will be served in the City on the west side of the river. This partnership will allow the City to continue its comprehensive growth plan on the west side of the river.

CWCWD will be the billing agency and responsible for the utility operation for all served under the agreement.

FINANCIAL CONSIDERATIONS

Payment in lieu of water charges will be charged for each development to cover the cost of water purchases for dedication.

LEGAL/POLITICAL CONSIDERATIONS

Matthew Poznanovic has been involved during the drafting of this agreement and approves of its final form.

ALTERNATIVES/OPTIONS

- Approve
- Do not approve

STAFF RECOMMENDATIONS

Staff recommends authorization by the Mayor to execute the agreement with Central Weld County Water District to provide potable water service to designated areas of the City.

Attachments: a. Municipal Water Agreement

Certification of Council Approval:

Ordinance No. _____

Resolution No. _____

City Clerk

Date

MUNICIPAL WATER AGREEMENT

This Municipal Water Agreement (the "Agreement") is made and entered into this ____ day of 2023, between the **CITY OF FORT LUPTON, COLORADO**, a municipal corporation, hereinafter referred to as the "City," and the **CENTRAL WELD COUNTY WATER DISTRICT**, a special district organized pursuant to Colorado law, hereinafter referred to as the "District." City and District may herein be collectively called the "Parties" or each individually a "Party." The City and the District agree as follows:

1. BACKGROUND. PURPOSE AND AUTHORITY

1.1 Section 29-1-203, C.R.S. Provides that District and City may enter into agreements with one another to provide governmental services.

1.2 District owns, maintains and operates a system for the treatment of water and the storage, transportation and distribution of potable water within Weld County, Colorado.

1.3 City owns, maintains and operates a system for the storage and distribution of potable water to the inhabitants of the City.

1.4 City owns raw untreated Colorado-Big Thompson Project ("CBT"), Windy Gap water, Northern Integrated Supply Project ("NISP") water and/or any other source of water owned or that may be acquired by City (collectively "Raw Water") that requires treatment to applicable mandatory federal and state drinking water standards in order to satisfy potable water demands of the City's inhabitants in the area west of the South Platte River as more specifically described on Schedule A (the "Service Boundary") attached hereto and incorporated herein by reference. The Parties acknowledge CBT, Windy Gap and NISP water can only be used within the municipal boundaries of the Northern Colorado Water Conservancy District and the Municipal Subdistrict of the Northern Colorado Water Conservancy District. Prior to use of Raw Water following treatment pursuant to Section 2.1 by the District to provide potable water service to City inhabitants located within parcels of the Service Boundary, each such parcel must be included in the boundaries of the Northern Colorado Water Conservancy District and the Municipal Subdistrict.

1.5 The District currently has customers in the Service Boundary and provides potable water to such customers ("District Customers"). District Customers are described by District Tap Numbers on Schedule B attached hereto and incorporated herein by reference. **Notwithstanding** anything to the contrary in this Agreement, such District Customers are and shall remain customers of the District regardless of any annexation of the Service Boundary by the City.

1.6 City and District desire to enter into this Agreement to provide for the treatment of City's Raw Water by the District to potable standards, in order for the District to provide delivery of potable water to City's inhabitants located in the Service Boundary.

1.7 By enacting Titles 31 and 32 and specifically §31-35-402 (1) (b) and §32-1-502 (2) (c) of the Colorado Revised Statutes and pursuant to Article XIV, Section 18 of the Colorado Constitution, the Legislature of the State of Colorado has: (a) determined that the State of Colorado has a valid interest in providing water for its citizens; (b) clearly articulated and affirmatively expressed the State of Colorado's policy to allow municipalities and special districts to provide water by utilizing cooperative agreements and to eliminate competition in areas where each Party is capable of providing service; (c) developed a structure to actively supervise municipalities and special districts if the District and City choose to utilize such agreements.

1.8 The foregoing provisions of this Section 1 constitute substantive terms of this Agreement and are incorporated into this Agreement by this reference.

2. PROVISION OF POTABLE WATER

2.1 City may purchase or receive potable treated water from any water system other than the District throughout the term of the Agreement.

2.2 Water furnished by the District to City inhabitants located within the Service Boundary pursuant to this Agreement shall meet all state and federal requirements for domestic drinking water ("Potable Water").

3. RATES

3.1 A water demand study shall be completed prior to commencing water service within the Service Boundary. The District performs the study to determine the cost for each parcel to be added within the Service Boundary. The District will coordinate with applicant for each new parcel for the study fee. The fee for the study will be according to the District's adopted fee structure. The District may adjust these fees from time to time according to the District's standard procedure.

3.2 The fee for the District capital investment and installation will be according to the District's adopted fee structure. The District may adjust these fees from time to time according to the District's standard procedure. The District will coordinate with applicant for capital investment and installation fee.

3.3 The dedication of raw water or cash in lieu shall be in accordance with the City's adopted requirements. As part of the planning process, the City will establish the raw water requirement to be satisfied by the applicant for each property. The District raw water fee will not be assessed unless the District is providing the raw water for the tap.

3.4 All new water taps sold by the City and installed on the District's mains will be serviced, maintained and read by the District. The Parties agree the District shall be solely responsible to timely bill each City inhabitant located within the Service Boundary that receives Potable Water delivered during the previous month at the District's current retail

rate, and such District rate may be revised from time to time by the District.

3.5 Billing for the District's rates shall be as provided in the tariffs, rules and regulations of the District as may be amended from time to time by the District. Any bill not paid by a City inhabitant located within the Service Boundary that receives Potable Water from the District shall be subject to the termination of service, to the terms of the tariffs, rules and regulations of the District for nonpayment, and to a delinquency fee.

3.6 To reimburse the City for its expenses for delivery of Raw Water to the District for water treatment, the District shall pay to the City 10% of all rates paid by the City's inhabitants to the District for Potable Water provided by the District to the City's inhabitants ("City Reimbursed Fees"). The District shall pay the City Reimbursed Fees to the City each month. The District shall bill inhabitants served within the Service Boundary each month for the City Reimbursed Fees. The City Reimbursed Fees may be adjusted periodically by the City to address changes in the amount of the City's raw water expenses.

4. TERM

This Agreement shall remain in full force and effect until thirty years from the date of the Agreement ("Initial Term"). After the Initial Term, this Agreement shall be automatically renewed for successive 10-year terms ("Renewal Terms"). The City or District may give written notice to the other Party no later than one year prior to the end of the Initial Term or any Renewal Term(s) that Potable Water service to the City's inhabitants located within property annexed into the City after the date of such written notice shall not be served by the District. The City's inhabitants located in the Service Boundary that received Potable Water service prior to such notice shall continue to receive service pursuant to this Agreement; notwithstanding the foregoing, the City may acquire the potable service of all or some of such City inhabitants as provided in Section 8.

5. RAW WATER

5.1 City shall annually, each water year, transfer Raw Water to the District for use by the District within District's water system to provide Potable Water service to City inhabitants within the Service Boundary. Raw Water transferred to the District shall be provided on an actual gallon basis in accordance with Section 5.2. In the event drought conditions exist, the Parties agree to coordinate and agree upon a modified schedule for delivery of Raw Water.

5.2 The amount of Raw Water to be transferred to the District for treatment and delivery pursuant to this Agreement shall include the amount of water necessary to offset system, treatment, delivery, and metering losses by the District ("Raw Water Requirements"). The initial year of Raw Water Requirements will be determined according to the District Study, and in the event Raw Water is needed in excess of the amount the District can support, the City will transfer appropriate pro-rata Raw Water to serve the remainder of the water year. After completion of the first full or partial water year after the Parties execute this Agreement, the amount of Raw

Water needed to satisfy the Raw Water Requirements that shall be transferred to the District for treatment and delivery shall be 112% basis of actual usage from the previous year. The Raw Water Requirements may be revised by the Parties every five years from the Effective Date to address changes in the amount of shrinkage which occurs in the District's Potable Water system.

5.3 The Raw Water to be transferred to District shall be approved by the District in writing and treatable by District at its facility to provide Potable Water service to City inhabitants within the Service Boundary according to the water treatment standards described herein. The Raw Water shall be delivered to the District at the Carter Lake Filter Plant "Metered Location" or other location agreed upon by the Parties. The District shall be responsible for measuring delivery of Raw Water at the Metered Location and for maintaining records and accounting of the City's delivery to the District of Raw Water at the Metering Location, and such records and accounting shall be provided to the City upon request.

5.4 City shall retain ownership of the Raw Water, however the amount of water annually transferred at the beginning of each water year to the District shall be owned by District as of the date of each annual transfer to District by City, and such transferred water shall be used by the District to provide Potable Water service to City inhabitants within the Service Boundary. Notwithstanding the foregoing, the City retains ownership and exclusive right to use return flows which result from the District's use and treatment of Raw Water. District will cooperate with the City in the event the City is required to file a water court application in order to claim the return flows.

5.5 District shall not be required to acquire any additional raw untreated water necessary to meet City's Raw Water Requirements.

5.6 In the event City does not provide sufficient Raw Water to District to meet its Raw Water Requirements, District shall give City notice of such insufficiency, and the City shall provide such amount of Raw Water to resolve such insufficiency.

5.7 City shall pay for all costs associated with acquisition of Raw Water to satisfy the Raw Water Requirements by City and transfer of the same to District, and any periodic charges or assessments from Northern Water related to such acquisition of Raw Water.

5.8 The District shall collect surcharges to be paid by the City's inhabitants located within the Service Boundary that use more Potable Water than allocated per tap equivalent per the adopted rules and regulations of the District. The District shall pay all received surcharges to the City on annual basis subsequent to the close of the water year.

6. ANNEXATION INFORMATION

6.1 City shall provide to the District notice of any proposed annexation per Statutory requirements. The District will provide to the City notice of any request for

service within the City's comprehensive plan/future growth area.

7. ESTABLISHMENT OF SERVICE AREAS

7.1 Subject to Section 4, the District shall continue to be the exclusive Potable Water service provider within the District Service Area as shown on Schedule C notwithstanding the annexation of any part of such area by City.

7.2 Within thirty days after the annexation to the City of a parcel of property that is in the boundaries of District becomes final and non-appealable, the City may request to exclude any such annexed area from District's boundaries and District's Service Area. If the City fails to make such request pursuant to this section, then the District shall have the perpetual exclusive right to serve at retail all Potable Water within such annexed area. If the City makes such request to the District pursuant to this section, then the District will take action under state statute to exclude such annexed area from the boundaries of the District after payment by the City to the District of the total amount required under Section 8 of this Agreement.

7.3 In the event Customers are assessed duplicative fees by both Parties associated with the same water project, the Parties agree to negotiate in good faith to resolve future assessments of such duplicative fees.

8. TRANSFER PRICE

8.1 When, under the terms of this Agreement, District has territory excluded from the District due to annexation by the City according to Section 7 or if a water customer of District is taken or removed from water service due to annexation by City according to Section 7 or in the event notice is provided pursuant to Section 4, and the City acquires potable water service of certain City inhabitants that would otherwise receive Potable Water service from the District, the City shall pay to District the following amounts, as applicable:

8.1.1 System Value - The value of the District's system facilities rendered useless by such annexation, which shall be determined by the District at the present day replacement cost for water facilities. The system facilities replacement cost shall be depreciated on a straight-line basis over 20 years with such depreciation being limited to one-half of such costs. Easements shall be valued at original cost with no depreciation deduction; and

8.1.2 Revenues - An amount payable on the date of annexation of the property or on the date of termination of District's water service, whichever date first occurs, equal to ten times the annual revenues received by the District for all customers previously served by the District for any tap that is terminated by annexation or any tap that has ceased operation within the five year period prior to annexation by the City; and

8.1.3 Reconstruction - The cost of constructing any necessary facilities to reintegrate the water system of the transferor after detaching the facilities transferred to the transferee. No

transfer of water rights or plant investment fees or contributions in aid of construction shall be required to be made by District to City.

9. **Dispute Resolution.** In the event of any dispute hereunder, including but not limited to, failure of the Parties to agree on terms for assessments pursuant to Section 7.3 or transfers pursuant to Sections 4 or 8.1, the Parties shall make a good-faith effort to resolve their differences in the manner outlined below:

9.1 Either the City or the District shall provide written notice to the other Party of the dispute under this Agreement, and the Parties shall first attempt to resolve any dispute by direct negotiations within thirty (30) days of the notice.

9.2 If the Parties are unable to resolve the dispute by direct negotiations within thirty (30) days, the dispute shall be addressed through alternative dispute resolution prior to initiating litigation. The Parties shall meet and agree on the appointment of a mediator to address the disputed matter(s), and a mediation before the agreed mediator shall occur within thirty (30) days of appointment.

9.2.1 If the Parties are unable to agree on a mediator within twenty (20) business days, each Party shall, at its own cost, select its own mediator within 14 days. The Parties' mediators shall meet within 14 days and select a neutral third mediator to conduct the mediation. Said mediation shall occur within thirty (30) days of selecting the neutral third mediator. The costs associated with appointing and paying the fees of the neutral third mediator shall be divided equally between the Parties.

9.2.2 Within twenty (20) business days after the mediation, the agreed mediator or the neutral third mediator, as the case may be, shall submit a non-binding report to the Parties. If, after the report of the mediator has been submitted, the dispute fails to be resolved, either Party may initiate proceedings to judicially resolve the dispute. To the extent that any Party's claim or claims associated with the dispute could be barred or limited by an affirmative defense based on a statute of limitations, laches, or statute of repose, such defense will be tolled beginning on the day the notice of the dispute was sent and ending thirty (30) days after the submittal of the non-binding report of the mediator.

9.3 No suit for enforcement of this Agreement shall be filed unless there has been compliance with the alternative dispute resolution process, as described in paragraph 9.2. However, a suit may be commenced immediately if an emergency circumstance exists that requires injunctive or other immediate relief. Subject to this Section 9, the District and the City shall have all rights and remedies provided at law or in equity for a breach or threatened breach of this Agreement.

10. ENFORCEABILITY

10.1 The Parties to this Agreement recognize that there are legal constraints imposed upon the City and the District by the Constitution, statutes and laws of the State of Colorado and the United States. Subject to such constraints, the Parties fully intend to carry out the terms and conditions of this Agreement in good faith.

10.2 Notwithstanding any of the provisions of this Agreement to the contrary, in no event shall any of the Parties exercise any powers or undertake any actions which shall be prohibited by applicable law.

10.3 Whenever possible, each provision of the Agreement shall be interpreted in such a manner as to be effective and valid under applicable law. The invalidity or unenforceability of any provisions of the Agreement shall not affect or impair any other provisions.

10.4 All negotiations, considerations, representations, and understandings between the Parties are incorporated herein.

10.5 The City shall abide by all tariffs, rules, regulations and policies of the District that the District establishes from time to time; and all such tariffs, rules, regulation and policies of the District may be changed by the District at any time during the term of the Agreement. The District will notify the City at least 90 days prior to District's making such changes to its tariffs, rules, regulation or policies to allow the Parties to discuss any associated planning efforts which may result from such changes.

11 MISCELLANEOUS

11.1 Neither Party shall be considered in default in respect to any obligation hereunder if prevented from fulfilling such obligations by reason or uncontrollable forces, the terms uncontrollable forces being deemed for the purposes of the Agreement to mean any cause beyond the control of the Party affected, including, but not limited to, failure of facilities, flood, earthquake, storm, lightning, fire, epidemic, pandemic, riot, civil disturbance, labor disturbance, sabotage, and restraint by court or public authority, which by due diligence and foresight such Party could not reasonably have been expected to avoid. Either Party rendered unable to fulfill any obligation by reason of uncontrollable forces shall exercise due diligence to remove such inability with all reasonable dispatch. Failure to pay any amount due under the Agreement shall never be considered as due to an uncontrollable force.

11.2 The City and the District agree to continue the cooperative exchange of information, operational assistance and emergency aid. If, in the maintenance of their respective water systems and other water systems from which either Party may obtain water service, it becomes necessary by reason of any emergency or extraordinary condition for either Party to request the other to furnish personnel, materials, tools, and equipment for the accomplishment thereof, the Party so requested shall cooperate with the other and render such assistance as the Party so requested may determine to be available. The Party making such requests, upon receipt of properly itemized bills from the other Party shall reimburse the Party rendering such assistance for all costs properly and reasonably incurred by it in such performance, including but not to exceed ten percent thereof for administrative and general expense, such costs to be determined on the basis of current charges or rates used in its own operations by the Party rendering the assistance. The parties will work together towards a

common goal of emergency connections to each other's systems where opportunities exist.

11.3 The Parties shall promptly take all necessary action to obtain approvals necessary to consummate this Agreement and render to each other such assistance in cooperation as the Parties may reasonably request of the other in order to expeditiously carry out the terms and provision hereof.

11.4 The laws of the State of Colorado shall govern the validity, performance and enforcement of this Agreement and venue for all actions shall be in Weld County.

11.5 Nothing contained herein shall be deemed or construed by the Parties hereto, nor by any third party, as creating the relationship of principal and agent or a partnership or a joint venture between the Parties hereto.

11.6 Whenever herein the singular number is used, the same shall include the plural, and neuter gender and shall include the masculine and feminine genders when the context so requires.

11.7 Any waiver of or deferral of action upon at any time by either Party hereto of its rights with respect to a default or any other matter arising in connection with the Agreement shall not be deemed to be a waiver with respect to any subsequent default or matter.

11.8 Any notice, demand, or request delivered by mail in accordance with this section shall be deemed given seventy-two hours after the same is deposited, certified mail, in any post office or postal box regularly maintained by the United States Postal Service addressed to the District at 2235 2nd Avenue, Greeley, Colorado 80631 and to City at 130 S. McKinley Avenue, Fort Lupton, Colorado 80621. The addresses may be changed at any time by similar notice.

11.9 Neither Party shall, by reason of any provision of this Agreement, or the use of water thereunder, or otherwise, acquire vested or adverse right or future right, in law or equity, in the water rights owned by the other Party.

11.10 If any term, covenant or condition of this Agreement or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, the remainder of that Agreement or the application of such term, covenant or condition to persons and circumstances other than those to which it has been held invalid or unenforceable, shall not be affected thereby, and each term, covenant and condition of this Agreement shall be valid and shall be enforced to the fullest extent permitted by law.

11.11 The Parties understand and agree that the monetary limitations and all other rights, immunities, and protections provided by the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, et seq., as amended from time to time, may apply to actions arising from or related to that Agreement. This Agreement in no way constitutes a waiver for either Party or their rights,

immunities, and other protections provided for by law.

11.12 Financial Obligations. All of the City's financial obligations under this Agreement are contingent upon appropriation, budgeting, and availability of specific funds to discharge those obligations. Nothing in this Agreement constitutes a debt, a direct or indirect multiple fiscal year financial obligation, a pledge of the City's credit, or a payment guarantee by the City to the District.

11.13 The Parties shall assist each other in acquiring any easements and other permits or approvals necessary to accomplish and place into effect this Agreement, and for the construction of any necessary facilities.

[REMAINDER OF PAGE LEFT BLANK INTENTIONALLY]

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year first above written.

CITY OF FORT LUPTON, COLORADO

By: _____
Mayor

ATTEST:

City Clerk

STATE OF COLORADO)
) ss.
COUNTY OF WELD,)

Subscribed and sworn to under oath before me by _____
_____, Mayor and _____, City Clerk of the City
of Fort Lupton, Colorado on that ___ day of _____, 2021.

Notary Public

My commission expires: _____

Address:
City of Fort Lupton, Colorado
130 S. McKinley Avenue
Fort Lupton, CO 80621
Telephone: 303-857-6694

By: _____
President

Secretary

COUNTY OF WELD)

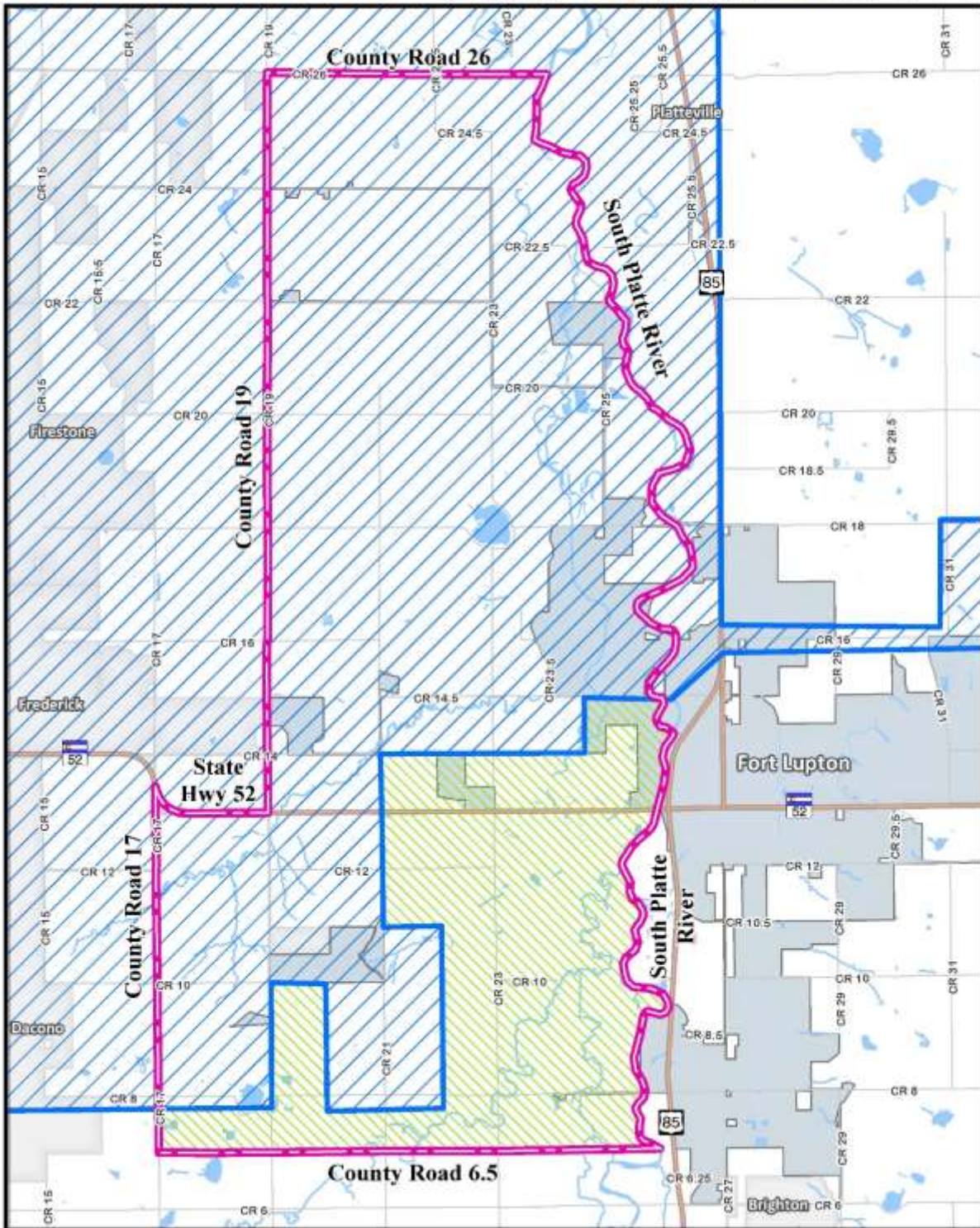
_____, President and _____, Secretary of Central
Weld County Water District on this ____ day of _____, 2021.

Notary Public

Address for Notice:

Page 143 of 150

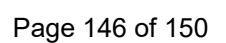
Schedule A: Service Boundary



Schedule B - District Customers as Defined in Section 1.5			
Customers served by CWCWD in the Service Boundary outside City Limits			
On File with Central			

Customers served by CWCWD in City Limits			
CWCWD Tap Number	Weld Parcel Number	Parcel Owner	Address
3136	131103000077	SMITH RICHARD ALLEN	9729 CR 24
3377	131110101002	WHITE PEAKS 2 LLC	9520 CR 24
3306	131110200025	WADE JACQUELINE	9230 CR 24
3309	131110200031	TERRA CONSTRUCTORS INC	9222 CR 24
3314	131110300016	HAGLER MANDI BROOK	9241 CR 22
1967	131135200092	BARRERA OLIVIA OROZCO	6670 CR 21
3199	131135200093	FITZGERALD W BRUCE J	6650 CR 21
1834	146910300013	ZADEL FAMILY LLLP	9075 CR 10
1771	146910300016	JZM LLC	4200 CR 19
3366	146910400019	DOMINGUEZ-PAEZ ELOY	4023 CR 21
Thunder Valley	146910401001	4 Z INVESTMENTS LLP	1451 THUNDER VALLEY CIR
Thunder Valley	146910401002	4 Z INVESTMENTS LLP	1401 THUNDER VALLEY CIR
3451	146910401003	MARTINEZ HUGO	1351 THUNDER VALLEY CIR
Thunder Valley	146910401004	LIZANNA HOMES INC	1301 THUNDER VALLEY CIR
3469	146910401005	COX STEVEN E	1251 THUNDER VALLEY CIR
Thunder Valley	146910401006	KRIZ KALI	1201 THUNDER VALLEY CIR
Thunder Valley	146910401007	JONES KYLE	1151 THUNDER VALLEY CIR
3450	146910401008	THOMPSON JAMES	1101 THUNDER VALLEY CIR
Thunder Valley	146910401009	4 Z INVESTMENTS LLP	1150 THUNDER VALLEY CIR
Thunder Valley	146910401010	SERRANO NATANAEL DE JESUS	1200 THUNDER VALLEY CIR
Thunder Valley	146910401011	PROUD TIMOTHY E	1250 THUNDER VALLEY CIR
3441	146910401011	PROUD TIMOTHY E	1250 THUNDER VALLEY CIR
Thunder Valley	146910401012	FREAD DAVID M	1400 THUNDER VALLEY CIR
Thunder Valley	146910401013	SAUCEDO CLAUDIO	1450 THUNDER VALLEY CIR
Thunder Valley	146910401015	4 Z INVESTMENTS LLP	TRACT B, THUNDER VALLEY

Additional Customers to be Served by CWCWD			
CWCWD Tap Number	Parcel Number	Parcel Owner	Address
No tap	131110201001	WHITE PEAKS LLC	9480 CR 24
No tap	146910302001	CORRAL JORGE L	No address
No tap	146910302002	BONANZA YARD LLC	No address
No tap	146910302003	4 Z INVESTMENTS LLP	No address
No tap	146910302004	4 Z INVESTMENTS LLP	No address
No tap	146910302005	4 Z INVESTMENTS LLP	No address
No tap	146910400020	4 Z INVESTMENTS LLP	No address





SUBJECT FOR DISCUSSION

Authorize the Mayor's Signature on Amendment 4 to the Jacobs Contract for a Supplemental Base Fee Increase.

SUMMARY STATEMENT/BACKGROUND DISCUSSION

Appendix F of the Jacobs contract contains a base fee adjustment formula which considers the Consumer Price Index and the Employment Cost Index. Over the last four years, Jacobs is 3.03% (\$39,938) behind the suggested base fee increase. This has contributed to difficulties hiring and retaining qualified employees. Jacobs is requesting a 2.58% (\$29,693) base fee increase, to be retro billed from January. The entirety of this supplemental increase will be invested in hiring a Lead Mechanic and supplementing the salaries of existing employees, assisting with employee retention.

FINANCIAL CONSIDERATIONS

The below table shows the previous 4 years of the default increase suggested by the contract, as well as the actual increase for that year. In the last 5 years, this is the first year Jacobs has requested an increase above the default formula.

Annual Escalation			
	Default	Actual	Difference
CY21	2.22%	2.22%	0.00%
CY22	1.67%	1.67%	0.00%
CY23	4.15%	3.70%	0.45%
CY24	7.08%	4.50%	2.58%
TOTAL	15.12%	12.10%	3.03%

Annual Base Fee			
	Default	Actual	City Savings
CY21	1,091,636	1,091,636	-
CY22	1,109,898	1,109,898	-
CY23	1,155,911	1,150,964	4,947
CY24	1,237,748	1,202,757	34,991
TOTAL			39,938

A supplemental budget resolution will be needed for the \$29,938 increase in the 2023 utility fund budget.

LEGAL/POLITICAL CONSIDERATIONS

N/A

ALTERNATIVES/OPTIONS

- Approve the amendment to the Jacobs contract
- Deny the amendment and negotiate other options

STAFF RECOMMENDATIONS

Staff seeks recommendation.

Certification of Council Approval:

Ordinance No. _____

Resolution No. _____

City Clerk

Date

Attachments:

a. Amendment No. 4 Contract

AMENDMENT NO. 4
to the
AGREEMENT
for
OPERATIONS, MAINTENANCE AND MANAGEMENT SERVICES
for
FORT LUPTON, COLORADO

THIS AMENDMENT NO. 4 is made and entered into this ____ day of _____ 2023, by and between the Fort Lupton Utility Enterprise Board (hereinafter “Owner”), whose address for any formal notice is 130 S. McKinley Avenue, Fort Lupton, CO 80621 and Operations Management International, Inc. (hereinafter “OMI”), whose address for any formal notice is 6312 S. Fiddler’s Green, Suite 300N, Greenwood Village, CO 80111.

NOW THEREFORE, the Owner and OMI hereby agree that the Agreement dated August 6, 2019 between Owner and OMI (the “Agreement”) shall be and is hereby amended and modified in the following manner for the period from January 1, 2023 through December 31, 2023:

1. Article 4.1 is hereby deleted in its entirety and replace with the following:

4.1 Owner shall pay to OMI as compensation for Services performed under this Agreement a Base Fee of One Million Two Hundred Thirty-Two Thousand Four Hundred Fifty-One Dollars (\$1,232,451) for the period of January 1, 2023 through December 31, 2023 exclusive of rebateable budgets set forth in Article 4.4, 4.5, 4.6 and 4.7 (the “Rebateable Limits”). Subsequent years’ base fee shall be determined as hereinafter specified.

Based on above revised Base Fee for calendar year 2023, OMI will include a retroactive adjustment for months already invoiced in 2023 with the invoice following this amendment execution.

All other terms and conditions remain in effect in accordance with the Agreement referenced in this Amendment. Both parties indicated their approval of this Agreement by their signatures below.

**OPERATIONS MANAGEMENT
INTERNATIONAL, INC.**

**FORT LUPTON UTILITY
ENTERPRISE BOARD**

Authorized Signature:

Authorized Signature:

Name: Andrew Appleton
Title: Vice President
Date: _____

Name: Zo Hubbard
Title: Mayor
Date: _____



Upcoming Events

April 20, 2023	Curbside Clean-up Day (For Seniors and/or Disabled Residents)
April 22, 2023	Clean-up Day, 800 12th St. 8:00 a.m. – 12:00 p.m.
April 25, 2023	Town Hall Meeting, 130 S. McKinley Ave. 6:00 p.m.
April 26, 2023	Shredding Day, 130 S. McKinley Ave. 8:00 a.m. – 10:00 a.m.
April 26-29, 2023	Field of Honor, Pearson Park 4 Complex
May 2, 2023	City Council Meeting, 130 S. McKinley Ave. 6:00 p.m.
May 7, 2023	Cinco de Mayo 5k Run/Walk, Rail Road Park 7:30 a.m.
May 9, 2023	Town Hall Meeting, 130 S. McKinley Ave. 6:00 p.m.