

### ADDENDUM #3

**PROJECT:** Farmington City  
Ivy Acres Park  
New Park Project

**DATE:** June 14, 2024

**OWNER:** Farmington City  
720 West 100 North  
Farmington, Utah 84025

**BID DATE:** June 18, 2024

**ENGINEER:** Blu Line Designs

**BID TIME:** 2:00 PM

This Addendum shall be considered part of the Contract Documents and Project Manual for the above-mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract Documents and Project Manual, the Addendum shall govern and take precedence. Acknowledgment of this addendum is done by submitting the bid on the included bid schedule.

Item 3.1 **LS-101 thru LS-105:** Reference note schedule detail call outs are incorrect. Call outs and page numbers appear to be off. Please Review, revise and advise.

- Details that were being referenced to page LS-103 have now been corrected and will be shown correctly in sheets LS101-105 Schedule. See attached.

Item 3.2 **LS-101 thru LS-105:** Site structure footings throughout are undefined and/or undesigned. Please advise.

- Yes, custom structures require additional structural design from supplier and or contractor. If footing is not provided in drawings, coordinate with manufacturer for estimated footing requirements.

Item 3.3 **A - 4.2:** Aluminum batten system attachment needs to be spec'd and designed. Please advise.

- RESPONSE: See specification 07 46 16 - ALUMINUM SIDING for aluminum batten siding design.

Item 3.4 **A - 7.3:** Approx. 68ft steel beams have an abnormally long span and will require splicing. Please design and advise.

- RESPONSE: S2.1 Added Note 6 to specify beam splice, if necessary.

Item 3.5 **LS - 502:** Detail 3 and 4 call for PermaTrak boardwalk system helical piers to be provided and installed "by others". Please provide contact information on this provider/installer. Please advise.

- **RESPONSE:** Since helical pier systems all vary somewhat, the design of the helical pier system is typically provided by the helical pier manufacturer with loads coordinated with PermaTrak. PermaTrak does not provide the helical pier design. The "by others" note is meant to communicate that PermaTrak does NOT provide the helical piers or their design. This would be the responsibility of the contractor.

Item 3.6 The Site Furnishings list in section 32 40 01 implies that everything on that list is Owner Furnished Contractor installed however there are some items on the list that seem like they are Contractor furnished like the boardwalk. Permatrak is under the assumption the boardwalk is Contractor Furnished and is sending the contractor's their quotes. Please clarify.

- **RESPONSE:** This section does not intend to imply everything on the list is to be owner furnished nor should it. Not all items on list are to be furnished by owner and it states that.

Item 3.7 Further Clarification to Addenda item 2.4  
ORIGINAL RESPONSE:

- Farmington City will furnish and install Soap Dispensers. Contractor to furnish and install Toilet Paper Dispenser, Sanitary Napkin Disposal and Hand Dryer. Items are to be stainless steel. Paper Towel Dispensers will be removed from the project.

FURTHER CLARIFCATION:

- **RESPONSE:** Farmington City will furnish and install Soap Dispensers. Contractor to furnish and install Toilet Paper Dispenser, Sanitary Napkin Disposal and Hand Dryer. Items are to be stainless steel. Paper Towel Dispensers will be removed from the project. See updated ACCESSORY ABBREVIATION legend on sheets A2.1 and A9.1. See revised specifications attached.

Item 3.8 Addendum 2, item 2.6 - Are cut/fill calculations accurate?

- **RESPONSE:** Quantities are updated in bid form. See attached.

<b>- Landscaping Volumes</b>				
Topsoil	123143	cf	4561	cy
Mulch	15617	cf	578	cy
Sod	275730	sf	0	cy
<b>Total Volume</b>			<b>5139</b>	<b>CY</b>

<b>Surface Volume Analysis</b>		
Cut	6,945	CY
Fill	37,451	CY
Net	30,506	CY Fill
<b>Imported Material Fill Volume</b>		
Total Material Volume	5,027	CY
<b>Net Fill Material Required</b>	<b>20,340</b>	<b>CY Fill</b>
Total Landscaping Material	5139	CY

-

Item 3.9      Roofer is saying the specs call for a 30 year warranty however he will warranty an 80 mil TPO roof not 60 mil (which is spec'd). 80 mil is significantly more money. Also, he wants to verify if R30 is required for insulation under the roof.

- **RESPONSE: 60 mil is approved, R30 is required for above deck insulation.**

Item 3.10      On the building section page (A5.1) roof assembly 4-1 is called for over the restroom area (roughly grid lines B-C). Assembly 4-1 calls for R-49 batt insulation. This is not going to work. The roof joists are 9.5" TJI's and we would need 16" of space to achieve an R-49 with fiberglass batts. The only way to achieve an R-49 in that cavity is to spray 7" of closed cell foam there. Is the intent to have fiberglass batts there (The highest R-value would be R-30) or is the intent to have the spray foam there to get to the R-49?

- **RESPONSE: Bid for closed cell spray foam to achieve an R-49**

Item 3.11      General Changes/Additions to the construction drawings

- **Sheet LS506: Details 6 & 7 for artificial turf added**
- **Sheet LS501: Details 2 & 6 Updated to reflect curbing required for artificial turf nailer**
- **Sheet LS402: Note added to Basketball Court to see specifications for basketball hoop requirements**
- **Sheet LS401: Curbing size updated on enlargement 3 for Course**
- **Sheets LS100-LS105: Updates to Detail Call outs in reference notes schedule to accurately reflect location of details**
- **Sheet LP502: Pollinator Kit information update to indicate it is not in part of bid and update schedule to reflect Biomeadow Sod**

- Sheets C102-C103: Label ADA Stalls, Add ADA signage and Ramp Locations
- Sheets C201-C205: Grading Adjustments
- Sheet C400: Added Ramp Railing Detail
- Sheet S0.1: Amended reference to site specific geotechnical report

Item 3.12 Geotechnical Report Update

- **RESPONSE: See attached for addressed discrepancy in boardwalk material type**

Item 3.13 Detail 006 on sheet ss501 shows encapsulated post tension tendons, the spec does not reference encapsulated tendons and this is not common for sports courts in this region. Is the intention to have an encapsulated system?

- **Response: Yes, it is to be an encapsulated system**

Item 3.14 What is the correct depth of topsoil for planter bed areas? Item J on bid schedule calls – 8” depth (planting bed), and spec 329301 3.3A1 states “8” of premium topsoil in planting beds”, but on sheet LP501 Landscape note #10 says “Install 12” of premium or amended topsoil in all manicured shrub bed areas”. Sheet LP502 Plant schedule calls for “Biomeadow by Biograss” seed and item F on the bid schedule calls for “Biomeadow (seed by biograss)”, but spec 329200 2.1B calls for “Biomeadow Sod”. Should it be sod or seed? What is the desired depth of topsoil for the biomeadow areas? Will onsite soil be available for topsoil use or will it all need to be import topsoil?

- **Response: Planting Beds shall have 8” Topsoil. Biomeadow is to be sod and have 4” topsoil. No additional topsoil is available beyond what is specified on geotechnical report and compatible with specifications.**

Item 3.15 2 different possible elevations on the stream. Is the stream to remain the current elevation or the lowest proposed elevation? The geo tech is calling the pathway to be wood, and the Permatrack calls out precast. Will the geo tech and helical piers support this discrepancy? Please clarify. Can the 30” height on the pathway that requires handrail be identified? Shade structures are called out installed by others. Please clarify. Can the balance Tank on SP 420 be cast in place? Can the bid date be extended 2 weeks?

- **Response: Current Elevation. Geotech has been updated and is attached. Contractor will have to field verify. Shade structures will be installed by contractor. Yes, balance tank on SP420 can be cast in place in a design-build approach. The provider of the TANK will need to do the engineering of it, and Water Design will have input for cold joints and waterstops, etc.. No, not extended.**

Item 3.16 Electrical Clarifications

*CLARIFICATION TO THE BIDDERS:*

1. All tree fixtures (provide the types) and controls, and low voltage control wiring to be provided and installed by Dan Toon. Power circuiting to low voltage controller provided by electrical contractor.

*CHANGES TO THE SPECIFICATIONS:*

1. **SPECIFICATION 26 5650** TO BE REPLACED WITH MUSCO SPECIFIED SPEC AT END OF NARATIVE.

*CHANGES TO THE DRAWINGS:*

**SHEET E002**

1. **Add Contractor Allowance (CA) pricing for the following fixture types; CS1 (\$3,936), O1 (\$4,321), O2 (\$4,217), and O3 (\$3,811).**

**SHEET E004**

1. Panel Schedule HP1. Circuits 1, 3, 5, 7, 9. Changed Musco Court Circuit Breakers from 20A to 30A breakers to meet Musco requirements.
2. Panel Schedule L1. Circuits 28,29. Changed circuit naming convention for identifiability.
3. Panel schedule MPD, HL1, LDP changed to show AIC ratings.
4. Changed out (4) spare breakers on panel L2 for (4) 20A circuits [33,35,34,36]

**SHEET E152**

1. Updated General notes to note details on wet location receptacle.
2. Added (4) junction for hand dryers.

*[PRIOR APPROVAL OF MANUFACTURERS OF ELECTRICAL EQUIPMENT*

The following items, trade names, products and manufacturers are approved for bidding. Approval does not relieve the bidder from satisfying the intent of the requirements of drawings, specifications and addenda in every respect. Failure to conform to the design quality and standards specified, established and required may result in later disapproval. If equipment must be disapproved after bidding, supplier shall supply specified equipment at no extra cost to the Owner.

Items are listed generally and specific model number, etc. shall be as submitted. Items submitted but not approved, either did not satisfy the requirements, or showed insufficient data, or arrived after the 8 day deadline established for submittals.]

<u>TYPE</u>	<u>SPECIFIED</u>	<u>APPROVED</u>	<u>APPROVED</u>	<u>APPROVED</u>
C4	KENALL	-		
C4E	KENALL	-		
CS1	COOPER	-		
D4	COOPER	-		
D4E	COOPER	-		
L1	KENALL	-		
O1	COOPER	-		
O2	COOPER	-		
O3	COOPER	-		
OA	PRIMUS LIGHTING	-		
OB1	COOPER	-		
OC	LUMASCAPE			

OC1	CAMMAN LIGHTING	-		
OC2	CAMMAN LIGHTNG	-		
<b><u>TYPE</u></b>	<b><u>SPECIFIED</u></b>	<b><u>QUANTUM APPROVED</u></b>	<b><u>APPROVED</u></b>	<b><u>APPROVED</u></b>
OC3	CAMMAN LIGHTING	-	-	-
OD	H.E.W	COOPER	-	-
OF	LUMINAIRE LED	-	-	-
OW2	LITHONIA LIGHTING	COOPER	-	-
P1	MUSCO	-	-	-
P2	MUSCO	-	-	-
P3	MUSCO	-	-	-
P4	MUSCO	-	-	-
P5A	MUSCO	-	-	-
P5B	MUSCO	-	-	-
P6	MUSCO	-	-	-
S4	METALUX	-	-	-
SP4	DAY-BRITE	COOPER	-	-
SP4E	DAY-BRITE	COOPER	-	-

BID FORM  
IVY ACRES PARK

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ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Farmington City Hall; 160 South Main St, Farmington, UT, 84025

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum Date</u>
#1 _____	5/20/2024__
#2 _____	6/3/2024__
#3 _____	6/14/2024__
_____	_____

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports



and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Landscape Architect written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Landscape Architect is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.
- K. Bidder is aware of items included in the basis of bid as described in the measurement and payment.

#### ARTICLE 4 – BIDDER'S CERTIFICATION

##### 4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
  - 1. “corrupt practice” means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
  - 2. “fraudulent practice” means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
  - 3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
  - 4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Unit Price Schedule – Basis of Bid					
Item	Description	Unit	Est. Qty.	Unit Cost	Total Cost
1.	Bonds				
	A. Payment Bond	Lump	1		
	B. Performance Bond	Lump	1		
	C. Other				
	Sub Total Bonds				
2.	General Conditions				
	A. Mobilization	Lump	1		
	B. Permits and Fees	Lump	1		
	C. Materials Testing	Lump	1		
	D. Traffic Control	Lump	1		
	E. Temporary Controls/SWPPP	Lump	1		
	F. Other				
	Sub Total General Conditions				
3.	Demolition				
	A. Demolition And Removal - Per Drawings	Lump	1		
	B. Clearing and Grubbing – Per Drawings (Including Tree Removal)	Acre	11.16		
	C. Other				
	Sub Total Demolition				
4.	Utilities and Site Drainage				

	A.	Water Meter, Hydrant and Service Lines	Lump	1		
	B.	Gas Service & Lines	Lump	1		
	C.	Storm Drainage	Lump	1		
	D.	Sanitary Sewer System & Low-Pressure Pump	Lump	1		
	E.	Electrical Service	Lump	1		
	F.	Site Electrical	Lump	1		
	G.	Site Lighting (Excluding Sports Court)	Lump	1		
	H.	Video Surveillance & Security System	Lump	1		
	I.	Data and Internet	Lump	1		
	J.	Other				
	Sub Total Utilities and Site Drainage					
5.	Site Grading					
	A.	Rough Grading (Cut)	Cu.Yd	6,945		
	B.	Cut (Spread on Site)	Cu.Yd	6,944		
	C.	Rough Grading (Fill - Does not include base materials required for hardscapes, cut soil, or topsoil for planting beds or sod areas)	Cu.Yd	20,340		
	D.	Misc. Grading				
	Sub Total Site Grading					
6.	Hardscape					
	A.	Concrete Walkways, Landscape Curbing/Edging and Pads (Exclude Sports Courts and Interactive water feature w/in Crest)	Sq. Ft.	85,000		
	B.	Specialty Pavers Under Tree Monument	Sq. Ft.	3,140		
	C.	ADA Ramps	Each	4		
	D.	Decomposed Granite Paths with Aluminum Edging	Lump	1		
	E.	Asphalt Parking Lot & Striping	Lump	1		

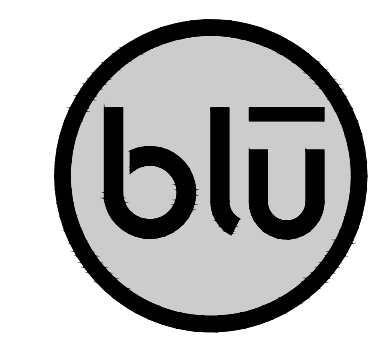
	F.	Drive Aprons, Curb and Gutter	Lump	1		
	G.	Traffic/Parking Signage	Lump	1		
	H.	Concrete Stairs with Handrails	Lump	1		
	I.	Other				
	Subtotal Hardscape					
7.	Sport Courts and Play Features					
	A.	Pickleball Courts (Post Tension), Fencing, Nets and Surfacing	Lump	1		
	B.	Basketball Court (Post Tension), Standards, and Surfacing	Lump	1		
	C.	Court Lighting, Controls, and Push Button Activators	Lump	1		
	D.	Ninja Warrior Course with 40 Yd Dash & Controls	Lump	1		
	E.	Climbing Boulder	Each	2		
	F.	Artificial Turf (excluding 40 yd dash)	Sq. Ft.	9,635		
	G.	Ninesquare	Lump	1		
	H.	Cornhole	Each	2 sets		
	I.	Hammock/Slack Line Pole	Lump	1		
	J.	Other				
	Subtotal Sport Courts and Play Features					
8.	Interactive Water Feature					
	A.	All Necessary Plumbing, Mechanical, Equipment and Electrical Within Pavilion	Lump	1		
	B.	Concrete Within Feature Crest	Lump	1		
	C.	Headwater Tree (Installation Only)	Lump	1		
	D.	Pedestrian Bridges Over Channel	Each	2		
	E.	Exterior of Pavilion Plumbing, Sprays and Nozzles	Lump	1		
	F.	Signage	Lump	1		

	G.	Pebble Seats	Lump	1		
	H.	Other				
	Subtotal Interactive Water Feature					
9.	Site Structures					
	A.	Large Pavilion With Restroom & All Associated MEP Within 5' of Building Apron. Excludes All Necessary Plumbing, Electrical, and Equipment Required for Interactive Water Feature	Lump	1		
	B.	Maintenance Building & All Associated Utilities Within 5' of Building Apron	Lump	1		
	C.	Circular Shade Canopy with Fabric	Each	4		
	D.	Park Entry Sign	Lump	1		
	E.	Custom Shade Canopy (Oval Leaf Shape)	Each	6		
	F.	Rectangular Custom Shade Canopy (Near Interactive Water Feature)	Lump	1		
	G.	Tree Monument (Footing and Conduit Only)	Lump	1		
	H.	Dumpster Enclosure	Lump	1		
	I.	Fireplace With Trellis Structure	Lump	1		
	J.	Metal Light Structure with Fence	Lump	1		
	K.	Steel Structure with Large Swings	Each	6		
	L.	Steel Stage Structure with Lounge & Cable Railing	Lump	1		
	M.	Permatrak Boardwalk with Railing - Locations above 30"	Lump	1		
	N.	Other				
	Subtotal For Site Structures					
10.	Site Furnishings					
	A.	Backless Bench (Owner Provided, Contractor Installed)	Lump	1		
	B.	Backed Bench (Owner Provided, Contractor Installed)	Lump	1		

	C.	Circular Bench (Owner Provided, Contractor Installed)	Lump	1		
	D.	Adirondack Style Chair (Owner Provided, Contractor Installed)	Lump	1		
	E.	Low Table (Owner Provided, Contractor Installed)	Lump	1		
	F.	Café Table And Chairs (Owner Provided, Contractor Installed)	Lump	1		
	G.	Picnic Table (Owner Provided, Contractor Installed)	Lump	1		
	H.	Bicycle Rack (Owner Provided, Contractor Installed)	Lump	1		
	I.	Marquee Board (Owner Provided, Contractor Installed)	Lump	1		
	J.	Other				
		Sub Total Site Furnishings				
11.	Landscaping and Irrigation					
	A.	Deciduous Tree (2" Caliper)	Each	224		
	B.	Evergreen Tree (8'-10')	Each	12		
	C.	Shrub (5 Gallon)	Each	328		
	D.	Perennial (1 Gallon)	Each	2,174		
	E.	Sod	Sq. Ft	192,904		
	F.	Biomeadow (Seed By Biogross)	Sq.Ft.	81,622		
	G.	Wood Mulch	Sq. Ft.	36,080		
	H.	Rock Mulch	Sq. Ft.	9,472		
	I.	4" Depth Topsoil (Sod) – Total soil volume for items I. and J. estimated to be 4,561 Cubic Yards	Cu.Yd			
	J.	8" Depth (Planting Bed) – Total soil volume for items I. and J. estimated to be 4,561 Cubic Yards	Cu.Yd			
	K.	POC Assembly (Isolation Valves, Filter & Strong Box, Master Valve, Quick Coupler)	Lump	1		
	L.	Irrigation Controller	Lump	1		
	M.	Irrigation Mainline	Lump	1		

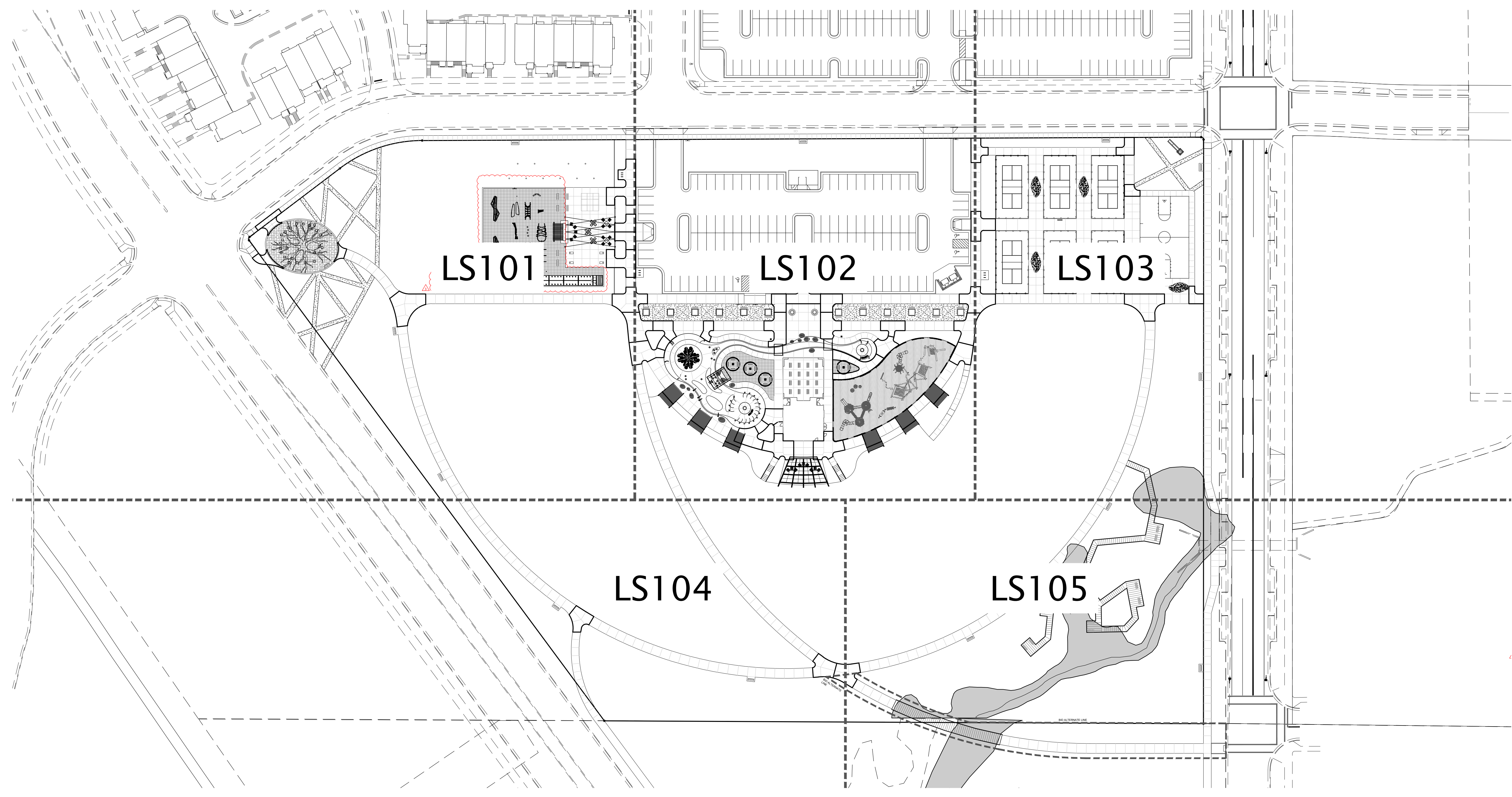
	N.	Irrigation Drip Zone	Lump	1		
	O.	Irrigation Spray Zone	Lump	1		
	P.	Other				
Sub Total Landscaping and Irrigation						
12.	Miscellaneous					
Subtotal Miscellaneous						
<b>Total Base Bid</b>						
1.	Bid Alternate					
	A.	Permatrak Bridge and Railing - Bid Alt	Lump	1		
	B.	Concrete Walkways and ADA Ramp - Bid Alt	Lump	1		
	C.	Grading - Bid Alt	Lump	1		
	D.	Site Lighting (Excluding Sports Court) – Bid Alt	Lump	1		
	E.	Circular Shade Canopy (Custom Steel Shade) - Bid Alt	Each	4		
	F.	Plant Kit Installation (If applicable) – Bid Alt	Lump	1		
<b>Bid Alternate Total</b>						





**blu line designs**  
 planning | landscape architecture | design  
 8719 S. Sandy Parkway  
 Sandy, UT 84070  
 p 801.913.7994

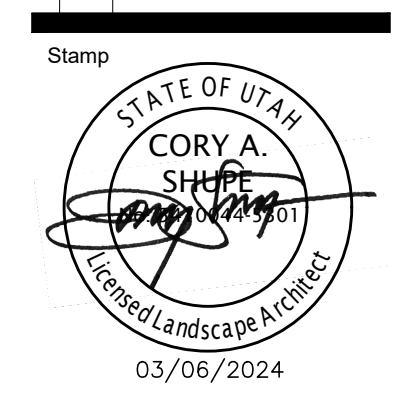
**CLIENT**  
 FARMINGTON CITY  
 CONTACT: SYLVIA CLARK  
 PH: 801.939.9295  
 EMAIL: SCLARK@FARMINGTON.UTAH.GOV



**IVY ACRES PARK**

1397 WEST COOK LANE  
 FARMINGTON, UT

REVISIONS	
NO.	DESCRIPTION
1	ADJUST ADDRESS



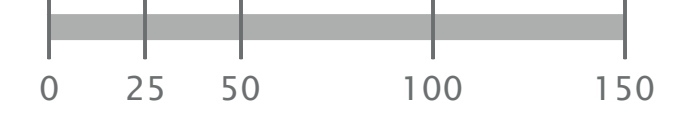
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 Drawn By: BP, TH  
 Date: 03/06/2024  
 Checked By: CS  
 Project No: 22-246

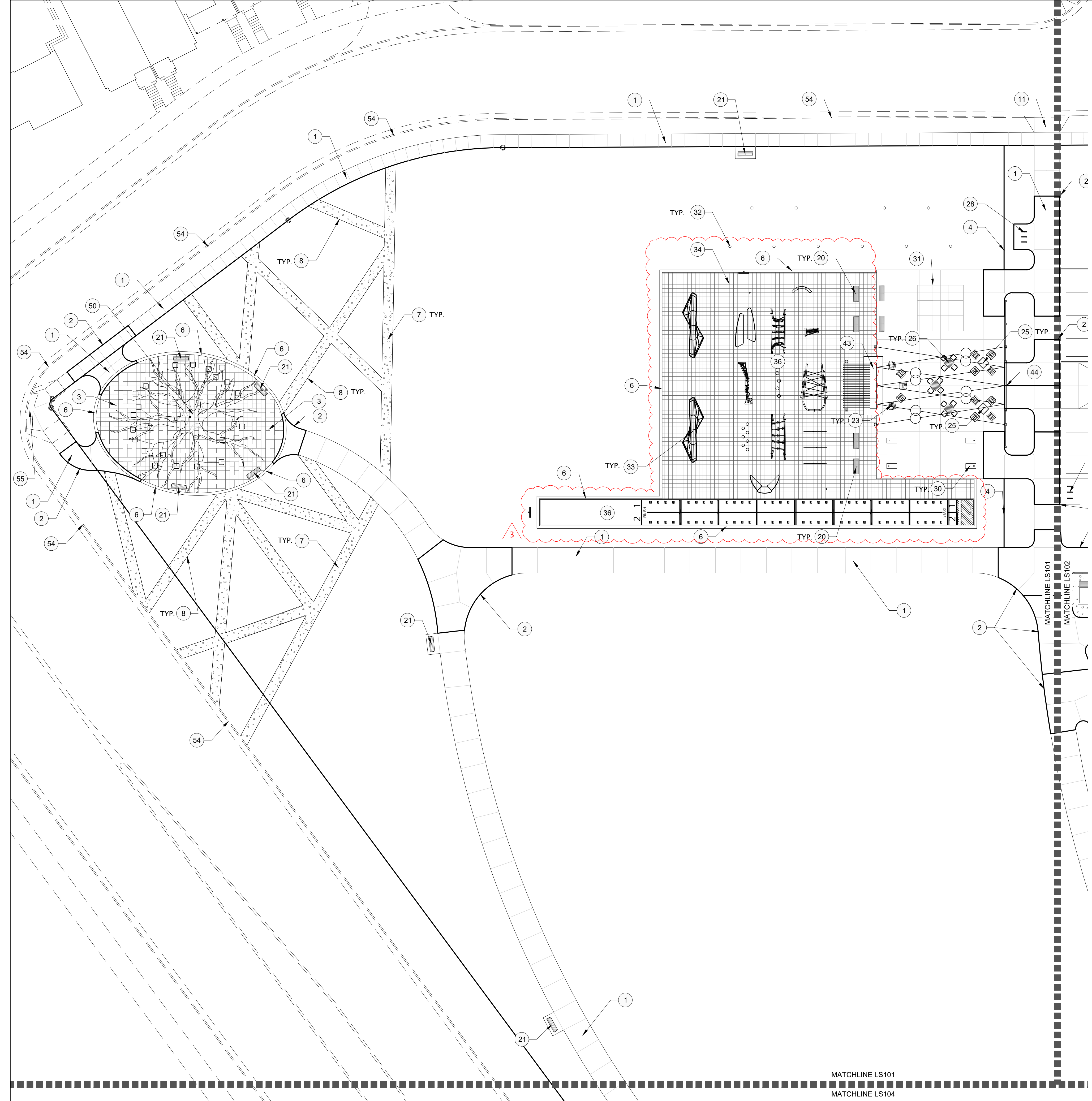
Drawing Title  
**OVERALL SITE PLAN**

Drawing number

**LS100**

Scale: 1" = 50'-0"

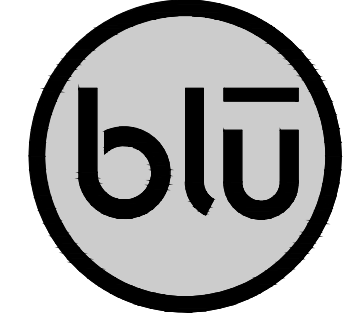
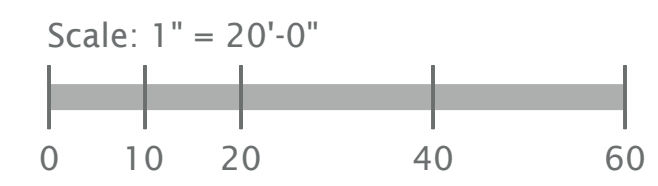




REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
1	CONCRETE WALKWAY	
2	MONOLITHICALLY POURED SIDEWALK	1/LS501
3	BELGARD PAVERS - SEE LS401	2/LS501
4	6" CONCRETE EDGER	3/LS501
5	6" PLANTER CURB	4/LS501
6	12" CONCRETE CURB	6/LS501
7	DECOMPOSED GRANITE PATHS	7/LS501
8	ALUMINUM EDGING	8/LS501
9	PARKING LOT - SEE CIVIL	
10	CURB AND GUTTER - SEE CIVIL	
11	ADA RAMP - SEE CIVIL	
12	CONCRETE STAIRS	9/LS501
13	HAND RAIL	10/LS501
14	BOARDWALK WITH VIEWING PLATFORMS	2/LS502
15	BOARDWALK BRIDGE - BID ALTERNATE	2/LS502
16	PICKLEBALL COURTS - SEE LS402	
17	6' PICKLEBALL COURT EXTERIOR FENCE	7/LS502
18	4' INTERIOR PICKLEBALL COURT FENCE	8/LS502
19	BASKETBALL COURT - SEE LS402	
20	BACKLESS BENCH	10/LS502
21	BACKED BENCH	11/LS502
22	CIRCULAR BENCH	1/LS503
23	ADIRONDACK STYLE CHAIR	2/LS503
24	PEBBLE SEAT	3/LS503
25	LOW TABLE	4/LS503
26	CAFE TABLE AND CHAIRS	5/LS503
27	PICNIC TABLE	6/LS503
28	BICYCLE RACK	7/LS503
29	MARQUEE BOARD	8/LS503
30	CORNHOLE	9/LS503
31	NINE SQUARE	10/LS503
32	HAMMOCKING POLE	1/LS504
33	CLIMBING BOULDER	11/LS503
34	ARTIFICIAL TURF	12/LS503,5&6/LS506
35	POURED-IN-PLACE RUBBER SURFACING SUBGRADE	2/LS504
36	GAMETIME PRO 5000 CHALLENGE COURSE WITH 40 YD DASH	3/LS504
37	CUSTOM SHADE CANOPY	4/LS504
38	RECTANGULAR CUSTOM SHADE CANOPY	6/LS504
39	CIRCULAR SHADE CANOPY	7/LS504
40	PEDESTRIAN BRIDGE	1/LS505
41	PARK ENTRY SIGN	3/LS505
42	DUMPSTER ENCLOSURE	4/LS505
43	FIRE PLACE WITH TRELIS STRUCTURE	5/LS505
44	METAL LIGHT STRUCTURE WITH FENCE	2/LS506
45	STEEL STRUCTURE WITH LARGE SWINGS	3/LS506
46	STEEL STRUCTURE WITH STAGE/LOUNGE	1/LS507
47	PARK BUILDING - SEE ARCHITECTURAL	
48	LARGE PAVILION WITH RESTROOMS & WATER FEATURE MECHANICAL - SEE ARCHITECTURAL	
49	INTERACTIVE WATER FEATURE - SEE WATER DESIGN	
50	TREE MONUMENT WITH CUBE LIGHTS (N.I.C.)	4/LS506
51	PLAYGROUND (N.I.C.)	
52	FARMERS MARKET TENT SPACES (N.I.C.)	
53	ENHANCED WETLANDS	
54	EXISTING CURB AND GUTTER	
55	EXISTING ADA RAMP	
56	EXISTING CONCRETE PLATFORM TO BE MODIFIED	
57	EXISTING STREAM	

SYMBOL	DESCRIPTION
	BELGARD PAVERS
	DECOMPOSED GRANITE
	ARTIFICIAL TURF
	POURED-IN-PLACE RUBBER SURFACING SUBGRADE



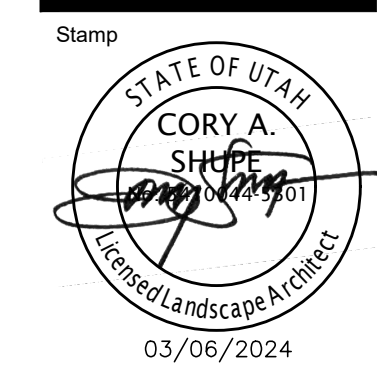
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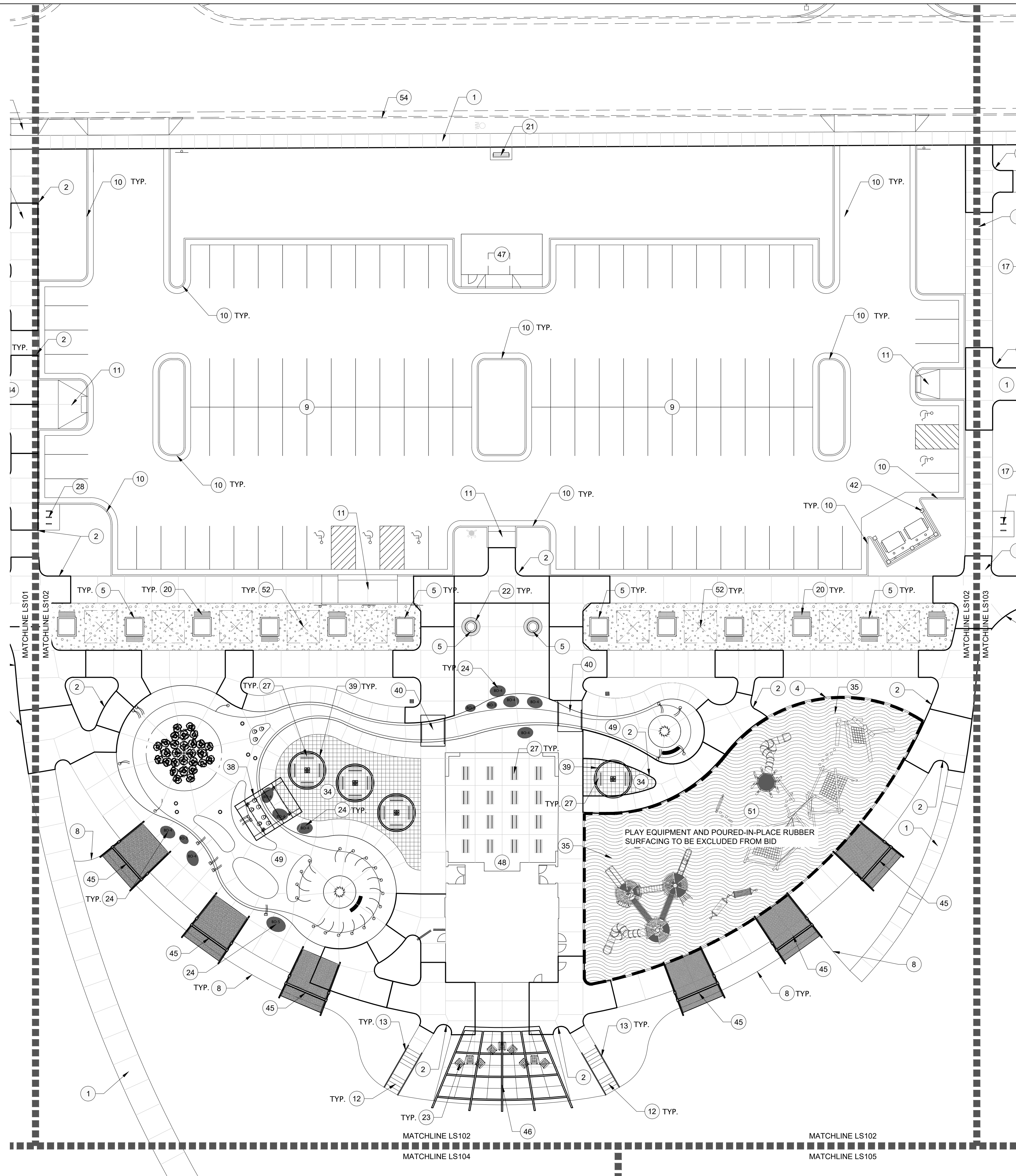
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 1397 WEST COOK LANE  
 FARMINGTON, UT

NO.	DATE	DESCRIPTION
1	03/06/2024	REVISIONS



03/06/2024  
 Designed By: BP  
 Drawn By: BP, TH  
 Date: 03/06/2024  
 Checked By: CS  
 Project No: 22-246

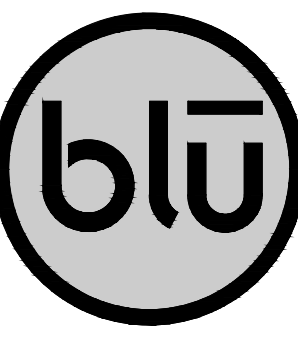
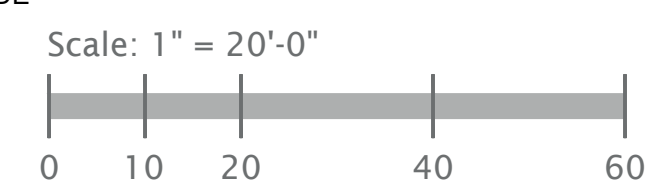
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**SITE PLAN**  
 Drawing number  
**LS101**



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
1	CONCRETE WALKWAY	
2	MONOLITHICALLY POURED SIDEWALK	1/LS501
3	BELGARD PAVERS - SEE LS401	2/LS501
4	6" CONCRETE EDGER	3/LS501
5	6" PLANTER CURB	4/LS501
6	12" CONCRETE CURB	6/LS501
7	DECOMPOSED GRANITE PATHS	7/LS501
8	ALUMINUM EDGING	8/LS501
9	PARKING LOT - SEE CIVIL	
10	CURB AND GUTTER - SEE CIVIL	
11	ADA RAMP - SEE CIVIL	
12	CONCRETE STAIRS	9/LS501
13	HAND RAIL	10/LS501
14	BOARDWALK WITH VIEWING PLATFORMS	2/LS502
15	BOARDWALK BRIDGE - BID ALTERNATE	2/LS502
16	PICKLEBALL COURTS - SEE LS402	
17	6' PICKLEBALL COURT EXTERIOR FENCE	7/LS502
18	4' INTERIOR PICKLEBALL COURT FENCE	8/LS502
19	BASKETBALL COURT - SEE LS402	
20	BACKLESS BENCH	10/LS502
21	BACKED BENCH	11/LS502
22	CIRCULAR BENCH	1/LS503
23	ADIRONDACK STYLE CHAIR	2/LS503
24	PEBBLE SEAT	3/LS503
25	LOW TABLE	4/LS503
26	CAFE TABLE AND CHAIRS	5/LS503
27	PICNIC TABLE	6/LS503
28	BICYCLE RACK	7/LS503
29	MARQUEE BOARD	8/LS503
30	CORNHOLE	9/LS503
31	NINE SQUARE	10/LS503
32	HAMMOCKING POLE	1/LS504
33	CLIMBING BOULDER	11/LS503
34	ARTIFICIAL TURF	12/LS503,586/LS506
35	POURED-IN-PLACE RUBBER SURFACING SUBGRADE	2/LS504
36	GAMETIME PRO 5000 CHALLENGE COURSE WITH 40 YD DASH	3/LS504
37	CUSTOM SHADE CANOPY	4/LS504
38	RECTANGULAR CUSTOM SHADE CANOPY	6/LS504
39	CIRCULAR SHADE CANOPY	7/LS504
40	PEDESTRIAN BRIDGE	1/LS505
41	PARK ENTRY SIGN	3/LS505
42	DUMPSTER ENCLOSURE	4/LS505
43	FIRE PLACE WITH TRELIS STRUCTURE	5/LS505
44	METAL LIGHT STRUCTURE WITH FENCE	2/LS506
45	STEEL STRUCTURE WITH LARGE SWINGS	3/LS506
46	STEEL STRUCTURE WITH STAGE/LOUNGE	1/LS507
47	PARK BUILDING - SEE ARCHITECTURAL	
48	LARGE PAVILION WITH RESTROOMS & WATER FEATURE MECHANICAL - SEE ARCHITECTURAL	
49	INTERACTIVE WATER FEATURE - SEE WATER DESIGN	
50	TREE MONUMENT WITH CUBE LIGHTS (N.I.C.)	4/LS506
51	PLAYGROUND (N.I.C.)	
52	FARMERS MARKET TENT SPACES (N.I.C.)	
53	ENHANCED WETLANDS	
54	EXISTING CURB AND GUTTER	
55	EXISTING ADA RAMP	
56	EXISTING CONCRETE PLATFORM TO BE MODIFIED	
57	EXISTING STREAM	

SYMBOL	DESCRIPTION
[Grid Pattern]	BELGARD PAVERS
[Dotted Pattern]	DECOMPOSED GRANITE
[Cross-hatch Pattern]	ARTIFICIAL TURF
[Wavy Line Pattern]	POURED-IN-PLACE RUBBER SURFACING SUBGRADE



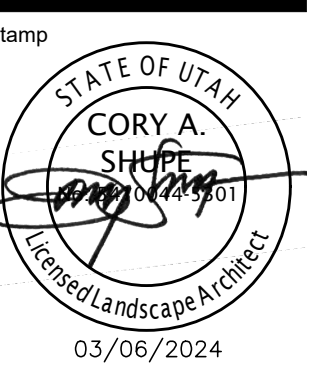
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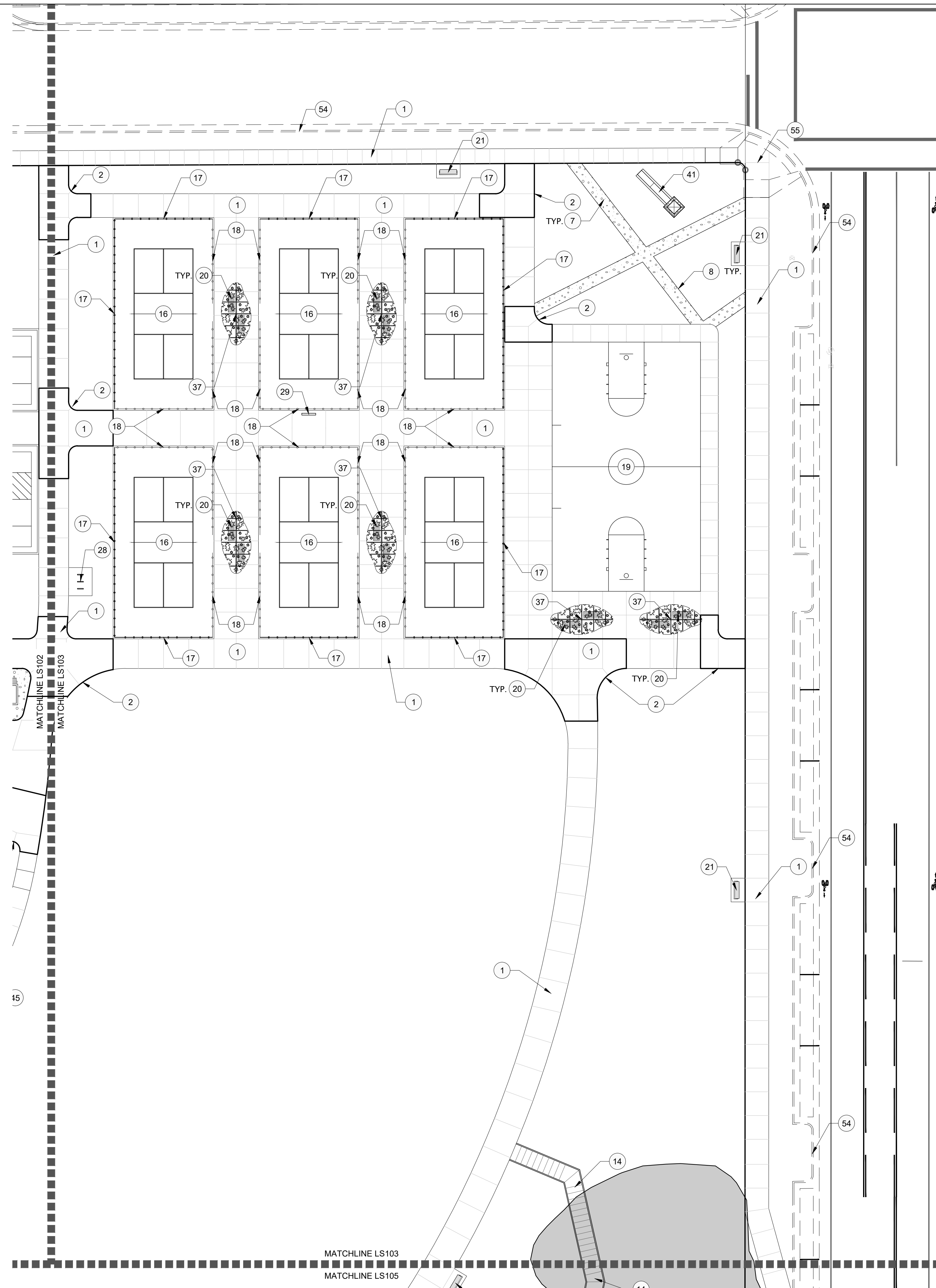
REVISIONS	
NO.	DESCRIPTION
3	ADDITION OF HATCHWORK



Designed By: BP  
 Drawn By: BP, TH  
 Date: 03/06/2024  
 Checked By: CS  
 Project No: 22-246

Drawing Title  
**SITE PLAN**

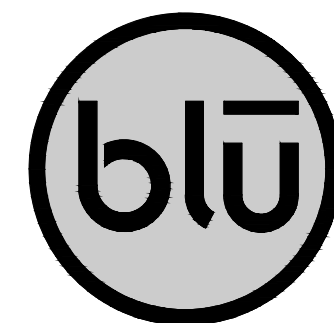
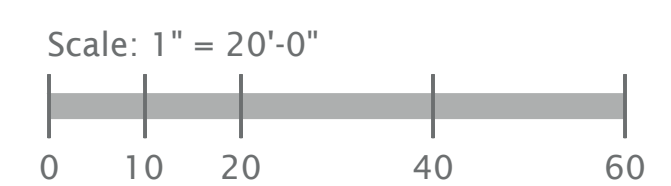
Drawing number  
**LS102**



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
1	CONCRETE WALKWAY	
2	MONOLITHICALLY POURED SIDEWALK	1/LS501
3	BELGARD PAVERS - SEE LS401	2/LS501
4	6" CONCRETE EDGER	3/LS501
5	6" PLANTER CURB	4/LS501
6	12" CONCRETE CURB	6/LS501
7	DECOMPOSED GRANITE PATHS	7/LS501
8	ALUMINUM EDGING	8/LS501
9	PARKING LOT - SEE CIVIL	
10	CURB AND GUTTER - SEE CIVIL	
11	ADA RAMP - SEE CIVIL	
12	CONCRETE STAIRS	9/LS501
13	HAND RAIL	10/LS501
14	BOARDWALK WITH VIEWING PLATFORMS	2/LS502
15	BOARDWALK BRIDGE - BID ALTERNATE	2/LS502
16	PICKLEBALL COURTS - SEE LS402	
17	6' PICKLEBALL COURT EXTERIOR FENCE	7/LS502
18	4' INTERIOR PICKLEBALL COURT FENCE	8/LS502
19	BASKETBALL COURT - SEE LS402	
20	BACKLESS BENCH	10/LS502
21	BACKED BENCH	11/LS502
22	CIRCULAR BENCH	1/LS503
23	ADIRONDACK STYLE CHAIR	2/LS503
24	PEBBLE SEAT	3/LS503
25	LOW TABLE	4/LS503
26	CAFE TABLE AND CHAIRS	5/LS503
27	PICNIC TABLE	6/LS503
28	BICYCLE RACK	7/LS503
29	MARQUEE BOARD	8/LS503
30	CORNHOLE	9/LS503
31	NINE SQUARE	10/LS503
32	HAMMOCKING POLE	1/LS504
33	CLIMBING BOULDER	11/LS503
34	ARTIFICIAL TURF	12/LS503, 586/LS506
35	POURED-IN-PLACE RUBBER SURFACING SUBGRADE	2/LS504
36	GAMETIME PRO 5000 CHALLENGE COURSE WITH 40 YD DASH	3/LS504
37	CUSTOM SHADE CANOPY	4/LS504
38	RECTANGULAR CUSTOM SHADE CANOPY	6/LS504
39	CIRCULAR SHADE CANOPY	7/LS504
40	PEDESTRIAN BRIDGE	1/LS505
41	PARK ENTRY SIGN	3/LS505
42	DUMPSTER ENCLOSURE	4/LS505
43	FIRE PLACE WITH TRELIS STRUCTURE	5/LS505
44	METAL LIGHT STRUCTURE WITH FENCE	2/LS506
45	STEEL STRUCTURE WITH LARGE SWINGS	3/LS506
46	STEEL STRUCTURE WITH STAGE/LOUNGE	1/LS507
47	PARK BUILDING - SEE ARCHITECTURAL	
48	LARGE PAVILION WITH RESTROOMS & WATER FEATURE MECHANICAL - SEE ARCHITECTURAL	
49	INTERACTIVE WATER FEATURE - SEE WATER DESIGN	
50	TREE MONUMENT WITH CUBE LIGHTS (N.I.C.)	4/LS506
51	PLAYGROUND (N.I.C.)	
52	FARMERS MARKET TENT SPACES (N.I.C.)	
53	ENHANCED WETLANDS	
54	EXISTING CURB AND GUTTER	
55	EXISTING ADA RAMP	
56	EXISTING CONCRETE PLATFORM TO BE MODIFIED	
57	EXISTING STREAM	

SYMBOL	DESCRIPTION
[Grid Pattern]	BELGARD PAVERS
[Dotted Pattern]	DECOMPOSED GRANITE
[Cross-hatch Pattern]	ARTIFICIAL TURF
[Wavy Pattern]	POURED-IN-PLACE RUBBER SURFACING SUBGRADE



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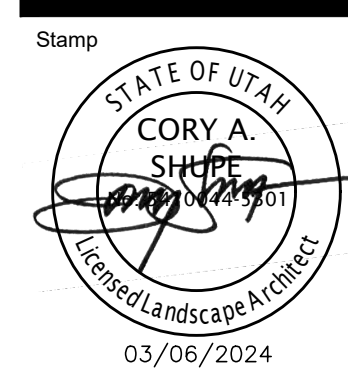
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1	03/06/2024	REVISION 1

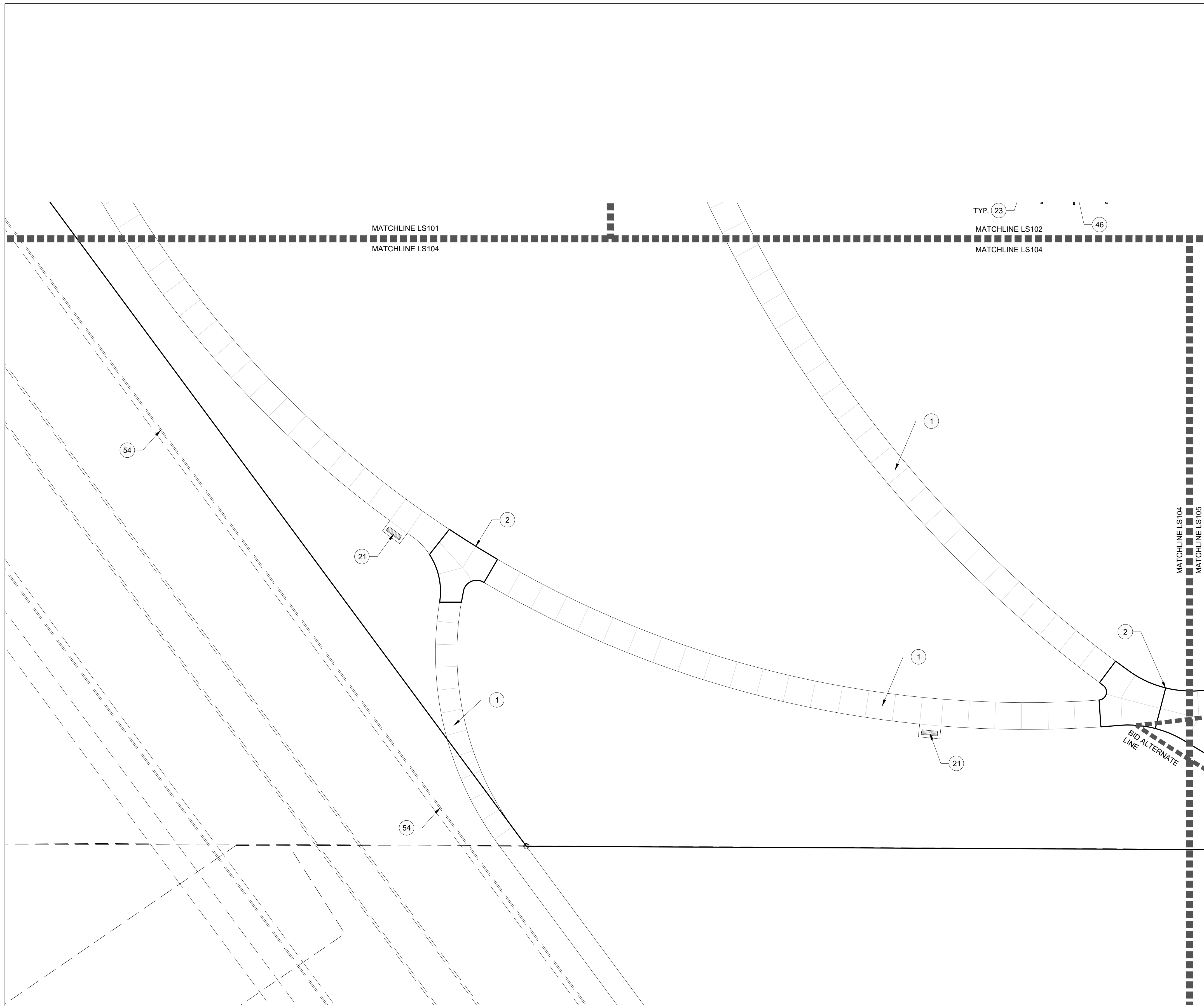


03/06/2024  
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 Drawn By: BP, TH  
 Date: 03/06/2024  
 Checked By: CS  
 Project No: 22-246

Drawing Title  
**SITE PLAN**

Drawing number

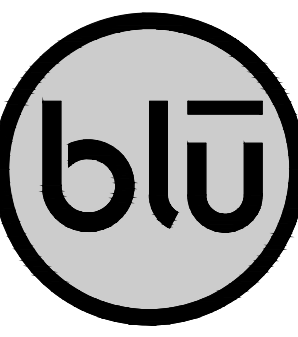
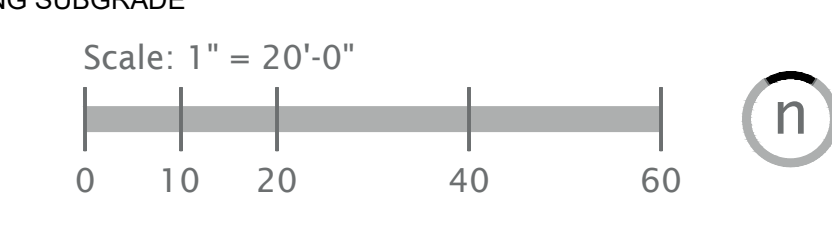
**LS103**



REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
1	CONCRETE WALKWAY	
2	MONOLITHICALLY POURED SIDEWALK	1/LS501
3	BELGARD PAVERS - SEE LS401	2/LS501
4	6" CONCRETE EDGER	3/LS501
5	6" PLANTER CURB	4/LS501
6	12" CONCRETE CURB	6/LS501
7	DECOMPOSED GRANITE PATHS	7/LS501
8	ALUMINUM EDGING	8/LS501
9	PARKING LOT - SEE CIVIL	
10	CURB AND GUTTER - SEE CIVIL	
11	ADA RAMP - SEE CIVIL	
12	CONCRETE STAIRS	9/LS501
13	HAND RAIL	10/LS501
14	BOARDWALK WITH VIEWING PLATFORMS	2/LS502
15	BOARDWALK BRIDGE - BID ALTERNATE	2/LS502
16	PICKLEBALL COURTS - SEE LS402	
17	6' PICKLEBALL COURT EXTERIOR FENCE	7/LS502
18	4' INTERIOR PICKLEBALL COURT FENCE	8/LS502
19	BASKETBALL COURT - SEE LS402	
20	BACKLESS BENCH	10/LS502
21	BACKED BENCH	11/LS502
22	CIRCULAR BENCH	1/LS503
23	ADIRONDACK STYLE CHAIR	2/LS503
24	PEBBLE SEAT	3/LS503
25	LOW TABLE	4/LS503
26	CAFE TABLE AND CHAIRS	5/LS503
27	PICNIC TABLE	6/LS503
28	BICYCLE RACK	7/LS503
29	MARQUEE BOARD	8/LS503
30	CORNHOLE	9/LS503
31	NINE SQUARE	10/LS503
32	HAMMOCKING POLE	1/LS504
33	CLIMBING BOULDER	11/LS503
34	ARTIFICIAL TURF	12/LS503, 5&6/LS506
35	POURED-IN-PLACE RUBBER SURFACING SUBGRADE	2/LS504
36	GAMETIME PRO 5000 CHALLENGE COURSE WITH 40 YD DASH	3/LS504
37	CUSTOM SHADE CANOPY	4/LS504
38	RECTANGULAR CUSTOM SHADE CANOPY	6/LS504
39	CIRCULAR SHADE CANOPY	7/LS504
40	PEDESTRIAN BRIDGE	1/LS505
41	PARK ENTRY SIGN	3/LS505
42	DUMPSTER ENCLOSURE	4/LS505
43	FIRE PLACE WITH TRELLIS STRUCTURE	5/LS505
44	METAL LIGHT STRUCTURE WITH FENCE	2/LS506
45	STEEL STRUCTURE WITH LARGE SWINGS	3/LS506
46	STEEL STRUCTURE WITH STAGE/LOUNGE	1/LS507
47	PARK BUILDING - SEE ARCHITECTURAL	
48	LARGE PAVILION WITH RESTROOMS & WATER FEATURE MECHANICAL - SEE ARCHITECTURAL	
49	INTERACTIVE WATER FEATURE - SEE WATER DESIGN	
50	TREE MONUMENT WITH CUBE LIGHTS (N.I.C.)	4/LS506
51	PLAYGROUND (N.I.C.)	
52	FARMERS MARKET TENT SPACES (N.I.C.)	
53	ENHANCED WETLANDS	
54	EXISTING CURB AND GUTTER	
55	EXISTING ADA RAMP	
56	EXISTING CONCRETE PLATFORM TO BE MODIFIED	
57	EXISTING STREAM	

SYMBOL	DESCRIPTION
	BELGARD PAVERS
	DECOMPOSED GRANITE
	ARTIFICIAL TURF
	POURED-IN-PLACE RUBBER SURFACING SUBGRADE



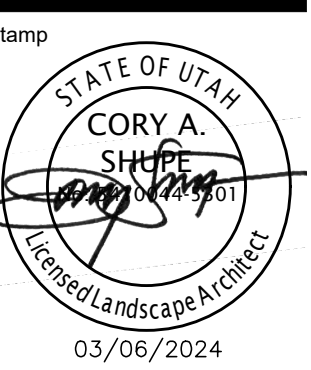
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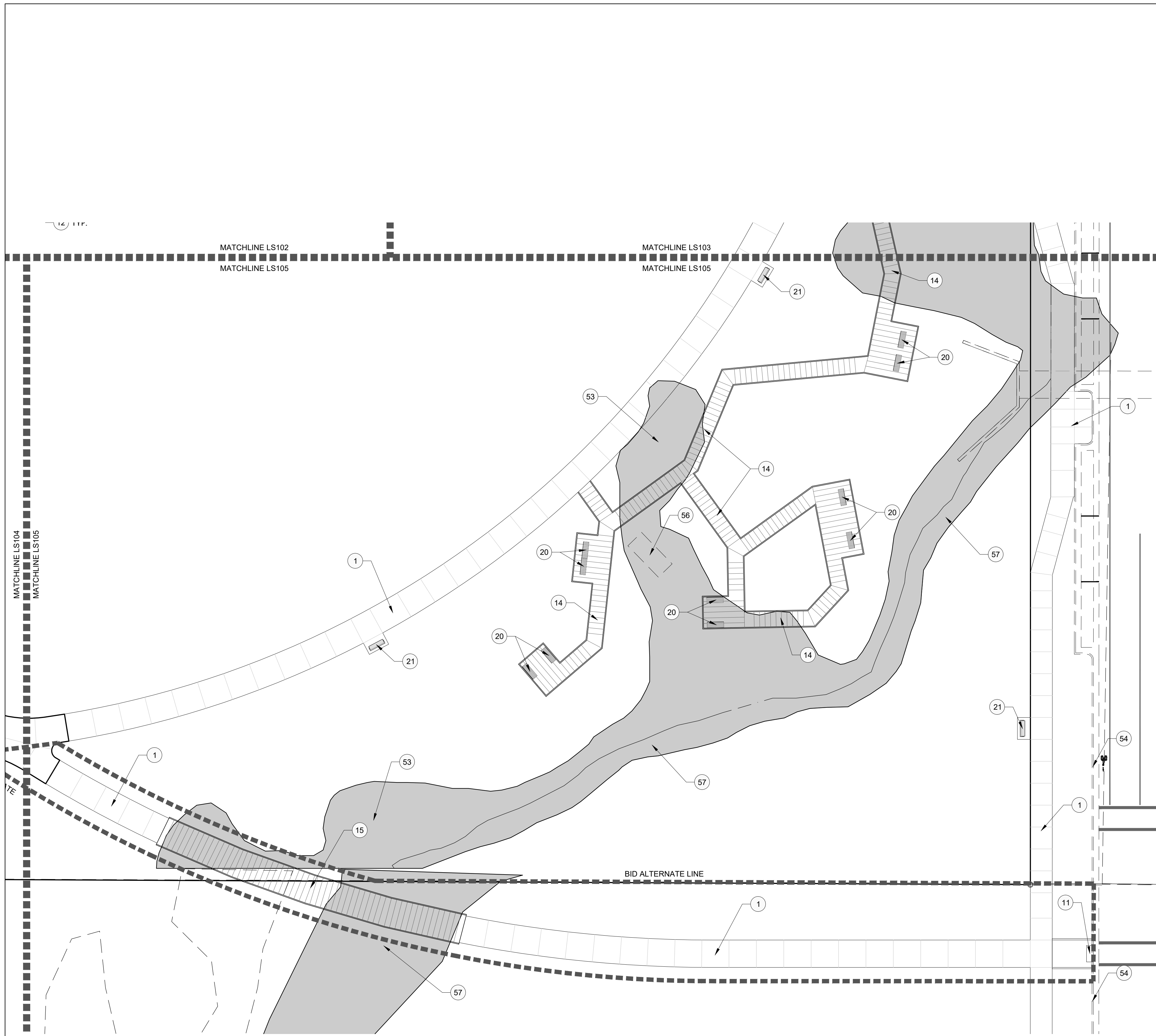
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 Drawn By: BP, TH  
 Date: 03/06/2024  
 Checked By: CS  
 Project No: 22-246

Drawing Title  
**SITE PLAN**

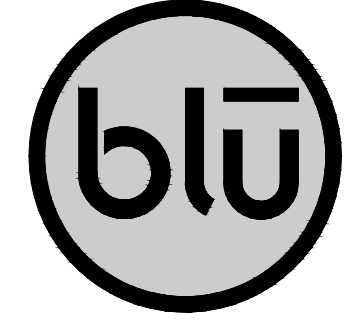
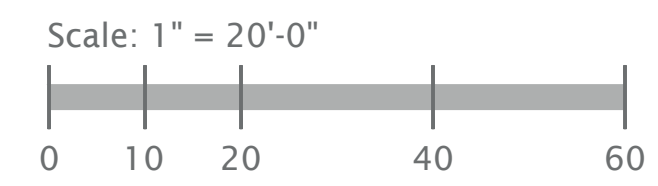
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REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION	DETAIL
1	CONCRETE WALKWAY	
2	MONOLITHICALLY POURED SIDEWALK	1/L/S501
3	BELGARD PAVERS - SEE LS401	2/L/S501
4	6" CONCRETE EDGER	3/L/S501
5	6" PLANTER CURB	4/L/S501
6	12" CONCRETE CURB	6/L/S501
7	DECOMPOSED GRANITE PATHS	7/L/S501
8	ALUMINUM EDGING	8/L/S501
9	PARKING LOT - SEE CIVIL	
10	CURB AND GUTTER - SEE CIVIL	
11	ADA RAMP - SEE CIVIL	
12	CONCRETE STAIRS	9/L/S501
13	HAND RAIL	10/L/S501
14	BOARDWALK WITH VIEWING PLATFORMS	2/L/S502
15	BOARDWALK BRIDGE - BID ALTERNATE	2/L/S502
16	PICKLEBALL COURTS - SEE LS402	
17	6' PICKLEBALL COURT EXTERIOR FENCE	7/L/S502
18	4' INTERIOR PICKLEBALL COURT FENCE	8/L/S502
19	BASKETBALL COURT - SEE LS402	
20	BACKLESS BENCH	10/L/S502
21	BACKED BENCH	11/L/S502
22	CIRCULAR BENCH	1/L/S503
23	ADIRONDACK STYLE CHAIR	2/L/S503
24	PEBBLE SEAT	3/L/S503
25	LOW TABLE	4/L/S503
26	CAFE TABLE AND CHAIRS	5/L/S503
27	PICNIC TABLE	6/L/S503
28	BICYCLE RACK	7/L/S503
29	MARQUEE BOARD	8/L/S503
30	CORNHOLE	9/L/S503
31	NINE SQUARE	10/L/S503
32	HAMMOCKING POLE	1/L/S504
33	CLIMBING BOULDER	11/L/S503
34	ARTIFICIAL TURF	12/L/S503,5&6/L/S506
35	POURED-IN-PLACE RUBBER SURFACING SUBGRADE	2/L/S504
36	GAMETIME PRO 5000 CHALLENGE COURSE WITH 40 YD DASH	3/L/S504
37	CUSTOM SHADE CANOPY	4/L/S504
38	RECTANGULAR CUSTOM SHADE CANOPY	6/L/S504
39	CIRCULAR SHADE CANOPY	7/L/S504
40	PEDESTRIAN BRIDGE	1/L/S505
41	PARK ENTRY SIGN	3/L/S505
42	DUMPSTER ENCLOSURE	4/L/S505
43	FIRE PLACE WITH TRELLIS STRUCTURE	5/L/S505
44	METAL LIGHT STRUCTURE WITH FENCE	2/L/S506
45	STEEL STRUCTURE WITH LARGE SWINGS	3/L/S506
46	STEEL STRUCTURE WITH STAGE/LOUNGE	1/L/S507
47	PARK BUILDING - SEE ARCHITECTURAL	
48	LARGE PAVILION WITH RESTROOMS & WATER FEATURE MECHANICAL - SEE ARCHITECTURAL	
49	INTERACTIVE WATER FEATURE - SEE WATER DESIGN	
50	TREE MONUMENT WITH CUBE LIGHTS (N.I.C.)	4/L/S506
51	PLAYGROUND (N.I.C.)	
52	FARMERS MARKET TENT SPACES (N.I.C.)	
53	ENHANCED WETLANDS	
54	EXISTING CURB AND GUTTER	
55	EXISTING ADA RAMP	
56	EXISTING CONCRETE PLATFORM TO BE MODIFIED	
57	EXISTING STREAM	

SYMBOL	DESCRIPTION
	BELGARD PAVERS
	DECOMPOSED GRANITE
	ARTIFICIAL TURF
	POURED-IN-PLACE RUBBER SURFACING SUBGRADE



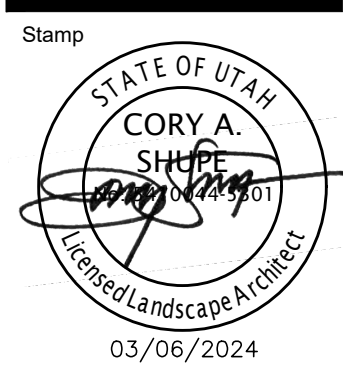
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NO.	DESCRIPTION
1	ADDED (SEE ADDENDUM 1)



Designed By: BP  
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**SITE PLAN**  
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**LS105**





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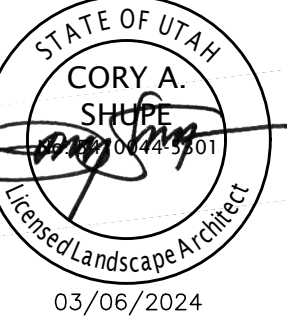
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REVISIONS

NO.	DATE	DESCRIPTION
1		

Stamp



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Date: 03/06/2024  
Checked By: CS  
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Drawing Title

SITE PLAN  
ENLARGEMENTS

Drawing number

LS402

REFERENCE NOTES SCHEDULE

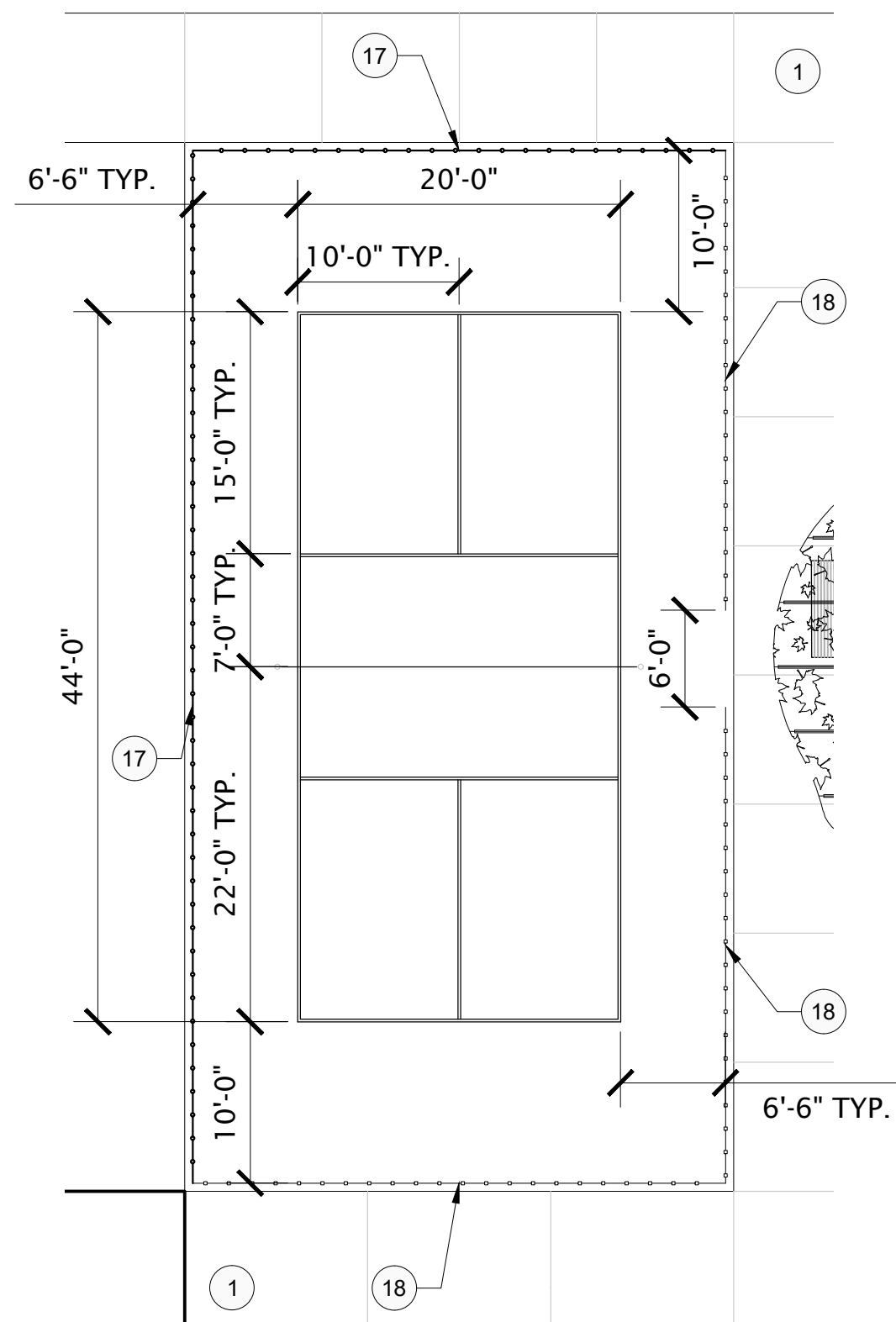
SYMBOL	DESCRIPTION	DETAIL
1	CONCRETE WALKWAY	
2	MONOLITHICALLY POURED SIDEWALK	1/L/S501
3	BELGARD PAVERS - SEE LS401	2/L/S501
4	6" CONCRETE EDGER	3/L/S501
5	6" PLANTER CURB	4/L/S501
6	12" CONCRETE CURB	6/L/S501
7	DECOMPOSED GRANITE PATHS	7/L/S501
8	ALUMINUM EDGING	8/L/S501
9	PARKING LOT - SEE CIVIL	
10	CURB AND GUTTER - SEE CIVIL	
11	ADA RAMP - SEE CIVIL	
12	CONCRETE STAIRS	9/L/S501
13	HAND RAIL	10/L/S501
14	BOARDWALK WITH VIEWING PLATFORMS	2/L/S502
15	BOARDWALK BRIDGE - BID ALTERNATE	2/L/S502
16	PICKLEBALL COURTS - SEE LS402	
17	6' PICKLEBALL COURT EXTERIOR FENCE	7/L/S502
18	4' INTERIOR PICKLEBALL COURT FENCE	8/L/S502
19	BASKETBALL COURT - SEE LS402	
20	BACKLESS BENCH	10/L/S502
21	BACKED BENCH	11/L/S502
22	CIRCULAR BENCH	1/L/S503
23	ADIRONDACK STYLE CHAIR	2/L/S503
24	PEBBLE SEAT	3/L/S503
25	LOW TABLE	4/L/S503
26	CAFE TABLE AND CHAIRS	5/L/S503
27	PICNIC TABLE	6/L/S503
28	BICYCLE RACK	7/L/S503
29	MARQUEE BOARD	8/L/S503
30	CORNHOLE	9/L/S503
31	NINE SQUARE	10/L/S503
32	HAMMOCKING POLE	1/L/S504
33	CLIMBING BOULDER	11/L/S504
34	ARTIFICIAL TURF	12/L/S503.5&6/L/S506
35	POURED-IN-PLACE RUBBER SURFACING SUBGRADE	2/L/S504
36	GAMETIME PRO 5000 CHALLENGE COURSE WITH 40 YD DASH	3/L/S504
37	CUSTOM SHADE CANOPY	4/L/S504
38	RECTANGULAR CUSTOM SHADE CANOPY	6/L/S504
39	CIRCULAR SHADE CANOPY	7/L/S504
40	PEDESTRIAN BRIDGE	1/L/S505
41	PARK ENTRY SIGN	3/L/S505
42	DUMPSTER ENCLOSURE	4/L/S505
43	FIRE PLACE WITH TRELIS STRUCTURE	5/L/S505
44	METAL LIGHT STRUCTURE WITH FENCE	2/L/S506
45	STEEL STRUCTURE WITH LARGE SWINGS	3/L/S506
46	STEEL STRUCTURE WITH STAGE/LOUNGE	1/L/S507
47	PARK BUILDING - SEE ARCHITECTURAL	
48	LARGE PAVILION WITH RESTROOMS & WATER FEATURE MECHANICAL - SEE ARCHITECTURAL	
49	INTERACTIVE WATER FEATURE - SEE WATER DESIGN	
50	TREE MONUMENT WITH CUBE LIGHTS (N.I.C.)	4/L/S506
51	PLAYGROUND (N.I.C.)	
52	FARMERS MARKET TENT SPACES (N.I.C.)	
53	ENHANCED WETLANDS	
54	EXISTING CURB AND GUTTER	
55	EXISTING ADA RAMP	
56	EXISTING CONCRETE PLATFORM TO BE MODIFIED	
57	EXISTING STREAM	

SYMBOL	DESCRIPTION
	BELGARD PAVERS
	DECOMPOSED GRANITE
	ARTIFICIAL TURF
	POURED-IN-PLACE RUBBER SURFACING SUBGRADE

Scale: 1" = 10'-0"

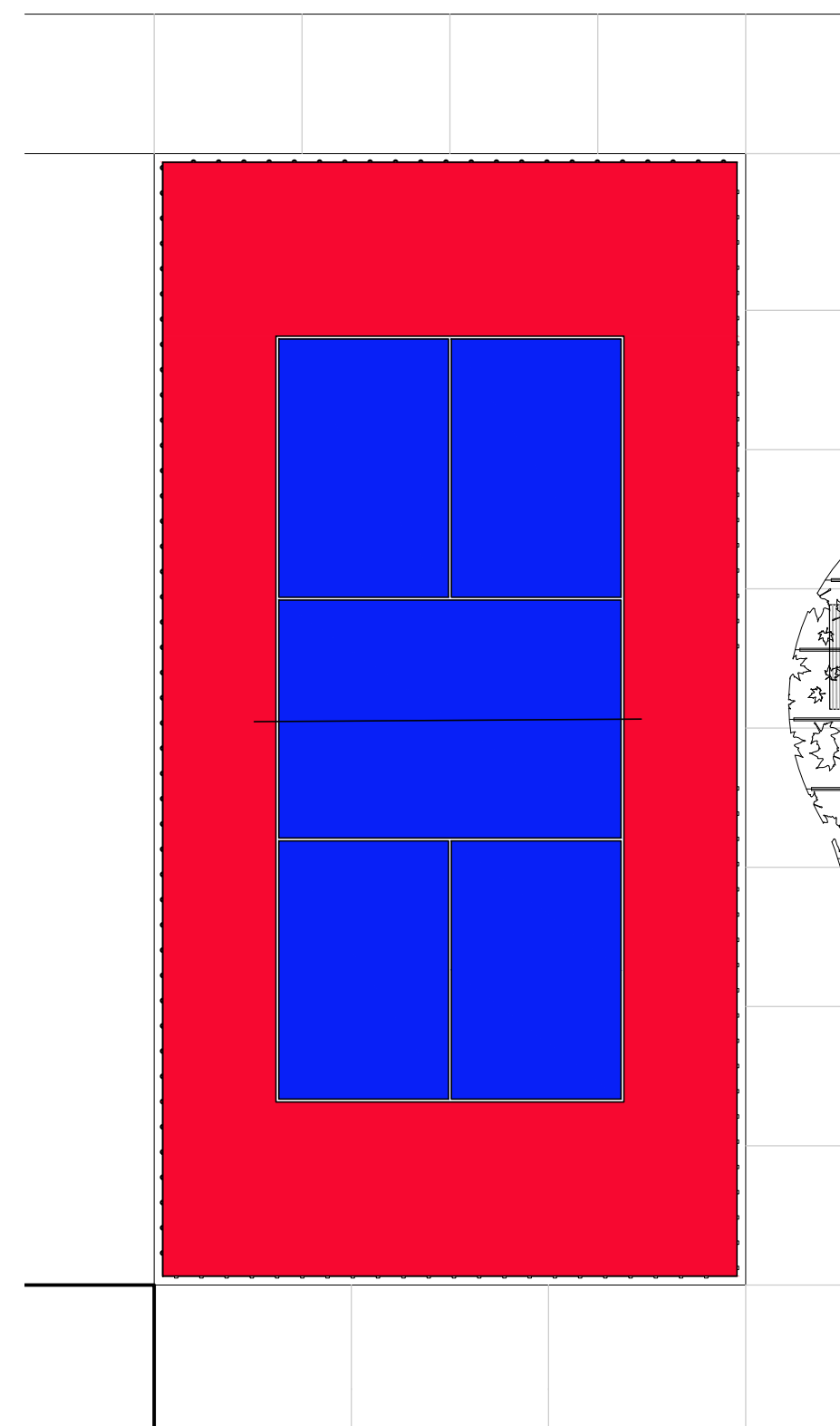


NOTES:  
1. COURT SURFACING COLORS TO BE REVIEWED AND APPROVED BY OWNER.



1 PICKLEBALL COURT ENLARGEMENTS

SCALE: 1"=10'-0"



2 BASKETBALL COURT ENLARGEMENT

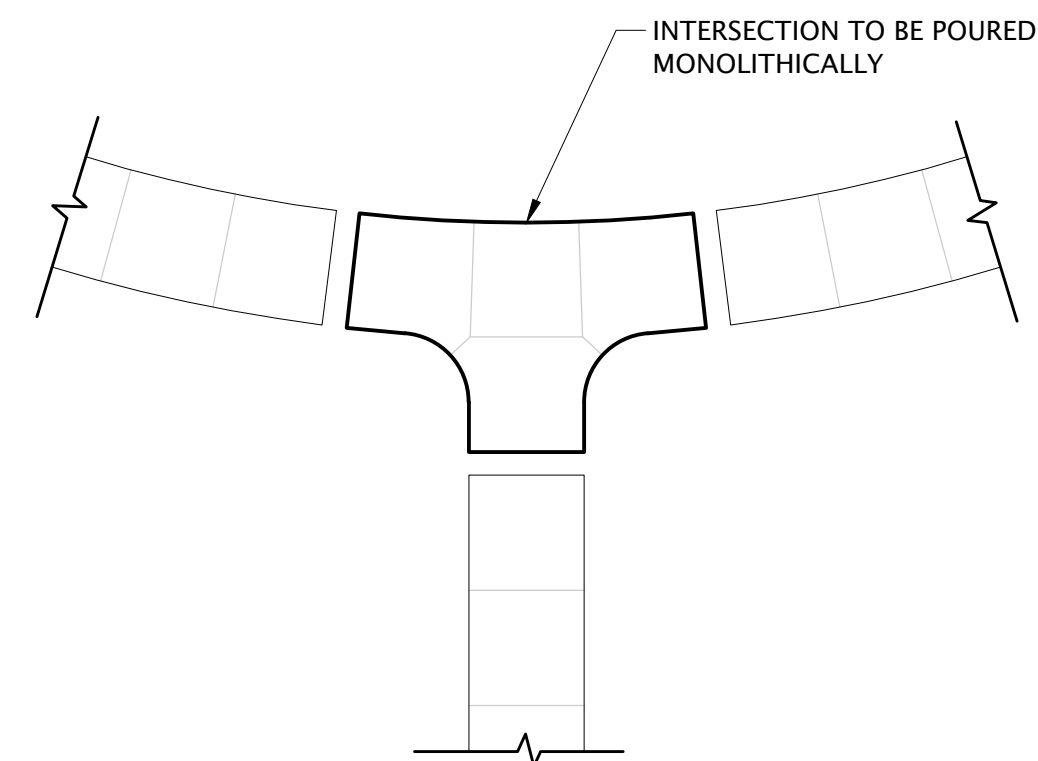
SCALE: 1"=10'-0"

SEE SPECIFICATIONS FOR HOOP REQ'S

SEE SPECIFICATIONS FOR HOOP REQ'S



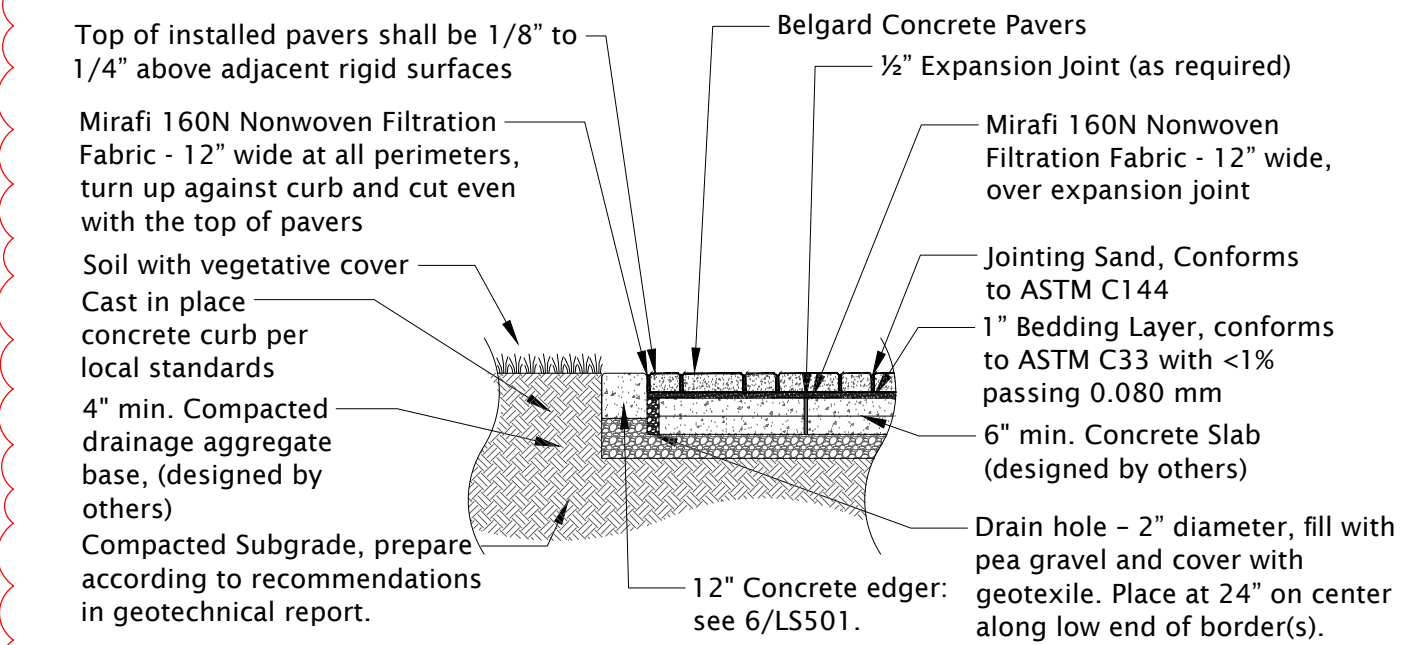




INTERSECTION TO BE POURED MONOLITHICALLY

NOTES:  
1. INTERSECTING CONCRETE WALKWAYS SHALL BE POURED AT SAME TIME.  
2. SCORING SHOULD BE DONE AS INDICATED ON LS SERIES SITE PLANS, UNLESS OTHERWISE SPECIFIED OR APPROVED. SEE 3/C400 FOR TYPICAL EXPANSION JOINT SPACING AND SCORE JOINT SPACING. SCORE JOINTS ARE SAW CUT.  
3. COLD JOINTS MAY OCCUR AT TERMINATION OF MONOLITHICALLY POURED SECTIONS WHERE INDIVIDUAL WALKWAYS CONTINUE.  
4. ABOVE DRAWING IS ONLY A REPRESENTATION OF A POTENTIAL INTERSECTION CONDITION AND DOES NOT REPRESENT ALL INTERSECTION TYPES.

1 MONOLITHICALLY POURED SIDEWALK  
SCALE: NOT TO SCALE



Top of installed pavers shall be 1/8" to 1/4" above adjacent rigid surfaces

Belgard Concrete Pavers  
1/2" Expansion Joint (as required)

Mirafi 160N Nonwoven Filtration Fabric - 12" wide at all perimeters, turn up against curb and cut even with the top of pavers

Soil with vegetative cover

Cast in place concrete curb per local standards

4" min. Compacted drainage aggregate base, (designed by others)

Compacted Subgrade, prepare according to recommendations in geotechnical report.

Jointing Sand, Conforms to ASTM C144

1" Bedding Layer, conforms to ASTM C33 with <1% passing 0.080 mm

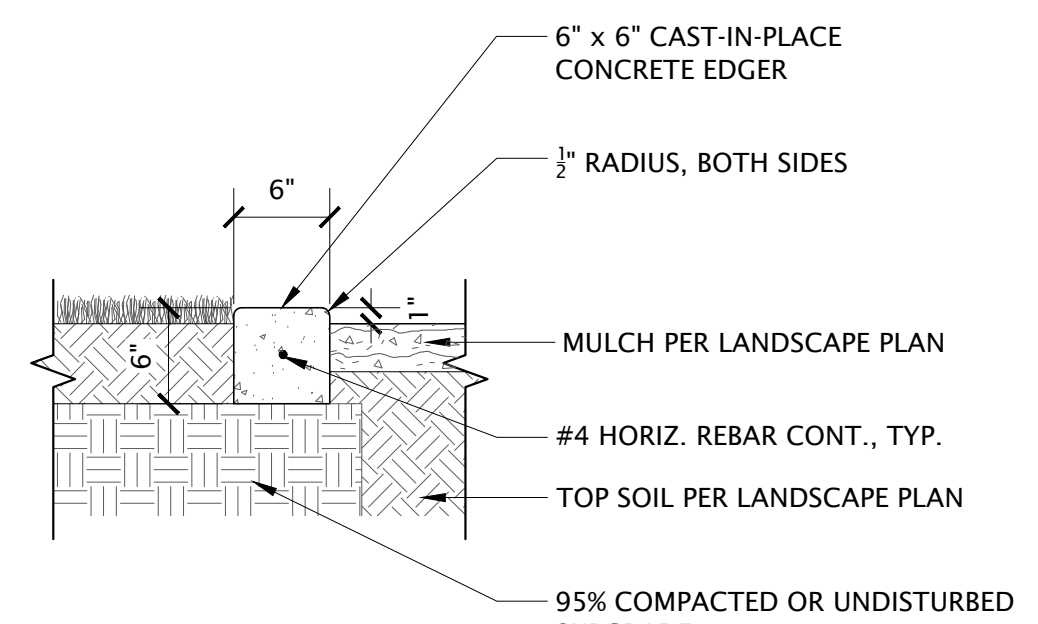
6" min. Concrete Slab (designed by others)

Drain hole - 2" diameter, fill with pea gravel and cover with geotextile. Place at 24" on center along low end of borders).

12" Concrete Edger: see 6/LS501.

Design Notes:  
1. Cross section as shown is suitable for pedestrian and vehicular applications. Paver dimensions subject to aspect and plan ratio requirements. Contact Belgard Commercial for product selection guidance based on the intended traffic loading.  
2. Depth of aggregate base subject to site specific conditions (traffic loading, soil conditions, groundwater levels, climatic conditions). Contact Belgard Commercial for design assistance.  
3. Additional drain holes may be required depending on the size of the pavement area. The rule of thumb is to have at least one drain hole per 500 square feet of surface area. Storm drains should be used at low spots.  
4. Drain pipes may be required within the aggregate base depending on the permeability of the subgrade soils. Verify drainage needs with the geotechnical engineer. Ensure drain pipes are able to daylight via gravity flow to surface, or connect to catch basin.  
5. Ensure the geotextile above the drain hole has good drainage characteristics and is not prone to clogging.  
6. Techniseal HP Nextgel jointing sand conforming to ASTM C144 may be used in pedestrian and light vehicular applications. Please contact Belgard Commercial for design assistance.  
7. Minimum 2% slope to drainage feature.

2 BELGARD STANDARD PAVER ON CONCRETE BASE  
NOT TO SCALE



6" x 6" CAST-IN-PLACE CONCRETE EDGER

1/2" RADIUS, BOTH SIDES

MULCH PER LANDSCAPE PLAN

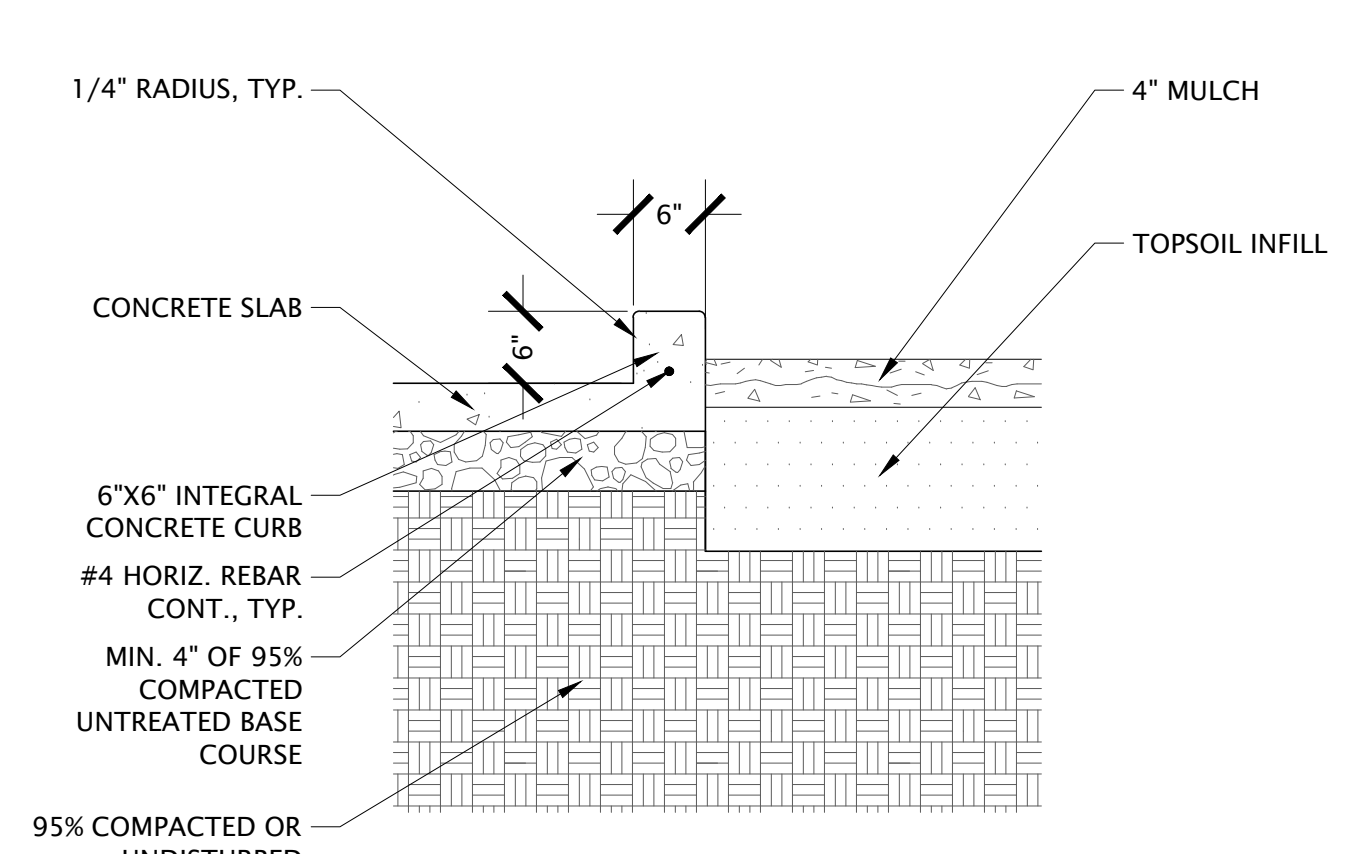
#4 HORIZ. REBAR CONT., TYP.

TOP SOIL PER LANDSCAPE PLAN

95% COMPACTED OR UNDISTURBED SUBGRADE

NOTES:  
1. EDGER TO BE FLUSH WITH ADJACENT WALK, PATH, PAVEMENT OR CURB.  
2. ALL LAYOUT AND FORM WORK TO BE APPROVED BY OWNER PRIOR TO PLACING CONCRETE.  
3. CONCRETE TO MEET ALL CITY SPECIFICATIONS.  
4. PLACE EXPANSION JOINTS @ 30' O.C., CONTROL JOINTS @ 10' O.C. UNLESS OTHERWISE SHOWN ON PLAN.  
5. ALL CURVES IN EDGER TO BE TANGENT TO EACH OTHER AND STRAIGHT SECTIONS OF CURB.  
6. CONCRETE EDGER TO BE FORMED AND CAST IN PLACE, NOT PRE-CAST OR EXTRUDED.

3 6" CONCRETE EDGER  
NOT TO SCALE



1/4" RADIUS, TYP.

CONCRETE SLAB

6" x 6" INTEGRAL CONCRETE CURB

#4 HORIZ. REBAR CONT., TYP.

MIN. 4" OF 95% COMPACTED UNTREATED BASE COURSE

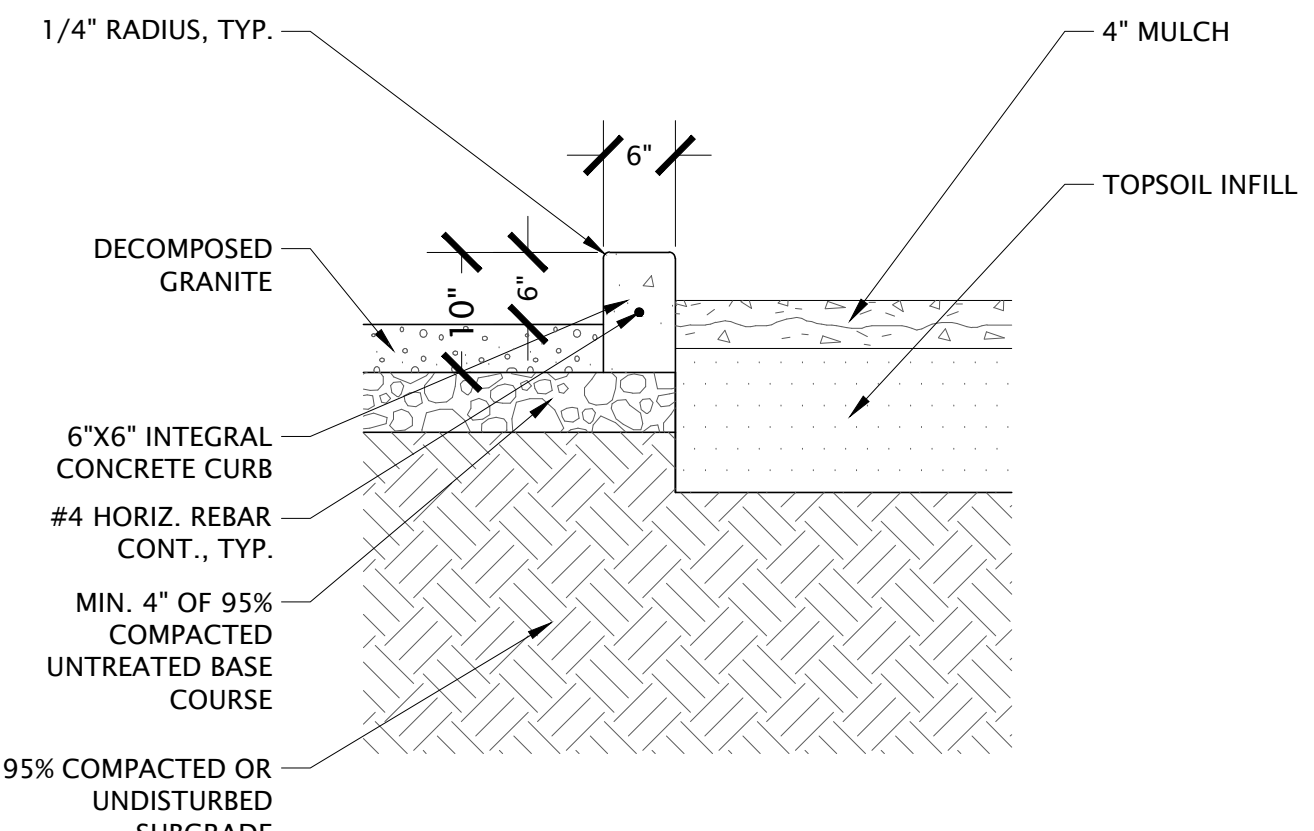
95% COMPACTED OR UNDISTURBED SUBGRADE

4" MULCH

TOPSOIL INFILL

NOTES:  
1. PLANTER CURB SHALL BE POURED INTEGRAL AND MONOLITHICALLY WITH THE ADJACENT SIDEWALK.  
2. INSTALL SCORE JOINTS IN PLANTER CURB TO ALIGN WITH ADJACENT SIDEWALK SCORING.

4 6" PLANTER CURB  
3/4" = 1'-0"  
P-22-246-9



1/4" RADIUS, TYP.

4" MULCH

TOPSOIL INFILL

DECOMPOSED GRANITE

6" x 6" INTEGRAL CONCRETE CURB

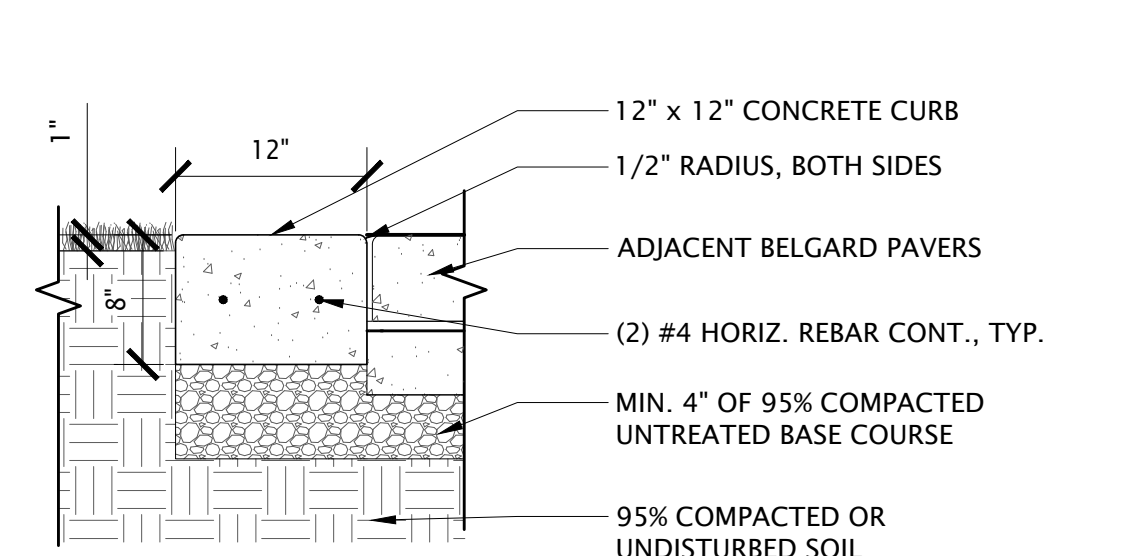
#4 HORIZ. REBAR CONT., TYP.

MIN. 4" OF 95% COMPACTED UNTREATED BASE COURSE

95% COMPACTED OR UNDISTURBED SUBGRADE

NOTES:  
1. PLANTER CURB SHALL BE POURED INTEGRAL AND MONOLITHICALLY WITH THE ADJACENT SIDEWALK.  
2. INSTALL SCORE JOINTS IN PLANTER CURB TO ALIGN WITH ADJACENT SIDEWALK SCORING.

5 6" PLANTER CURB IN DECOMPOSED GRANITE  
3/4" = 1'-0"  
P-22-246-122



12" x 12" CONCRETE CURB

1/2" RADIUS, BOTH SIDES

ADJACENT BELGARD PAVERS

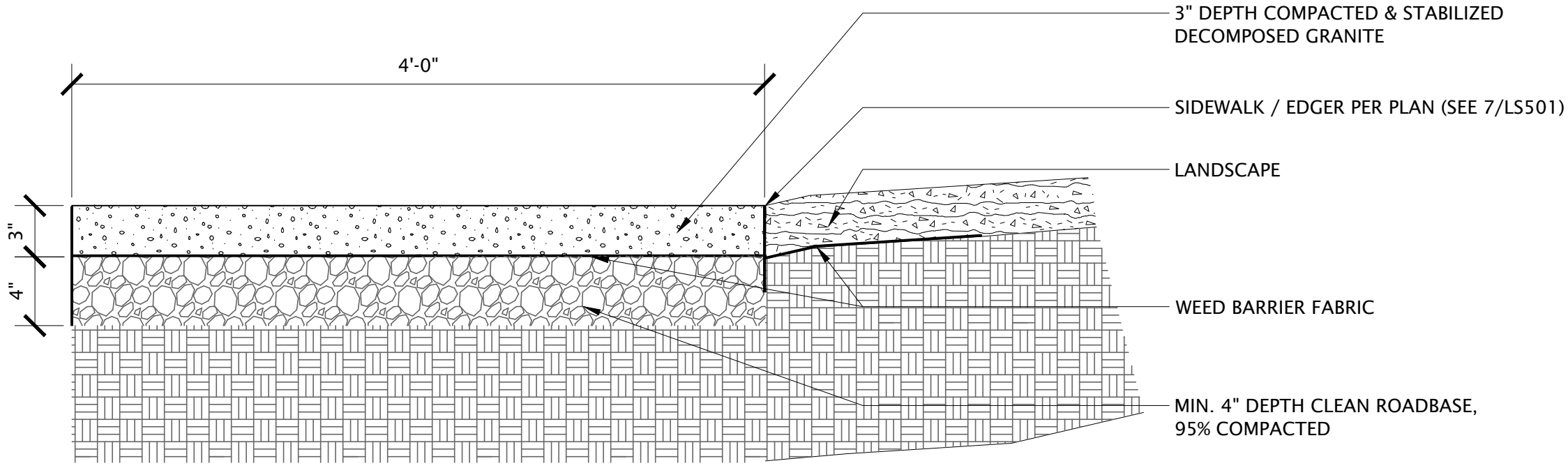
(2) #4 HORIZ. REBAR CONT., TYP.

MIN. 4" OF 95% COMPACTED UNTREATED BASE COURSE

95% COMPACTED OR UNDISTURBED SOIL

NOTES:  
1. TOP OF CURB SHALL BE FLUSH WITH ADJACENT BELGARD PAVERS.  
2. OWNER SHALL APPROVE ALL LAYOUT AND FORM WORK PRIOR TO PLACING CONCRETE.  
3. CONCRETE SHALL MEET ALL CITY AND APWA SPECIFICATIONS.  
4. PLACE EXPANSION JOINTS @ 30' O.C., CONTROL JOINTS @ 10' O.C. UNLESS OTHERWISE SHOWN ON PLAN.  
5. ALL CURVES IN CURB SHALL BE TANGENT TO EACH OTHER AND TO STRAIGHT SECTIONS OF CURB.

6 12" CONCRETE EDGER  
1" = 1'-0"  
P-22-246-78



4'-0"

3" DEPTH COMPACTED & STABILIZED DECOMPOSED GRANITE

SIDEWALK / EDGER PER PLAN (SEE 7/LS501)

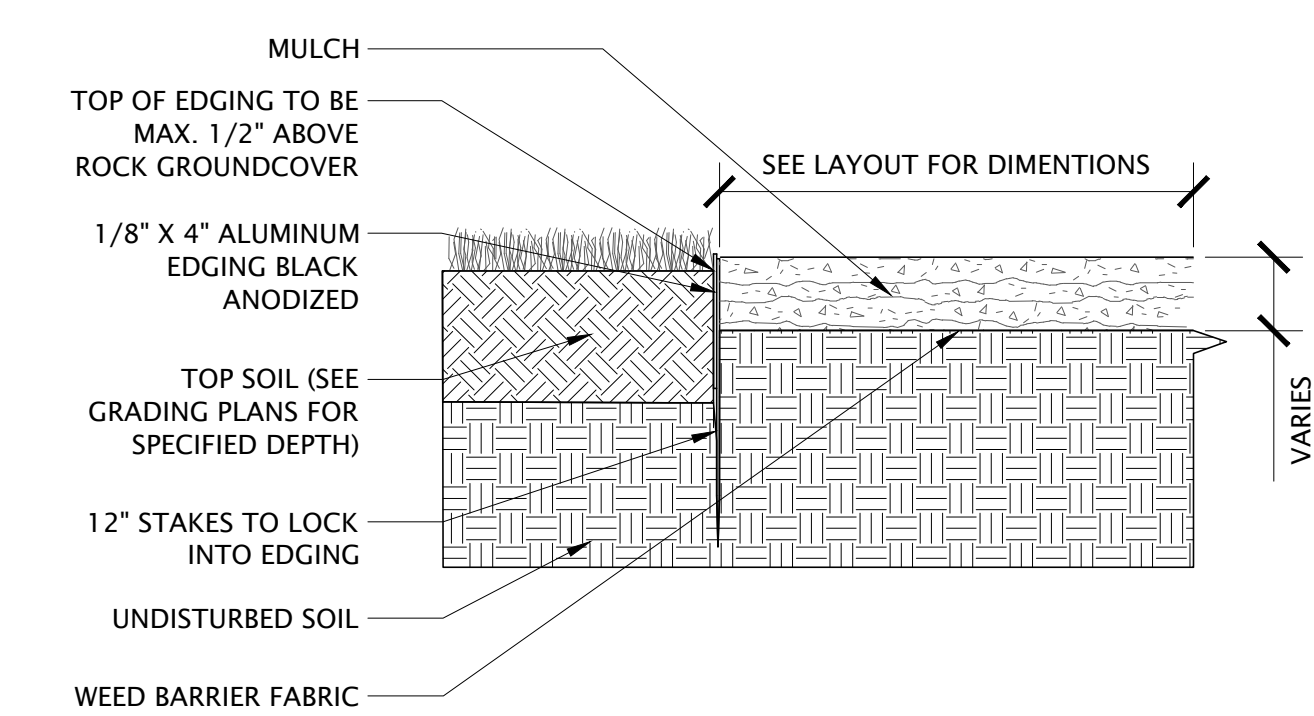
LANDSCAPE

WEED BARRIER FABRIC

MIN. 4" DEPTH CLEAN ROADBASE, 95% COMPACTED

NOTE:  
1. COLOR OF DECOMPOSED GRANITE SHALL BE SELECTED BY OWNER. CONTRACTOR SHALL SUBMIT MATERIAL SAMPLE FOR OWNER'S REVIEW AND APPROVAL PRIOR TO INSTALLATION.  
2. CONTRACTOR SHALL INSTALL DECOMPOSED GRANITE IN MAX. 2" LIFTS, APPLY STABILIZER AND COMPACT AS LIFTS ARE INSTALLED. DO NOT COMPACT UNTIL STABILIZER HAS BEEN APPLIED THOROUGHLY AND FULLY ABSORBED INTO AGGREGATE. DO NOT OVER SATURATE, BUT DO NOT ALLOW STABILIZER TO COMPLETELY DRY BEFORE COMPACTING EITHER. COMPACT SURFACE LAYER TO 95% OR GREATER COMPACTION. FOR FINAL LIFT, APPLY A TOPCOAT OF STABILIZER 24 HOURS AFTER THE FIRST APPLICATION WHEN SURFACE IS COMPLETELY DRY AND HARD.

7 DECOMPOSED GRANITE  
SCALE: NOT TO SCALE



MULCH

TOP OF EDGING TO BE MAX. 1/2" ABOVE ROCK GROUND COVER

SEE LAYOUT FOR DIMENSIONS

1/8" x 4" ALUMINUM EDGING BLACK ANODIZED

TOP SOIL (SEE GRADING PLANS FOR SPECIFIED DEPTH)

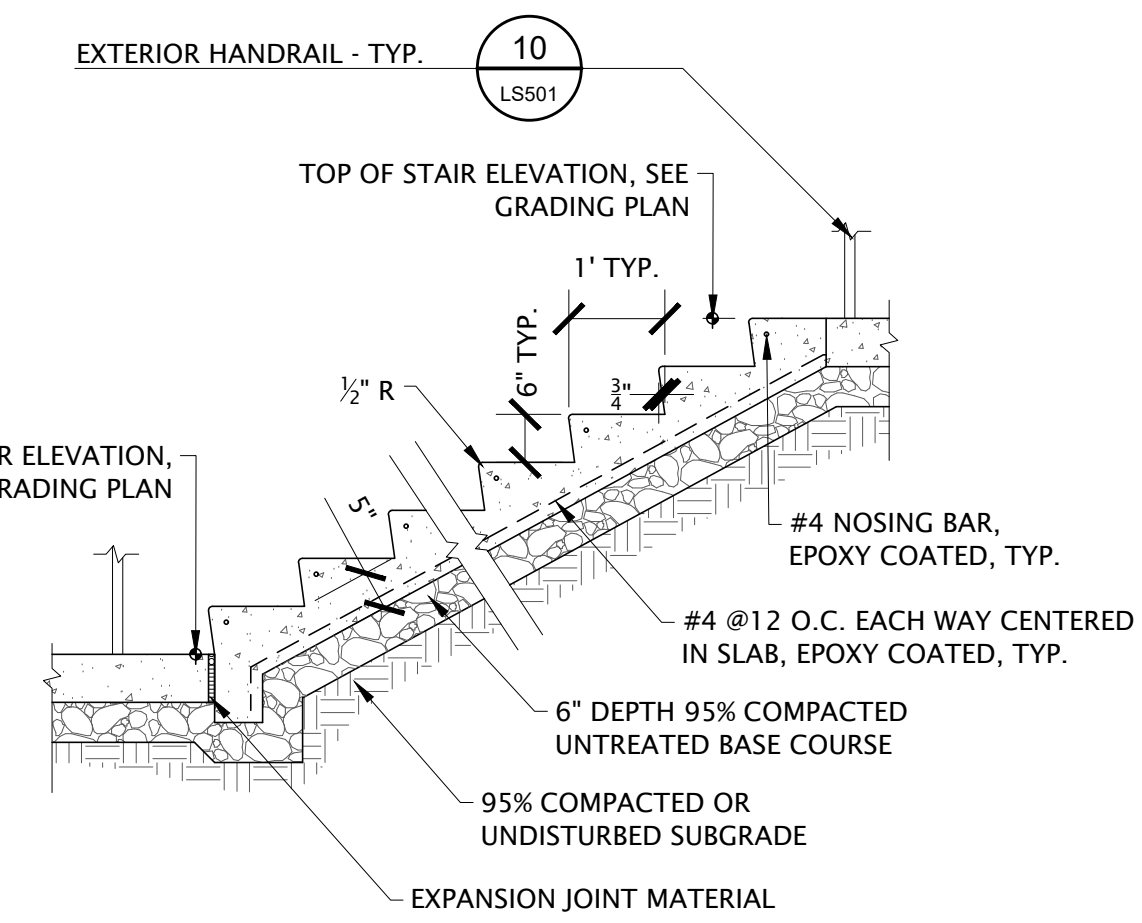
12" STAKES TO LOCK INTO EDGING

UNDISTURBED SOIL

WEED BARRIER FABRIC

VARIABLES

8 4" ALUMINUM EDGING TYP.  
NOT TO SCALE  
P-22-246-80



EXTERIOR HANDRAIL - TYP. (LS501)

TOP OF STAIR ELEVATION, SEE GRADING PLAN

1' TYP.

6" TYP.

1/2" R

#4 NOSING BAR, EPOXY COATED, TYP.

#4 @ 12 O.C. EACH WAY CENTERED IN SLAB, EPOXY COATED, TYP.

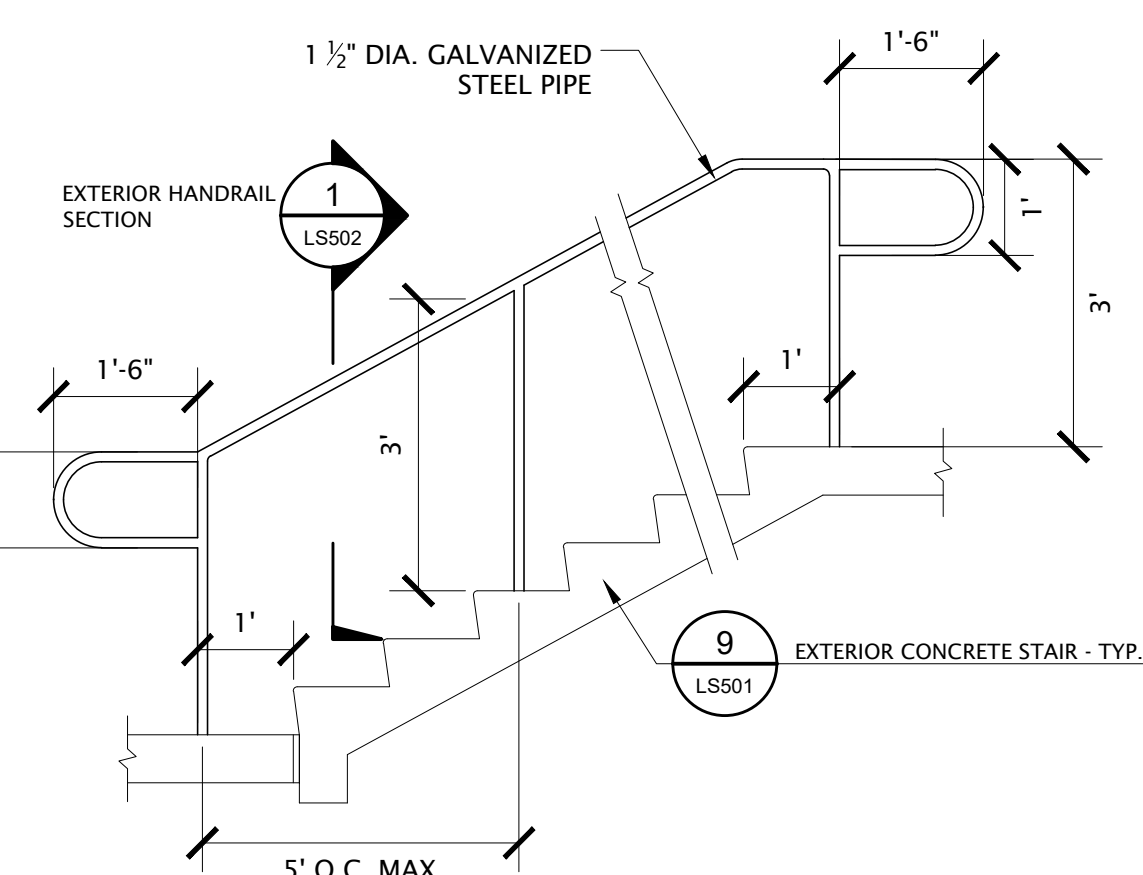
6" DEPTH 95% COMPACTED UNTREATED BASE COURSE

95% COMPACTED OR UNDISTURBED SUBGRADE

EXPANSION JOINT MATERIAL

BOTTOM OF STAIR ELEVATION, SEE GRADING PLAN

9 EXTERIOR CONCRETE STAIR - TYP.  
SCALE: NOT TO SCALE  
P-22-246-48



1 1/2" DIA. GALVANIZED STEEL PIPE

1'-6"

1'-6"

1'-6"

1'-6"

1'-6"

5' O.C. MAX

EXTERIOR HANDRAIL SECTION (LS502)

EXTERIOR CONCRETE STAIR - TYP. (LS501)

NOTES:  
1. RAILING SHALL BE HAVE A POWDERCOATED FINISH.  
2. COLOR TO BE SELECTED BY OWNER.

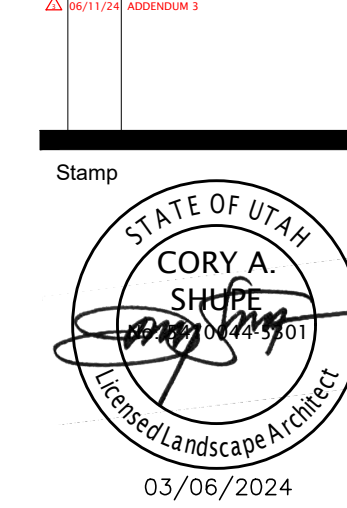
10 EXTERIOR HANDRAIL - TYP.  
SCALE: NOT TO SCALE  
P-22-246-47

IVY ACRES PARK

1397 WEST COOK LANE

FARMINGTON, UT

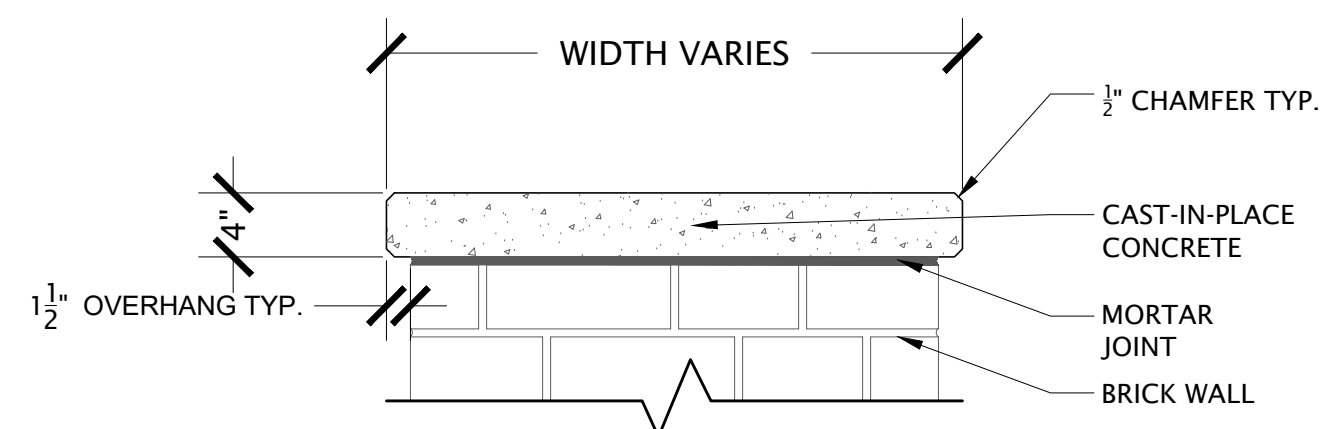
NO.	DATE	DESCRIPTION
1	03/06/2024	ADD 10' ADDITIONAL



Designed By: BP  
Drawn By: BP, TH  
Date: 03/06/2024  
Checked By: CS  
Project No: 22-246

Drawing Title  
SITE PLAN  
DETAILS

Drawing number  
LS501

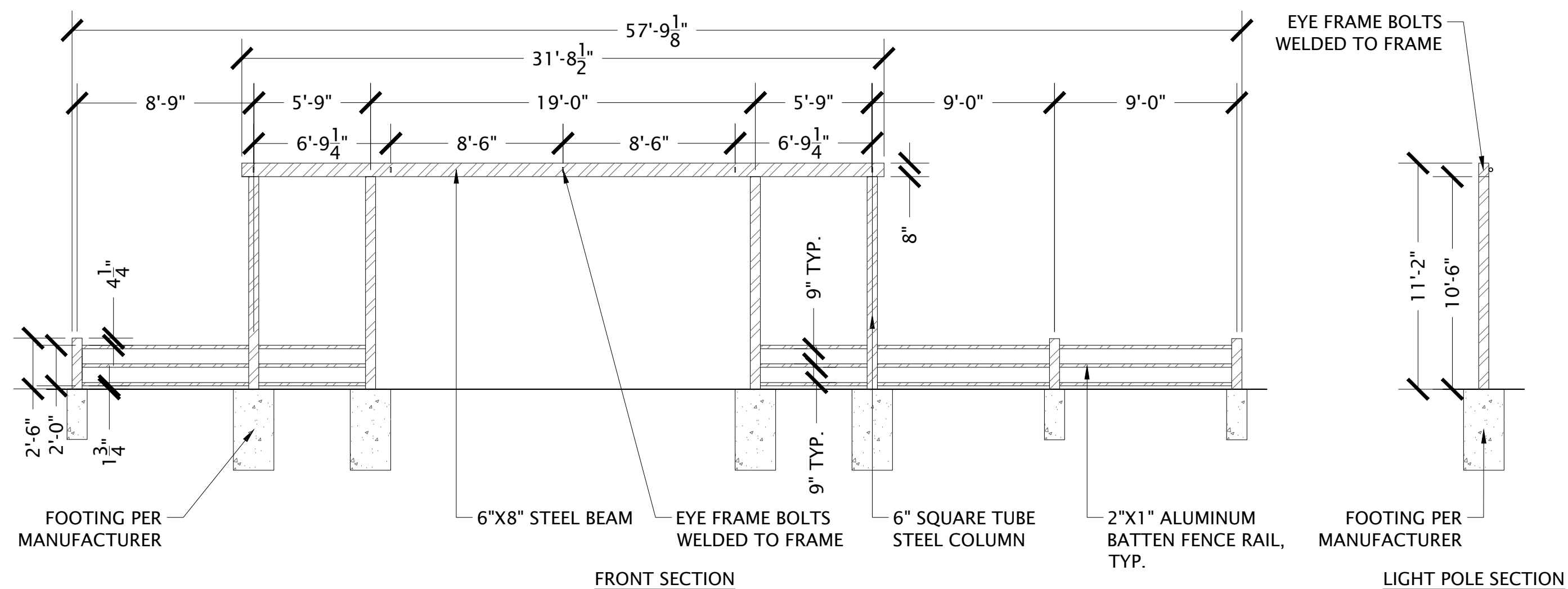


NOTES:  
 1. CONCRETE TO BE INTEGRALLY COLORED GRAY. OWNER TO APPROVE COLOR BEFORE FABRICATION.  
 2. CAP TO HAVE SMOOTH TROWEL FINISH.  
 3. IF CAP IS RECTANGULAR, THE JOINTS ARE TO BE EVERY 4'.  
 4. CONTRACTOR TO PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION FOR OWNER APPROVAL.

**1 CAST-IN-PLACE CONCRETE CAP**

SCALE: NOT TO SCALE

P-22-246-119



NOTES:  
 1. ICON MODEL #81567.  
 2. RAILS TO BE AL13 12' BATTENS-1WX5D TO MATCH PAVILION BUILDING, SEE ARCHITECTURAL.  
 3. STEEL MEMBER'S COLOR TO BE DETERMINED BY OWNER.

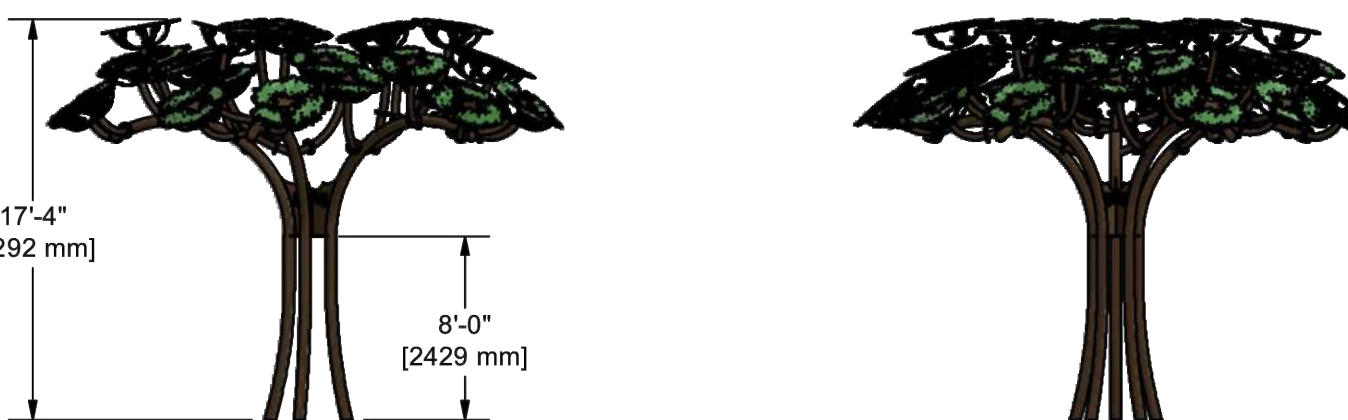
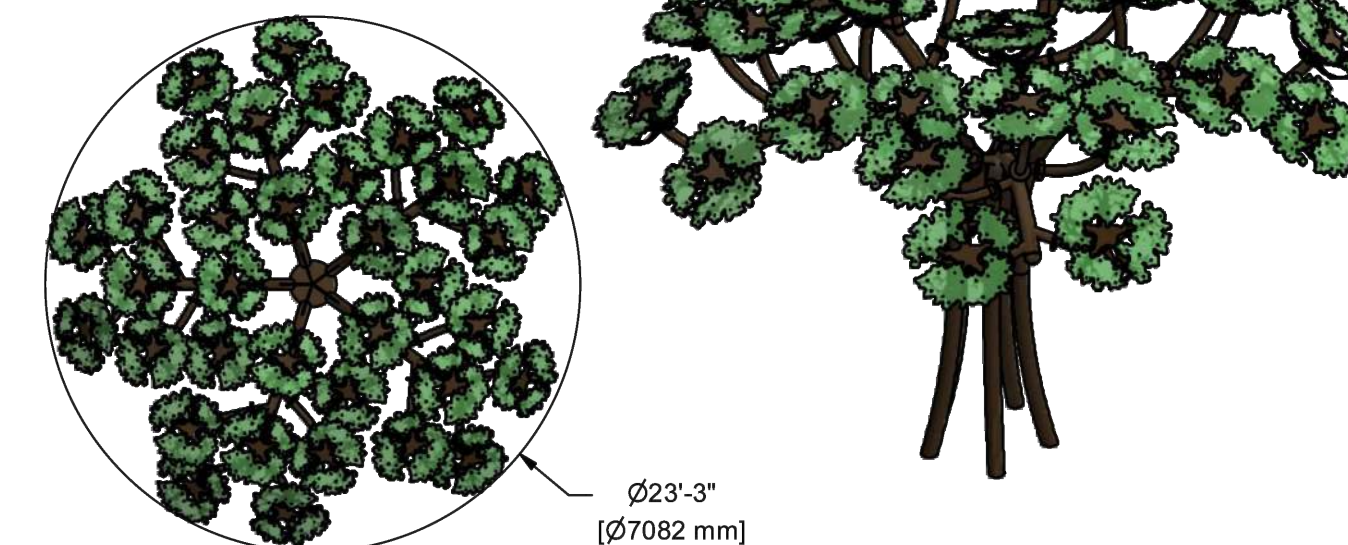
**2 METAL LIGHT STRUCTURE WITH FENCE**

3/16" = 1'-0"

P-22-246-104

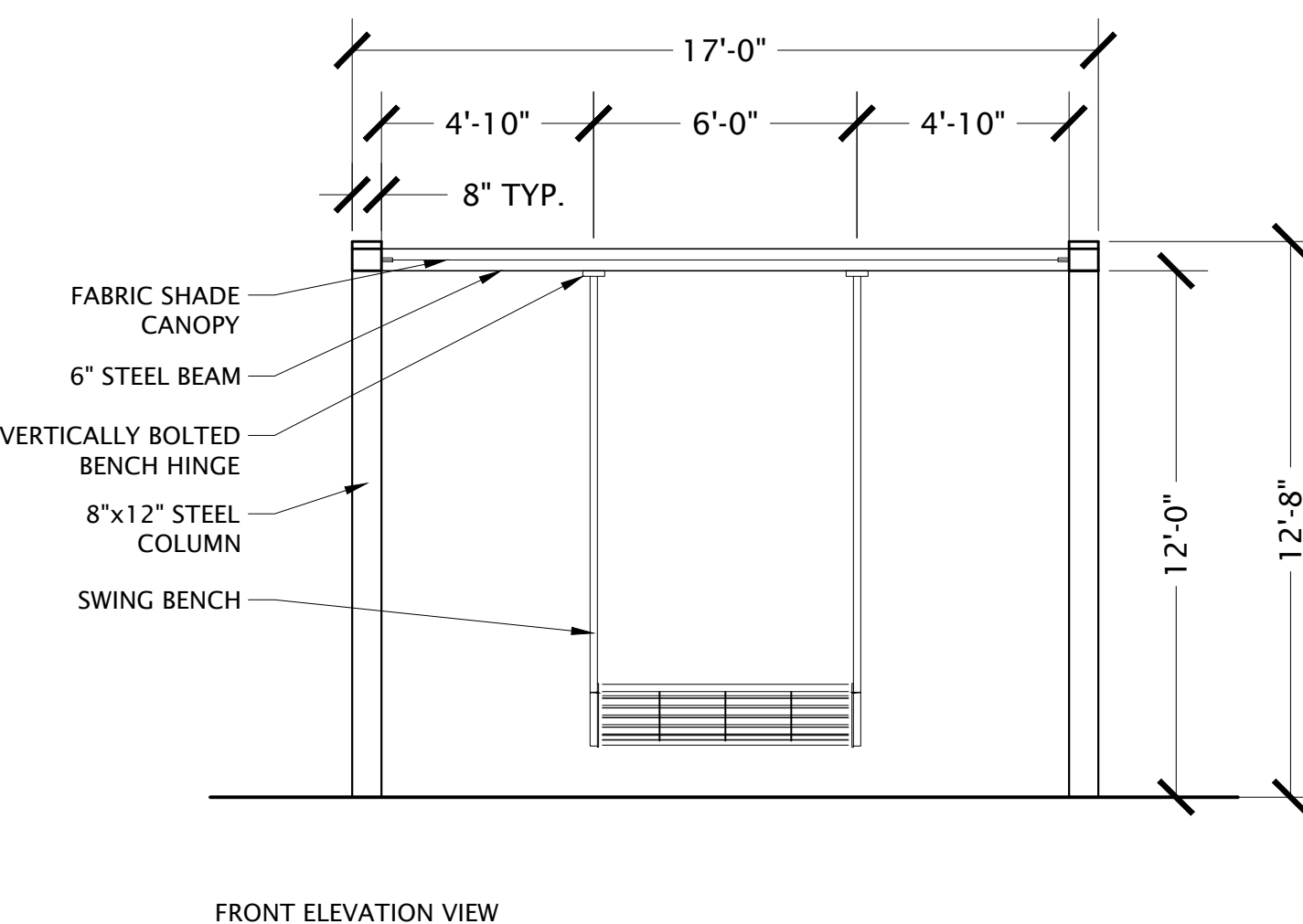
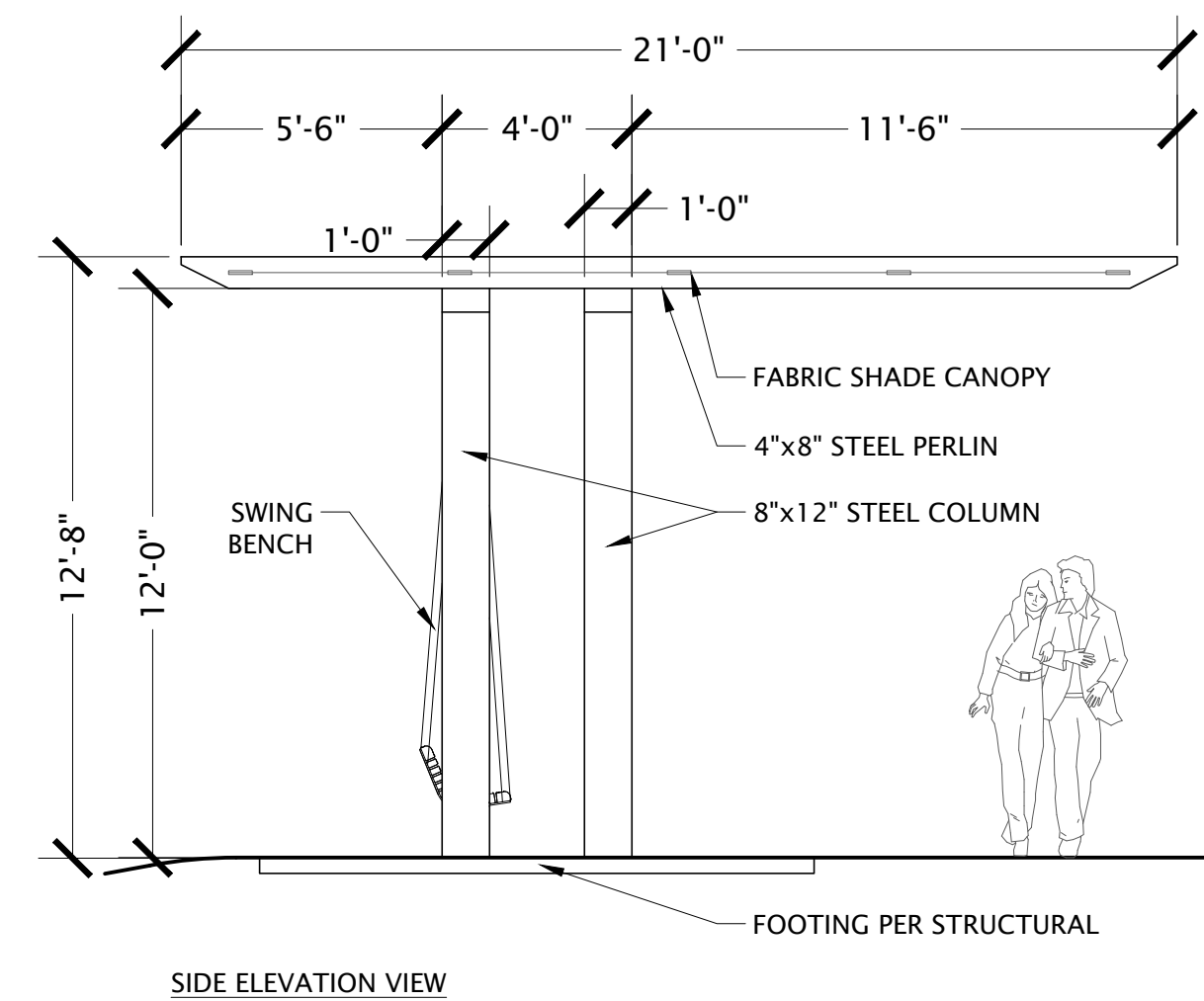
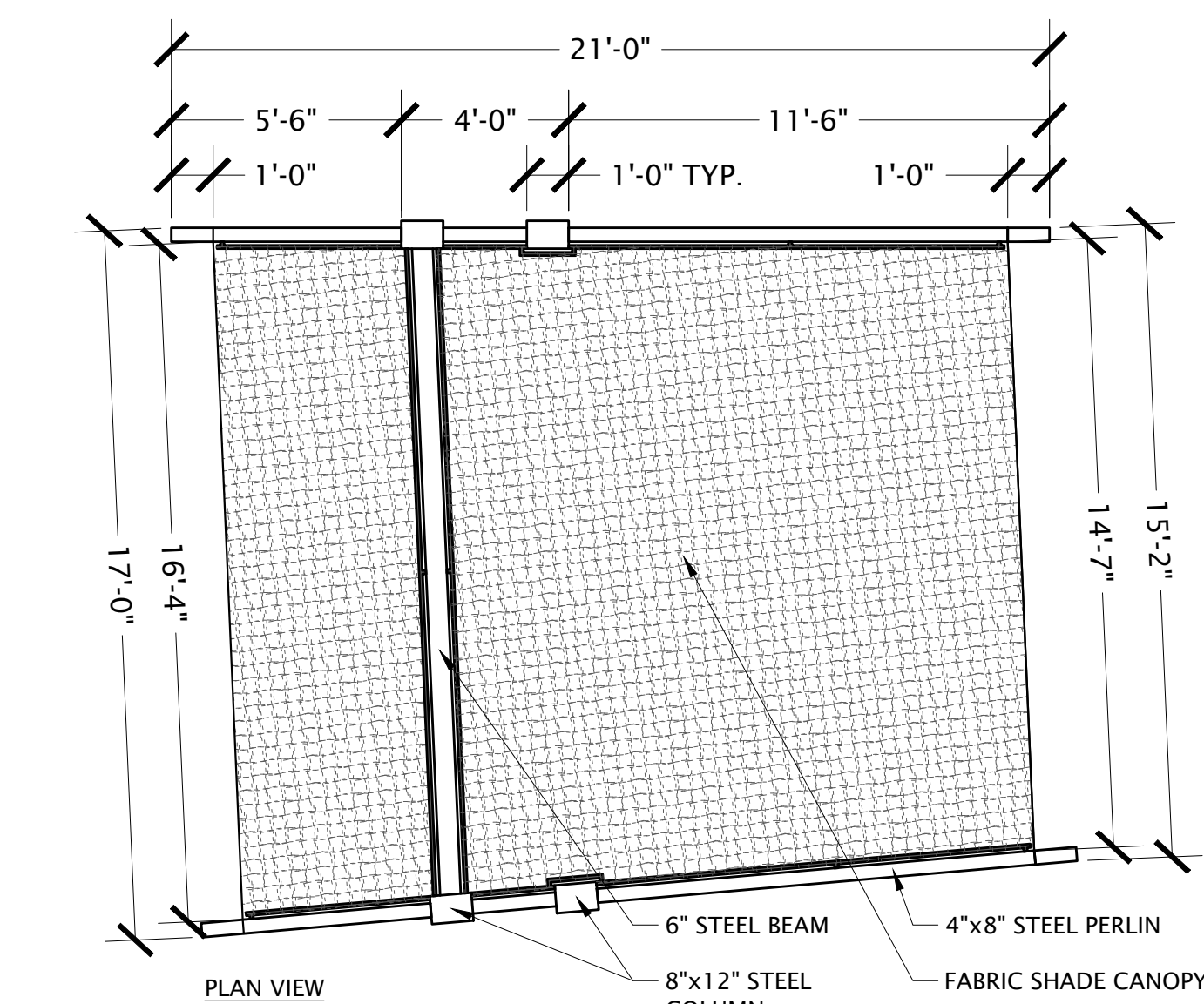
**CUSTOM TREE CLUSTER BUSINESS PARK EST-11325**

LIST OF MATERIALS / LISTE DE MATÉRIEAUX	
BASE MATERIAL / MATÉRIEL	304 STAINLESS STEEL / ACIER INOXYDABLE
NOZZLES / BUSES	ACETAL / ACÉTAL
PANELS / PANNEAUX	URETHANE / URETHANE
	ACRYLIC / ACRYLIQUE



RECOMMENDED SPRAY AREA / ZONE D'ASPERSSION POTENTIELLE		FLOW RATE / DÉBIT D'EAU		SOLD SEPARATELY / VENDUE SÉPARÉMENT		INITIALS	
R (ft/mm)	L (ft/mm)	W (ft/mm)	PSI/PSI	PLAYSERIE / QTY / QTE	PLAYSERIE / QTY / QTE	PLAYSERIE / QTY / QTE	PLAYSERIE / QTY / QTE
4	200	4	200	1	1	1	1
NOZZLES / BUSES				SS	M88 13004.1 Bmass	EST-11325-02	
				DIMENSIONAL ACCURACY / PRÉCISION DIMENSIONNELLE: +/- 1/1000mm		DRAWING ID: EST-11325	

NOTES:  
 1. HEADWATER FEATURE TREE TO BE PROVIDED BY PLAY SPACE DESIGNS OR APPROVED EQUAL.  
 2. OWNER PROVIDED, TO BE INSTALLED BY CONTRACTOR.  
 3. CONTACT: MORGAN SELPH, PLAYSPACE DESIGNS, PH: 801.386.6244

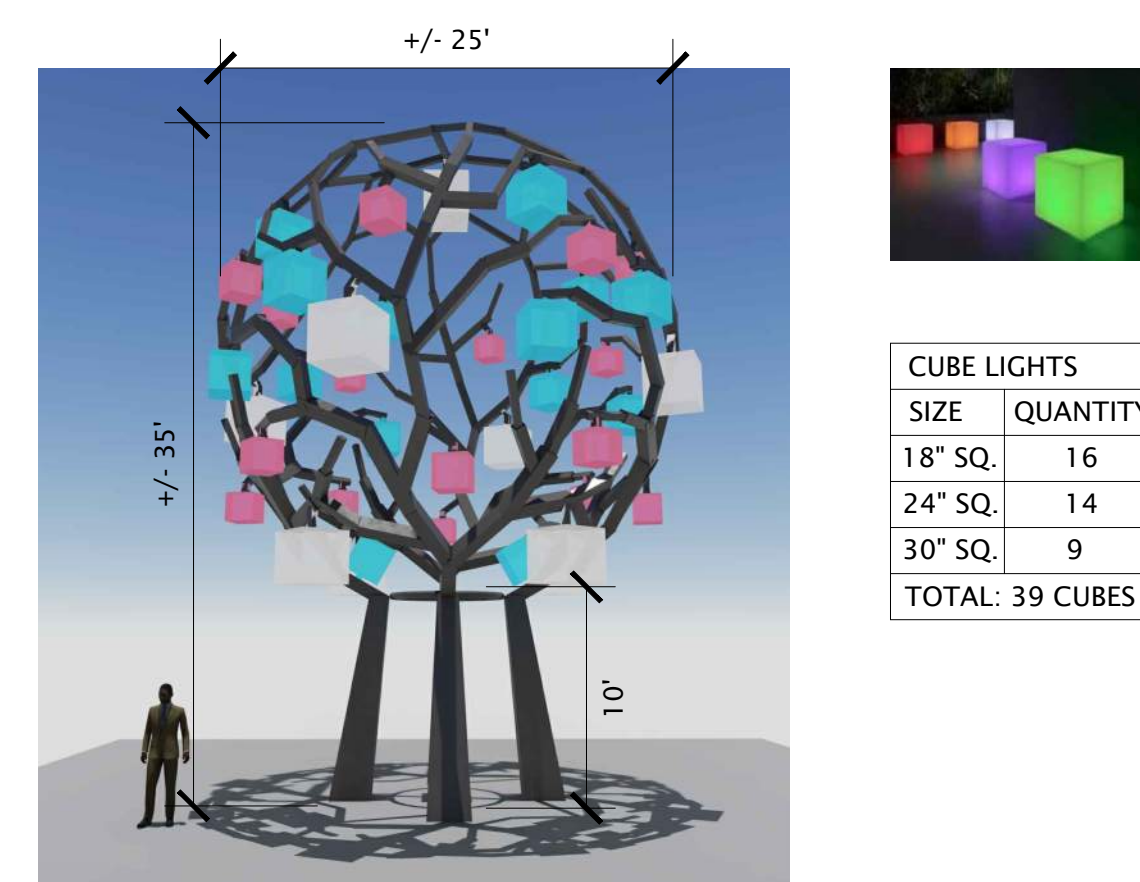


NOTES:  
 1. ALL MEMBERS AND ELEMENTS SHALL BE POWDERCOATED STEEL, COLOR AS SELECTED BY OWNER.  
 2. STRUCTURAL DETAILS AND FOOTINGS SHALL BE PER MANUFACTURER'S INSTRUCTIONS.  
 3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO OWNER FOR REVIEW, APPROVAL, AND PERMITTING PRIOR TO FABRICATION AND INSTALLATION.  
 4. BENCH MODEL TO BE THE LANDSCAPE FORMS PARC VUE, 6' BACKED BENCH OR APPROVED EQUAL. COLOR TBD.  
 5. SHADE SAIL CANOPY COLOR TO BE SELECTED BY OWNER.

**3 STEEL STRUCTURE WITH LARGE SWINGS**

1/4" = 1'-0"

P-22-246-59



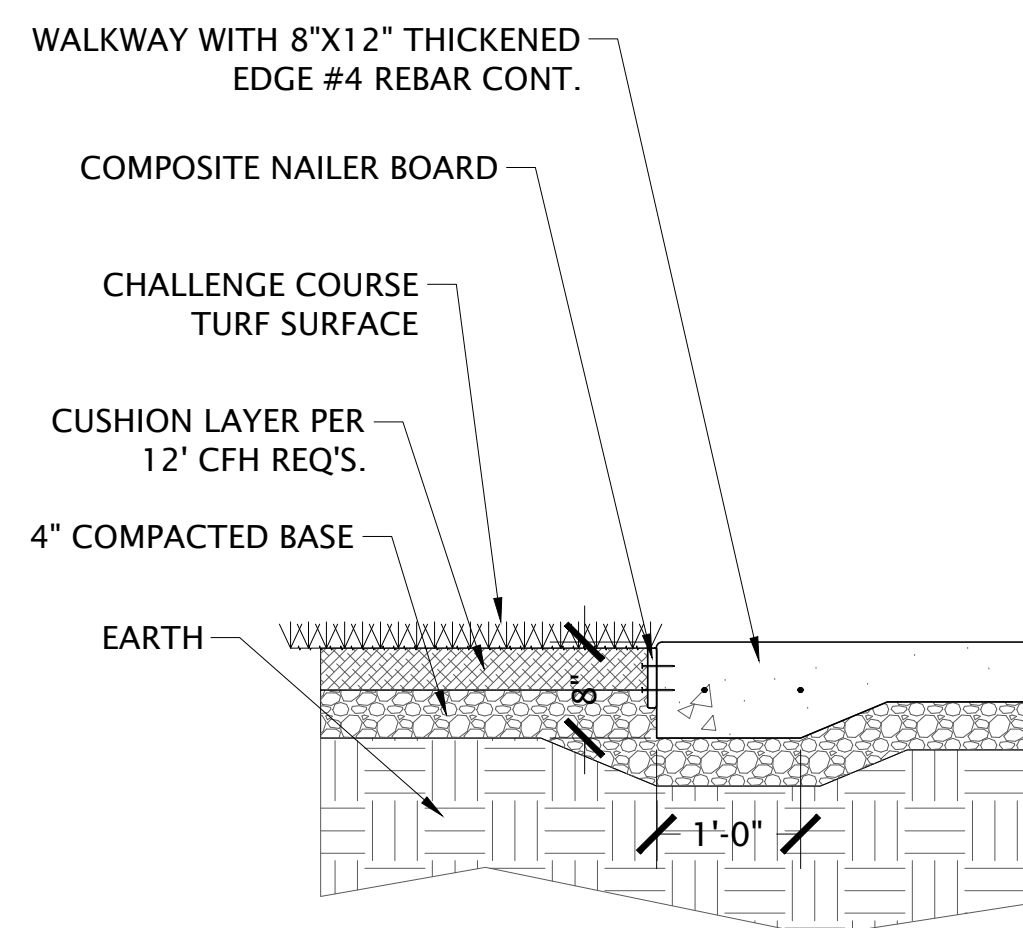
SIZE	QUANTITY
18" SQ.	16
24" SQ.	14
30" SQ.	9
<b>TOTAL:</b>	<b>39 CUBES</b>

NOTES:  
 1. TREE MONUMENT, CUBE LIGHTS, ELECTRICAL PANELS AND WIRING TO BE PROVIDED AND INSTALLED BY DAN TOONE. CONTACT: PH: 801-971-2465. LIGHT CUBES TO BE SOURCED FROM CAMMAN LIGHTING. CONTACT: DEVIN SIKO: PH: 724.691.9766.  
 2. EXCLUDE TREE MONUMENT FROM BID.  
 3. TREE MONUMENT STRUCTURAL DRAWINGS FOR MONUMENT AND FOOTINGS TO BE PROVIDED BY DAN TOONE FOR CITY APPROVAL. CONTRACTOR SHALL INSTALL FOOTINGS AND ASSOCIATED ELECTRICAL/DATA SWEAPS.  
 4. SEE ELECTRICAL PLAN FOR LIGHTING CONNECTIONS.

**4 TREE MONUMENT - N.I.C.**

SCALE: NOT TO SCALE

P-22-246-100



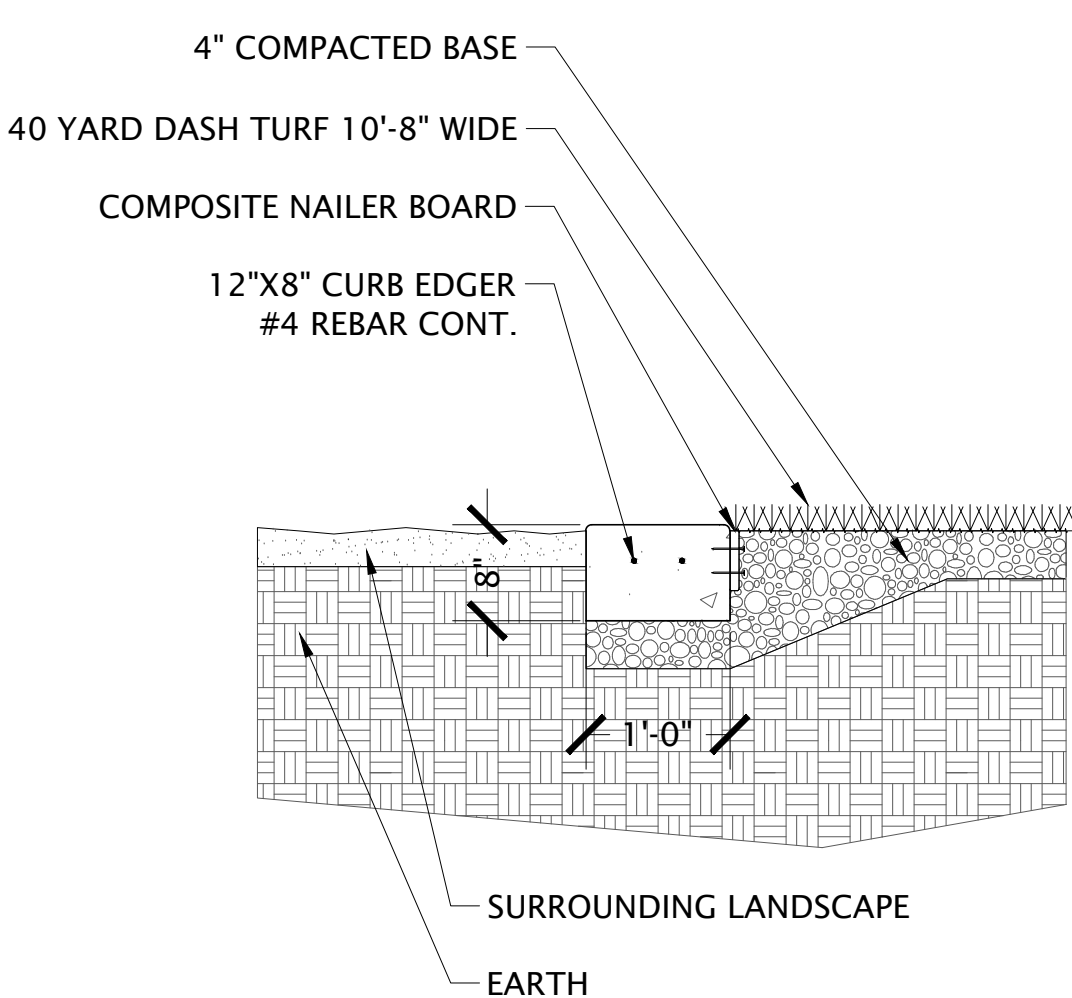
**6 CHALLENGE COURSE ARTIFICIAL TURF**

3/4" = 1'-0"

P-22-246-123

**5 HEADWATER FEATURE TREE**

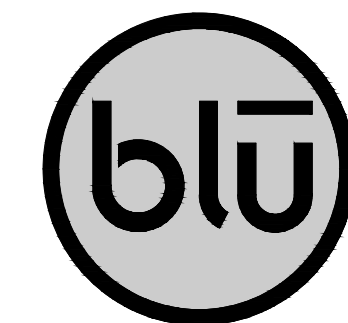
SCALE: NOT TO SCALE



**7 40 YARD DASH ARTIFICIAL TURF**

3/4" = 1'-0"

P-22-246-124



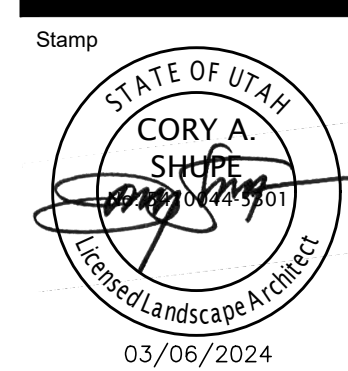
blu line designs  
 planning | landscape architecture | desi  
 8719 S. Sandy Parkway  
 Sandy, UT 84070  
 p 801.913.7994

CLIENT  
 FARMINGTON CITY  
 CONTACT: SYLVIA CLARK  
 PH: 801.938.9205  
 EMAIL: SCLARK@FARMINGTON.UTAH.GOV



IVY ACRES PARK  
 1397 WEST COOK LANE  
 FARMINGTON, UT

NO.	DATE	DESCRIPTION
1	03/06/2024	ISSUED FOR PERMITTING



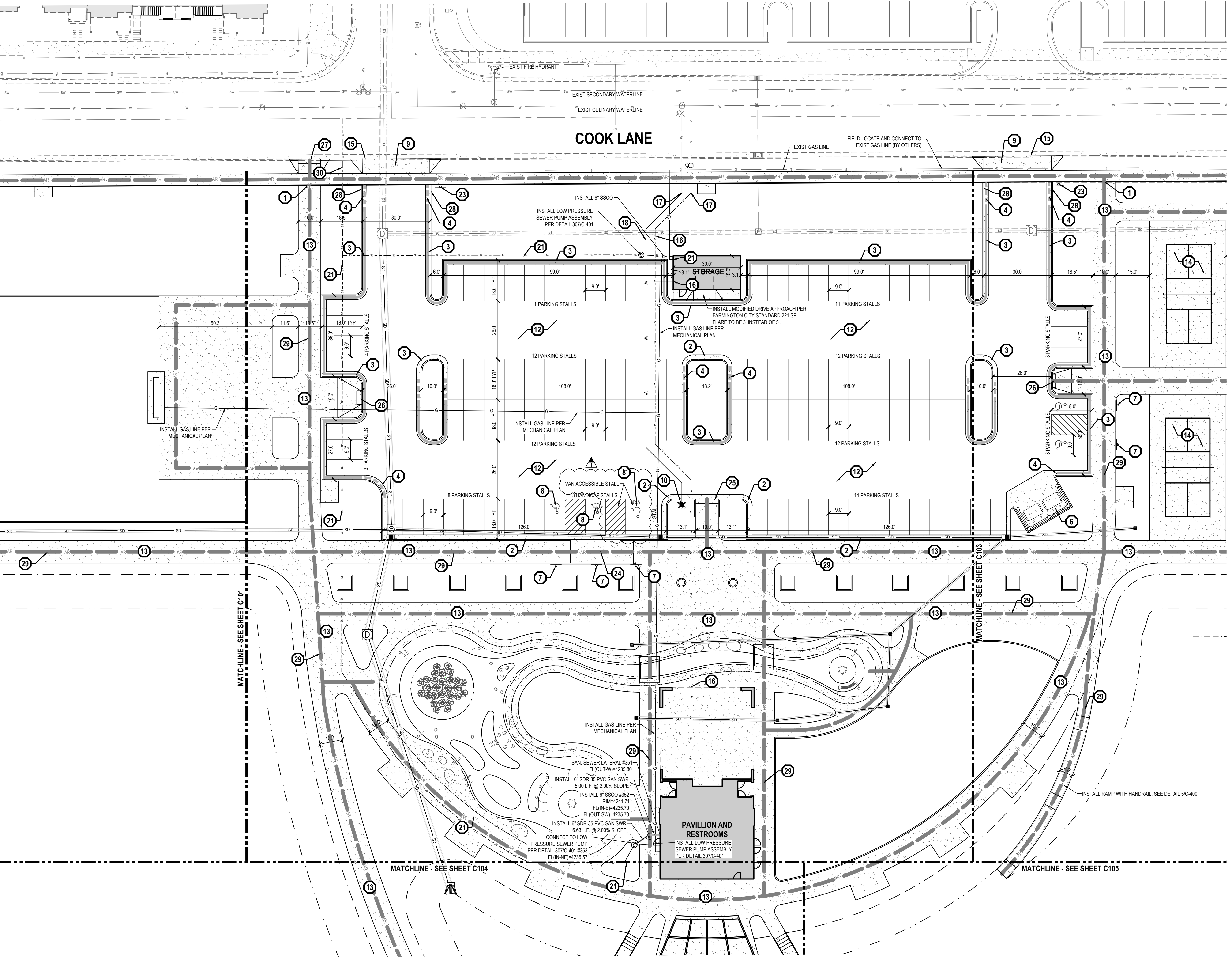
Designed By: BP  
 Drawn By: BP, TH  
 Date: 03/06/2024  
 Checked By: CS  
 Project No: 22-246

Drawing Title  
**SITE PLAN  
 DETAILS**

Drawing number  
**LS506**

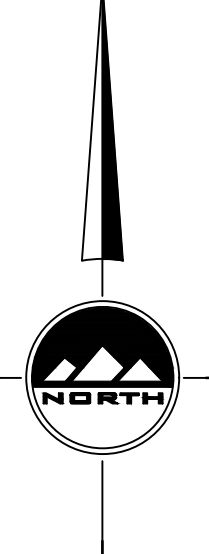
**811**  
CALL BLUESTAKES @ 811  
AT LEAST 48 HOURS PRIOR  
TO THE COMMENCEMENT  
OF ANY CONSTRUCTION.  
Know what's below.  
Call before you dig.

**BENCHMARK**  
SOUTH QUARTER CORNER OF SECTION 14,  
TOWNSHIP 3 NORTH, RANGE 1 WEST  
SALT LAKE BASE AND MERIDIAN  
ELEV = 4229.59'



- GENERAL NOTES**
1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
  2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
  3. SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, DETAILS, SCORE PATTERNS THROUGHOUT SITE, AND MONOLITHIC POUR AT INTERSECTIONS.
  4. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
  5. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
  6. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT.
  7. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.
  8. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
  9. ALL SANITARY SEWER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY STANDARD PLANS AND SPECIFICATIONS.
  10. ALL WATER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
  11. DEFLECT OR LOOP ALL WATERLINES TO AVOID CONFLICTS WITH OTHER UTILITIES PER GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
  12. PROJECT SHALL COMPLY WITH ALL UTAH DIVISION OF DRINKING WATER RULES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THOSE PERTAINING TO BACKFLOW PROTECTION AND CROSS CONNECTION PREVENTION.
  13. THE CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL/PLUMBING PLANS.
  14. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING UTILITY STRUCTURES OR PIPES.
  15. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
  16. ALL UTILITIES LOCATED WITHIN ANY PRIVATE STREET SHALL BE PRIVATELY OWNED AND MAINTAINED.
  17. CONTRACTOR TO COORDINATE SITE LIGHTING WITH ELECTRICAL PLANS. NOTIFY ENGINEER OF ANY DISCREPANCIES.

- SCOPE OF WORK:**  
PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
- 1 MATCH EXISTING IMPROVEMENTS
  - 2 INSTALL 30" CURB AND GUTTER PER DETAIL 11C400
  - 3 INSTALL 30" REVERSE PAN CURB AND GUTTER PER DETAIL 21C400
  - 4 TRANSITION FROM 30" REVERSE PAN TO 30" STANDARD CURB AND GUTTER
  - 5 INSTALL PAVEMENT FOR TRASH ENCLOSURE PER DETAIL 41C400
  - 6 INSTALL TRASH ENCLOSURE PER ARCHITECTURAL PLANS
  - 7 INSTALL HANDICAP ACCESSIBLE PARKING SIGN PER DETAIL 71C400
  - 8 INSTALL HANDICAP ACCESSIBLE PARKING PAVEMENT MARKING PER DETAIL 81C400
  - 9 INSTALL DRIVEWAY APPROACH PER FARMINGTON STANDARD DETAIL 221C-401
  - 10 INSTALL CLOW FIRE HYDRANT PER FARMINGTON STANDARD DETAIL 511 SP
  - 11 NOT USED
  - 12 INSTALL LIGHT DUTY PAVEMENT PER DETAIL 61C400
  - 13 INSTALL CONCRETE SIDEWALK PER DETAIL 31C400. WIDTH PER PLAN
  - 14 PICKLEBALL AND BASKETBALL COURTS TO BE POST TENSION CONCRETE. SEE STRUCTURAL DRAWINGS FOR DETAILS.
  - 15 SAWCUT AND REMOVE BACK OF CURB FOR DRIVE APPROACH INSTALLATION
  - 16 INSTALL 2" CULINARY WATER SERVICE LATERAL WITH 2" METER
  - 17 FIELD LOCATE AND CONNECT TO EXIST CULINARY WATERLINE
  - 18 INSTALL 6" C900 PVC CULINARY WATERLINE TO HYDRANT
  - 19 FIELD LOCATE AND CONNECT TO EXIST SANITARY SEWER STUB CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION OF STUB AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
  - 20 INSTALL 1-1/2" HDPE SDR-11 LATERAL TO MAIN SEE DETAIL 61C-401.
  - 21 INSTALL 1-1/4" HDPE SDR-11 PRESSURE SANITARY SEWER SERVICE LATERAL WITH CLEANOUT PER DETAIL 61C-401.
  - 22 FIELD LOCATE AND CONNECT TO EXIST SECONDARY WATER STUB
  - 23 INSTALL PUBLIC "STOP" SIGN PER M.U.T.C.D. STANDARDS WITH STREET SIGNS
  - 24 INSTALL HANDICAP ACCESSIBLE RAMP WITH DETECTABLE SURFACE PER DETAIL 11C401
  - 25 INSTALL HANDICAP ACCESSIBLE RAMP WITH DETECTABLE SURFACE PER DETAIL 21C401
  - 26 INSTALL HANDICAP ACCESSIBLE RAMP WITH DETECTABLE SURFACE PER DETAIL 31C401
  - 27 INSTALL HANDICAP ACCESSIBLE RAMP WITH DETECTABLE SURFACE PER DETAIL 41C401
  - 28 TAPER BACK OF CURB TO ZERO REVEAL AT SIDEWALK
  - 29 ADA ACCESSIBLE ROUTE
  - 30 FIELD LOCATE AND CONNECT TO EXISTING SANITARY SEWER LATERAL. EXACT LOCATION IS UNKNOWN.



**APPROVED FOR CONSTRUCTION**  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CITY ENGINEER



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**IVY ACRES PARK**  
1397 WEST COOK LANE (500 NORTH)  
FARMINGTON, UT

**REVISIONS**

NO.	DATE	DESCRIPTION
1		
2		



Designed By: I. LUCKLEY  
Drawn By: M. ELMER  
Date: 6/14/24  
Checked By: C. PRESTON  
Project No: 22-246

Drawing Title  
**SITE UTILITY PLAN**

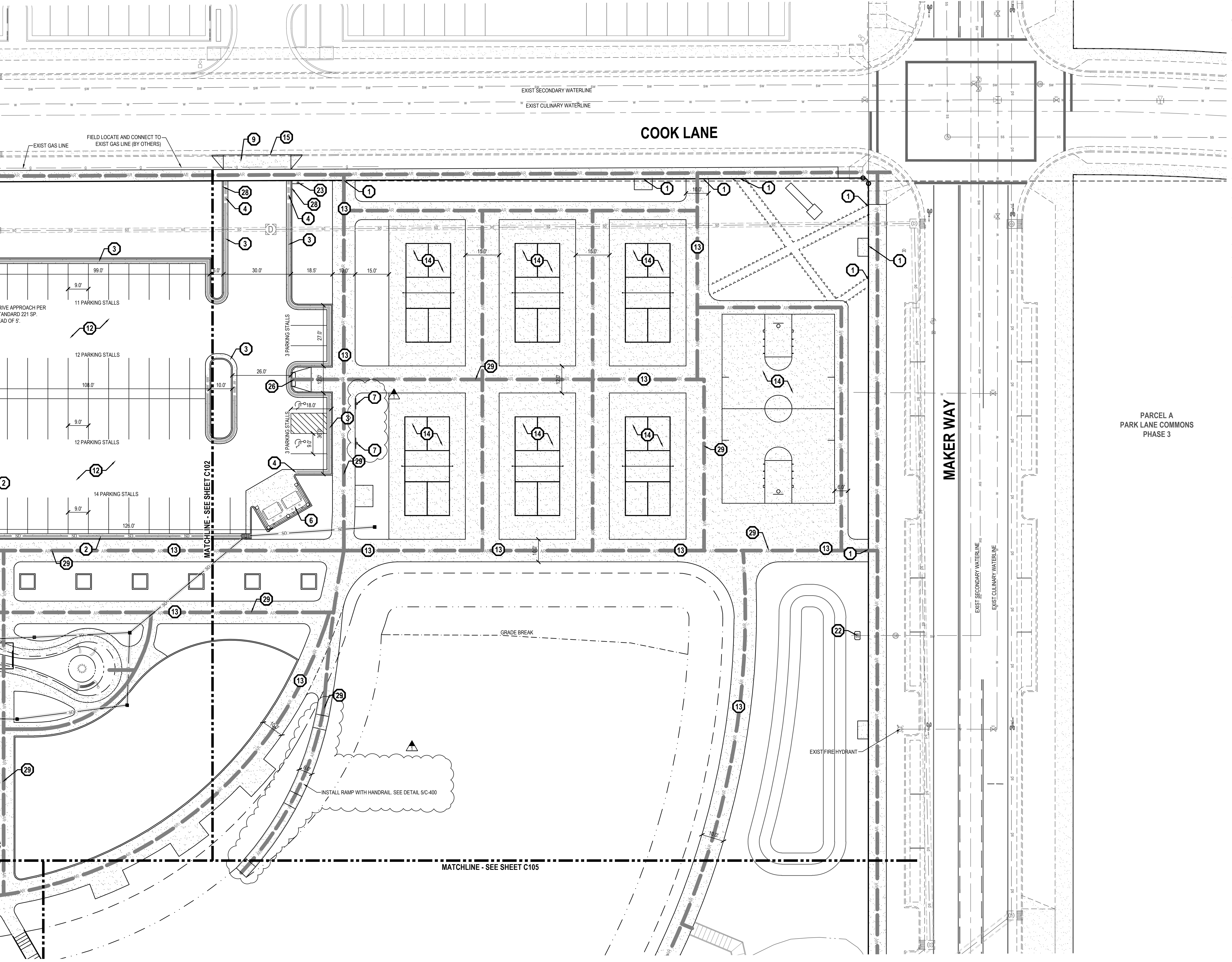
Drawing number  
**C102**

FOR CONSTRUCTION

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**BENCHMARK**  
SOUTH QUARTER CORNER OF SECTION 14,  
TOWNSHIP 3 NORTH, RANGE 1 WEST  
SALT LAKE BASE AND MERIDIAN  
ELEV = 4229.59'



- GENERAL NOTES**
- ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
  - ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
  - SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, DETAILS, SCORE PATTERNS THROUGHOUT SITE, AND MONOLITHIC POUR AT INTERSECTIONS.
  - ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
  - ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
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  - EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
  - ALL SANITARY SEWER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY STANDARD PLANS AND SPECIFICATIONS.
  - ALL WATER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
  - DEFLECT OR LOOP ALL WATERLINES TO AVOID CONFLICTS WITH OTHER UTILITIES PER GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
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  - CONTRACTOR TO COORDINATE SITE LIGHTING WITH ELECTRICAL PLANS. NOTIFY ENGINEER OF ANY DISCREPANCIES.

- SCOPE OF WORK:**  
PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
- MATCH EXISTING IMPROVEMENTS
  - INSTALL 30" CURB AND GUTTER PER DETAIL 1/C400
  - INSTALL 30" REVERSE PAN CURB AND GUTTER PER DETAIL 2/C400
  - TRANSITION FROM 30" REVERSE PAN TO 30" STANDARD CURB AND GUTTER
  - INSTALL PAVEMENT FOR TRASH ENCLOSURE PER DETAIL 4/C400
  - INSTALL TRASH ENCLOSURE PER ARCHITECTURAL PLANS
  - INSTALL HANDICAP ACCESSIBLE PARKING SIGN PER DETAIL 7/C400
  - INSTALL HANDICAP ACCESSIBLE PARKING PAVEMENT MARKING PER DETAIL 8/C400
  - INSTALL DRIVEWAY APPROACH PER FARMINGTON STANDARD DETAIL 221/C-401
  - INSTALL CLOW FIRE HYDRANT PER FARMINGTON STANDARD DETAIL 511 SP
  - NOT USED
  - INSTALL LIGHT DUTY PAVEMENT PER DETAIL 6/C400
  - INSTALL CONCRETE SIDEWALK PER DETAIL 3/C400. WIDTH PER PLAN
  - PICKLEBALL AND BASKETBALL COURTS TO BE POST TENSION CONCRETE. SEE STRUCTURAL DRAWINGS FOR DETAILS.
  - SAWCUT AND REMOVE BACK OF CURB FOR DRIVE APPROACH INSTALLATION
  - INSTALL 2" CULINARY WATER SERVICE LATERAL WITH 2" METER
  - FIELD LOCATE AND CONNECT TO EXIST CULINARY WATERLINE
  - INSTALL 6" C900 PVC CULINARY WATERLINE TO HYDRANT
  - FIELD LOCATE AND CONNECT TO EXIST SANITARY SEWER STUB CONTRACTOR TO FIELD VERIFY SIZE AND LOCATION OF STUB AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
  - INSTALL 1-1/2" HDPE SDR-11 LATERAL TO MAIN SEE DETAIL 6/C-401.
  - INSTALL 1-1/4" HDPE SDR-11 PRESSURE SANITARY SEWER SERVICE LATERAL WITH CLEANOUT PER DETAIL 6/C-401.
  - FIELD LOCATE AND CONNECT TO EXIST SECONDARY WATER STUB
  - INSTALL PUBLIC "STOP" SIGN PER M.U.T.C.D. STANDARDS WITH STREET SIGNS
  - INSTALL HANDICAP ACCESSIBLE RAMP WITH DETECTABLE SURFACE PER DETAIL 1/C401
  - INSTALL HANDICAP ACCESSIBLE RAMP WITH DETECTABLE SURFACE PER DETAIL 2/C401
  - INSTALL HANDICAP ACCESSIBLE RAMP WITH DETECTABLE SURFACE PER DETAIL 3/C401
  - INSTALL HANDICAP ACCESSIBLE RAMP WITH DETECTABLE SURFACE PER DETAIL 4/C401
  - TAPER BACK OF CURB TO ZERO REVEAL AT SIDEWALK
  - ADA ACCESSIBLE ROUTE
  - FIELD LOCATE AND CONNECT TO EXISTING SANITARY SEWER LATERAL. EXACT LOCATION IS UNKNOWN.

**FOR CONSTRUCTION**

APPROVED FOR CONSTRUCTION

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CITY ENGINEER

**HORIZONTAL GRAPHIC SCALE**  
(IN FEET)  
HORZ: 1 inch = 20 ft.

DESIGNED BY: I. BUCKLEY  
DRAWN BY: M. ELMER  
DATE: 6/14/24  
CHECKED BY: C. PRESTON  
PROJECT NO: 22-246

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**IVY ACRES PARK**  
1397 WEST COOK LANE (500 NORTH)  
FARMINGTON, UT

REVISIONS

NO.	DATE	DESCRIPTION
1		

PROFESSIONAL ENGINEER  
No. 5049039  
6-14-24  
CAMERON WESS PRESTON

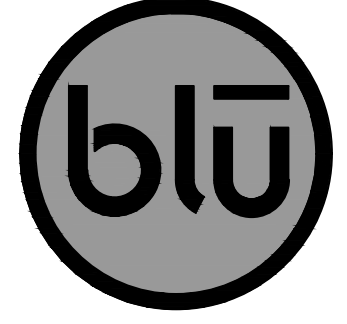
**FOR CONSTRUCTION**

**SITE UTILITY PLAN**

Drawing number  
**C103**

**811**  
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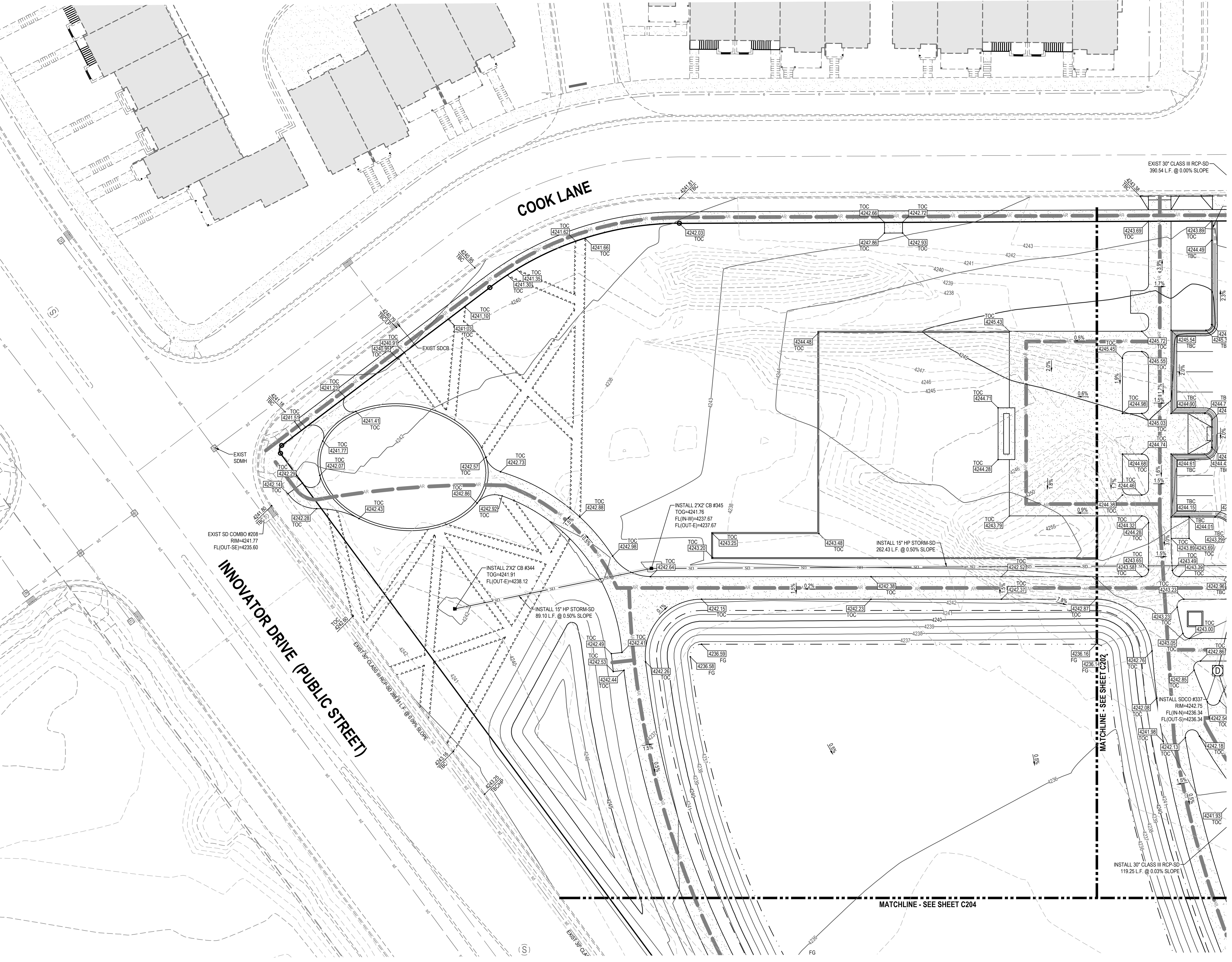
**BENCHMARK**  
SOUTH QUARTER CORNER OF SECTION 14,  
TOWNSHIP 3 NORTH, RANGE 1 WEST  
SALT LAKE BASE AND MERIDIAN  
ELEV = 4229.59'



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**IVY ACRES PARK**  
1397 WEST COOK LANE (500 NORTH)  
FARMINGTON, UT

REVISIONS

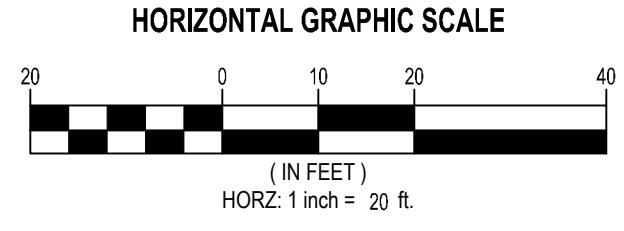
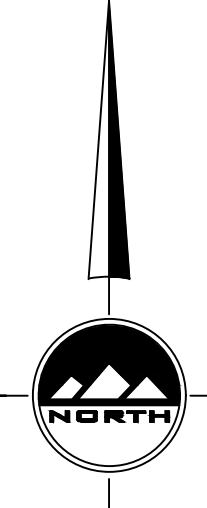
NO.	DATE	DESCRIPTION
1		



Designed By: I. BUCKLEY  
Drawn By: M. ELMER  
Date: 6/14/24  
Checked By: C. PRESTON  
Project No: 22-246

Drawing Title  
**GRADING AND DRAINAGE PLAN**

Drawing number  
**C201**



**APPROVED FOR CONSTRUCTION**

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CITY ENGINEER

FOR CONSTRUCTION

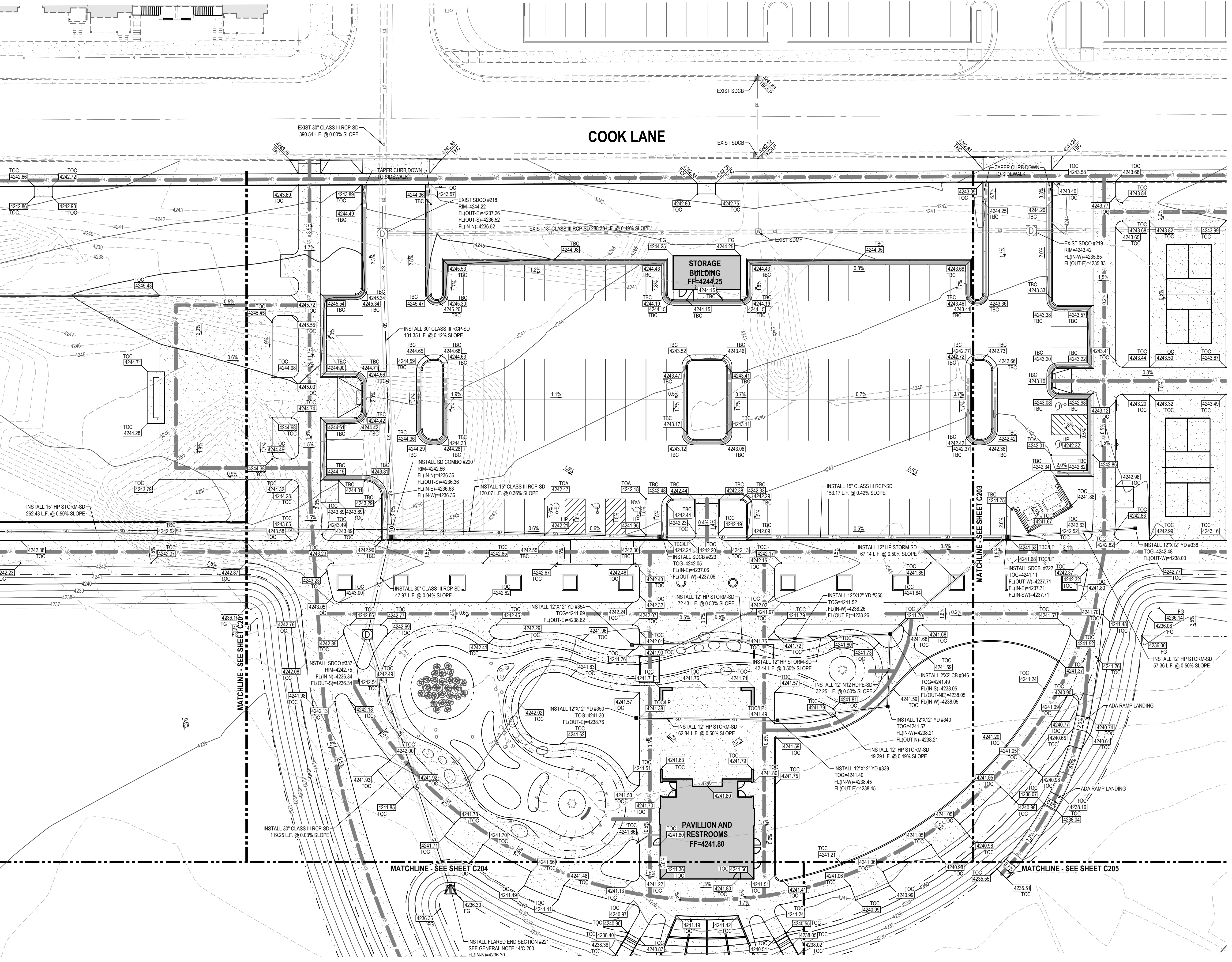
**811**  
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**BENCHMARK**  
SOUTH QUARTER CORNER OF SECTION 14,  
TOWNSHIP 3 NORTH, RANGE 1 WEST  
SALT LAKE BASE AND MERIDIAN  
ELEV = 4229.59'

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IVY ACRES PARK  
1397 WEST COOK LANE (500 NORTH)  
FARMINGTON, UT

REVISIONS

1	ISSUED FOR PERMIT
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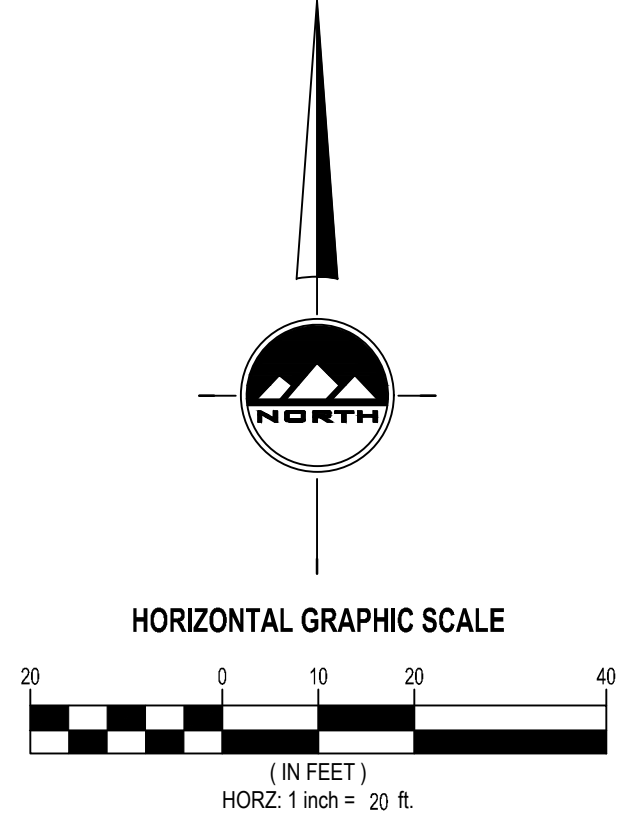
Designed By: I. LUCKLEY  
Drawn By: M. ELMER  
Date: 6/14/24  
Checked By: C. PRESTON  
Project No: 22-246

FOR CONSTRUCTION

GRADING AND DRAINAGE PLAN

Drawing number

**C202**



APPROVED FOR CONSTRUCTION  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CITY ENGINEER

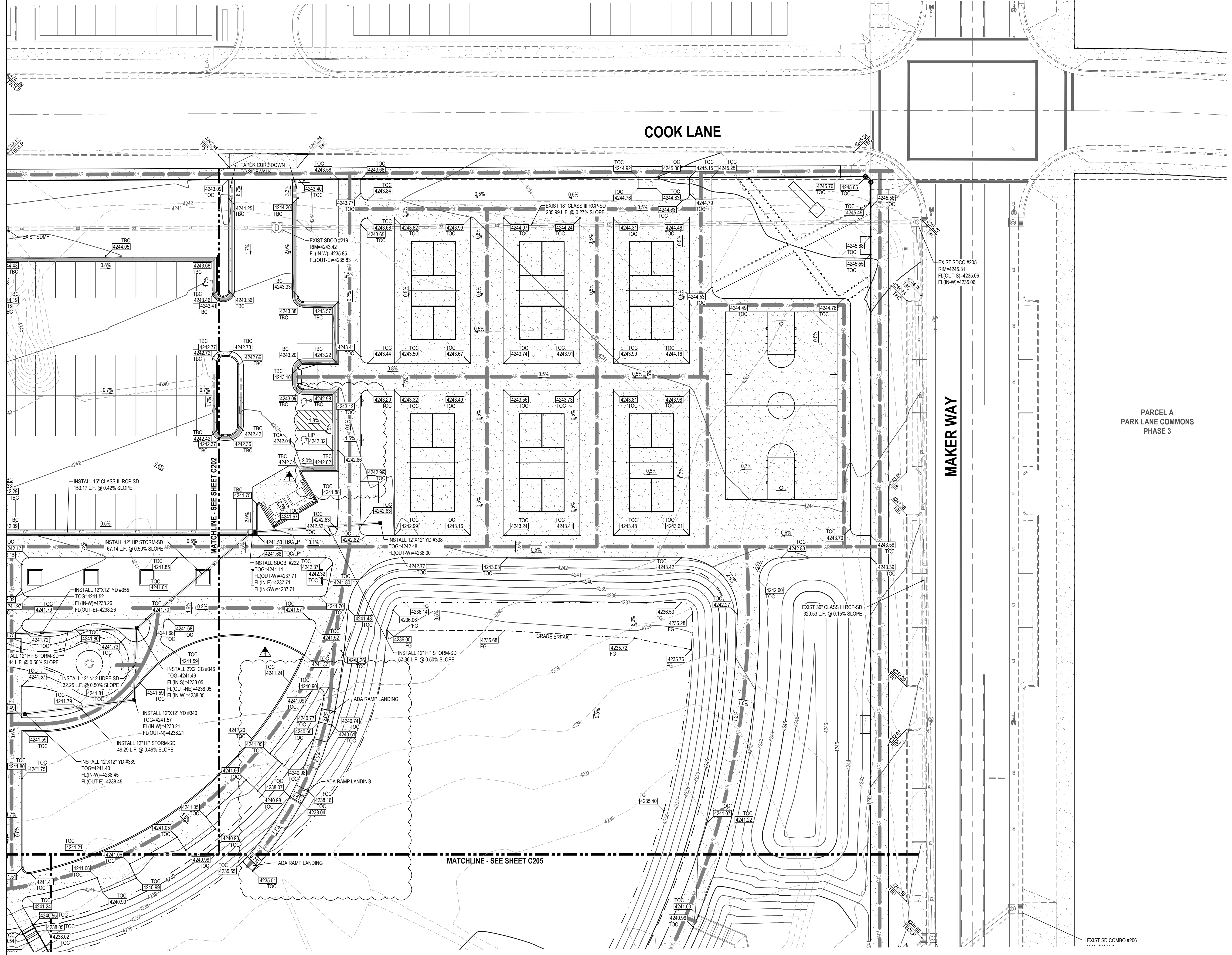
**811**  
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CALL BLUESTAKES @ 811  
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OF ANY CONSTRUCTION.

**BENCHMARK**  
SOUTH QUARTER CORNER OF SECTION 14,  
TOWNSHIP 3 NORTH, RANGE 1 WEST  
SALT LAKE BASE AND MERIDIAN  
ELEV = 4229.59'

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**IVY ACRES PARK**  
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FARMINGTON, UT

REVISIONS

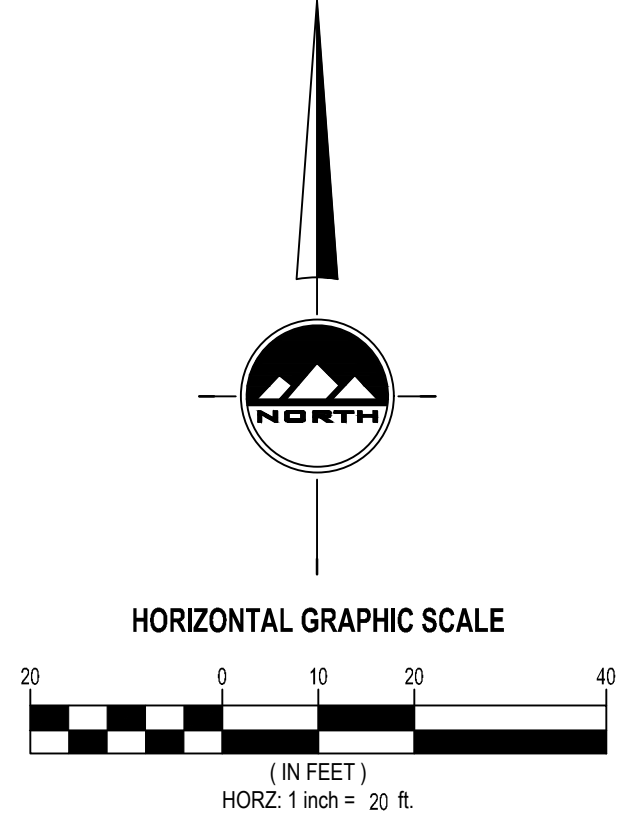
1	ISSUED FOR PERMIT
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Designed By: J. BUCKLEY  
Drawn By: M. ELMER  
Date: 6/14/24  
Checked By: C. PRESTON  
Project No: 22-246

Drawing Title  
**GRADING AND DRAINAGE PLAN**

Drawing number  
**C203**

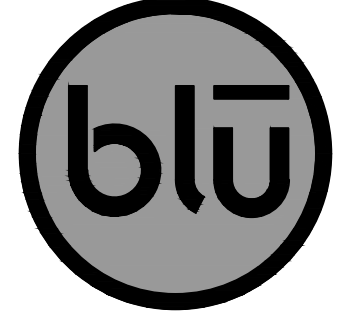


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CITY ENGINEER

FOR CONSTRUCTION

**811**  
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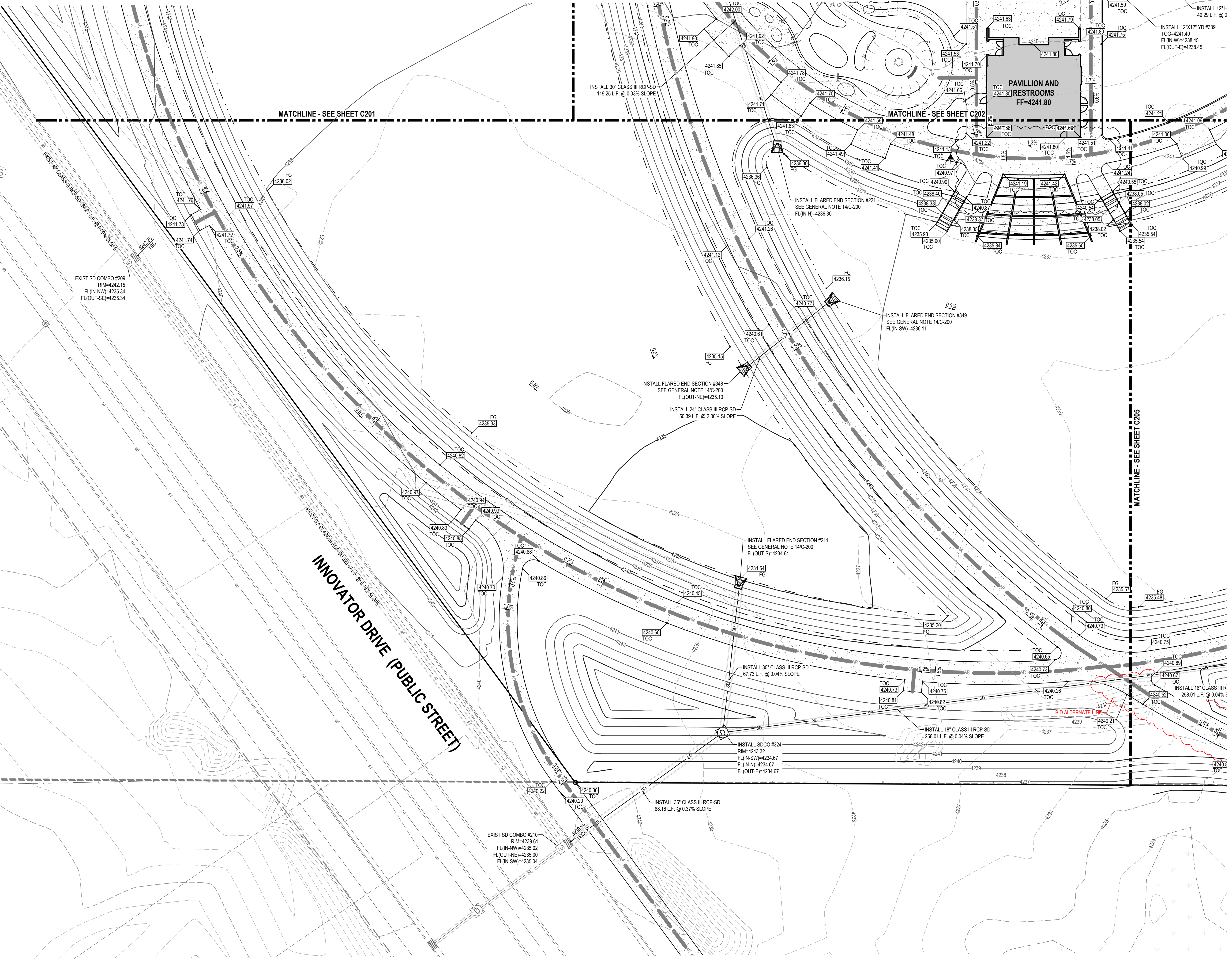
**BENCHMARK**  
SOUTH QUARTER CORNER OF SECTION 14,  
TOWNSHIP 3 NORTH, RANGE 1 WEST  
SALT LAKE BASE AND MERIDIAN  
ELEV = 4229.59'



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FARMINGTON, UT

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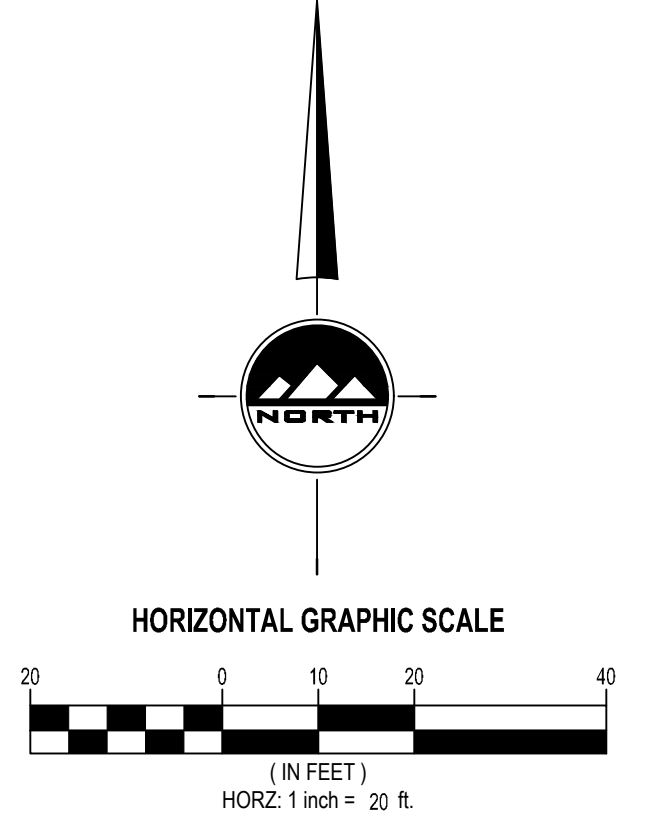


Designed By: I. BUCKLEY  
Drawn By: M. ELMER  
Date: 6/14/24  
Checked By: C. PRESTON  
Project No: 22-246

FOR CONSTRUCTION

**GRADING AND DRAINAGE PLAN**

Drawing number  
**C204**



**APPROVED FOR CONSTRUCTION**  
BY: \_\_\_\_\_ CITY ENGINEER DATE: \_\_\_\_\_



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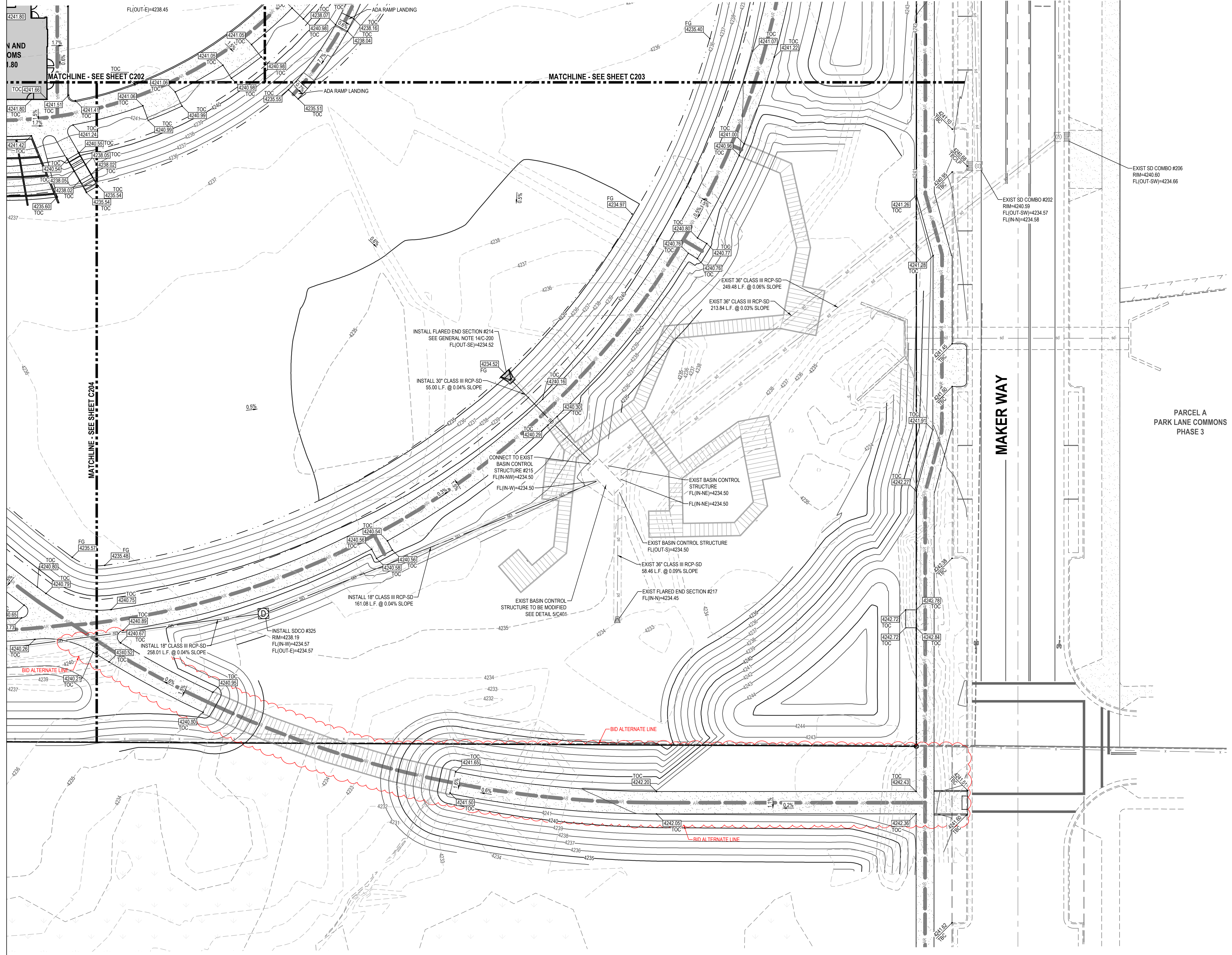
**BENCHMARK**  
SOUTH QUARTER CORNER OF SECTION 14,  
TOWNSHIP 3 NORTH, RANGE 1 WEST  
SALT LAKE BASE AND MERIDIAN  
ELEV = 4229.59'



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**IVY ACRES PARK**  
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FARMINGTON, UT

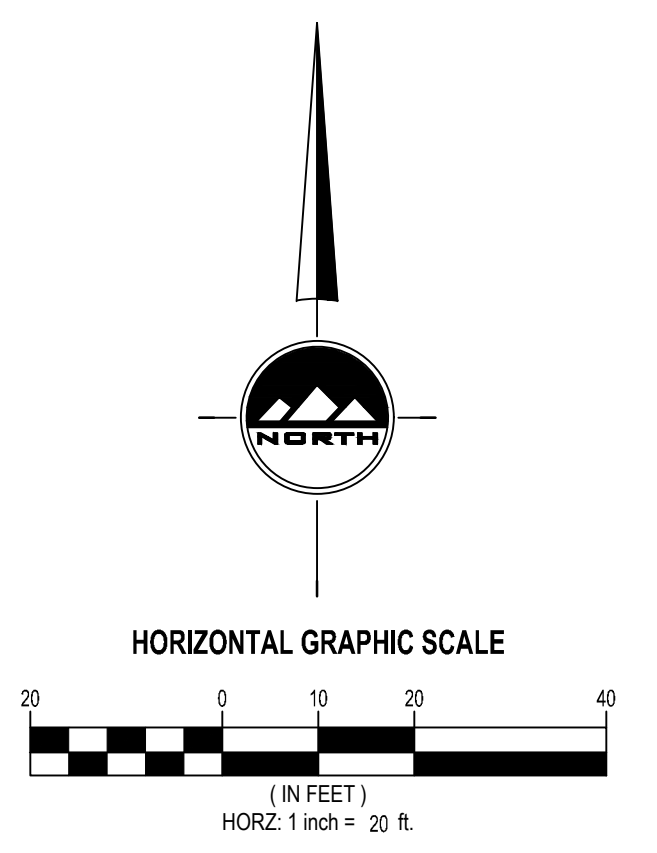
REVISIONS	
1	ADD



Designed By: I. BUCKLEY  
Drawn By: M. ELMER  
Date: 6/14/24  
Checked By: C. PRESTON  
Project No: 22-246

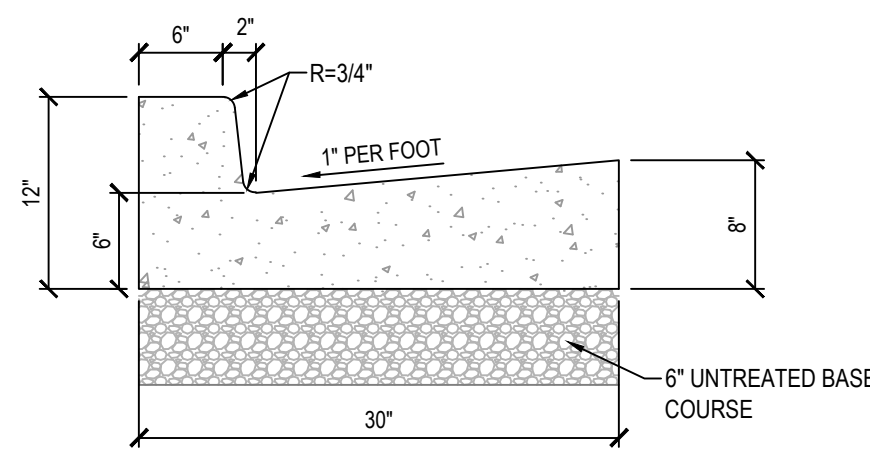
Drawing Title  
**GRADING AND DRAINAGE PLAN**

Drawing number  
**C205**

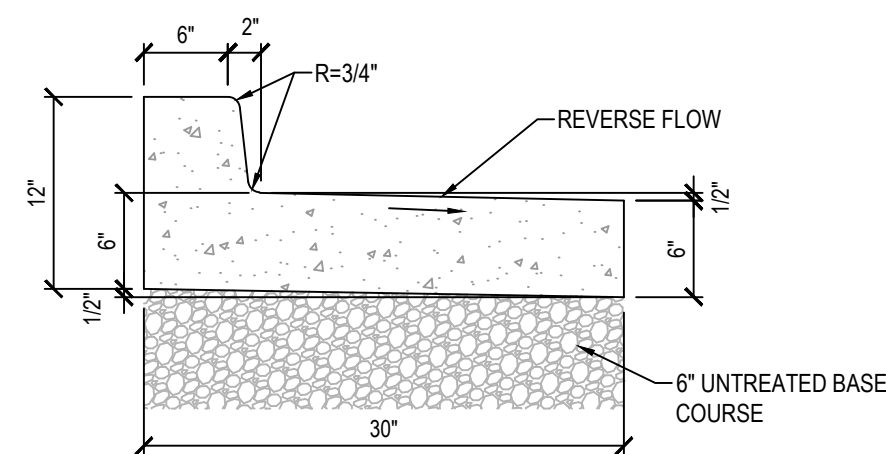


**APPROVED FOR CONSTRUCTION**  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CITY ENGINEER

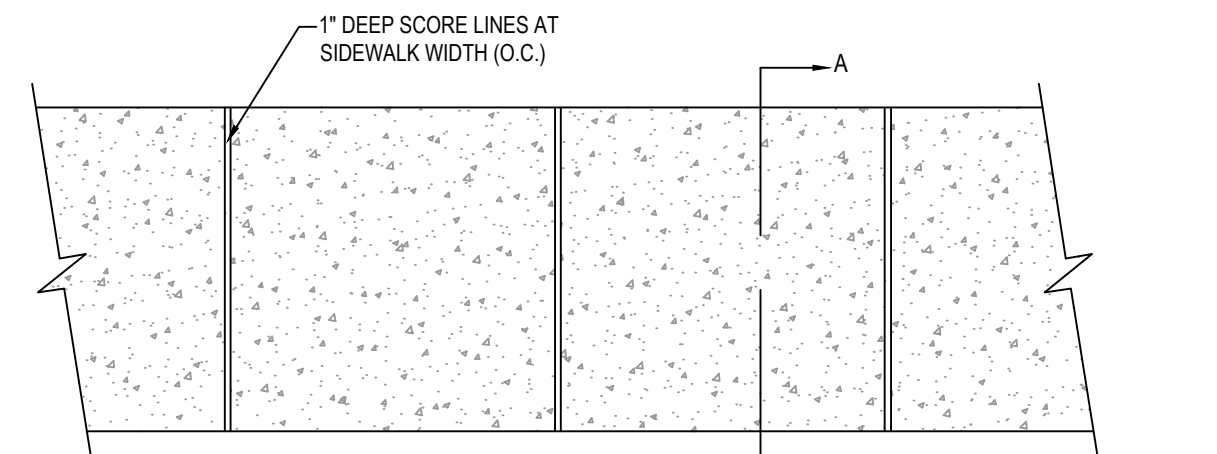
FOR CONSTRUCTION



**NOTE:**  
1. CONSTRUCT PER NOTES AND SPECIFICATIONS ASSOCIATED WITH APWA STANDARD PLAN NO. 205.



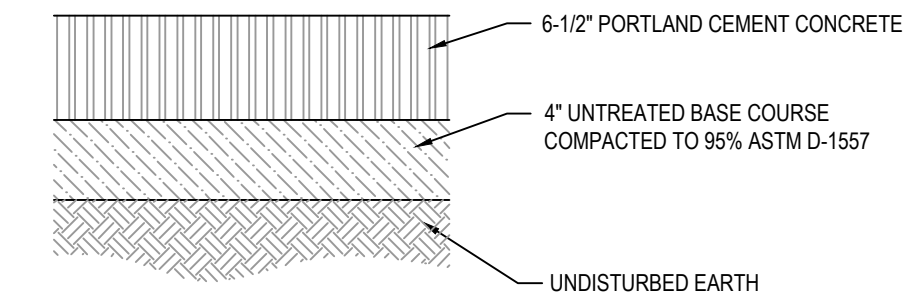
**NOTE:**  
1. CONSTRUCT PER NOTES AND SPECIFICATIONS ASSOCIATED WITH APWA STANDARD PLAN NO. 205.



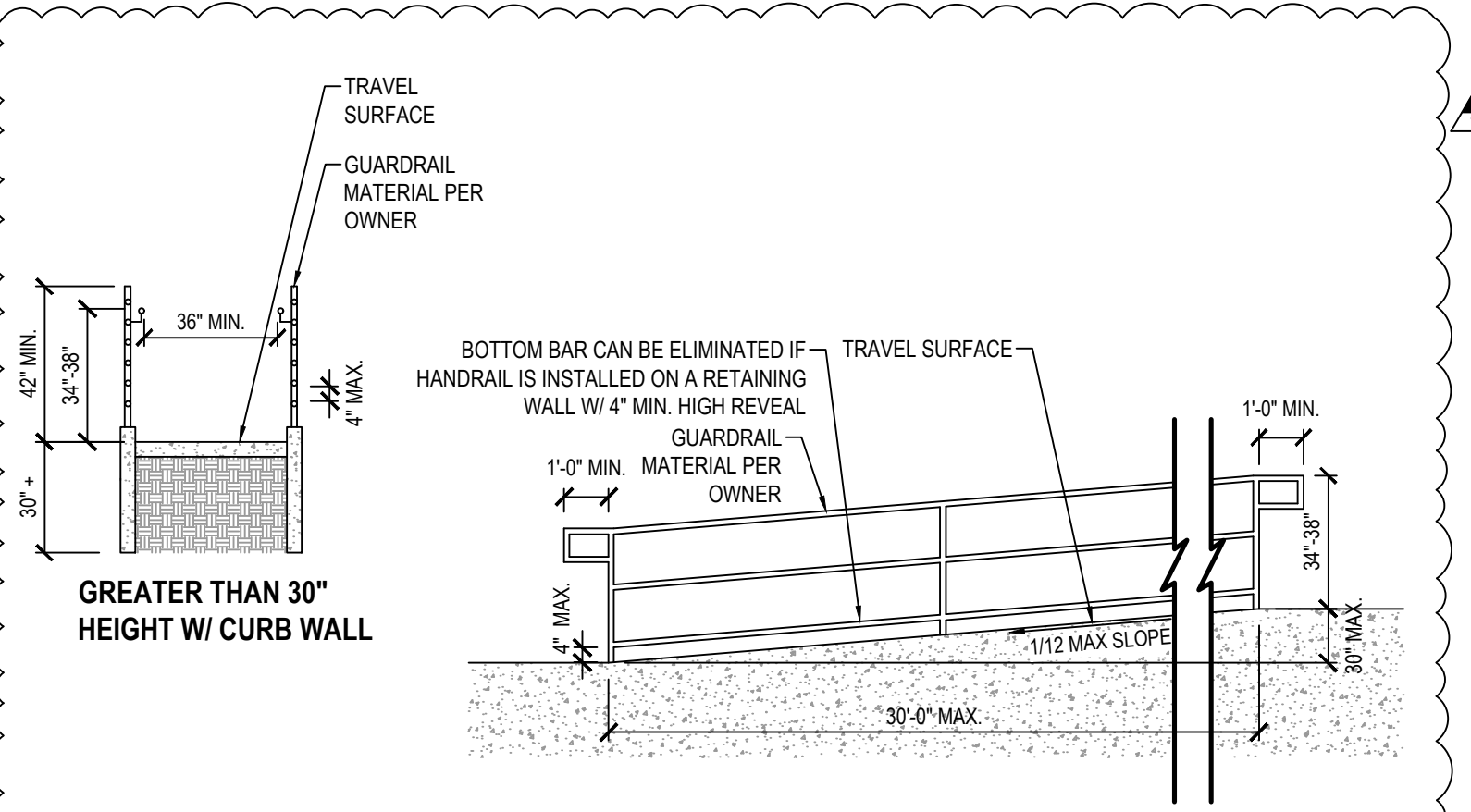
**NOTE:**  
1. EDGE SIDEWALK WITH 1/2\"/>

2. PROVIDE EXPANSION JOINT AT 60' MAX. O.C.

**NOTE:**  
APPROXIMATELY 1 1/2' TO 2 FEET OF GRANULAR BORROW MAY BE NEEDED TO FACILITATE CONSTRUCTION.

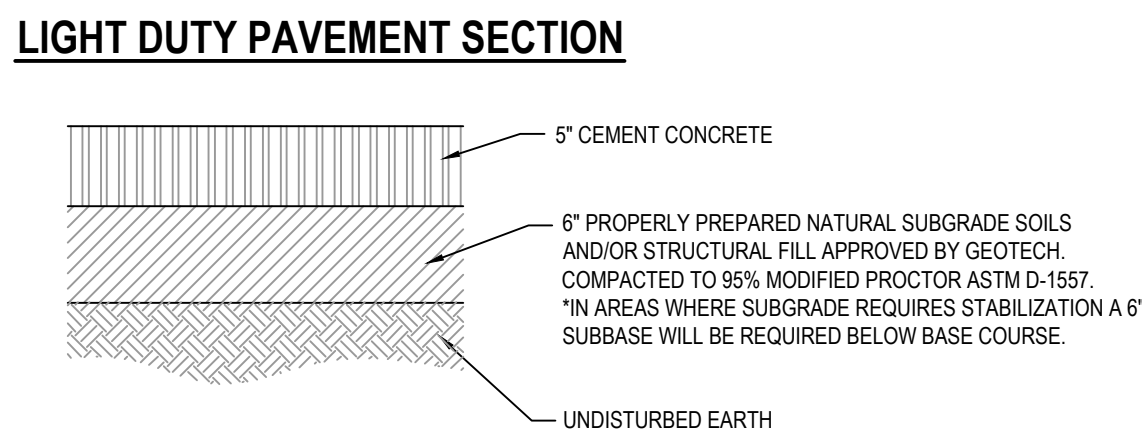
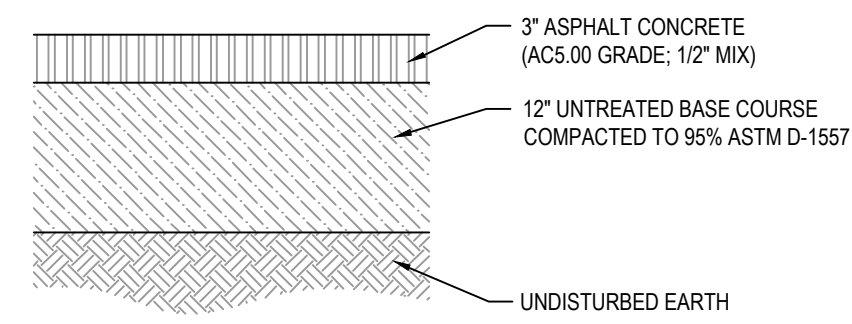


**1 30" COLLECTION CURB AND GUTTER** SCALE: NONE



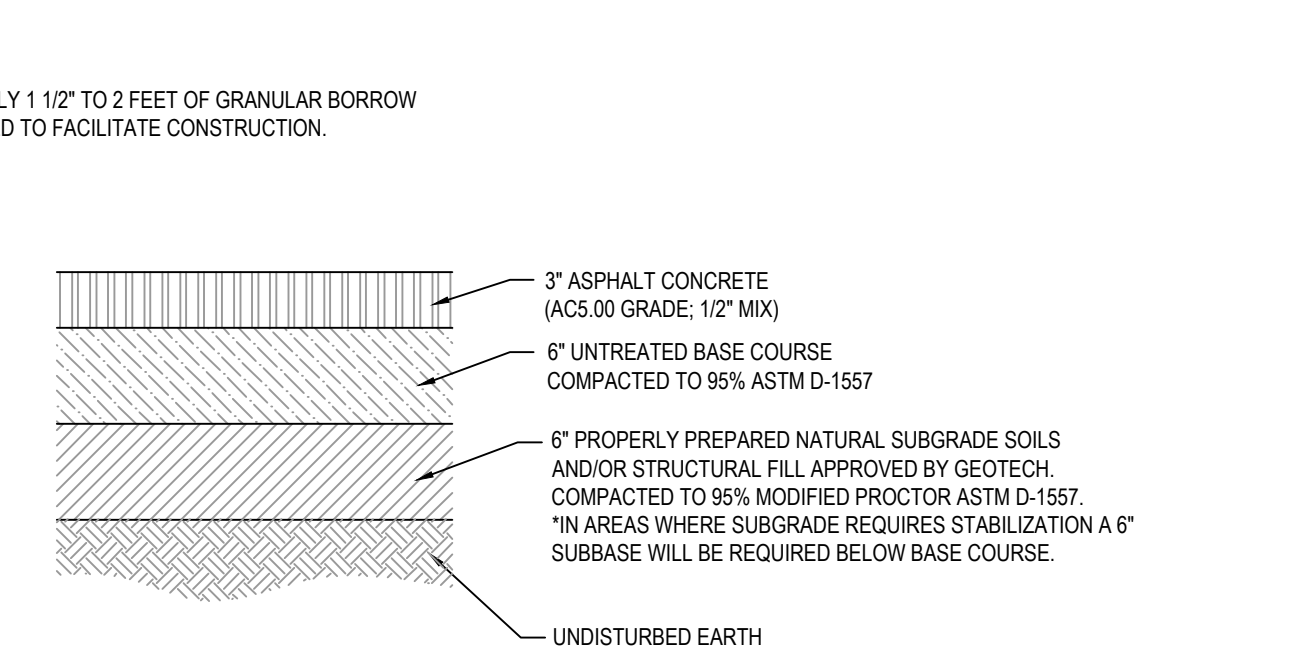
**5 ADA RAMP AND HANDRAIL** SCALE: NONE

**2 30" REVERSE PAN CURB AND GUTTER** SCALE: NONE



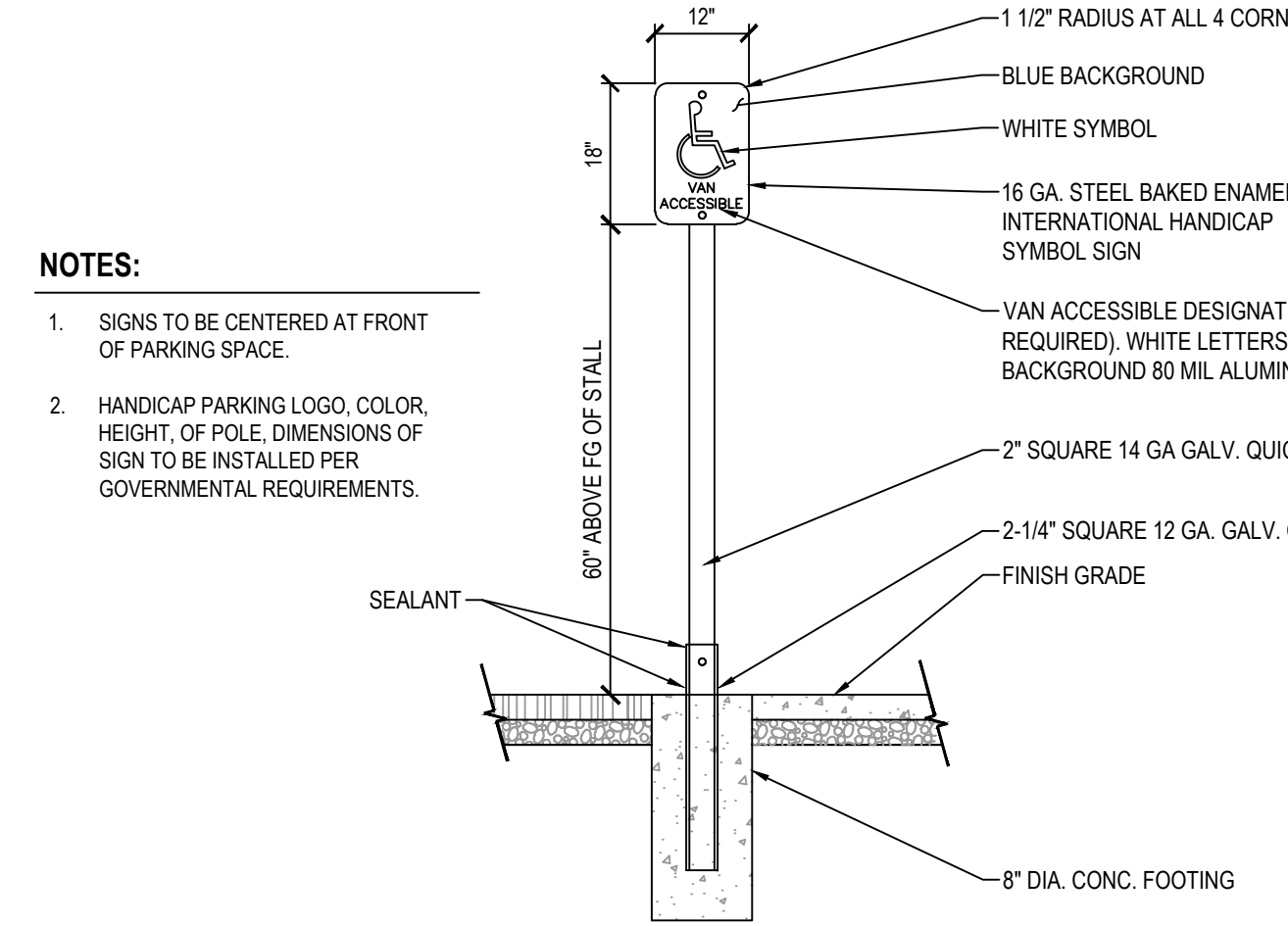
**ALTERNATIVE LIGHT PAVEMENT**

**3 CONCRETE SIDEWALK** SCALE: NONE

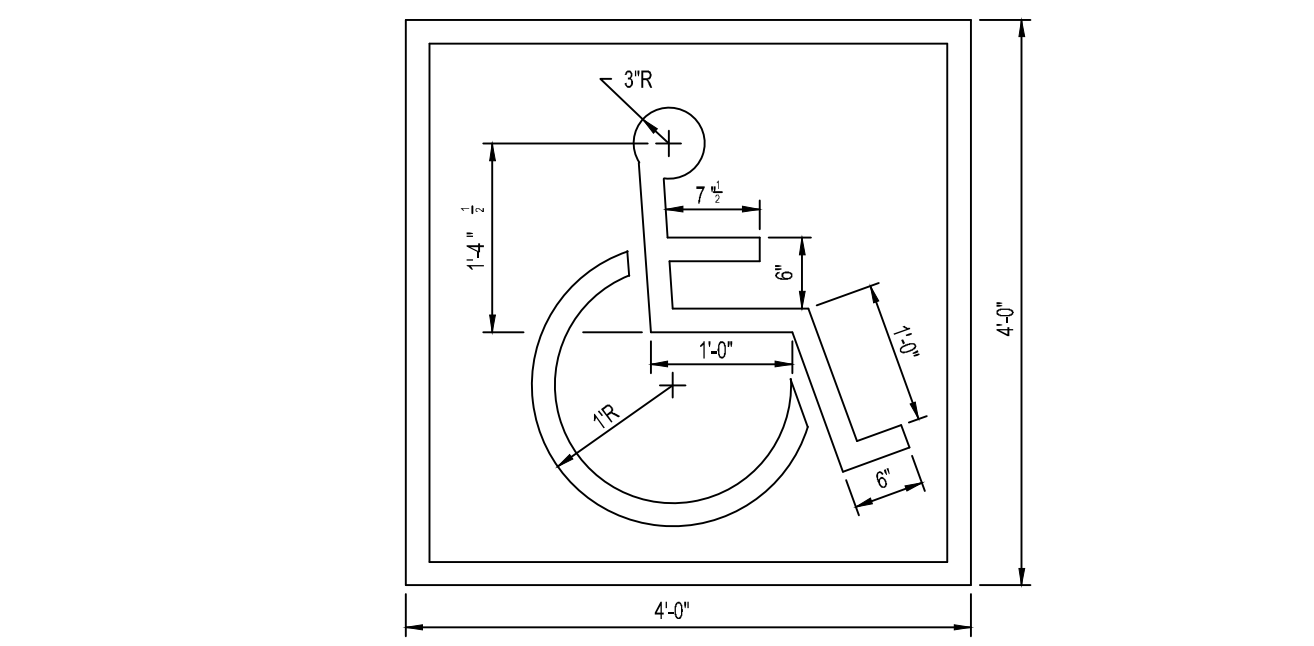


**ALTERNATIVE LIGHT PAVEMENT**

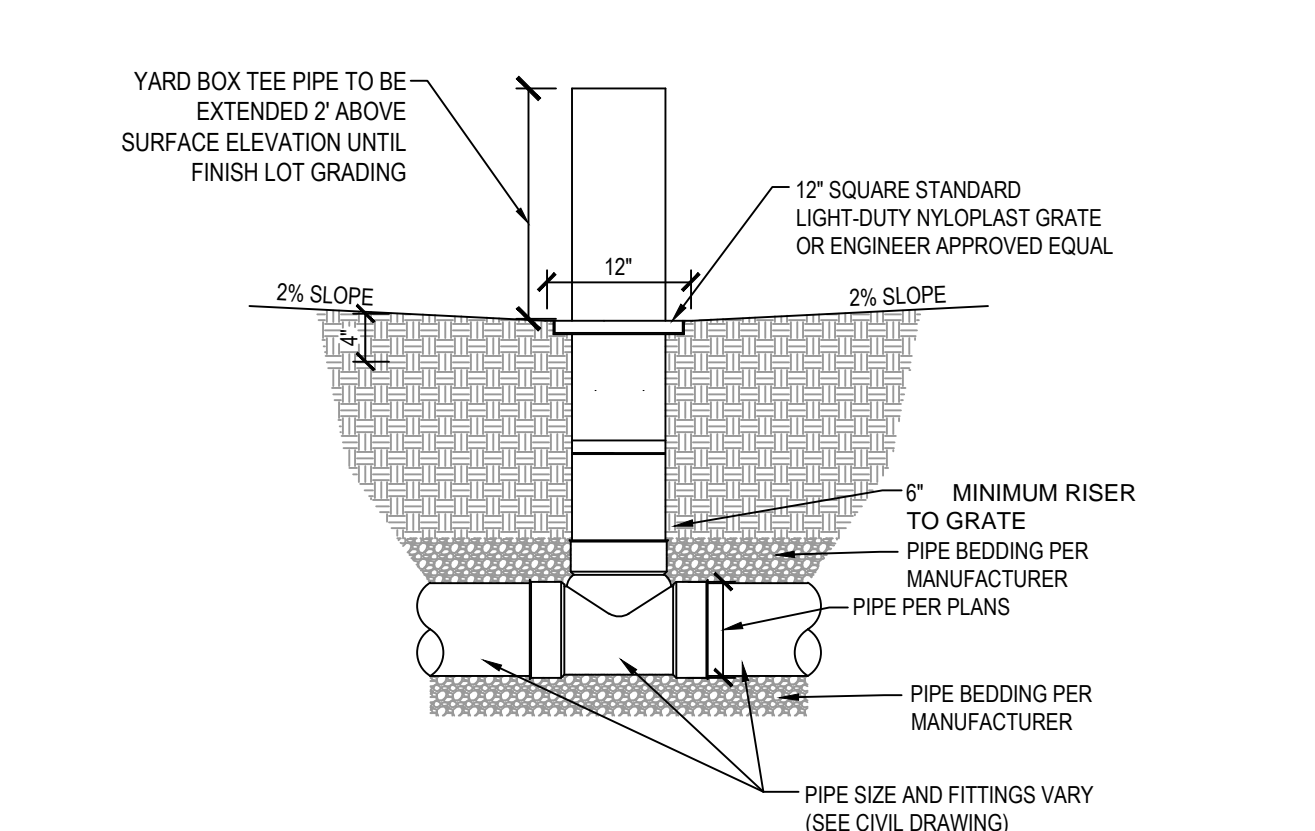
**4 TRASH ENCLOSURE PAVEMENT SECTION** SCALE: NONE



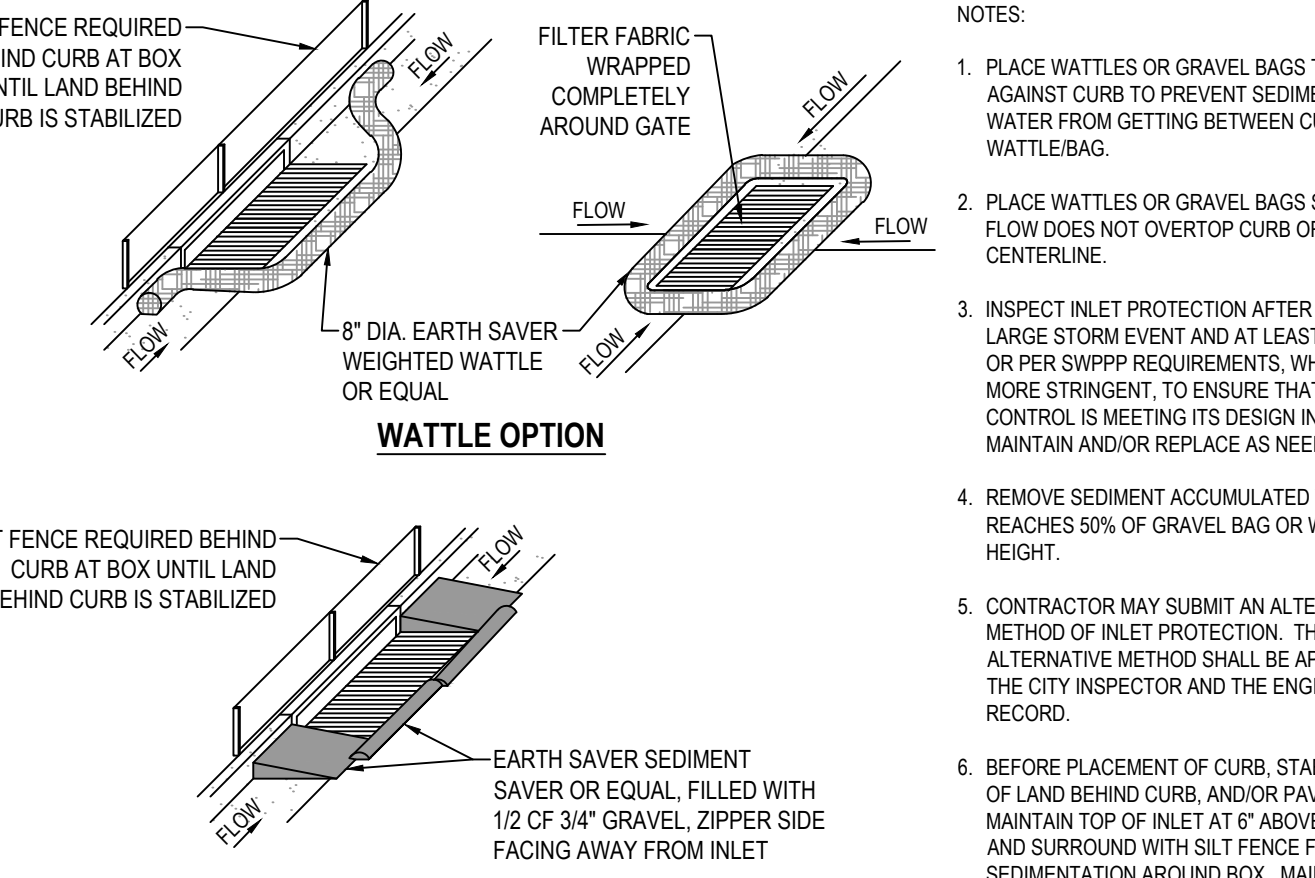
**9 ACCESSIBLE PARKING SIGN** SCALE: NONE



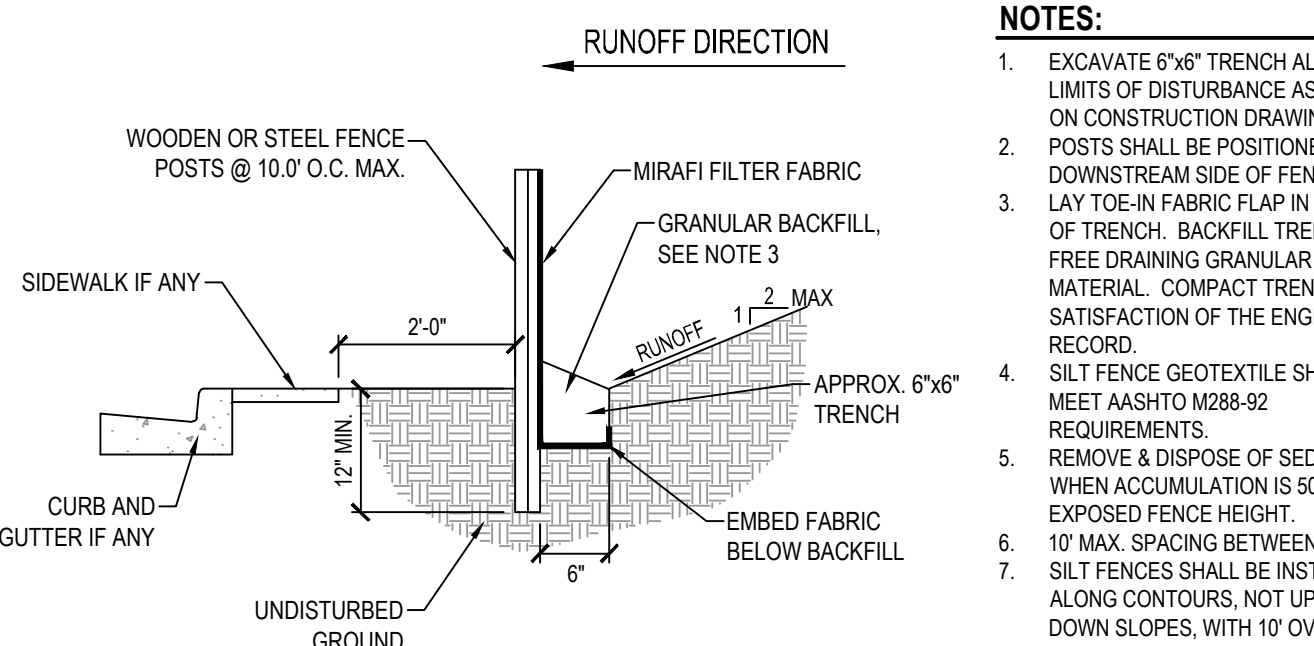
**10 STALL PAVEMENT MARKING** SCALE: NONE



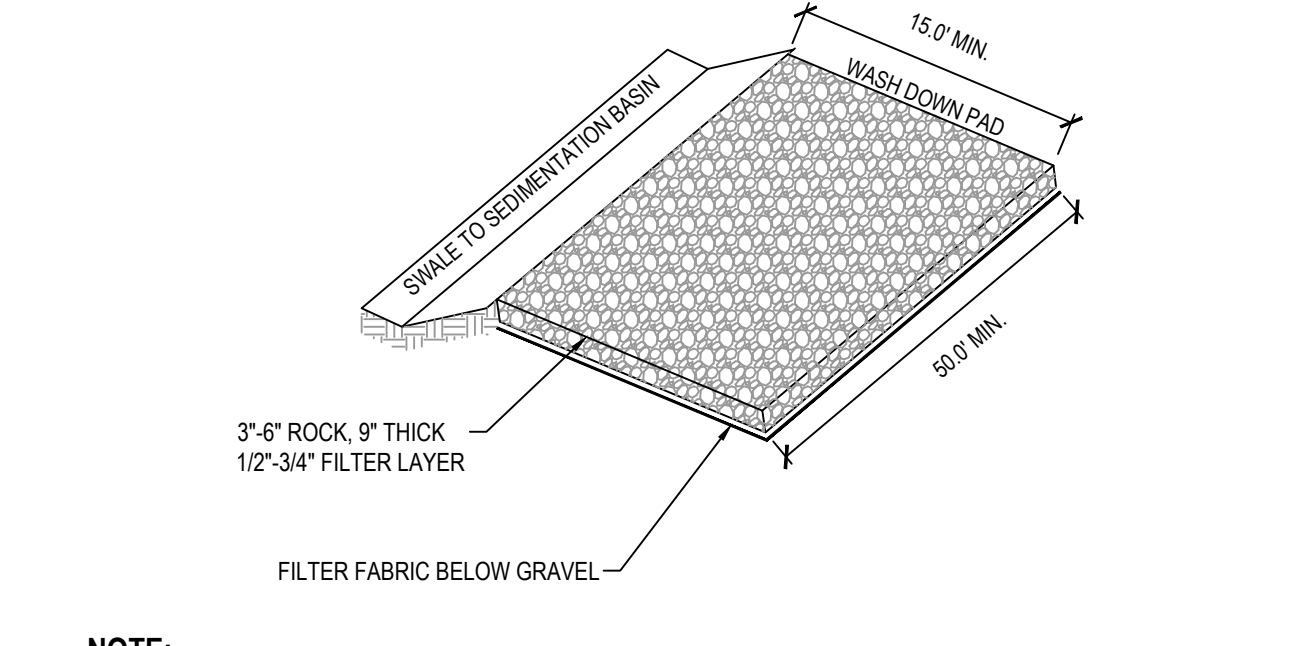
**11 12" X 12" YARD DRAIN** SCALE: NONE



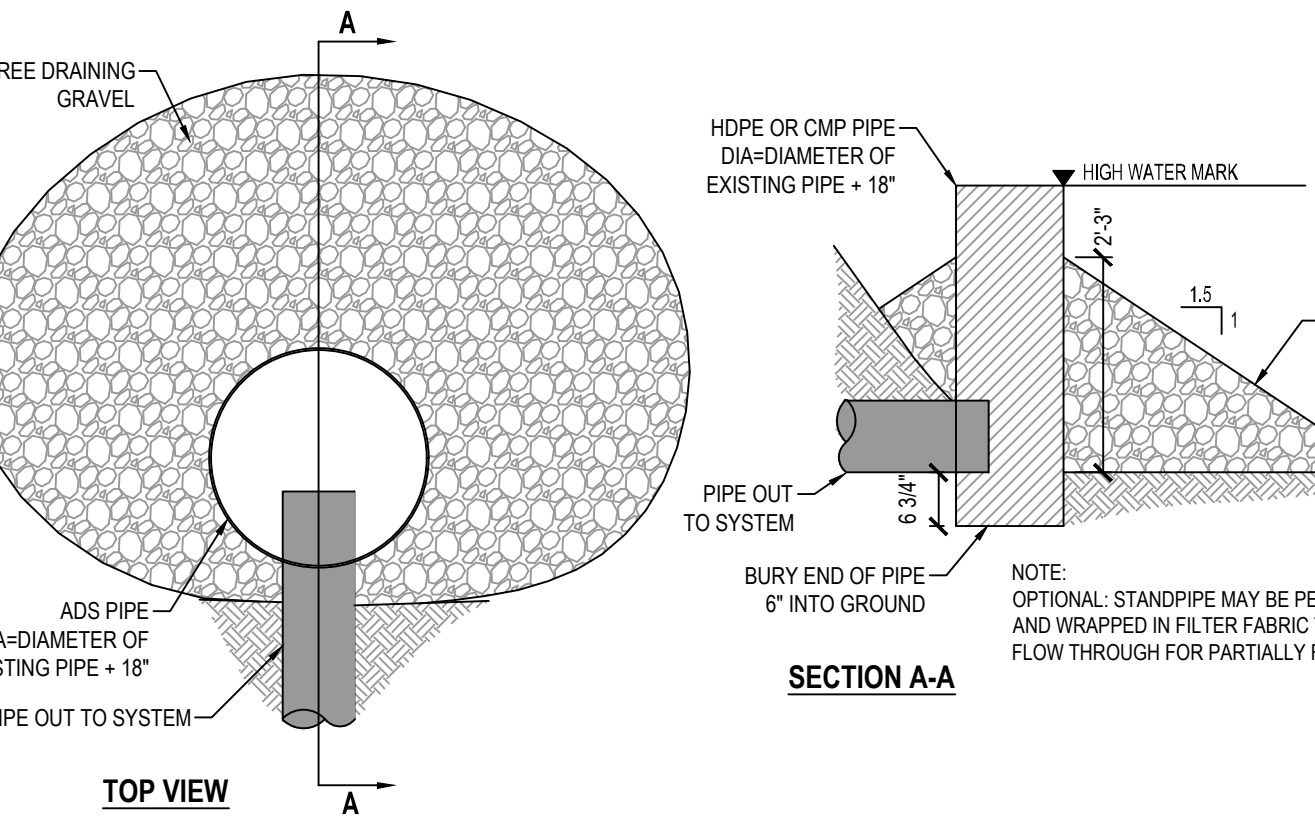
**12 SAG INLET PROTECTION** SCALE: NONE



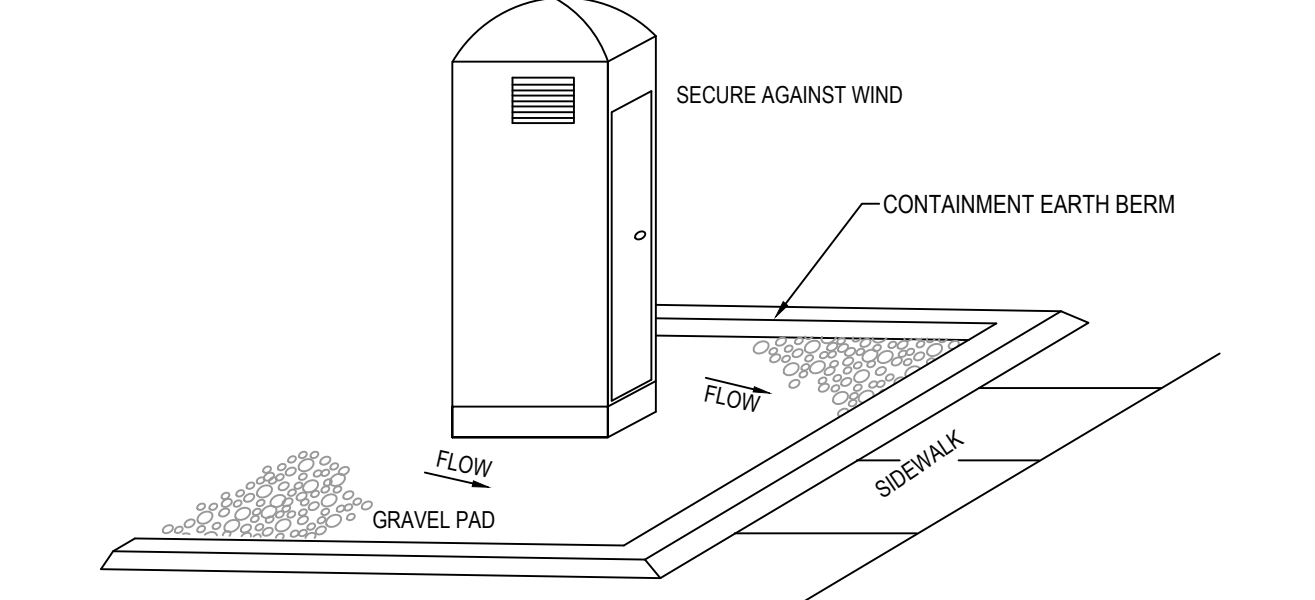
**13 TEMPORARY SILT FENCE** SCALE: NONE



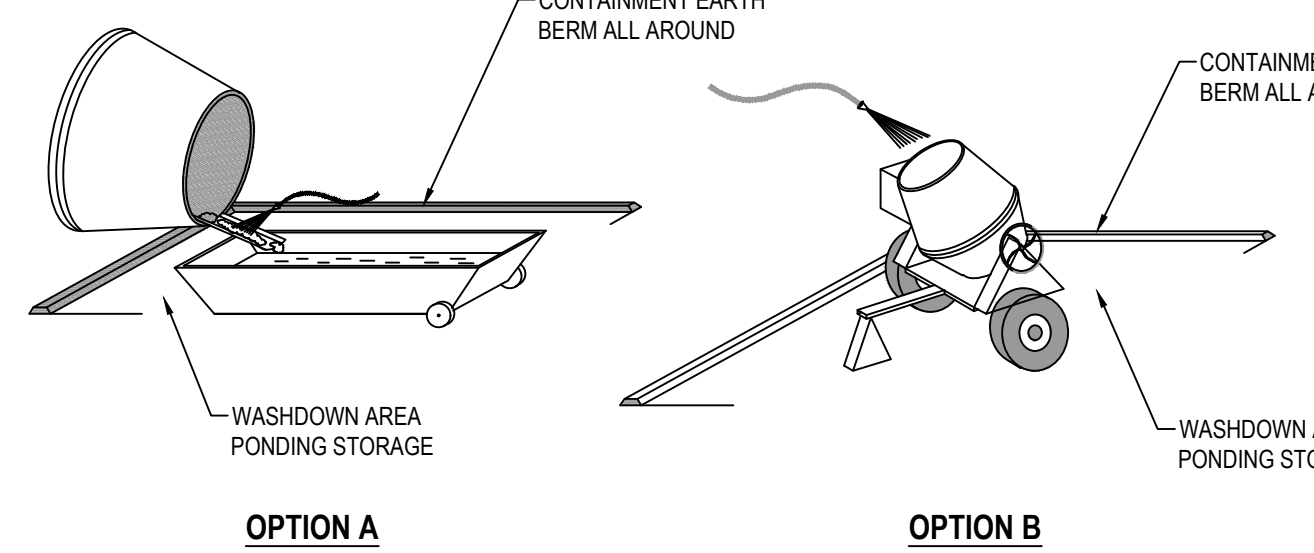
**14 STABILIZED CONSTRUCTION ENTRANCE** SCALE: NONE



**15 TEMPORARY BASIN OUTLET PROTECTION** SCALE: NONE



**16 PORTABLE TOILET** SCALE: NONE



**17 CONCRETE WASTE MANAGEMENT** SCALE: NONE

**APPROVED FOR CONSTRUCTION**  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CITY ENGINEER

NO.	DATE	DESCRIPTION
1	08/14/24	ISSUED FOR PERMIT



Designed By: I. BUCKLEY  
Drawn By: M. ELMER  
Date: 6/14/24  
Checked By: C. PRESTON  
Project No: 22-246

Drawing Title  
**DETAILS**  
Drawing number  
**C400**

FOR CONSTRUCTION

# CODE ANALYSIS

## APPLICABLE CODES

2021 INTERNATIONAL BUILDING CODE (IBC)  
 2021 INTERNATIONAL PLUMBING CODE  
 2021 INTERNATIONAL MECHANICAL CODE  
 2021 INTERNATIONAL ENERGY CONSERVATION CODE

2021 INTERNATIONAL FIRE CODE  
 2020 NATIONAL ELECTRICAL CODE (NEC)  
 AMERICANS WITH DISABILITIES ACT  
 ICC A117.1 - 2017

OCCUPANCIES AND TYPE OF CONSTRUCTION (IBC CHAPTERS 3 & 6)  
 MAIN OCCUPANCY U

CONSTRUCTION TYPE V-B

OCCUPANT LOAD  
 PAVILION BUILDING ACCESSORY STORAGE/MECH: 824.18 SQ. FT. / 300 GROSS + 2.75 (3)  
 ASSEMBLY: 1663.95 SQ. FT. / 15 NET + 110.93 (11)

TOTAL: 114

## AREA CALCULATIONS AREA MODIFICATIONS BY OCCUPANCY

NO INCREASE REQUIRED AS SIZE OF BUILDING WITHIN ALLOWABLE BUILDING AREA FOR OCCUPANCY AND A BUILDING OF ONE STORY ABOVE GRADE PLANE WITHOUT AN AUTOMATIC FIRE SPINKLER SYSTEM.

HEIGHT OF BUILDING (TABLES 504.3 AND 504.4; SECTION 504)

TOTAL ALLOWABLE HEIGHT ACTUAL HEIGHT

HEIGHT IN STORIES  
 PAVILION BLDG. 1 STORY 1 STORY  
 RESTROOM / MECH. 1 STORY 1 STORY

HEIGHT IN FEET  
 PAVILION BLDG. 40'-0" 19'-0"

NOTE: THE BUILDING WILL NOT BE FIRE SPRINKLED PER SECTION 903.3.1.1 (NFP-13).

## FIRE-RESISTANCE OF EXTERIOR WALLS AND OPENINGS FIRE RESISTANCE RATING FOR EXTERIOR WALLS

EXTERIOR BEARING WALL (TABLE 601)  
 NORTH, EAST, SOUTH & WEST EXTERIOR WALLS NOT REQUIRED

EXTERIOR NON-BEARING WALL (TABLES 601 AND 602) NOT REQUIRED

NOTE: FIRE SEPARATION DISTANCE IS GREATER THAN 10 FEET ON ALL SIDES

## PROTECTION OF EXTERIOR WALL OPENINGS

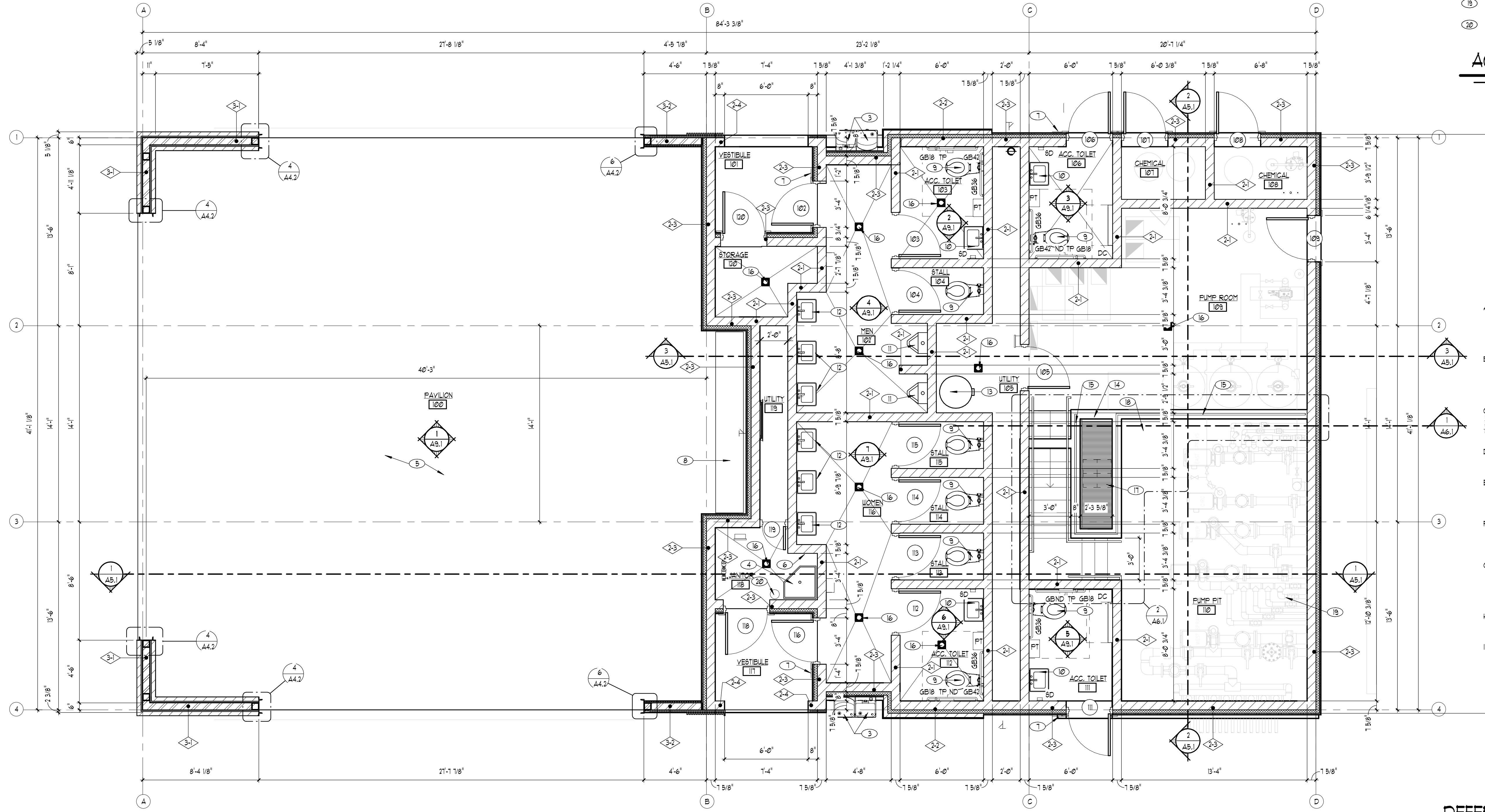
NO PROTECTION IS REQUIRED OF EXTERIOR WALL OPENINGS AS ALL FIRE SEPARATION DISTANCES ARE GREATER THAN 20 FEET AS SHOWN ON IBC TABLE 705.8.

## OCCUPANCY SEPARATIONS (TABLE 508.4)

NONE REQUIRED

## FIRE RATED CONSTRUCTION (IBC TABLE 601)

BUILDING ELEMENT	RATING	CODE REFERENCE
HORIZONTAL SEPARATION (R OCCUPANCY ONLY)	NON-RATED	SECTION 420.3
OCCUPANCY SEPARATION (FIRE PARTITIONS)	NOT REQUIRED	SECTION 509
MECHANICAL ROOM SEPARATION	NOT REQUIRED	TABLE 509
PRIMARY STRUCTURAL FRAME PROTECTION	NON-RATED	TABLE 601
BEARING WALLS - EXTERIOR	NON-RATED	TABLE 601
BEARING WALLS - INTERIOR	NON-RATED	TABLE 601
FLOOR CONSTRUCTION	NON-RATED	TABLE 601
ROOF CONSTRUCTION	NON-RATED	TABLE 602
NON-BEARING WALLS - EXTERIOR	NON-RATED	TABLE 602
NON-BEARING WALLS - INTERIOR	NON-RATED	TABLE 602
PROTECTION OF EXTERIOR OPENINGS	NOT REQUIRED	SECTION / TABLE 705.8
FIRE WALLS	NOT REQUIRED	TABLE 706.4
FIRE BARRIERS	NOT REQUIRED	SECTION 707
FIRE PARTITIONS	NOT REQUIRED	SECTION 708
HORIZONTAL ASSEMBLIES	NON-RATED	SECTION 712
VERTICAL OPENINGS (FIRE BARRIER)	NOT REQUIRED	SECTION 712
SHAFT ENCLOSURES (FIRE BARRIER)	NOT REQUIRED	SECTION 713
AUTOMATIC SPRINKLER SYSTEM	NO	SECTION 903
FIRE RATED CORRIDORS (FIRE PARTITIONS)	NOT REQUIRED	TABLE 903.1
INTERIOR EXIT STAIRWAYS (FIRE BARRIER)	NOT REQUIRED	SECTION 1023



**1 FLOOR PLAN**  
 1/4" = 1'-0"

## SHEET NOTES:

- ◇ TYPICAL REFERENCE FOR CONSTRUCTION TYPE - SEE SHEET A3.1
  - TYPICAL REFERENCE FOR DOOR TYPE - SEE SHEET A3.2
  - TYPICAL REFERENCE FOR WINDOW TYPE - SEE SHEET N/A
- 3 DRINKING FOUNTAIN - SEE PLUMBING DWGS.
  - 4 MOP SINK - SEE PLUMBING DWGS.
  - 5 CONCRETE SLAB OVER GRAVEL BASE - SEE CIVIL & LANDSCAPE DWGS.
  - 6 MOP / BROOM HOLDER
  - 7 ROOM IDENTIFICATION SIGN - SEE DETAIL 4/13
  - 8 4" THICK CAST-IN-PLACE CONCRETE COUNTERTOP W/ BRACKETS @ 32" O.C. MAXIMUM. SEE DETAIL 1/A3.2.
  - 9 WATER CLOSET - SEE PLUMBING DRAWINGS
  - 10 WALL HUNG LAVATORY - SEE PLUMBING DRAWINGS
  - 11 WALL HUNG URINAL - SEE PLUMBING DRAWINGS
  - 12 SINK - SEE PLUMBING DRAWINGS
  - 13 WATER HEATER - SEE PLUMBING DRAWINGS
  - 14 CAST-IN-PLACE CONCRETE WALL - TOP OF WALL AT 6" ABOVE FINISH FLOOR
  - 15 GALVANIZED STEEL, 4" HIGH GUARD RAIL
  - 16 FLOOR DRAIN - SEE PLUMBING DRAWINGS
  - 17 FIBERGLASS PIT COVER OVER 48" DEEP BACKFLOW PIT
  - 18 36"X36" PRECAST CONCRETE BUMP PIT WITH FIBERGLASS GRATE - SEE PLUMBING DRAWINGS FOR BUMP PUMP, SLOPE FLOOR OF BUMP PIT TO SLOPE TO BUMP.
  - 19 SPLASH PAD MECHANICAL EQUIPMENT SEE SPLASH PAD MECHANICAL DRAWINGS
  - 20 WALL HUNG FIRE EXTINGUISHER

## ACCESSORY ABBREVIATIONS

GB18	18" VERTICAL GRAB BAR (CFCI)
GB36	36" GRAB BAR (CFCI)
GB42	42" GRAB BAR (CFCI)
TP	TOILET PAPER DISPENSER (CFCI)
ND	SANITARY NAPKIN DISPOSAL (CFCI)
SD	SOAP DISPENSER (CFCI)
PT	PAPER TOWEL DISPENSER (CFCI)
HD	HAND DRYER (CFCI)
AG5	ADULT CHANGING STATION (CFCI)
DC5	DIAPER CHANGING STATION (CFCI)
MIRR	24"X36" MIRROR (CFCI)

DEFINITIONS:  
 CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED  
 OFCI OWNER FURNISHED, OWNER INSTALLED  
 OPOI OWNER FURNISHED, OWNER INSTALLED

## GENERAL NOTES

- A. ALL EXIT ACCESS DOORS AND EXITS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. USE OF MANUAL FLUSH BOLTS, EDGE BOLTS, TOP OR BOTTOM BOLTS, ETC. IS PROHIBITED.
- B. GLAZING IN DOORS OR IN FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE IS WITHIN A 24 INCH ARC OF THE DOOR AND WHERE THE BOTTOM EXPOSED EDGE IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE MUST BE TEMPERED.
- C. TANK TYPE WATER CLOSETS SHALL HAVE A MAXIMUM WATER USE OF 1.6 GALLONS PER FLUSH. SHOWERS SHALL HAVE A MAXIMUM FLOW OF 2.5 GALLONS PER MINUTE.
- D. BURNING OF CONSTRUCTION WASTE MATERIALS IS PROHIBITED AT ALL TIMES.
- E. PROVIDE ONE RECESSED 1-A FIRE EXTINGUISHER FOR EVERY 3,000 SQ. FT. OF FLOOR AREA WITH A MAXIMUM TRAVEL DISTANCE OF 75 FEET TO AN EXTINGUISHER.
- F. STORAGE OF EQUIPMENT, SOILS, CONSTRUCTION MATERIALS ON PUBLIC RIGHT-OF-WAY (STREETS/SIDEWALKS) OR EASEMENT IS EXPRESSLY PROHIBITED.
- G. GENERAL CONTRACTOR TO PROCURE ALL REQUIRED PERMITS FROM AUTHORITY HAVING JURISDICTION, INCLUDING BUT NOT LIMITED TO BUILDING, ENGINEERING, RIGHT OF WAY, AND OTHER PERMITS REQUIRED FOR SUB-CONTRACTOR WORK.
- H. GENERAL CONTRACTOR TO PROVIDE REQUIRED FIRE EXTINGUISHERS TO BE PRESENT DURING CONSTRUCTION.
- I. DIMENSIONS ARE SHOWN TO FACE OF STUD, UNLESS NOTED OTHERWISE

## DEFERRED SUBMITTALS

CERTAIN ITEMS REQUIRE APPROVAL OF THE AHJ'S BUILDING DEPARTMENT PRIOR TO FABRICATION DELIVERY, OR INSTALLATION. SUBMITTALS, INCLUDING SHOP DRAWINGS, PRODUCT INFORMATION, PRODUCT CERTIFICATES, PRODUCT TEST REPORTS, ETC. SHALL BE SUBMITTED TO THE ARCHITECT. AFTER REVIEW BY THE ARCHITECT AND/OR ARCHITECTURAL CONSULTANTS, THE ARCHITECT WILL FORWARD THE SUBMITTALS TO THE BUILDING DEPARTMENT. THE CONTRACTOR SHALL PROVIDE THE SUBMITTALS IN A TIMELY MANNER AND ALLOW SUFFICIENT TIME FOR REVIEW BY THE ARCHITECT AND CITY.

DEFERRED ITEMS: PRE-FABRICATED WOOD TRUSSES



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 EMAIL: SCLARK@FARMINGTON.UTAH.GOV

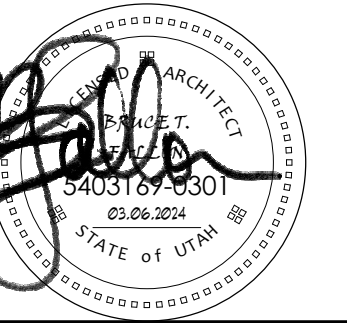


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 FARMINGTON, UTAH

## REVISIONS

NO.	DATE	DESCRIPTION
1	03.06.2024	ISSUE FOR PERMIT



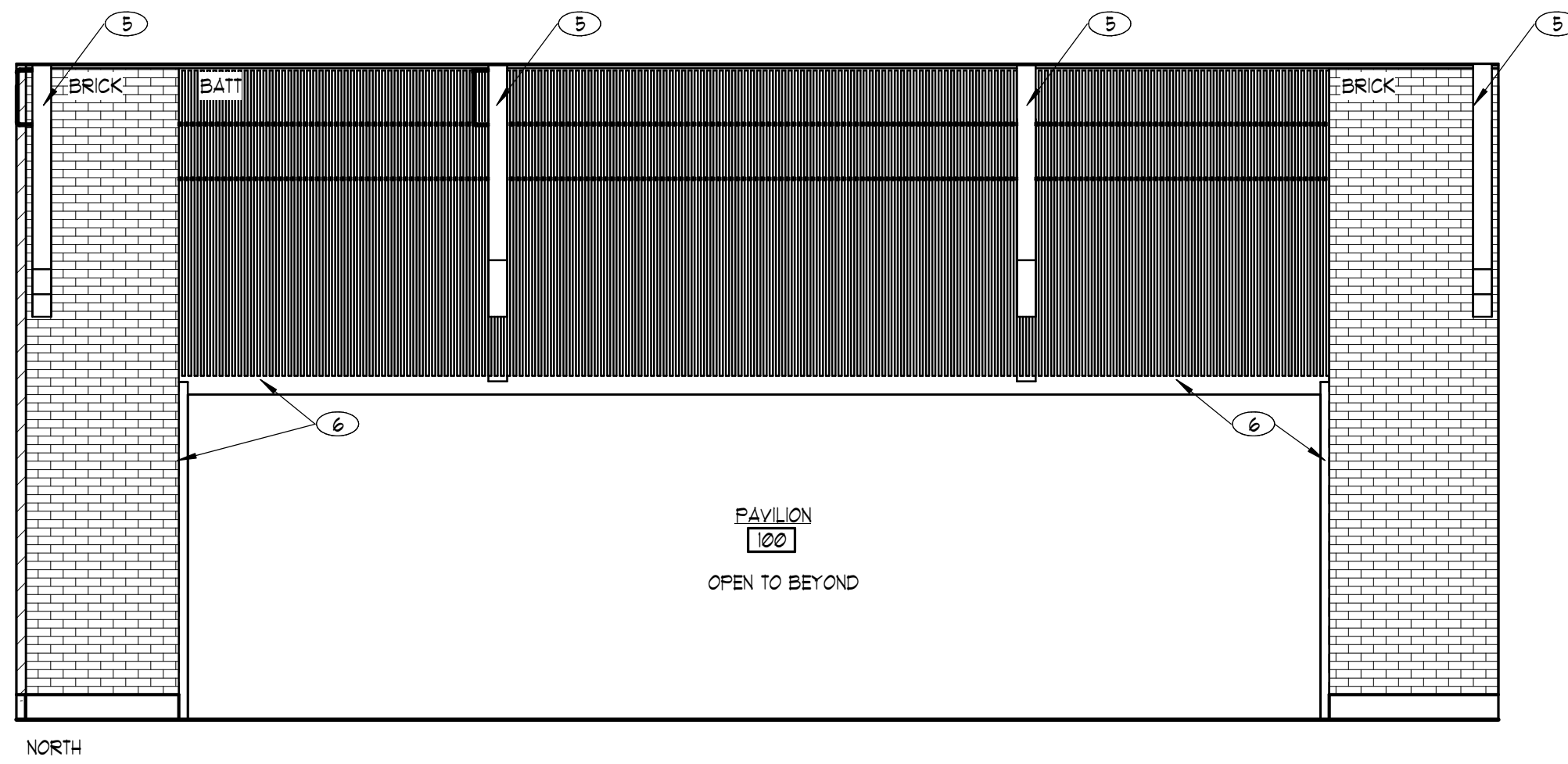
Stamp  
 Designed By: BTF  
 Drawn By: RS  
 Date: 03.06.2024  
 Checked By: BTF  
 Project No: 22-246  
 Drawing Title

## FLOOR PLAN

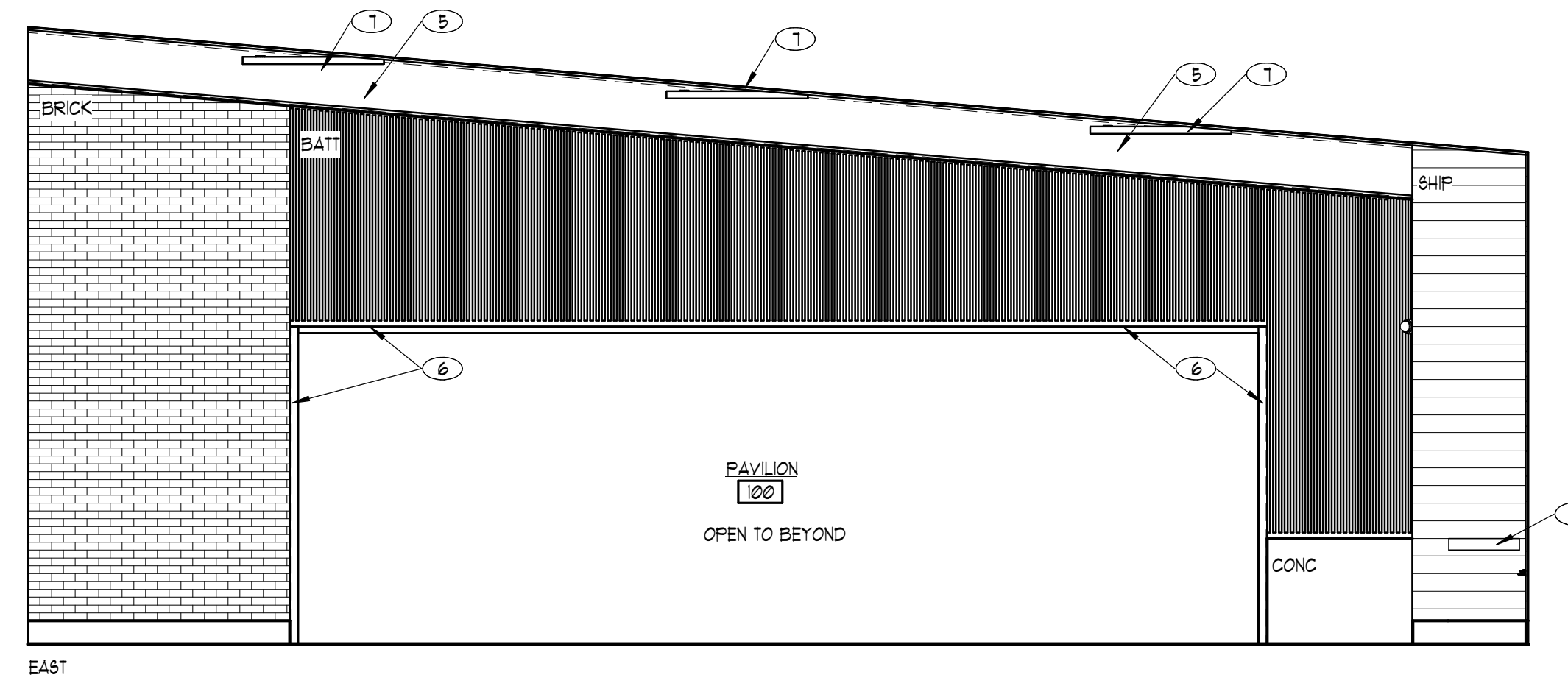
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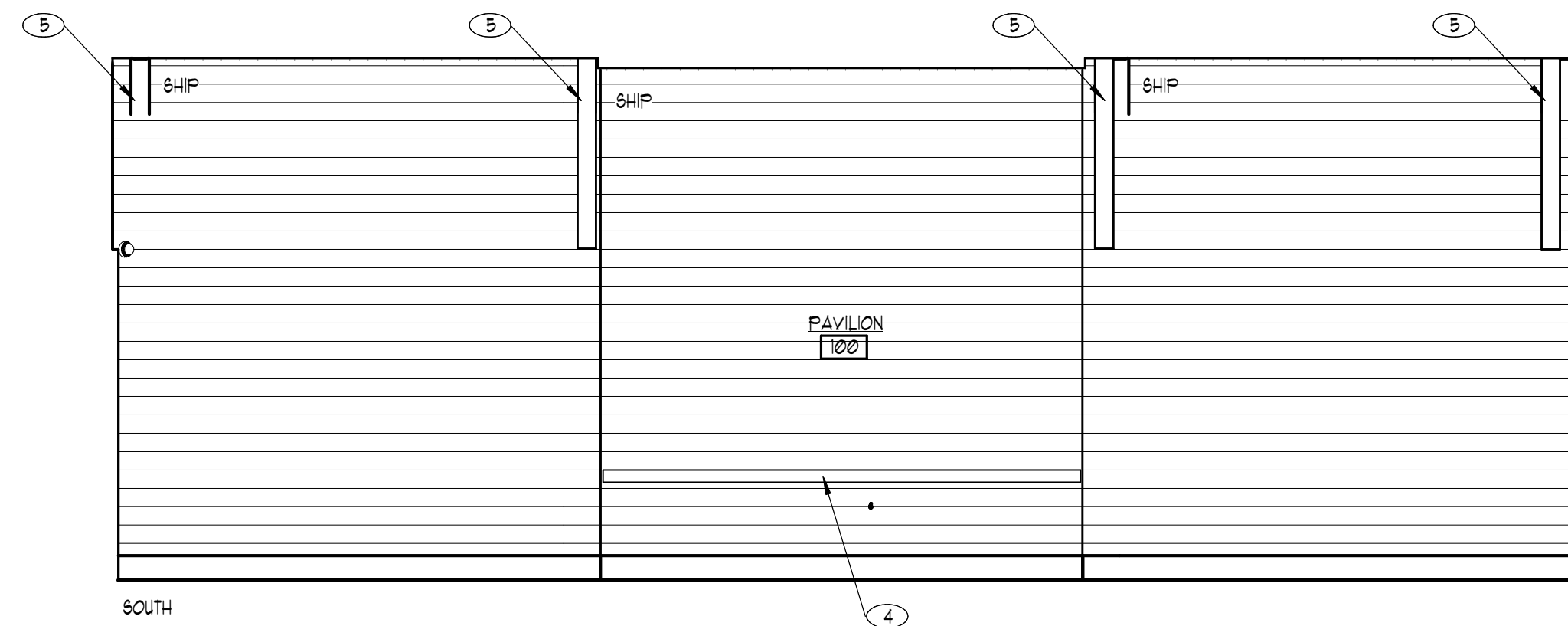
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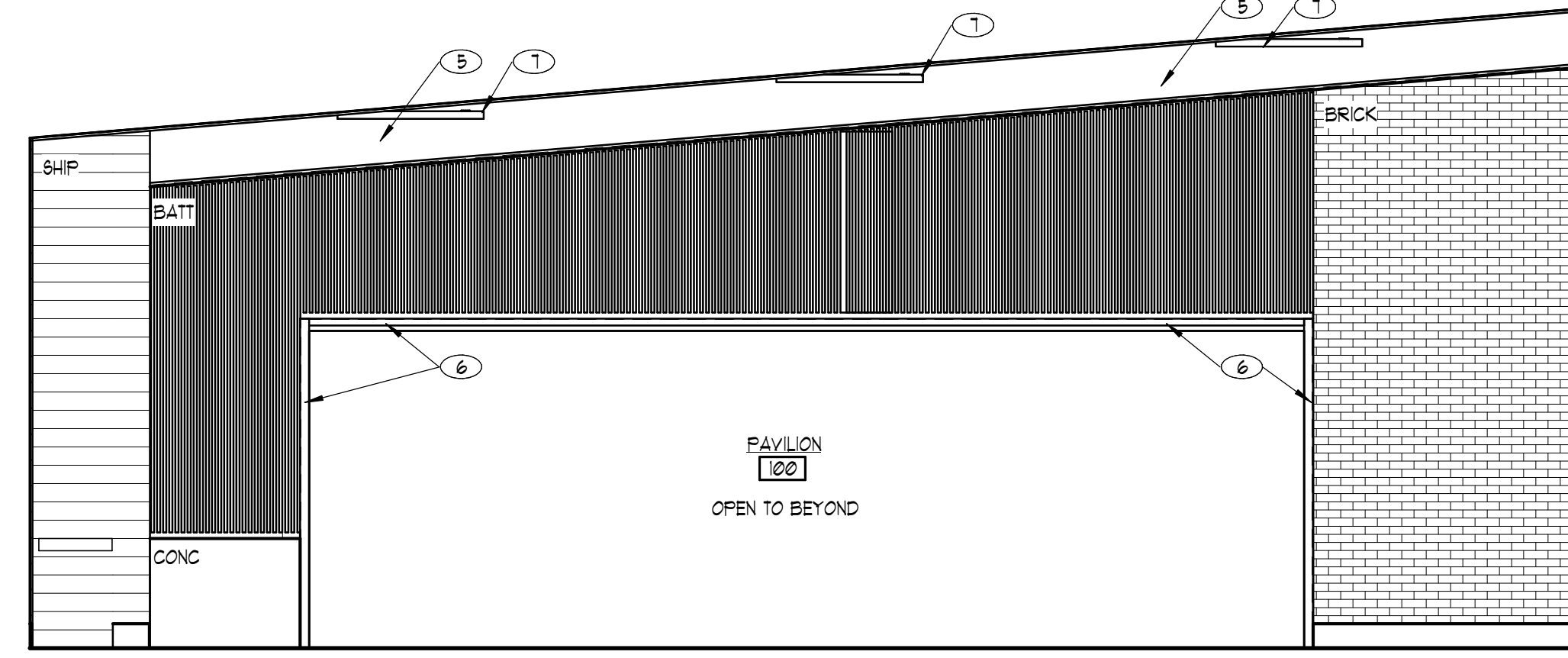
NORTH



EAST



SOUTH



WEST

ACCESSORY ABBREVIATIONS

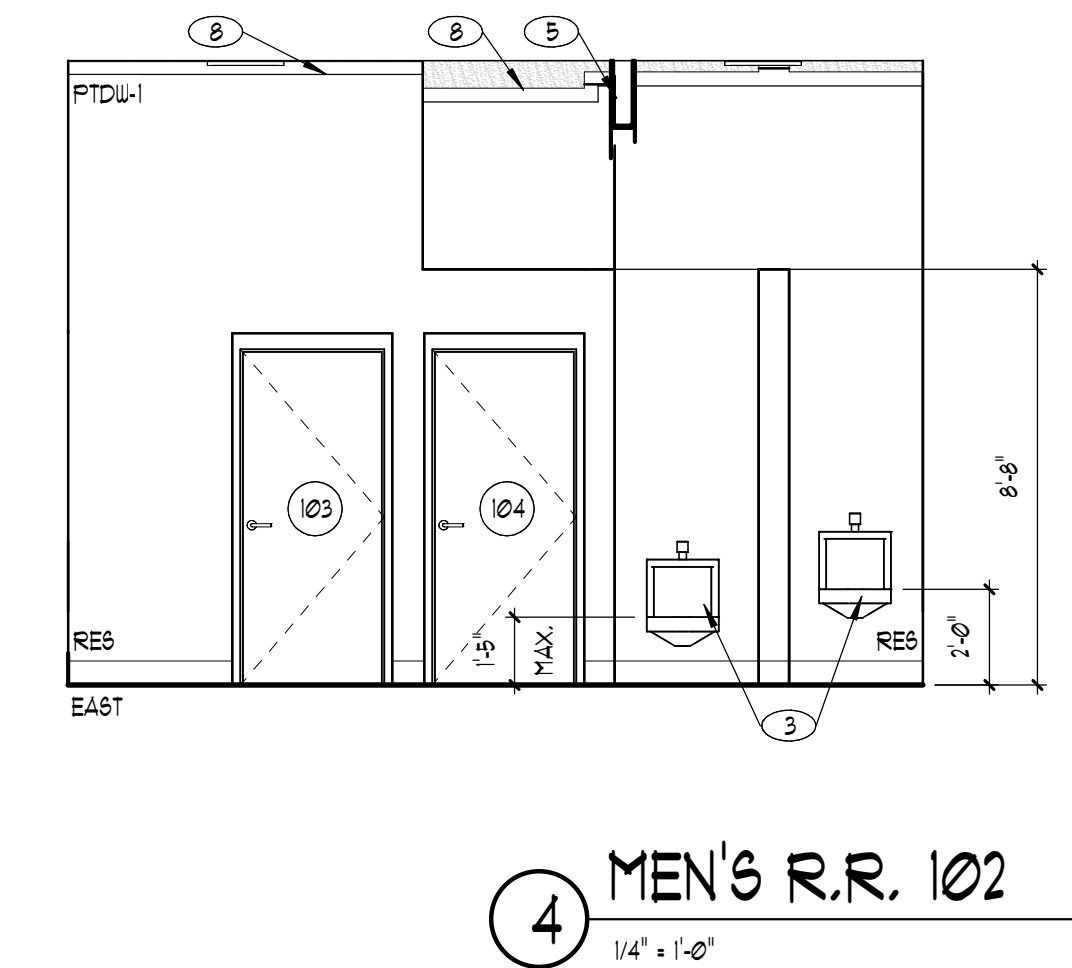
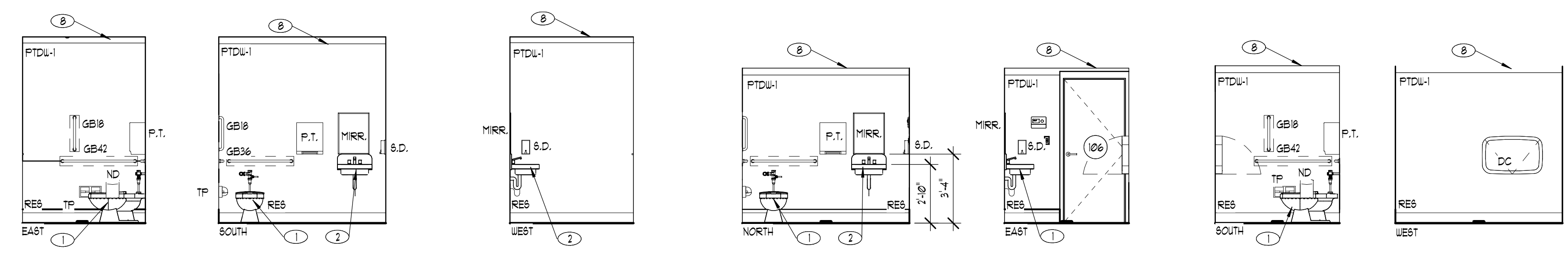
- GB18 18" VERTICAL GRAB BAR (CFCI)
- GB36 36" GRAB BAR (CFCI)
- GB42 42" GRAB BAR (CFCI)
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- ND SANITARY NAPKIN DISPOSAL (CFCI)
- SD SOAP DISPENSER (CFCI) 2
- PT PAPER TOWEL DISPENSER (CFCI)
- HD HAND DRYER (CFCI)
- ACS ADULT CHANGING STATION (CFCI)
- DCS DIAPER CHANGING STATION (CFCI)
- MIRR 24"x36" MIRROR (CFCI)

DEFINITIONS:  
 CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED  
 OFCI OWNER FURNISHED, OWNER INSTALLED

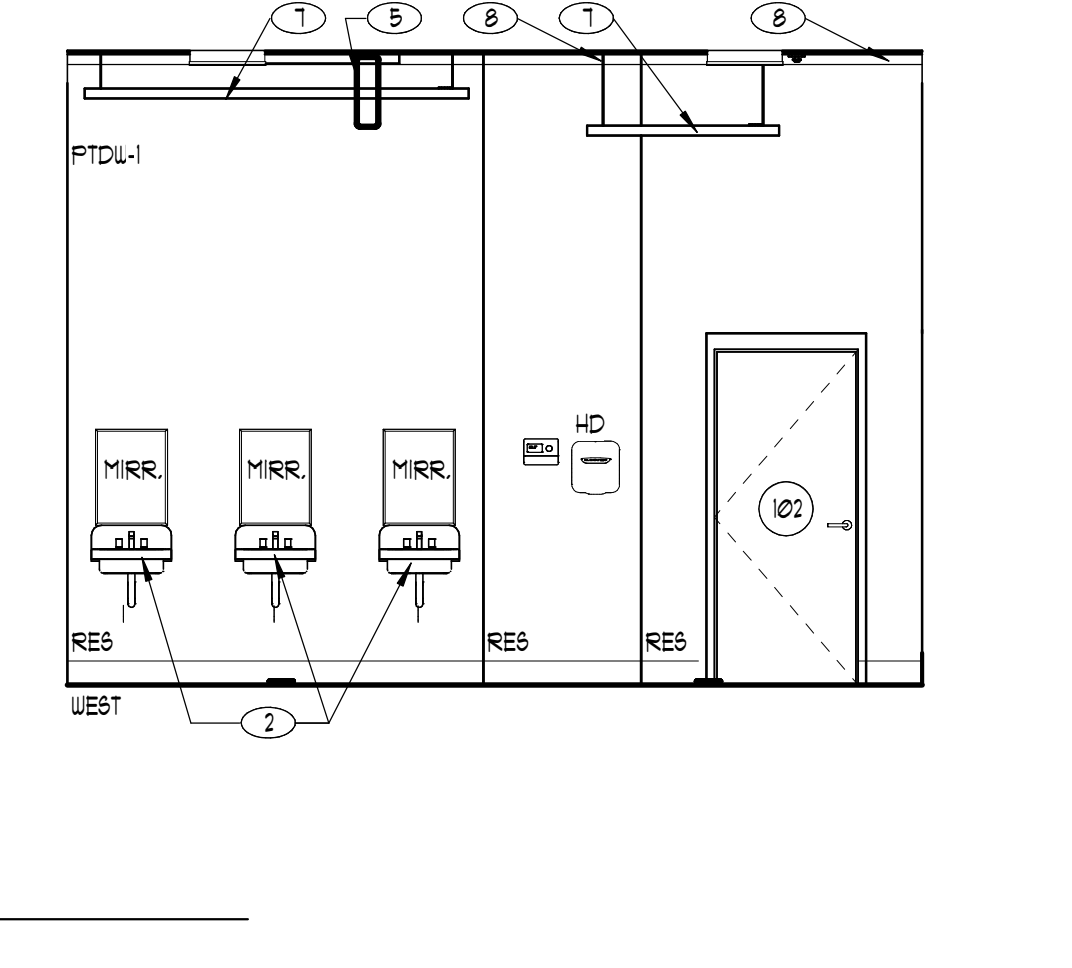
SHEET NOTES:

- ◇ TYPICAL REFERENCE FOR CONSTRUCTION TYPE - SEE SHEET A3.1
- TYPICAL REFERENCE FOR DOOR TYPE - SEE SHEET A3.2
- TYPICAL REFERENCE FOR WINDOW TYPE - SEE SHEET N/A
- ① WATER CLOSET - SEE PLUMBING DRAWINGS
- ② WALL HUNG LAVATORY - SEE PLUMBING DRAWINGS
- ③ WALL-HUNG URINAL - SEE PLUMBING DRAWINGS
- ④ 4" THICK CAST-IN-PLACE CONCRETE COUNTERTOP W/ BRACKETS @ 32" O.C. MAXIMUM. SEE DETAIL 1/A3.2.
- ⑤ STRUCTURAL HSS BEAM - PAINT. SEE STRUCTURAL DRAWINGS.
- ⑥ STEEL CHANNEL TRIM - PAINT. SEE DETAIL 6/A3.2.
- ⑦ LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
- ⑧ 1 x 4 WOOD TRIM - PAINT

① PAVILION (100)  
 1/4" = 1'-0"

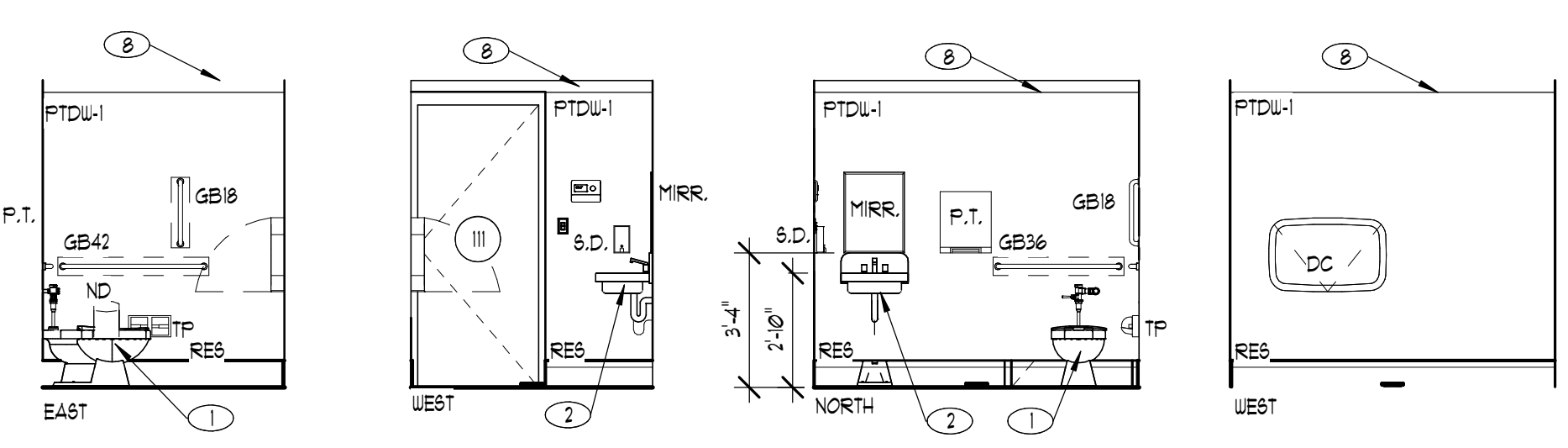


④ MEN'S R.R. 102  
 1/4" = 1'-0"

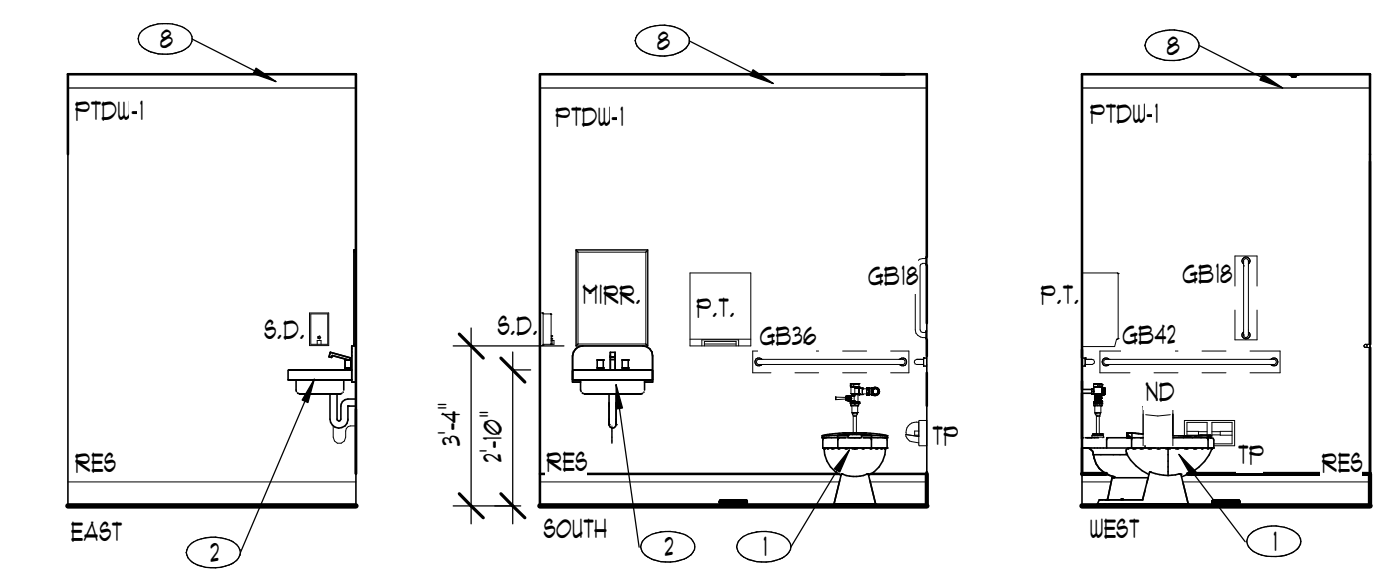


⑦ WOMEN'S R.R. 116  
 1/4" = 1'-0"

② ACC. TOILET 103  
 1/4" = 1'-0"



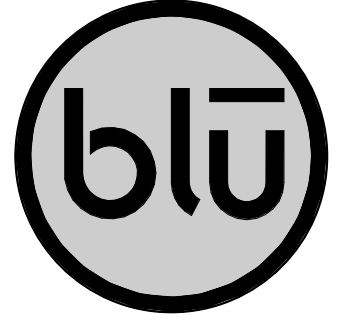
③ ACC. TOILET 106  
 1/4" = 1'-0"



⑤ ACC. TOILET 111  
 1/4" = 1'-0"



⑥ ACC. TOILET 112  
 1/4" = 1'-0"



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REVISIONS

NO.	DESCRIPTION

Stamp

Designed By: BTJ  
 Drawn By: EB  
 Date: 03.06.2024  
 Checked By: BTJ  
 Project No: 22-246

100 PERCENT SET

LARGE SCALE FLOOR PLAN & INT. ELEVATIONS

A9.1

GENERAL STRUCTURAL NOTES

- 1. IN ALL CASES, "CONTRACTOR" SHALL REFER TO THE CONTRACTOR OR SUB-CONTRACTOR RESPONSIBLE FOR THE TRADE SPECIFICALLY REFERRED TO IN THE NOTES (I.E. STEEL, CONCRETE, MASONRY)...

GENERAL CONCRETE NOTES

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS. 2. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE 2021 IBC, ACI 318, AND LOCAL ORDINANCES...

SLABS

- 22. REINFORCE ALL SLABS ON GRADE w/ #4 BARS AT 18" O.C. EACH WAY. 23. RECESS FOUNDATION AND POUR SLABS THROUGH, TYPICAL AT ALL EXTERIOR DOORS AND STORE FRONT TYPE WINDOWS...

STRUCTURAL FILL

- 32. STRUCTURAL FILL SHALL BE SPECIFIED AND APPROVED BY THE SOILS ENGINEER OF RECORD, BY WAY OF A GEOTECHNICAL REPORT, AS BEING APPROPRIATE FOR THE APPLICATION. STRUCTURAL FILL SHALL BE PROVIDED IN THE BUILDING PAD AND PAVEMENT AREAS AS NECESSARY...

Table with 4 columns: ELEMENT, EXP. CLASS, % AIR, MIN. W/C. Rows include FOOTINGS, WALLS, SLAB ON GRADE.

GENERAL STEEL NOTES

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS. 2. ALL WORK TO BE IN STRICT ACCORDANCE WITH THE 2021 IBC, AISC, AND LOCAL ORDINANCES...

LIGHT GAUGE METAL FRAMING NOTES:

- 1. ALL PRODUCTS, DETAILING, FABRICATION AND INSTALLATION SHALL MEET THE REQUIREMENTS OF AISI "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" AND THE 2021 INTERNATIONAL BUILDING CODE...

NOTE: GRADE 50 STEEL TO CONFORM TO ASTM A570 REQUIREMENTS. GRADE 33 STEEL TO CONFORM TO ASTM 611 GRADE C REQUIREMENTS.

- 4. ALL STUDS, TRACK and ACCESSORIES SHALL BE GALVANIZED or PRIMED w/ RUST-INHIBITIVE PAINT, MEETING THE PERFORMANCE REQUIREMENTS OF TT-P-636C. 5. THE PHYSICAL AND STRUCTURAL PROPERTIES LISTED BY AISI SHALL BE CONSIDERED THE MINIMUM FOR ALL FRAMING MEMBERS...

GENERAL MASONRY NOTES

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS. 2. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE 2021 INTERNATIONAL BUILDING CODE, CURRENT ACI 530, AND LOCAL ORDINANCES...

DESIGN CRITERIA

- 1. GOVERNING BUILDING CODE: 2021 INTERNATIONAL BUILDING CODE (IBC)
3. ROOF LIVE LOADING:
a. ROOF LIVE LOAD: 20 psf
b. ROOF SNOW LOAD: 30 psf

ASPEC APPLIED GEOTECH MAY 6, 2024 1,200 psf

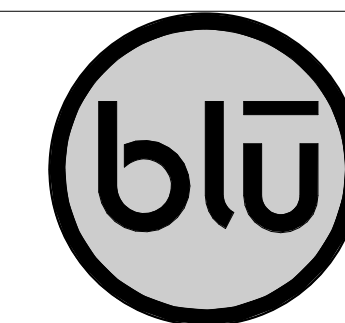
GENERAL WOOD FRAMING NOTES

- 1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS. 2. ALL WORK TO BE IN STRICT ACCORDANCE WITH THE 2021 IBC, AISC, AND LOCAL ORDINANCES...

DEFERRED SUBMITTALS

- 1. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING DOCUMENTS TO THE ARCHITECT AND ENGINEER OF RECORD FOR REVIEW AND APPROVAL. THE DOCUMENTS MUST BE PREPARED AND STAMPED BY AN ENGINEER LICENSED IN THE STATE OF UTAH...

blu line designs logo, FARMINGTON logo, WPA Architecture logo, IIVY ACRES PARK, 1397 WEST COOK LANE FARMINGTON, UTAH, REVISIONS table, PROFESSIONAL ENGINEER stamp, Design/Drawn/Date/Checked/Project No./Drawing Title information, General Structural Notes, Drawing number S0.1, 100 PERCENT SET



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IVY ACRES PARK

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REVISIONS

NO.	DATE	DESCRIPTION
1	03/06/2024	Revised 01

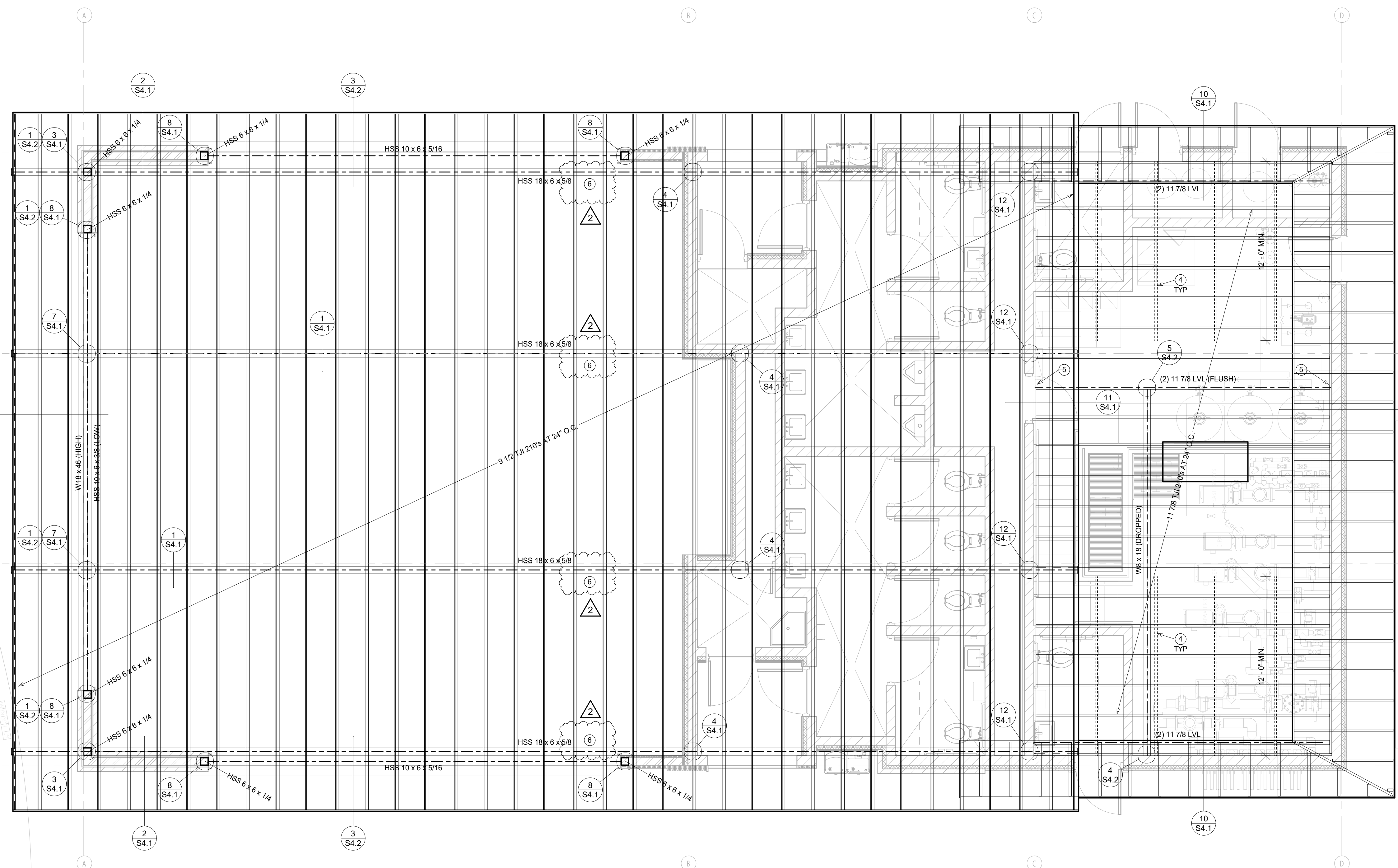


Designed By: BRE  
Drawn By: MN  
Date: 03.06.2024  
Checked By: BRE  
Project No: 181023  
Drawing Title

Roof Framing Plan

SCALE: 1/4" = 1'-0"  
Drawing number

S2.1



ROOF FRAMING NOTES

- 1 FRAME ROOF w/ TJI JOISTS AS CALLED OUT ON LAYOUT
- 2 SEE FRAMING NOTES ON S0.1 FOR ROOF SHEATHING REQUIREMENTS
- 3 SEE S3.1 FOR MASONRY HEADER and WALL CALLOUTS
- 4 SIMPSON CS16 STRAP and BLOCKING AS SHOWN IN DETAIL 10/ S4.1
- 5 SIMPSON HU410. INSTALL WITH 1/4" x 2 3/4" TITEN TURBO SCREWS. FILL ALL SCREW HOLES
- 6 IF SPLICE IS REQUIRED FRO BEAM, PROVIDE FULL PENETRATION GROOVE WELD ON ALL SIDES

100 PERCENT SET

## RELAY PANEL SCHEDULE 'RP1'

CABINET SIZE (# OF RELAYS):			SPARE RELAYS:				
MOUNTING:	VOLTAGE:	CONTROL CIRCUIT:	AIC RATING:				
RELAY	POWER	EMERGENCY	SPACE	CONTROL	DIMMING	PROGRAMMING	
RP1-1	L1-9	No	PAVILION EXT.	TOD	0-10V	D	
RP1-2	L1-9	No	PAVILION VEST.	TOD	0-10V	D	
RP1-3	HL1-15	No	SITE	TODLWS	0-10V	B	
RP1-4	L1-11	No	SITE	TODLWS	0-10V	B	
RP1-5	L1-13	No	SITE	TOD	0-10V	D	
RP1-6	L1-25	No	PAVILION EXT.	TOD	0-10V	B	

### CONTROL LEGEND

PC	OC	DS	MS	TC	TOD	LWS
EXTERIOR PHOTOCCELL	OCCUPANCY/VACANCY SENSOR	INTERIOR DAYLIGHT SENSOR	EXTERIOR MOTION SENSOR	ANALOG ASTRONOMICAL TIMECLOCK	TIME OF DAY - SOFTWARE BASED	LOCAL WALLSTATION
N	0-10	DMX	3WD	ELV	MLV	DA
NONE	0-10 VOLT DIMMING	DIGITAL MULTIPLEX (DMX) DIMMING	3-WIRE DIMMING	ELECTRONIC LOW VOLTAGE	MAGNETIC LOW VOLTAGE	DALI DIMMING

### DIMMING LEGEND

PROGRAMMING	
A	NIGHT LIGHT; ALWAYS ON.
B	MASTER CLOCK SCHEDULE (PROVIDED BY OWNER); PROVIDE 0-10V DIMMING.
C	EGRESS LIGHTING; MASTER CLOCK SCHEDULE (PROVIDED BY OWNER); 0-10V DIMMING.
D	MASTER CLOCK SCHEDULE (PROVIDED BY OWNER).
E	LOCAL WALLSTATION TO ACT AS OVERRIDE FOR AFTER HOURS CONTROL.

### GENERAL NOTES

- PROGRAM SYSTEM TO MEET THE REQUIREMENTS OF IECC 2015 OR CURRENT ENERGY CODE.
- CONFIRM SWITCHING AND PROGRAMMING SCHEME WITH OWNER PRIOR TO PROGRAMMING.
- PROGRAM SYSTEM TO INCORPORATE AUTO DAYLIGHT SAVINGS ADJUSTMENTS, ASTRONOMICAL CLOCK WITH OFFSETS, HOLIDAY DATES, AND NETWORK OVERRIDE.
- REFER TO WALLSTATION DIAGRAMS FOR FACTORY ENGRAVED LABELING FOR ALL INDIVIDUAL PUSH-BUTTONS. DEVICE AND COVERPLATE COLORS SELECTED BY ARCHITECT.
- SUBMIT ALL WALLSTATION LAYOUTS, ENGRAVING AND CONTROL SEQUENCES DURING THE SHOP DRAWINGS REVIEW PROCESS.
- PROVIDE RELAY BARRIER FOR VOLTAGE AND POWER SOURCE SEPARATION (EMERGENCY AND NORMAL CIRCUITS, VOLTAGE DIFFERENCES).
- PROGRAM NORMAL AND EMERGENCY RELAYS IN RELATED CORRIDORS TO OPERATE TOGETHER.
- ALL RELAYS REQUIRING DIMMING AND/OR DAYLIGHT HARVESTING SHALL UTILIZE 0-10V DIMMING. PROVIDE 0-10V DIMMING WIRING AND CONTROLS AS REQUIRED.
- PROVIDE A MINIMUM OF (5) SPARE RELAYS.

### GROUND BOX SCHEDULE

TYPE	DESCRIPTION	MFR.	CATALOG NUMBER
GB01	RECESSED IN-GRADE BOX, MULTI SERVICE IN-GRADE BOX, 2 NEMA 5-15R DUPLEX RECEPTACLES	WIREMOLD	X8814C545BK

## LIGHT FIXTURE SCHEDULE

LIGHT FIXTURE ABBREVIATION SCHEDULE				PROJECT MANAGER: XX	
A.F.F. WALL@CLG	ABOVE FINISH FLOOR WALL MOUNT AT CORNER OF WALL AND CEILING	SCBA	STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT		
OCBA	CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT	CFBA	CUSTOM FINISH AS SELECTED BY THE ARCHITECT		
SFBA	STANDARD FINISH AS SELECTED BY THE ARCHITECT				
LIGHT FIXTURE GENERAL NOTES					
1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES AND, CONFIRM CEILING TYPES WITH LIGHT FIXTURE TRIMS. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING.					
2. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.					
3. REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, FUSING, LED DRIVERS, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS.					
4. CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWINGS. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE.					
5. REFER TO LIGHTING PLANS FOR ALL LINEAR FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF LINEAR FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH.					
6. REFER TO LIGHTING PLANS FOR ALL UNDERCABINET FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF THE UNDERCABINET FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH OR TO FIT WITHIN THE MILLWORK. COORDINATE FIXTURE LAYOUT WITH MILLWORK SHOP DRAWINGS PRIOR TO LIGHTING SUBMITTALS.					
7. WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, NOTIFY THE ELECTRICAL ENGINEER AND/OR LIGHTING DESIGNER.					
8. PRIOR APPROVALS ARE REQUIRED BEFORE BIDDING AND SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER'S OFFICE AT LEAST (8) EIGHT WORKING DAYS BEFORE THE BID. PRIOR APPROVALS RECEIVED AFTER THIS TIME PERIOD SHALL BE...					
9. REFER TO SPECIFICATIONS 20 0500, 26 5100 & 26 5600 (16001, 16510 & 16551).					
10. VALUE ENGINEERING CONDUCTED WITHOUT THE DESIGN TEAM I.E. ARCHITECT, ENGINEER & LIGHTING CONSULTANT/DESIGNER WILL NOT BE ALLOWED, REVIEWED OR APPROVED.					

TYPE	DESCRIPTION	MFR.	CATALOG #	VOLTS	TOTAL WATTS	LAMP TYPE	DELIVERED LUMENS	COLOR TEMP	CRI
BA1	BASKETBALL COURT LIGHTING; 50FT POLE; (3) LED HEADS EACH WWISOR; OF BY OWNER; INCLUDE PUSH-BUTTON AND STROBE. TLC-LED-550 (540W/67,000 LMS EA) ELECTRICAL CONTRACTOR TO PROVIDE ALL INSTALLATION, WIRING, TRENCHING, ETC. FOR A COMPLETE SYSTEM MUSCO LIGHTING TO PROVIDE ALL FIXTURES, POLES, PRE-CAST CONCRETE BASES, CONTROL CABINET, STROBES, SWITCH, POLE FOR STROBE, ETC. CONTACT AARON KING/MUSCO LIGHTING, #435-659-9530 FOR FURTHER INFORMATION AND COORDINATION.	MUSCO	TLC-LED-550(540W/67,000 LMS EA) 50' TALL GALVANIZED STEEL POLES	277 V	1620 VA	LED	210,000	5700 K	+75
C4	5"X4" SURFACE MTD VANDAL PROOF; ROUNDED PEARL POLY LENS; 0-10V DIM, ROUNDED ENDCAPS; MATT WHITE	KENALL	MLH45-48-R-MW-PP-1-45L40K-DCC-1-DV	120 V	45 VA	LED	5,062	4000 K	80
CAE	5"X4" SURFACE MTD VANDAL PROOF; ROUNDED PEARL POLY LENS; 0-10V DIM; CITY STREET LIGHTING; 14 FOOT TALL SINGLE POST; TOP IP66 RATED HOUSING; 0-10V DIMMING DRIVERS; 5 YEAR WARRANTY; 2.5 IN DIAMETER POLE MOUNT; PHOTOCONTROL RECEPTACLE; COMPATIBLE WITH NEMA 7-PIN STANDARDS; CONTRACTOR ALLOWANCE (\$4,321)	KENALL	MLH45-48-R-MW-PP-1-45L40K-DCC-1-DV-PEL	120 V	45 VA	LED	5,062	4000 K	80
CS1	4" DOWN LIGHT, STANDARD 0-10V DRIVER DIMS TO THE CONICAL REFLECTOR	COOPER	(FIXTURE) ARB-B3-LED-D1-T2-SCBA (POLE) RTAP15-S-11-F-2-BC	varies	96 VA	LED	7,362	4000 K	70
D4E	4" DOWN LIGHT, STANDARD 0-10V DRIVER DIMS TO 1% CONICAL REFLECTOR; 14 WATT EMERGENCY BATTERY PACK	COOPER	HC4-07-D010-HM4-0525-840-41-MD-H-WF	120 V	8 VA	LED	1,500	4000 K	80
L1	8' LED LINEAR SURFACE MOUNT LUMINAIRE; EXTRUDED AND DIE-CAST; ANTI BREAKAGE; ROUNDED END CAP; 0-10V DIMMING; 10 YEAR WARRANTY; PEACE	KENALL	MLH43-96-R-MW-FA-800L-3K8K-DIM1-DV-CDF	120 V	48 VA	LED	6,304	3500 K	80
O1	18" SINGLE POST TOP; IP66 RATED HOUSING; STANDARD 0-10V DIMMING; PHOTO CONTROLLED; PROPRIETARY SURGE PROTECTION UP TO 10kV; FINISH TO WITHSTAND EXTENDED OUTDOOR EXPOSURE; 8" POLE MOUNT POST TOP ADAPTER; CONTRACTOR ALLOWANCE (\$4,321)	COOPER	(FIXTURE) ARB-B3-LED-D1-T5-SCBA (POLE) RTAP18-S-7-F-2-BC	277 V	96 VA	LED	8,511	4000 K	70
O2	18" SINGLE POST TOP; IP66 RATED HOUSING; STANDARD 0-10V DIMMING; PHOTO CONTROLLED; PROPRIETARY SURGE PROTECTION UP TO 10kV; FINISH TO WITHSTAND EXTENDED OUTDOOR EXPOSURE; 8" POLE MOUNT POST TOP ADAPTER; CONTRACTOR ALLOWANCE (\$4,321)	COOPER	(FIXTURE) ARB-B3-LED-D1-T4-SCBA (POLE) RTAP18-S-7-F-2-BC	277 V	96 VA	LED	8,740	4000 K	70
O3	10" SINGLE POST TOP; IP66 RATED HOUSING; STANDARD 0-10V DIMMING; PHOTO CONTROLLED; PROPRIETARY SURGE PROTECTION UP TO 10kV; FINISH TO WITHSTAND EXTENDED OUTDOOR EXPOSURE; 8" POLE MOUNT POST TOP ADAPTER; CONTRACTOR ALLOWANCE (\$3,811)	COOPER	(FIXTURE) ARB-B3-LED-D1-T5-SCBA-PC (POLE) RTAP10-A-11-F-2-BC	277 V	100 VA	LED	8,511	4000 K	70
OA	SUSPENDED DECORATIVE FEISTON STRING LIGHTS; 2 FOOT SPACED AND TAUT ON AIR CRAFT CABLE; DIMMABLE TO 10%; BUG RATED; WET INSTALLATION; 325 LUMENS/2FT; 3.5WATTS/2FT.	PRIMUS LIGHTING	DSW-24-120-G16-5-DSQB-F-TBK-XXX	120 V	4 VA	LED	325	3200 K	70
OB1	42" ROUND BALLARD; VANDAL RESISTANCE; CORROSION RESISTANT; WAVESTREAM LED OPTICAL; 0-10V DIMMING DRIVER; DUST AND WATER RESISTANT; OCCUPANCY SENSOR	COOPER	ABB-B2-8030-LED-42-D1-S-SCBA-MS/DIM-H8-ABAAnchor	277 V	32 VA	LED	1,276	3000 K	80
OC	DOUBLE PAGODA ACCENT LIGHTING; DIRECTIONALLY ADJUSTABLE; DIMMING CONTROLS; IP66 RATED	LUMASCAPE	LS321-2LED-12H6-WD-L5LED-15V20W27-CB	277 V	20 VA	LED	1,500	3000 K	80
OC1	18" LED WHITE ACRYLIC DIFFUSER CUBE; WIND RATED FOR 140MPH 3 SECOND BURSTS; DMX INTEGRAL POWER SUPPLY; CUBE COUNT(16)	CAMMAN LIGHTING	C19865-18	277 V	60 VA	LED	0	0 K	0
OC2	24" LED WHITE ACRYLIC DIFFUSER CUBE; WIND RATED FOR 140MPH 3 SECOND BURSTS; DMX INTEGRAL POWER SUPPLY; CUBE COUNT(14)	CAMMAN LIGHTING	C19865-24	277 V	80 VA	LED	0	0 K	0
OC3	30" LED WHITE ACRYLIC DIFFUSER CUBE; WIND RATED FOR 140MPH 3 SECOND BURSTS; DMX INTEGRAL POWER SUPPLY; CUBE COUNT(9)	CAMMAN LIGHTING	C19865-30	277 V	100 VA	LED	0	0 K	0
OD	4.5" ROUND EXTERIOR/WET RATED DOWNLIGHT; REGRESSED LENS; WIDE DISTRIBUTION; SEMI-REFLECTOR	H.E.W.	V4DR-1-10-8-40-DIM-UNV-R-W-OF-CS-WET/CC-N	120 V	16 VA	LED	972	4000 K	80
OF	5"X4" VANDAL RESISTANT LED; EXTERIOR/WET LISTED; MOUNTS TO PAVILION STRUCTURE; UV STABLE OPAL POLY WRAP LENS; SCBA	LUMINAIRE LED	VVP4-1-MIN10-40W-40K-MVOLT-OP-SCBA-WL	120 V	25 VA	LED	4,272	4000 K	80
OW2	EXTERIOR WALL PACK; ENERGY EFFICIENT; FULL CUT-OFF SOLUTION; IP66 RATED; PHOTOCCELL	LITHONIA LIGHTING	WPX1-30K-MVOLT-E14WC-PE-DOBXD	120 V	11 VA	LED	1,537	3000 K	70
P1	PICKLEBALL COURT LIGHTING; 50FT POLE; (3) LED HEADS EACH WWISOR; TLC-LED-550(540W/67,000 LMS EA) COLOR OF FIXTURE/POLE BY OWNER; ELECTRICAL CONTRACTOR TO PROVIDE ALL INSTALLATION, WIRING, TRENCHING, ETC. FOR A COMPLETE SYSTEM MUSCO LIGHTING TO PROVIDE ALL FIXTURES, POLES, PRE-CAST CONCRETE BASES, CONTROL CABINET, STROBES, SWITCH, POLE FOR STROBE, ETC. CONTACT AARON KING/MUSCO LIGHTING, #435-659-9530 FOR FURTHER INFORMATION AND COORDINATION.	MUSCO	TLC-LED-550(540W/67,000 LMS EA) 50' TALL GALVANIZED STEEL POLES	277 V	1620 VA	LED	201,000	5700 K	+75
P2	PICKLEBALL COURT LIGHTING; 50FT POLE; (3) LED HEADS EACH WWISOR; TLC-LED-550(540W/67,000 LMS EA) COLOR OF FIXTURE/POLE BY OWNER; ELECTRICAL CONTRACTOR TO PROVIDE ALL INSTALLATION, WIRING, TRENCHING, ETC. FOR A COMPLETE SYSTEM MUSCO LIGHTING TO PROVIDE ALL FIXTURES, POLES, PRE-CAST CONCRETE BASES, CONTROL CABINET, STROBES, SWITCH, POLE FOR STROBE, ETC. CONTACT AARON KING/MUSCO LIGHTING, #435-659-9530 FOR FURTHER INFORMATION AND COORDINATION.	MUSCO	TLC-LED-550(540W/67,000 LMS EA) 50' TALL GALVANIZED STEEL POLES	277 V	3240 VA	LED	402,000	5700 K	+75
P3	PICKLEBALL COURT LIGHTING; 50FT POLE; (3) LED HEADS EACH WWISOR; TLC-LED-550(540W/67,000 LMS EA) COLOR OF FIXTURE/POLE BY OWNER; ELECTRICAL CONTRACTOR TO PROVIDE ALL INSTALLATION, WIRING, TRENCHING, ETC. FOR A COMPLETE SYSTEM MUSCO LIGHTING TO PROVIDE ALL FIXTURES, POLES, PRE-CAST CONCRETE BASES, CONTROL CABINET, STROBES, SWITCH, POLE FOR STROBE, ETC. CONTACT AARON KING/MUSCO LIGHTING, #435-659-9530 FOR FURTHER INFORMATION AND COORDINATION.	MUSCO	TLC-LED-550(540W/67,000 LMS EA) 50' TALL GALVANIZED STEEL POLES	277 V	1620 VA	LED	201,000	5700 K	+75
P4	PICKLEBALL COURT LIGHTING; 50FT POLE; (3) LED HEADS EACH WWISOR; TLC-LED-550(540W/67,000 LMS EA) COLOR OF FIXTURE/POLE BY OWNER; ELECTRICAL CONTRACTOR TO PROVIDE ALL INSTALLATION, WIRING, TRENCHING, ETC. FOR A COMPLETE SYSTEM MUSCO LIGHTING TO PROVIDE ALL FIXTURES, POLES, PRE-CAST CONCRETE BASES, CONTROL CABINET, STROBES, SWITCH, POLE FOR STROBE, ETC. CONTACT AARON KING/MUSCO LIGHTING, #435-659-9530 FOR FURTHER INFORMATION AND COORDINATION.	MUSCO	TLC-LED-550(540W/67,000 LMS EA) 50' TALL GALVANIZED STEEL POLES	277 V	1620 VA	LED	201,000	5700 K	+75
P5A	PICKLEBALL COURT LIGHTING; 50FT POLE; (9) LED HEADS EACH WWISOR; TLC-LED-550(540W/67,000 LMS EA) UTILIZING A BACK-TO-BACK MOUNTING CONFIGURATION COLOR OF FIXTURE/POLE BY OWNER; ELECTRICAL CONTRACTOR TO PROVIDE ALL INSTALLATION, WIRING, TRENCHING, ETC. FOR A COMPLETE SYSTEM MUSCO LIGHTING TO PROVIDE ALL FIXTURES, POLES, PRE-CAST CONCRETE BASES, CONTROL CABINET, STROBES, SWITCH, POLE FOR STROBE, ETC. CONTACT AARON KING/MUSCO LIGHTING, #435-659-9530 FOR FURTHER INFORMATION AND COORDINATION.	MUSCO	TLC-LED-550(540W/67,000 LMS EA) 50' TALL GALVANIZED STEEL POLES	277 V	3240 VA	LED	155,200	5700 K	+75
P5B	PICKLEBALL COURT LIGHTING; 50FT POLE; (9) LED HEADS EACH WWISOR; TLC-LED-550(540W/67,000 LMS EA) UTILIZING A BACK-TO-BACK MOUNTING CONFIGURATION COLOR OF FIXTURE/POLE BY OWNER; ELECTRICAL CONTRACTOR TO PROVIDE ALL INSTALLATION, WIRING, TRENCHING, ETC. FOR A COMPLETE SYSTEM MUSCO LIGHTING TO PROVIDE ALL FIXTURES, POLES, PRE-CAST CONCRETE BASES, CONTROL CABINET, STROBES, SWITCH, POLE FOR STROBE, ETC. CONTACT AARON KING/MUSCO LIGHTING, #435-659-9530 FOR FURTHER INFORMATION AND COORDINATION.	MUSCO	TLC-LED-550(540W/67,000 LMS EA) 50' TALL GALVANIZED STEEL POLES	277 V	1620 VA	LED	155,200	5700 K	+75
P6	PICKLEBALL COURT LIGHTING; 50FT POLE; (3) LED HEADS EACH WWISOR; TLC-LED-550(540W/67,000 LMS EA) COLOR OF FIXTURE/POLE BY OWNER; ELECTRICAL CONTRACTOR TO PROVIDE ALL INSTALLATION, WIRING, TRENCHING, ETC. FOR A COMPLETE SYSTEM MUSCO LIGHTING TO PROVIDE ALL FIXTURES, POLES, PRE-CAST CONCRETE BASES, CONTROL CABINET, STROBES, SWITCH, POLE FOR STROBE, ETC. CONTACT AARON KING/MUSCO LIGHTING, #435-659-9530 FOR FURTHER INFORMATION AND COORDINATION.	MUSCO	TLC-LED-550(540W/67,000 LMS EA) 50' TALL GALVANIZED STEEL POLES	277 V	1620 VA	LED	201,000	5700 K	+75
S4	LINEAR LED STRIP LIGHT W/CURVED FROSTED LENS; SURFACE OR CHAIN MOUNTED; 0-10V DIM TO 10%	METALUX	4-SNLED-LD5-41SL-LW-UNV-EL14W-L840-CD-1-BLANK-UAYC-CHAIN/SET	120 V	31 VA	LED	4,000	4000 K	80
SP4	4" LED VAPORTIGHT/NON-CORROSIIVE SURFACE MOUNTED LED; CLEAR ACRYLIC LENS; PLASTIC LATCHES; TOP OR END CONDUIT HUBS AVAILABLE; SURFACE OR SUSPENDED; COORDINATE MOUNTING WITH EQUIPMENT IN ROOM - ORDER APPROPRIATE STAINLESS STEEL ACCESSORIES AS REQUIRED	DAY-BRITE	V3W-4-51L-840-UNV-DIM	120 V	35 VA	LED	5,025	4000 K	80
SP4E	4" LED VAPORTIGHT/NON-CORROSIIVE SURFACE MOUNTED LED; CLEAR ACRYLIC LENS; PLASTIC LATCHES; TOP OR END CONDUIT HUBS AVAILABLE; SURFACE OR SUSPENDED; COORDINATE MOUNTING WITH EQUIPMENT IN ROOM - ORDER APPROPRIATE STAINLESS STEEL ACCESSORIES AS REQUIRED; EM BATTERY	DAY-BRITE	V3W-4-51L-840-UNV-DIM-BSL10LST	120 V	35 VA	LED	5,025	4000 K	80



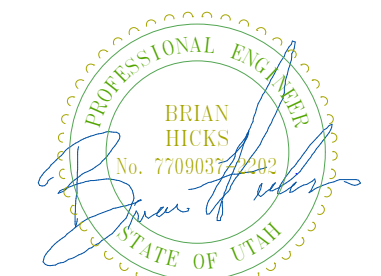
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100 PERCENT SET  
 IVY ACRES PARK  
 1397 WEST COOK LANE  
 FARMINGTON, UTAH

NO.	DATE	DESCRIPTION
1	12/10/2024	Issue for Bidding



Designed By: AS  
 Drawn By: AS  
 Date: 02-23-2024  
 Checked By: RB  
 Project No: 22-246

Drawing Title  
**ELECTRICAL SCHEDULES**

Drawing number  
**E002**

PANELBOARD SCHEDULE  
PANEL: SP1 TYPE: Type 1 VOLTS: 120/208 Y PHASE: 3 WIRES: 4  
MOUNTING: SURFACE LOCATION: MAINS: MLO  
BUSSEING: ALUMINUM FED FROM: LDP AMP: 400 A  
SUBFEED LUGS, DOOR-IN-DOOR, ISO GROUND, 200% NEUTRAL, SPD

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
WF-1B, VFD FOR 1A	50 A	3	8	1	3699		2005		2005		2	10	3	30 A	WF-3A, TREE FEATURE PUMP
WF-2C, VFD FOR 2A	70 A	3	4	7	5548		2250		2250		8	10	2	30 A	WF-13B, UV SYSTEM CONTROL...
WF-5A, EAST FEATURES PUMP	30 A	3	10	13	2005		2088		1409		18	12	1	15 A	WF-10, ACID FEEDER
WF-4C, VFD FOR 4A	90 A	3	3	19	7133		1800		500		24	12	1	15 A	WF-7A, CHEMICAL SYSTEM...
ALARM PANEL	20 A	1	12	25	500						26	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	27							28	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	29							30	--	1	--	SPACE ONLY
SPARE	20 A	1	--	31	0						32	--	1	20 A	SPARE
SPARE	20 A	1	--	33	0						34	--	1	20 A	SPARE
SPARE	20 A	1	--	35	0						36	--	1	20 A	SPARE
SPARE	20 A	1	--	37	0						38	--	1	20 A	SPARE
SPARE	20 A	1	--	39	0						40	--	1	20 A	SPARE
SPARE	20 A	1	--	41	0						42	--	1	20 A	SPARE
CONNECTED LOAD TOTAL															
75836 VA															
AIC RATING _____ AMPS RMS SYSTM.															

SWITCHBOARD SCHEDULE  
Switchboard: MDP  
LOCATION: SITE 150  
SUPPLY FROM: RMP TRANSFORMER  
MOUNTING: PAD MOUNTED  
ENCLOSURE: NEMA 3R  
BUSSEING: ALUMINUM

VOLTS: 480/277 Y  
PHASE: 3  
WIRES: 4

AIC RATING: 33,996  
MAINS TYPE: \_\_\_\_\_  
DOOR-IN-DOOR 200% NEUTRAL  
SPD: TYPE C

CKT	CIRCUIT DESCRIPTION	# OF POLES	AMP RATING	A	B	C	REMARKS
1	HL1	3	100 A	10264 VA	10100 VA	8152 VA	
2	T1	3	600 A	45458 VA	76523 VA	81818 VA	
3							
4							
5							
6							
7							
8							
9							
10							
TOTAL LOAD (VA):				55723 VA	86623 VA	89970 VA	
TOTAL LOAD (AMPS):				201 A	330 A	342 A	
TOTAL CONN. LOAD:				229316 VA			
TOTAL CURRENT (AVG):				276 A			

NOTES:  
\* PROVIDE 5mA GFCI CIRCUIT BREAKER  
\*\* PROVIDE ARC-FAULT CIRCUIT BREAKER  
ELECTRICAL PANEL INSTALLED IN THE POOL EQUIPMENT ROOM, SHALL MEET CORROSION RESISTANCE REQUIREMENTS OF NEC 2020 ARTICLE 680.14, I.E. BE NEMA-4X RATED.

PANELBOARD SCHEDULE  
PANEL: HL1 TYPE: Type 1 VOLTS: 480/277 Y PHASE: 3 WIRES: 4  
MOUNTING: SURFACE LOCATION: MAINS: MLO  
BUSSEING: ALUMINUM FED FROM: MDP AMP: 100 A  
SUBFEED LUGS, DOOR-IN-DOOR, ISO GROUND, 200% NEUTRAL, SPD

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM
MUSCO COURT LIGHTING	30 A	1	6	1	3240				582		2	12	3	15 A	WF-29B, ELECTRIC CHAIN HOIST
MUSCO COURT LIGHTING	30 A	1	6	3	3240				582		4	--	--	--	--
MUSCO COURT LIGHTING	30 A	1	6	5	3240				582		6	--	--	--	--
MUSCO COURT LIGHTING	30 A	1	8	7	3240				1330		8	12	3	15 A	UH-6, ELECTRIC UNIT HEATER
MUSCO COURT LIGHTING	30 A	1	6	9	3240				1330		10	--	--	--	--
WEST SITE LIGHTING	20 A	1	6	13	1872				--		14	--	1	--	SPACE ONLY
EAST SITE LIGHTING	20 A	1	6	15	1708				--		16	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	17					--		18	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	19					--		20	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	21					--		22	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	23					--		24	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	25					--		26	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	27					--		28	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	29					--		30	--	1	--	SPACE ONLY
SPACE ONLY	--	--	--	31	0				--		32	--	1	20 A	SPARE
SPACE ONLY	--	--	--	33	0				--		34	--	1	20 A	SPARE
SPACE ONLY	--	--	--	35	0				--		36	--	1	20 A	SPARE
SPACE ONLY	--	--	--	37	0				--		38	--	1	20 A	SPARE
SPACE ONLY	--	--	--	39	0				--		40	--	1	20 A	SPARE
SPACE ONLY	--	--	--	41	0				--		42	--	1	20 A	SPARE
CONNECTED LOAD TOTAL															
28517 VA															
AIC RATING 30.265 AMPS RMS SYSTM.															

SWITCHBOARD SCHEDULE  
Switchboard: LDP  
LOCATION: SITE 150  
SUPPLY FROM: T1  
MOUNTING: PAD MOUNTED  
ENCLOSURE: NEMA 3R  
BUSSEING: ALUMINUM

VOLTS: 120/208 Y  
PHASE: 3  
WIRES: 4

AIC RATING: 32,786  
MAINS TYPE: \_\_\_\_\_  
DOOR-IN-DOOR 200% NEUTRAL  
SPD: \_\_\_\_\_

CKT	CIRCUIT DESCRIPTION	# OF POLES	AMP RATING	A	B	C	REMARKS
1	L1	3	150 A	9532 VA	11775 VA	10666 VA	
2	SP1	3	400 A	27029 VA	26501 VA	22806 VA	
3	L2	3	150 A	8762 VA	12341 VA	11986 VA	
4	FOOD TRUCK PEDESTAL	2	20 A	5200 VA	5200 VA		
5	FOOD TRUCK PEDESTAL	2	20 A	5200 VA	5200 VA		
6	FOOD TRUCK PEDESTAL	2	20 A	5200 VA	5200 VA		
7	FOOD TRUCK PEDESTAL	2	20 A	5200 VA	5200 VA		
8	FOOD TRUCK PEDESTAL	2	20 A	5200 VA	5200 VA		
9	STAGE PEDESTAL	2	20 A	5200 VA	5200 VA		
10							
TOTAL LOAD (VA):				76523 VA	81818 VA	45458 VA	
TOTAL LOAD (AMPS):				678 A	722 A	378 A	
TOTAL CONN. LOAD:				200799 VA			
TOTAL CURRENT (AVG):				557 A			

NOTES:  
\* PROVIDE 5mA GFCI CIRCUIT BREAKER  
\*\* PROVIDE ARC-FAULT CIRCUIT BREAKER

PANELBOARD SCHEDULE  
PANEL: L1 TYPE: Type 1 VOLTS: 120/208 Y PHASE: 3 WIRES: 4  
MOUNTING: SURFACE LOCATION: MAINS: MLO  
BUSSEING: ALUMINUM FED FROM: LDP AMP: 150 A  
SUBFEED LUGS, DOOR-IN-DOOR, ISO GROUND, 200% NEUTRAL, SPD

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM	
IRRIGATION/CONTROLLER	20 A	1	12	1	180				1153		2	12	3	15 A	UH-2, ELECTRIC CABINET UNIT...	
RECEPT MAINTENANCE	20 A	1	12	3		1260			1153		4	--	--	--	--	
MAINTENANCE LIGHTING	20 A	1	12	5		230			1153		6	--	--	--	--	
MUSCO CONTROLLER	20 A	1	12	7	1500				300		8	12	2	15 A	UH-4A, ELECTRIC WALL HEATER	
EP-2B EXHAUST FAN	15 A	1	4	9					2583		10	--	--	--	--	
FESTOON LIGHTING/FIRE	20 A	1	4	11					704		180	12	12	--	--	
WH-2, WATER HEATER	20 A	1	4	13					500		1000	16	4	1	20 A	PEDESTAL CHARGING STATION
DMX CONTROLLER	20 A	1	12	15					500		1800	18	6	1	20 A	PEDESTAL CHARGING STATION
TENT STALL GROUND BOX	20 A	1	4	17					1800		1800	18	6	1	20 A	TENT STALL GROUND BOX
TENT STALL GROUND BOX	20 A	1	6	19	1800				1800		22	8	1	20 A	TENT STALL GROUND BOX	
TENT STALL GROUND BOX	20 A	1	6	21					1800		1800	22	8	1	20 A	TENT STALL GROUND BOX
STAGE GROUND BOX	20 A	1	4	23					1800		1800	24	4	1	20 A	STAGE GROUND BOX
LIGHTING	20 A	1	4	25	320				180		1200	28	4	1	20 A	CHATS WORTH RECEPT
CHATS WORTH RECEPT	20 A	1	4	27					180		1200	28	4	1	20 A	CHATS WORTH RECEPT
CHATS WORTH RECEPT	20 A	1	4	29					1200			30	--	--	--	SPACE ONLY
SPARE	20 A	1	--	31	0				0		32	--	--	--	20 A	SPARE
SPARE	20 A	1	--	33	0				0		34	--	--	--	20 A	SPARE
SPARE	20 A	1	--	35	0				0		36	--	--	--	20 A	SPARE
SPARE	20 A	1	--	37	0				0		38	--	--	--	20 A	SPARE
SPARE	20 A	1	--	39	0				0		40	--	--	--	20 A	SPARE
SPARE	20 A	1	--	41	0				0		42	--	--	--	20 A	SPARE
CONNECTED LOAD TOTAL																
29974 VA																
AIC RATING _____ AMPS RMS SYSTM.																

PANELBOARD SCHEDULE  
PANEL: L2 TYPE: Type 1 VOLTS: 120/208 Y PHASE: 3 WIRES: 4  
MOUNTING: SURFACE LOCATION: MAINS: MLO  
BUSSEING: ALUMINUM FED FROM: LDP AMP: 150 A  
SUBFEED LUGS, DOOR-IN-DOOR, ISO GROUND, 200% NEUTRAL, SPD

ITEM	AMPS	POLE	WIRE SIZE	CIR. NO.	A	B	C	A	B	C	CIR. NO.	WIRE SIZE	POLE	AMPS	ITEM	
PAVILION EXT. RECEPT	20 A	1	12	1	540				1800		2	12	1	20 A	WH-1, WATER HEATER	
PAVILION CONV. RECEPT	20 A	1	12	3		720			180		4	10	1	20 A	ROOF CONV. RECEPT	
EW-1, WATER COOLER W/..	15 A	1	12	5			240		1040		540	6	12	1	20 A	PAVILION UTIL. RECEPT
ACST	20 A	1	12	7	500						8	12	2	15 A	UH-1B, ELECTRIC CABINET UNIT...	
PAVILION CONV. RECEPT	20 A	1	12	9			900				1040	10	--	--	--	
DATA RACK	20 A	1	12	11					180		1392	12	12	1	15 A	EF-3B, EXHAUST FAN
UH-5A, ELECTRIC CEILING...	25 A	2	12	13	180				500		14	12	1	15 A	FES-2, EMERGENCY SHOWER/E...	
UH-6A, ELECTRIC CEILING...	25 A	2	12	15			1597				16	12	2	15 A	UH-1A, ELECTRIC CABINET UNIT...	
UH-7A, ELECTRIC CEILING...	25 A	2	12	17			1597				18	--	--	--	--	
UH-8A, ELECTRIC CEILING...	25 A	2	12	19	1597				540		20	10	1	20 A	RECEPT PUMP ROOM-1 109-1	
UH-9A, ELECTRIC CEILING...	25 A	2	12	21			1597				22	12	2	15 A	ODU-1, OUTDOOR DUCTLESS...	
UH-10A, ELECTRIC CEILING...	25 A	2	12	23			1597				1102	24	--	--	--	
UH-11A, ELECTRIC CEILING...	25 A	2	12	25	1597				166		26	12	2	15 A	UH-3, ELECTRIC BASEBOARD...	
UH-12A, ELECTRIC CEILING...	25 A	2	12	27			1597				28	--	--	--	--	
UH-13A, ELECTRIC CEILING...	25 A	2	12	29			1597				300	30	12	2	15 A	UH-4B, ELECTRIC WALL HEATER
HAND DRYER	20 A	1	12	31					1200		34	12	1	20 A	HAND DRYER	
HAND DRYER	20 A	1	12	33					1200		1200	36	12	1	20 A	HAND DRYER
SPARE	20 A	1	--	35					0		40	--	--	--	20 A	SPARE
SPARE	20 A	1	--	37					0		40	--	--	--	20 A	SPARE
SPARE	20 A	1	--	39					0		40	--	--	--	20 A	SPARE
SPARE	20 A	1	--	41					0		42	--	--	--	20 A	SPARE
CONNECTED LOAD TOTAL																
32589 VA																
AIC RATING _____ AMPS RMS SYSTM.																

NOTES:  
\* PROVIDE 5mA GFCI CIRCUIT BREAKER  
\*\* PROVIDE ARC-FAULT CIRCUIT BREAKER



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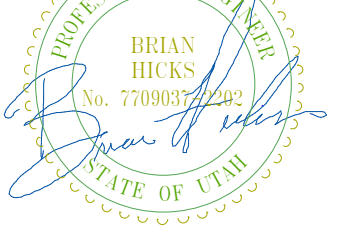
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IVY ACRES PARK  
1397 WEST COOK LANE  
FARMINGTON, UTAH

REVISIONS

NO.	DESCRIPTION
1	REVISED

Stamp



Designed By: AS  
Drawn By: AS  
Date: 02/23/2024  
Checked By: RB  
Project No: 22-246

Drawing Title  
PANELBOARD SCHEDULE

Drawing number  
E004

100 PERCENT SET





**ROOF POWER PLAN**  
SCALE = 1/4" = 1'-0"

**RESTROOM/PAVILION POWER PLAN**  
SCALE = 1/4" = 1'-0"

**WATER FEATURE ELECTRICAL INTERLOCKING NOTES:**

- ELECTRICAL INTERLOCKING BY ELECTRICAL CONTRACTOR. COORDINATE WITH POOL CONTRACTOR.  
PROVIDE INTERLOCKING OF CIRCULATION EQUIPMENT PER FEATURE DRAWINGS AND SPECIFICATIONS. PROVIDE RELAY AND CONTROL WIRING IN 3/4" CONDUIT AS REQUIRED.
- INTERLOCK THE CIRCULATION PUMP WITH ITS RESPECTIVE CHLORINE AND ACID FEED RELAYS. (IF THE CIRCULATION PUMP SHUTS OFF, THE POWER TO ALL CHLORINE AND ACID FEEDERS SHALL SHUT OFF ALSO.) INTERLOCKING SHALL BE ACCOMPLISHED THROUGH AN ELECTRICAL INTERLOCK CONSISTING OF BOTH:
    - FLOW METER OR FLOW SWITCH AT THE CHEMICAL CONTROLLER; AND
    - CHEMICAL FEEDERS WIRED ELECTRICALLY TO THE CIRCULATION SYSTEM. THIS MAY INCLUDE THE USE OF A DIFFERENTIAL PRESSURE SWITCH, A PUMP POWER MONITOR, OR OTHER SUITABLE MEANS.
  - INTERLOCK THE CIRCULATION PUMP WITH THE UV DISINFECTION SYSTEM CONTROL PANEL. (IF THE CIRCULATION PUMP SHUTS OFF, THE POWER TO THE UV SYSTEM CONTROL PANEL SHALL SHUT OFF ALSO.)
  - INTERLOCK THE WATER FEATURE CONTROLLER WITH ALL FEATURE PUMPS.

**POWER GENERAL SHEET NOTES**

- ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL CONTRACTOR.
- CIRCUITS TO ALL MECHANICAL EQUIPMENT SHALL BE DEDICATED UNLESS NOTED OTHERWISE.
- RECEPTACLES OF 15 AND 20 AMPERES, 125 AND 250 VOLTS INSTALLED IN A WET LOCATIONS SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THAT PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUTY." OTHER LISTED PRODUCTS, ENCLOSURES, OR ASSEMBLES PROVIDING WEATHERPROOF PROTECTION THAT DO NOT UTILIZE AN OUTLET BOX HOOD NEED NOT BE MARKED "EXTRA DUTY."

**SHEET KEYNOTES**

- E1 ELECTRICAL PANELS INSTALLED IN THE POOL EQUIPMENT ROOM, SHALL MEET CORROSION RESISTANCE REQUIREMENTS OF NEC 2020 ARTICLE 680.14, I.E. BE NEMA-4X RATED.
- E4 WIRING METHODS IN CORROSIVE ENVIRONMENTS SHALL BE LISTED AND IDENTIFIED FOR USE IN SUCH AREAS PER NEC 680.14.
- E11 CONTROL PANEL WITH INTEGRAL DISCONNECT PROVIDED WITH SUMP PUMP, FURNISHED BY OTHERS AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE CONNECTIONS TO PUMPS IN PIT PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
- E13 PROVIDE SWITCH FOR EF-1A TO BYPASS THE 24/7 RUN TIME FOR ON/OFF CONTROL. LOCATE SWITCH WITHIN SAME GANGE/FACEPLATE AS LIGHT SWITCH.
- E14 PROVIDE SWITCH FOR EF-1B TO BYPASS THE 24/7 RUN TIME FOR ON/OFF CONTROL. LOCATE SWITCH WITHIN SAME GANGE/FACEPLATE AS LIGHT SWITCH.
- E15 PROVIDE SWITCH FOR SF-1 TO BYPASS THE 24/7 RUN TIME FOR ON/OFF CONTROL. LOCATE SWITCH WITHIN SAME GANGE/FACEPLATE AS LIGHT SWITCH.
- E16 TO BE INTERLOCKED WITH LIGHTING AND PROVIDED A 10 MINUTE RUN DELAY.
- E17 PRIOR TO ROUGH-IN TO COORDINATE WITH EYE WASH INSTALLER.
- E18 PROVIDE POWER TO ALARM PANEL FOR SEWAGE GRINDER MOTOR. COORDINATE LOCATION OF PANEL WITH GRINDER PUMP INSTALLER PRIOR TO ROUGH-IN.



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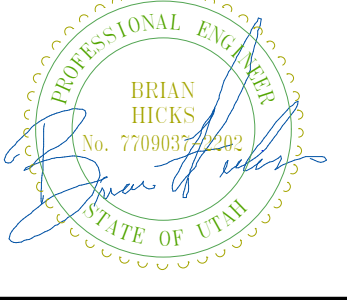
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**IVY ACRES PARK**  
1397 WEST COOK LANE  
FARMINGTON, UTAH

REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR PERMIT



Designed By: AS  
Drawn By: AS  
Date: 02.23.2024  
Checked By: RB  
Project No: 22-246

Drawing Title  
**RESTROOM/  
PAVILION  
POWER  
PLAN**  
Drawing number

**E152**

100 PERCENT SET

PLANT SCHEDULE

SYMBOL	BOTANICAL / COMMON NAME	CONT	CAL	QTY
<b>DECIDUOUS TREES</b>				
	GLEDITSIA TRIACANTHOS 'SHADEMASTER' / SHADEMASTER HONEY LOCUST	B&B	2" CAL	11
	LIQUIDAMBAR STYRACIFLUA / SWEET GUM	B&B	2" CAL	15
	PLATANUS X ACERIFOLIA 'EXCLAMATION' TM / EXCLAMATION LONDON PLANE TREE	B&B	2" CAL	18
	PRUNUS VIRGINIANA 'CANADA RED' MULTI-STEM / CANADA RED CHOKECHERRY	B&B	2" CAL	28
	QUERCUS BICOLOR / SWAMP WHITE OAK	B&B	2" CAL	14
	TAXODIUM DISTICHUM / BALD CYPRESS	B&B	2" CAL	10
	ZELKOVA SERRATA 'GREEN VASE' / ZELKOVA	B&B	2" CAL	54
<b>EVERGREEN TREES</b>				
	PICEA PUNGENS GLAUCA / COLORADO BLUE SPRUCE	B&B	8-10' HT	12
<b>ORNAMENTAL TREES</b>				
	CERCIS CANADENSIS / EASTERN REDBUD	B&B	2" CAL	9
	MALUS 'PRAIRIFIRE' / PRAIRIEFIRE FLOWERING CRABAPPLE	B&B	2" CAL	36
	MALUS 'SPRING SNOW' / FLOWERING CRABAPPLE	B&B	2" CAL	17

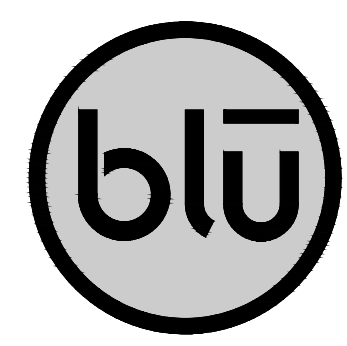
SYMBOL	BOTANICAL / COMMON NAME	CONT	QTY	
	PRUNUS SERRULATA 'KWANZAN' / FLOWERING CHERRY	B&B	2" CAL	12
<b>SHRUBS</b>				
	BERBERIS THUNBERGII 'BAILELLA' / LAMBRUSCO™ JAPANESE BARBERRY	5 GAL	59	
	CARYOPTERIS X CLANDONENSIS 'DARK KNIGHT' / DARK KNIGHT BLUEBEARD	5 GAL	22	
	JUNIPERUS CHINENSIS 'MONTANA MOSS®' / CHINESE JUNIPER	5 GAL	10	
	JUNIPERUS SCOPULORUM 'WICHITA BLUE' / WICHITA BLUE JUNIPER	5 GAL	11	
	PHYSOCARPUS OPULIFOLIUS 'DONNA MAY' / LITTLE DEVIL NINEBARK	5 GAL	47	
	PINUS MUGO 'SLOWMOUND' / MUGO PINE	5 GAL	22	
	PINUS SYLVESTRIS 'HILLSIDE CREEPER' / HILLSIDE CREEPER SCOTCH PINE	5 GAL	41	
	RHUS AROMATICA 'GRO-LOW' / GRO-LOW FRAGRANT SUMAC	5 GAL	116	
<b>ORNAMENTAL GRASSES</b>				
	CAREX MORROWII 'ICE DANCE' / ICE DANCE JAPANESE SEDGE	1 GAL	247	
	MUHLENBERGIA CAPILLARIS / PINK MUHLY GRASS	1 GAL	154	
	PENNISETUM ALOPECUROIDES 'HAMELN' / HAMELN DWARF FOUNTAIN GRASS	1 GAL	83	
<b>PERENNIALS</b>				
	AMSONIA HUBRICHTII / ARKANSAS BLUESTAR	1 GAL	210	
	BERLANDIERA LYRATA / CHOCOLATE DAISY	1 GAL	148	
	COREOPSIS UPTICK™ GOLD & BRONZE PP28882 / TICKSEED	1 GAL	286	
	HELIANTHEMUM NUMMULARIUM 'WISLEY PINK' / WISLEY PINK SUNROSE	1 GAL	126	
	LAVANDULA ANGUSTIFOLIA 'MUNSTEAD' / MUNSTEAD ENGLISH LAVENDER	1 GAL	217	
	PHLOX PANICULATA 'BARPHFLARE' / FLAME™ RED GARDEN PHLOX	1 GAL	210	

SYMBOL	DESCRIPTION	CONT	QTY
	BIOMEADOW BY BIOGRASS / BIOMEADOW	SOD	81,622 SF
	PANICUM VIRGATUM 'CHEYENNE SKY' / CHEYENNE SKY SWITCH GRASS	1 GAL	493
	PLANTING BED / MULCH	BED	36,080 SF
	POA PRATENSIS / KENTUCKY BLUEGRASS	SOD	192,904 SF
	ROCK MULCH - 3" DEPTH, 2"-4" WASHED SOUTHTOWN COBBLE	BED	9,472 SF

\* ALL SHOWN QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE TO CONDUCT INDEPENDENT TAKEOFFS TO ESTABLISH QUANTITIES. PLAN SYMBOL QUANTITIES OVERRIDE QUANTITIES SHOWN IN SCHEDULE.

NORTHERN UPLAND KIT PLANT SPECIES - BID ALTERNATE:										SOUTHERN WETLAND KIT PLANT SPECIES - BID ALTERNATE:									
Common Name	Scientific Name	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Common Name	Scientific Name	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>Forbs</b>										<b>Forbs</b>									
Gooseberry-leaf globemallow	<i>Sphaeralcea grossularifolia</i>									Rough bugleweed	<i>Lycopus asper</i>								
Showy milkweed	<i>Asclepias speciosa Total</i>									Yerba mansa	<i>Anemopsis californica</i>								
Aspen Fleabane	<i>Erigeron speciosus</i>									Showy milkweed	<i>Asclepias speciosa</i>								
Utah sweetvetch	<i>Hedysarum boreale</i>									Tall evening primrose	<i>Oenothera elata</i>								
One flower sunflower	<i>Helianthella uniflora</i>									Water groundsel	<i>Senecio hydrophilus</i>								
Firecracker penstemon	<i>Penstemon eatonii</i>									Saltmarsh fleabane	<i>Pluchea odorata</i>								
Munroe's globemallow	<i>Sphaeralcea munroana</i>									Goldenrod	<i>Solidago canadensis</i>								
Perky Sue	<i>Tetranneuris occulis</i>									White heath aster	<i>Aster ericoides</i>								
Thick leaf penstemon	<i>Penstemon pachyphyllus</i>									Nuttalls sunflower	<i>Helianthus nuttallii</i>								
Palmer's penstemon	<i>Penstemon palmeri</i>									<b>Grasses/sedges</b>									
Sulfur flower buckwheat	<i>Eriogonum umbellatum</i>									Field sedge	<i>Carex praegracilis</i>								
Blanket flower	<i>Gaillardia aristata</i>									Alkali sacaton	<i>Sporobolus airoides</i>								
Dusty penstemon	<i>Penstemon comarrhenus</i>									<b>Grasses</b>									
Rocky Mtn penstemon	<i>Penstemon strictus</i>									Blue grama	<i>Bouteloua gracilis</i>								
Alderleaf mountain hogony	<i>Cercocarpus montanus</i>									Great Basin wildrye	<i>Elymus cinereus</i>								
Fernbush	<i>Chamaebatia millefolium</i>									Little bluestem	<i>Schizachyrium scoparium</i>								
Showy golden eye	<i>Helioneris multiflora</i>									Sideoats grama	<i>Bouteloua curtipendula</i>								
Desert 4'o clock	<i>Mirabilis multiflora</i>									Indian ricegrass	<i>Oryzopsis hymenoides</i>								
Fire chalice	<i>Zauschneria garrettii</i>									Bluebunch wheatgrass	<i>Pseudoroegneria spicata</i>								

NOTES:  
 1. NATIVE SPECIES KITS SHOULD BE USED TO SUPPLEMENT THE AREAS AROUND THE WETLANDS WITH BIOMEADOW GRASS IN THEM.  
 2. KITS ARE ONLY TO BE USED IF PROJECT IS AWARDED THEM BY THE UTAH POLLINATOR HABITAT PROGRAM.



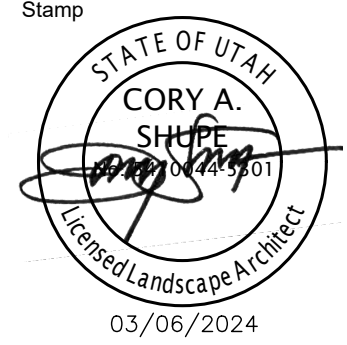
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IVY ACRES PARK  
 1397 WEST COOK LANE  
 FARMINGTON, UT

REVISIONS	
NO.	DESCRIPTION
1	REVISION



03/06/2024  
 Designed By: BP  
 Drawn By: BP, TH  
 Date: 03/06/2024  
 Checked By: CS  
 Project No: 22-246

Drawing Title  
 LANDSCAPE PLAN  
 SCHEDULE

Drawing number

LP502

**SECTION 10 28 00  
TOILET, BATH, AND LAUNDRY ACCESSORIES**

**PART 1 - GENERAL**

## 1.1 SUMMARY

- A. Section Includes:
1. Public-use washroom accessories.
  2. Hand dryers
  3. Childcare accessories.
  4. Underlavatory guards.
  5. Custodial accessories.

## 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For each exposed product and for each finish specified, full size.
1. Approved full-size Samples will be returned and may be used in the Work.
- C. Delegated-Design Submittal: For grab bars.
1. Include structural design calculations indicating compliance with specified structural-performance requirements.

## 1.3 INFORMATIONAL SUBMITTALS

- A. Sample warranties.

## 1.4 CLOSEOUT SUBMITTALS

- A. Maintenance data.

## 1.5 WARRANTY

- A. Manufacturer's Special Warranty for Mirrors: Manufacturer agrees to repair or replace mirrors that fail in materials or workmanship within specified warranty period.
1. Warranty Period: 15 years from date of Substantial Completion.

**PART 2 - PRODUCTS**

## 2.1 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Design accessories and fasteners to comply with the following requirements:
1. Grab Bars: Installed units are able to resist 250 lbf (1112 N) concentrated load applied in any direction and at any point.

## 2.2 PUBLIC-USE WASHROOM ACCESSORIES

- A. Grab Bar (GB):
1. Mounting: Flanges with concealed fasteners.
  2. Material: Stainless steel, 0.05 inch (1.3 mm) thick.
    - a. Finish: Smooth, ASTM A480/A480M No. 4 finish (satin).
  3. Outside Diameter: 1-1/2 inches (38 mm).

4. Configuration and Length: As indicated on Drawings.
- B. Mirror Unit (MIRR):
1. Basis-of-Design: Bradley Mirror Model #781.
  2. Frame: Stainless steel angle, 0.05 inch (1.3 mm) thick or Stainless steel channel.
    - a. Corners: Manufacturer's standard.
  3. Size: As indicated on Drawings.
  4. Hangers: Manufacturer's standard rigid, tamper and theft resistant.
- C. Hook:
1. Basis-of-Design: Model #B-9542 by Bobrick.
  2. Description: Single-prong unit.
  3. Mounting: Concealed.
  4. Material and Finish: Polished chrome-plated brass.
- D. Toilet Tissue (Roll) Dispenser: (TP)
1. Basis-of-Design: B-2888 Surface-Mounted Multi-Roll Toilet Tissue Dispenser by Bobrick
  2. Description: Double-roll dispenser.
  3. Mounting: Surface mounted.
  4. Operation: Noncontrol delivery with theft-resistant spindle.
  5. Capacity: Designed for 5-inch- (127-mm-) diameter tissue rolls.
  6. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).
- E. Sanitary-Napkin Disposal Unit: (ND)
1. Mounting: Surface mounted.
  2. Door or Cover: Self-closing, disposal-opening cover.
  3. Receptacle: Removable.
  4. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).

## 2.3 CHILDCARE ACCESSORIES

- A. Diaper-Changing Station:
1. Basis-of-Design: Bradley Horizontal Baby Changing Station Model #9632 or Koala Care Model #KB200.
  2. Description: Horizontal unit that opens by folding down from stored position and with child-protection strap.
    - a. Engineered to support minimum of 250-lb (113-kg) static load when opened.
  3. Mounting: Surface mounted, with unit projecting not more than 4 inches (102 mm) from wall when closed.
  4. Operation: By pneumatic shock-absorbing mechanism.
  5. Material and Finish: HDPE in manufacturer's standard color.
  6. Liner Dispenser: Provide built-in dispenser for disposable sanitary liners.

## 2.4 UNDERLAVATORY GUARDS

- A. Underlavatory Guard:
1. Description: Insulating pipe covering for supply and drain piping assemblies that prevents direct contact with and burns from piping; allow service access without removing coverings.
  2. Material and Finish: Antimicrobial, molded plastic, white.

## 2.5 CUSTODIAL ACCESSORIES

- A. Custodial Mop and Broom Holder:
1. Basis-of-Design: Bradley Model #9933
  2. Description: Unit with shelf, hooks, holders, and rod suspended beneath shelf.
  3. Length: 36 inches (914 mm).

4. Hooks: Four.
5. Mop/Broom Holders: Three, spring-loaded, rubber hat, cam type.
6. Material and Finish: Stainless steel, ASTM A480/A480M No. 4 finish (satin).
  - a. Shelf: Not less than nominal 0.05-inch- (1.3-mm-) thick stainless steel.
  - b. Rod: Approximately 1/4-inch- (6-mm-) diameter stainless steel.

## 2.6 HAND DRYERS

### A. Warm-Air Dryer:

1. Basis-of-Design: ThinAir Hand Dryer by Excel Dryer, Inc.
2. Description: Standard-speed, warm-air hand dryer.
3. Mounting: Surface mounted.
  - a. Protrusion Limit: Installed unit protrudes maximum 4 inches (102 mm) from wall surface.
4. Operation: Infrared-sensor activated with timed power cut-off switch.
  - a. Automatic Shutoff: At 20 seconds.
5. Maximum Sound Level: 66 – 74 dB.
6. Cover Material and Finish: Steel, with white epoxy painted finish.
7. Electrical Requirements: 110-120 V, 7.0-7.8 A, 750-920 W.

## 2.7 FABRICATION

- A. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
  1. Remove temporary labels and protective coatings.
- B. Grab Bars: Install to comply with specified structural-performance requirements.

**END OF SECTION 10 28 00**

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**SECTION 32 13 60  
PICKLEBALL COURT SURFACING**

**PART 1 - GENERAL**

1.1 SUMMARY

- A. This section includes surfacing of pickleball courts.
- B. The Contractor shall be experienced in placing surfacing for post tensioned pickleball courts.
- C. Related Sections include the following:
  - 1. Division 32 Section 32 13 52 "Reinforced Post-Tensioned Concrete Court".

1.2 QUALITY ASSURANCE

- A. The work in this Section shall comply with the requirements of the American Sports Builders Association (ASBA) and shall conform with their standards for court construction. Contractor shall have an ASBA Certified Tennis Court Builder on staff. Proof of certification shall be required of successful bidder.
- B. Contractor is required to submit five similar successfully executed projects.
- C. Bonding requirements shall be per City requirements.

1.3 LIMITATIONS

- A. Application temperature shall be a minimum of 60° F and surface temperature not above 130° F. Do not apply when surface is wet or if rain is imminent or forecast, or if night time temperatures are to be lower than 45° F. Keep from freezing. Do not store in direct sunlight for an extended period of time. Container shall be closed when not in use.

1.4 GUARANTEE

- A. The Contractor shall guarantee the work against defective materials or faulty workmanship for the period of one (1) year and that the colored surface will not wear through for a period of two (2) years from date of completion.

**PART 2 - PRODUCTS****2.1 PRIMER**

- A. Prime coat if required shall consist of a mixture of 100% acrylic latex, diluted 1:4 with water.

**2.2 ACRYLIC RESURFACER**

- A. Acrylic resurfacer coats shall consist of the following mixture:

1. 55 gals Acrylic Resurfacer Concentrate
2. 400 lbs. Silica Sand
3. 18-23 gals Fresh, Potable Water

**2.3 ACRYLIC COLOR**

- A. The acrylic color applications for a slow tennis surface will consist of two (2) coats of the following mixture:

1. 55 gals Acrylic Color Concentrate.
2. 400 lbs. Washed Silica Sand, #50
3. 18-23 gals Fresh, Potable Water
4. Color Selection:TBD by  
Kitchen Area – as selected and approved by Owner.  
Perimeter Area – as selected and approved by Owner.

**2.4 PLAYING LINES**

- A. Playing lines shall be painted on using white, acrylic latex line paint.

**2.5 MANUFACTURERS**

- A. Laykold – PO Box 160, Harmony, PA, 16037 USA, (866) 664-9917; or approved equal.

**PART 3- EXECUTION****3.1 SURFACE PREPARATION**

- A. Prior to the surfacing applications, the concrete shall be thoroughly cleaned (if needed) by the use of a power broom or power washer.



### 3.2 ACID ETCHING

- A. If a compatible sealer is not used on the concrete, the concrete surface must be etched with muriatic acid, diluted with water at one part acid to ten parts water (always pour acid into water). Keep surface moist ahead of acid etching procedure. Brush acid into surface with a stiff broom. Acid solution should foam when poured onto concrete. Scrub surface to remove all dirt, as acid will not affect dirt. Flush surface thoroughly with water after acid solution stops foaming. Do not allow the acid etching mixture to dry on the surface.

### 3.3 PRIME COAT

- A. Prime coat shall be applied when acid-etching is required. The primer shall be applied with a stiff broom immediately following the acid etching procedure, when the surface has dried. Primer shall not be allowed to puddle.

### 3.4 ACYLIC RESURFACER

- A. The mixture will be agitated in a one hundred (100) gallon paddled mortar mixer so as to provide a consistent and homogeneous solution. The mixture will be applied over the entire court surface with a twenty-four inch (24") to thirty-six inch (36") rubber-tipped squeegee. The resurfacer coat(s) shall provide a uniform surface, with no ridges. One coat shall be applied, and further coats will be applied if necessary to provide for a uniform surface.

### 3.5 ACRYLIC COLOR

- A. The mixture will be agitated in a one hundred (100) gallon paddled mortar mixer so as to provide a consistent and homogeneous solution. The mixture will be applied over the entire court surface using a twenty-four inch (24") to thirty-six inch (36") rubber-tipped squeegee. The color is to be free of ridges and uniform. Refer to Part 2.3 for number of applications and court color selection.

### 3.6 PLAYING LINES

- A. A minimum of four hours after completion of the color coating, the playing lines two inches (2") wide will be accurately located and marked by snapping a chalk line and placing one inch (1") masking tape guides, using a line taper. Latex acrylic line paint will be brushed on to provide a uniform line. The lines shall have clear definition and ragged lines will not be accepted.

**END OF SECTION**



**GEOTECHNICAL INVESTIGATION**

**IVY ACRES PARK**

**1397 WEST COOK LANE (500 NORTH)**

**FARMINGTON, UTAH**

**PREPARED FOR:**

**BLU LINE DESIGNS  
8719 SOUTH SANDY PARKWAY  
SANDY, UTAH 84070**

**ATTENTION: BRENT POTTER**

**PROJECT NO. 1240217**

**MAY 6, 2024  
REVISED JUNE 12, 2024**

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**EXECUTIVE SUMMARY**

1. Approximately 4 feet of fill was encountered in Borings B-1 and B-6. Approximately 1 foot of topsoil was encountered in the other borings drilled at the site. Natural lean clay was encountered below the fill and topsoil and extends the full depth of the borings except Boring B-5. Sand was encountered at a depth of approximately 26½ feet in Boring B-5 and extends the full depth of the boring.

Two Cone Penetration Tests were conducted at the site. Lean clay with occasional silt layers was encountered at the full depth of CPT-2 and to a depth of approximately 21 feet in CPT-1. Sand was encountered below the clay in CPT-1 and extends the maximum depth investigated, approximately 51½.

2. Subsurface water was encountered in the borings at depths ranging from approximately 1½ to 5 feet below the existing ground surface when measured 7 to 10 days after drilling. Fluctuations in the subsurface water level will occur over time. An evaluation of such fluctuations is beyond the scope of this investigation.
3. There appears to be several piles of fill around the property. The fill encountered in the borings consists primarily of clay and has low and erratic penetration resistance values. Based on our current understanding of the fill, it is our professional opinion that the fill, in its current condition, is not suitable to support the proposed structures, pavements and other settlement-sensitive improvements. Recommendations relating to construction in areas of unsuitable fill are presented in the report.
4. The site is suitable for the proposed construction. Structures may be supported on spread footings bearing on the undisturbed natural soil or on compacted structural fill extending down to the undisturbed natural soil. Footings bearing on the undisturbed natural soil may be designed using an allowable net bearing pressure of 1,200 pounds per square foot. Footings bearing on at least 2 feet of properly compacted structural fill extending down to the undisturbed natural soil may be designed using an allowable net bearing pressure of 2,000 pounds per square foot.
5. Helical piers or micropiles or equivalent systems are planned to be used to support the elevated concrete boardwalks. A specialty pier/pile contractor should be consulted for recommendations for design and construction of piers/piles.
6. Geotechnical information related to subgrade preparation, excavation, construction materials, pavement and foundation support is included in the report.

## SCOPE

This report presents the results of a geotechnical investigation for the proposed Ivy Acres Park to be located at 1397 West Cook Lane (500 North) in Farmington, Utah. The report presents the subsurface conditions encountered, laboratory test results and geotechnical recommendations for design and construction at the site. The study was conducted in general accordance with our proposal dated March 21, 2024.

Field exploration was conducted to obtain information on the subsurface conditions and to obtain samples for laboratory testing. Selected samples obtained from the field were tested in the laboratory to determine physical and engineering characteristics of the on-site soil. Information obtained from the field and laboratory was used to define conditions at the site and to develop recommendations for construction at the site.

This report has been prepared to summarize the data obtained during the study and to present our conclusions and recommendations based on the proposed construction and the subsurface conditions encountered. Design parameters and a discussion of geotechnical engineering considerations related to construction are included in the report.

## SITE CONDITIONS

The site consists primarily of undeveloped land. There were areas of ponded water on the site at the time of our field study. There were piles of fill in the southern and northwestern portions of the site. A drainage crosses the southeastern portion of the site.

The ground surface at the site is relatively flat with a gentle slope down to the southwest. Vegetation at the site consists of grass, weeds, and marsh-type vegetation. There are trees along the drainage near the southeastern portion of the site.

Several roadways in various stages of construction north, east and west sides of the site. Maker Way and Cook Lane are asphalt paved roadways along the east and north of the site, respectively. Innovator Drive has been constructed but not paved. The area south of the site consists of undeveloped land similar to the project site.

## **FIELD STUDY**

The field study was conducted on April 19 and 22, 2024. Six exploratory borings were drilled at the approximate locations indicated on Figure 1 using direct push. The borings were logged, and soil samples obtained by a representative from AGECE. Logs of the subsurface conditions encountered in the borings are graphically shown on Figure 2 with legend and notes on Figure 3.

Two Cone Penetration Tests (CPT) were conducted at the site on April 18, 2024. The results of the CPTs are presented in the appendix.

## **SUBSURFACE CONDITIONS**

Approximately 4 feet of fill was encountered in Borings B-1 and B-6. Approximately 1 foot of topsoil was encountered in the other borings drilled at the site. Natural lean clay was encountered below the fill and topsoil and extends the full depth of the borings except Boring B-5. Sand was encountered at a depth of approximately 26½ feet in Boring B-5 and extends the full depth of the boring.

Two Cone Penetration Tests were conducted at the site. Lean clay with occasional silt layers was encountered at the full depth of CPT-2 and to a depth of approximately 21 feet in CPT-1. Sand was encountered below the clay in CPT-1 and extends the maximum depth investigated, approximately 51½.

A description of the various soils encountered in the borings follows:

Fill - The fill consists of clay and silt. It is moist to very moist and light brown.

Topsoil - The topsoil consists of lean clay. It is moist to very moist and brown to dark brown.

Lean Clay - The clay contains occasional thin silt and silty sand layers. It is soft to medium stiff, moist to wet and light brown to dark brown to gray.

Laboratory tests conducted on samples of the clay indicate that it has natural moisture contents ranging from 18 to 28 percent and natural dry densities ranging from 96 to 111 pounds per cubic foot (pcf). Unconfined compressive strengths of 1,205 and 1,930 pounds per square foot (psf) were measured for samples of clay tested in the laboratory.

Consolidation tests conducted on samples of the clay indicate that it will compress moderate to large amounts with the addition of light to moderate loads. Results of the consolidation tests are presented on Figures 4 and 5.

Poorly Graded Sand - The sand contains some silt and is medium dense, wet, and dark gray.

Results of the laboratory tests are summarized on Table I and are included on the logs of the exploratory borings, Figure 2.



## **SUBSURFACE WATER**

Subsurface water was encountered in the borings at depths ranging from approximately 1½ to 5 feet below the existing ground surface when measured 7 to 10 days after drilling. Fluctuations in the subsurface water level will occur over time. An evaluation of such fluctuations is beyond the scope of this investigation.

## **PROPOSED CONSTRUCTION**

The preliminary plans are shown on Figure 1. We understand that the park is planned to include the following improvements:

- A tall, metal tree sculpture in the northwestern corner of the site,
- A playground area east of the tree sculpture,
- An asphalt paved parking lot and a small maintenance/storage shed along the northcentral portion of the site,
- Six pickle ball courts and a basketball court in the northeastern corner of the site,
- A pavilion and restroom facility in the center of the park,
- Another tree sculpture and water feature west of the pavilion,
- A concrete stage with a below-grade water storage vault to the south of the pavilion,
- Elevated boardwalks with platforms and bridges to extend through the low-lying areas.

We have assumed that the structures and improvements will have wall loads of less than 5 kips per linear foot, column loads less than 100 kips and surface features constructed on slabs will be lightly loaded with pressures less than 300 psf.

The concrete boardwalk design plans indicate that the platforms and boardwalk bridge will consist of 20-foot spans. The boardwalk loading consists of 90 psf pedestrian (live) load and vehicular loads up to 10,000 pounds. The plans indicated that piers/piles should be designed for service loads up to 22 kips (compression) and up to 1 kip (lateral). A specialty pier/pile

contractor should be consulted for recommendations for design and construction of piers/piles.

If the proposed construction, building loads or anticipated traffic is significantly different from what is described above, we should be notified so that we can reevaluate the recommendations given.

## RECOMMENDATIONS

Based on the subsurface conditions encountered, laboratory test results and our understanding of the proposed construction, the following recommendations are given:

### A. Site Grading

We anticipate that there will be less than 3 feet of elevation change (cut and fill) across most of the site. If greater than 3 feet of site grading fill is placed across relatively large areas of the site, settlement due to consolidation of the underlying compressible soil should be monitored to determine the appropriate time for construction of settlement sensitive features to begin. Site grading fill placed for the project should be placed as soon as possible prior to construction.

#### 1. Unsuitable Fill

There appears to be several piles of fill around the property. The fill encountered in the borings consists primarily of clay and has low and erratic penetration resistance values. Based on our current understanding of the fill, it is our professional opinion that the fill, in its current condition, is not suitable to support the proposed structures, pavements and other settlement-sensitive improvements.

Unsuitable fill, topsoil, organics, debris, and other deleterious material should be removed from below proposed structures, pavements, and other settlement-sensitive improvements.

2. Subgrade Preparation

Prior to placing site grading fill or pavement materials, the topsoil, unsuitable fill, organic material, and other deleterious materials should be removed.

The upper natural soil consists predominantly of clay and subsurface water is at a relatively shallow depth. Very moist to wet clay will result in construction access difficulties for rubber-tired construction equipment when the fine-grained soil is very moist to wet such as in the winter or spring or at times of prolonged rainfall and where excavation extend down near the subsurface water level.

Care will be required during construction to minimize disturbance of the natural soil to remain below proposed building and pavement areas. Under these conditions, the subgrade should not be scarified but the subgrade cut to the natural soil and a sufficient thickness of granular borrow consisting primarily of gravel placed to provide construction equipment access. Generally, 2 to 3 feet of granular borrow will provide limited support for moderately loaded rubber-tired construction equipment above a very moist to wet clay subgrade. Consideration should be given to placing a support fabric above the underlying natural clay prior to placement of the granular fill.

3. Excavation

Excavation at the site can be accomplished with typical excavation equipment. Consideration should be given to using excavation equipment with a flat cutting edge when excavating foundations to minimize disturbance of the bearing soil.

Excavations that extend to very moist to wet soil near or below the water level will require the use of excavation equipment supported from outside and above excavations. If excavations extend below the water level, care should be taken to dewater the excavations. The water level should be maintained below the base of the excavation during placement of fill and concrete. Free-draining gravel with less than 5 percent passing the No. 200 sieve should be used for fill or backfill below the original water level. Consideration should be given to using a support fabric above the subgrade prior to placement of free-draining gravel.

4. Slopes

Temporary unretained excavation slopes in the clay may be constructed at 1 horizontal to 1 vertical or flatter. Temporary unretained excavation slopes in the fill may be constructed at 1½ horizontal to 1 vertical or flatter. The temporary excavation slope recommendations assume that seepage is not encountered in excavations. Significantly flatter slopes will be needed if seepage is encountered. It is the responsibility of the contractor to provide appropriate slopes to assure safe working conditions and stability of adjacent areas. Additional evaluation of excavation slopes by a qualified engineer may be required during the construction process.

Permanent unretained cut and fill slopes may be constructed at 2 horizontal to 1 vertical or flatter. Good surface drainage should be provided up slope of cut and fill slopes to direct surface runoff away from the face of the slope. Slopes should be protected from erosion by revegetation or other methods.

5. Compaction

Compaction of materials placed at the site should equal or exceed the minimum densities as indicated below when compared to the maximum dry density as determined by ASTM D 1557.

Fill To Support	Compaction Criteria
Foundations	≥ 95%
Concrete Slabs	≥ 90%
Pavement	
Base Course	≥ 95%
Fill placed below Base Course	≥ 90%
Landscaping	≥ 85%
Retaining Wall Backfill	85 - 90%

To facilitate the compaction process, fill should be compacted at a moisture content within 2 percent of the optimum moisture content.

Fill and pavement materials placed for the project should be frequently tested during construction for compaction. The fill should be placed in thin enough lifts to allow for proper compaction.

6. Materials

Listed below are materials recommended for imported structural fill.

Fill to Support	Recommendations
Footings	Non-expansive granular soil Passing No. 200 Sieve < 35% Liquid Limit < 30% Maximum size 4 inches
Floor Slab (Upper 4 inches)	Sand and/or Gravel Passing No. 200 Sieve < 5% Maximum size 2 inches
Slab Support	Non-expansive granular soil Passing No. 200 Sieve < 50% Liquid Limit < 30% Maximum size 6 inches

Material placed as fill to support the proposed structures should be non-expansive granular soil. The on-site soils are not recommended for use as structural fill but may be considered as site grading fill, fill below pavement areas and as utility trench backfill if the topsoil, organics, debris, and other deleterious materials are removed or they may be used in landscaping areas.

The on-site soil will likely require moisture conditioning (wetting or drying) prior to use as fill. Drying of the soil may not be practical during cold or wet times of the year.

7. Drainage

The ground surface surrounding the proposed structures should be sloped away from the structures in all directions. Roof downspouts and drains should discharge beyond the limits of backfill.

The collection and diversion of drainage away from the pavement surface is important to the satisfactory performance of the pavement section. Proper drainage should be provided.

**B. Foundations**

1. Bearing Material

With the proposed construction and the subsurface conditions encountered, the proposed structures may be supported on spread footings bearing on the undisturbed natural soil or on compacted structural fill extending down to the undisturbed natural soil. Compacted structural fill should extend out away from the edge of the footings a distance at least equal to the depth of fill beneath footings. Topsoil, organics, debris, unsuitable fill, and other deleterious materials should be removed from below the proposed foundation areas.

Helical piers, micropiles or equivalent systems are planned to be used to support the elevated concrete boardwalks. A specialty pier contractor should be consulted for recommendations for design and construction of piers/piles.

2. Bearing Pressures

Spread footings bearing on the undisturbed natural soil or on compacted structural fill extending down to the undisturbed natural soil may be designed using an allowable net bearing pressure of 1,200 psf. Footings bearing on at least 2 feet of properly compacted structural fill may be designed using an allowable net bearing pressure of 2,000 psf.

Footings should have a minimum width of 18 inches and a minimum depth of embedment of 10 inches.

3. Temporary Loading Conditions

The allowable bearing pressure may be increased by one-half for temporary loading conditions such as wind or seismic loads.

4. Settlement

Based on the subsoil conditions encountered and the assumed building loads, we estimate total and differential settlement will be on the order of 1 inch or less. Care should be taken not to disturb the natural soil to remain below the proposed foundations so that settlement can be maintained within tolerable limits.

5. Frost Depth

Exterior footings and footings beneath unheated areas should be placed at least 30 inches below grade for frost protection.

6. Foundation Base

The base of footing excavations should be cleared of loose or deleterious material prior to structural fill or concrete placement.

7. Construction Observation

A representative of the geotechnical engineer should observe footing excavations prior to structural fill or concrete placement. This is particularly important due to the significant amounts of unsuitable fill and potentially collapsible soil encountered at the site.

**C. Concrete Slab-on-Grade**

1. Slab Support

Concrete slabs may be supported on undisturbed natural soil or on compacted structural fill extending down to the undisturbed natural soil.

Topsoil, organics, unsuitable fill, moisture sensitive soil, debris and other deleterious materials should be removed from below proposed floor slab areas.

2. Underslab Sand and/or Gravel

A 4-inch layer of free-draining sand and/or gravel (less than 5 percent passing the No. 200 sieve) should be placed below the concrete slabs for ease of construction and to promote even curing of the slab concrete.

**D. Lateral Earth Pressures**

1. Lateral Resistance for Footings

Lateral resistance for footings placed on the natural soil or on compacted structural fill is controlled by sliding resistance between the footing and the



foundation soils. Friction values of 0.35 and 0.45 may be used in design for ultimate lateral resistance for foundations bearing on clay and granular soils, respectively.

2. Subgrade Walls and Retaining Structures

The following equivalent fluid weights are given for design of subgrade walls and retaining structures. The active condition is where the wall moves away from the soil. The passive condition is where the wall moves into the soil and the at-rest condition is where the wall does not move. The values listed below assume a horizontal surface adjacent to the wall.

Soil Type	Active	At-Rest	Passive
Clay & Silt	50 pcf	65 pcf	250 pcf
Sand & Gravel	40 pcf	55 pcf	300 pcf

3. Seismic Conditions

Under seismic conditions, the equivalent fluid weight should be increased by 40 pcf for active condition and 25 pcf for the at-rest condition. The equivalent fluid weight should be decreased by 40 pcf for the passive condition. This assumes a peak horizontal ground acceleration of 0.67g which represents a 2 percent probability of exceedance in a 50-year period (ICC, 2020).

4. Safety Factors

The values recommended above assume mobilization of the soil to achieve the assumed soil strength. Conventional safety factors used for structural analysis for such items as overturning and sliding resistance should be used in design.

## E. Seismicity, Faulting and Liquefaction

### 1. Seismicity

Listed below is a summary of the site parameters that may be used with the 2021 International Building Code:

Description	Value <sup>1</sup>
Site Class	D <sup>2</sup>
S <sub>S</sub> - MCE <sub>R</sub> ground motion (period=0.2s)	1.34g
S <sub>1</sub> - MCE <sub>R</sub> ground motion (period=1.0s)	0.49g
F <sub>a</sub> - Site amplification factor at 0.2s	1.0
F <sub>v</sub> - Site amplification factor at 1.0s	1.81 <sup>3</sup>
PGA - MCE <sub>G</sub> peak ground acceleration	0.61g
PGA <sub>M</sub> - Site modified peak ground acceleration	0.67g

<sup>1</sup>Values obtained from information provided by the Applied Technology Council at <https://hazards.atcouncil.org>

<sup>2</sup>The potential for seismically induced ground movement indicates that Site Class F is representative of the site. Site Class D was selected based on the subsurface conditions encountered to the depth investigated and our understanding of the geologic conditions in the area. The parameters given above for Site Class D may be used if the liquefaction hazard is mitigated.

<sup>3</sup>F<sub>v</sub> is only used to determine T.

### 2. Faulting

There are no mapped active faults extending through the project site. The closest surface trace of a mapped fault considered active is the Wasatch fault located approximately 1.3 miles to the east of the site (UGS, 2024).

### 3. Liquefaction

The site is in an area mapped as having a “high” liquefaction potential (Anderson and others, 1994). The soil type most susceptible to liquefaction during a large magnitude earthquake is loose, clean sand. The liquefaction potential tends to decrease with an increase in fines content and density.

Based on the results of the site-specific liquefaction analysis, it is our professional opinion that liquefaction-induced settlement would be on the order of 1 inch or less for the design seismic event. If the estimated ground movements due to the design seismic event exceed tolerable limits, consideration may be given to ground improvement methods such as aggregate piers to reduce the potential for liquefaction to occur at the site. The project site is located in an area mapped as lateral spread deposit. Ground improvement methods such as aggregate piers may be used to mitigate the liquefaction hazard. Recommendations related to ground improvement methods are typically provided by the pier specialty contractor.

**F. Water Soluble Sulfates**

One sample of the natural soil was tested in the laboratory for water soluble sulfate content. Test results indicate there is less than 0.1 percent water soluble sulfate in the sample tested. Based on the results of the test and published literature, the natural soil possesses negligible sulfate attack potential on concrete. No special cement type is needed for concrete placed in contact with the natural soil. Other conditions may dictate the type of cement to be used on concrete for the project.

**G. Pavement Recommendations**

The following pavement recommendations are provided for design and construction of parking areas and roadways within the park:

1. Subgrade Support

We anticipate that the subgrade material will consist of areas of natural lean clay and areas of gravel. We have assumed a California Bearing Ratio (CBR) value of 3 percent which assumes a clay subgrade.

2. Pavement Thickness

Based on the subsurface conditions encountered, the assumed traffic conditions presented in the Proposed Construction section of this report, a design life of 20 years for flexible pavement and 30 years for Portland cement concrete pavement and methods presented by the Utah Department of Transportation, a flexible pavement section consisting of 3 inches of asphaltic concrete overlying 8 inches of high-quality base course is calculated.

Alternatively, a rigid pavement section consisting of 5 inches of Portland cement concrete may be placed above a properly prepared subgrade.

A rigid pavement section consisting of 6½ inches of Portland cement concrete should be considered for dumpster approach aprons.

3. Pavement Material

a. Flexible Pavement (Asphaltic Concrete)

The pavement materials should meet the specifications for the applicable jurisdiction.

b. Rigid Pavement (Portland Cement Concrete)

The pavement thickness assumes that a concrete shoulder or curb will be placed at the edge of the pavement and that the pavement will have aggregate interlock joints.

The pavement materials should meet the specifications for the applicable jurisdiction. The pavement thicknesses indicated above assume that the concrete will have a 28-day compressive strength of 5,000 pounds per square inch. Concrete should be air entrained with approximately 6

percent air. Maximum allowable slump will depend on the method of placement but should not exceed 4 inches.

4. Jointing

Joints for concrete pavement should be laid out in a square or rectangular pattern. Joint spacings should not exceed 30 times the thickness of the slab. The joint spacings indicated should accommodate the contraction of the concrete and under these conditions steel reinforcing will not be required. The depth of joints should be approximately one-fourth of the slab thickness.

**H. Pre-Construction Meeting**

A preconstruction meeting should be held with representatives of the owner, project architect, geotechnical engineer, general contractor, earthwork contractor and other members of the design team to review construction plans, specifications, methods, and schedule.

**LIMITATIONS**

This report has been prepared in accordance with generally accepted geotechnical engineering practices in the area for the use of the client for design purposes. The conclusions and recommendations included within the report are based on information obtained from the borings drilled at the approximate locations indicated on the site plan, the data obtained from field and laboratory testing and our experience in the area. Variations in the subsurface conditions may not become evident until additional excavation or exploration is conducted. If subsurface conditions or the proposed construction is significantly different from what is described above, we should be notified to reevaluate our recommendations.

APPLIED GEOTECHNICAL ENGINEERING CONSULTANTS, INC.

Christopher J. Beckman, P.E.

Reviewed by Douglas R. Hawkes, P.E., P.G.

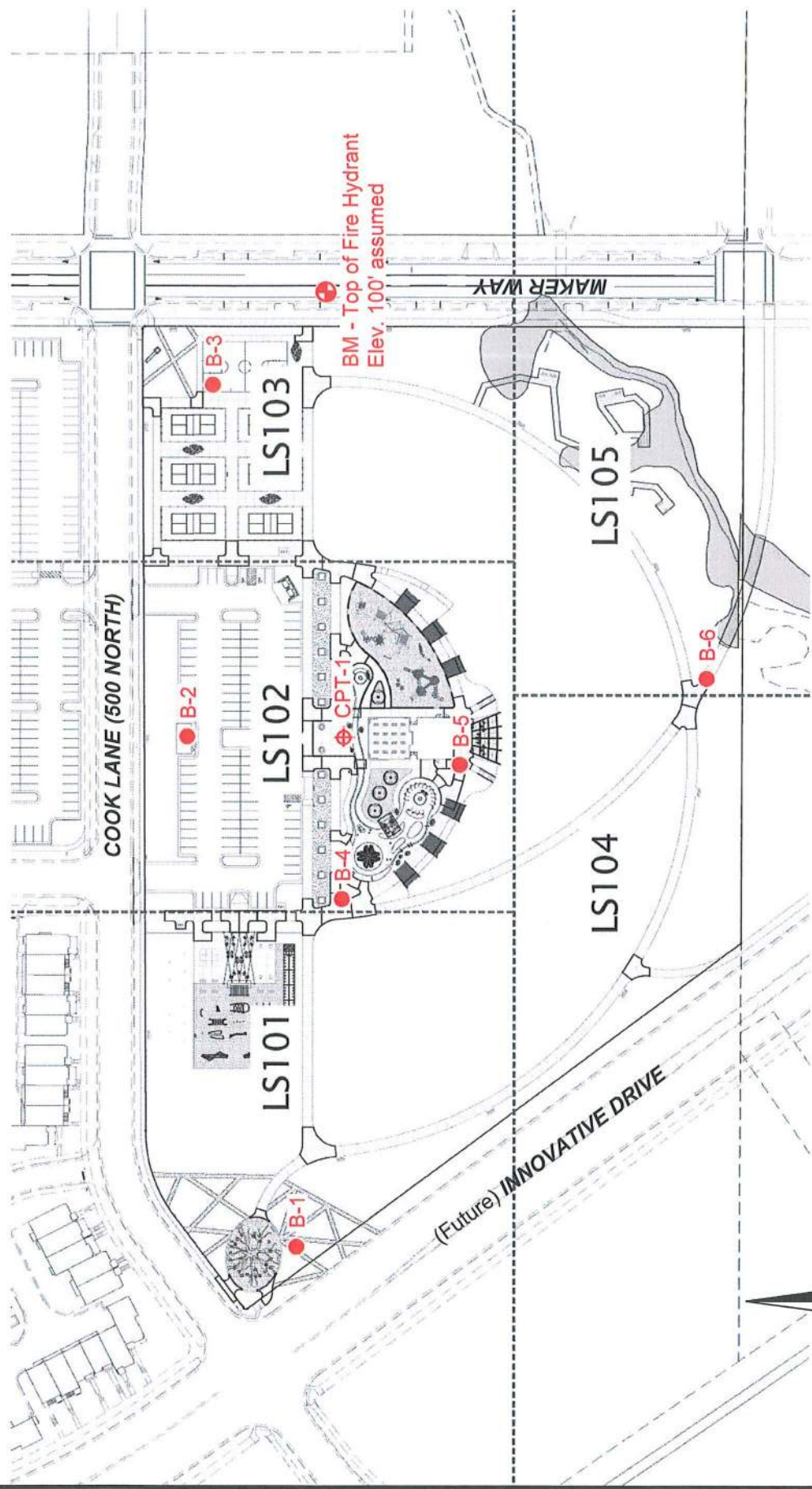
CJB/rs

**REFERENCES**

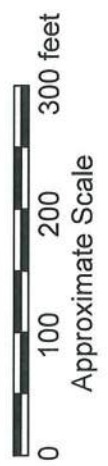
Anderson, L.R., Keaton, J.R., Aubrey, K. and Ellis, S., 1994; Liquefaction Potential Map for Davis County, Utah; Utah Geological Survey Contract Report 94-7.

International Code Council, 2020; 2021 International Building Code, Falls Church, Virginia.

Utah Geological Survey, 2023; Utah Geologic Hazards Portal accessed April 23, 2024, at <http://geology.utah.gov/apps/hazards/>.



IVY ACRES PARK  
 1397 WEST COOK LANE  
 FARMINGTON, UTAH



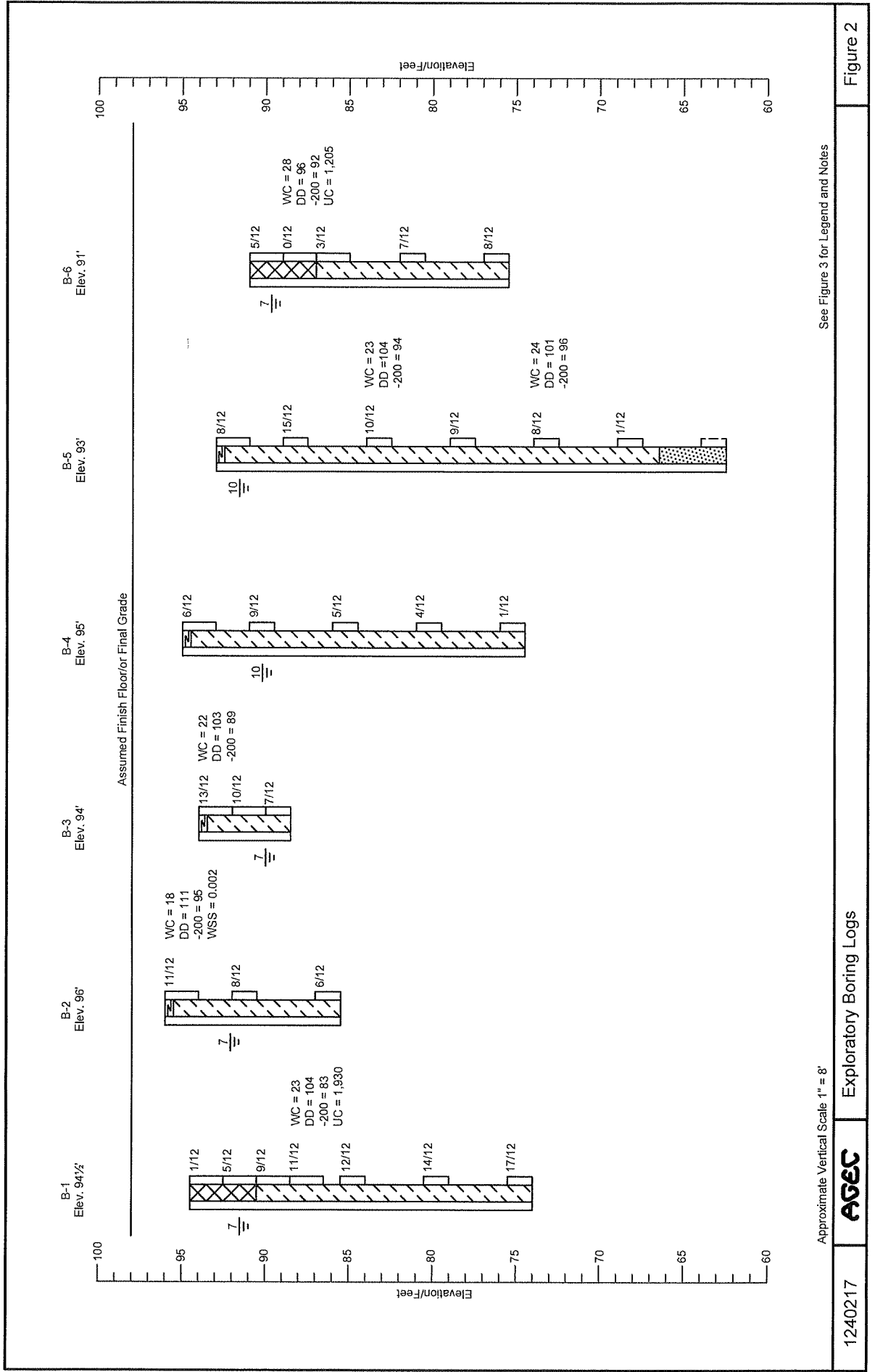
1240217



Approximate Exploratory Boring and CPT Locations

Figure 1





See Figure 3 for Legend and Notes

Approximate Vertical Scale 1" = 8'

LEGEND:



Fill; clay and silt, moist to very moist, light brown.



Topsoil; lean clay, moist to very moist, brown to dark brown, roots and organics.



Lean Clay (CL); occasional thin silt and sand layers, soft to medium stiff, moist to wet, light brown to dark brown to gray.



Poorty Graded Sand (SP); some silt, medium dense, wet, dark gray.



California Drive sample taken. The symbol 10/12 indicates that 10 blows from a 140-pound automatic hammer falling 30 inches were required to drive the sampler 12 inches.



Indicates disturbed sample taken.



Indicates spotted 1½-inch PVC pipe installed in the boring to the depth shown.

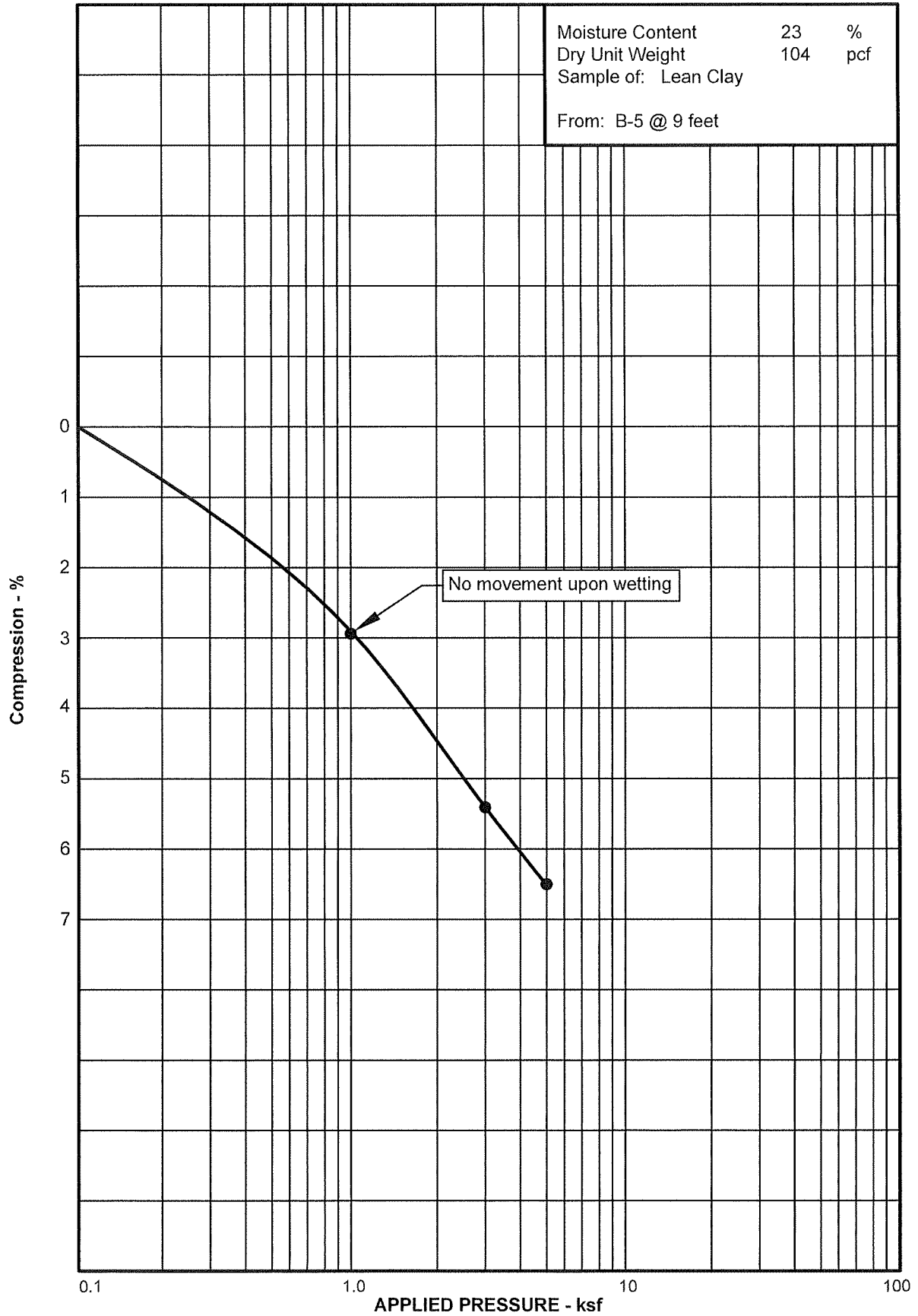


Indicates the depth to free water and number of days after drilling the measurement was taken.

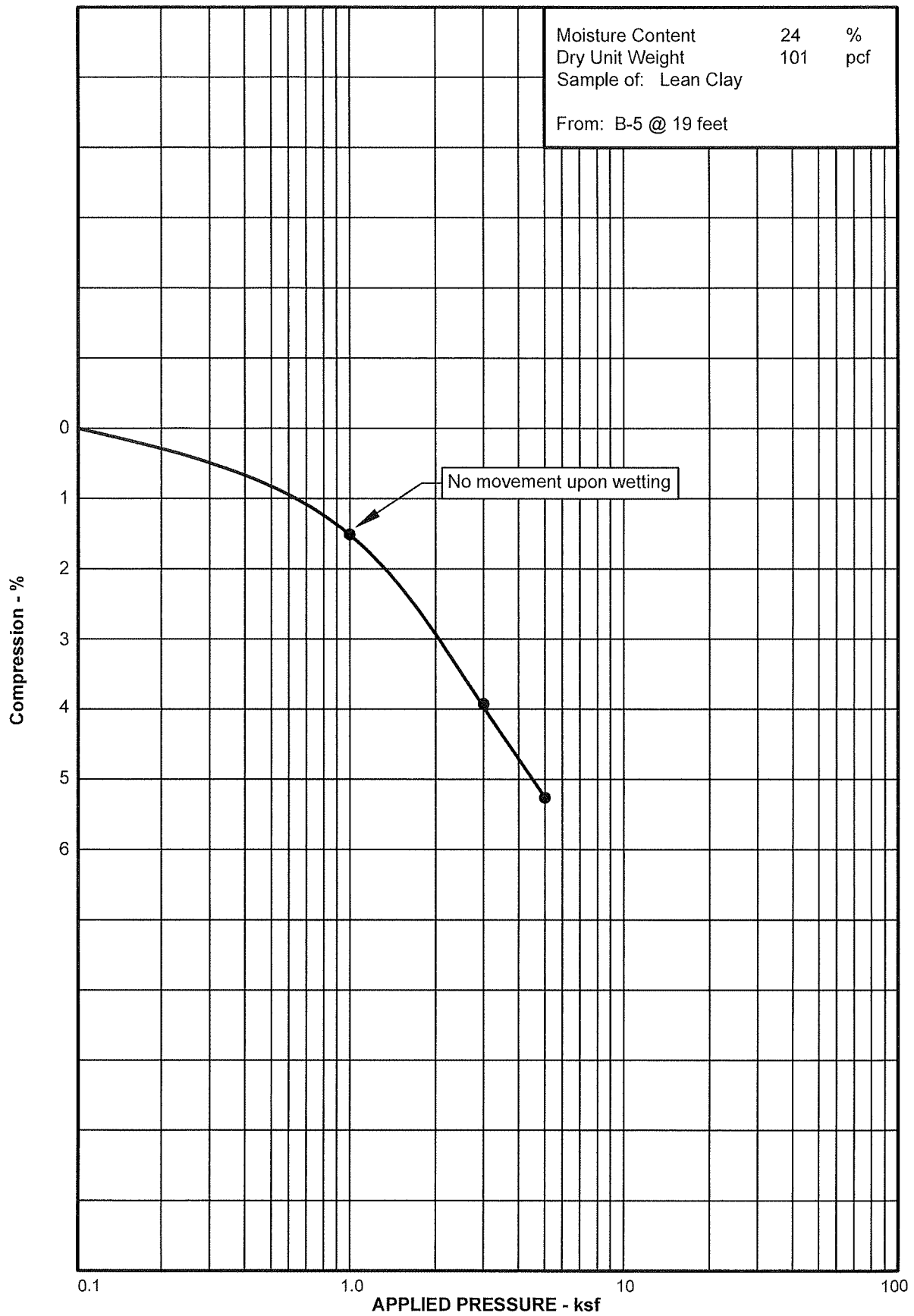
NOTES:

1. The borings were drilled on April 19 and 22, 2024 with direct push.
2. Locations of the borings were measured approximately by pacing from features shown on Figure 1.
3. Elevations of the borings were measured by automatic level and refer to the benchmark shown on Figure 1.
4. The boring locations and elevations should be considered accurate only to the degree implied by the method used.
5. The lines between materials shown on the boring logs represent the approximate boundaries between material types and the transitions may be gradual.
6. The water level readings shown on the logs were made at the time and under the conditions indicated. Fluctuations in the water level will occur with time.
7. WC = Water Content (%);  
 DD = Dry Density (pcf);  
 +4 = Percent Retained on the No. 4 Sieve;  
 -200 = Percent Passing the No. 200 Sieve;  
 UC = Unconfined Compressive Strength (psf);  
 WSS = Water Soluble Sulfates (%).

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## APPENDIX

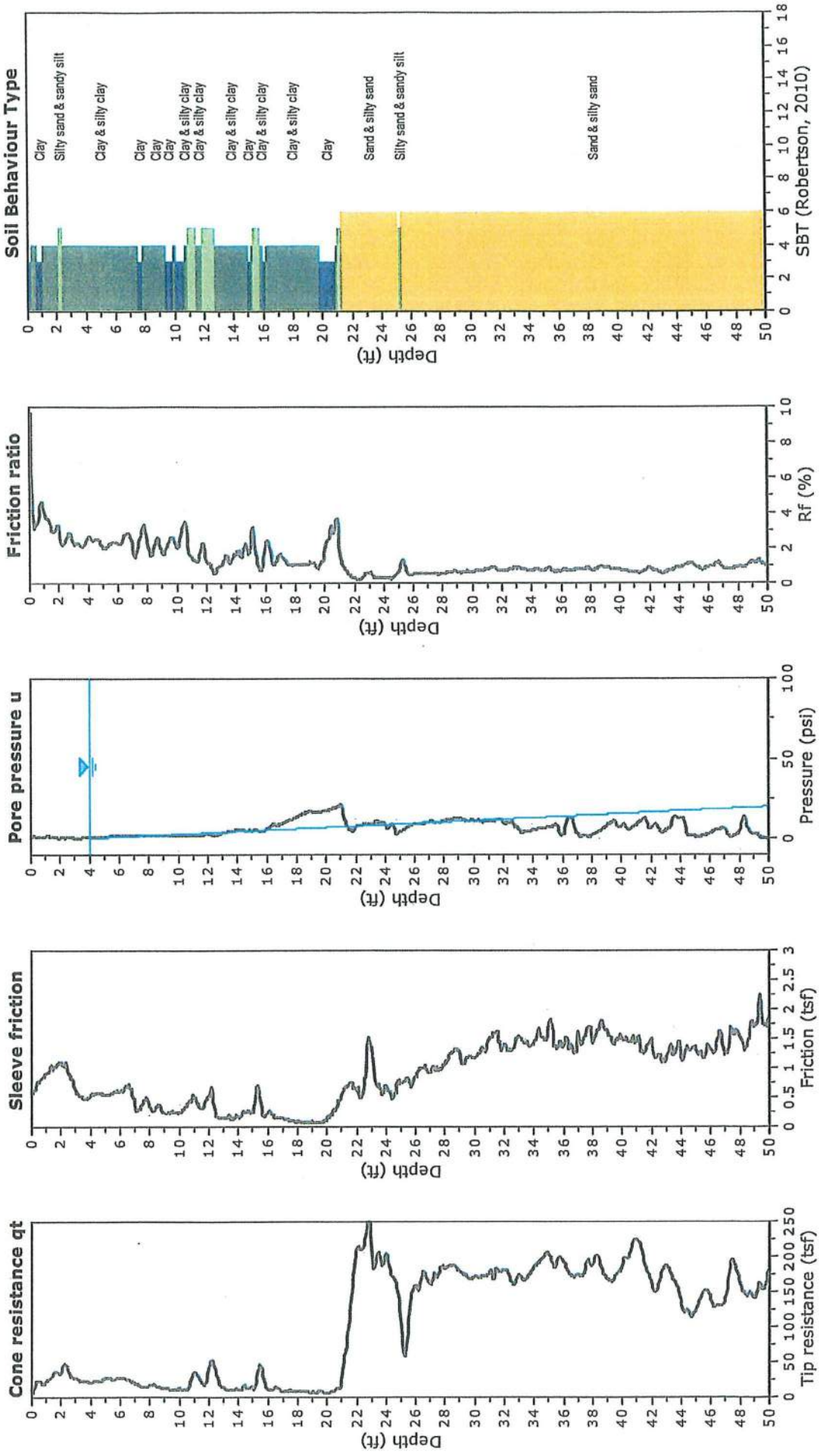
### CONE PENETRATION TEST RESULTS



600 West Sandy Parkway  
Sandy, UT 84070

Project: 1240217  
Location: Ivy Acres Park

**CPT: CPT-1**  
Total depth: 51.31 ft, Date: 4/18/2024  
Surface Elevation: 95.00 ft  
Coords: X:0.00, Y:0.00  
Cone Type: Nova  
Cone Operator: Nathan Salazar and Jason Staker





600 West Sandy Parkway  
Sandy, UT 84070

**CPT: CPT-2**  
Total depth: 50.20 ft, Date: 4/18/2024  
Surface Elevation: 94.50 ft  
Coords: X:0.00, Y:0.00

Project: 1240217

Location: Ivy Acres Park

Cone Operator: Nathan Salazar and Jason Staker

Cone Type: Nova

