

MIDWAY CITY

Planning Office

75 North 100 West
Midway, Utah 84049

Phone: 435-654-3223 x105
Fax: 435-654-2830
mhenke@midwaycityut.org

Midway Water Advisory Application

Applicant or Authorized Representative:

Name: Cari Lane LLC & Jeremy Clark Phone: 719-330-7854 Fax: _____

Mailing Address: P.O. Box 195 City: Midway State: Utah Zip: 84049

E-mail Address: clarkjl229@gmail.com

Project Name: Whispering Creek

Location: 515 West Cari Lane

Total Acreage: 4.54 Number of Units: 5 Historically Irrigated Area: 4.54

Existing Water Connections: 1
Water Rights Required = culinary + irrigation - existing home =

Comments: = $5.60 + 8.37 - 1.50 = 12.47$ ac-ft = 4.25 shares

Inside use water rights = 7×0.80 ac-ft/home = 5.60 ac-ft

Total lot area = 3.86 acres

Irrigated area in lots = $3.86 - 7(0.18) = 2.60$ acres

Irrigated planter strip in ROW = 0.19 acres

Irrigation water rights = $(2.60 + 0.19) \times 3 = 8.37$ ac-ft

Please submit with application Site Plans, Plat Maps, Drawings or any information that pertains to water calculations.

Please read and sign before application submittal

I declare under penalty of perjury that I am the owner or authorized agent of the property subject to this request and the foregoing statements, answers and attached documents are true and correct. As the applicant for this proposal, I understand that my application is not deemed complete until the Planning Office has reviewed the application. I further understand I will be notified when my application has been deemed complete. At that time, I expect that my application will be processed within a reasonable time.

Signature of Owner or Agent: _____ Date: _____

FOR OFFICE USE ONLY

STAFF:

Date Received: _____

Received By: _____

Fee Paid: _____

Application Number: _____

Zone: _____

Tax ID Number: _____

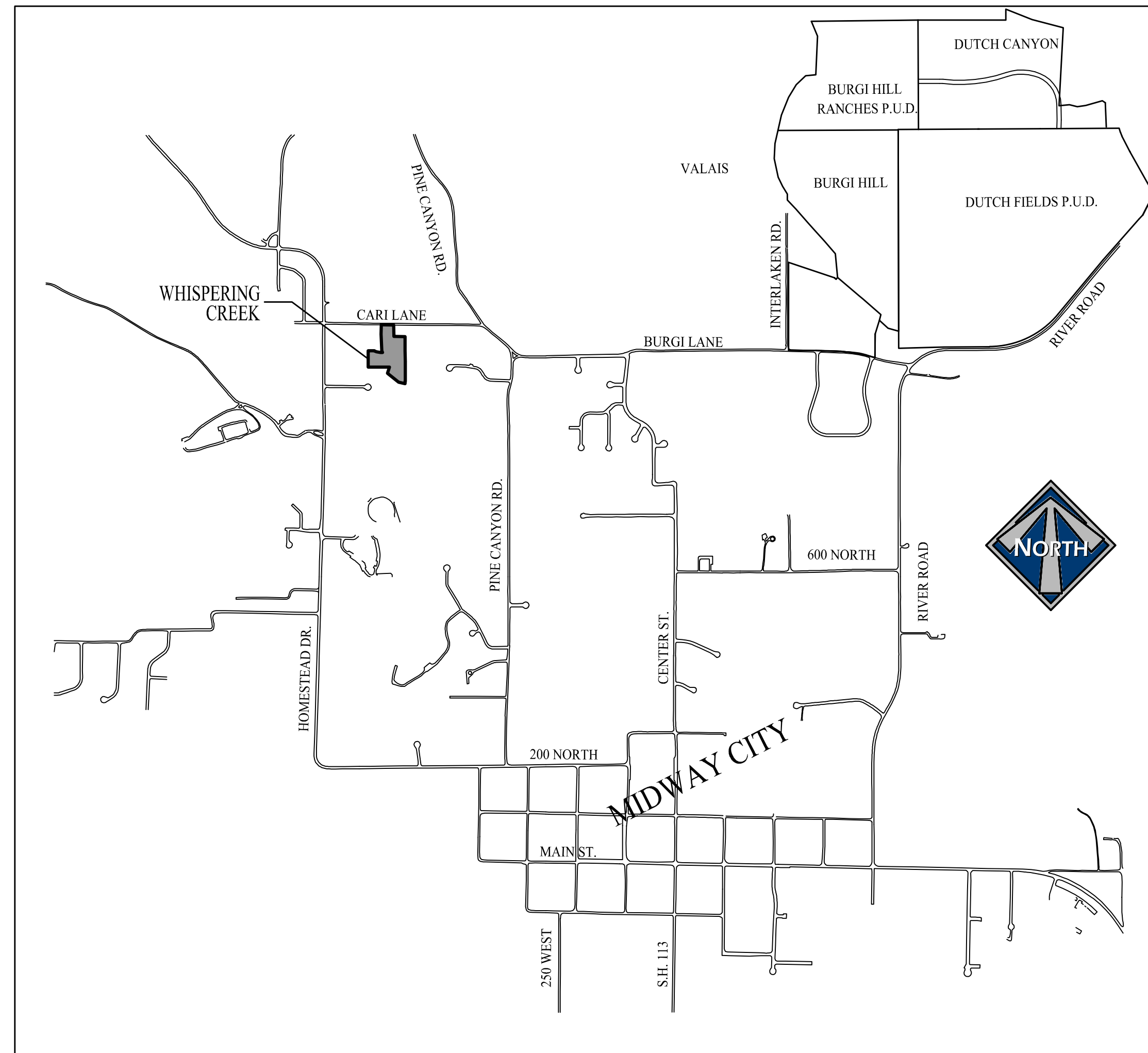
PLANNER:

Complete / Incomplete

Date: _____ Reviewed by: _____

WHISPERING CREEK

PRELIMINARY PLAN



VICINITY MAP

SHEET INDEX

- C01. EXISTING CONDITIONS/SENSITIVE LANDS MAP
- C02. SITE PLAN
- C03. UTILITY PLAN
- C04. STORM DRAIN PLAN

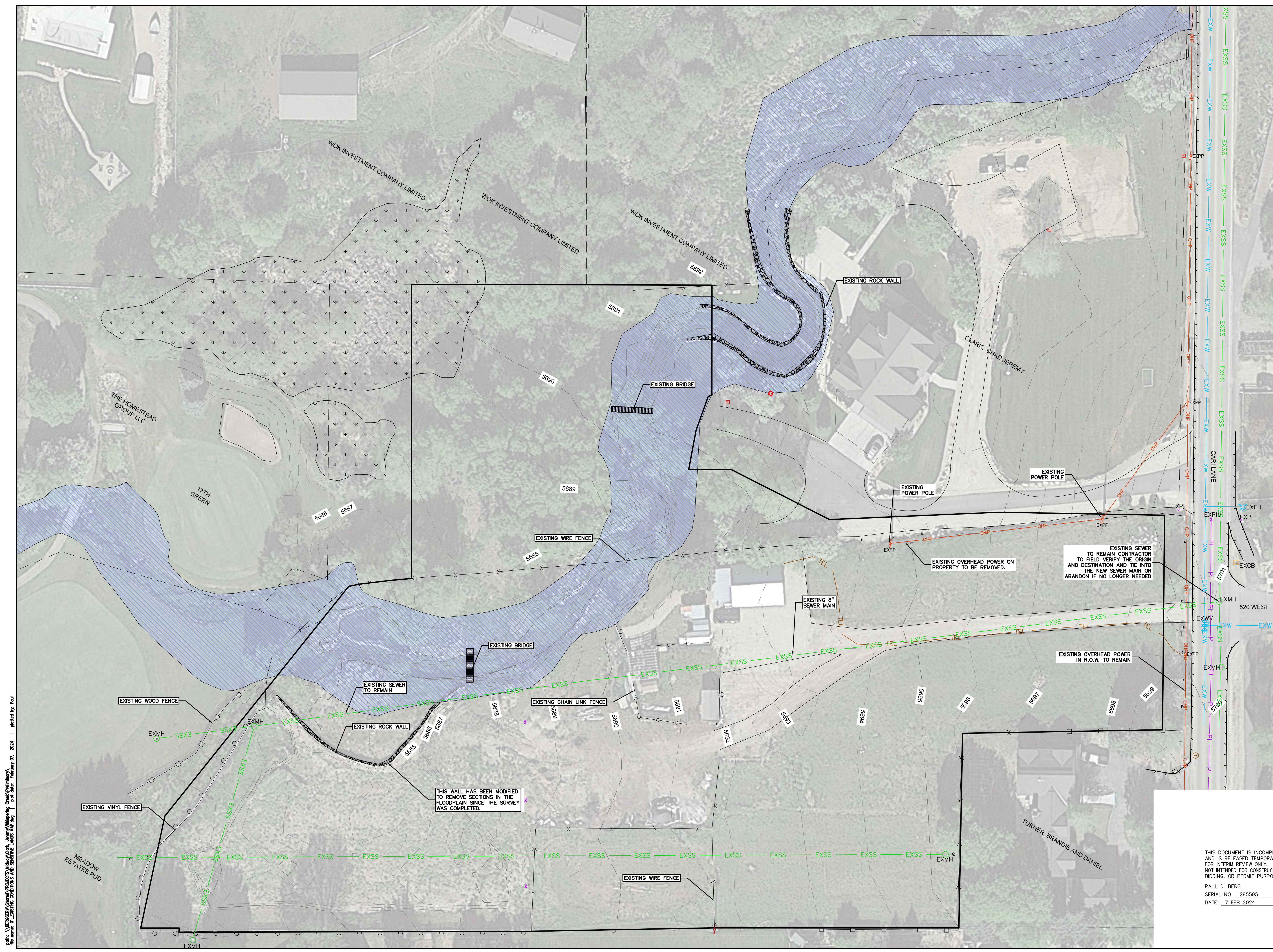
- L01. LANDSCAPE PLAN

I:\Projects\2024\Whispering Creek\Drawings\Site\01_Vicinity Map.dwg | Plot Date: February 07, 2024 | Plotted by: Paul

THIS DOCUMENT IS INCOMPLETE
 AND IS RELEASED TEMPORARILY
 FOR INTERIM REVIEW ONLY. IT IS
 NOT INTENDED FOR CONSTRUCTION,
 BIDDING, OR PERMIT PURPOSES.
 PAUL D. BERG P.E.
 SERIAL NO. 295595
 DATE: 7 FEB 2024

JEREMY CLARK WHISPERING CREEK		
COVER		
 BERG ENGINEERING 380 E Main St. Suite 204 Midway, Ut 84049 ph 435.657.9749		
DESIGN BY: PDB DRAWN BY: DEJ	DATE: 7 FEB 2024 REV:	SHEET 0

WHISPERING CREEK - PRELIMINARY PLAN - 7 FEBRUARY 2024



LEGEND

	FEMA FLOODPLAIN
	WETLANDS
	EXPI EXISTING PRESSURIZED IRRIGATION
	EXW EXISTING WATER
	EXSS EXISTING SEWER
	EXSD EXISTING STORM DRAIN
	OHP EXISTING OVERHEAD POWER
	TEL EXISTING TELEPHONE LINE
	EXFH EXISTING FIRE HYDRANT
	EXCL EXISTING CHAIN LINK FENCE
	EXVF EXISTING VINYL FENCE
	EXWF EXISTING WIRE FENCE
	EXWD EXISTING WOOD FENCE

PREVIOUS WETLANDS DISTURBANCES NEAR THE SNAKE CREEK CHANNEL HAVE BEEN CORRECTED. PLEASE SEE THE LETTER FROM FRONTIER CORPORATION ENVIRONMENTAL CONSULTANTS FOR MORE INFORMATION.

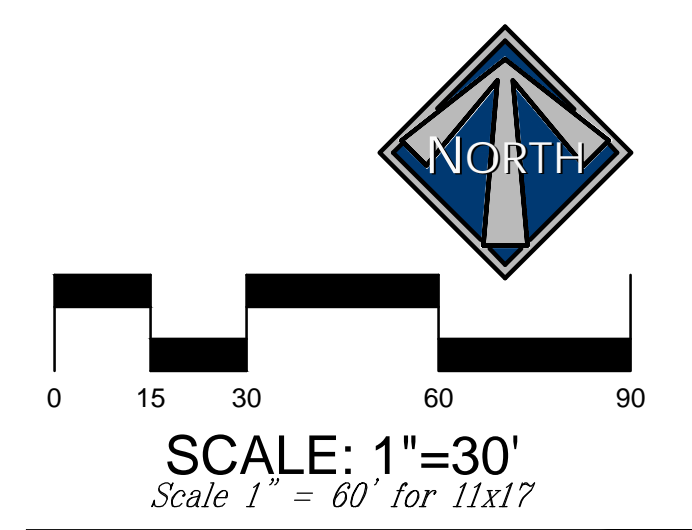
BLUE STAKE NOTE:
 • LOCATION OF EXISTING UTILITIES SHOWN ON PLAN ARE APPROXIMATE AND MAY BE INCOMPLETE. CONTRACTOR IS RESPONSIBLE FOR BLUE STAKING OF UTILITIES.

EXISTING SEWER TO REMAIN CONTRACTOR TO FIELD VERIFY THE ORIGIN AND DESTINATION AND TIE INTO THE NEW SEWER MAIN OR ABANDON IF NO LONGER NEEDED

EXISTING OVERHEAD POWER ON PROPERTY TO BE REMOVED.

EXISTING OVERHEAD POWER IN R.O.W. TO REMAIN

THIS WALL HAS BEEN MODIFIED TO REMOVE SECTIONS IN THE FLOODPLAIN SINCE THE SURVEY WAS COMPLETED.



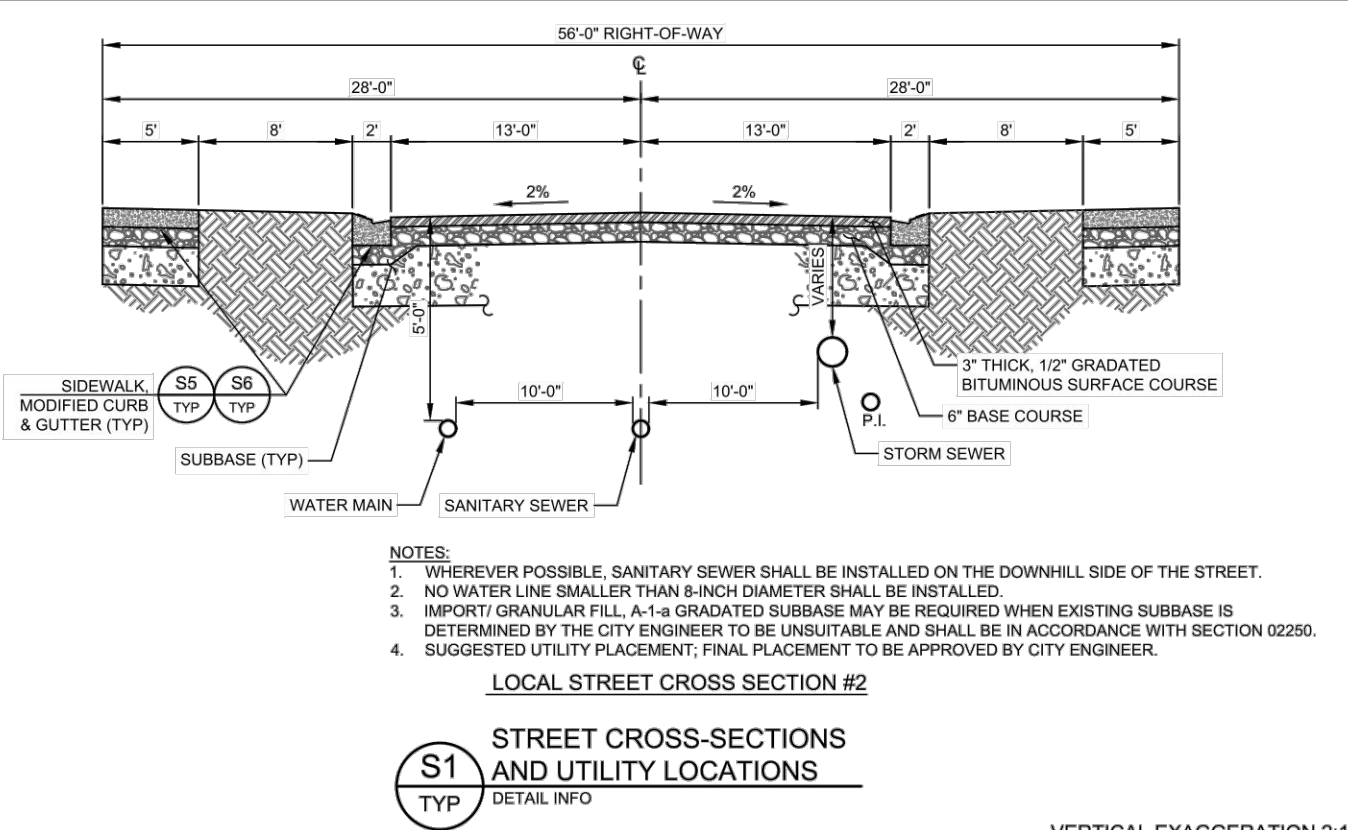
JEREMY CLARK
 WHISPERING CREEK
 EXISTING CONDITIONS AND
 SENSITIVE LANDS MAP



DESIGN BY: PDB DATE: 7 FEB 2024 SHEET: 1
 DRAWN BY: DEJ REV: 1

path: \\P:\Projects\2024\Projects\Whispering Creek\Map\Map.dwg | plot date: February 07, 2024 | plotted by: Paul
 file name: EXISTING CONDITIONS AND SENSITIVE LANDS MAP.dwg

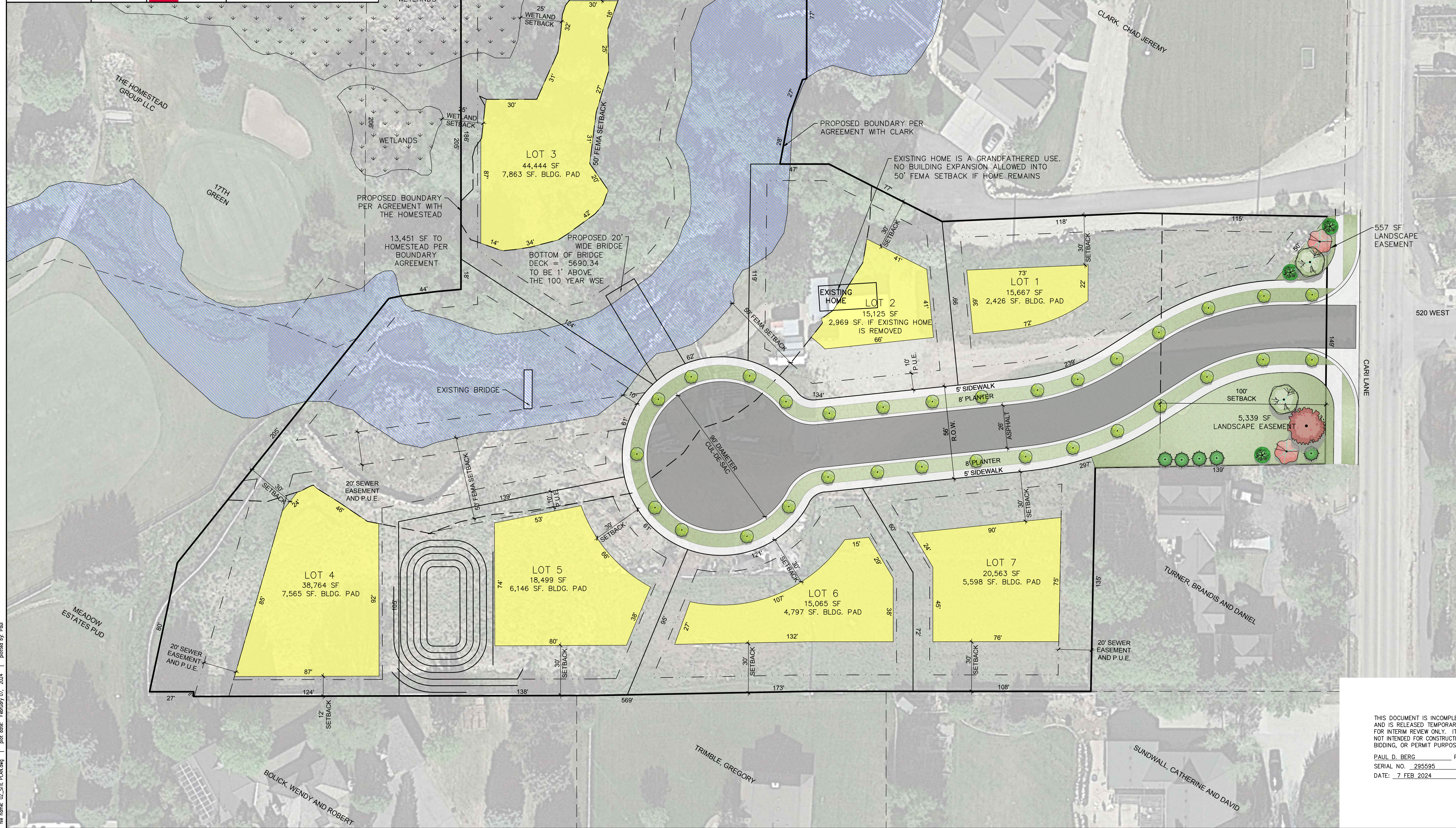
THIS DOCUMENT IS INCOMPLETE AND IS RELEASED TEMPORARILY FOR INTERIM REVIEW ONLY. IT IS NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
 PAUL D. BERG P.E.
 SERIAL NO. 295595
 DATE: 7 FEB 2024



HORROCKS ENGINEERS
JULY 2022
70 WEST 100 SOUTH
HEBER CITY, UTAH 84002
435.664.2508

MIDWAY CITY STANDARD DRAWING
STREETS - 1

MIDWAY CITY
70 NORTH 100 WEST
PO BOX 217
MIDWAY, UTAH 84049
(435) 864-3223



LEGEND

- FEMA FLOODPLAIN
- WETLANDS
- BUILDING PAD
- SETBACKS
- P.U.E.

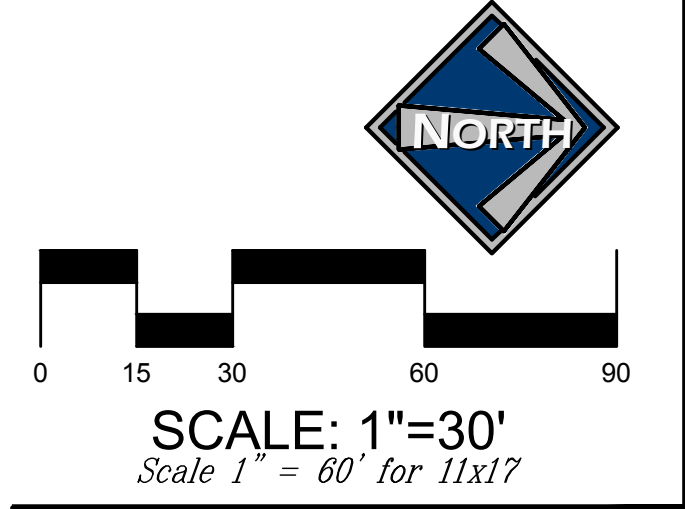
LAND USE SUMMARY

TOTAL AREA	4.54 AC
ZONE	R-1-15
MIN. LOT SIZE	15,000 SF
MIN. LOT WIDTH	100'
SETBACKS	
FRONT	30'
REAR	30'
SIDE	12'
# OF LOTS	7

SUBDIVISION NOTES:

- PARCELS 06-1817, 20-0483 AND THE COSPER SUBDIVISION ARE INCLUDED IN THIS SUBDIVISION.
- THE COSPER SUBDIVISION WILL BE VACATED AS PART OF THIS SUBDIVISION PLAN.
- OPEN SPACE IS NOT REQUIRED SINCE THIS SUBDIVISION IS LESS THAN 6 ACRES.

BRIDGE NOTE:
PLEASE SEE THE STUDY COMPLETED BY RIMROCK ENGINEERING FOR DETAILS REGARDING THE FEMA FLOODPLAIN AND ELEVATIONS NEEDED FOR THE BRIDGE TO LOT 3.



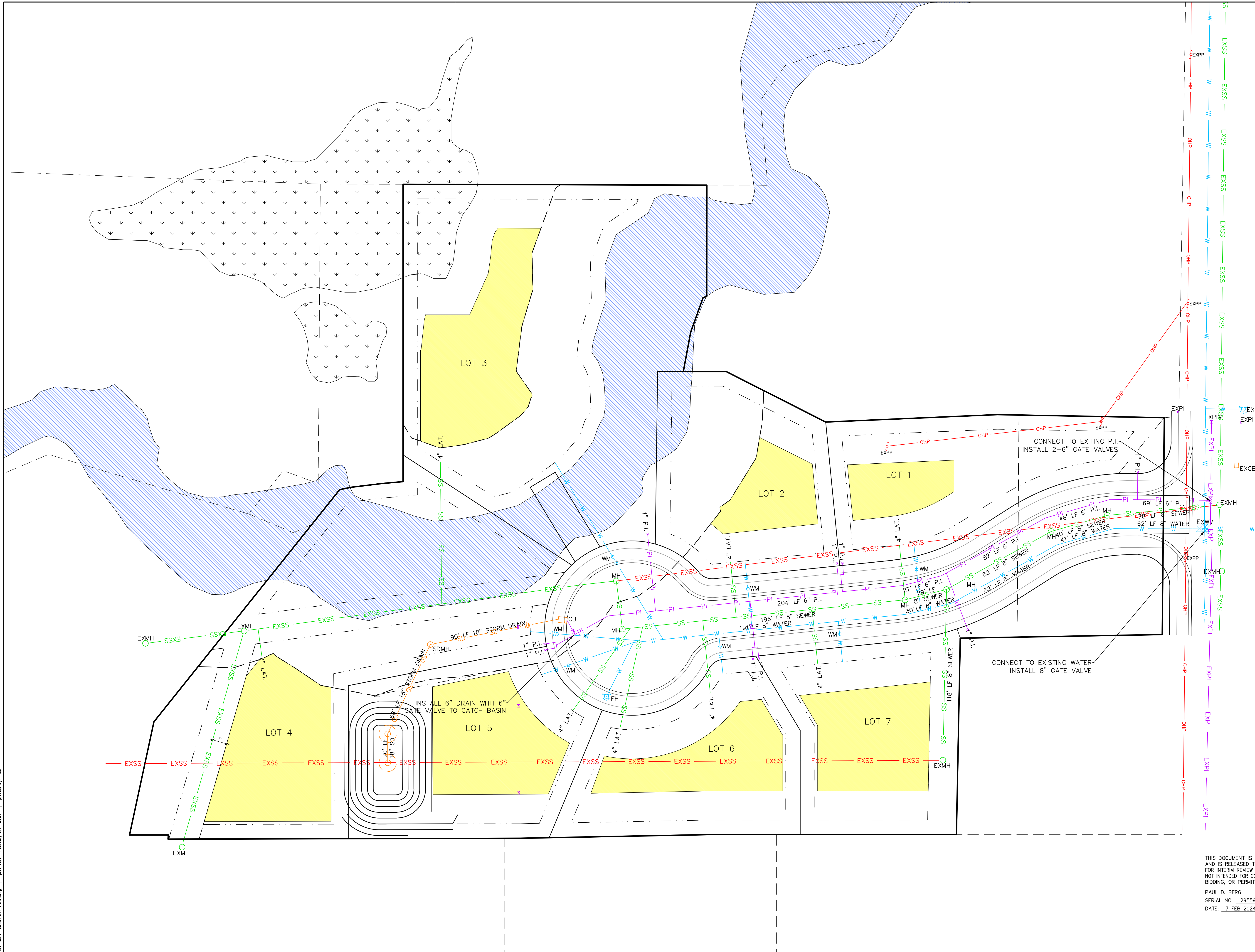
JEREMY CLARK
WHISPERING CREEK
SITE PLAN

BERG ENGINEERING
380 E Main St. Suite 204
Midway, UT 84049
ph 435.657.9749

DESIGN BY: PDB DATE: 7 FEB 2024 SHEET
DRAWN BY: DEJ REV: 2

This document is the property of Berg Engineering, Inc. It is to be used only for the project and site identified on the drawing. It is not to be used for any other project or site. If you are not the intended recipient, you should not disseminate, distribute or copy this document. Please notify us immediately if you have received this document by mistake and delete this document from your system. If you are not the intended recipient you should notify us immediately. We warrant that the information contained in this document is true and correct to the best of our knowledge and belief. Copyright © 2024 Berg Engineering, Inc. All rights reserved.

path: \\BERGSEVA\Share\Projects\Water\Clark, Jeremy\Whispering Creek\Drawings\ Utility Plan.dwg | plot date: February 02, 2024 | plotted by: Paul



LEGEND

	FEMA FLOODPLAIN
	WETLANDS
	BUILDING PAD
	SETBACKS
	PUBLIC UTILITY EASEMENT (P.U.E.)
	EXISTING PRESSURIZED IRRIGATION
	EXISTING WATER
	EXISTING SEWER
	EXISTING SEWER TO BE REMOVED
	EXISTING STORM DRAIN
	EXISTING OVERHEAD POWER
	PROPOSED 6" PRESSURIZED IRRIGATION
	PROPOSED 8" WATER
	PROPOSED 8" SEWER
	PROPOSED 18" STORM DRAIN
	PROPOSED 1" WATER METER
	PROPOSED FIRE HYDRANT

BLUE STAKE NOTE:

- LOCATION OF EXISTING UTILITIES SHOWN ON PLAN ARE APPROXIMATE AND MAY BE INCOMPLETE. CONTRACTOR IS RESPONSIBLE FOR BLUE STAKING OF UTILITIES.

SEWER NOTES:

- ALL SEWER IMPROVEMENTS SHALL MEET MIDWAY SANITATION DISTRICT STANDARDS & SPECIFICATIONS.

WATER NOTES:

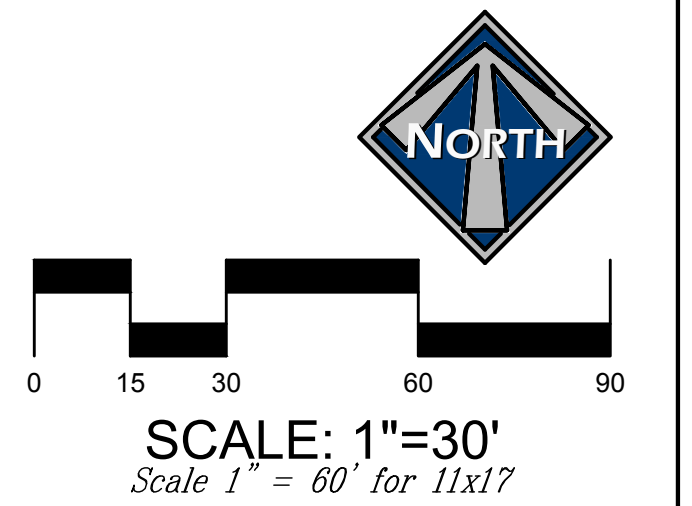
- ALL WATER IMPROVEMENTS SHALL MEET MIDWAY CITY STANDARDS AND SPECIFICATIONS.
- ALL LOTS WILL HAVE A 1" WATER SERVICE.

PRESSURIZED IRRIGATION NOTES:

- ALL PRESSURIZED IRRIGATION IMPROVEMENTS SHALL MEET MIDWAY IRRIGATION COMPANY STANDARDS & SPECIFICATIONS.
- ALL PRESSURIZED IRRIGATION MAIN SHALL BE C-900 DR-18 PURPLE PIPE.

STORM DRAIN NOTES:

- ALL STORM DRAIN CONSTRUCTION TO MEET MIDWAY CITY STANDARDS.



JEREMY CLARK
WHISPERING CREEK

UTILITY PLAN

BERG ENGINEERING
380 E Main St. Suite 204
Midway, Ut 84049
ph 435.657.9749

THIS DOCUMENT IS INCOMPLETE AND IS RELEASED TEMPORARILY FOR INTERIM REVIEW ONLY. IT IS NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

PAUL D. BERG P.E.
SERIAL NO. 295595
DATE: 7 FEB 2024

DESIGN BY: PDB DATE: 7 FEB 2024 SHEET 3
DRAWN BY: DEJ REV:

**Whispering Creek
Storm Drain Runoff Calculations**

February 7, 2024

Runoff from the road and lots adjacent to the road will be collected in the retention pond.
A percolation rate of 4.0 inches per hour assumed for silty sand (SM).
A 6' sump has a total volume of 587 cf.
A 6' sump has a percolation rate of 0.035 cfs with a percolation rate of 4.0 inches / hour.

Table 1 - Runoff Coefficient

Drainage Area	Total Collected Area (acres)	C = 0.95 Building Pads (acres)	C = 0.90 Streets and Sidewalks (acres)	C = 0.20 Landscaped Areas (acres)	Composite Runoff Coefficient
A	2.33	0.39	0.50	1.44	0.48

Table 2 - 100 Year Storm Peak Runoff and Volume

Time Period (min)	Rainfall Intensity (in/hr)	Area (acres)	Developed Runoff Coefficient	Peak Runoff Rate (cfs)	Total Runoff Volume (cf)
15	4.08	2.33	0.48	4.52	4,070
30	2.76	2.33	0.48	3.06	5,507
60	1.71	2.33	0.48	1.90	8,824
120	0.96	2.33	0.48	1.06	7,662
180	0.65	2.33	0.48	0.72	7,782
360	0.35	2.33	0.48	0.39	8,380
720	0.21	2.33	0.48	0.23	10,056
1440	0.13	2.33	0.48	0.14	12,451

Table 3 - Retention Pond Design

Time Period (min)	Total Runoff Volume (cf)	Soil Percolation Rate (inch/hour)	2 - 6' Sump Volume (cf)	Percolation from Sump (cf)	Storage Needed in Pond (cf)
15	4,070	3.0	1,174	63	2,833
30	5,507	3.0	1,174	126	4,207
60	6,824	3.0	1,174	252	5,398
120	7,662	3.0	1,174	504	5,984
180	7,782	3.0	1,174	756	5,852
360	8,380	3.0	1,174	1,512	5,694
720	10,056	3.0	1,174	3,024	5,858
1440	12,451	3.0	1,174	6,048	5,229

Table 4 - Retention Pond Storage Volume

Elevation	Pond Depth (ft)	Pond Area (sf)	Pond Volume (cf)
83	0.00	0	0
84	1.00	946	479
85	2.00	1,513	1,709
86	3.00	2,180	3,555
87	4.00	2,948	6,119
88	5.00	3,817	9,502

contains the 100 year storm 1' of freeboard

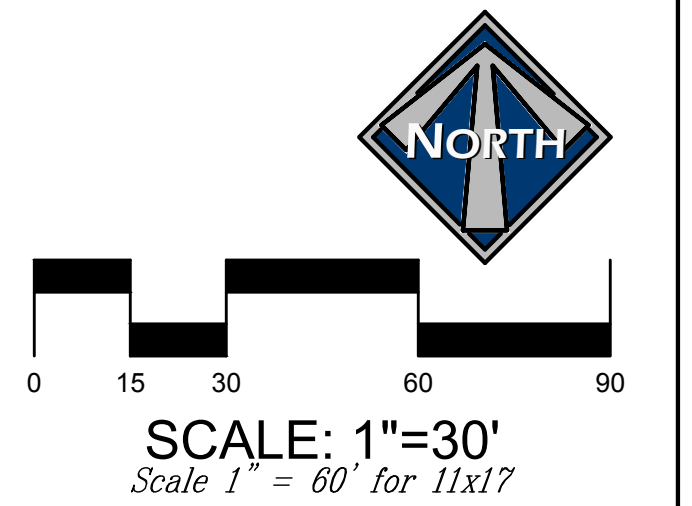
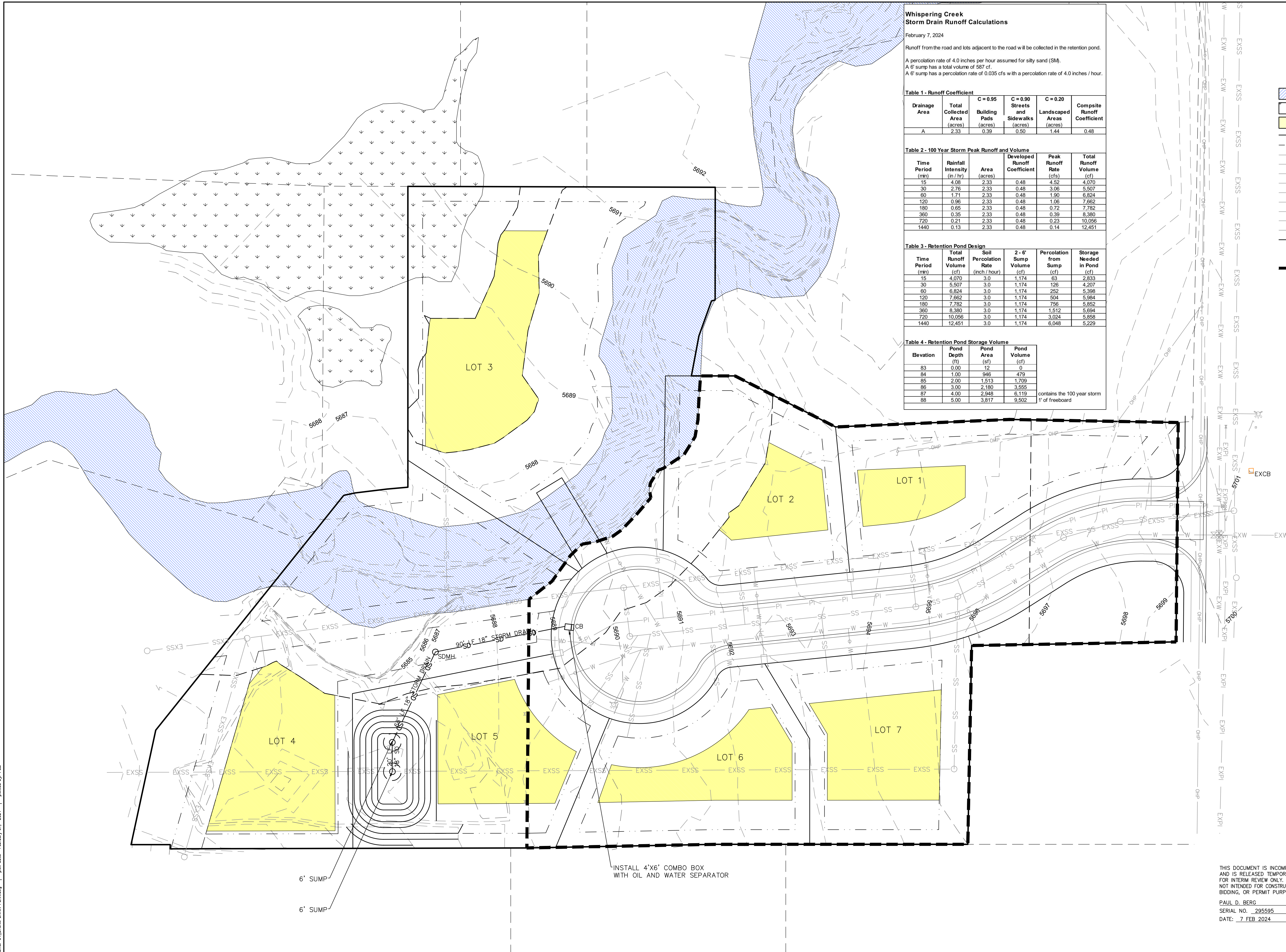
- LEGEND**
- FEMA FLOODPLAIN
 - WETLANDS
 - BUILDING PAD
 - SETBACKS
 - PUBLIC UTILITY EASEMENT (P.U.E.)
 - EXISTING PRESSURIZED IRRIGATION
 - EXISTING WATER
 - EXISTING SEWER
 - EXISTING SEWER TO BE REMOVED
 - EXISTING STORM DRAIN
 - EXISTING OVERHEAD POWER
 - PROPOSED 6" PRESSURIZED IRRIGATION
 - PROPOSED 8" WATER
 - PROPOSED 8" SEWER
 - PROPOSED 18" STORM DRAIN
 - PROPOSED WATER METER
 - PROPOSED FIRE HYDRANT
 - STORM DRAIN AREA

BLUE STAKE NOTE:

- LOCATION OF EXISTING UTILITIES SHOWN ON PLAN ARE APPROXIMATE AND MAY BE INCOMPLETE. CONTRACTOR IS RESPONSIBLE FOR BLUE STAKING OF UTILITIES.

STORM DRAIN NOTES:

- ALL STORM DRAIN CONSTRUCTION TO MEET MIDWAY CITY STANDARDS.



JEREMY CLARK
WHISPERING CREEK

STORM DRAIN PLAN

BERG ENGINEERING
380 E Main St. Suite 204
Midway, Ut 84049
ph 435.657.9749

DESIGN BY: PDB DATE: 7 FEB 2024 SHEET 4
DRAWN BY: DEJ REV:

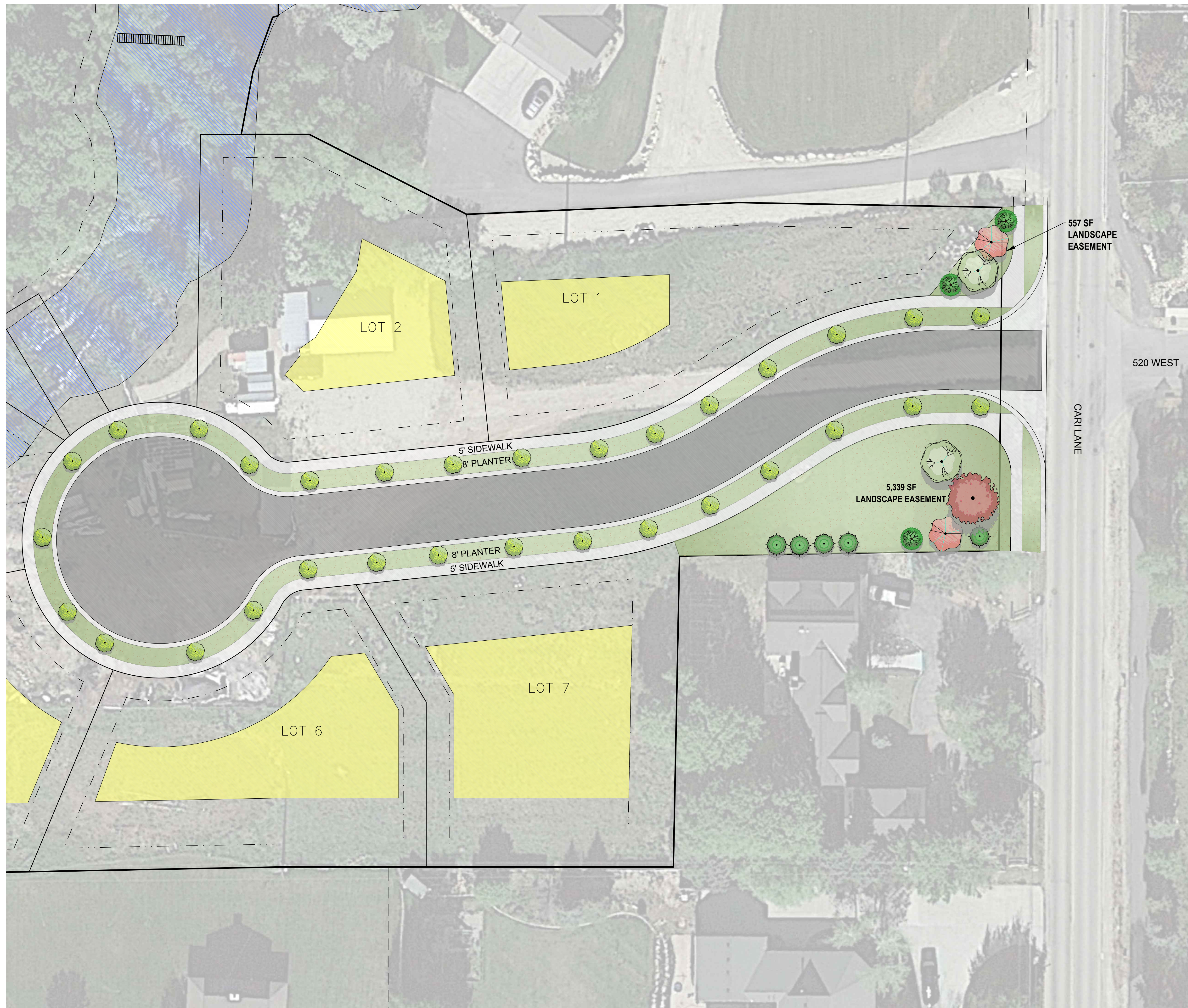
path: \\BERGSEVA\Share\Projects\Whispering Creek\Jeremy\Whispering Creek\Print\Print.mxd
 file name: 04_STORM DRAIN PLAN.dwg
 plot date: February 07, 2024
 plotted by: Paul

THIS DOCUMENT IS INCOMPLETE AND IS RELEASED TEMPORARILY FOR INTERIM REVIEW ONLY. IT IS NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

PAUL D. BERG P.E.
SERIAL NO. 295595
DATE: 7 FEB 2024

INSTALL 4'X6' COMBO BOX WITH OIL AND WATER SEPARATOR

6' SUMP
6' SUMP



LEGEND

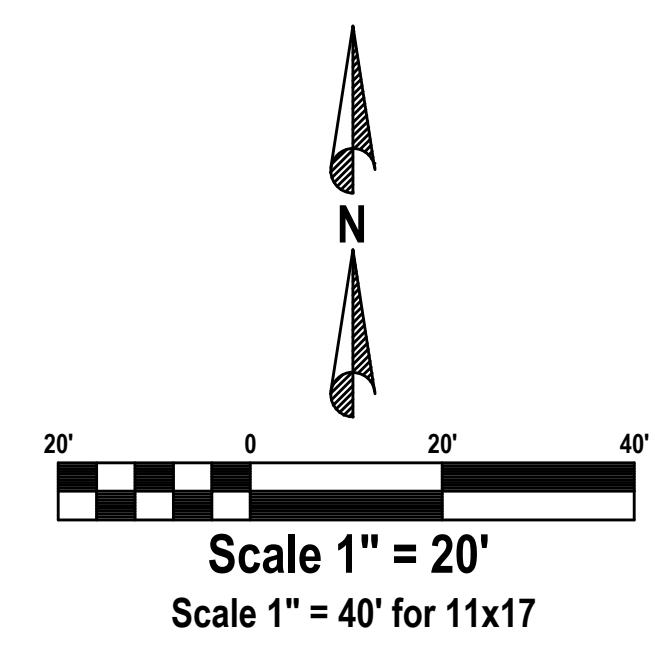
	FEMA FLOODPLAIN
	WETLANDS
	BUILDING PAD
	SETBACKS
	P.U.E.

LANDSCAPE NOTES PER MIDWAY CITY CODE:

- DECIDUOUS TREES MUST BE 2" CALIPER AT TIME OF INSTALL.
- CONIFEROUS TREES MUST BE MINIMUM OF 6' AT TIME OF INSTALL.

PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE
TREES						
	1	<i>Acer freemanii</i> 'Autumn Blaze'	Autumn Blaze Maple	B&B	2"	Cal
	31	<i>Fagus sylvatica</i> 'Fastigiata'	Columnar Green Beech	B&B	2"	Cal
	2	<i>Malus x</i> 'Spring Snow'	Spring Snow Crab Apple	B&B	2"	Cal
	2	<i>Prunus virginiana</i> 'Canada Red'	Canada Red Chokecherry	B&B	2"	Cal
EVERGREEN TREES						
	3	<i>Abies lasiocarpa</i> 'Glauca Compacta'	Subalpine Fir	B&B		8-10'
	5	<i>Pinus flexilis</i> 'Vanderwolf's Pyramid'	Vanderwolf's Pyramid Pine	B&B		6'
GROUND COVERS						
	14,390 sf	<i>Poa pratensis</i>	Kentucky Bluegrass	sod		



THIS DOCUMENT IS RELEASED FOR REVIEW ONLY. IT IS NOT INTENDED FOR CONSTRUCTION UNLESS SIGNED AND SEALED.

BRYAN M. NICHOLAS, P.L.A.
SERIAL NO. 12902936-5301
DATE: 7 FEB 2024

**JEREMY CLARK
WHISPERING CREEK**

LANDSCAPE PLAN

380 E Main St, Suite 204
Midway, UT 84049 ph. (801) 723-2000

DESIGN BY: PDB	DATE: 7 FEB 2024	SHEET L01
DRAWN BY: DAA	REV: 00	