

# PLANNING COMMISSION MEETING STAFF REPORT

DATE OF MEETING:	March 14, 2023
NAME OF PROJECT:	Springer Farms
PROPERTY OWNER:	Atlas Holdings and Travis Nokes
AUTHORIZED REPRESENTATIVE:	Travis Nokes
AGENDA ITEM:	Springer Farms Commercial Planned Unit Development
LOCATION OF ITEM:	65 North 200 West
ZONING DESIGNATIONS:	C-3

# ITEM: 2

Travis Nokes, representative for Atlas Holdings, has submitted a final subdivision application and Conditional Use Permit for the proposed Springer Farms, a mixed-use project on approximately 1.26-acres. The proposed plan is a commercial planned unit development and includes eateries, commercial space, and short-term lodging. The property is located at 65 North 200 West and is in the C-3 zone.

## **BACKGROUND:**

Travis Nokes, representative for Atlas Holdings, is proposing final approval of Springer Farms containing lower floor commercial and upper floor short-term rentals on the 1.26acre parcel. Currently there is a restaurant under construction on the site on the location of a dwelling that was demolished. The applicant would now like to subdivide the property and create a commercial condominium planned unit development. The four buildings will be on separate buildings pads which include commercial units on the lower floors (including the restaurant currently under construction) and 13 short-term rental units on the upper floors and one on the lower floor (including one short-term rental unit above the restaurant that is currently under construction. The landscape and parking areas will be recorded as common area and will be maintained by the Property Owners' Association.

The site is located to the west of Town Square and fronts on 200 West. The property is in the C-3 zone and commercial condominiums are allowed as a conditional use. The property is located an important area of Midway because it surrounds the Town Square. The C-3 zone, that includes and surrounds the Town Square, is distinct from the C-2 zone which covers the majority of Main Street heading to the east. The difference between the two zones is the C-3 zone is more restrictive than the C-2 zone. For example, where the C-2 zone allows for several uses associated with vehicles such as gasoline stations and car washes, the C-3 zone is more restrictive and does not allow these types of uses. The C-3 zone is focused on restaurants, retail, offices, and other similar types of commercial. The purpose of this distinction is to create a walkable core to Midway that is a gathering area for the community. The City Council has recently reviewed a proposed master plan for the Town Square that will help the Town Square to be more usable year-round and a gathering place for the community. The City is also interested in compatible uses developing around the Town Square that will compliment the area and create an active and vibrant Midway core. The Springer Village will help create that core with its eateries, commercial, and nightly rentals.

There are existing residents and commercial businesses in the area that will be impacted by the development and careful planning must be taken to mitigate negative impacts wherever reasonably possible. Because commercial planned unit developments are a conditional use, the City Council may require reasonable conditions to mitigate negative impacts to the neighbors and the area. Conditional uses are governed by the following standards:

(a) A conditional use shall be approved if reasonable conditions are proposed, or can be imposed, to mitigate the reasonably anticipated detrimental effects of the proposed use in accordance with applicable standards.

(b) If the reasonably anticipated detrimental effects of a proposed conditional use cannot be mitigated by the proposal or the imposition of reasonable conditions to achieve compliance with applicable standards, the conditional use may be denied.

# LAND USE SUMMARY:

• 1.26 acres (the applicant owns another contiguous parcel that is 0.59 acres, this parcel will be developed as part of a separate application though utilities will cross the smaller parcel)

- Will be recorded as one plat
- C-3 zone
- Four buildings
  - Lower floor commercial units (including one possible restaurant)
  - 13 short-term rentals (will not include kitchens or individual laundry facilities)
  - One administrative office
- Private driveways, parking, and landscaping that will be common area and will be maintained by the POA

# ANALYSIS:

*Traffic Circulation and Access* – Springer Farms will have access directly to 200 West. A traffic study has been requested by staff and should be submitted shortly for City review.

200 West Improvements – The developer will be required to improve 200 West to UDOT requirements. The improvements will include new sidewalk, park strip, streetlights, and road improvements. Prior to any work in the UDOT right-of-way the developer is required to receive approval from UDOT

*Architectural Theme* – The developer is required to receive architectural approval of all structures in a commercial planned unit development. The developer has presented renderings to the Visual Architecture Committee and has received a recommendation of approval. Specific review of each building will be required through the building permit approval process.

*Parking* – The developer is providing 50 stalls in the proposed site plan. Based on the information provided, 44 stalls are required for the proposal (13 stalls for short-term rentals, 6.4 stalls for the west building lower floor and 4 stalls for the west building upper floor, 10.2 stalls for the south building lower floor, and 4.25 stalls for the restaurant, and 5.8 stalls for the north building).

*Open Space* – There is not a requirement for open space in a commercial condominium development.

*Setbacks* – The proposed development is required to meet the setback requirements for commercial buildings bordering residential uses in commercial zones and commercial buildings bordering residential zones. The minimum setback for commercial buildings bordering a residential use in a commercial zone is eight feet. The properties to the north and south of the development are both residential therefore the minimum setback is 8' for both boundaries. The minimum setback for commercial buildings bordering a residential zone ins 15 feet. The property borders the R-1-7 on the west boundary; therefore, the minimum setback is 15' on the western boundary.

*Height of structures* – Structures cannot exceed 35' in height, measured from natural grade to the roof. Architectural elements may exceed the 35' limit as per code.

*Transient Rental Overlay District* – The transient rental overlay district (TROD) covers the entire project area. The proposal is to create 13 short-term rental units. The units will not contain kitchens or laundry facilities.

*Property Owners' Association* – A property owners' association (POA) is required for any planned unit developments. It is the POA's responsibility to maintain common areas that include landscaping, driveways, and parking areas. It is also possible that the POA will be required to maintain the outer walls, roofs, and shared areas within the buildings such as hallways and stairs. The developer has submitted the proposed Declaration of Covenants, Conditions and Restrictions which will be reviewed by the City Attorney.

Landscaping and Fencing Plan – A landscaping plan has been submitted to the City for staff and VAC review. The landscaping and fencing may help mitigate nuisance issue such as light and noise for surrounding residences. Normally fencing is not a requirement for commercial development but since a commercial condominium is a conditional use permit, fencing could be required to help mitigate nuisances. Fencing has been proposed along the southside of the parking lot and along the east side of the parking lot. The fencing will help shield vehicle lights from shining on the surrounding homes located in the commercial zone.

*Lighting Plan* – The applicant has submitted a statement that all lighting will have full cut-off as required by code. This requirement includes street lighting, commercial building lighting, and parking areas lighting. The purpose of the code is to assure the lights will comply the requirement of having full cut-off and to also assure that no light trespass will occur onto neighboring properties.

*Dumpster and Snow Storage Plan* – The developer has submitted a dumpster and snow storage plan. Dumpsters are required to be located in enclosures and the enclosures must be reviewed by the VAC. The applicant has also submitted a "Will-Serve" letter from Wasatch County Solid Waste Disposal District.

# VISUAL AND ARCHITECTURAL COMMITTEE RECOMMENDATION:

The Visual and Architectural Committee (VAC) reviewed renderings for the proposed development during their meeting on December 14, 2022. In that meeting, the committee approved the general theming of the development. Individual buildings and signage will need to be approved when more detail is submitted.

# WATER BOARD RECOMMENDATION:

Water Board reviewed and recommended on February 6, 2023, that 6.27 acre feet must be dedicated to Midway before the plat is recorded based on the following information:

- Restaurant seats
  - 24 seats x 35 GPD = 0.36 acre feet x 1.77 (return flow) = 1.66 acre feet
- 13 nightly rental units (no kitchen or laundry) =  $13 \times 0.3 = 3.9$  acre-feet
- 2 laundries = 1.29 acre-feet (services a total of 13 suites at 50 GPD per suites)
- Commercial space bathrooms (3 toilets) = 2.97 acre-feet
- Outside irrigation 13,776 square feet (0.32 acres) = 0.95 acre feet
- Total = 10.77 acre feet
- Difference 10.77 4.5 = 6.27 acre feet

# **POSSIBLE FINDINGS:**

- The proposal will benefit the City financially by creating a greater tax base and by providing more commercial options to the community.
- The proposal may help the City better comply with State requirements regarding the ability to collect resort tax.
- Commercial condominium developments are a conditional in the C-3 zone.
- The proposed parking plan does comply with code requirements.

## **ALTERNATIVE ACTIONS:**

- 1. <u>Recommendation of Approval (conditional)</u>. This action can be taken if the Planning Commission finds the proposal complies with the requirements of the code.
  - a. Accept staff report
  - b. List accepted findings
  - c. Place condition(s) if needed

- 2. <u>Continuance</u>. This action can be taken if the Planning Commission that there are unresolved issues.
  - a. Accept staff report
  - b. List accepted findings
  - c. Reasons for continuance
    - i. Unresolved issues that must be addressed
  - d. Date when the item will be heard again
- 3. <u>Recommendation for Denial</u>. This action can be taken if the Planning Commission finds that the request does not comply with the requirements of the code.
  - a. Accept staff report
  - b. List accepted findings
  - c. Reasons for denial

#### **PROPOSED CONDITIONS:**

1. None

# HORROCKS ENGINEERS

728 West 100 South Heber, UT 84032 435-654-2226 www.horrocks.com

March 14, 2023

Michael Henke Midway City Planner 75 North 100 West Midway, Utah 84049 (Send via email)

#### Subject: Springer Farms – Final Review

Dear Michael:

Horrocks Engineers recently reviewed the above mixed-use development for Final review. The proposed mixed-use development is located at approximately 65 North and 200 West. The entire development is  $\sim$ 1.85 acres. The following comments should be addressed.

Water

- The proposed development will be served from the Gerber Mahogany Springs zone.
- An 8-inch waterline will provide water to the development. This waterline will connect to the existing waterlines in Main Street and 200 West.
- Individual culinary meters should be provided to each separate property within the mixed-use development and sizes according to land use.

#### Irrigation

- The existing irrigation line on the north property line services both the proposed development and the property to the north. Prior to final approval the location of the line and service to each property shall be addressed.
- A proposed 2-inch irrigation line shall loop 200 West to Main Street and within the development and required irrigation services to meet required landscaping needs shall be installed.

Road

• All interior access and circulation will be private.

Trails

• No public trails are provided within the development.

Storm Drain

- The storm drain system within this mixed-use development is private and is proposing to use catch basins and a retention basin to collect the storm water.
- The mixed-use development will be responsible for maintenance of the storm water system.

Please feel free to call our office with any questions.

Sincerely. HORROCKS ENGINEERS Wesley Johnson, P.E. Midway City Engineer-

cc: Legend Engineering (sent via email)

# **Midway City Corporation**

Mayor: Celeste T. Johnson City Council Members Lisa Christen • Jeffery Drury J.C. Simonsen • Steve Dougherty Kevin Payne



75 North 100 West P.O. Box 277 Midway, Utah 84049

Phone: 435-654-3223 Fax: 435-654-4120

midwaycityut.org

# Springer Village Preliminary Approval

November 1, 2022

Michael Henke Midway City Planning Director,

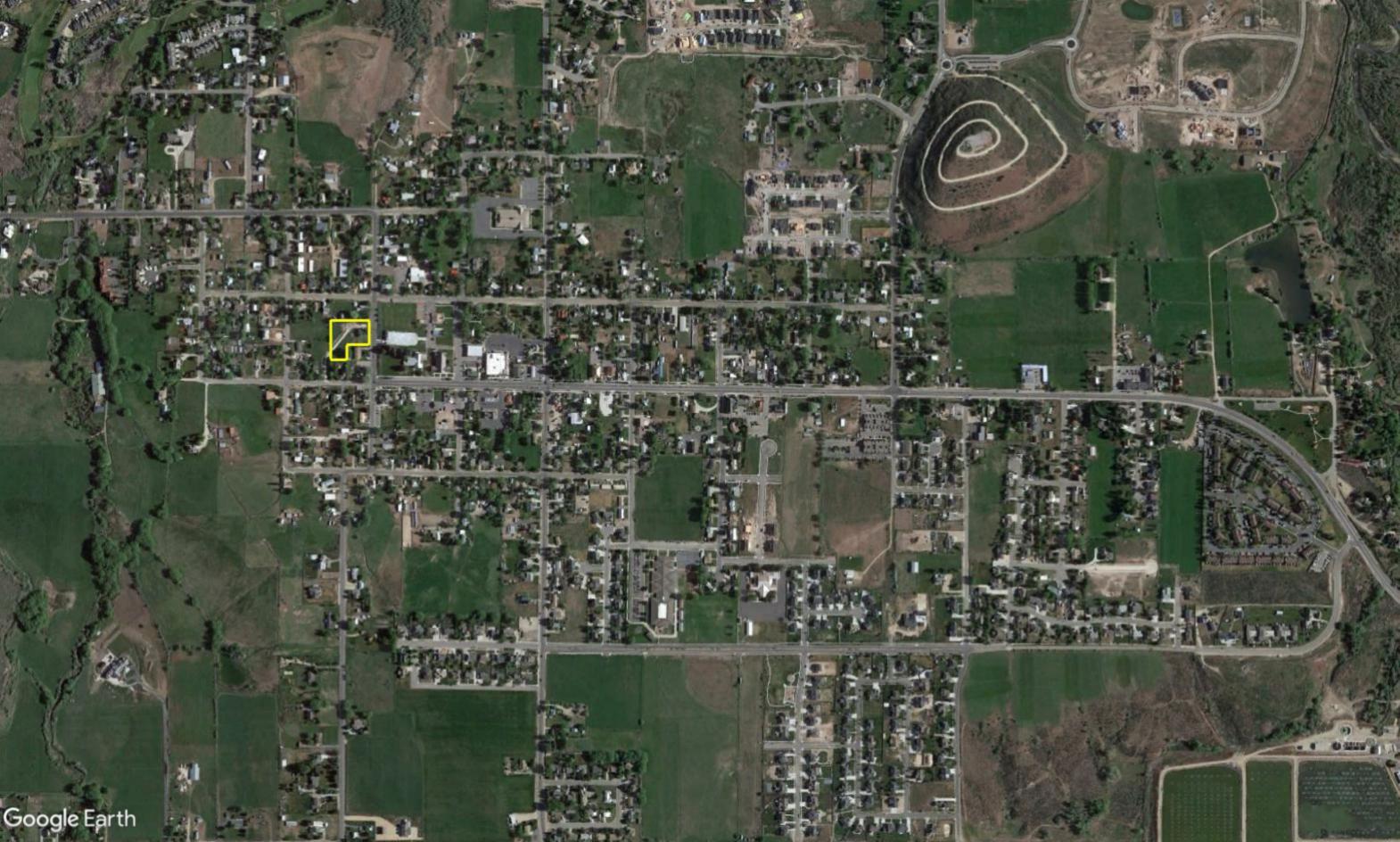
I have reviewed the preliminary plans for Springer Village for compliance with the 2018 International Fire Code (2018 IFC). The proposed plan meets the fire code requirements in the 2018 IFC including Appendix D for fire apparatus access. I have no fire code concerns with these preliminary plans that have already been approved by the Midway City Planning Commission and are now awaiting preliminary approval from the Midway City Council.

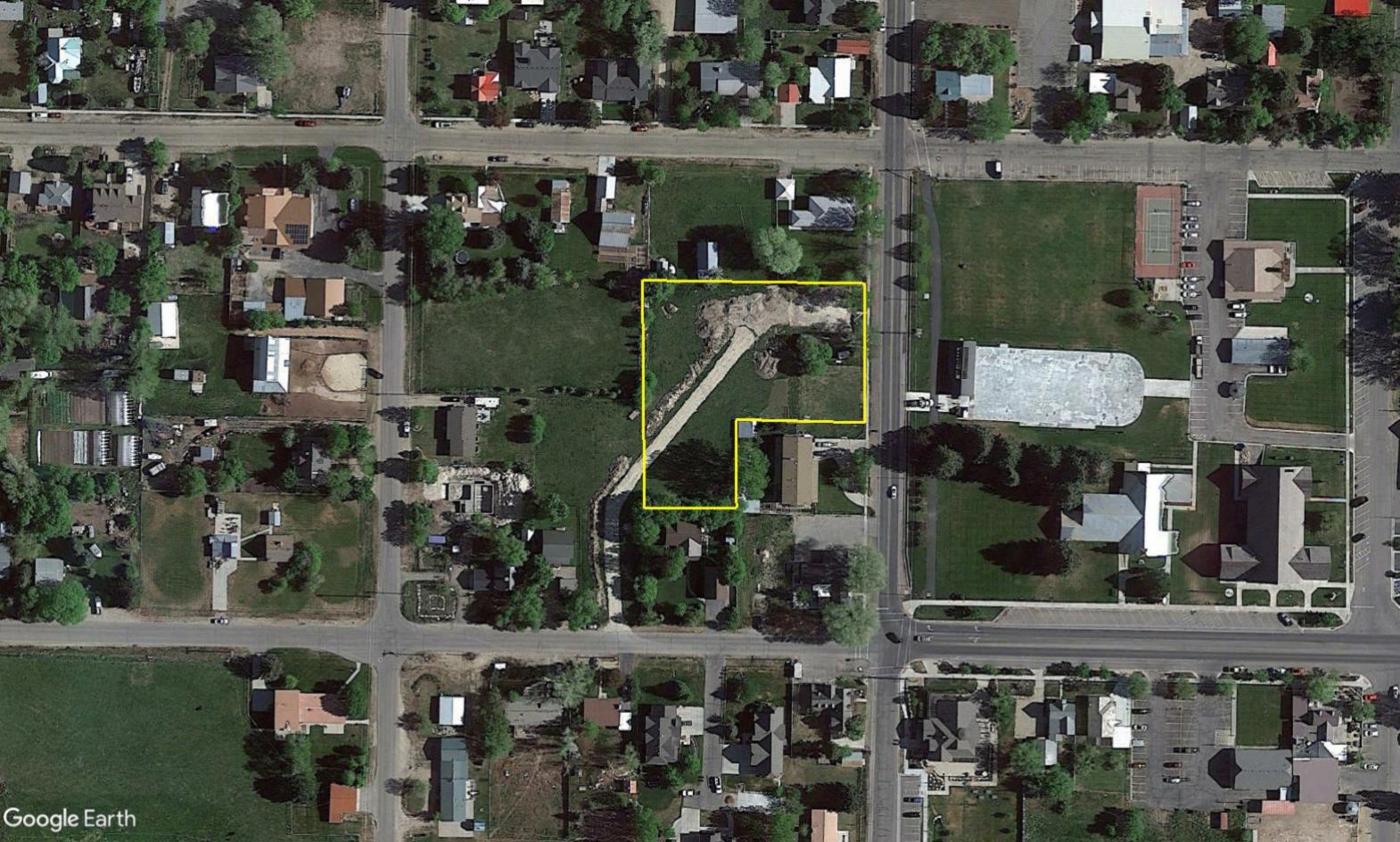
I will perform a final approval fire review of the Springer Village plans prior to final approval.

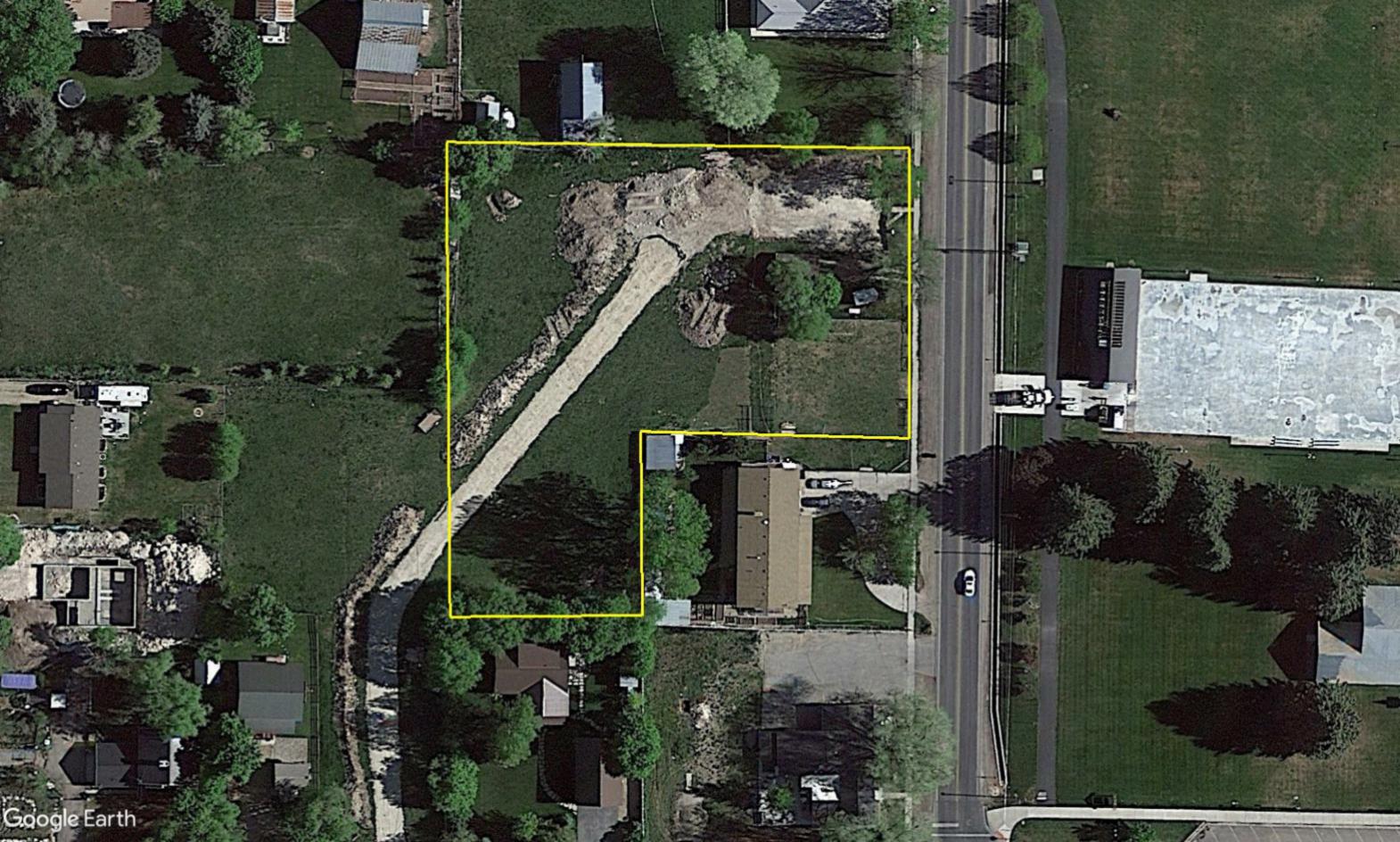
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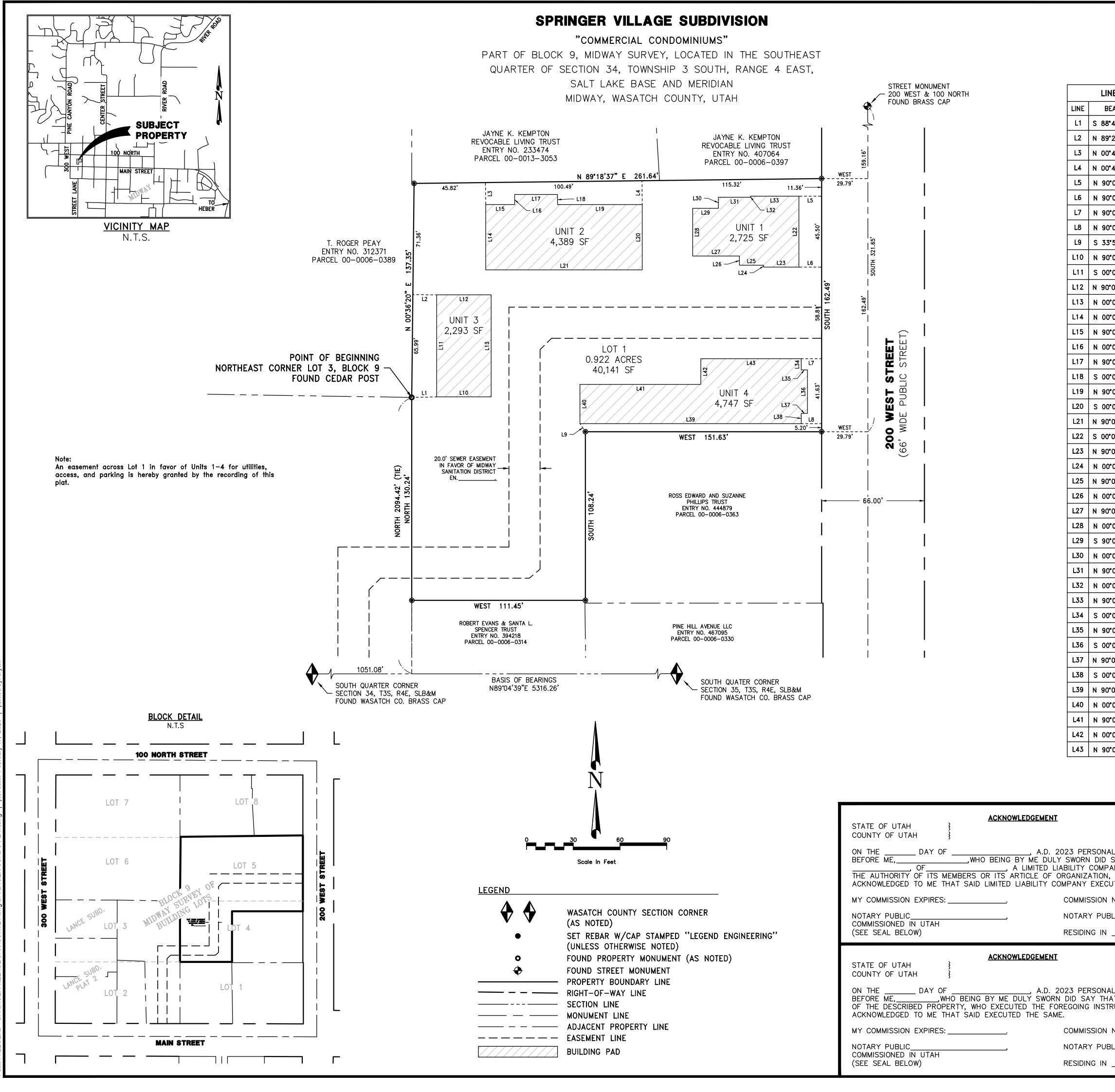
Tex R. Couch CBO/MCP Midway City Building Official/Fire Marshal 75 West 100 North Midway, Utah 84049 tcouch@midwaycityut.org (435)654-3223 Ext. 107

Our vision for the City of Midway is to be a place where citizens, businesses and civic leaders are partners in building a city that is family-oriented, aesthetically pleasing, safe, walkable and visitor friendly. A community that proudly enhances its small-town Swiss character and natural environment, as well as remaining fiscally responsible.







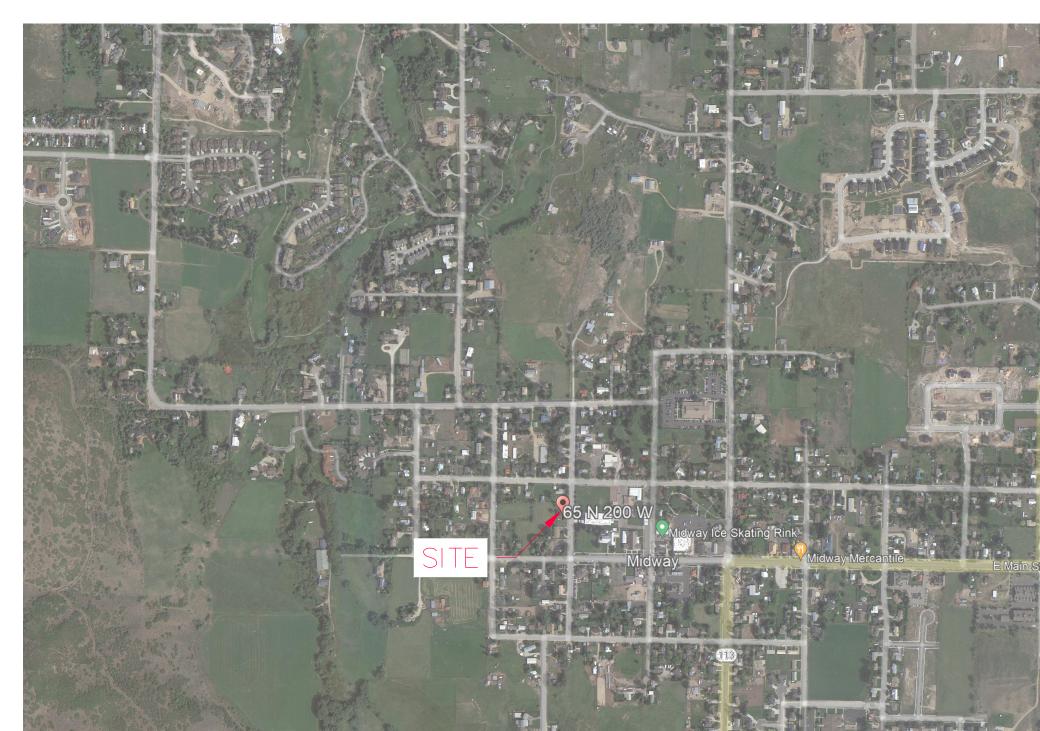


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# SPRINGER VILLAGE 65 NORTH 200 WEST MIDWAY, UTAH 84049

INDEX

- C-0 Cover Sheet
- C-1 Site Plan
- C-2 Grading Plan
- C-3 Overall Utility Plan
- C-3.1 STA: 0+00 4+00
- C-3.2 STA: 4+00 7+30
- C-4 Details
- C-4.1 Hydrology Details
- C-4.2 Utility Details
- C-4.3 Utility Details
- C-5 Stormwater Pollution Prevention Plan
- C-6 SWPPP Details

<u>owner</u> (801) 889-5269

<u>CONTRACTOR</u> DISCOVER DESIGN CO. TRAVIS NOKES (801) 725-9900

# LEGEND & ABBREVIATION TABLE

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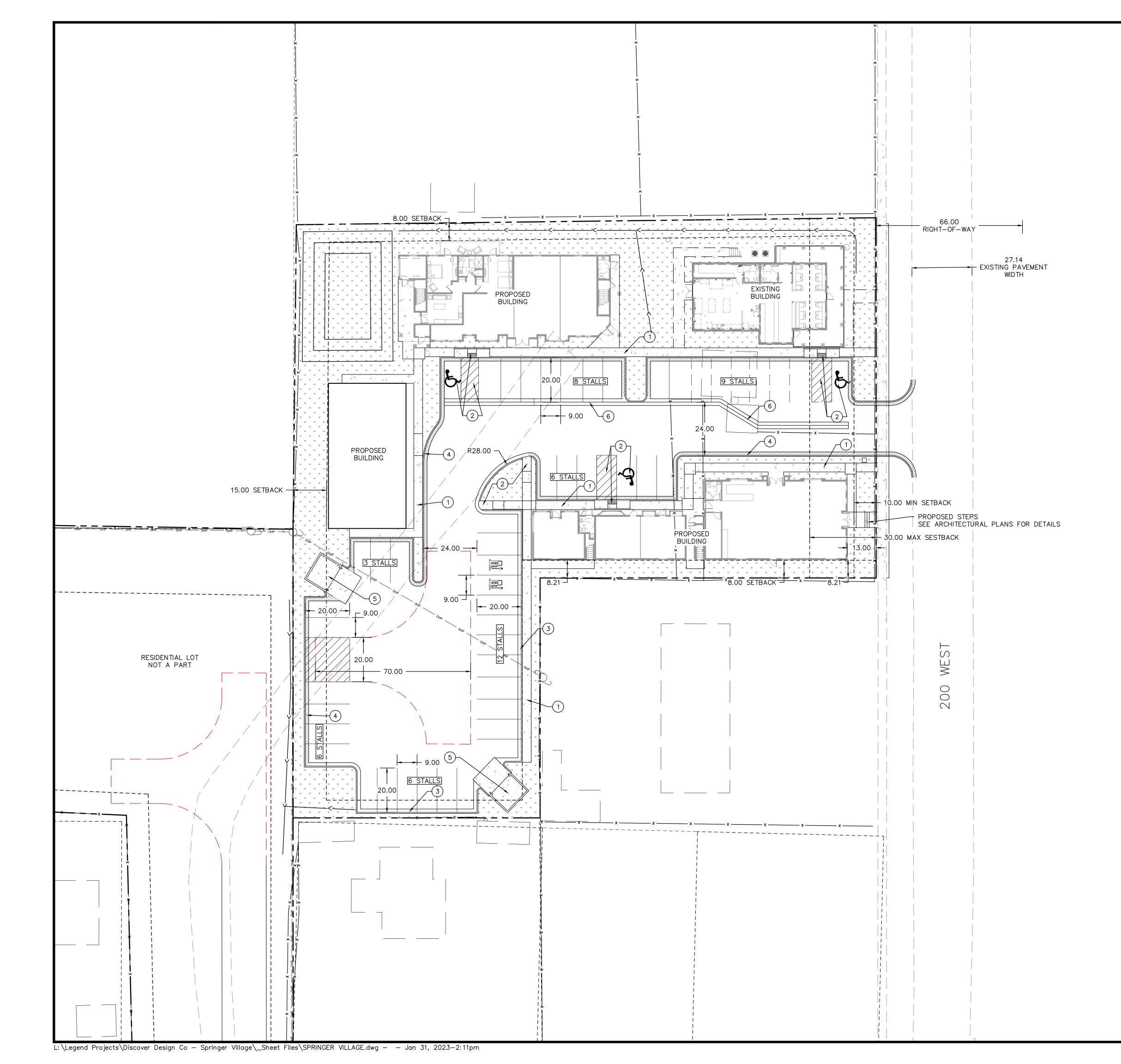
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# DAVID AND KAYLA G SPRINGER DAVIDMICHAELSPRINGER@GMAIL.COM

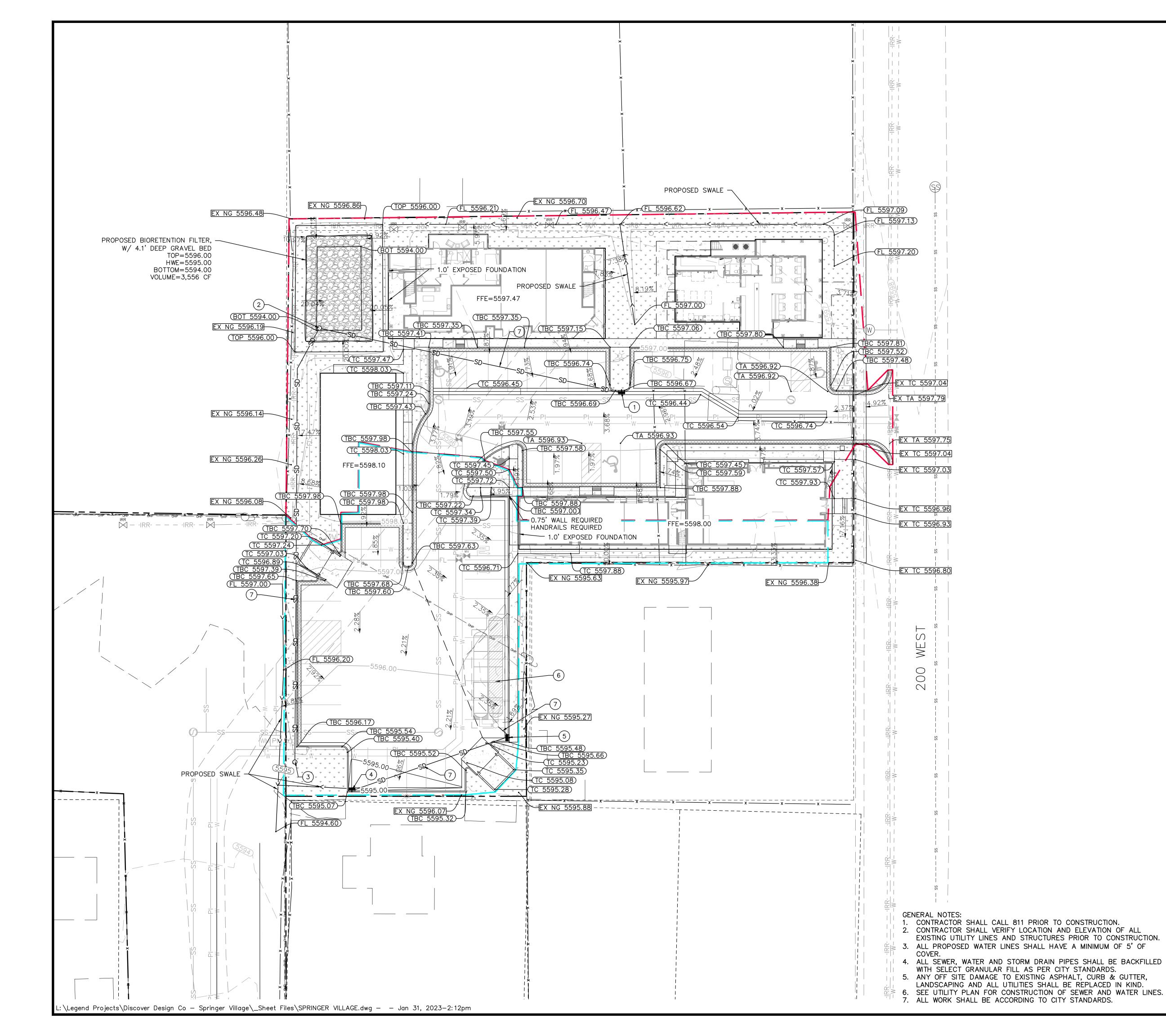
<u>civil engineer</u> Legend engineering CAL JOHNSON 52 WEST 100 NORTH HEBER CITY, UTAH 84032 (435) 654-4828

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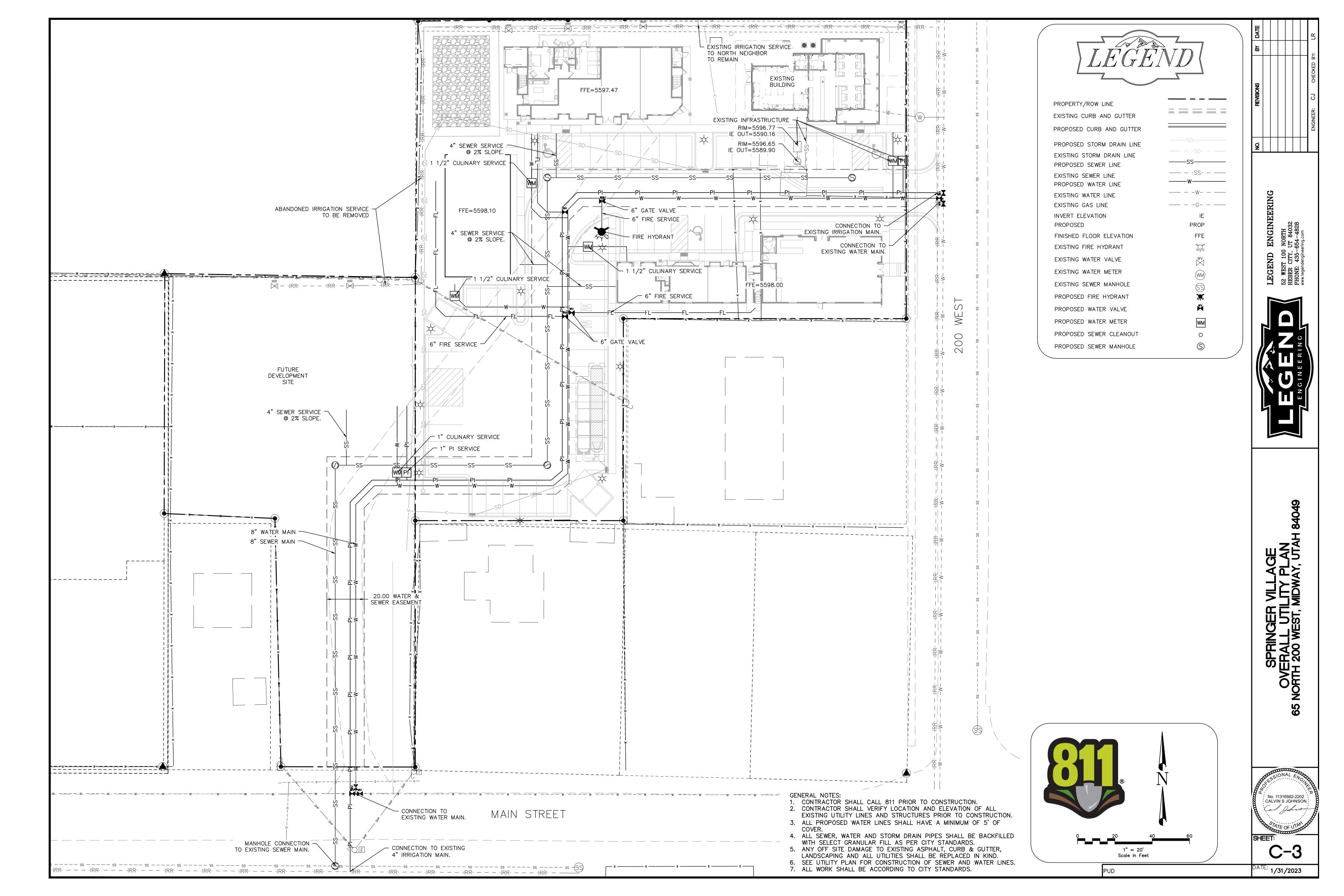
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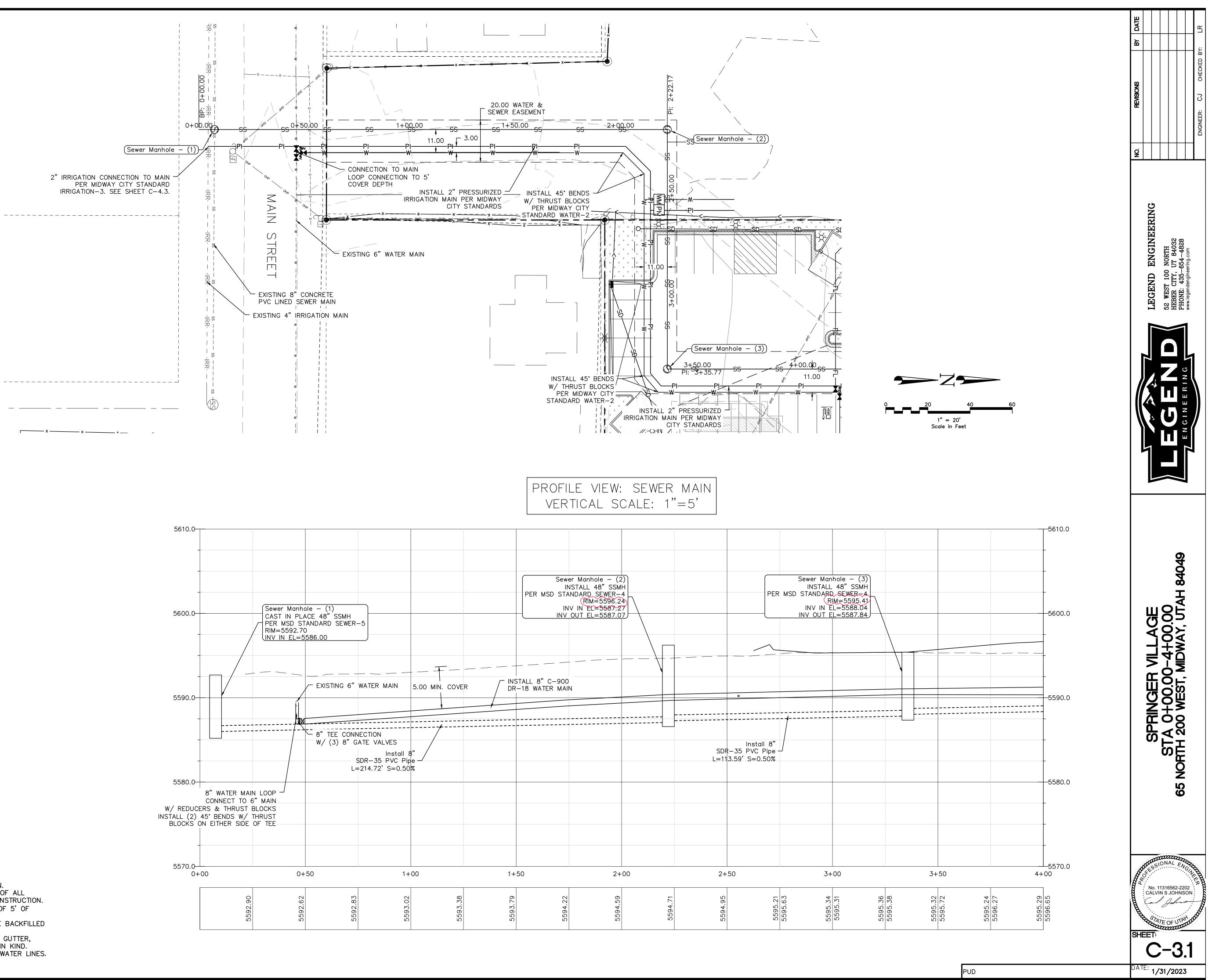


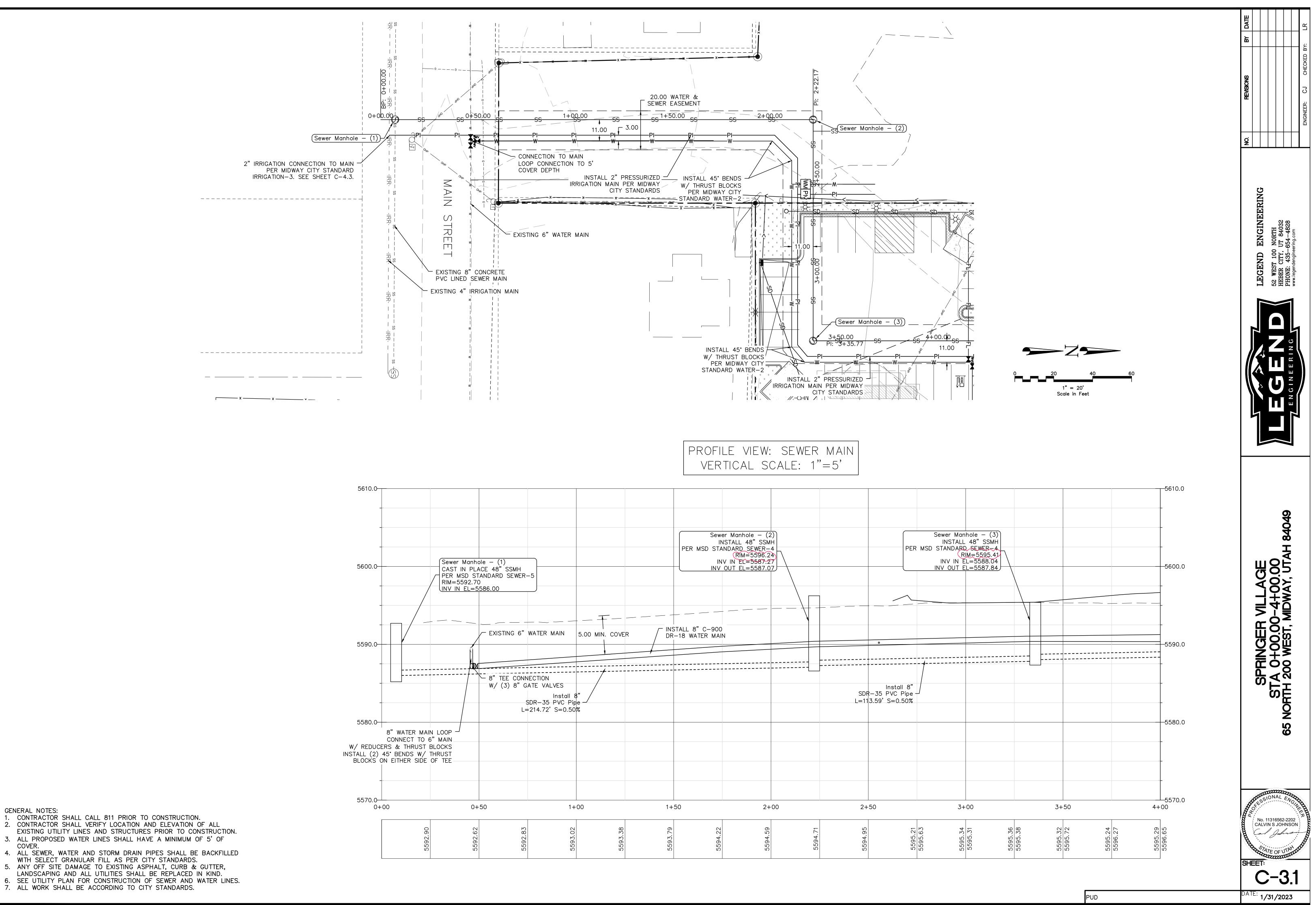
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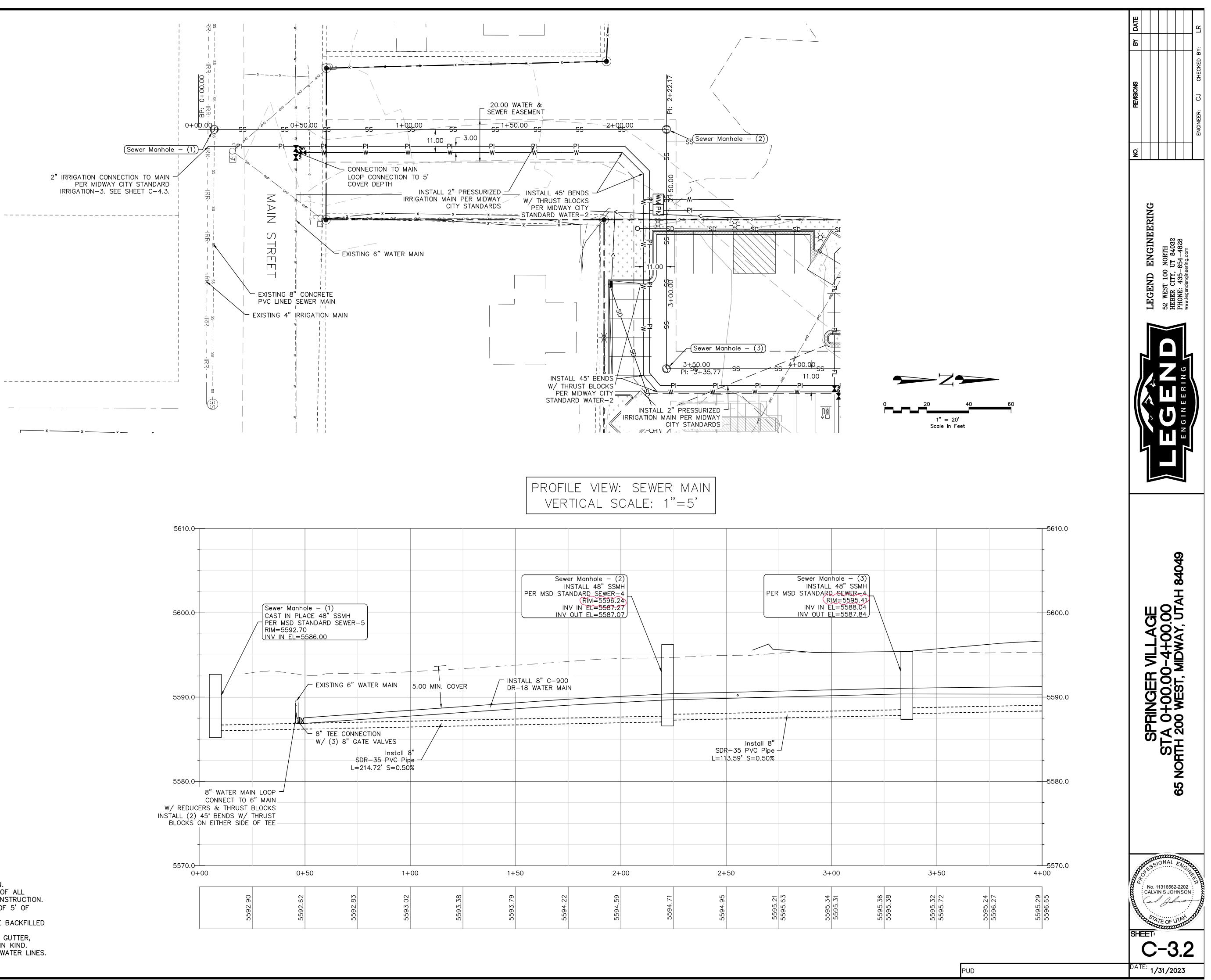
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2	BUBBLE UP BOX PER DETAIL 3. SEE DETAIL. RIM=5595.00 IE=5592.00	E SHEET C-4.1 FOR	
3	48" STORM DRAIN MANHOLE PER A INSTALL WITH GRATED LID FOR OVE C-4.1 FOR DETAIL. RIM=5595.00 IE=5591.02		PLAN FAN 84046
4	CURB DROP INLET BOX PER MIDWAY DRAIN-1. SEE SHEET C-4.1 FOR DE RIM=5594.57 IE=5591.82		
5	CURB DROP INLET BOX PER MIDWAY DRAIN-1. INSTALL WITH BMP PRETR SHEET C-4.1 FOR DETAIL. RIM=5594.98 IE=5591.45		
6	STORMTECH MC-3500 SYSTEM W/ BOTTOM OF CHAMBERS=5589.65 BOTTOM OF ROCK=5588.90 VOLUME=2,429 CF	11 CHAMBERS.	
7	8"ø CORRUGATED HDPE PIPE.		
	**ALL RAIN GUTTERS SHALL BE ROU A LANDSCAPE AREA AND TO A 6		ENG NS NS NS NS NS NS NS NS NS NS NS NS NS
			GRADIN 65 NORTH
			No. 11316562-220 CALVIN S JOHNSC
X	$     \begin{array}{c}             20 & 40 \\             1" = 20'             Societe in Foot$	60 	SHEET: C-2
	Scale in Feet		DATE: 1/31/2023
	PUD		P'''' 1 /71 /0007

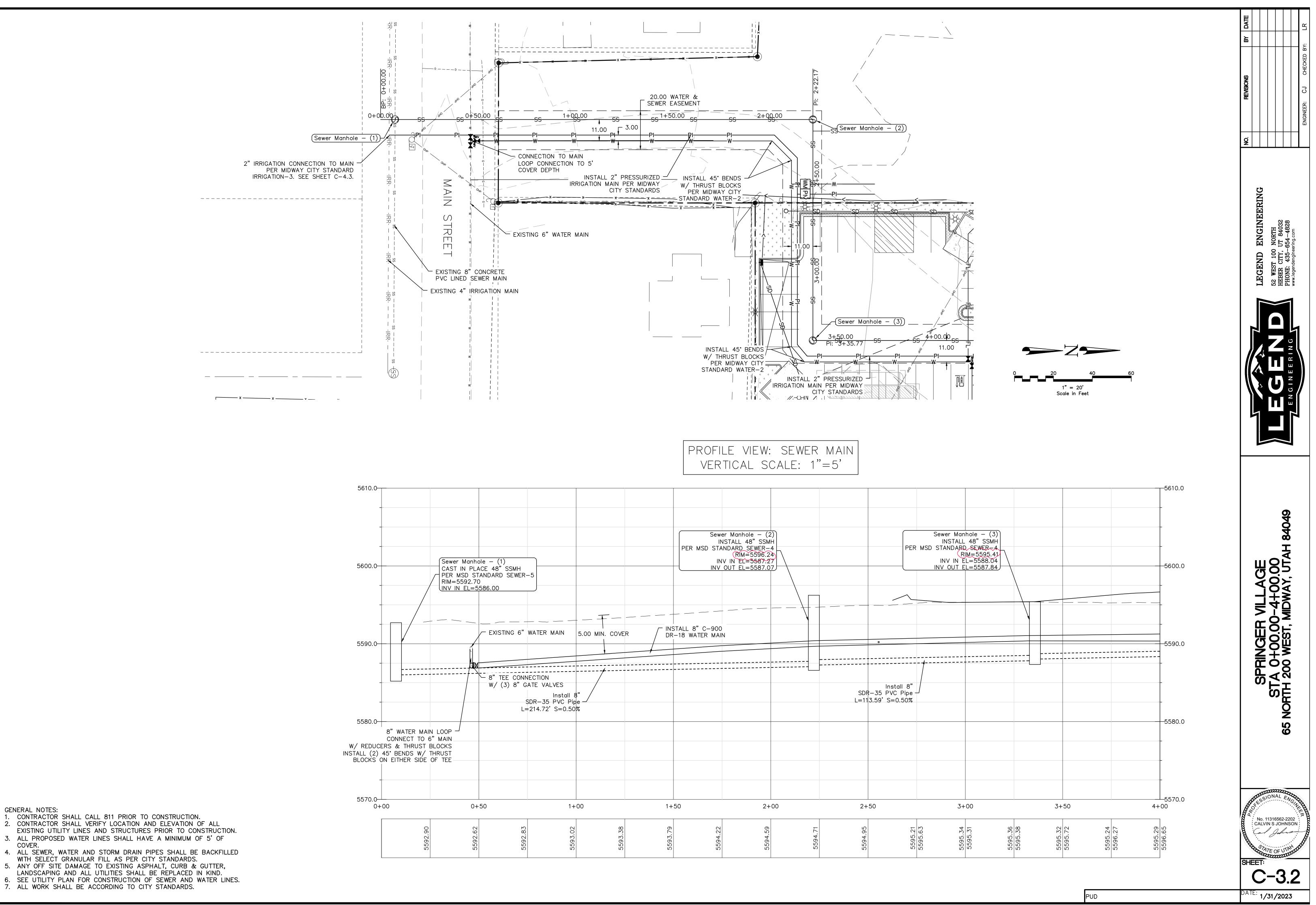




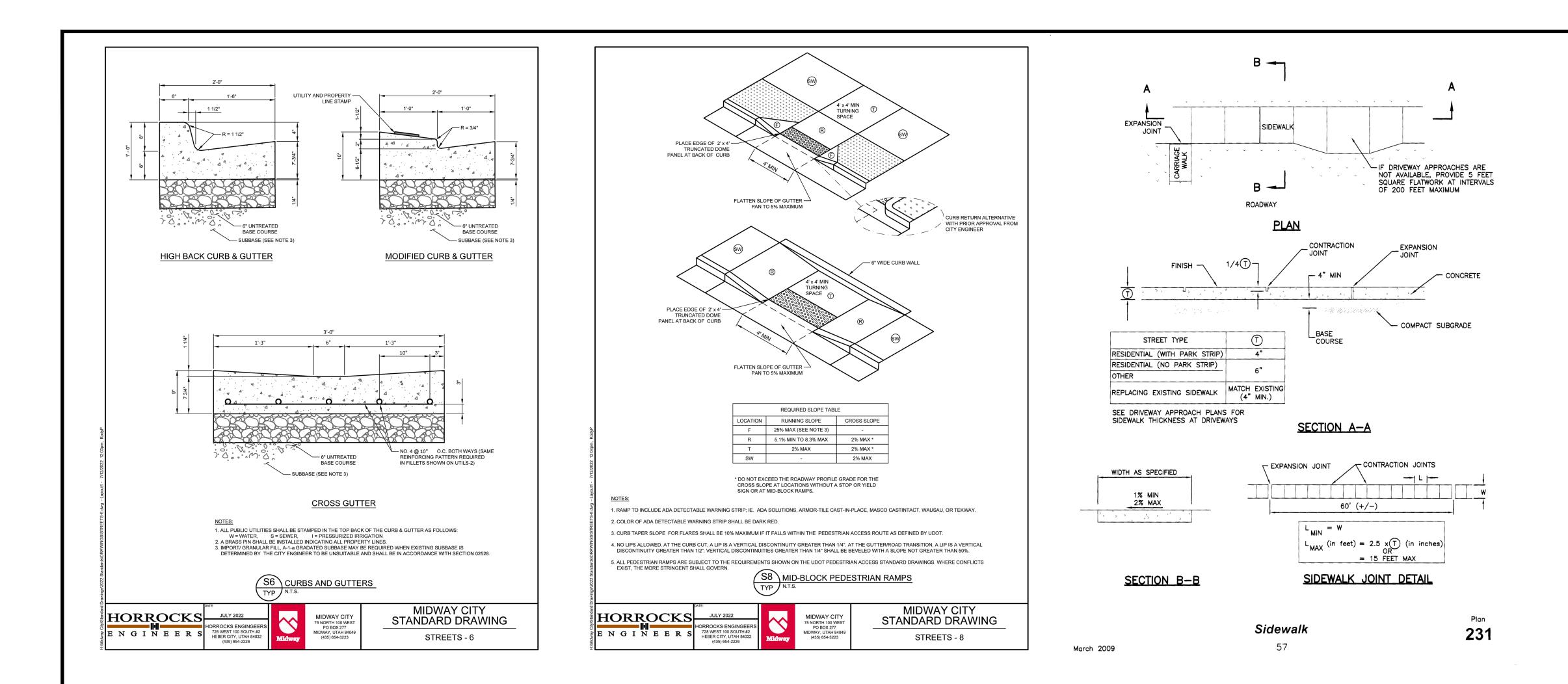


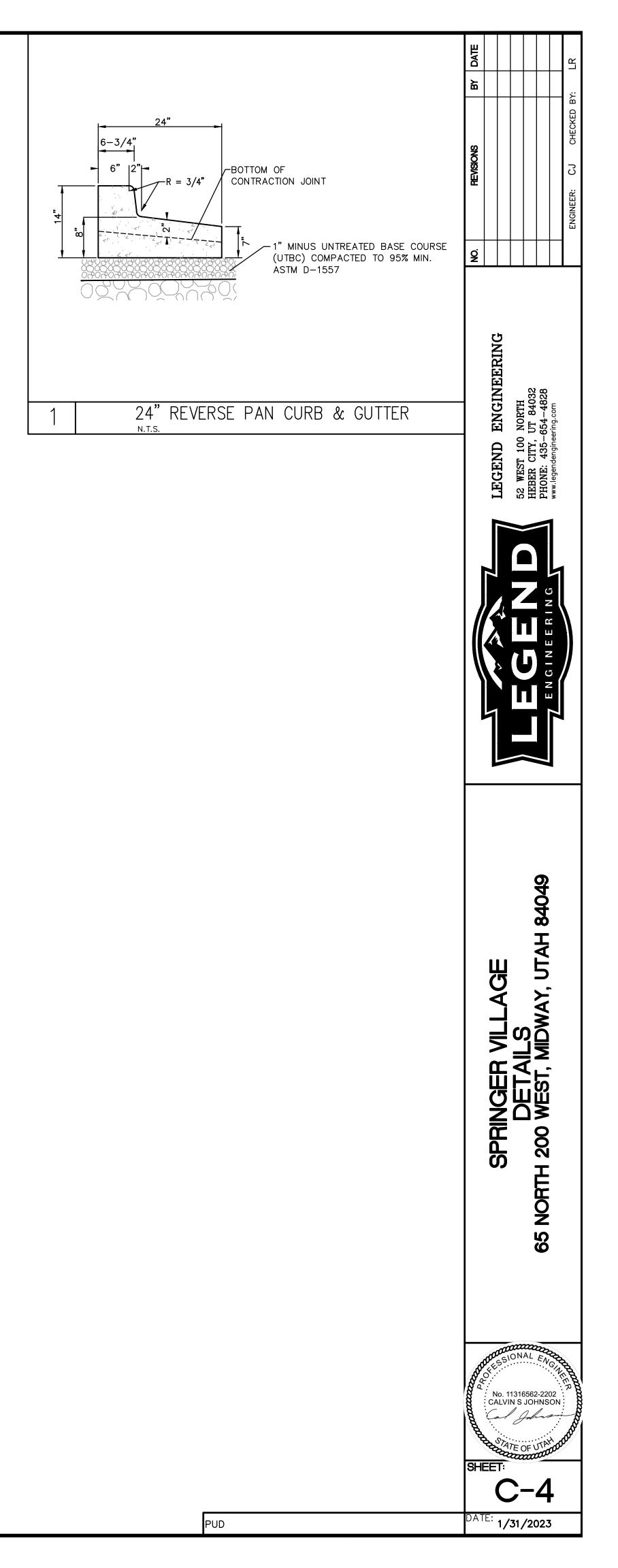
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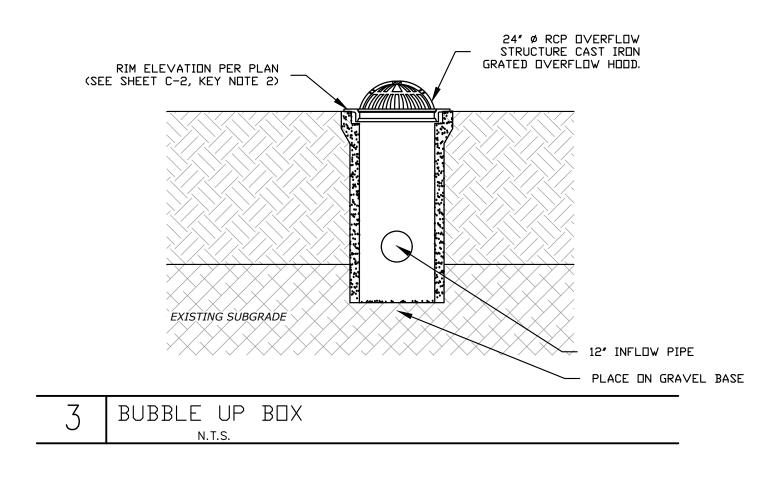


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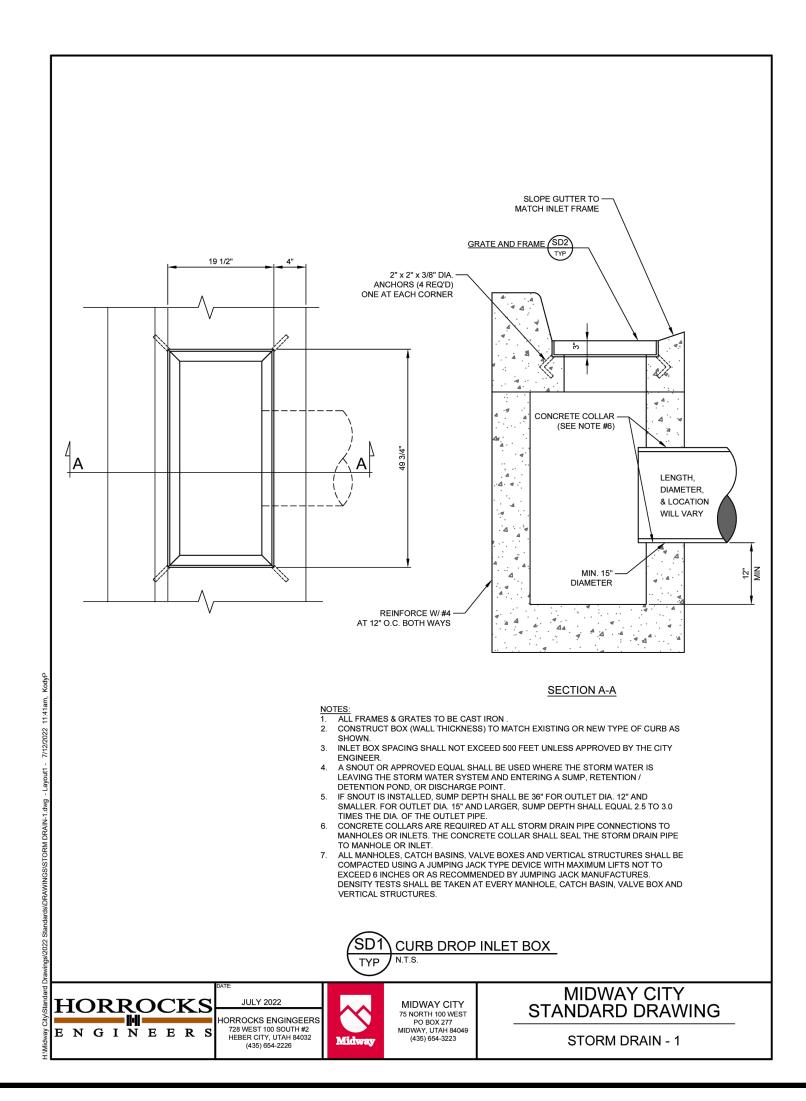
PRINGER	VILLAGE -	NORTH E	BASIN									
				20								
ost-Develo	pment Storn	n Drainage	Calculatio	ns								
esign Criteria	:											
Method:	Rational Method											
Intensity Table: Return Period:	NOAA Atlas 100	year storm event										
		,										
evelopment D	)rainage Area	s										
	Improved/Dist			SP			SIN					
Total Improved Are		urbed Areas		35,705		0.82						
Building Roof Ar	eas			11,209	sq.ft. =	0.26						
Drive & Parking /				13,491		0.31						
Landscaped Are	as			11,005	sq.ft. =	0.25	acre					
	f Coefficient "C"	Calculation		Area	"C"	C*A						
Surface Type Building Roof Are				Area 11,209		10,649						
Drive & Parking /				13,491	0.92	12,412						
Landscaped Are				11,005		2,201						
Total Area				35,705		25,261						
Weighted Runoff (	Coefficient "C" =	0.71	(Total CN*A)/(Tot	al Area)								
ydrologic An	alysis & Stora	ge Volume I	Requiremen	ts:								
Allowable Releas	e			-	cfs							
Percolation												
Percolation Rate:				_	4	inches/hour						
Factor of Safety				1	2.0							
Bottom of Pond Ar Infiltration Rate:	ea.				1,485	sq.ft cfs						
Storage Volu	me Requirem	ent										
100-Year Storm												
		01	D	Development		Assumption	Allowable	Bulanced	In the star	Tabal	Description	A
Duration	Table Development	Storm Intensity	Runoff Coefficient	Development Area	Stormwater Flow	Accumulated Flow	Allowable Release	Released Volume	Infiltration Rate	Total Infitration	Required Storage	Available Storage
(min)	Total Precipitation (in)	(in/hr)	"C"	(acres)	(cfs)	(cf)	(cfs)	(cf)	(cfs)	(cf)	- (cf)	(cf)
5	0.549	6.59	0.71	0.82	3.82	1,146	0.00	-	0.07	21	1,126	3,556
10	0.836	5.02	0.71	0.82	2.91	1,747	0.00	-	0.07	41	1,705	3,556
15	1.040	4.14	0.71	0.82	2.40	2,161	0.00	-	0.07	62	2,099	3,556
30	1.400	2.79	0.71	0.82	1.62	2,912	0.00	-	0.07	124	2,789	3,556
60 120	1.730 1.940	1.73 0.97	0.71	0.82	1.00	3,612 4,050	0.00	-	0.07	248 495	3,364 3,555	3,556 3,556
180	1.960	0.65	0.71	0.82	0.38	4,084	0.00	-	0.07	743	3,341	3,556
360	2.190	0.37	0.71	0.82	0.21	4,585	0.00	-	0.07	1,485	3,100	3,556
720	2.650	0.22	0.71	0.82	0.13	5,512	0.00	-	0.07	2,970	2,542	3,556
1440	3.030	0.13	0.71	0.82	0.07	6,313	0.00	-	0.07	5,940	373	3,556
Retention Require					cu. ft.							
Retention Provideo	i by Pond			3,556	cu. ft.							
PRINGER	VILLAGE -	NORTH E	BASIN									
ost-Develo	oment Storn	n Drainage	Calculatio	ns								
etention Po	nd Sizina:											
Pond Volur	ne Calculato	or										
										1		
Where Pond Vo	lume is given by	the equation:			V=H/3[A <sub>1</sub> +A <sub>2</sub> +(	A <sub>1</sub> A <sub>2</sub> ) <sup>1/2</sup> ]						
			je.		-	*	-			4		
	<u>2</u>		3	4	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>			
		JUN						VOLUME	ACCUM. VOLUME			
CONTOUR	CONT				1		H/3	<u>7X5</u>	ΣV			
_	CONT	EA	A.+A.	(A.*A.) <sup>1/2</sup>	3+4	н	EN/2					
CONTOUR ELEV.	CONT	EA )	A <sub>1</sub> +A <sub>2</sub> (ft <sup>2</sup> )	(A <sub>1</sub> *A <sub>2</sub> ) <sup>1/2</sup> (ft <sup>2</sup> )	3+4 (ft <sup>2</sup> )	H (ft.)		(ft <sup>3</sup> )	(ft <sup>3</sup> )			
CONTOUR	CONT ARE (A	EA ) )	A <sub>1</sub> +A <sub>2</sub> (ft <sup>2</sup> )	(A <sub>1</sub> *A <sub>2</sub> ) <sup>1/2</sup> (ft <sup>2</sup> )	<u>3+4</u> (ft <sup>2</sup> )	H (ft.)	(ft.)	(ft <sup>3</sup> )		Pond Bottom Ele	v	
CONTOUR ELEV. (ft.) 5594.00 5595.00	CONT ARE (A (ft <sup>2</sup> 793 1,48	A ) ) .0 5.0	(ft <sup>2</sup> ) 2,278	(ft²) 1,085	(ft <sup>2</sup> ) 3,363	(ft.) 1.00	(ft.) 0.33	(ft <sup>3</sup> ) 1,121	(ft <sup>3</sup> ) 1,121	High-Water Elev.	v.	
CONTOUR ELEV. (ft.) 5594.00	CONT ARE (A (ft <sup>2</sup> 793	A ) ) .0 5.0	(ft <sup>2</sup> )	(ft²)	(ft <sup>2</sup> )	(ft.)	(ft.)	(ft <sup>3</sup> )	(ft <sup>3</sup> )		V.	
CONTOUR ELEV. (ft.) 5594.00 5595.00 5596.00	CONT ARE (A (ft <sup>2</sup> 793 1,48	EA ) ) .0 5.0 7.0	(ft²) 2,278 3,862	(ft²) 1,085	(ft <sup>2</sup> ) 3,363	(ft.) 1.00	(ft.) 0.33	(ft <sup>3</sup> ) 1,121	(ft <sup>3</sup> ) 1,121	High-Water Elev.	۷.	
CONTOUR ELEV. (ft.) 5594.00 5595.00 5596.00	CONT ARE (A (ft <sup>2</sup> 793 1,48 2,37	EA ) ) .0 5.0 7.0	(ft²) 2,278 3,862	(ft <sup>2</sup> ) 1,085 1,879	(ft <sup>2</sup> ) 3,363 5,741	(ft.) 1.00 1.00	(ft.) 0.33	(ft <sup>3</sup> ) 1,121	(ft <sup>3</sup> ) 1,121	High-Water Elev.	V.	
CONTOUR ELEV. (ft.) 5594.00 5595.00 5596.00	CONT ARE (A (ft <sup>2</sup> 793 1,48 2,37	EA ) ) .0 5.0 7.0	(ft²) 2,278 3,862	(ft²) 1,085	(ft <sup>2</sup> ) 3,363 5,741	(ft.) 1.00	(ft.) 0.33	(ft <sup>3</sup> ) 1,121	(ft <sup>3</sup> ) 1,121	High-Water Elev.	v	
CONTOUR ELEV. (ft.) 5594.00 5595.00 5596.00	CONT ARE (A (ft <sup>2</sup> 793 1,48 2,37 Ime Provided	EA ) ) .0 5.0 7.0	(ft <sup>2</sup> ) 2,278 3,862 <b>ed</b>	(ft <sup>2</sup> ) 1,085 1,879	(ft <sup>2</sup> ) 3,363 5,741	(ft.) 1.00 1.00	(ft.) 0.33	(ft <sup>3</sup> ) 1,121	(ft <sup>3</sup> ) 1,121	High-Water Elev.	V.	



		<b>D</b> ·	<b>•</b> • • • •									
ost-Develo	opment Storn	n Drainage	Calculation	าร								
esign Criteria	a.											
Method:	Rational Method											
Intensity Table:	NOAA Atlas											
Return Period:		year storm event	-									
	Dur la cue Area											
evelopment	Drainage Area			20		GE - SOUTH BA						
Total Improved Ar		urbed Areas		18,158	-	0.42						
Building Roof A				2,355		0.05						
Drive & Parking				14,414		0.33						
Landscaped An				1,389		0.03	acre					
Walah ta d Door -	ff On affiniant POP	Coloulation										,
Weighted Runo Surface Type	off Coefficient "C"	Calculation		Area	"C"	C*A						
Building Roof A				2,355	0.95	2,237						
Drive & Parking				14,414	0.92	13,261						
Landscaped Ar	eas			1,389	0.20	278						
				18,158		15,776						
Total Area												
Total Area Weighted Runoff	Coefficient "C" =		(Total CN*A)/(Tot Requirement	al Area)								
Total Area Weighted Runoff	alysis & Stora			al Area)	cfs							
Total Area Weighted Runoff / <b>drologic Ar</b> Allowable Releas	alysis & Stora			al Area)	cfs							
Total Area Weighted Runoff / <i>drologic An</i> Allowable Releas Percolation	alysis & Stora			al Area)								
Total Area Weighted Runoff / <i>drologic An</i> Allowable Releas Percolation Percolation Rate:	alysis & Stora			al Area)	5.5	inches/hour						
Total Area Weighted Runoff /drologic An Allowable Releas Percolation Percolation Rate: Factor of Safety	alysis & Stora			al Area)	5.5							
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A	alysis & Stora			al Area)	5.5 2.0 728	sq.ft						
Total Area Weighted Runoff /drologic An Allowable Releas Percolation Percolation Rate: Factor of Safety	alysis & Stora			al Area)	5.5	sq.ft						
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate:	alysis & Stora	age Volume I		al Area)	5.5 2.0 728	sq.ft						
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Vol	alysis & Stora se Area: ume Requiren	age Volume I		al Area)	5.5 2.0 728	sq.ft						
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate:	alysis & Stora se Area: ume Requiren	age Volume I nent	Requirement	al Area)	5.5 2.0 728	sq.ft cfs						
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Vol	alysis & Stora se Area: ume Requiren	age Volume I nent	Requirement	al Area) <b>fs:</b> - - Development	5.5 2.0 728	sq.ft cfs Accumulated	Allowable	Released	Infiltration	Total	Required	
Total Area Weighted Runoff /drologic Art Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Volu 100-Year Storm	alysis & Stora se Area: ume Requiren	age Volume I nent Storm Intensity	Runoff	al Area) fs: 	5.5 2.0 728 0.05 Stormwater Flow	sq.ft cfs Accumulated Flow	Release	Volume	Rate	Infiltration	Storage	Storag
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Vol 100-Year Storm Duration (min)	Area:	age Volume I nent Storm Intensity (in/hr)	Requirement	al Area) <b>fs:</b> - - - - - - - - - - - - -	5.5 2.0 728 0.05 Stormwater Flow (cfs)	sq.ft cfs Accumulated Flow (cf)	Release (cfs)		Rate (cfs)	Infiltration (cf)	Storage (cf)	Storag (cf)
Total Area Weighted Runoff /drologic Ari Allowable Release Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Vol 100-Year Storm Duration (min) 5	Area: Ume Requirem Event Total Precipitation (in) 0.549	age Volume I nent Storm Intensity (in/hr) 6.59	Requirement Runoff Coefficient "C" 0.87	al Area) <b>*S :</b> - - - - - - - - - - - - -	5.5 2.0 728 0.05 Stormwater Flow (cfs) 2.39	sq.ft cfs Accumulated Flow (cf) 716	Release (cfs) 0.00	Volume	Rate (cfs) 0.05	Infiltration (cf) 14	Storage (cf) 702	Storag (cf) 2
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Vol 100-Year Storm Duration (min) 5 10	Area: Under Requirem Event Total Precipitation (in) 0.549 0.836	age Volume I nent Storm Intensity (in/hr) 6.59 5.02	Requirement Runoff Coefficient "C" 0.87 0.87	al Area) <b>*S :</b> - - - - - - - - - - - - -	5.5 2.0 728 0.05 Stormwater Flow (cfs) 2.39 1.82	sq.ft cfs Accumulated Flow (cf) 716 1,091	Release (cfs) 0.00 0.00	Volume (cf)	Rate (cfs) 0.05 0.05	Infiltration (cf) 14 28	Cf) (cf) 702 1,063	Storag (cf) 2 2
Total Area Weighted Runoff Allowable Release Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Vol 100-Year Storm Duration (min) 5 10 15	Area: Total Precipitation (in) 0.549 0.836 1.040	age Volume I nent Storm Intensity (in/hr) 6.59 5.02 4.14	Requirement Runoff Coefficient "C" 0.87 0.87 0.87	al Area) <b>*S :</b> - - - - - - - - - - - - -	5.5 2.0 728 0.05 Stormwater Flow (cfs) 2.39 1.82 1.50	sq.ft cfs Accumulated Flow (cf) (cf) 1,091 1,349	Release (cfs) 0.00 0.00 0.00	Volume (cf) -	Rate (cfs) 0.05 0.05 0.05	Infiltration (cf) 14 28 42	Storage           (cf)           702           1,063           1,308	Storag           (cf)           2           2           2
Total Area Weighted Runoff Allowable Release Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Vol 100-Year Storm Duration (min) 5 10 15 30	Area: Total Precipitation (in) 0.549 0.836 1.040 1.400	age Volume I nent Storm Intensity (in/hr) 6.59 5.02 4.14 2.79	Requirement Runoff Coefficient "C" 0.87 0.87 0.87 0.87	al Area) <b>*S :</b> - - - - - - - - - - - - -	5.5 2.0 728 0.05 Stormwater Flow (cfs) 2.39 1.82 1.50 1.01	sq.ft cfs Accumulated Flow (cf) (cf) 1,091 1,349 1,819	Release           (cfs)           0.00           0.00           0.00           0.00           0.00	Volume (cf) - - - -	Rate (cfs) 0.05 0.05 0.05 0.05	Infiltration (cf) 14 28 42 83	(cf) 702 1,063 1,308 1,735	(cf) 2 2 2 2 2 2
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Vol 100-Year Storm Duration (min) 5 10 15 30 60	Area: Total Precipitation Event Total Precipitation (in) 0.549 0.836 1.040 1.400 1.730	age Volume I Storm Intensity (in/hr) 6.59 5.02 4.14 2.79 1.73	Requirement	al Area) <b>fs:</b> - - - - - - - - - - - - -	5.5 2.0 728 0.05 Stormwater Flow (cfs) 2.39 1.82 1.50 1.01 0.63	sq.ft cfs Accumulated Flow (cf) (cf) 1,349 1,819 2,256	Release (cfs) 0.00 0.00 0.00 0.00 0.00	Volume (cf) - - - - -	Rate (cfs) 0.05 0.05 0.05 0.05 0.05	(cf) 14 28 42 83 167	Storage           (cf)           702           1,063           1,308           1,735           2,089	Storag (cf) 2 2 2 2 2 2 2
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Voli 100-Year Storm Duration (min) 5 10 15 30 60 120	Area: Total Precipitation Event Total Precipitation 0.549 0.836 1.040 1.400 1.730 1.940	age Volume I storm Intensity (in/hr) 6.59 5.02 4.14 2.79 1.73 0.97	Requirement Runoff Coefficient "C" 0.87 0.87 0.87 0.87 0.87 0.87	al Area) fs: 	5.5 2.0 728 0.05 Stormwater Flow (cfs) 2.39 1.82 1.50 1.01 0.63 0.35	sq.ft cfs Accumulated Flow (cf) (cf) 1,349 1,819 2,256 2,529	Release (cfs) 0.00 0.00 0.00 0.00 0.00 0.00	Volume (cf) - - - - - - -	Rate (cfs) 0.05 0.05 0.05 0.05 0.05 0.05	(cf) 14 28 42 83 167 334	Storage           (cf)           702           1,063           1,308           1,735           2,089           2,196	Storag (cf) 2 2 2 2 2 2 2 2 2 2 2 2 2
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Volu 100-Year Storm Duration (min) 5 10 15 30 60 120 180	Area: Total Precipitation Event Total Precipitation (in) 0.549 0.836 1.040 1.400 1.730 1.940 1.960	age Volume I age Volume I Storm Intensity (in/hr) 6.59 5.02 4.14 2.79 1.73 0.97 0.65	Requirement Requirement Coefficient "C" 0.87 0.87 0.87 0.87 0.87 0.87 0.87	al Area) fs: 	5.5 2.0 728 0.05 Stormwater Flow (cfs) 2.39 1.82 1.50 1.01 0.63 0.35 0.24	sq.ft cfs Accumulated Flow (cf) (cf) 1,091 1,349 1,819 2,256 2,529 2,550	Release (cfs) 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Volume (cf) - - - - - - - -	Rate (cfs) 0.05 0.05 0.05 0.05 0.05 0.05 0.05	(cf) 14 28 42 83 167 334 501	Storage           (cf)           702           1,063           1,308           1,735           2,089           2,196           2,050	Storag (cf) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Total Area Weighted Runoff /drologic Ari Allowable Releas Percolation Percolation Rate: Factor of Safety Bottom of Pond A Infiltration Rate: Storage Voli 100-Year Storm Duration (min) 5 10 15 30 60 120	Area: Total Precipitation Event Total Precipitation 0.549 0.836 1.040 1.400 1.730 1.940	age Volume I storm Intensity (in/hr) 6.59 5.02 4.14 2.79 1.73 0.97	Requirement Runoff Coefficient "C" 0.87 0.87 0.87 0.87 0.87 0.87	al Area) fs: 	5.5 2.0 728 0.05 Stormwater Flow (cfs) 2.39 1.82 1.50 1.01 0.63 0.35	sq.ft cfs Accumulated Flow (cf) (cf) 1,349 1,819 2,256 2,529	Release (cfs) 0.00 0.00 0.00 0.00 0.00 0.00	Volume (cf) - - - - - - -	Rate (cfs) 0.05 0.05 0.05 0.05 0.05 0.05	(cf) 14 28 42 83 167 334	Storage           (cf)           702           1,063           1,308           1,735           2,089           2,196	Availab Storag (cf) 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,

2,429 cu. ft.

Retention Requirement Retention Provided by Proposed StormTech



# Precast manhole

# 1. GENERAL

- A. The drawing shows typical pipe connections. Refer to construction drawings for connection locations or refer to field location of existing piping when engineering pipe connection to the manhole.
- B. Manhole size.
- Diameter is 4-feet: For pipe under 12" diameter.
   Diameter is 5-feet: For pipe 12" and larger, or when 3 or more drain pipes intersect the manhole.
- C. Wall thickness:
- 1) Precast reinforced concrete walls 4 3/4" minimum.
- 2) Cast-in-place concrete to be 8 inches thick minimum.

# 2. PRODUCTS

- A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
- B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
- C. Concrete: Class 4000, APWA Section 03 30 04.
- D. Riser and Reducing Riser: ASTM C478.E. Joint Sealant: Rubber based, compressible.
- F. Grout: 2 parts sand to 1 part cement mortar, ASTM C1329.
- G. Stabilization-Separation Geotextile: Moderate or high at CONTRACTOR's choice, APWA Section 31 05 19.

# 3. EXECUTION

A. Foundation Stabilization: Get ENGINEER's permission to use a sewer rock or a sewer rock in a geotextile wrap to stabilize an unstable foundation.

ENGINEERING

LEGEND

840 - 48

N0] 854-

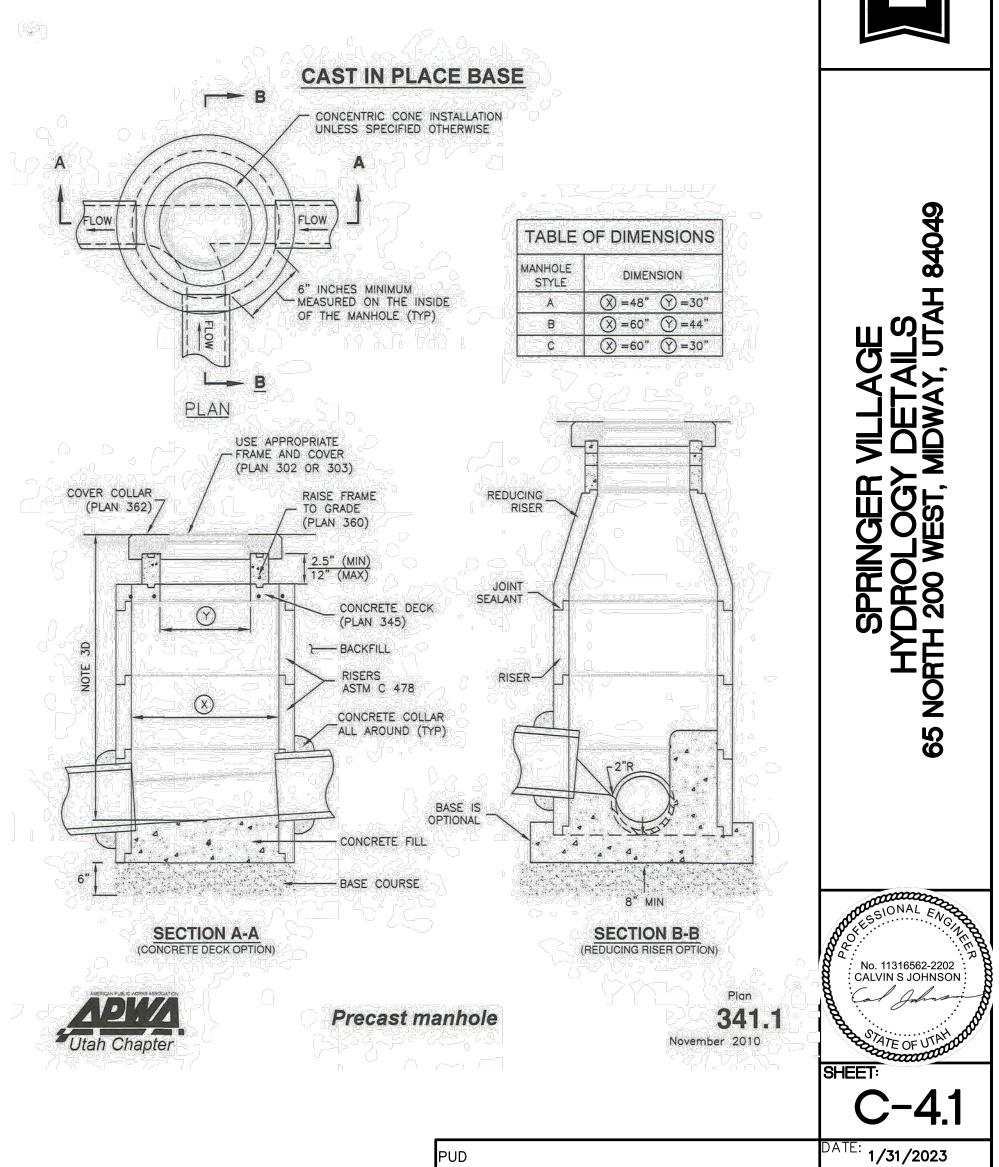
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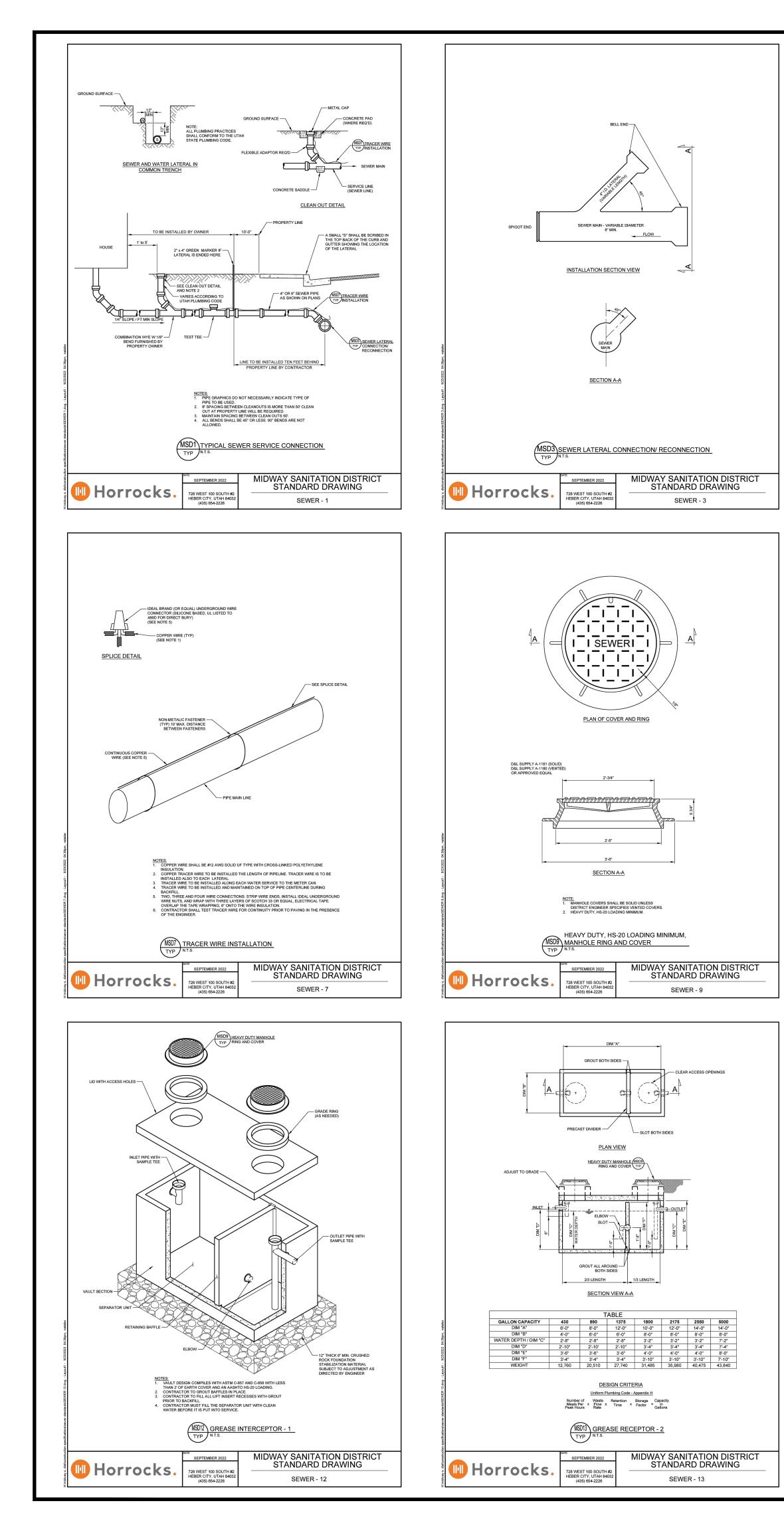
WES BER

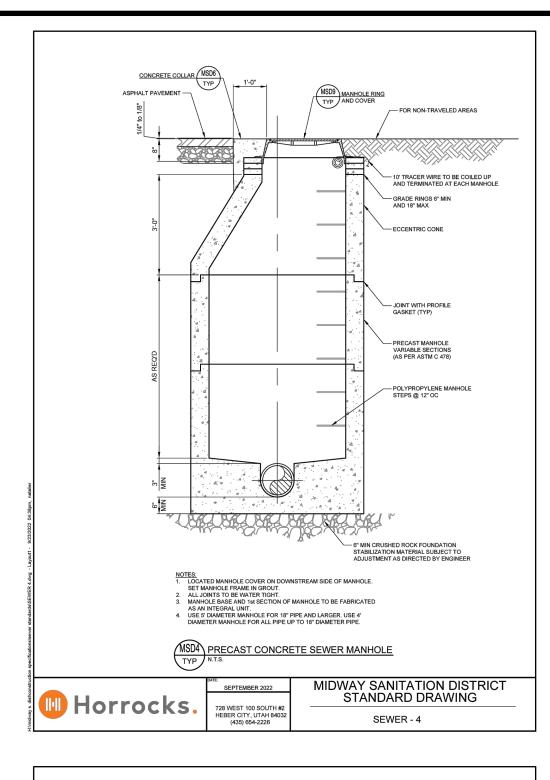
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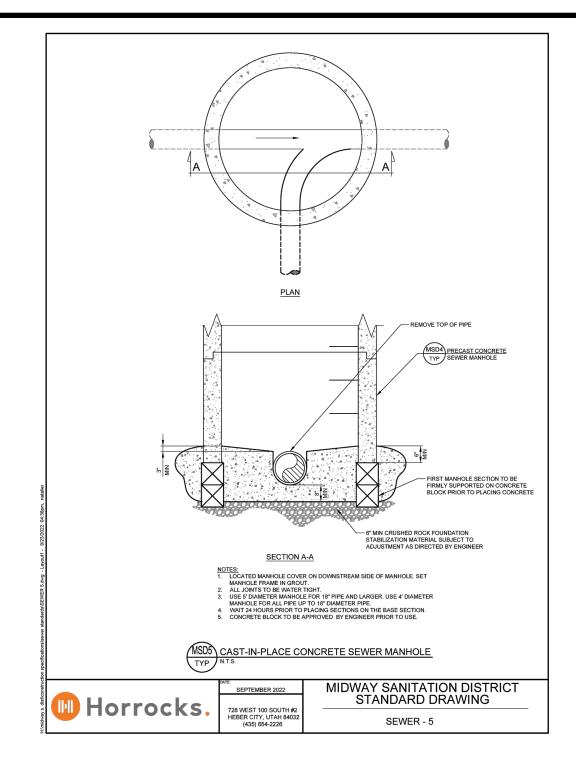
- B. Base Course Placement: APWA Section 32 11 23. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
- C. Invert cover. During construction, place invert covers over the top of pipe in manholes that currently convey sewerage. See Plan 412.
   D. Construct Dask or Boducing Bisory. When donth of manhole from pipe invert to finish.
- D. Concrete Deck or Reducing Riser: When depth of manhole from pipe invert to finish grade exceeds 7 feet, use an ASTM C478 reducing riser.
   E. Disc Connections: Crout ground of pipe apopings
- E. Pipe Connections: Grout around all pipe openings.
  F. Pipe Seal: Install rubber-based pipe seals on all plastic pipes when connecting plastic pipes to manholes. Hold water-stop in place with stainless steel bands.
- G. Joints: Place flexible sealant in all riser joints. Finish with grout.
  H. Adjustment: If the required manhole adjustment is more than 1'-0", remove the cone and grade rings and adjust the manhole elevation with the appropriate manhole section, the cone section, and the grade rings or plastic form to make frame and lid match finish grade.
- I. Finish: Provide smooth and neat finishes on interior of cones, shafts, and rings. Imperfect moldings or honeycombs will not be accepted.
- J. Backfill: Provide backfill against the manhole shaft. Pea gravel and recycled RAP aggregate is NOT ALLOWED. Water jetting is NOT allowed. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.

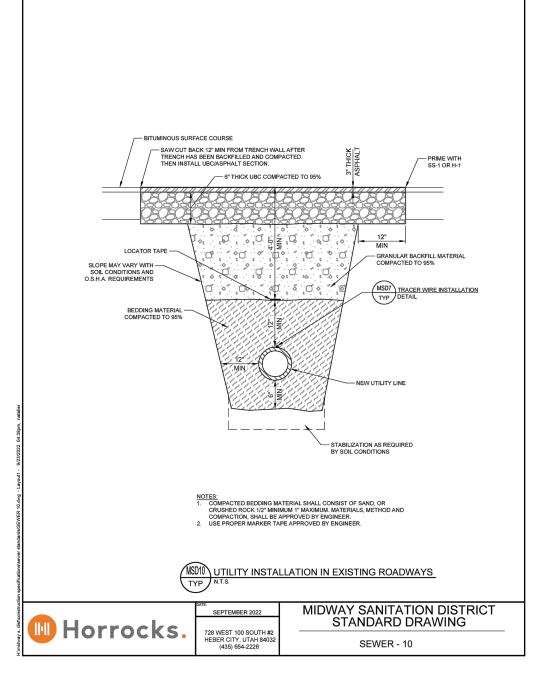
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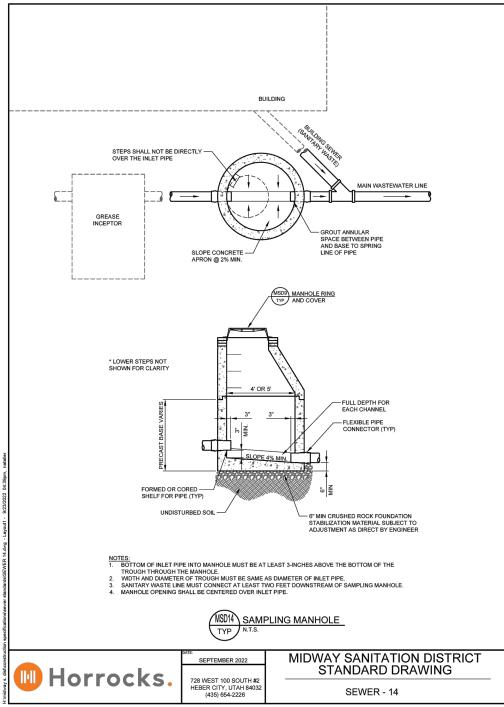


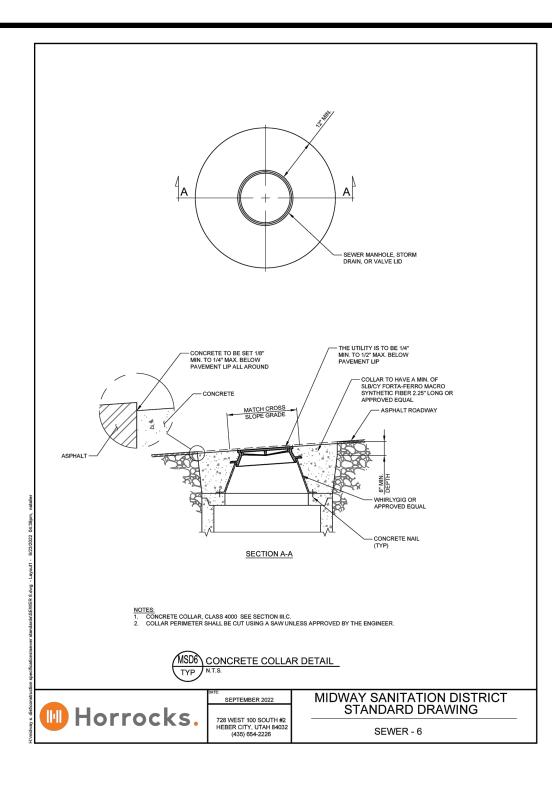


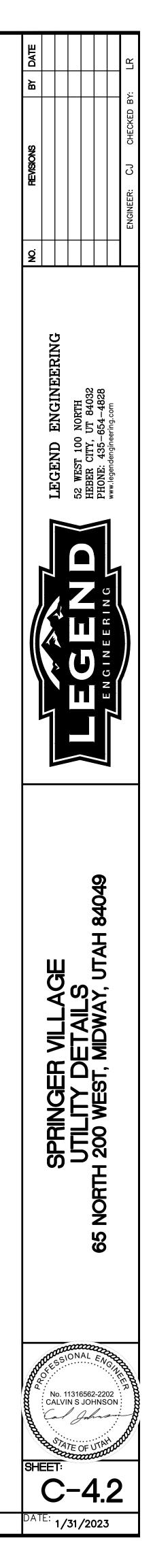




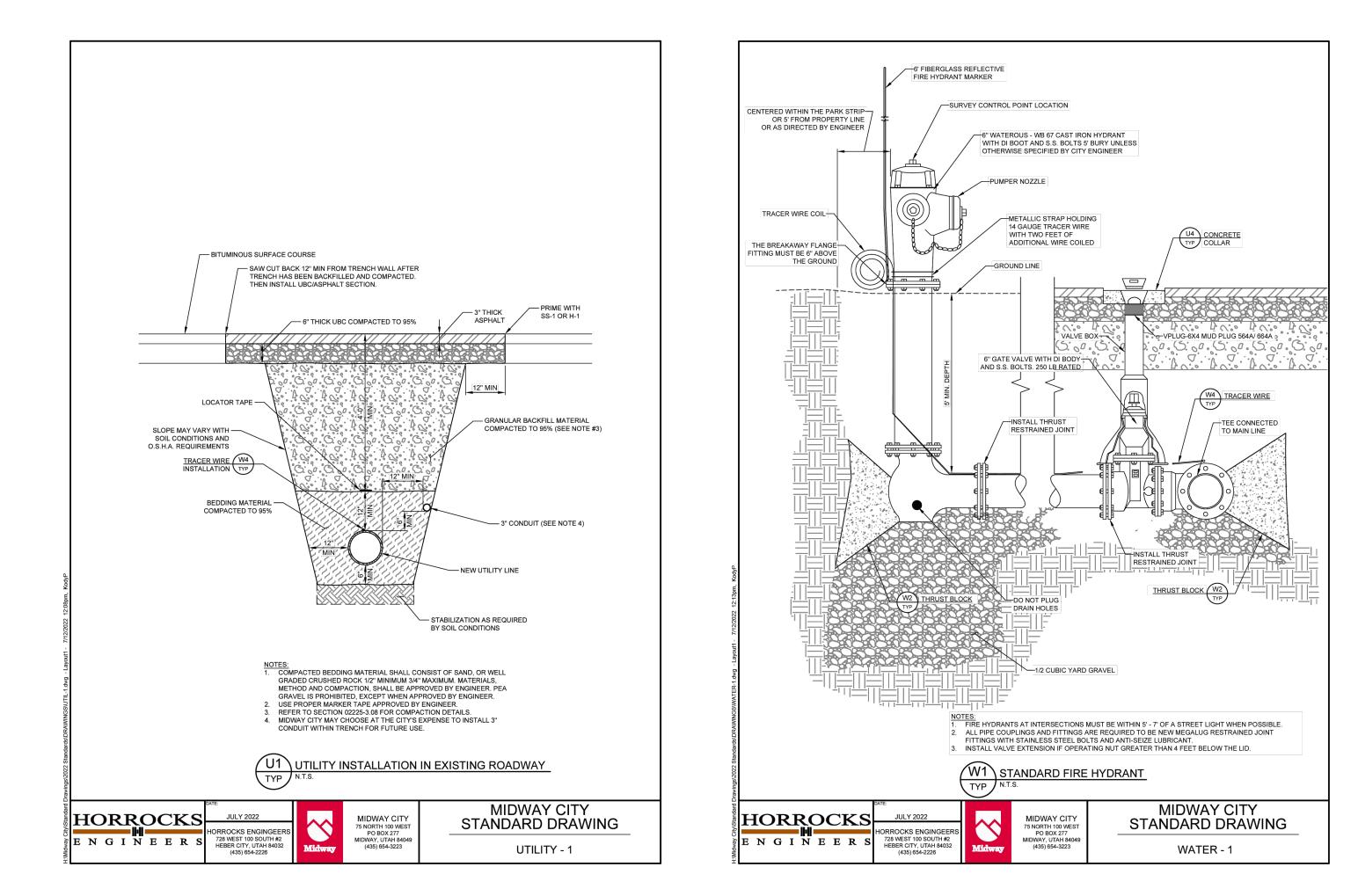


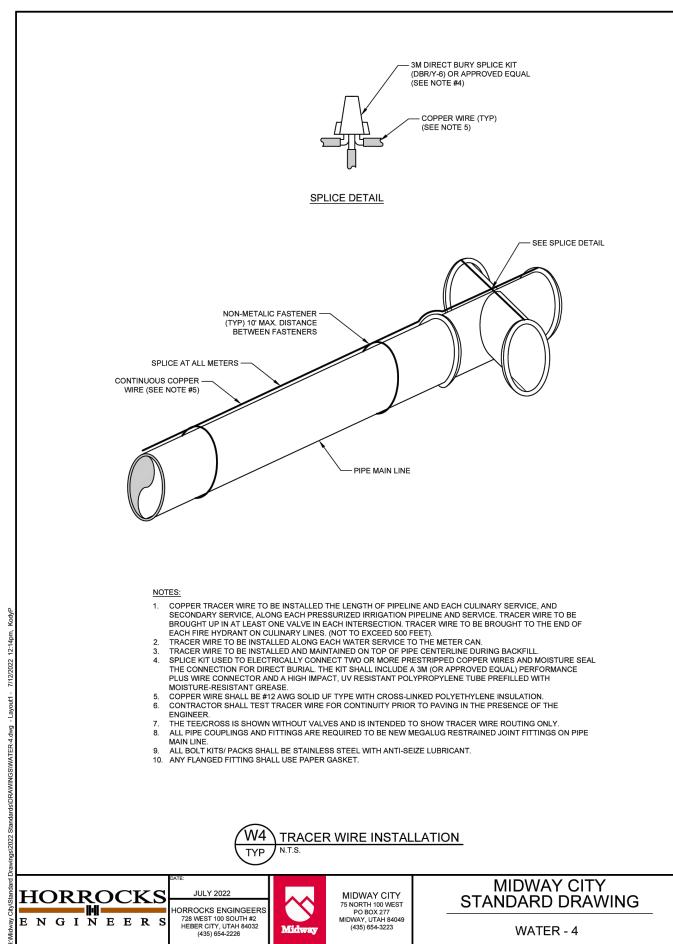


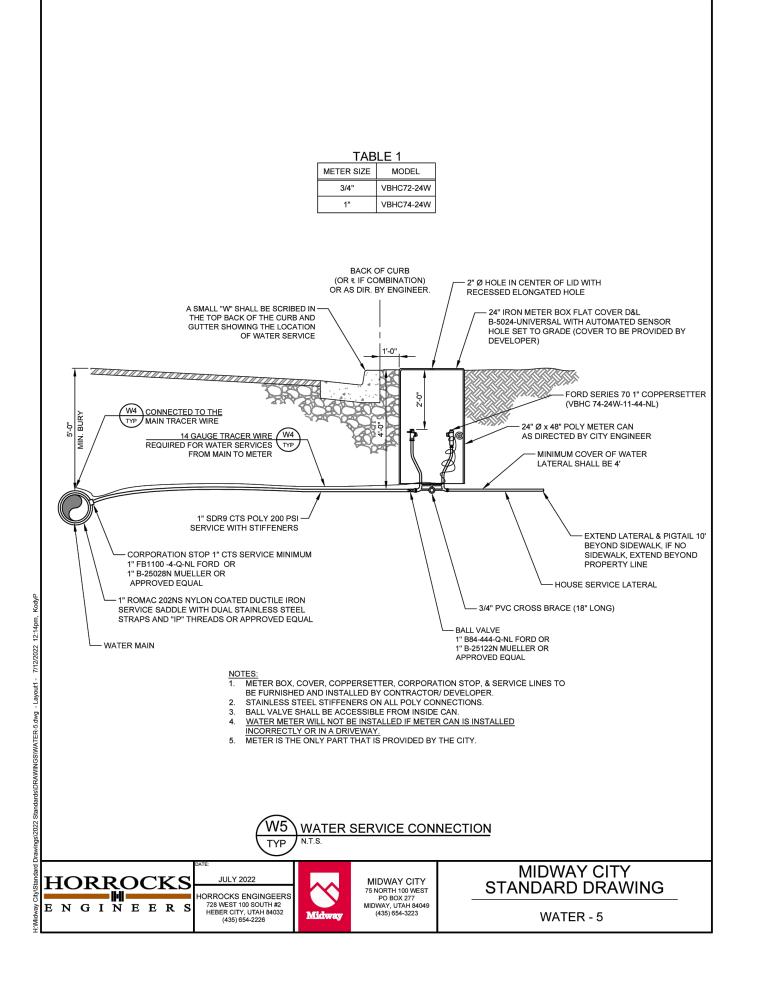


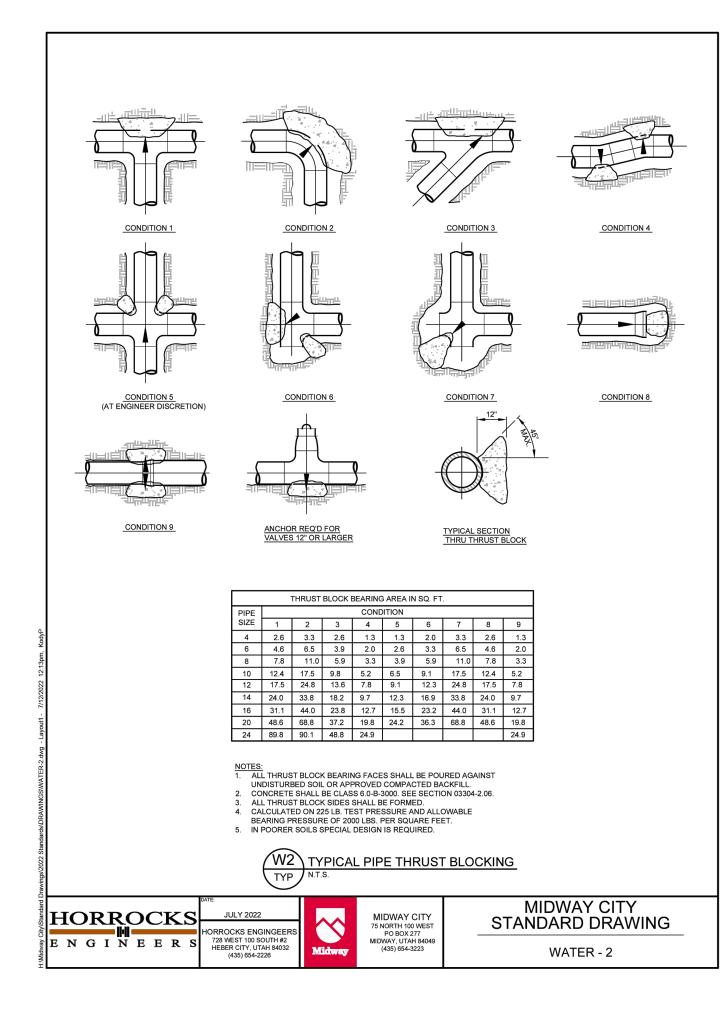


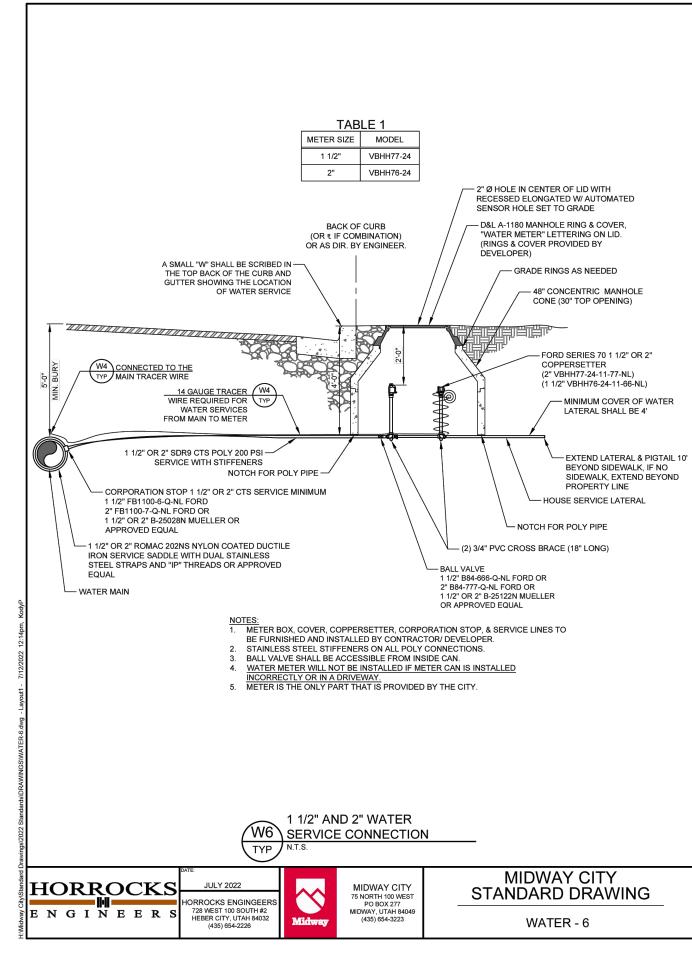
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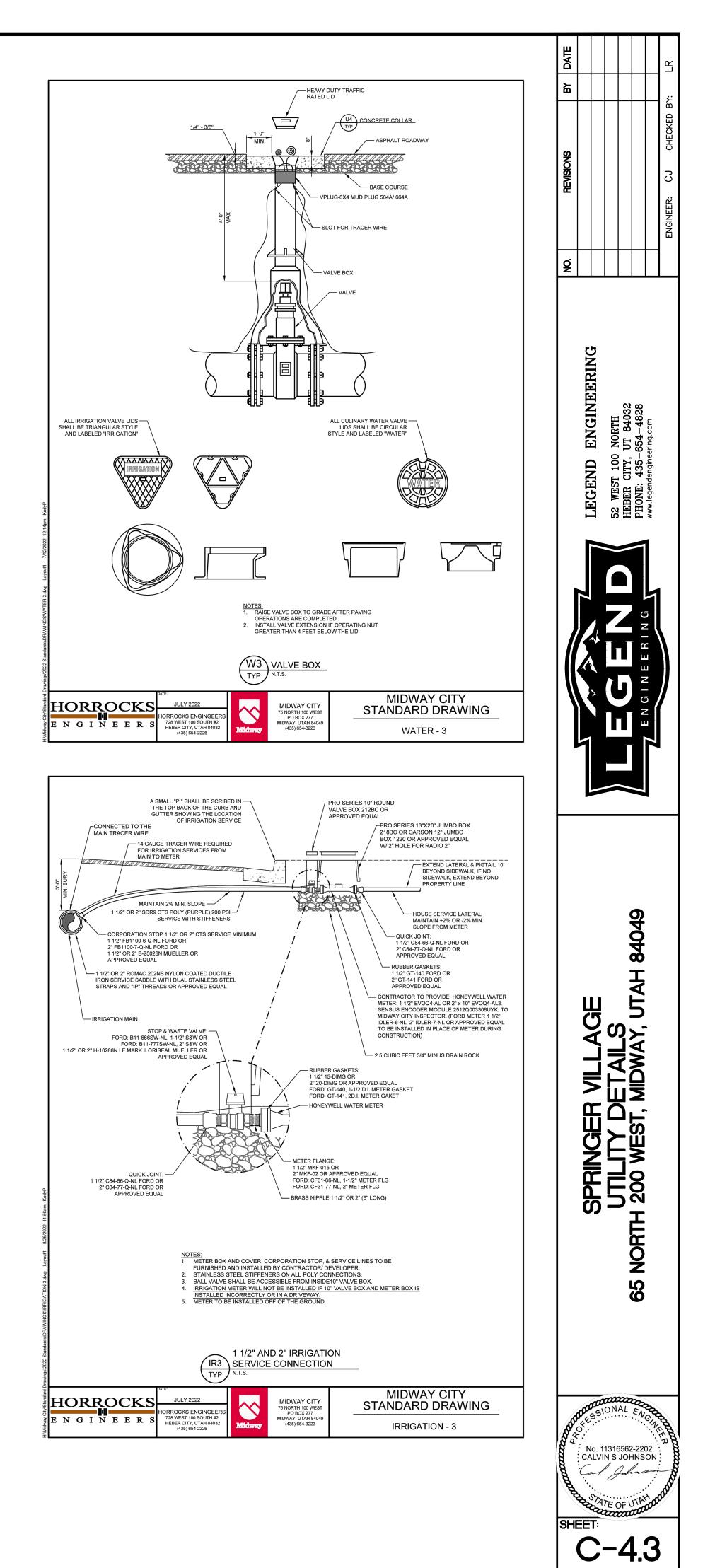






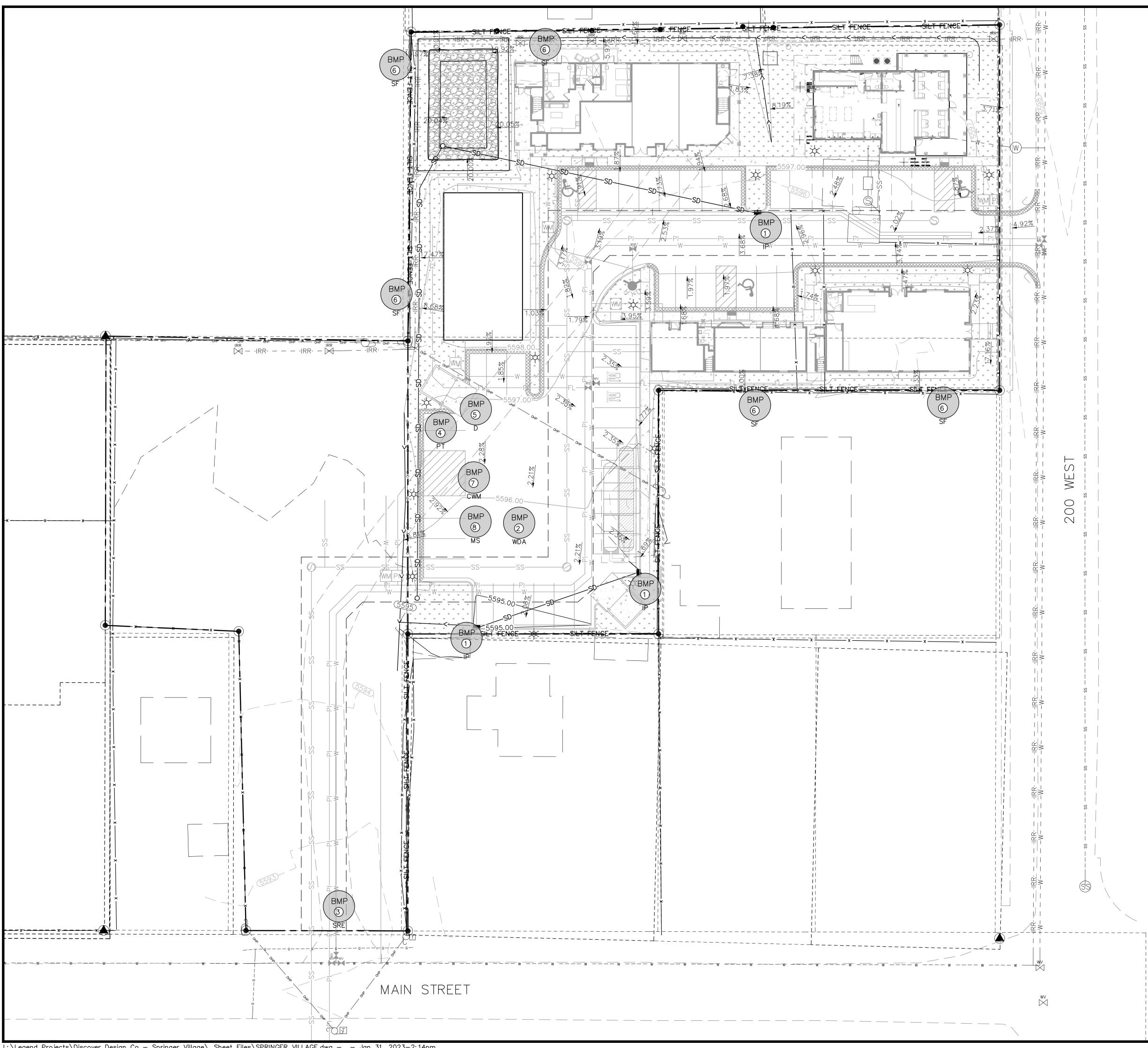






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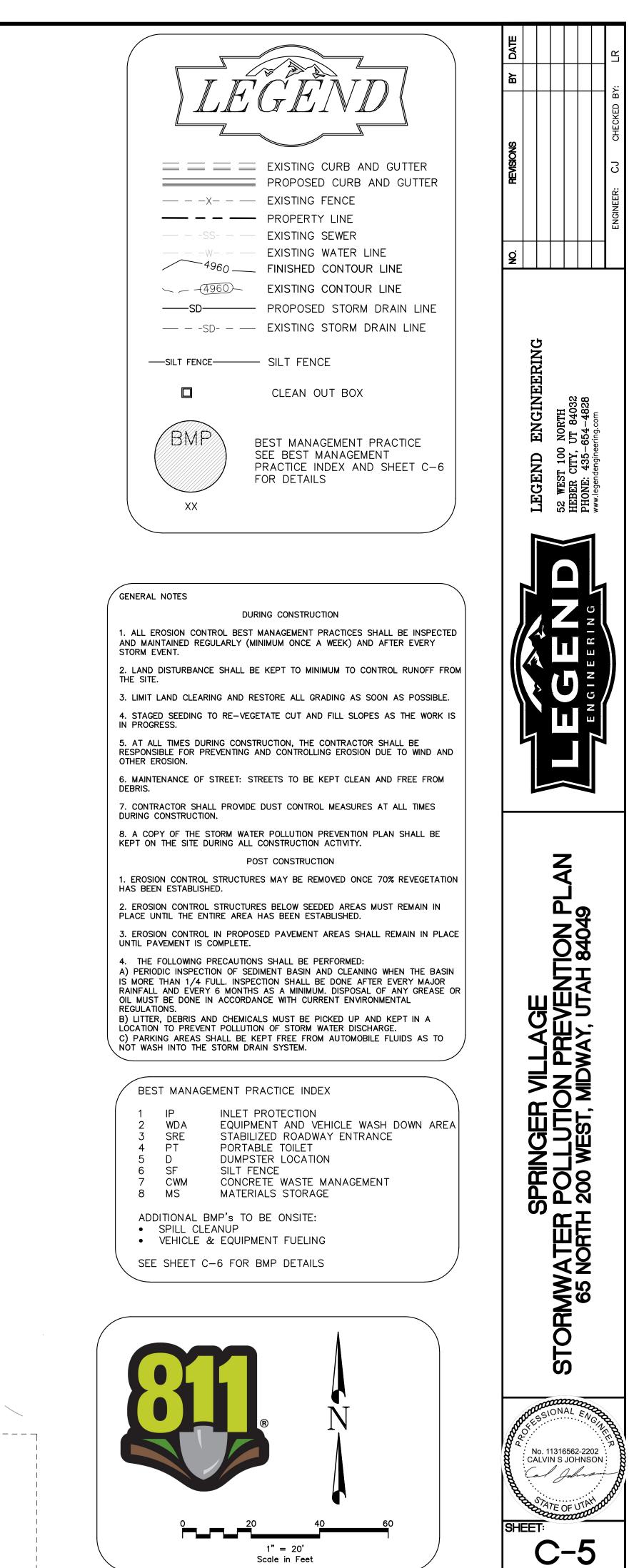
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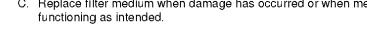
- 1. DESCRIPTION: A temporary stabilized pad of gravel for controlling equipment and
- construction vehicle access to the site.
- 2. APPLICATION: At any site where vehicles and equipment enter the public right of wav
- 3. INSTALLATION/APPLICATION CRITERIA: Refer to APWA Section 01 57 00. A. Clear and grub area and grade to provide maximum slope of 1 percent away from paved roadway.
- B. Compact subgrade. C. Place filter fabric under stone if desired (recommended for entrance area that remains more than 3 months).
- 4. MAINTENANCE:
- A. Requires periodic top dressing with additional stones.
- B. Prevent tracking or flow of mud into the public right-of-way. C. Periodic top dressing with 2 inches stone may be required, as conditions demand,
- and repair any structures used to trap sediments.
- D. Inspect daily for loss of gravel or sediment buildup. E. Inspect adjacent areas for sediment deposit and install additional controls as
- necessary. F. Expand stabilized area as required to accommodate activities.

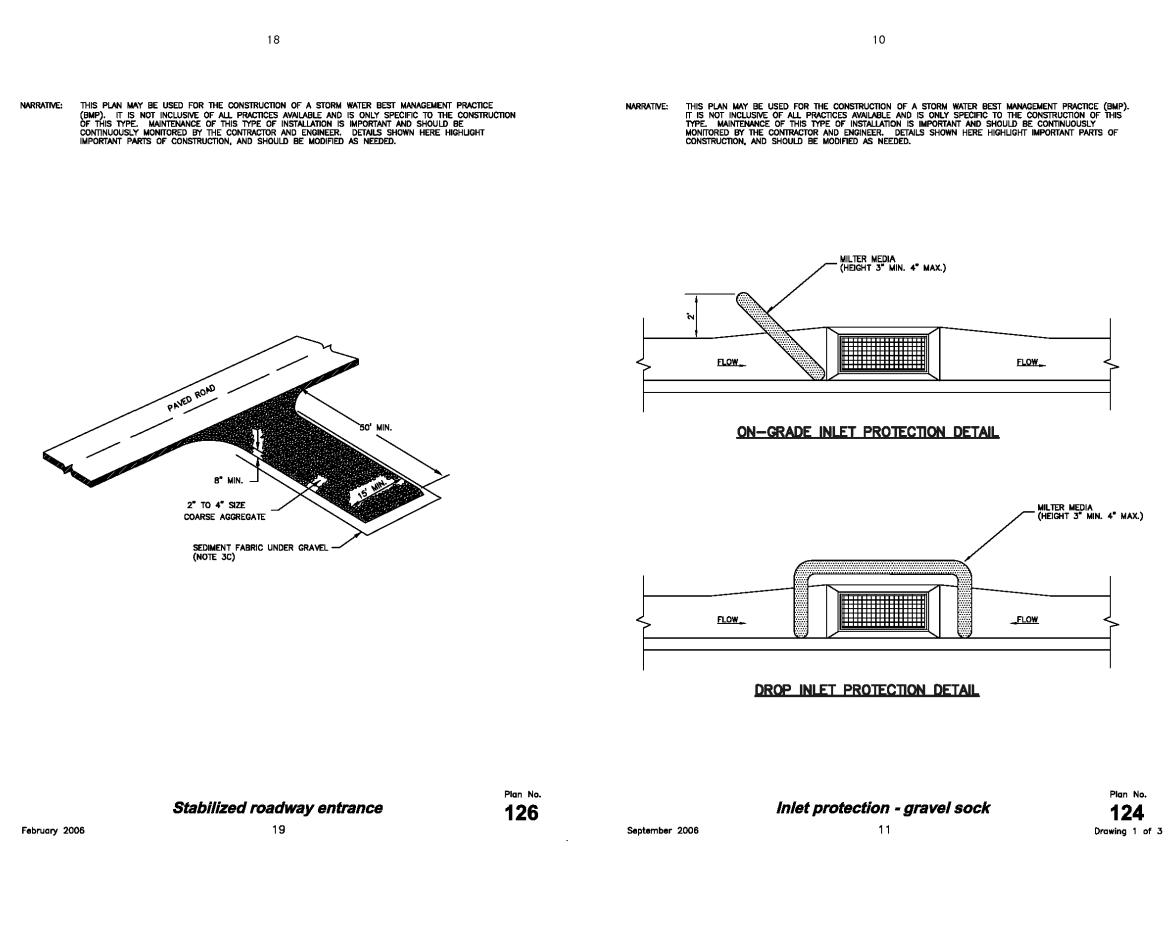
Inlet protection – gravel sock

- drain inlets to filter or pond water runoff 2. APPLICATION: At inlets in paved or unpaved areas where up gradient area is to be
- disturbed by construction activities.
- 3. INSTALLATION/APPLICATION CRITERIA: Refer to APWA Section 01 57 00. A. On-grade inlet protection:
  - 1. On-grade inlet protection should be used when completely blocking a storm drain inlet box would result in forcing water further downstream would cause flooding or other undesirable results.
  - 2. Prepare filter media (gravel sock, straw waddle, or other approved media) in accordance with manufacturer's recommendations. 3. Install filter media just upstream of the inlet box.
  - 4. Filter media shall butt tightly against the face of the curb and angle at approximately a 45 degree angle away from the curb to trap runoff between
  - the media and the curb. 5. Excessive flows will flow either over or around the filter media and into the inlet box.

6. Expect ponding behind the filter media.

- B. Drop inlet protection: 1. Drop inlet protection should be used at low points in the curb and when diverting flows further downstream will not cause undesirable results.
- 2. Prepare filter media (gravel sock, straw waddle, or other approved media) in
- accordance with manufacturer's recommendations. 3. Install filter media around the entire perimeter of the inlet grate.
- 4. Filter media shall butt tightly against the face of the curb on both sides of the inlet grate.
- 5. Excessive flows will either flow around the media or over the top and into the inlet box
- 6. Expect ponding around the inlet box.
- 4. MAINTENANCE:
- A. Inspect inlet protection after every large storm event and at a minimum of once
- monthly. B. Remove sediment accumulated when it reaches 2 inches in depth. C. Replace filter medium when damage has occurred or when medium is no longer





# 1. DESCRIPTION: Placement of gravel sock on grade upstream of, or in front of storm

# Silt fence

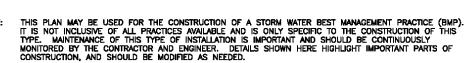
- 1. DESCRIPTION: A temporary sediment barrier consisting of a filter fabric stretched across and attached to supporting posts and entrenched.
- 2. APPLICATION: To intercept sediment from disturbed areas of limited extent. A. Perimeter Control: Place barrier at down gradient limits of disturbance. Sediment Barrier: Place barrier at toe of slope or soil stockpile. C. Protection of Existing Waterways: Place barrier at top of stream bank.
- D. Inlet Protection. 3. INSTALLATION/APPLICATION CRITERIA: Refer to APWA Section 01 57 00.
- A. Synthetic filter fabric shall be a pervious sheet of propylene, nylon, polyester, or polyethylene yarn. Synthetic filter fabric shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of 6 months of expected usable construction life at a temperature range of 0 deg. F. to 120 deg. F. B. Burlap shall be 10 ounces per square yard of fabric.
- C. Posts for silt fences shall be either 2" x 4" diameter wood, or 1.33 pounds per linear foot steel with a minimum length of 5 feet. Steel posts shall have projections for fastening wire to them.
- D. The fabric is cut on site to desired width, unrolled, and draped over the barrier. The fabric toe is secured with rocks or dirt. The fabric is secured to the mesh with twin, staples or similar devices.
- E. When attaching two silt fences together, place the end post of the second fence inside the end post of the first fence. Rotate both posts at least 180 degrees on a clockwise direction to create a tight seal with the filter fabric. Drive both posts into the ground and bury the flap.
- F. When used to control sediments from a steep slope, silt fences should be placed away from the toe of the slope for increased holding capacity.
- 4. MAINTENANCE: A. Inspected immediately after each rainfall and at least daily during prolonged rainfall.
- B. Should the fabric on a silt fence or filter barrier decompose or become ineffective before the end of the expected usable life and the barrier still be necessary, the fabric shall be replaced promptly.
- C. Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier. D. Re-anchor fence as necessary to prevent shortcutting.

THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS MEEDED.

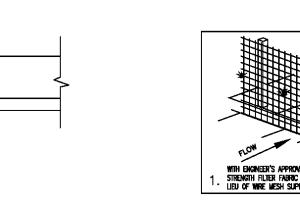
E. Inspect for runoff bypassing ends of barriers or undercutting barriers.

# Equipment and vehicle wash down area

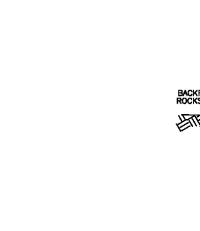
- 1. DESCRIPTION: A temporary stabilized pad of gravel for general washing of equipment and construction vehicles.
- 2. APPLICATION: At any site where regular washing of vehicles and equipment will occur. May also be used as a filling point for water trucks limiting erosion caused by overflow or spillage of water.
- 3. INSTALLATION/APPLICATION CRITERIA: Refer to APWA Section 01 57 00. A. Clear and grub area and grade to provide maximum slope of 1 percent away from paved roadway.
- B. Compact subgrade. C. Place filter fabric under wash down area if desired (recommended for wash area that remains more than 3 months). D. Install silt fence down gradient (see Plan No. 122)
- 4. MAINTENANCE: A. Requires periodic top dressing with additional stones. B. Solely used to control sediment in wash water. Cannot be utilized for washing equipment or vehicles that may cause contamination of runoff (such as fertilizer equipment or concrete equipment).
- C. The wash area shall be maintained in a condition that will prevent tracking or flow of mud onto public rights-of-way. D. Periodic top dressing with 2 inch stone may be required, as conditions demand,
- and repair any structures used to trap sediments. E. Inspect daily for loss of gravel or sediment buildup. F. Inspect adjacent area for sediment deposit and install additional controls as
- necessarv. G. Expand stabilized area as required to accommodate activities. H. Maintain silt fence as outlined in Plan No. 122.



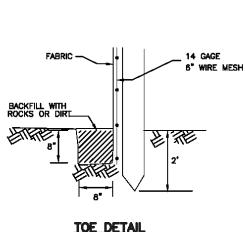
SLIT FENCE (PLAN No. 122



AVOID JOINTS (NOTE 3E)

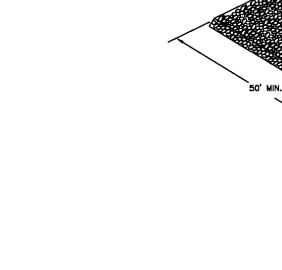


February 200



TOE DETAIL

Silt fence



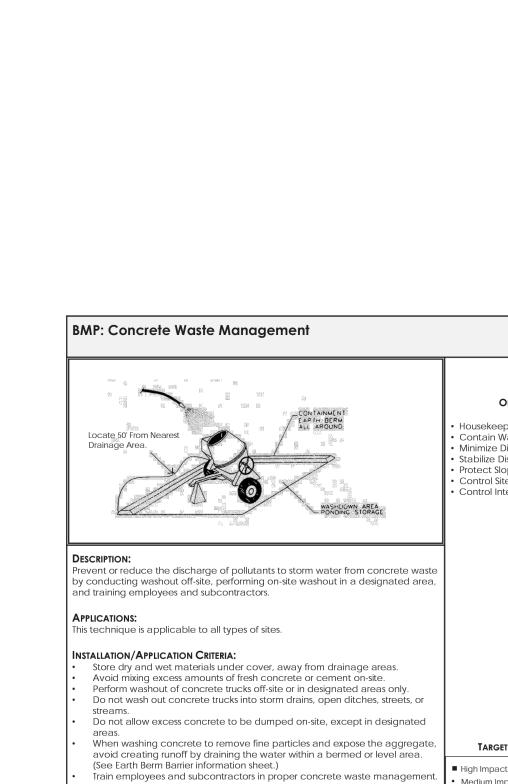
February 2006

COARSE AGGREGATE 2" TO 4" SIZE

Equipment and vehicle wash down area

WASH DOWN AREA

122



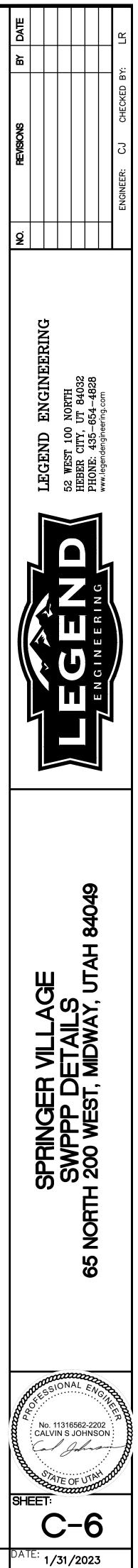
LIMITATIONS: Off-site washout of concrete wastes may not always be possible.

MAINTENANCE: Inspect subcontractors to ensure that concrete wastes are being properly managed.

If using a temporary pit, dispose hardened concrete on a regular basis.

Materials Adoped from Salt Lake County Engineering Division Guidance Document





. SECURE MESH TO POSTS WITH WIRE STAPLES 1" LONG OR TIE WIRES OR HOG RINGS 2. SECURE FABRIC TO MESH WITH TWINE, STAPLES OR SIMILAR



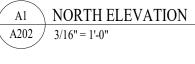
Plan No. 125

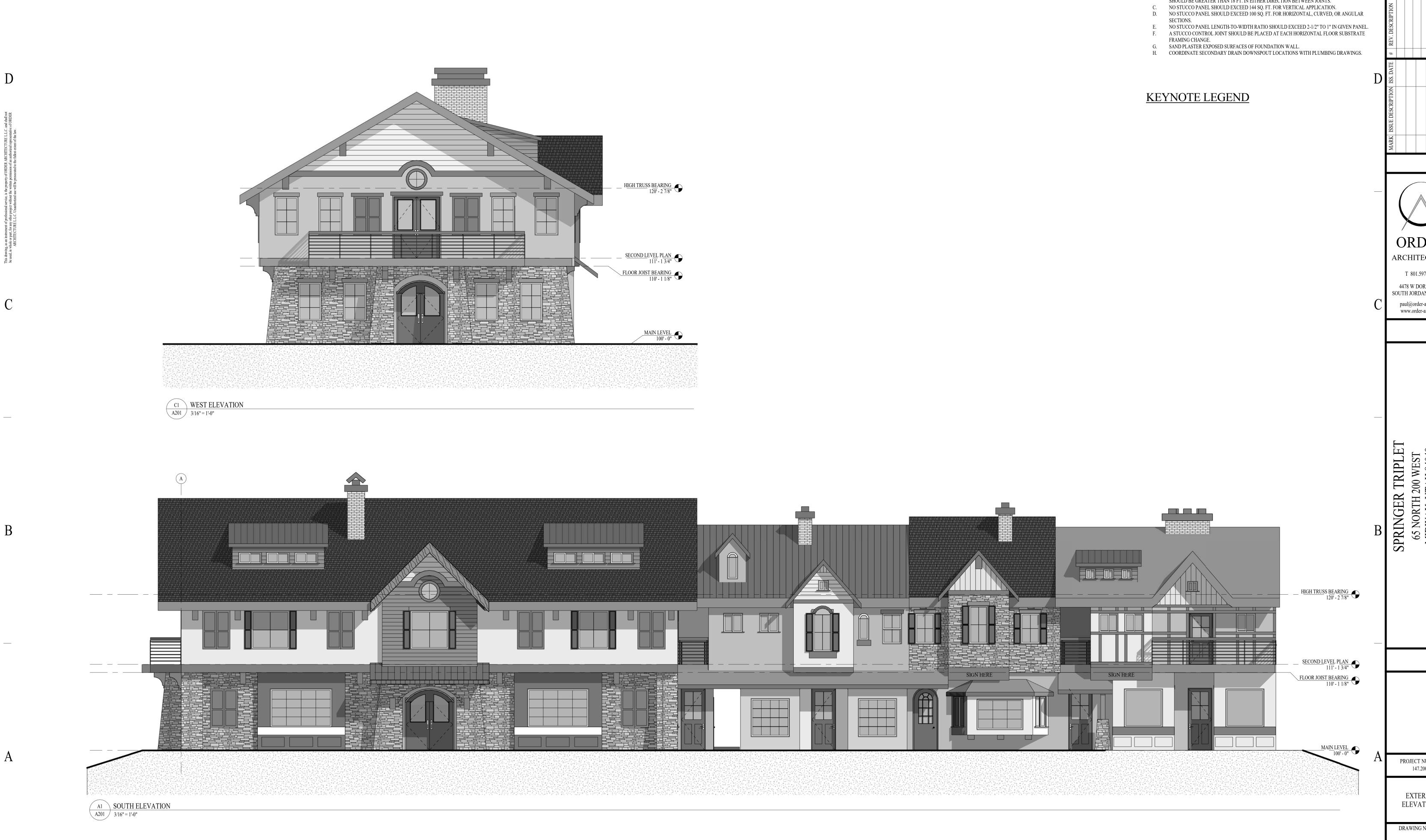
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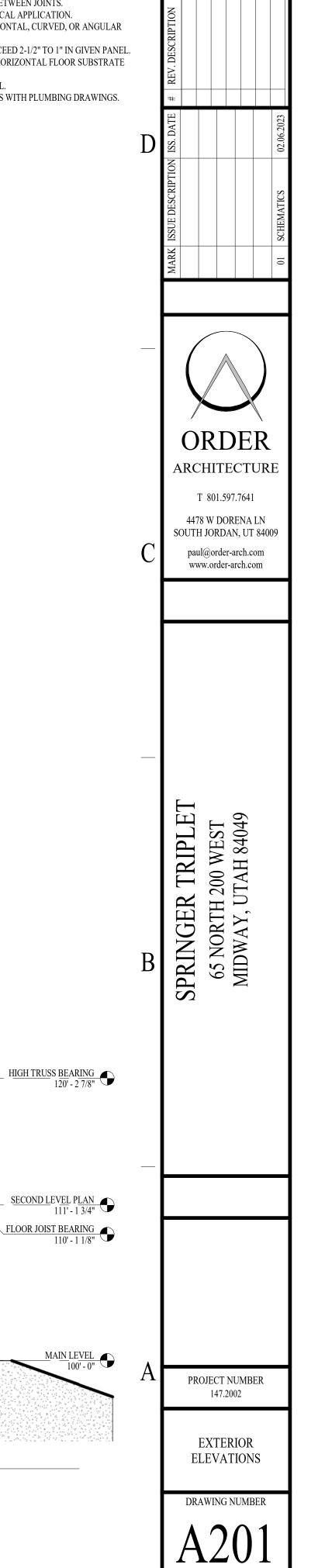






- A. SEE SHEET A101 FOR DOOR AND WINDOW TYPES.
- B. STUCCO CONTROL JOINTS TO BE PLACED AS SHOWN ON ELEVATIONS BUT NO LENGTH SHOULD BE GREATER THAN 18 FT. IN EITHER DIRECTION BETWEEN JOINTS.







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Wasatch County Solid Waste Disposal Dist. 1891 West 3000 South P.O. Box 69 Heber City, Utah 84032

February 15, 2023

Travis Nokes Travis Nokes <discoverydisignco@gmail.com> Re: Refuse Collection Service for parcel # 0006-0371 Retail Space

Dear Travis Nokes:

Wasatch County Solid Waste Disposal District currently collects refuse in the area of the above referenced parcel in Midway Utah. Your request for refuse collection service at the proposed Subdivision located approximately 65 N 200 W, Midway; UT will be set up for service with a Commercial Front Load Dumpster.

All private roads must be maintained for sufficient access. Roadways must be clear of vehicles and debris during construction on collection day.

All residents of Wasatch County are required to have collection service whether full or part time residents. A setup fee must be paid at the time a building permit is issued.

This letter should also be included in your development agreement.

Sincerely,

Kelly Christensen Wasatch County Solid Waste Disposal District (435) 657-3280

mgiles@wasatch.utah.gov

