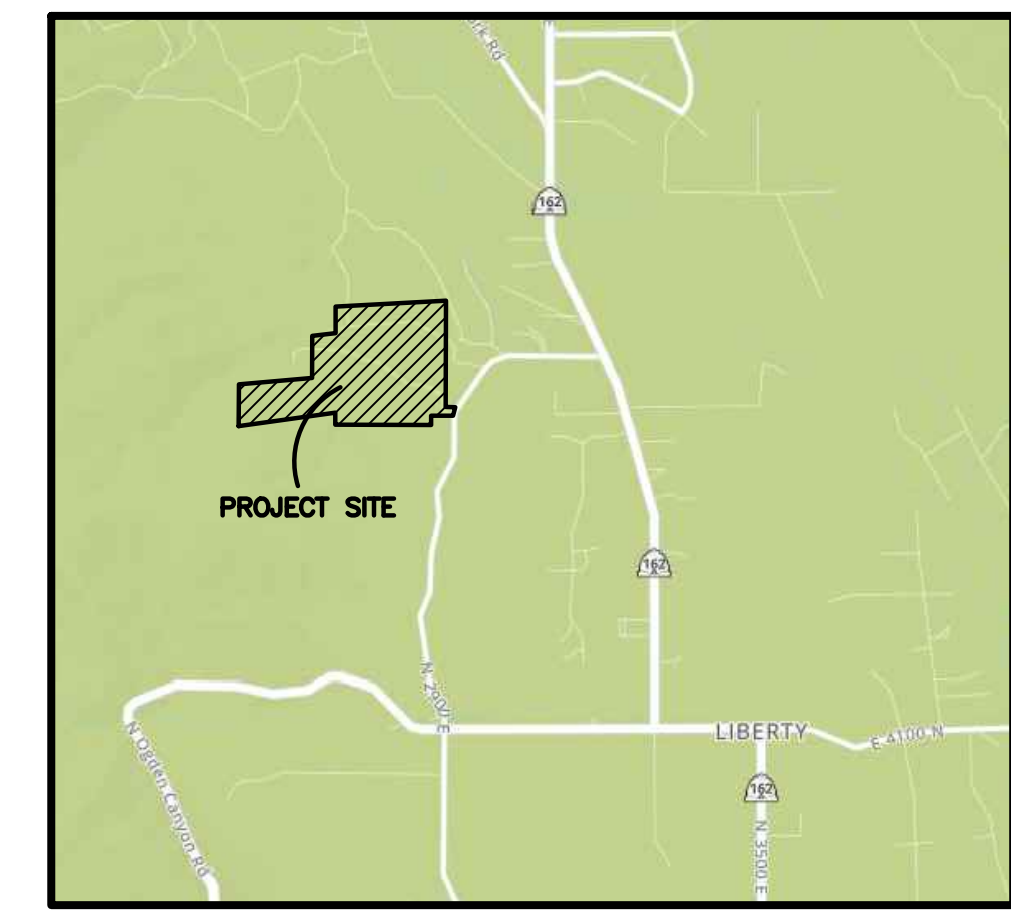


Project Narrative/Notes/Revisions

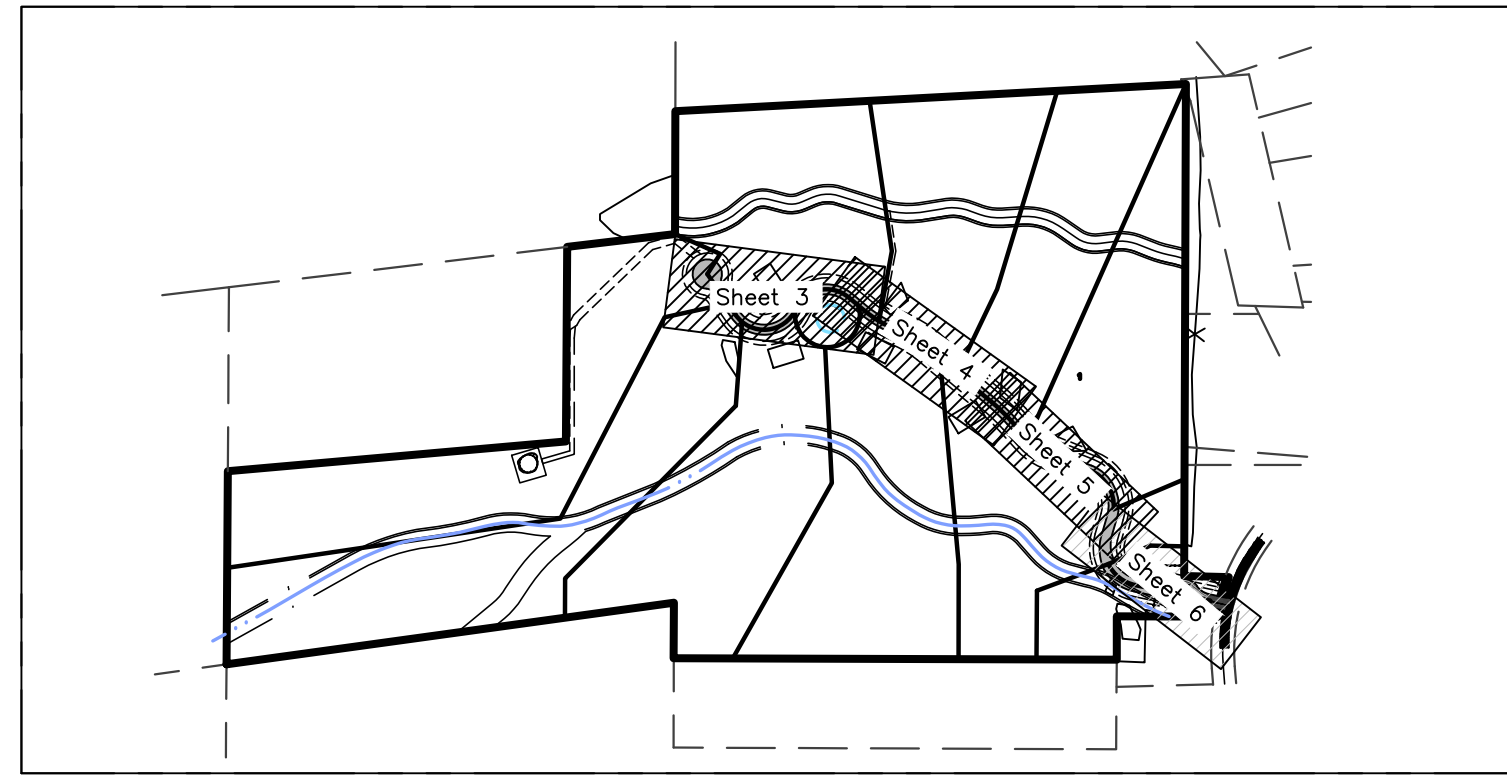
- 08/21/2023 ZD - COMPLETED DESIGN FOR CLIENT & CITY REVIEW.
- 12/21/2023 ZD - CLIENT COMMENTS
- 03/18/2024 ZD - CITY COMMENTS

ARROWLEAF Improvement Plans

EDEN, WEBER COUNTY, UTAH
FEBRUARY, 2023



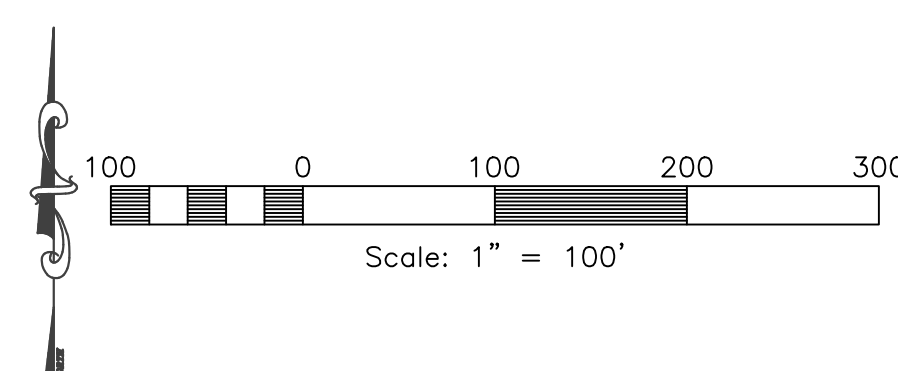
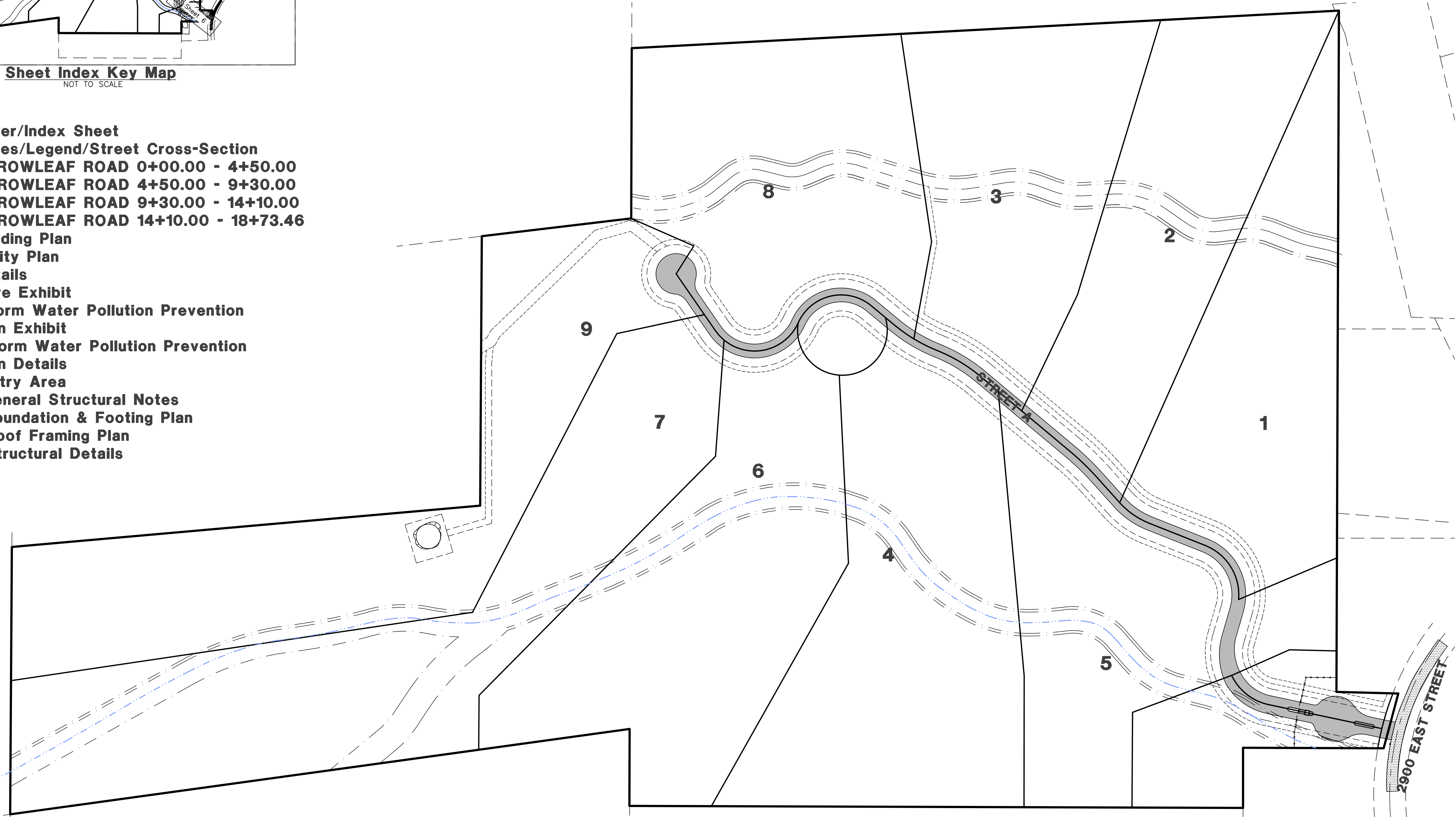
Vicinity Map
NOT TO SCALE



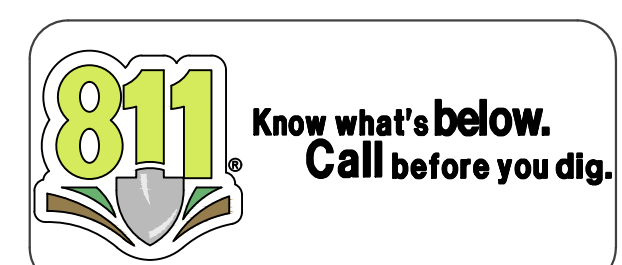
Sheet Index Key Map
NOT TO SCALE

Sheet Index

- Sheet 1 - Cover/Index Sheet
- Sheet 2 - Notes/Legend/Street Cross-Section
- Sheet 3 - ARROWLEAF ROAD 0+00.00 - 4+50.00
- Sheet 4 - ARROWLEAF ROAD 4+50.00 - 9+30.00
- Sheet 5 - ARROWLEAF ROAD 9+30.00 - 14+10.00
- Sheet 6 - ARROWLEAF ROAD 14+10.00 - 18+73.46
- Sheet 7 - Grading Plan
- Sheet 8 - Utility Plan
- Sheet 9 - Details
- Sheet 10 - Fire Exhibit
- Sheet 11 - Storm Water Pollution Prevention Plan Exhibit
- Sheet 12 - Storm Water Pollution Prevention Plan Details
- Sheet 13 - Entry Area
- Sheet S1 - General Structural Notes
- Sheet S2 - Foundation & Footing Plan
- Sheet S3 - Roof Framing Plan
- Sheet S4 - Structural Details



Engineer's Notice To Contractors:
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM AVAILABLE INFORMATION PROVIDED BY OTHERS. THE LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR IS REQUIRED TO CONTACT THE UTILITY COMPANIES AND TAKE DUE PRECAUTIONARY MEASURE TO PROTECT ANY UTILITY LINES SHOWN, AND ANY OTHER LINES OBTAINED BY THE CONTRACTOR'S RESEARCH, AND OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.



Surveyor:
Jason Felt
Reeve & Associates, Inc.
5160 South 1500 West
Riverdale, Utah, 84405
PH:(801) 621-3100

Developer Contact:
Dave & Sara Chugg
1648 Farr West Dr.
Ogden, UT, 84404
PH: (801) 420-8814

Project Contact:
Jeremy Draper
Reeve & Associates, Inc.
5160 South 1500 West
Riverdale, Utah, 84405
PH:(801) 621-3100

Reeve & Associates, Inc.
5160 SOUTH 1500 WEST, RIVERDALE, UTAH 84405
TEL: (801) 621-3100 www.reeve.co

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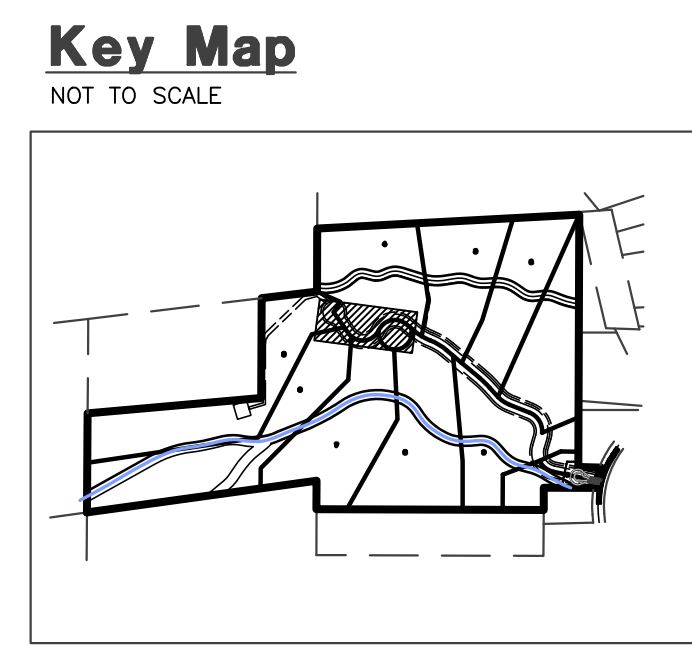
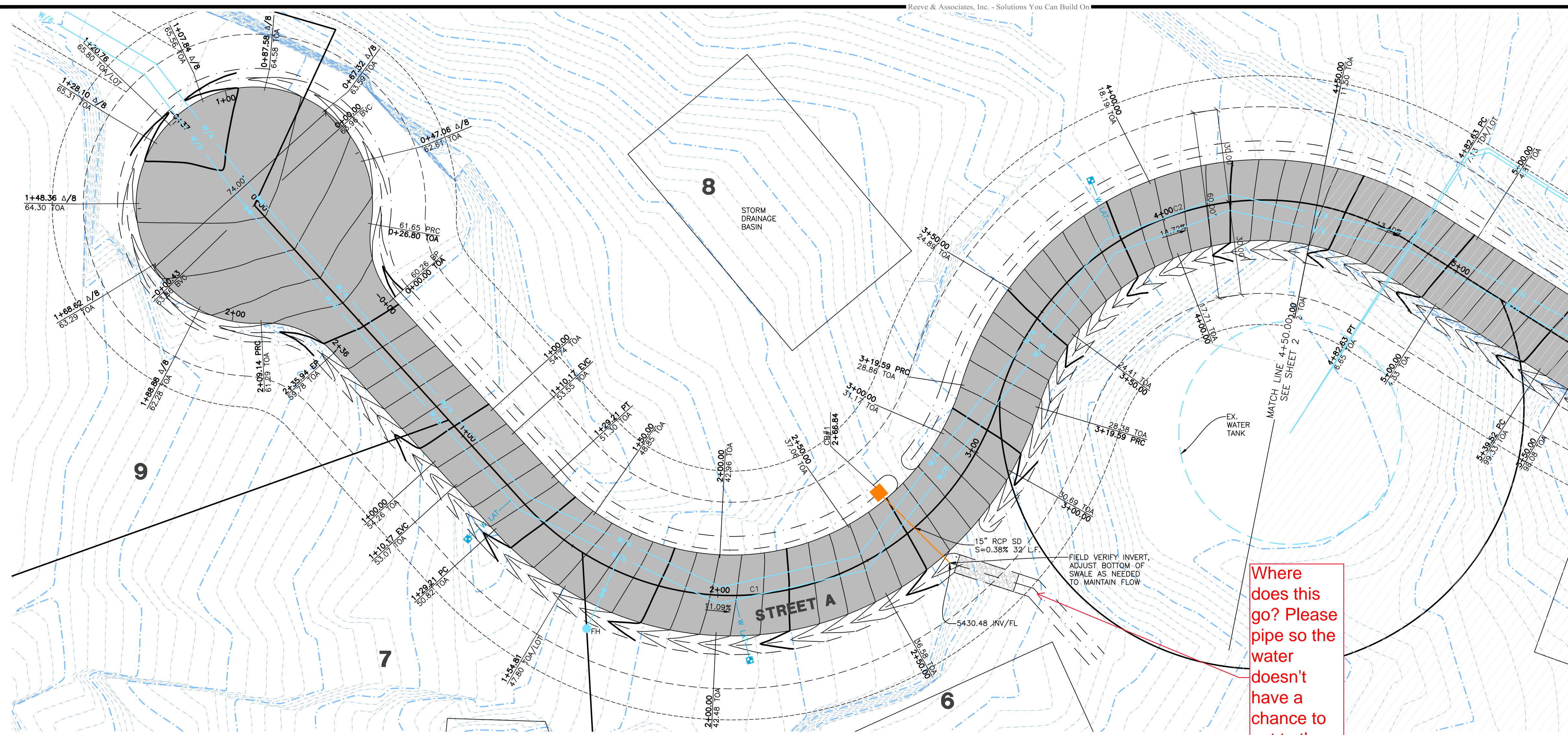
REVISIONS	DATE	DESCRIPTION
	03-18-24	ZD City Comments

Arrowleaf
PART OF THE SECTION 18, T.7N., R.1E., S.11B & M., U.S. SURVEY
EDEN, WEBER COUNTY, UTAH

Cover/Index Sheet



Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafted: Z. DECARIA
Begin Date: JUNE 2022
Name: ARROWLEAF
Number: 7895-01



Construction Notes:

- ALL CONSTRUCTION IS TO CONFORM TO THE CITY STANDARD DRAWINGS AND SPECIFICATIONS.

STORM DRAIN
 SD/15 - 15" RCP CLASS III STORM DRAIN
 15" RCP CULVERTS TO BE INSTALLED AT DRIVEWAY LOCATIONS

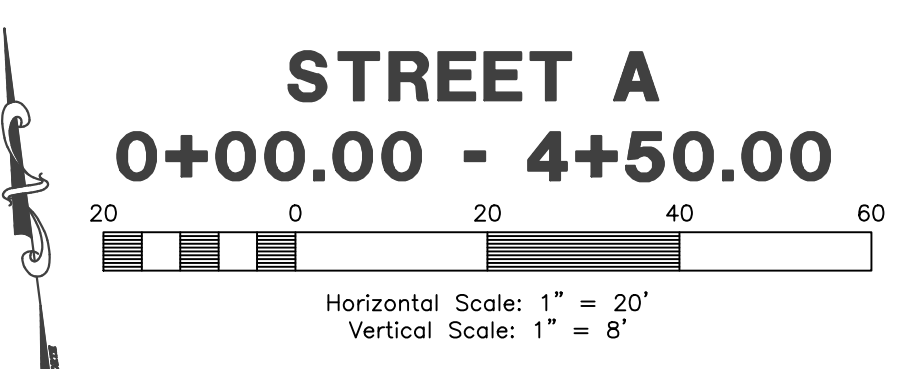
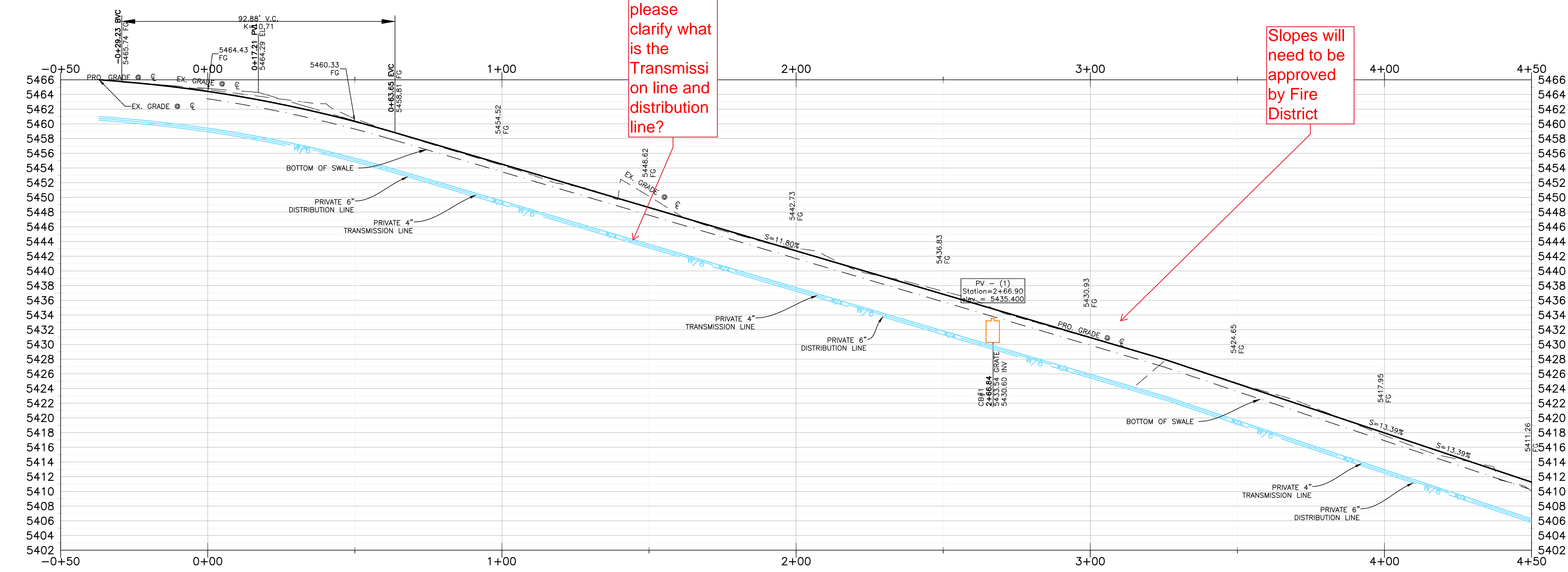
Centerline Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C1	121°12'07"	90.00'	190.38'	159.73'	N84°43'51"E	156.82'
C2	105°36'57"	88.45'	163.04'	116.56'	N76°56'16"E	140.91'

Where does this go? Please pipe so the water doesn't have a chance to get to the existing water tank.

Can you please clarify what is the Transmission line and distribution line?

Slopes will need to be approved by Fire District



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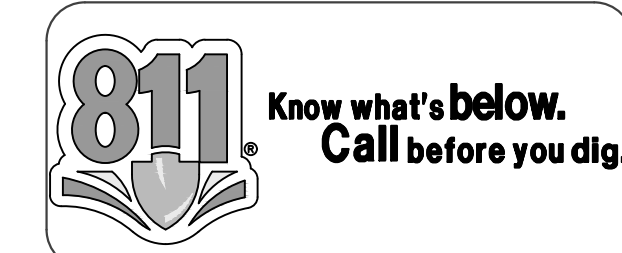
REVISIONS	DATE	DESCRIPTION
03-18-24	ZD	City Comments

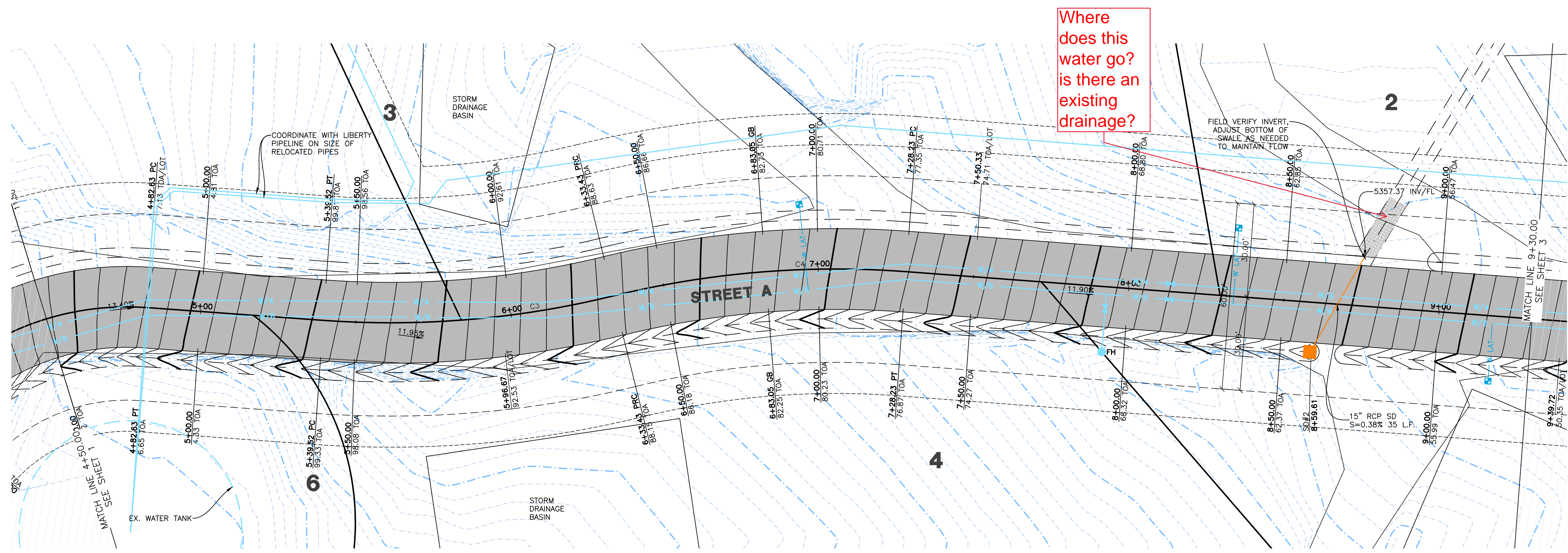
Arrowleaf
 PART OF THE SECTION 18, T.7N., R.1E., S.L.B. & M., U.S. SURVEY
 EDEN, WEBER COUNTY, UTAH

STREET A 0+00.00 - 4+50.00



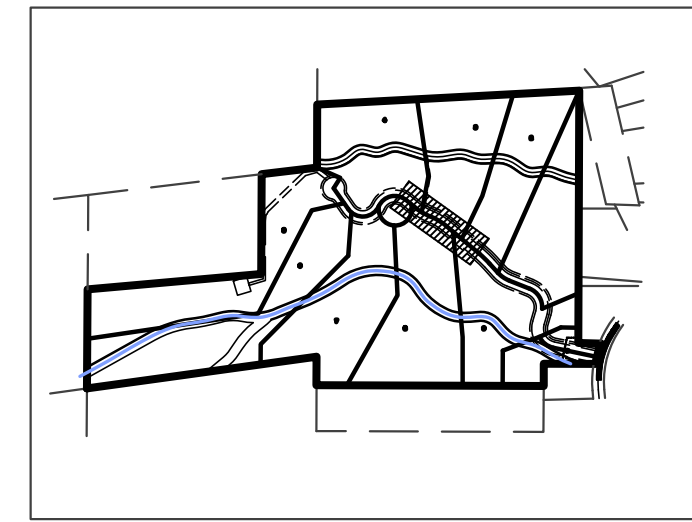
Project Info.
 Engineer: JEREMY A. DRAPER, P.E.
 Drafter: Z. DECARIA
 Begin Date: JUNE 2022
 Name: ARROWLEAF
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Key Map

NOT TO SCALE



Construction Notes:

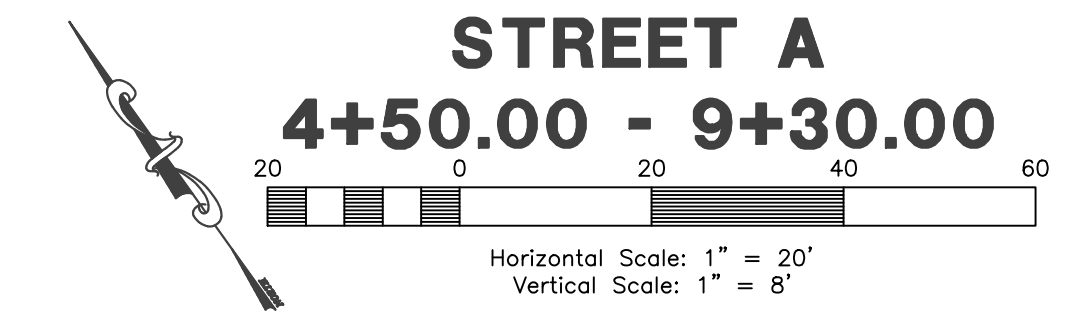
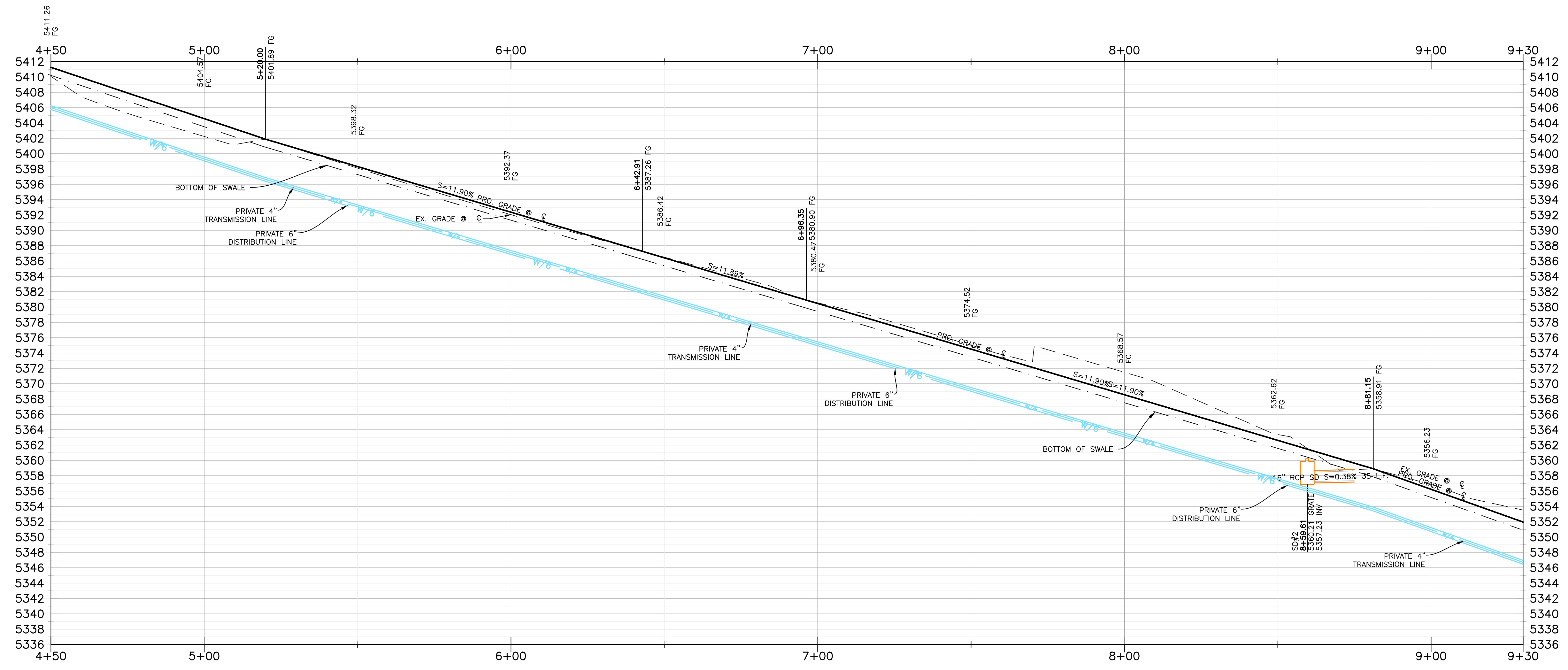
- 1) ALL CONSTRUCTION IS TO CONFORM TO THE CITY STANDARD DRAWINGS AND SPECIFICATIONS.

STORM DRAIN

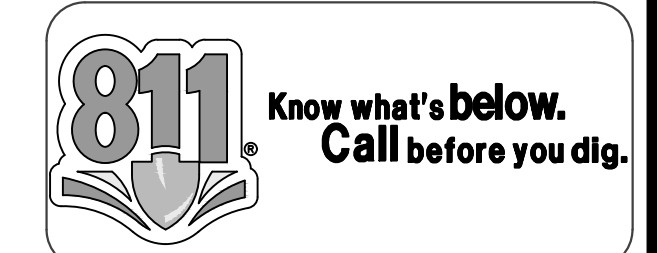
SD/15 - 15" RCP CLASS III STORM DRAIN
15" RCP CULVERTS TO BE INSTALLED AT DRIVEWAY LOCATIONS

Centerline Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C3	175°6'07"	300.00'	93.91'	47.34'	S59°13'19"E	93.53'
C4	18°06'20"	300.00'	94.80'	47.80'	S59°08'12"E	94.41'



STREET A
4+50.00 - 9+30.00



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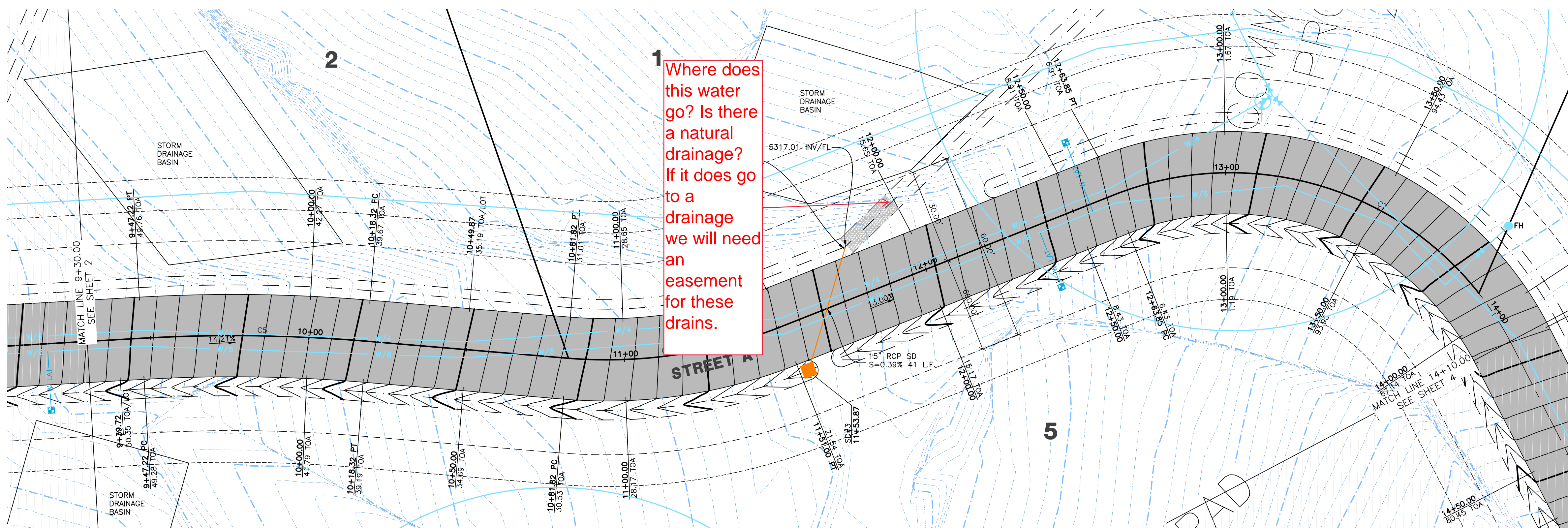
REVISIONS	DATE	DESCRIPTION
03-18-24	ZD	City Comments

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EDEN, WEBER COUNTY, UTAH

STREET A 4+50.00 - 9+30.00

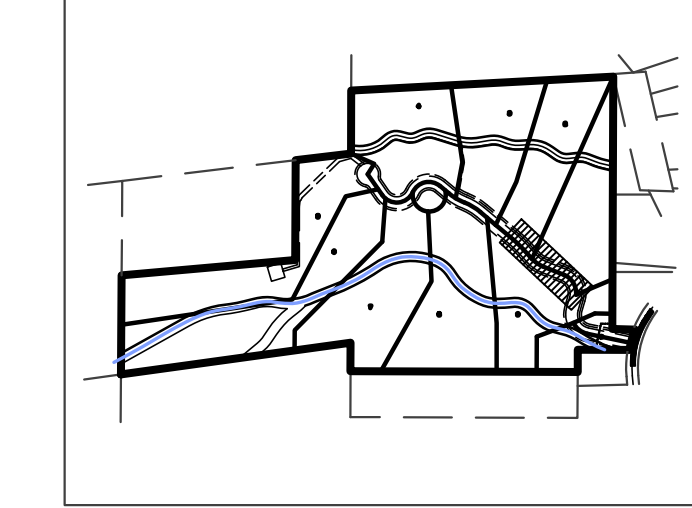


Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: Z. DECARIA
Begin Date: JUNE 2022
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Key Map

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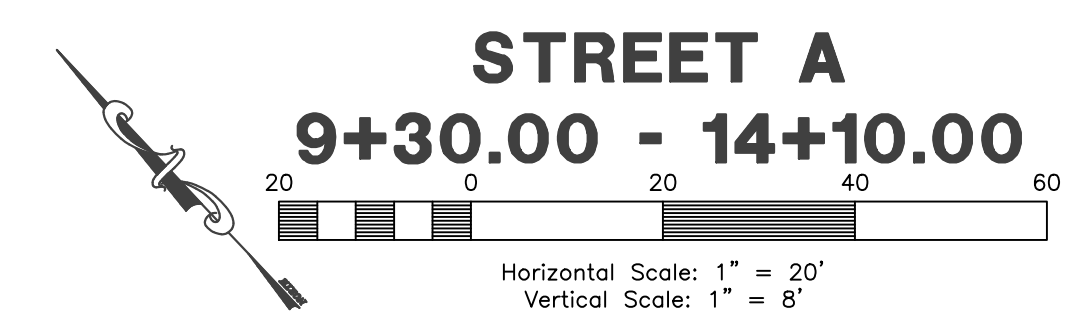
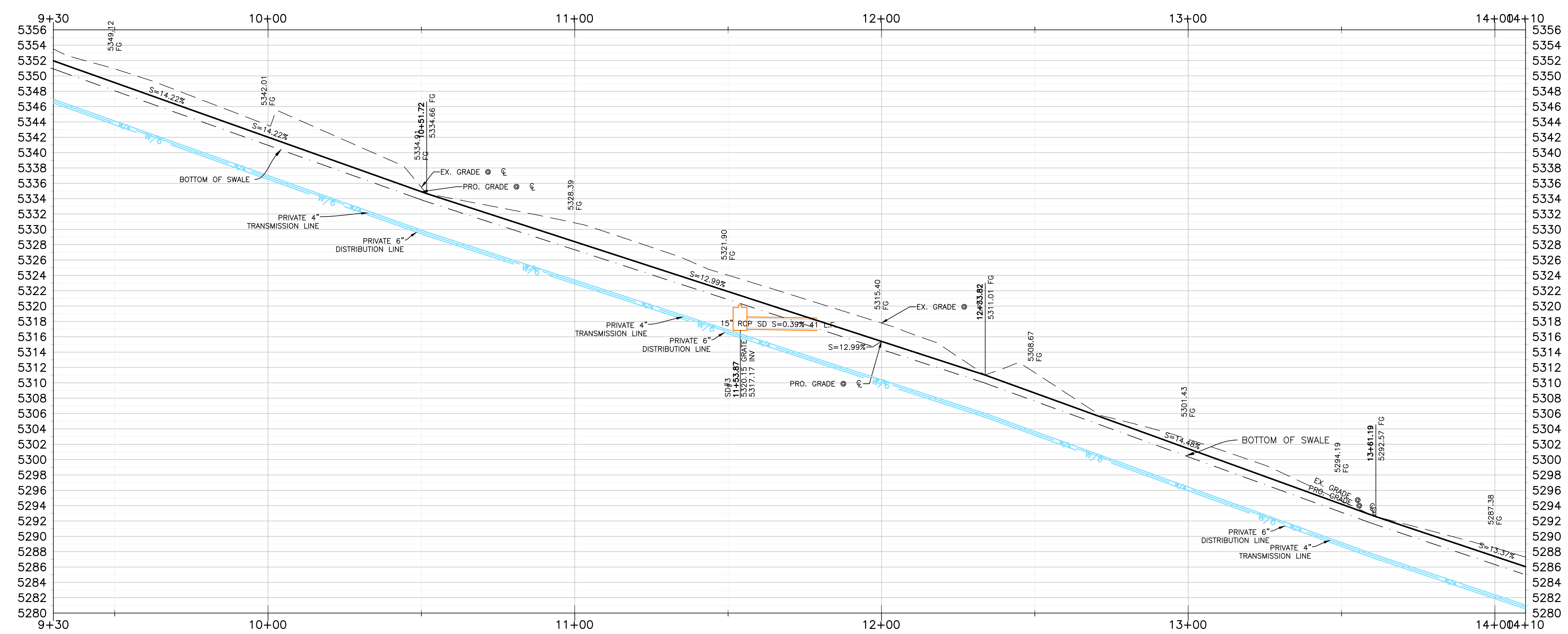
#	Delta	Radius	Length	Tangent	Chord	CH Length
C5	8°08'51"	500.00'	71.10'	35.61'	S46°00'37"E	71.04'
C6	26°25'34"	150.00'	69.18'	35.22'	S55°08'59"E	68.57'
C7	84°27'19"	100.00'	147.40'	90.76'	S26°08'06"E	134.42'

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TRAFFIC ENGINEERS • LAND SURVEYORS

REVISIONS	DATE	DESCRIPTION
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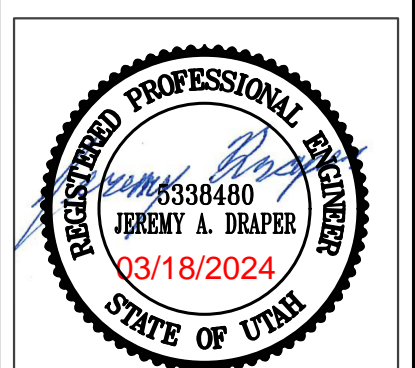
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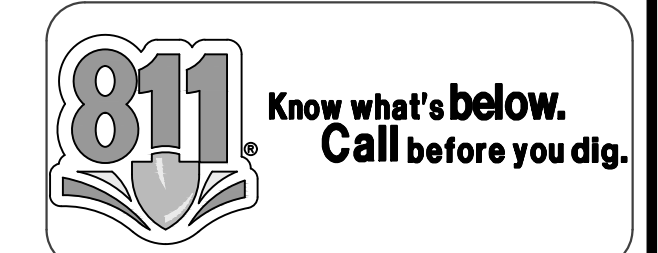
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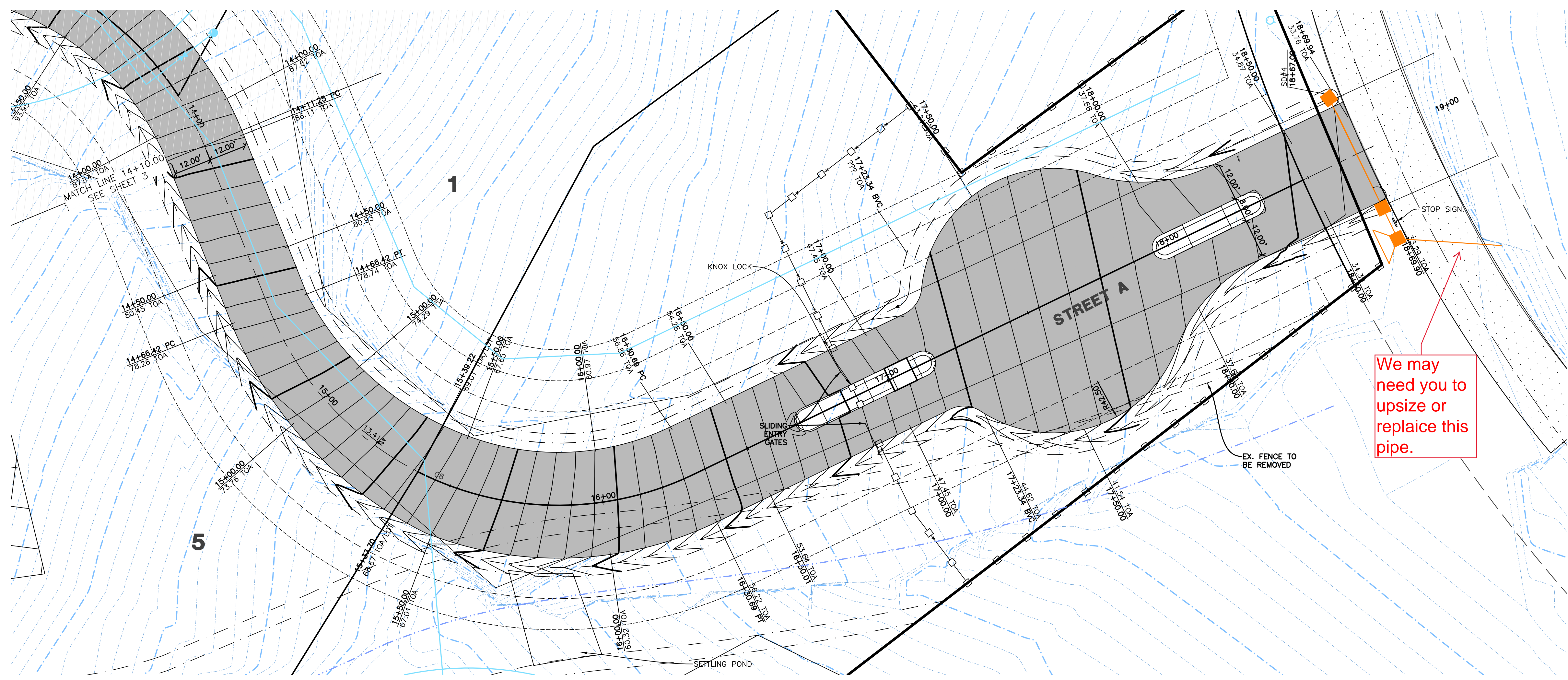
Arrowleaf
PART OF THE SECTION 18, T.7N., R.1E., S.LB & M., U.S. SURVEY
EDEN, WEBER COUNTY, UTAH

STREET A 9+30.00 - 14+10.00

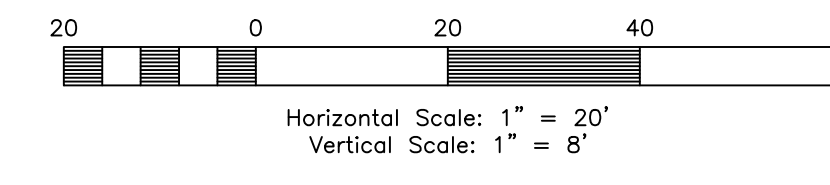


Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafted: Z. DECARIA
Begin Date: JUNE 2022
Name: ARROWLEAF
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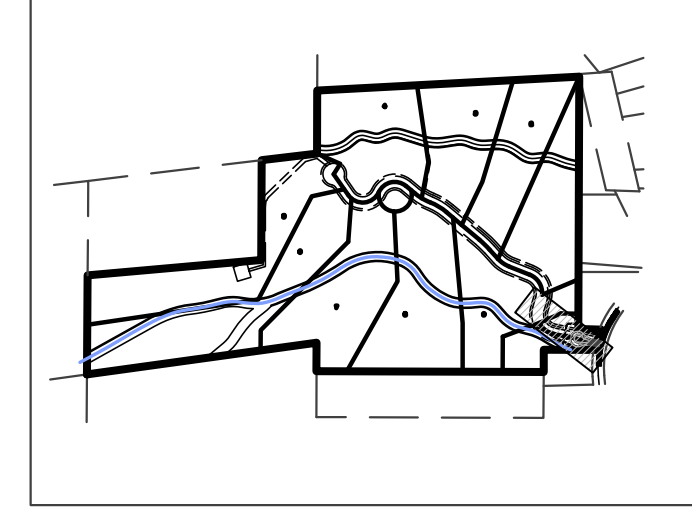


STREET A 14+10.00 - 18+73.46



Key Map

NOT TO SCALE



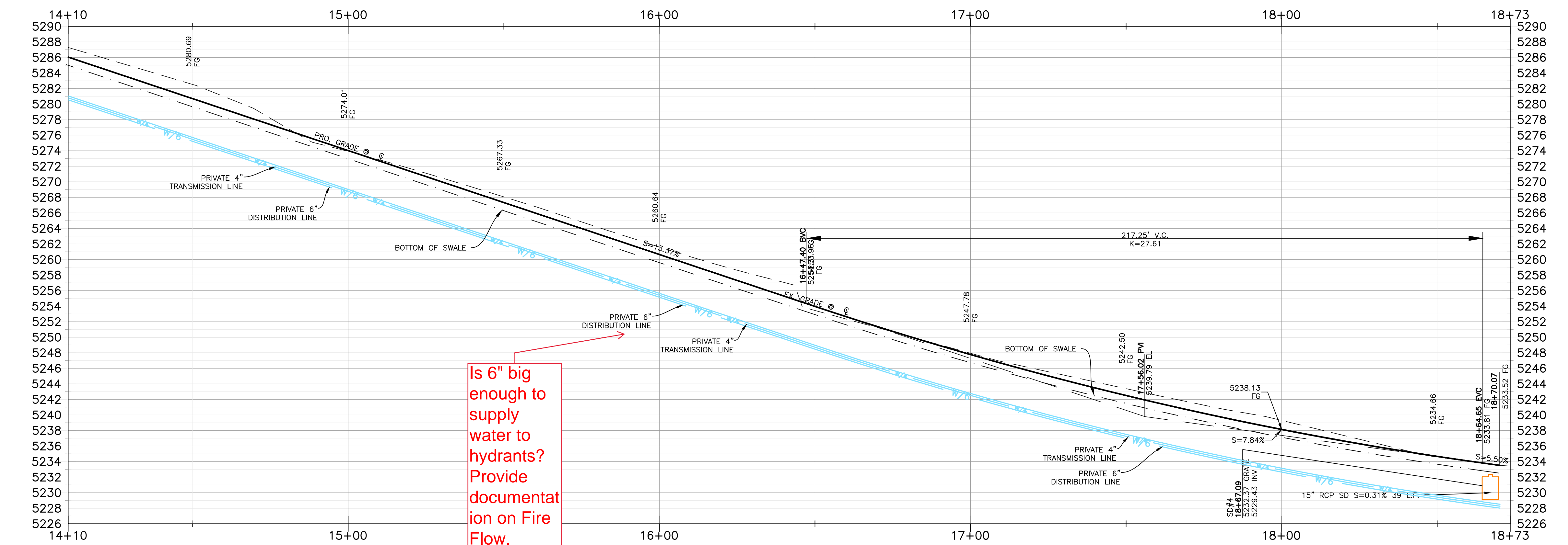
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Centerline Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C8	94°07'16"	100.00'	164.27'	107.46'	S30°58'05"E	146.41'



Is 6" big enough to supply water to hydrants? Provide documentation on Fire Flow.

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REVISIONS

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03-18-24 ZD	City Comments

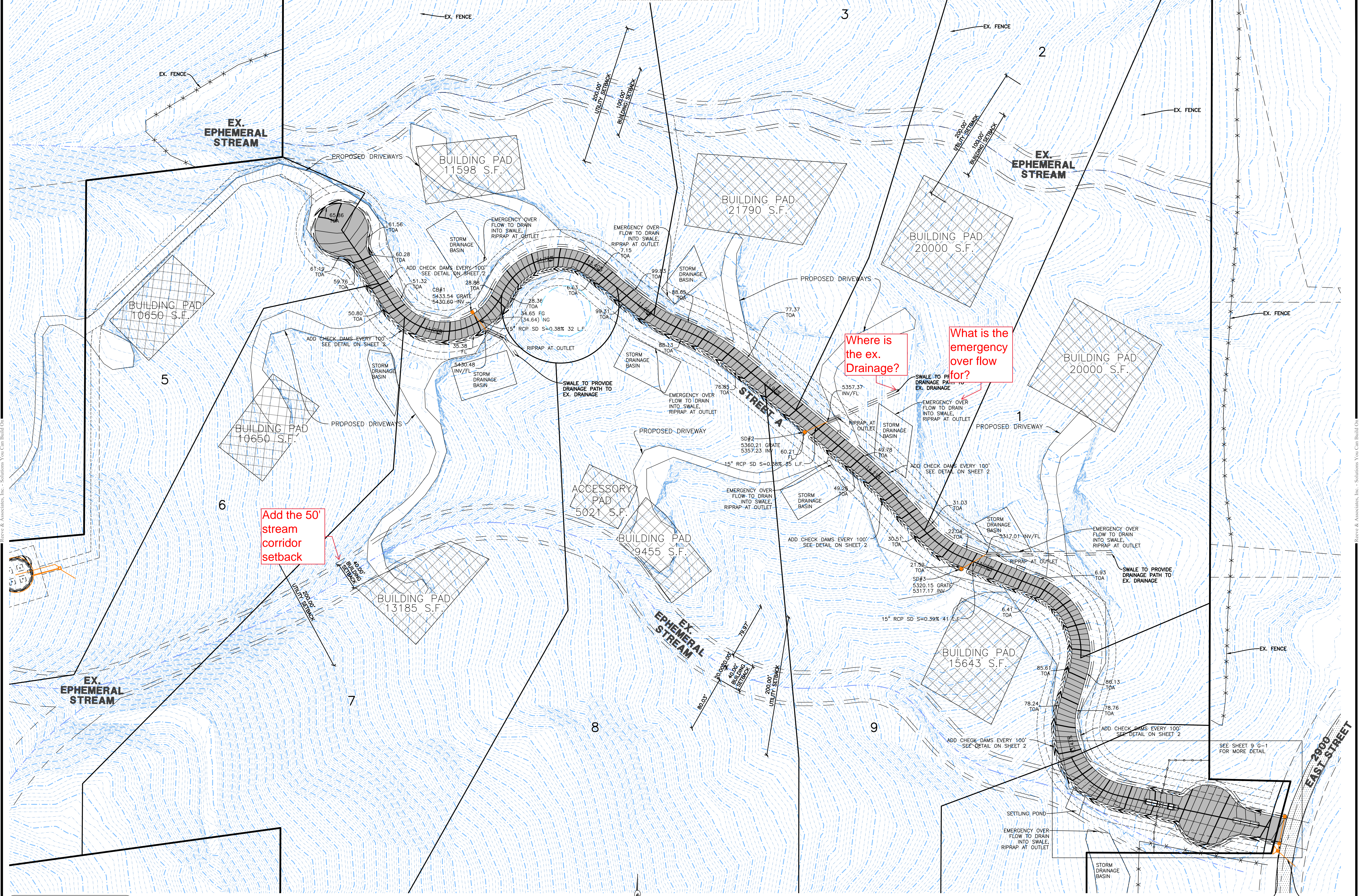
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EDEN, WEBER COUNTY, UTAH

STREET A 14+10.00 - 18+73.46



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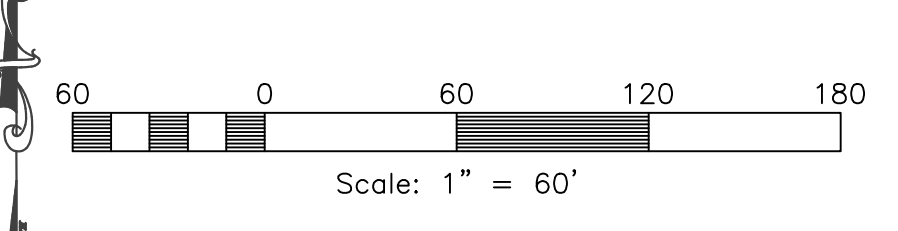
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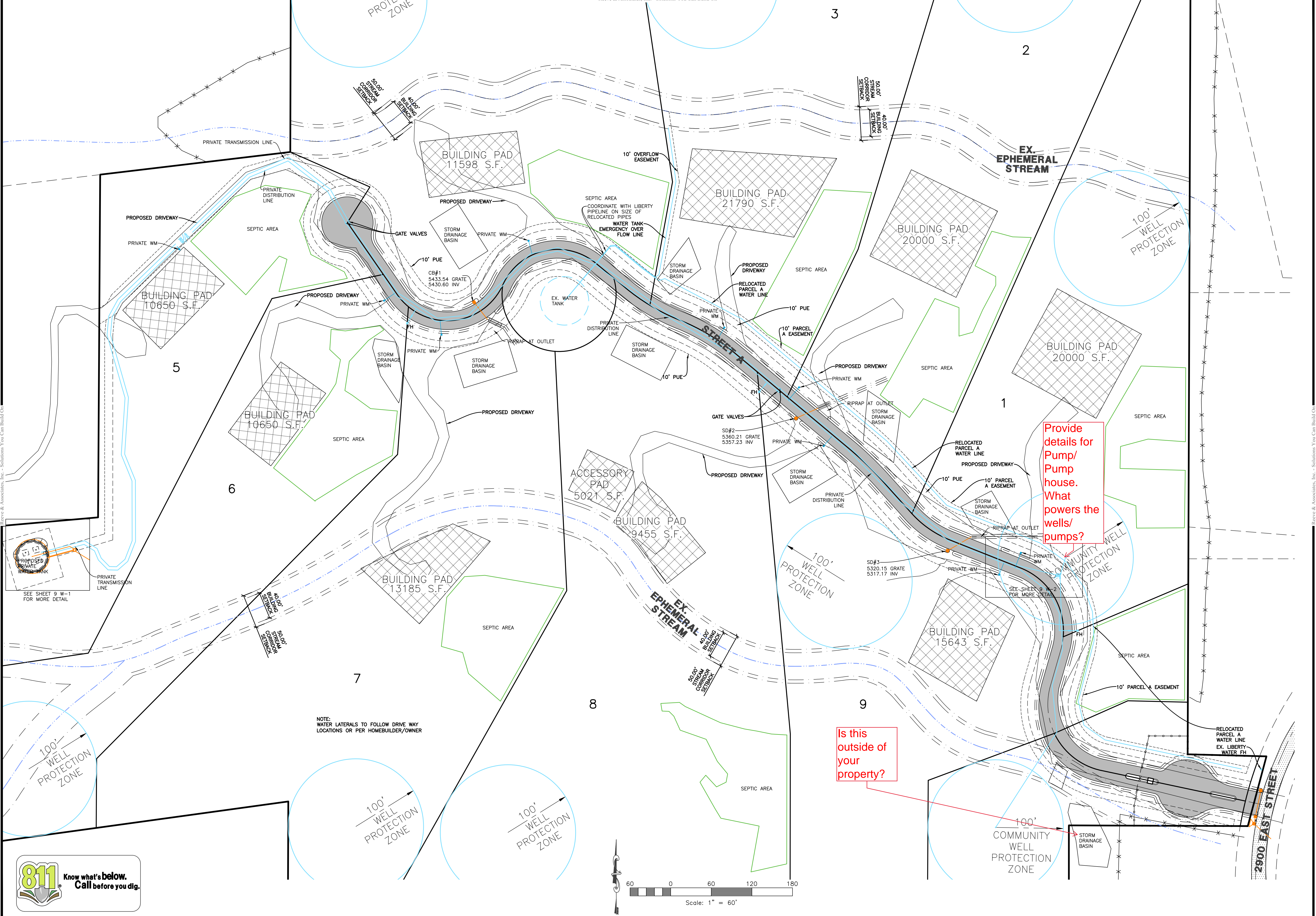
Grading Plan

REGISTERED PROFESSIONAL ENGINEER
 5338480
 JEREMY A. DRAPER
 03/18/2024
 STATE OF UTAH

Project Info.

Engineer: JEREMY A. DRAPER, P.E.
 Drafter: Z. DECARIA
 Begin Date: JUNE 2022
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 EDEN, WEBER COUNTY, UTAH

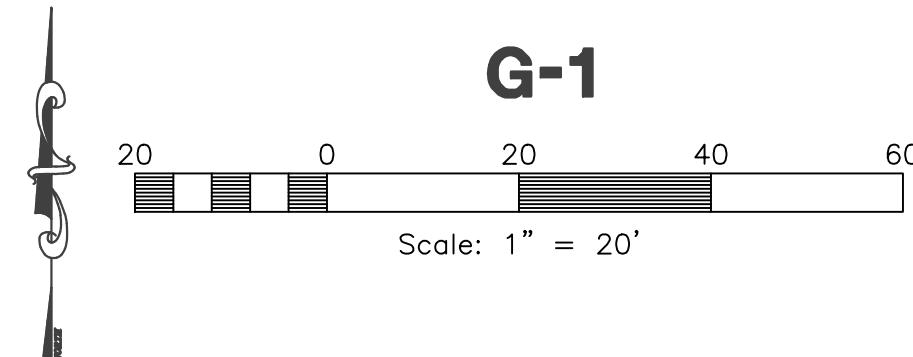
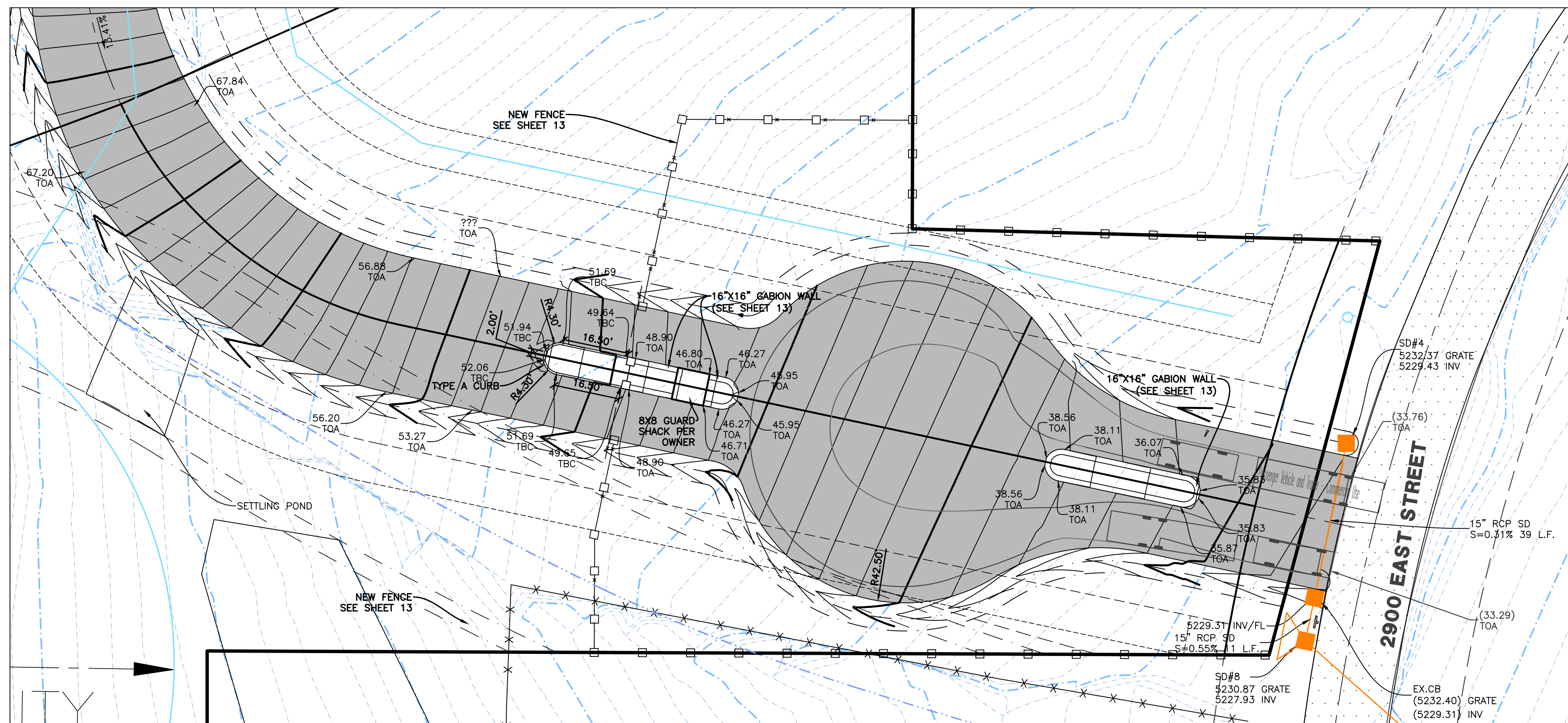
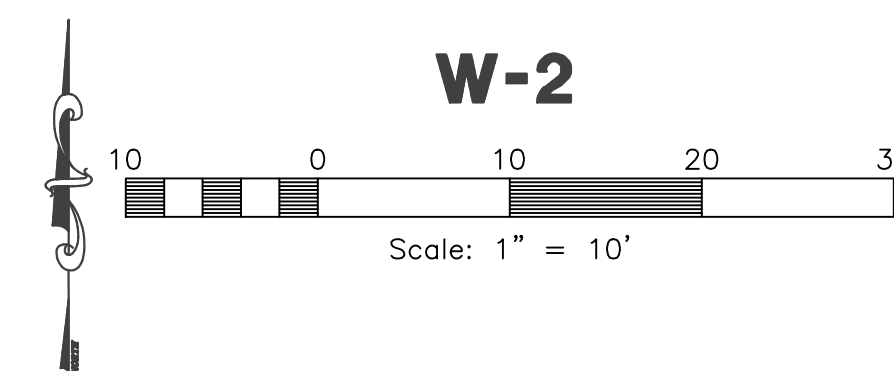
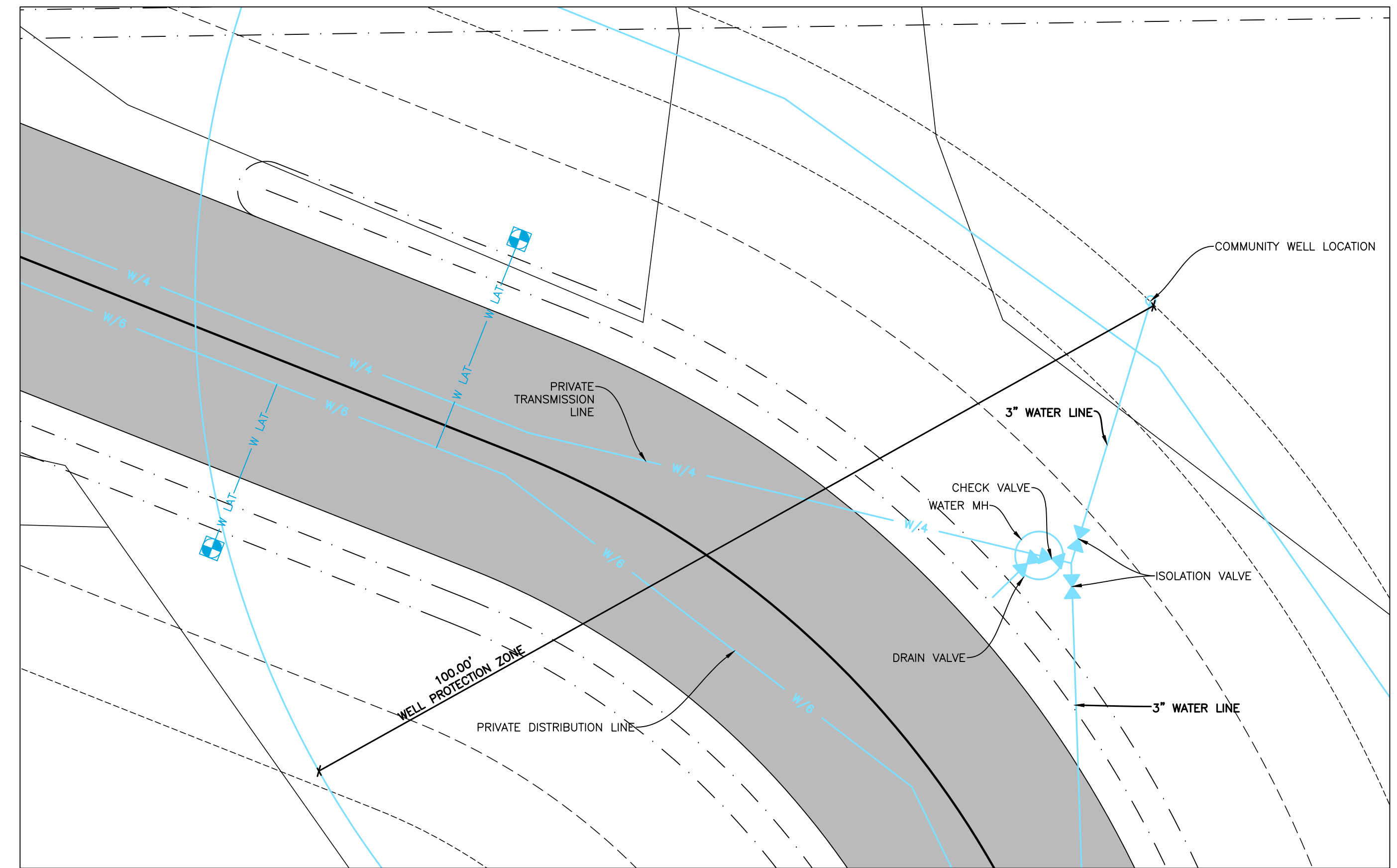
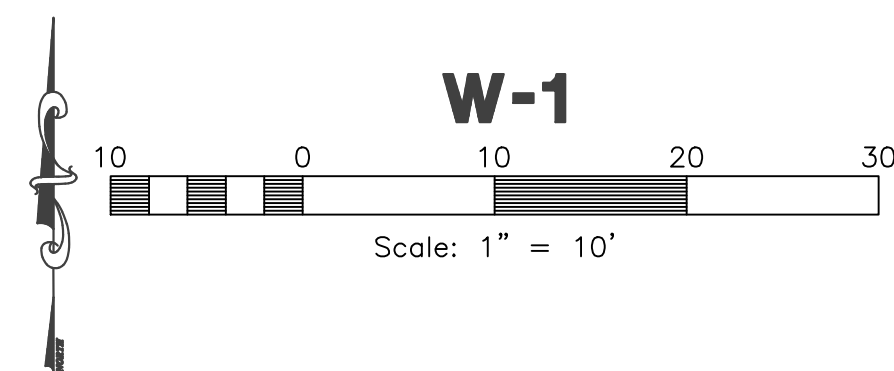
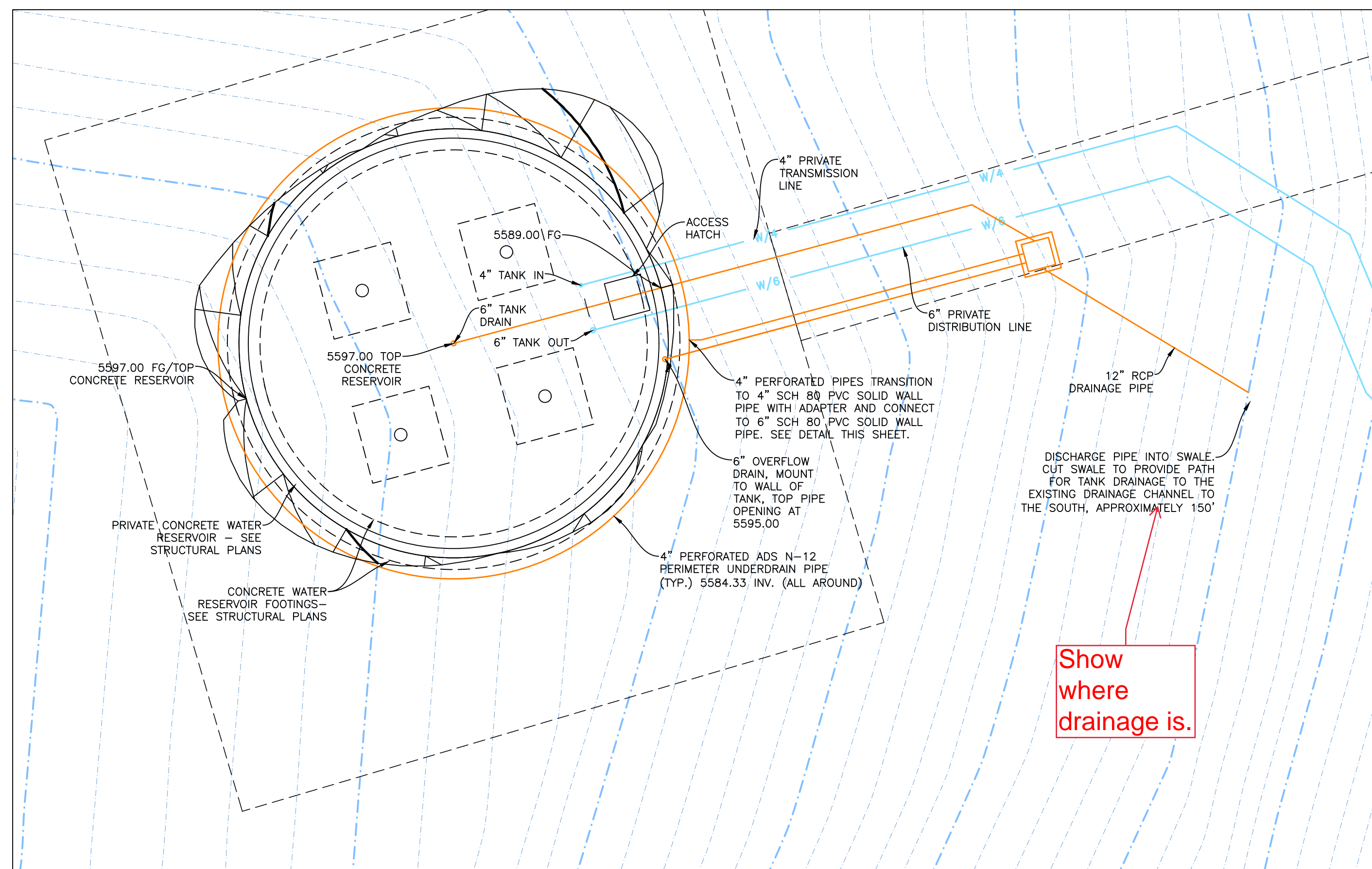
Utility Plan


REGISTERED PROFESSIONAL ENGINEER
 5338480
 JEREMY A. DRAPER
 03/18/2024
 STATE OF UTAH

Project Info.

Engineer:	JEREMY A. DRAPER, P.E.
Drafter:	Z. DECARIA
Begin Date:	JUNE 2022
Name:	ARROWLEAF
Number:	7895-01







Post Storm Runoff Calculation

Arrowleaf
3/18/2024 BAO

The following stormwater storage calculations are based on the Rainfall Intensity data for the Ogden, Utah area taken from the NOAA Atlas 14 database. Calculations have been completed for the 100-yr 24-hr storm event. Storm water runoff has been calculated for a fully developed site with no release rate. Each lot will provide its own retention for the listed volume.

Lot	C	I (in/hr)	Area (ac)	Volume (cf)
1	0.9	0.21	0.32	5240
2	0.9	0.21	0.22	3624
3	0.9	0.21	0.23	3711
4	0.9	0.21	0.41	6756
5	0.9	0.21	0.33	5444
6	0.9	0.21	0.37	5973
7	0.9	0.21	0.27	4376
8	0.9	0.21	0.44	7260
9	0.9	0.21	0.39	6342



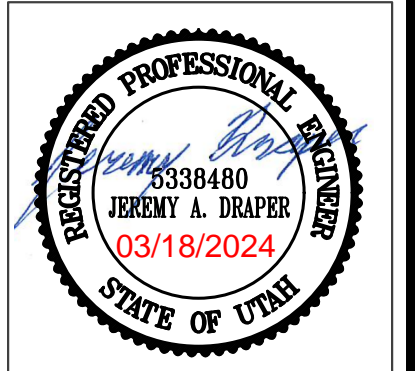
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 5160 SOUTH 1500 WEST, RIVERDALE, UTAH 84405
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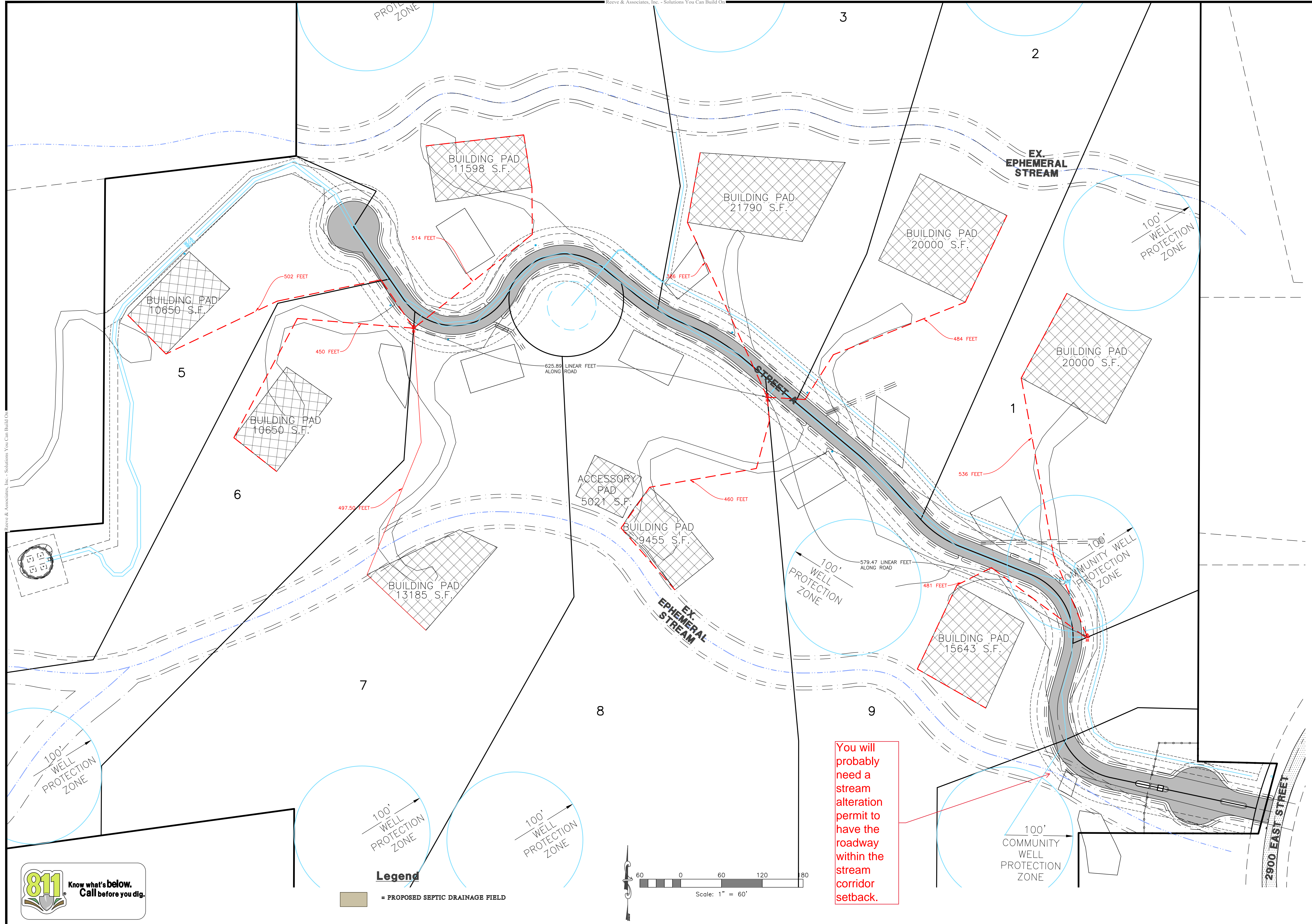
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Details



Project Info.
 Engineer: JEREMY A. DRAPER, P.E.
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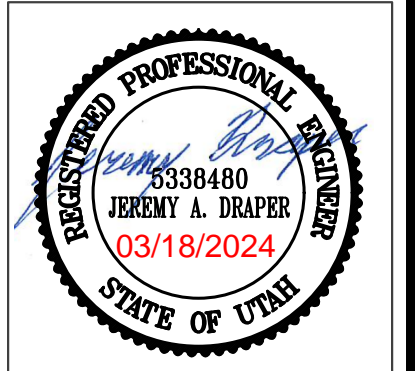
RA

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 EDEN, WEBER COUNTY, UTAH

Fire Exhibit

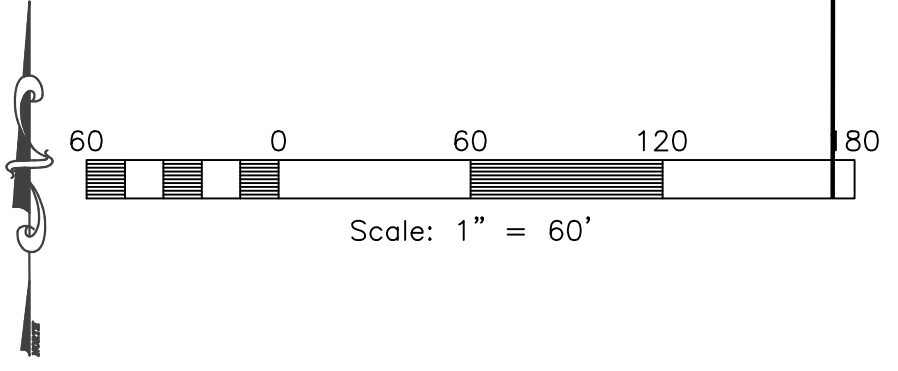


Project Info.
 Engineer: JEREMY A. DRAPER, P.E.
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Legend

■ = PROPOSED SEPTIC DRAINAGE FIELD

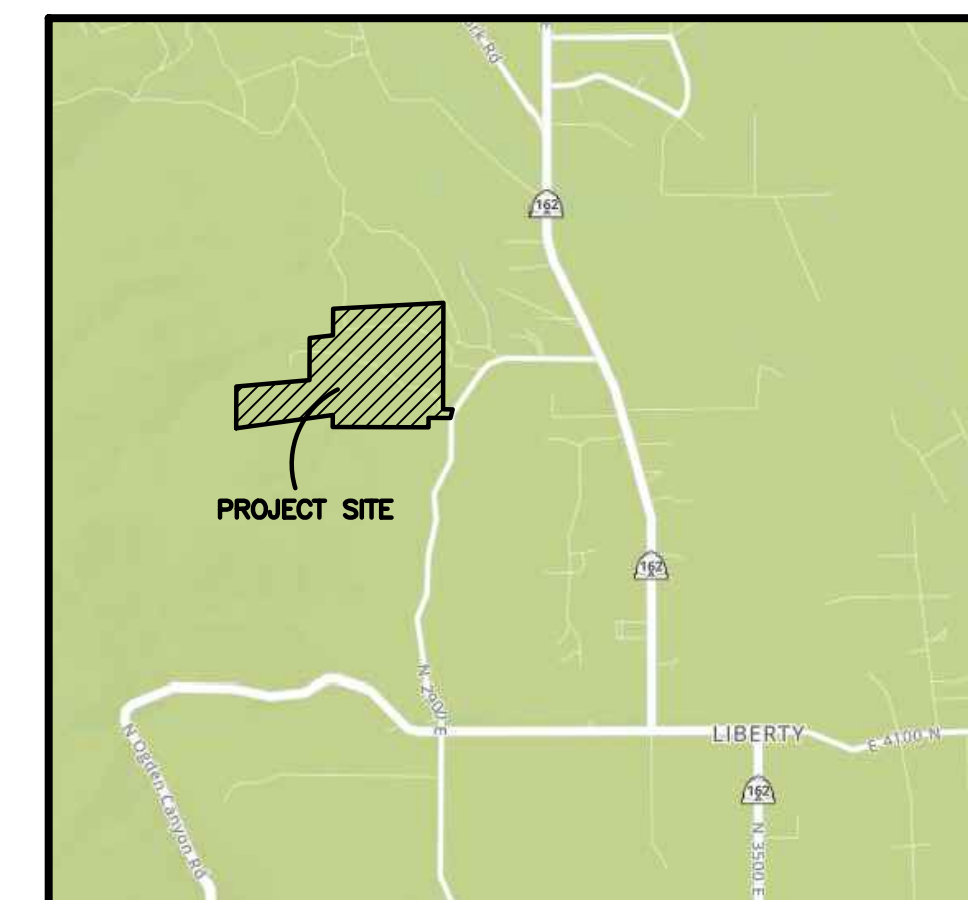


You will probably need a stream alteration permit to have the roadway within the stream corridor setback.

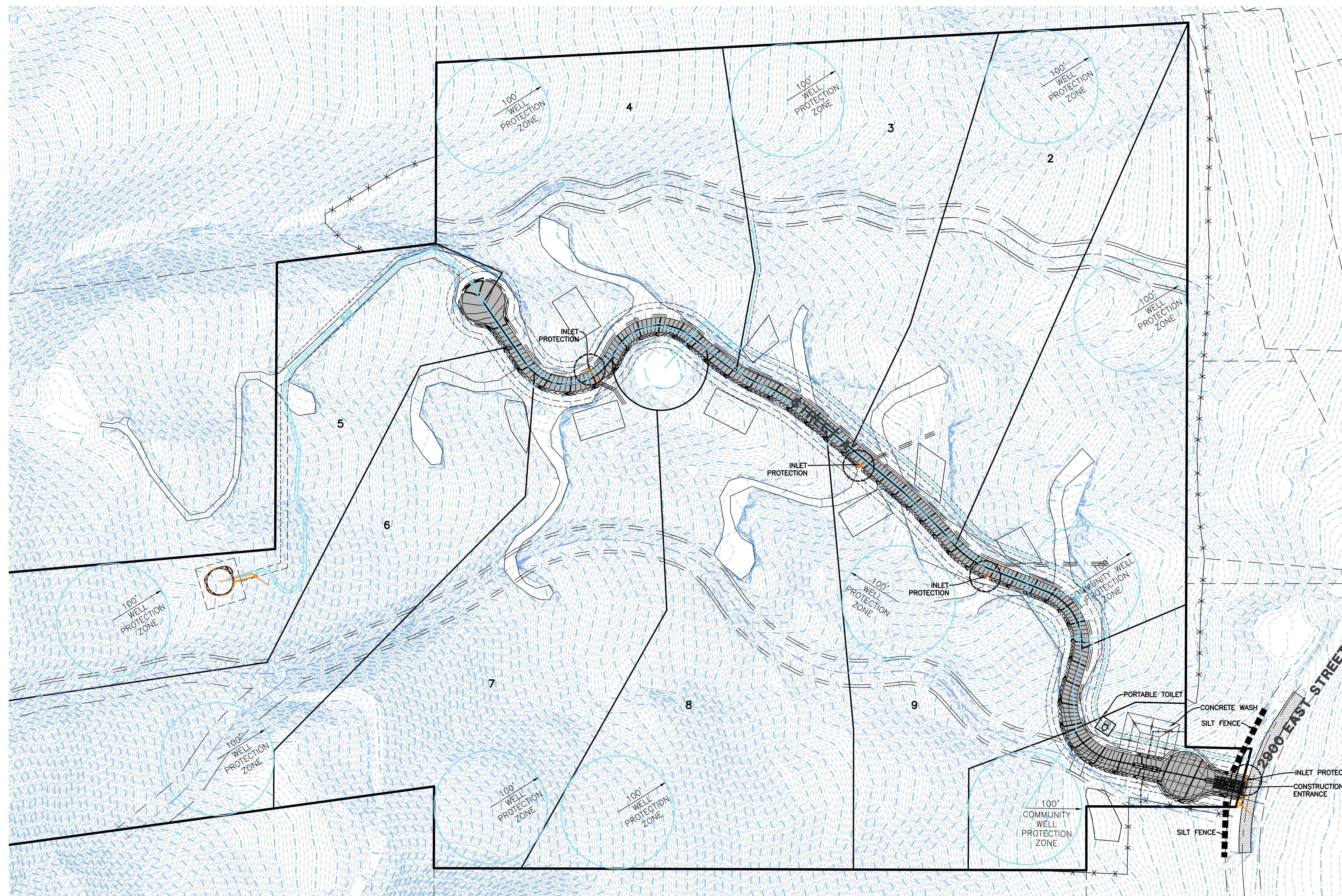
ARROWLEAF

Storm Water Pollution Prevention Plan Exhibit

EDEN, WEBER COUNTY, UTAH
FEBRUARY, 2023



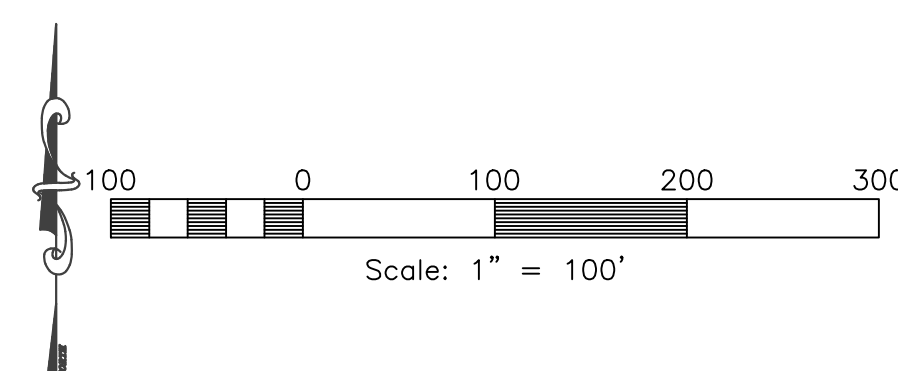
Vicinity Map
NOT TO SCALE



SWPPP Legend

- = PORTABLE TOILET
- = INLET PROTECTION TYP. (SEE DETAIL)
- = SILT FENCE (SEE DETAIL)
- = 50'x20' CONSTRUCTION ENTRANCE W/8" CLEAN GRAVEL
- = CONCRETE WASH AREA (SEE DETAIL) OR AS SELECTED BY CONTRACTOR

- SWPPP NOTES:
- ALL VEHICLES EXITING SITE TO PROCEED THROUGH CONSTRUCTION ENTRANCE TO REDUCE AMOUNTS OF SEDIMENT TRACKED ONTO ROADWAYS.
 - STREETS TO BE SWEEPED WITHIN 1000 FEET OF CONSTRUCTION ENTRANCE DAILY IF NECESSARY



Construction Activity Schedule	
- PROJECT LOCATION.....	EDEN, WEBER COUNTY, UTAH
- PROJECT BEGINNING DATE.....	JANUARY 2023
- BMP'S DEPLOYMENT DATE.....	JANUARY 2023
- STORM WATER MANAGEMENT CONTACT / INSPECTOR.....	DAVE & SARA CHUGG (801)420-8814
- SPECIFIC CONSTRUCTION SCHEDULE INCLUDING BMP CONSTRUCTION SCHEDULE TO BE INCLUDED WITH SWPPP BY OWNER/DEVELOPER	

Reeve & Associates, Inc.
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EDEN, WEBER COUNTY, UTAH

Storm Water Pollution Prevention Plan Exhibit

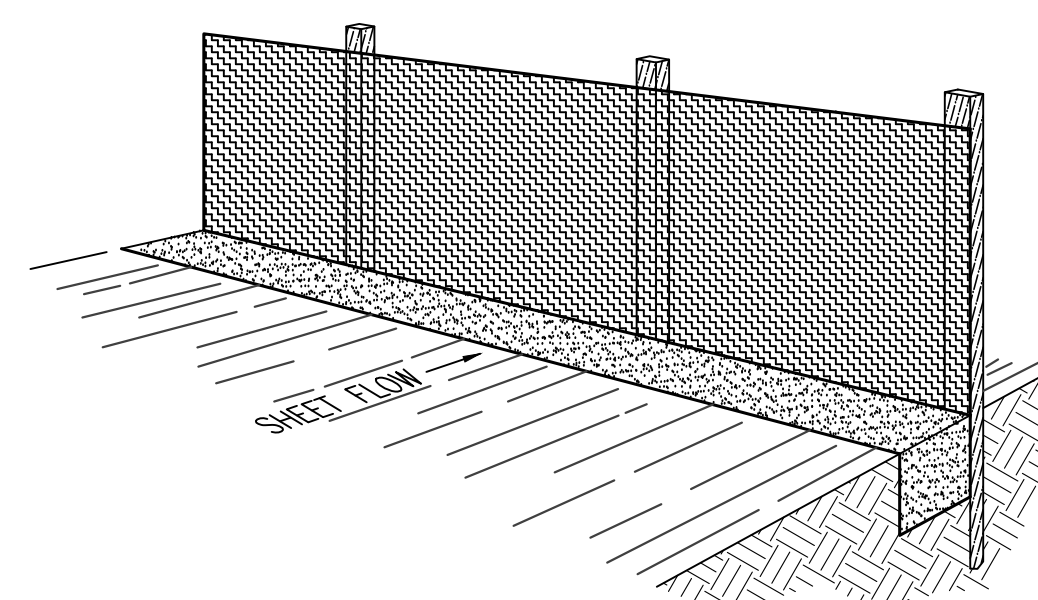


Project Info.

Engineer: JEREMY A. DRAPER, P.E.
 Drafter: Z. DECARIA
 Begin Date: JUNE 2022
 Name: ARROWLEAF
 Number: 7895-01

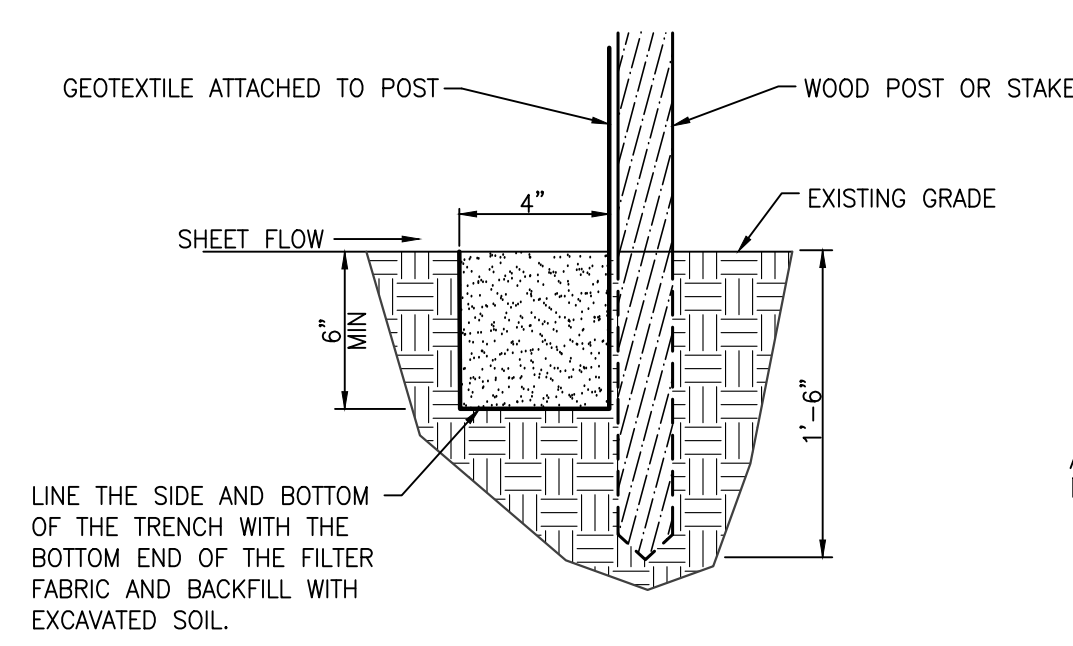
Notes:

- Describe all BMP's to protect storm water inlets:
All storm water inlets to be protected by straw wattle barriers, or gravel bags (see detail).
- Describe BMP's to eliminate/reduce contamination of storm water from:
 - Equipment / building / concrete wash areas:
To be performed in designated areas only and surrounded with silt fence barriers.
 - Soil contaminated by soil amendments:
If any contaminants are found or generated, contact environmental engineer and contacts listed.
 - Areas of contaminated soil:
If any contaminants are found or generated, contact environmental engineer and contacts listed.
 - Fueling area:
To be performed in designated areas only and surrounded with silt fence.
 - Vehicle maintenance areas:
To be performed in designated areas only and surrounded with silt fence.
 - Vehicle parking areas:
To be performed in designated areas only and surrounded with silt fence.
 - Equipment storage areas:
To be performed in designated areas only and surrounded with silt fence.
 - Materials storage areas:
To be performed in designated areas only and surrounded with silt fence.
 - Waste containment areas:
To be performed in designated areas only and surrounded with silt fence.
 - Service areas:
To be performed in designated areas only and surrounded with silt fence.
- BMP's for wind erosion:
Stockpiles and site as needed to be watered regularly to eliminate / control wind erosion
- Construction Vehicles and Equipment:
 - Maintenance
 - Maintain all construction equipment to prevent oil or other fluid leaks.
 - Keep vehicles and equipment clean; prevent excessive build-up of oil and grease.
 - Regularly inspect on-site vehicles and equipment for leaks, and repair immediately.
 - Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment on-site.
 - Segregate and recycle wastes, such as greases, used oil or oil filters, antifreeze, cleaning solutions, automotive batteries, hydraulic, and transmission fluids.
 - Fueling
 - If fueling must occur on-site, use designated areas away from drainage.
 - Locate on-site fuel storage tanks within a bermed area designed to hold the tank volume.
 - Cover retention area with an impervious material and install in a manner to ensure that any spills will be contained in the retention area. To catch spills or leaks when removing or changing fluids.
 - Use drip pans for any oil or fluid changes.
 - Washing
 - Use as little water as possible to avoid installing erosion and sediment controls for the wash area.
 - If washing must occur on-site, use designated, bermed wash areas to prevent waste water discharge into storm water, creeks, rivers, and other water bodies.
 - Use phosphate-free, biodegradable soaps.
 - Do not permit steam cleaning on-site.
- Spill Prevention and Control
 - Minor Spills:
Minor spills are those which are likely to be controlled by on-site personnel. After contacting local emergency response agencies, the following actions should occur upon discovery of a minor spill:
 - Contain the spread of the spill.
 - If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (i.e. absorbent materials, cat litter, and / or rags).
 - If the spill occurs in dirt areas, immediately contain the spill by constructing an earth dike. Dig up and properly dispose of contaminated soil.
 - If the spill occurs during rain, cover the impacted area to avoid runoff.
 - Record all steps taken to report and contain spill.
 - Major Spills:
On-site personnel should not attempt to control major spills until the appropriate and qualified emergency response staff have arrived at the site. For spills of federal reportable quantities, also notify the National Response Center at (800) 424-8802. A written report should be sent to all notified authorities. Failure to report major spills can result in significant fines and penalties.
- Post Roadway / Utility Construction
 - Maintain good housekeeping practices.
 - Enclose or cover building material storage areas.
 - Properly store materials such as paints and solvents.
 - Store dry and wet materials under cover, away from drainage areas.
 - Avoid mixing excess amounts of fresh concrete or cement on-site.
 - Perform washout of concrete trucks offsite or in designated areas only.
 - Do not wash out concrete trucks into storm drains, open ditches, streets or streams.
 - Do not place material or debris into streams, gutters or catch basins that stop or reduce the flow of runoff water.
 - All public streets and storm drain facilities shall be maintained free of building materials, mud and debris caused by grading or construction operations. Roads will be swept within 1000' of construction entrance daily, if necessary.
 - Install straw wattle around all inlets contained within the development and all others that receive runoff from the development.
- Erosion Control Plan Notes
 - The contractor will designate an emergency contact that can be reached 24 hours a day 7 days a week. A stand-by crew for emergency work shall be available at all times during potential rain or snow runoff events. Necessary materials shall be available on site and stockpiled at convenient locations to facilitate rapid construction of emergency devices when rain or runoff is eminent.
 - Erosion control devices shown on the plans and approved for the project may not be removed without approval of the engineer of record. If devices are removed, no work may continue that have the potential of erosion without consulting the engineer of record. If deemed necessary erosion control should be reestablished before this work begins.
 - Graded areas adjacent to fill slopes located at the site perimeter must drain away from the top of the slope at the conclusion of each working day. This should be confirmed by survey or other means acceptable to the engineer of record.
 - All silt and debris shall be removed from all devices within 24 hours after each rain or runoff event.
 - Except as otherwise approved by the inspector, all removable protective devices shown shall be in place at the end of each working day and through weekends until removal of the system is approved.
 - All loose soil and debris, which may create a potential hazard to offsite property, shall be removed from the site as directed by the engineer of record of the governing agency.
 - The placement of additional devices to reduce erosion damage within the site is left to the discretion of the engineer of record.
 - Desilting basins may not be removed or made inoperable without the approval of the engineer of record and the governing agency.
 - Erosion control devices will be modified as need as the project progresses and plans of these changes submitted for approval by the engineer of record and the governing agency.
- Conduct a minimum of one inspection of the erosion and sediment controls every two weeks. Maintain documentation on site.
 - Part III.D.4 of general permit UTRC00000 identifies the minimum inspection requirements.
 - Part III.D.4.C identifies the minimum inspection report requirements.
 - Failure to complete and/or document storm water inspections is a violation of part III.D.4 of Utah General Permit UTR 300000.



Perspective View

Figure 2



Section

INSTALLATION

The silt fence should be installed prior to major soil disturbances in the drainage area. The fence should be placed across the slope along a line of uniform elevation wherever flow of sediment is anticipated. Table 1 shows generally-recommended maximum slope lengths (slope spacing between fences) at various site grades for most silt fence applications.

Slope Steepness (%)	Max. Slope Length m (ft)
<2%	30.5m (100ft)
2-5%	22.9m (75ft)
5-10%	15.2m (50ft)
10-20%	7.6m (25ft)
>20%	4.5m (15ft)

PREFABRICATED SILT FENCE ROLLS
 *Excavate a minimum 15.2cm x 15.2cm (6"x6") trench at the desired location.
 *Unroll the silt fence, positioning the post against the downstream wall of the trench.
 *Adjacent rolls of silt fence should be joined by nesting the end post of one fence into the other. Before nesting the end posts, rotate each post until the geotextile is wrapped completely around the post, then abut the end posts to create a tight seal as shown in Figure 1.
 *Drive posts into the ground until the required fence height and/or anchorage depth is obtained.
 *Bury the loose geotextile at the bottom of the fence in the upstream trench and backfill with natural soil, tamping the backfill to provide good compaction and anchorage. Figure 2 illustrates a typical silt fence installation and anchor trench placement.

should generally be less than three (3) times the height of the fence.

*If a steel or plastic mesh is required to reinforce the geotextile, it shall have a minimum mesh opening of 15.2cm (6").
 *Fasten the mesh to the upslope side of the posts using heavy duty wire staples, tie wires or hog strings. Extend the mesh into the bottom of the trench.
 *The geotextile shall then be stapled or wired to the posts. An extra 20-50cm (8-20") of geotextile shall extend into the trench.

INSPECTION

*Inspect the silt fence daily during periods of rainfall, immediately after significant rainfall event and weekly during periods of no rainfall. Make any repairs immediately.
 *When sediment deposits behind the silt fence are one-third of the fence height, remove and properly dispose of the silt accumulations. Avoid damage to the fabric during cleanout.

REMOVAL

*Silt fence should not be removed until construction ceases and the upslope area has been properly stabilized and/or revegetated.

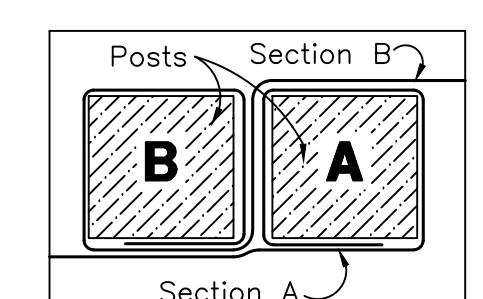


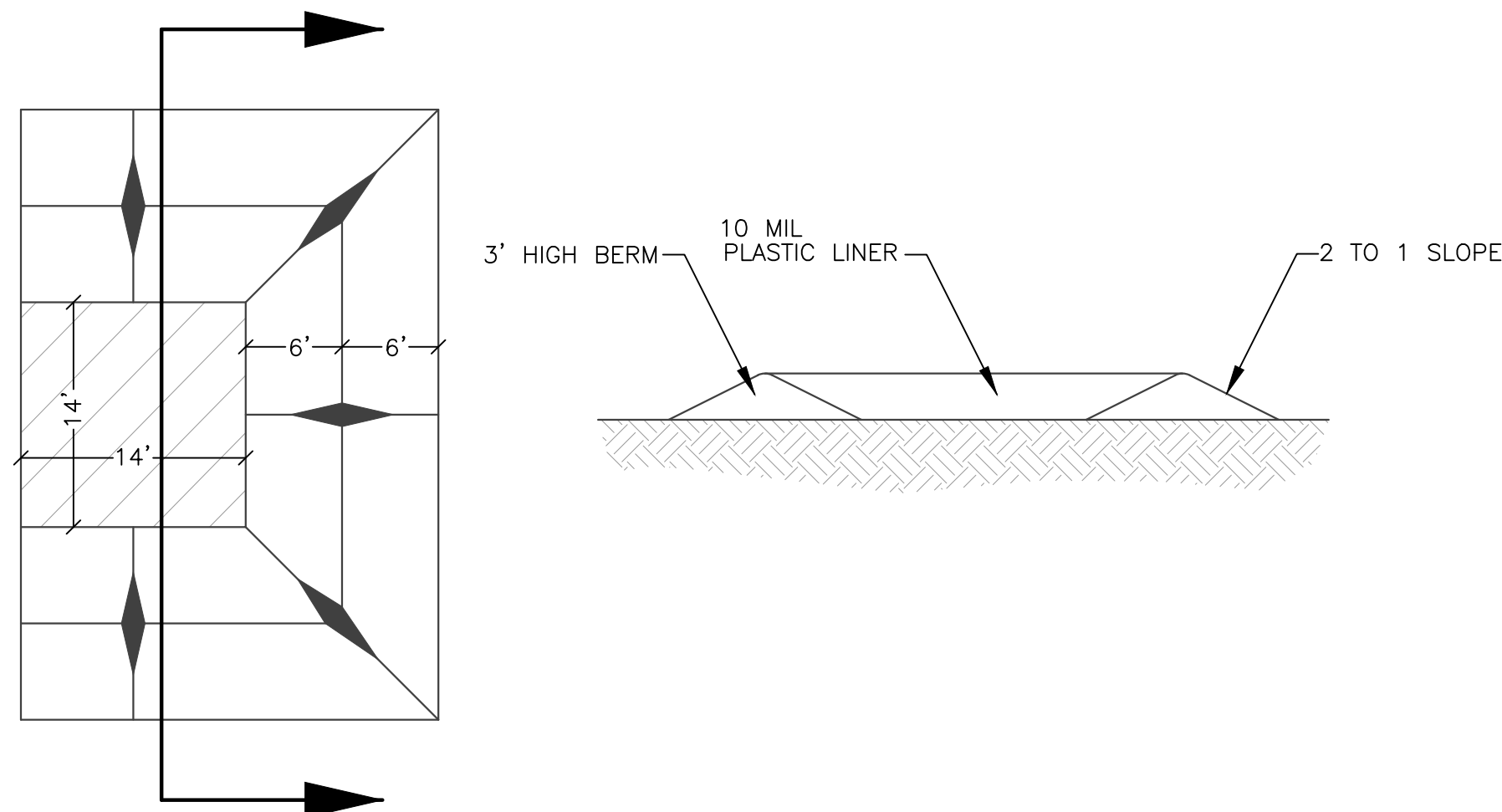
Figure 1: Top View of Roll-to-Roll Connection

FIELD ASSEMBLY:

*Excavate a minimum 15.2cm x 15.2cm (6"x6") trench at the desired location.
 *Drive wooden posts, or steel posts with fastening projections, against the downstream wall of the trench. Maximum post spacing should be 2.4-3.0m (8-10ft). Post spacing

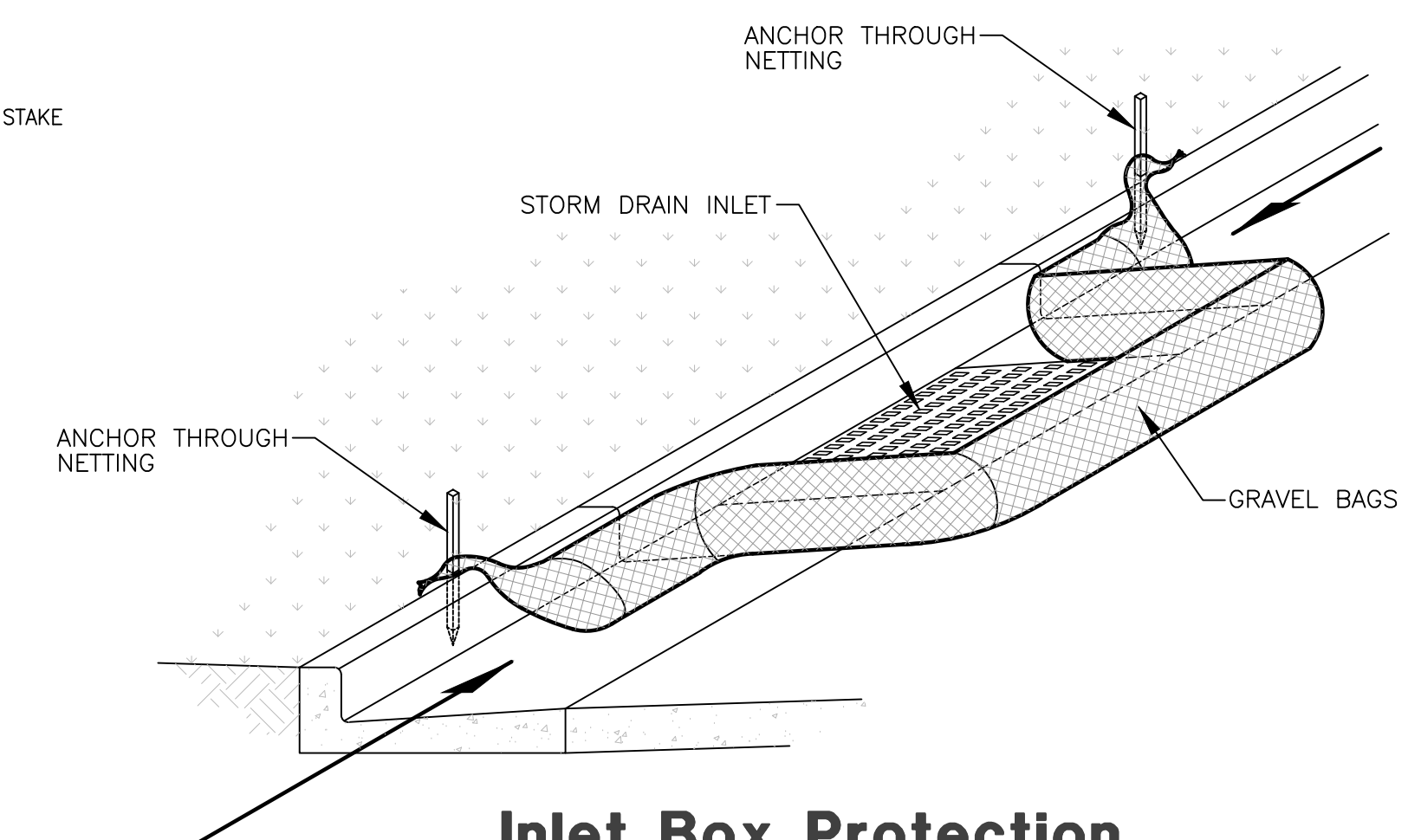
Silt Fence Detail

SCALE: NONE

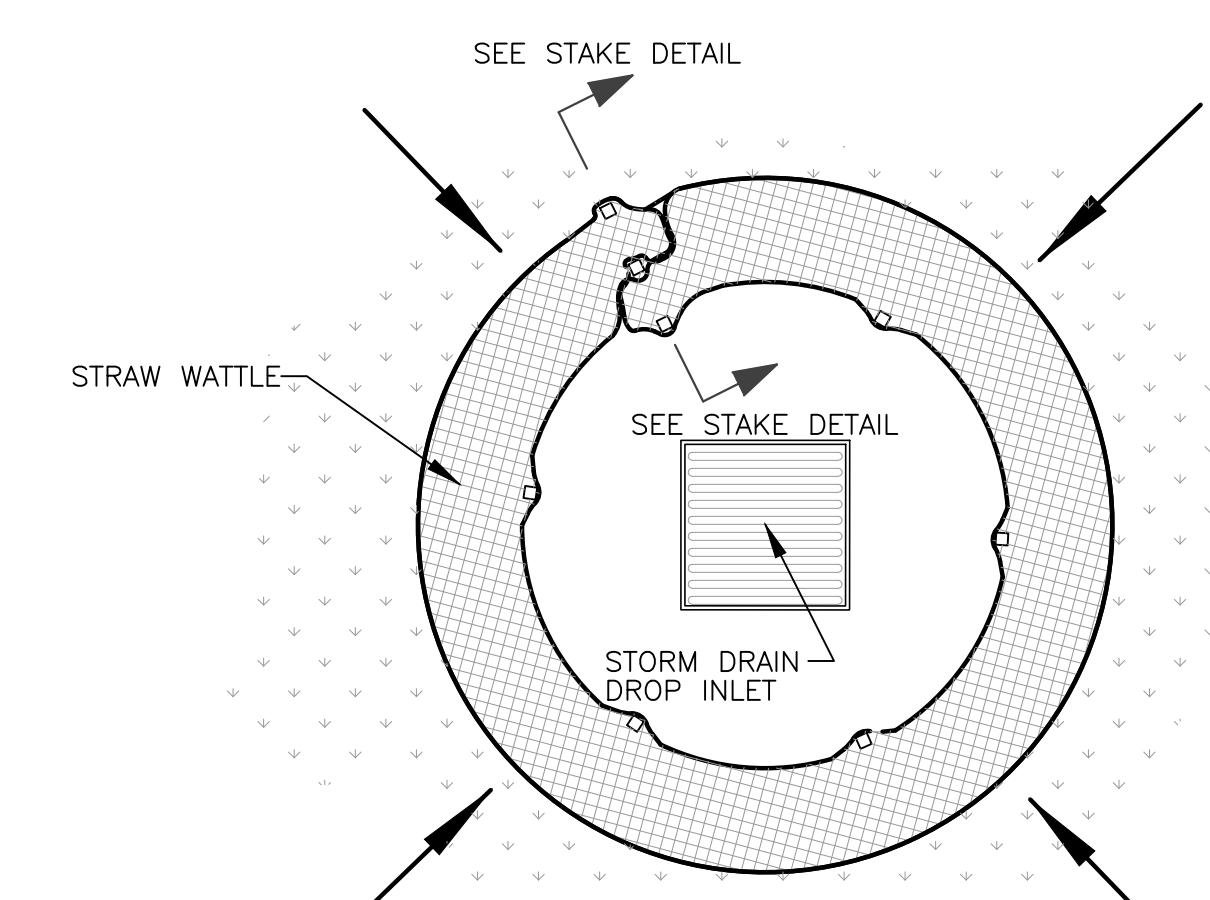


Concrete Washout Area w/ 10 mil Plastic Liner

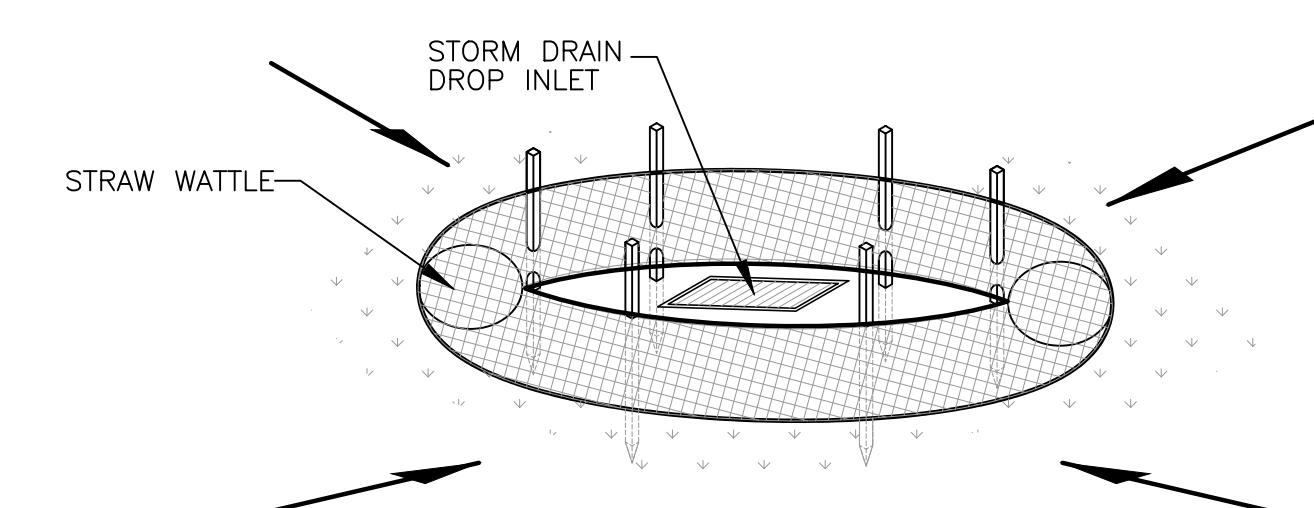
SCALE: NONE



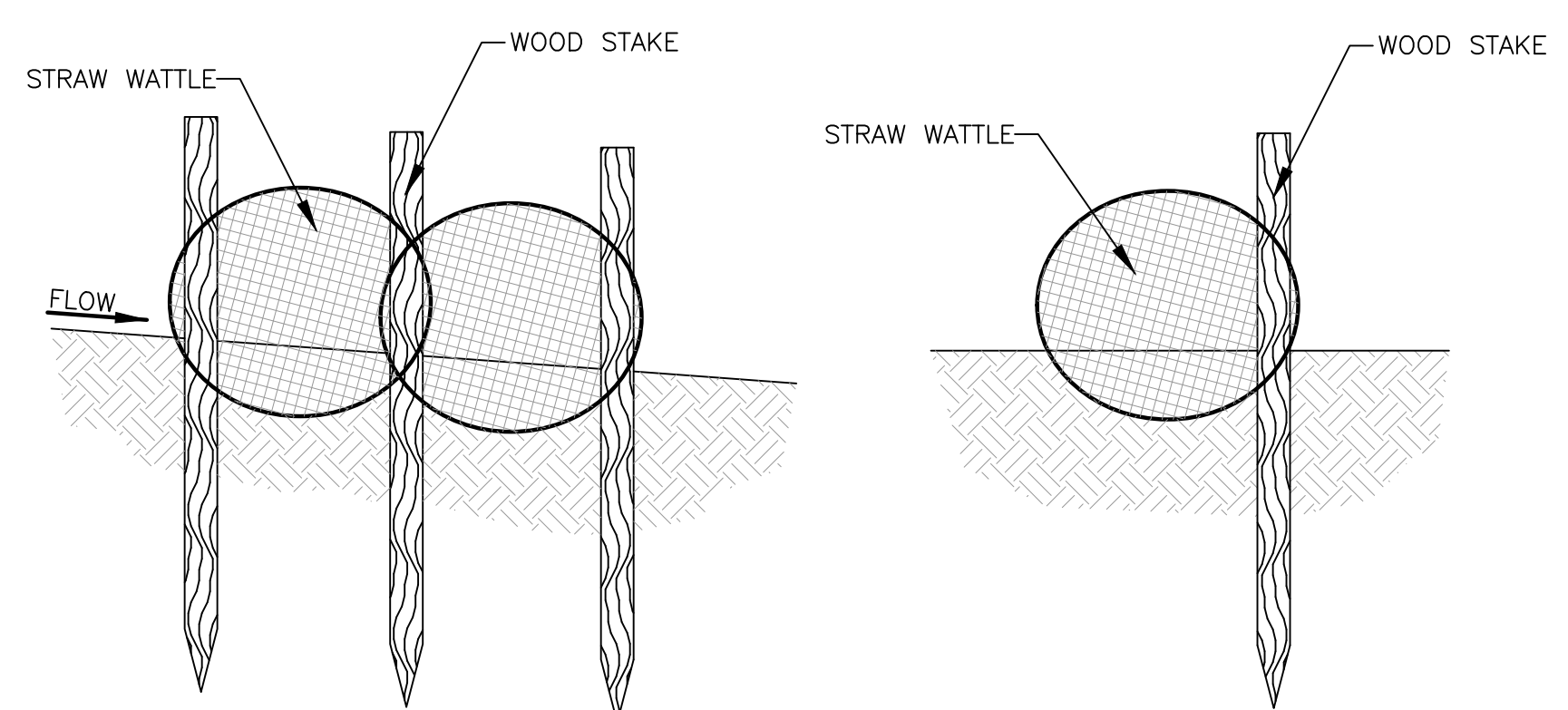
Inlet Box Protection



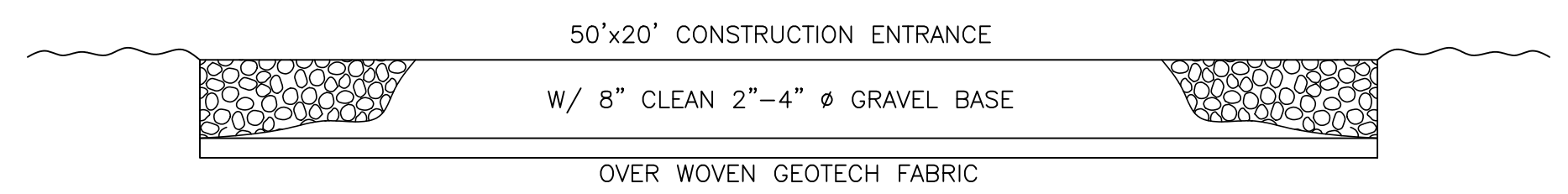
Plan View



Drop Inlet Protection



Stake Detail



Cross Section 50' x 20' Construction Entrance

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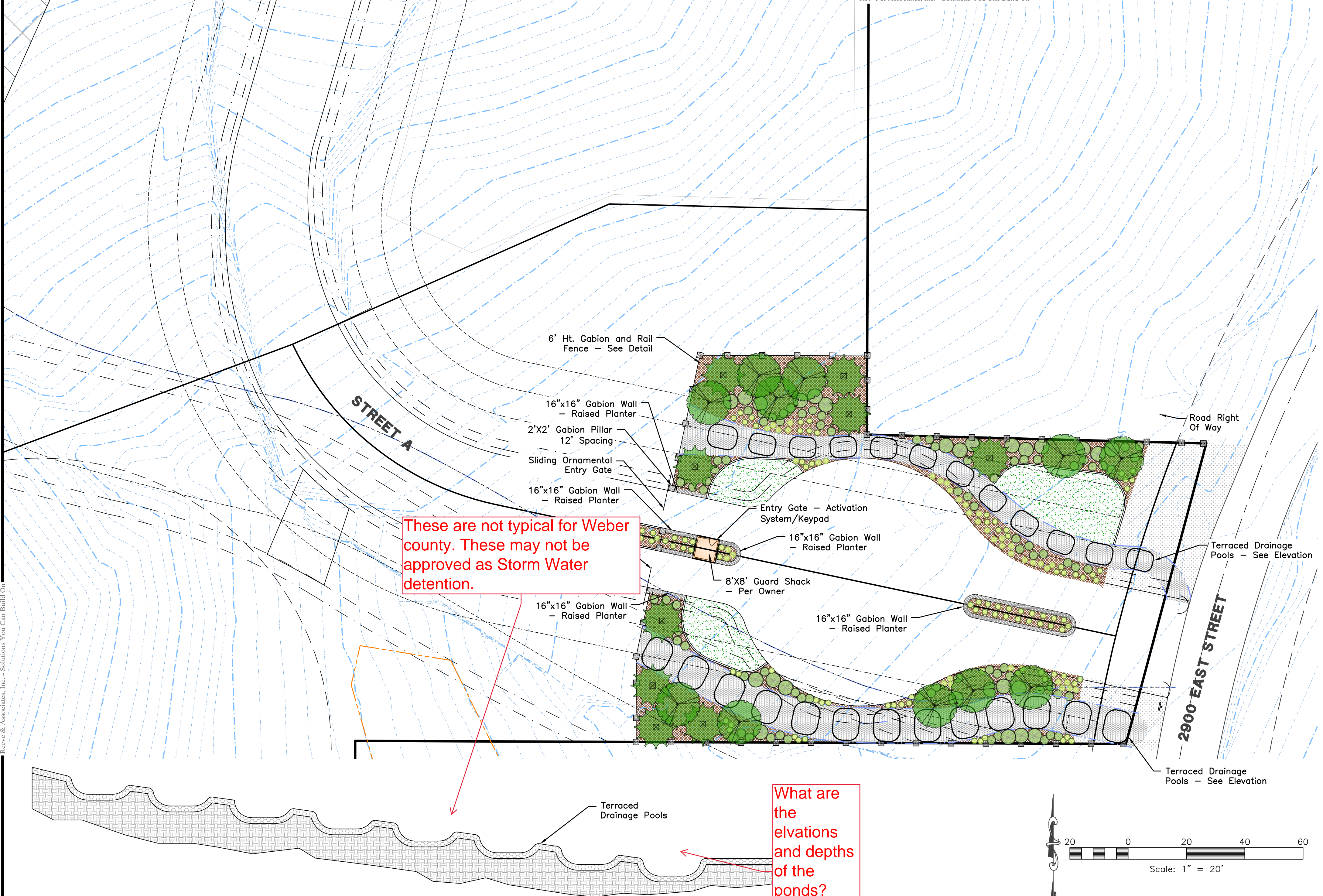
REVISIONS	DATE	DESCRIPTION
03-18-24	ZD	City Comments

Arrowleaf
 PART OF THE SECTION 18, T.7N., R.1E., S.11B. & M., U.S. SURVEY
 EDEN, WEBER COUNTY, UTAH

Storm Water Pollution Prevention Plan Details

REGISTERED PROFESSIONAL ENGINEER
 5338480
 JEREMY A. DRAPER
 03/18/2024
 STATE OF UTAH

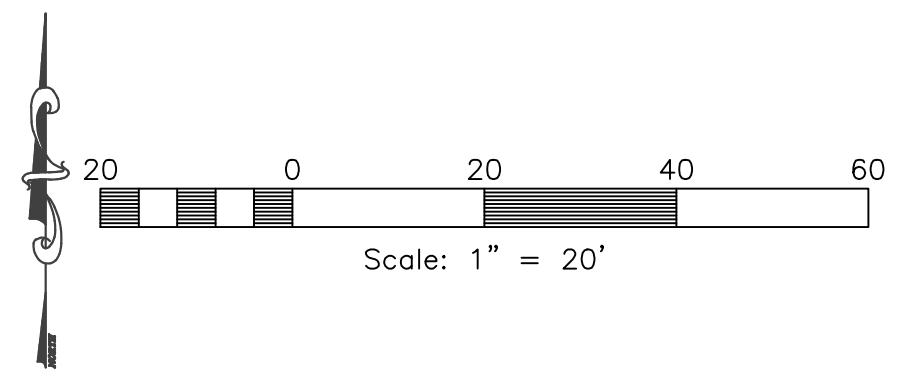
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 Drafter: Z. DECARIA
 Begin Date: JUNE 2022
 Name: ARROWLEAF
 Number: 7895-01



These are not typical for Weber county. These may not be approved as Storm Water detention.

What are the elevations and depths of the ponds? Who will maintain them?

TERRACED DRAINAGE
NTS - ELEVATION



PLANT TABLE

TREES

Quantity	Symbol	Scientific Name	Common Name	Size
11		Acer ginnala 'Flame'	Amur Maple	2" cal.
9		Picea pungens 'Fastigiata'	Columnar Blue Spruce	6' Ht

SHRUBS

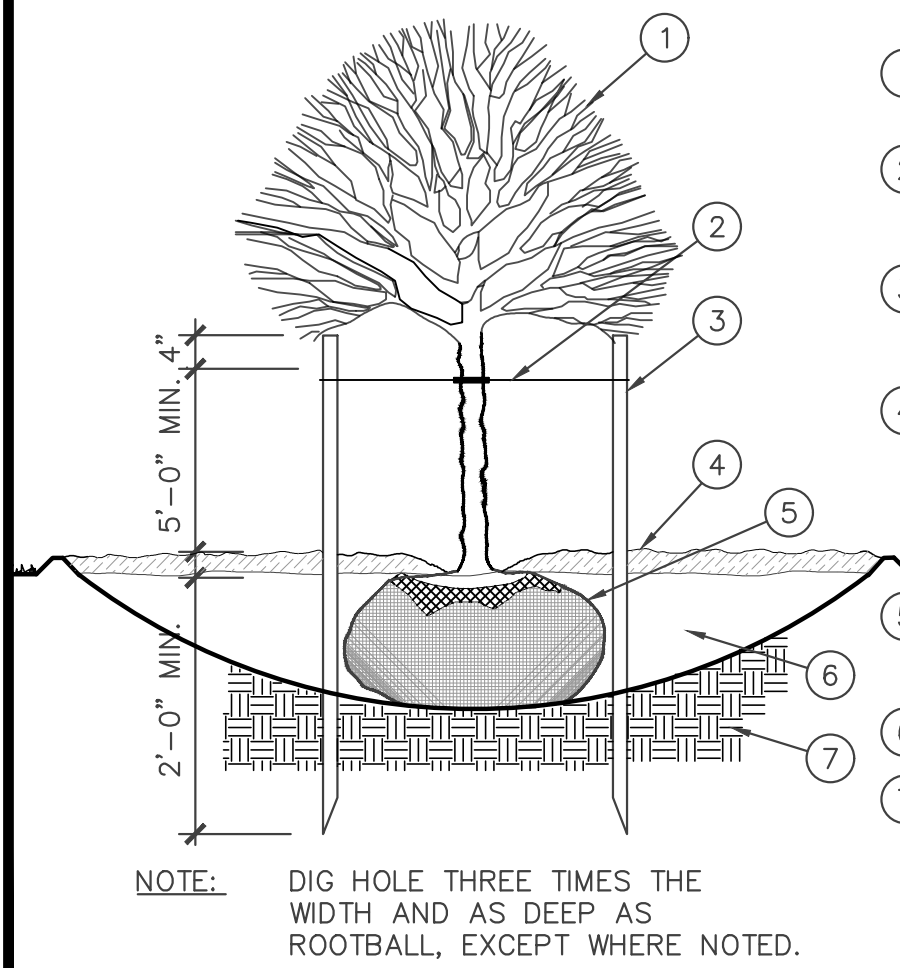
Quantity	Symbol	Scientific Name	Common Name	Size
26		Cornus sericea 'Inzanti'	Inzanti Dwarf Dogwood	5 gal.
80		Potentilla fruticosa 'Gold Drop'	Gold Drop Cinquefoil	5 gal.

PERENNIALS

Quantity	Symbol	Scientific Name	Common Name	Size
99		Balsamorhiza sagittata	Arrow-leaved balsamroot	1 gal.
46		Nepeta x faassenii 'Walker's Low'	Walker's Low Catmint	1 gal.

OTHER

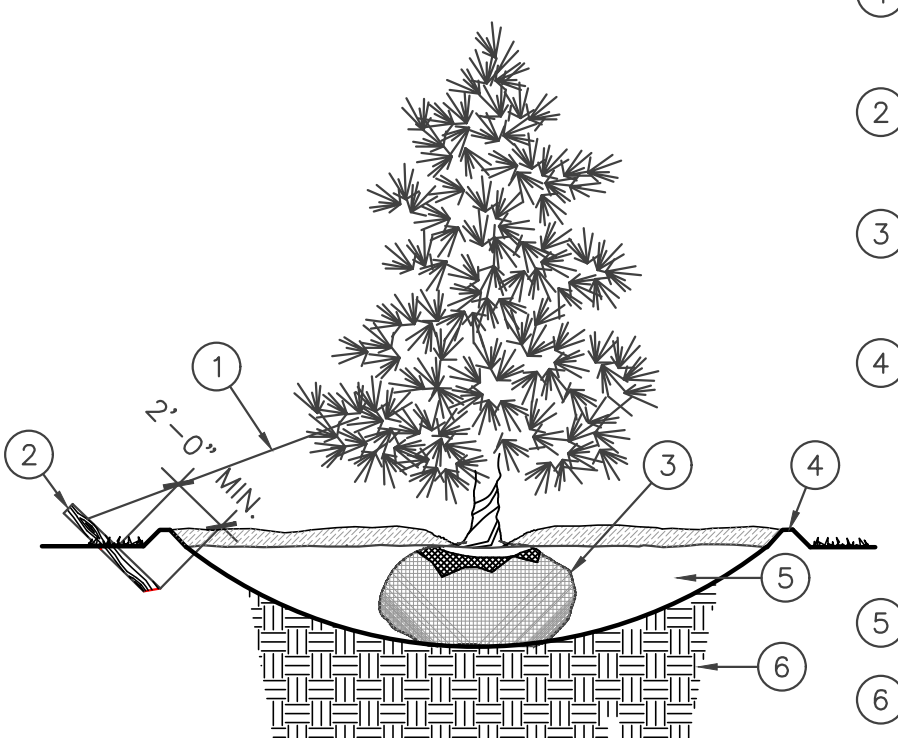
Symbol	Description	Type
	Turf Grass - Sod	Sod
	Kentucky Bluegrass Mix - 3 Species Minimum	
	Wood Mulch - Medium Chunk Place mulch over 5 ounce Professional weed barrier cloth in all planting beds. Contractor to provide samples to owner for approval prior to delivery.	1" Diameter
	Rock Mulch Place mulch over 5 ounce Professional weed barrier cloth in all planting beds. Contractor to provide samples to owner for approval prior to delivery.	4" Diameter
	Concrete Mow Strip	6"x6"
	Seed Mix - Non-Irrigated seed mix - see schedule	Hydroseed



- 1 PRUNE ALL DEAD AND INJURED WOOD. DO NOT CUT LEADER.
- 2 LOOSELY TIE TO ALLOW FOR TREE MOVEMENT, BUT SECURED FOR HIGH WIND CONDITIONS.
- 3 METAL T-POSTS, 2 PER TREE. REMOVE POSTS & TIES AFTER ONE YEAR.
- 4 CONSTRUCT 4" EARTH BERM SAUCER. FILL WITH 3" BARK/ROCK MULCH. BRUSH AWAY FROM TRUNK. REMOVE SAUCER AFTER ONE YEAR.
- 5 REMOVE BURLAP/PACKAGING MAT. PLANT TREES 2"-3" HIGHER THAN GRADE.
- 6 BACKFILL WITH NATIVE SOIL
- 7 UNDISTURBED SOIL

NOTE: DIG HOLE THREE TIMES THE WIDTH AND AS DEEP AS ROOTBALL, EXCEPT WHERE NOTED.

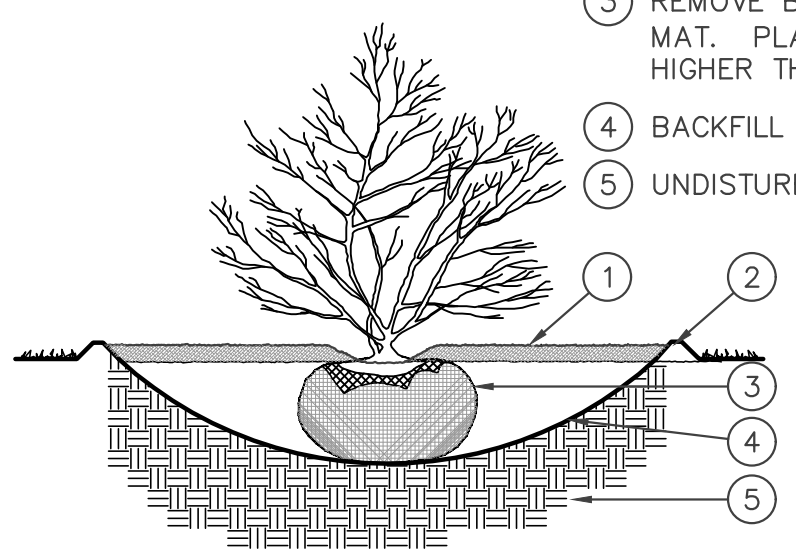
DECIDUOUS TREE PLANTING
NTS



- 1 LOOSELY TIE TO ALLOW FOR TREE MOVEMENT, BUT SECURED FOR HIGH WIND CONDITIONS
- 2 4' x 2" x 2" STAKE AND GUY WIRE (ONE EA. TREE) REMOVE STAKES AFTER ONE YEAR
- 3 REMOVE BURLAP/PACKAGING MAT. PLANT TREES 2"-3" HIGHER THAN GRADE
- 4 CONSTRUCT 4" EARTH BERM SAUCER. FILL WITH 3" BARK/ROCK MULCH - BRUSH AWAY FROM TRUNK. REMOVE SAUCER AFTER ONE YEAR
- 5 BACKFILL WITH NATIVE SOIL
- 6 UNDISTURBED SOIL

NOTE: DIG HOLE THREE TIMES THE WIDTH AND AS DEEP AS ROOTBALL, EXCEPT WHERE NOTED.

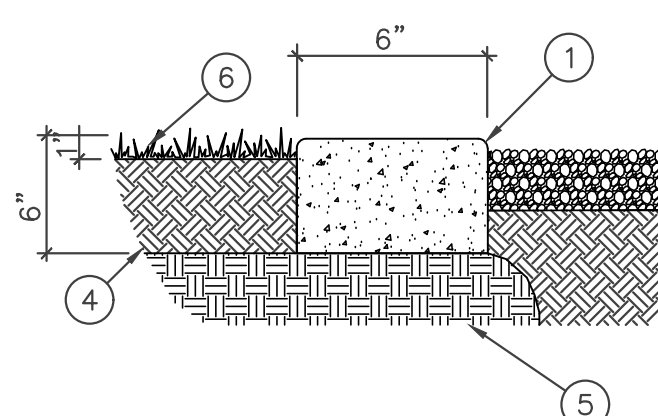
CONIFEROUS TREE PLANTING
NTS



- 1 3" OF BARK/ROCK MULCH. BRUSH AWAY FROM STEM
- 2 3" EARTH BERM SAUCER. REMOVE AFTER ONE YEAR
- 3 REMOVE BURLAP/PACKAGING MAT. PLANT SHRUBS 2"-3" HIGHER THAN GRADE.
- 4 BACKFILL WITH NATIVE SOIL
- 5 UNDISTURBED SOIL

NOTE: DIG HOLE THREE TIMES THE WIDTH AND AS DEEP AS ROOTBALL, EXCEPT WHERE NOTED.

SHRUB PLANTING
NTS



- 1 6"x6" CONCRETE MOW STRIP WITH RADIUS EDGES
- 2 BARK/ROCK MULCH
- 3 FINISH GRADE/WEED FABRIC
- 4 TOPSOIL
- 5 COMPACTED SUBGRADE
- 6 LAWN

CONCRETE MOW STRIP
NTS

PLANTING NOTES

1. This planting plan is diagrammatic and plant locations are approximate.
2. Field survey, stake, and string the layout and locations of site construction features for approval before actual construction. The layout shall conform to the exact location and grades of the intended work to be done.
3. Coordinate all aspects of the planting plans with the irrigation system and call the attention of the owners representative to any conflict in placement of plants in relation to sprinkler heads, lines and valves at the time the landscape installation phase takes place.
4. Finish grade of soil in lawn areas shall be 2" below pads, walks, paving, headers and curbs to accommodate sod. Grades in areas when seeded shall be 1" lower than adjacent edge.
5. Native topsoil shall be stockpiled and stored on site whenever possible for use in landscape areas.
6. All sod areas shall receive a minimum 4" depth of native topsoil and shrub beds shall receive a minimum of 8" of native topsoil.
7. Imported topsoil, when required, shall come from a reputable source, have a loam consistency and be free of weeds and debris.
8. Face each shrub to give the most pleasing look as seen from a line perpendicular to the wall or walk to/from which it is viewed.
9. Edging or Curbing shall be installed as shown on the plan to separate grass from shrub beds.
10. Shrubs shall drain properly to prevent standing water from occurring. Call improperly draining planters or planting beds to the attention of the owners representative before planting. Provide positive drainage away from all structures and walls. Slope landscape areas 2% minimum.
11. Place mulch in all shrub beds and perennial areas. See schedule for depth and type. Do not crowd out small perennial plants with excessive mulch.
12. Provide a 3' minimum diameter circle "tree ring" around trees that are placed within lawn areas. Place a 3" min. depth of mulch. Use shredded bark mulch or match mulch being used for shrub beds.
13. The contractor shall maintain all work until work is complete and accepted by the Owner. The contractor shall maintain and guarantee all work for a period of THIRTY DAYS from the date of final acceptance by the Owner. Maintenance shall include mowing, weeding, fertilizing and irrigating.

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LAND PLANNERS • CIVIL ENGINEERS • LAND SURVEYORS
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REVISIONS

DATE	DESCRIPTION

Arrowleaf
PART OF THE SECTION 18, T.7N., R.1E., S.1B. & M., U.S. SURVEY
EDEN, WEBER COUNTY, UTAH

Entry Landscape

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Engineer: JEREMY A. DRAPER, P.E.
Drafted: N. PETERSON
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