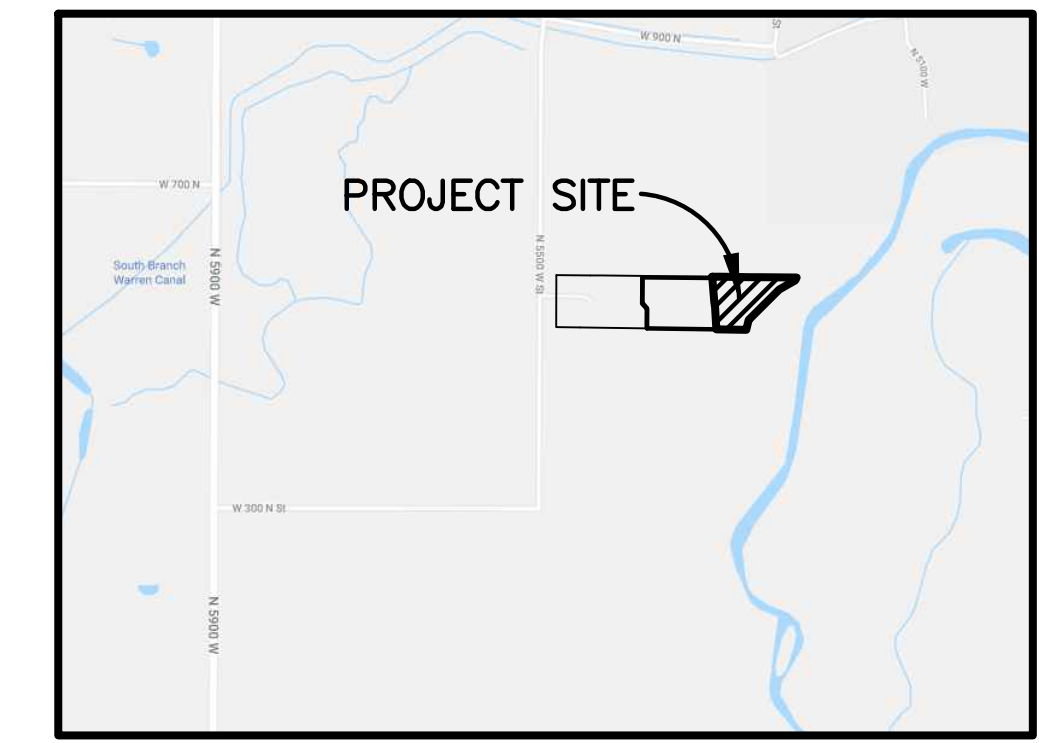


Project Narrative/Notes/Revisions

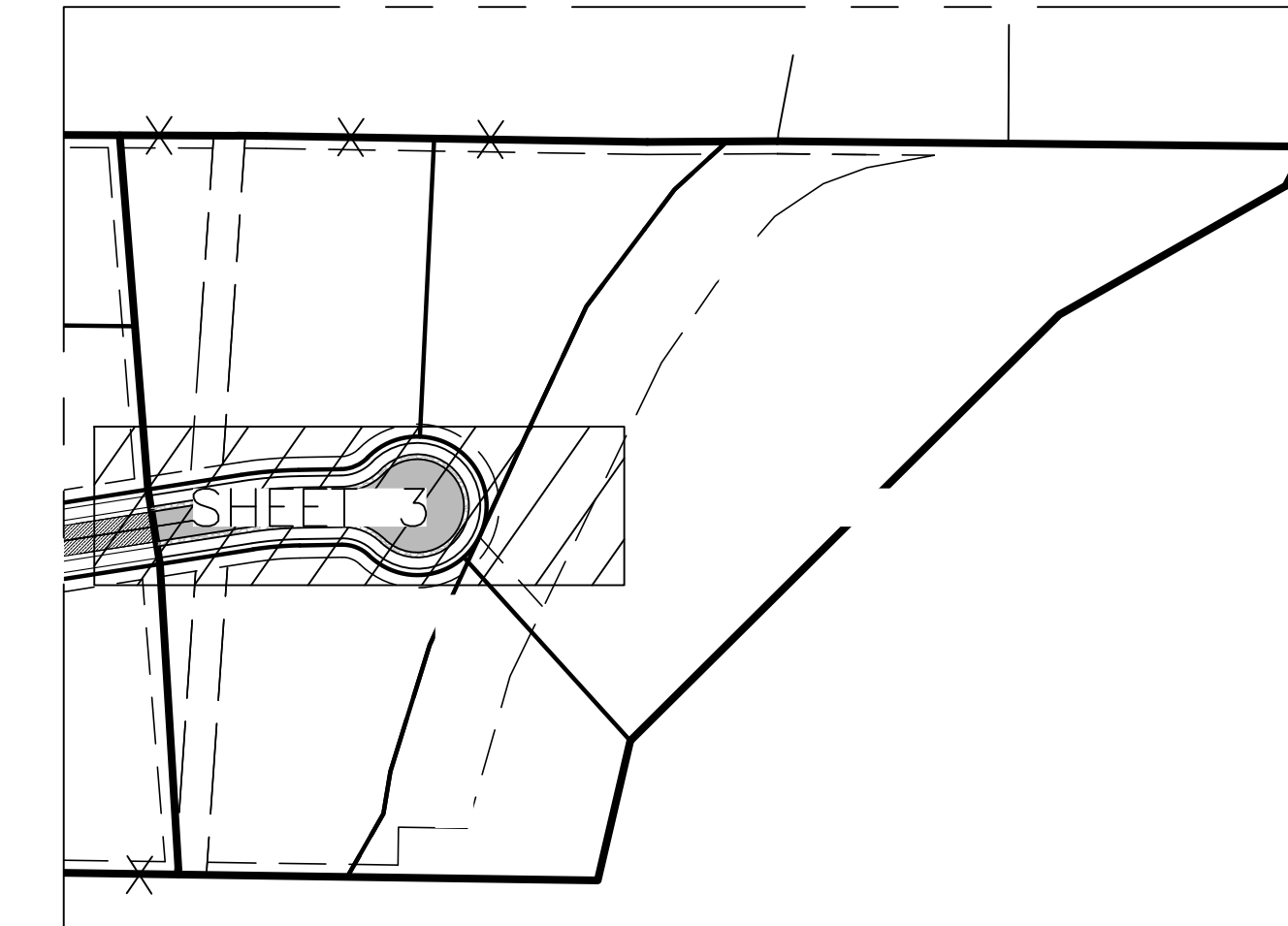
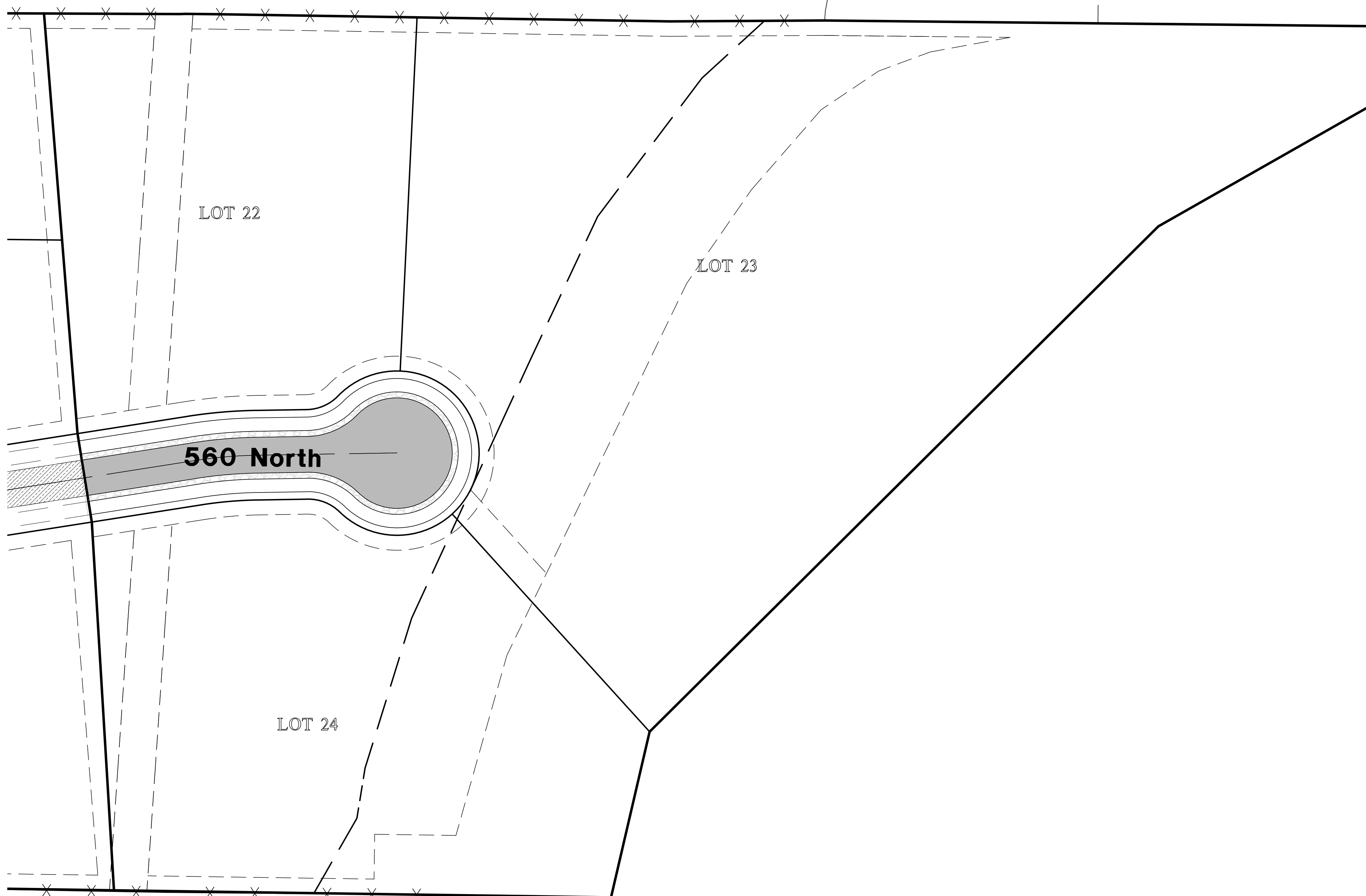
1. 08/12/20 NF - COMPLETED DESIGN FOR CLIENT & CITY REVIEW.
2. 09/01/20 NF - REVISED PER CITY SECONDARY WATER COMMENTS.
3. 09/22/20 NF - REVISED SECONDARY WATER TO MATCH EXISTING SIZE.

Fenster Farm Subdivision Phase 4 Improvement Plans

WARREN CITY, WEBER COUNTY, UTAH
AUGUST 2020



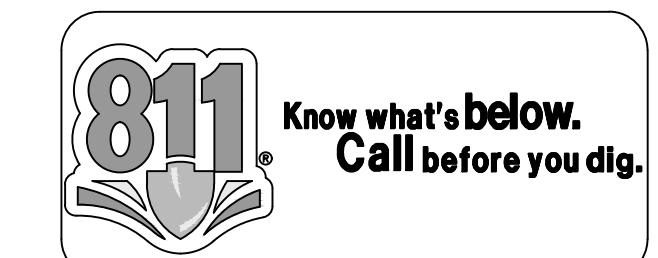
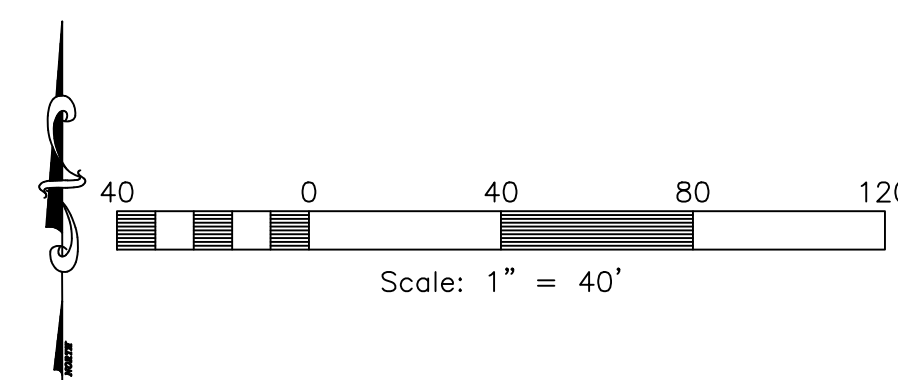
Vicinity Map
NOT TO SCALE



Sheet Index Key Map
NOT TO SCALE

Sheet Index

- Sheet 1 - Cover/Index Sheet
- Sheet 2 - Notes/Legend/Street Cross-Section
- Sheet 3 - 560 North: 20+50.00 - 24+50.00
- Sheet 4 - Existing Ditch Profile
- Sheet 5 - Existing Ditch Plan
- Sheet 6 - Grading Plan
- Sheet 7 - Storm Water Pollution Prevention Plan Exhibit
- Sheet 8 - Storm Water Pollution Prevention Plan 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.

Developer Contact:

Allan Karras
Century 21
2609 N. Main
Sunset, Utah 84015
PH: (801) 564-0909

Project Contact:

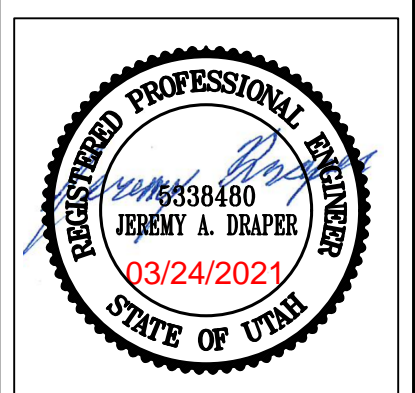
Project Manager: Jeremy Draper
Project Engineer: Jeremy Draper

Reeve & Associates, Inc.
5160 SOUTH 1500 WEST, RIVERDALE, UTAH 84405
TEL: (801) 621-1000 FAX: (801) 621-2666 WWW.REEVE-ASSOCIATES.COM
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REVISIONS	DESCRIPTION
DATE	

Fenster Farm Subdivision Phase-4
WARREN, WEBER COUNTY, UTAH

Cover/Index Sheet



Project Info.

Engineer:	JEREMY A. DRAPER
Drafter:	N. FICKLIN
Begin Date:	APRIL 2020
Name:	FENSTER FARM SUBDIVISION PHASE-4
Number:	1714-26

Sheet	8
1	Sheets

General Notes:

- 1. ALL CONSTRUCTION MUST STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY: GOVERNING UTILITY MUNICIPALITY, GOVERNING CITY OR COUNTY (IF UN-INCORPORATED), INDIVIDUAL PRODUCT MANUFACTURERS...

Utility Notes:

- 1. CONTRACTOR SHALL COORDINATE LOCATION OF NEW "DRY UTILITIES" WITH THE APPROPRIATE UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO: TELEPHONE SERVICE, GAS SERVICE, CABLE, POWER, INTERNET.

Legend

- W— = PROPOSED CULINARY WATER LINE
—EX.W— = EXISTING CULINARY WATER LINE
—SS— = PROPOSED SANITARY SEWER LINE
—EX.SS— = EXISTING SANITARY SEWER LINE
—SD— = PROPOSED STORM DRAIN LINE
—EX.SD— = EXISTING STORM DRAIN LINE
—X—X— = FENCE LINE
—EX.SW— = EXISTING SECONDARY WATER
—SW— = PROPOSED SECONDARY WATER

- L.F. = LINEAR FEET
NG = NATURAL GRADE
PP = POWER/UTILITY POLE
P.U.E. = PUBLIC UTILITY EASEMENT
RCP = REINFORCED CONCRETE PIPE
RIM = RIM OF MANHOLE
R.O.W. = RIGHT-OF-WAY
SD = STORM DRAIN
SS = SANITARY SEWER
TBC = TOP BACK OF CURB
TOA = TOP OF ASPHALT
TOC = TOP OF CONCRETE
TOFF = TOP OF FINISHED FLOOR
TOI = TOP OF PUMP ISLAND
TSW = TOP OF SIDEWALK
W = CULINARY WATER
WM = WATER METER

- [Hatched Box] = EXISTING ASPHALT PAVEMENT
[Grey Box] = PROPOSED ASPHALT PAVEMENT
[White Box] = PROPOSED CONCRETE
[Gravel Box] = PROPOSED GRAVEL PARK STRIP
[Dotted Box] = 100' RIVER PROTECTION ZONE (MOM-BUILDABLE)
[Cross-hatched Box] = EXISTING TEMP. TURN-AROUND (TO BE REMOVED)

Survey Control Note:

THE CONTRACTOR OR SURVEYOR SHALL BE RESPONSIBLE FOR FOLLOWING THE NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS (NSPS) MODEL STANDARDS FOR ANY SURVEYING OR CONSTRUCTION LAYOUT TO BE COMPLETED USING REEVE & ASSOCIATES, INC. SURVEY DATA OR CONSTRUCTION IMPROVEMENT PLANS. PRIOR TO PROCEEDING WITH CONSTRUCTION STAKING, THE SURVEYOR SHALL BE RESPONSIBLE FOR VERIFYING HORIZONTAL CONTROL FROM THE SURVEY MONUMENTS...

Erosion Control General Notes:

THE CONTRACTOR TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO GOVERNING AGENCIES ORDINANCES AND ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE COUNTIES. ALSO, INSPECTORS WILL HAVE THE RIGHT TO CHANGE THE FACILITIES AS NEEDED.

CONTRACTOR SHALL KEEP THE SITE WATERED TO CONTROL DUST. CONTRACTOR TO LOCATE A NEARBY HYDRANT FOR USE AND TO INSTALL TEMPORARY METER. CONSTRUCTION WATER COST TO BE INCLUDED IN BID.

WHEN GRADING OPERATIONS ARE COMPLETED AND THE DISTURBED GROUND IS LEFT OPEN FOR 14 DAYS OR MORE, THE AREA SHALL BE FURROWED PARALLEL TO THE CONTOURS.

THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.

ALL ACCESS TO PROPERTY WILL BE FROM PUBLIC RIGHT-OF-WAYS. THE CONTRACTOR IS REQUIRED BY STATE AND FEDERAL REGULATIONS TO PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND FILE A "NOTICE OF INTENT" WITH THE GOVERNING AGENCIES.

Maintenance:

ALL BEST MANAGEMENT PRACTICES (BMP'S) SHOWN ON THIS PLAN MUST BE MAINTAINED AT ALL TIMES UNTIL PROJECT CLOSE-OUT.

THE CONTRACTOR'S RESPONSIBILITY SHALL INCLUDE MAKING BI-WEEKLY CHECKS ON ALL EROSION CONTROL MEASURES TO DETERMINE IF REPAIR OR SEDIMENT REMOVAL IS NECESSARY. CHECKS SHALL BE DOCUMENTED AND COPIES OF THE INSPECTIONS KEPT ON SITE.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF BARRIER.

SEDIMENT TRACKED ONTO PAVED ROADS MUST BE CLEANED UP AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN THE END OF THE NORMAL WORK DAY. THE CLEAN UP WILL INCLUDE SWEEPING OF THE TRACKED MATERIAL, PICKING IT UP, AND DEPOSITING IT TO A CONTAINED AREA.

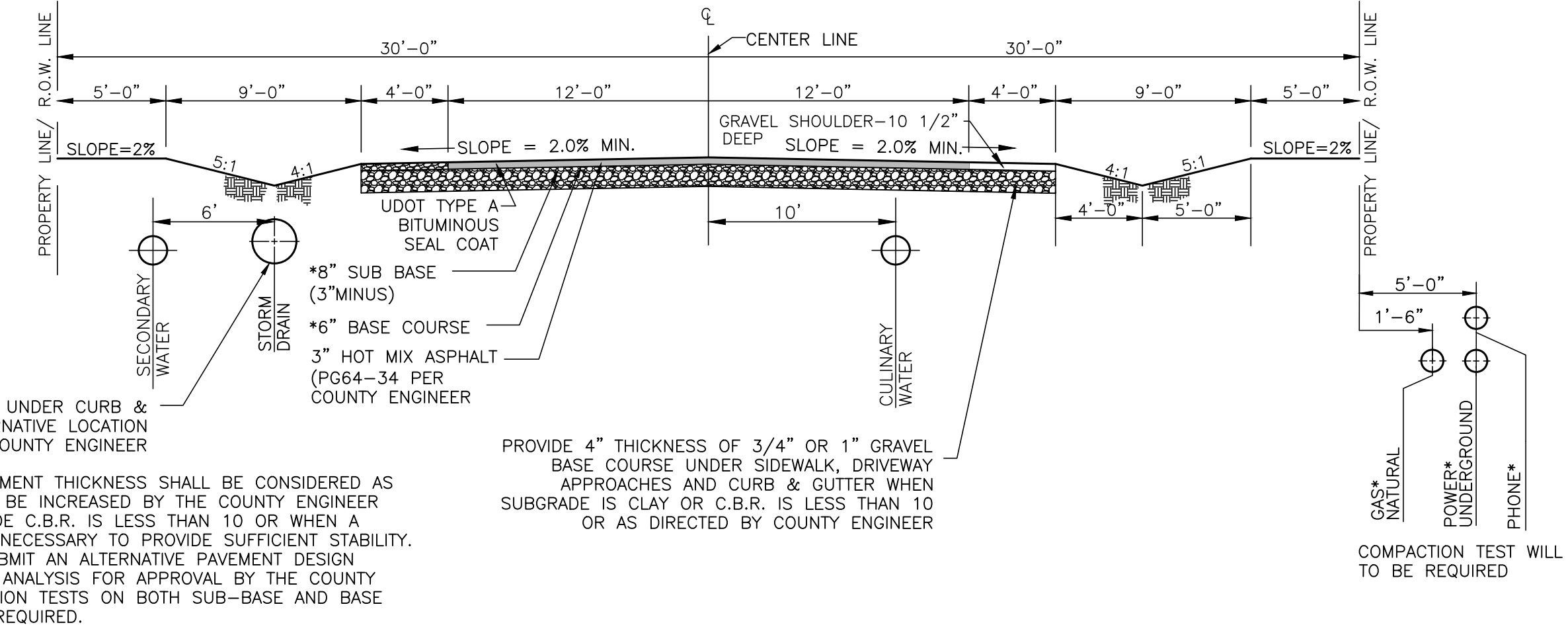
EXPOSED SLOPES:

- ANY EXPOSED SLOPE THAT WILL REMAIN UNTOUCHED FOR LONGER THAN 14 DAYS MUST BE STABILIZED BY ONE OR MORE OF THE FOLLOWING METHODS:
A) SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED
B) TRACKING STRAW PERPENDICULAR TO SLOPES
C) INSTALLING A LIGHT-WEIGHT, TEMPORARY EROSION CONTROL BLANKET

Notice to Contractor:

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON RECORDS OF THE VARIOUS UTILITY COMPANIES AND/OR MUNICIPALITIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.

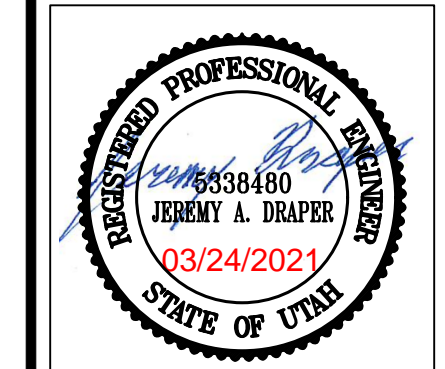
THE CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEERS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.



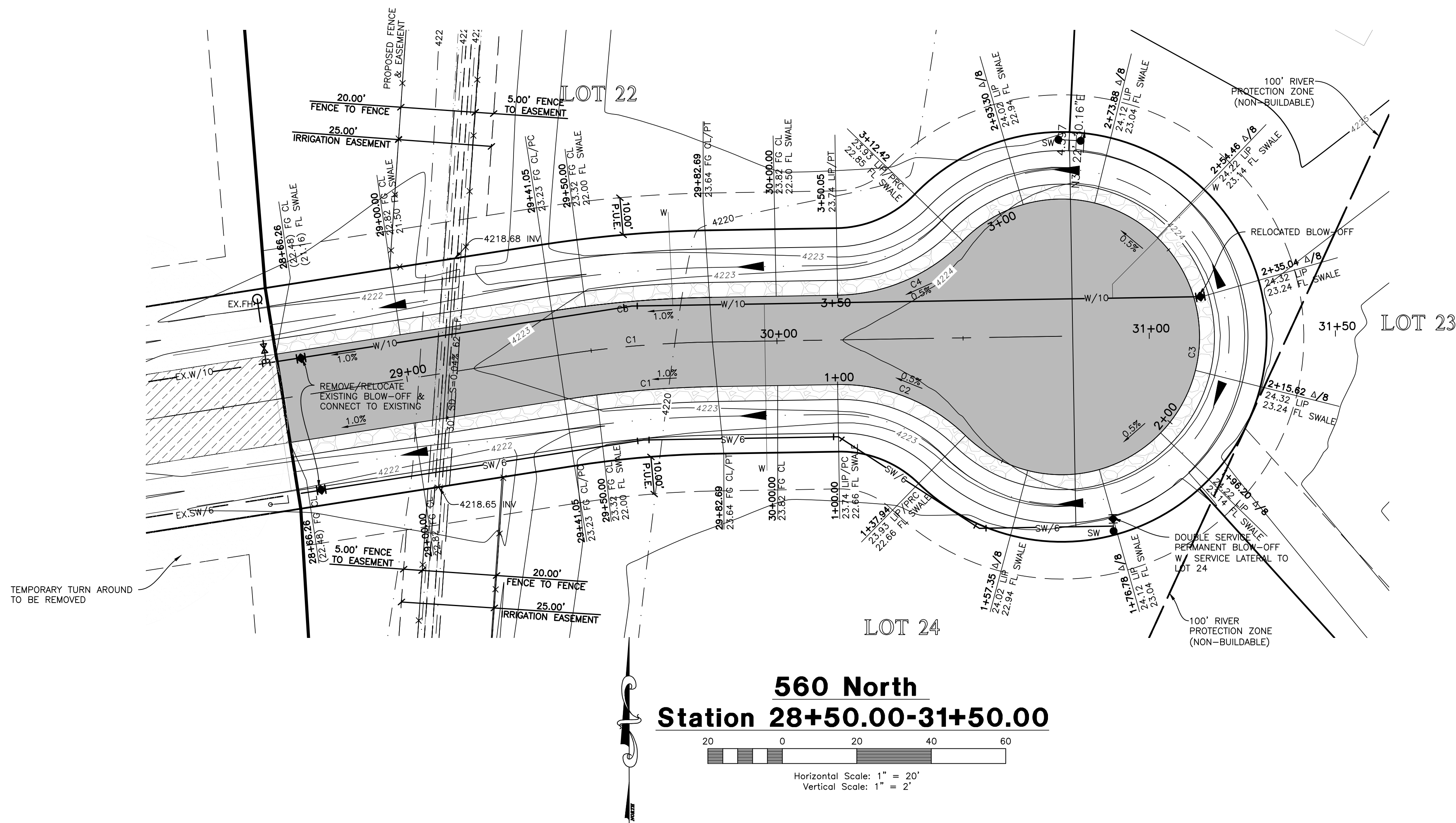
SCALE: NONE
*VERIFY LOCATION WITH PHONE, GAS AND POWER COMPANIES.
NOTE: ALL EXCAVATIONS, COMPACTIONS AND SECTIONS SHALL FOLLOW THE RECOMMENDATION OF THE GEOTECHNICAL STUDY

Street Section (60' R.O.W.)

Table with columns for REVISIONS and DATE.



Project Info. Table containing Engineer (Jeremy A. Draper), Drafter (N. Ficklin), Begin Date (April 2020), Name (Fenster Farm Subdivision Phase-4), and Number (1714-26).

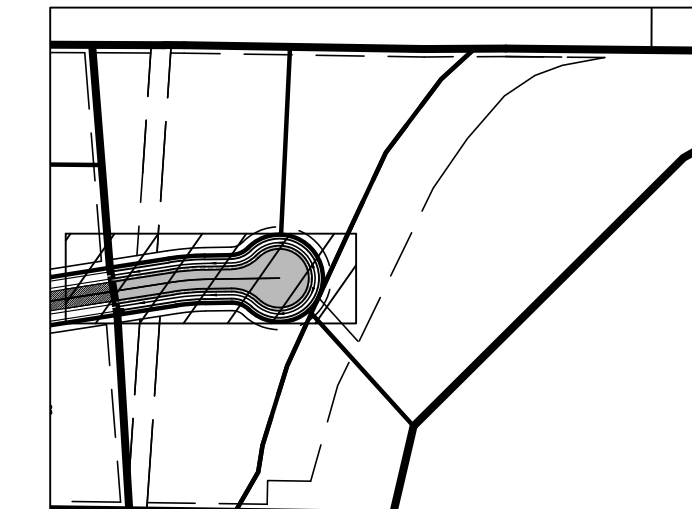


560 North Station 28+50.00-31+50.00



Key Map

NOT TO SCALE



Construction Notes:

- 1) ALL CONSTRUCTION IS TO CONFORM TO THE STANDARD DRAWINGS AND SPECIFICATIONS OF WEBER COUNTY.
- 2) CENTER LINE OF STREET IS 1.32' HIGHER THAN CENTER LINE OF SWALE
- 3) DRIVEWAY SHALL BE PIPED TO ALLOW CONTINUOUS WATER FLOW IN SWALES

CULINARY WATER

W/10 - 10" PVC C-900 CLASS 200 WATER

STORM DRAIN

SD/30 - 30" RCP STORM DRAIN

SECONDARY WATER

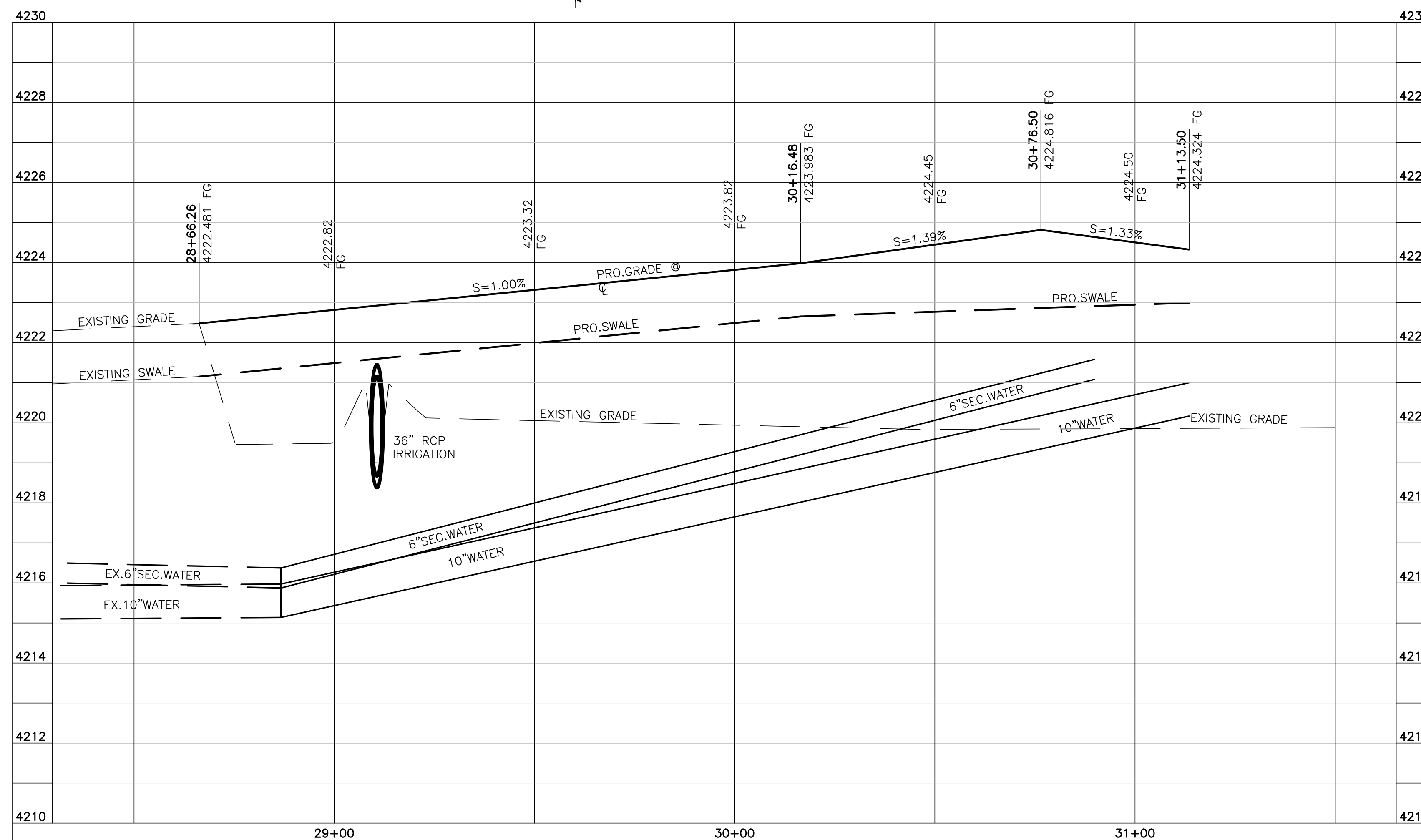
SW/6 - 6" PVC C-900 SECONDARY WATER LINE

Centerline Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C1	7°57'09"	300.00'	41.64'	20.85'	N85°04'39"E	41.61'

TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C1	7°57'09"	288.00'	39.97'	20.02'	S85°04'39"W	39.94'
C2	45°16'52"	48.00'	37.93'	20.02'	N68°18'21"W	36.96'
C3	135°05'56"	37.00'	87.24'	89.54'	N66°47'07"E	68.39'
C4	44°55'00"	48.00'	37.63'	19.84'	N66°35'43"E	36.67'
C5	7°57'09"	312.00'	43.30'	21.69'	S85°04'39"W	43.27'



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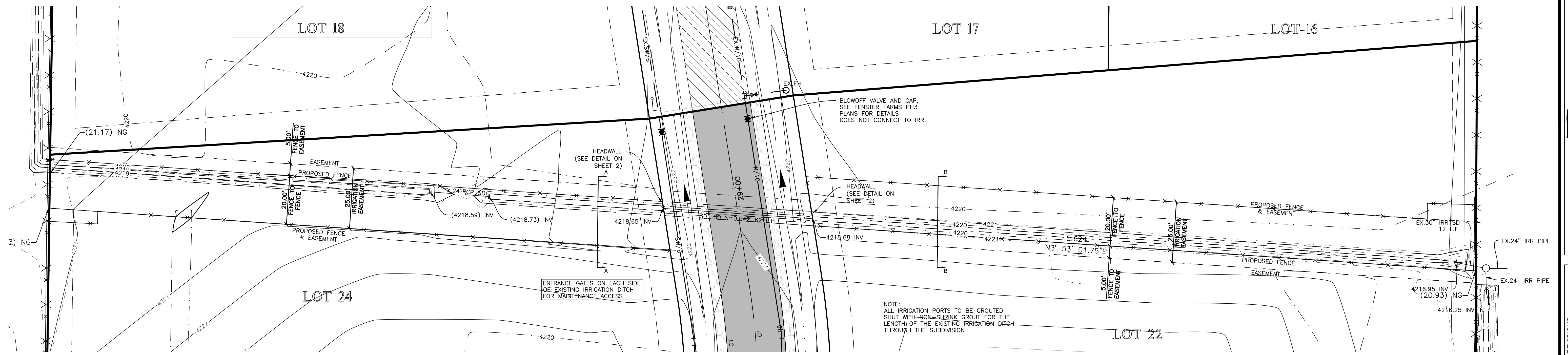
REVISIONS	DESCRIPTION

**Fenster Farm Subdivision
Phase-4**
WARREN, WEBER COUNTY, UTAH

**560 North
Station 20+50.00-24+50.00**

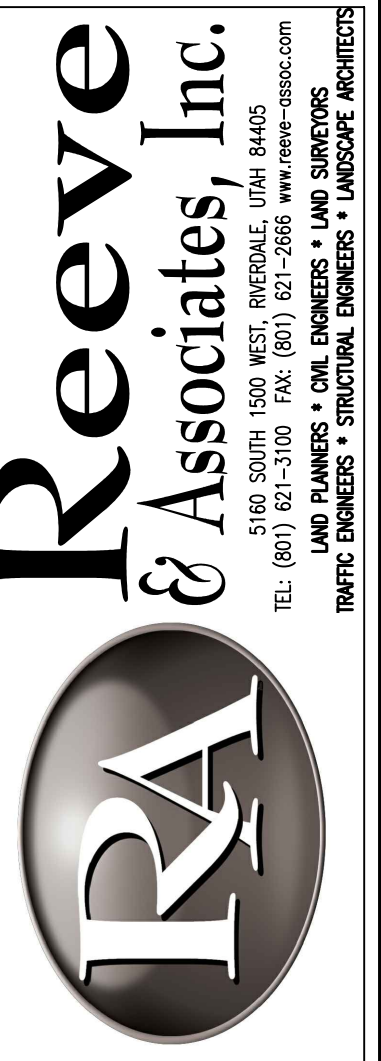
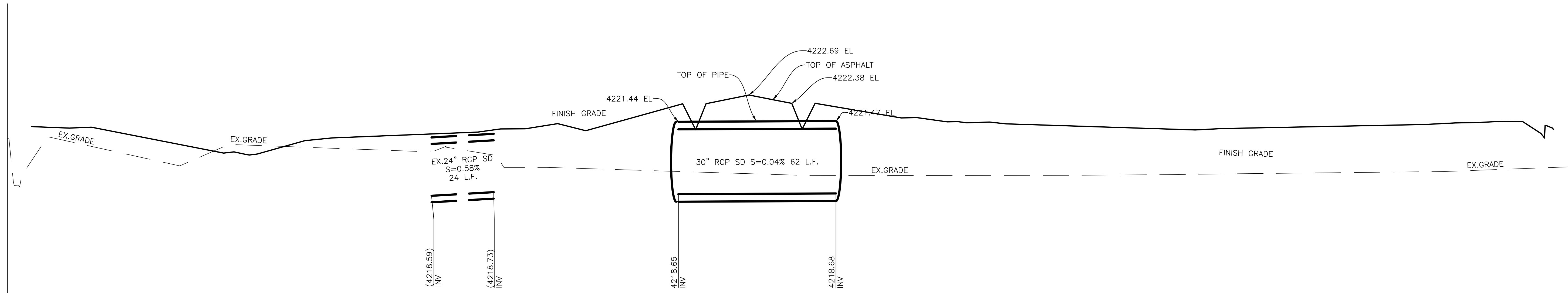
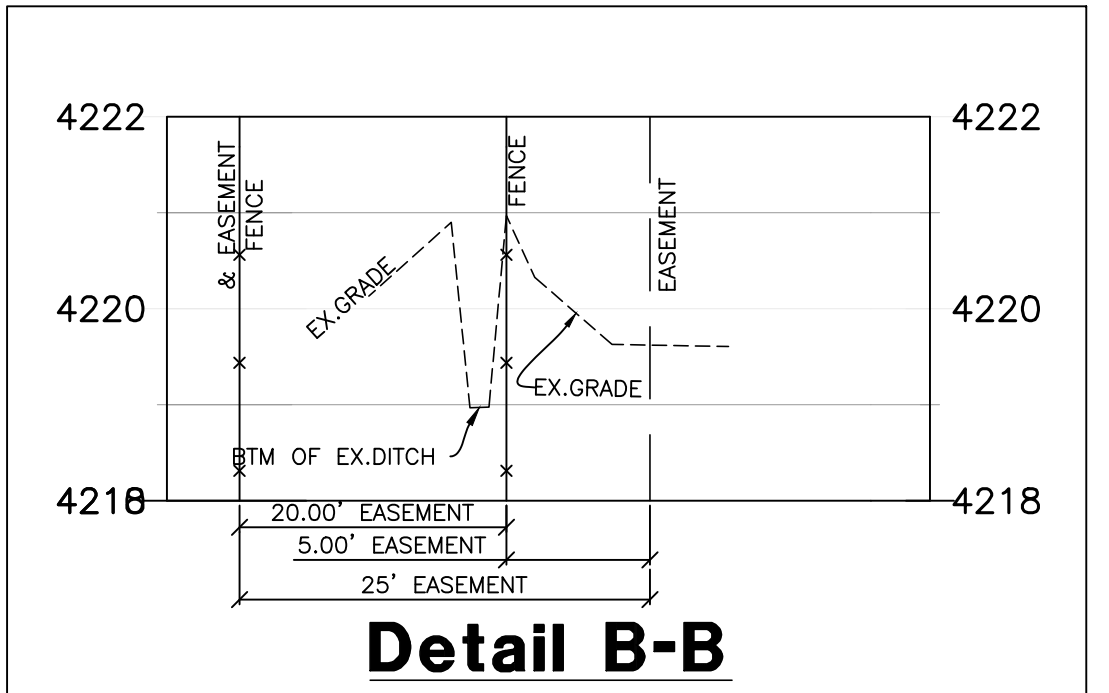
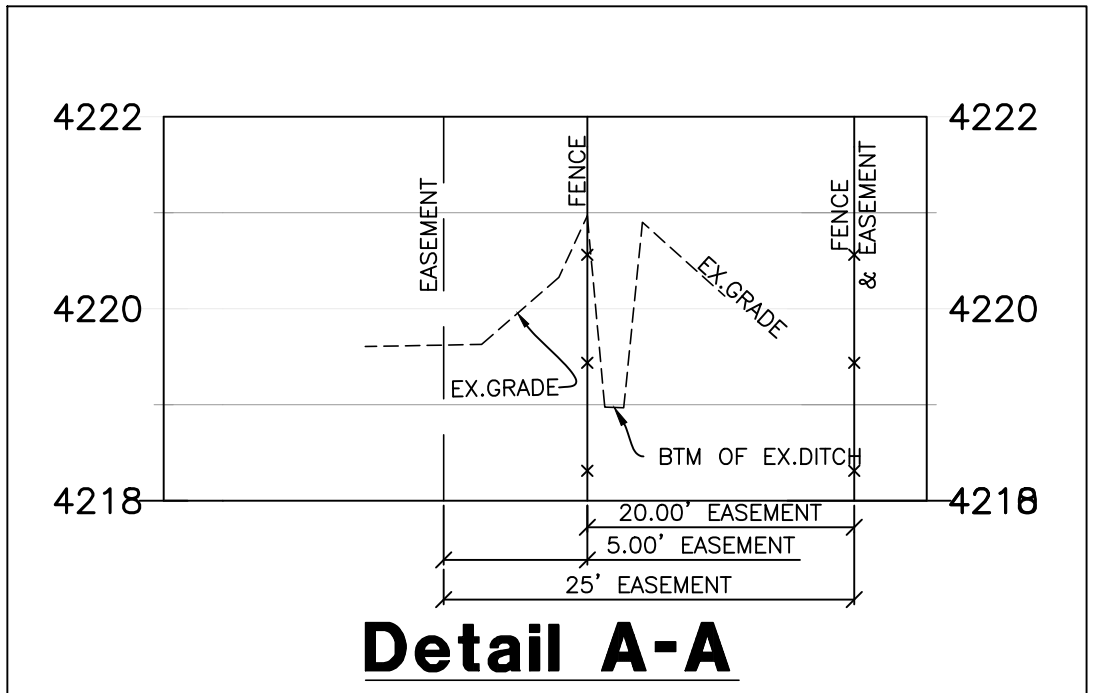
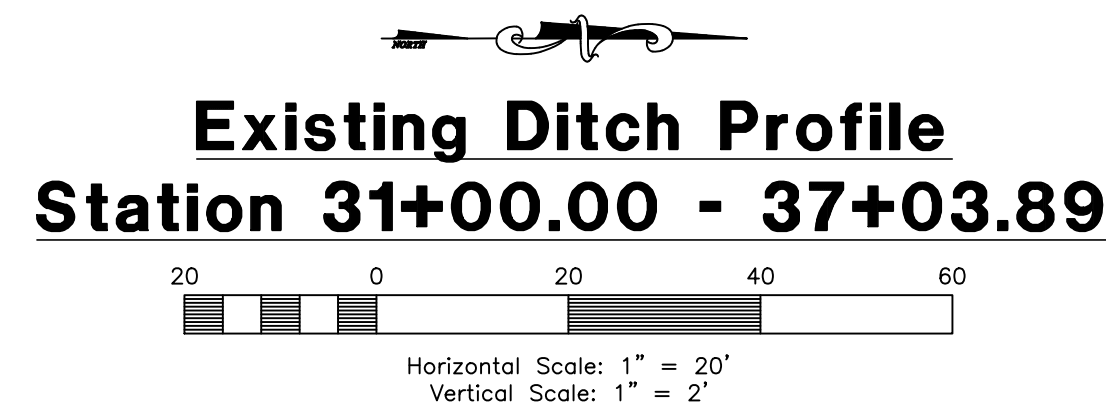


Project Info.
Engineer: JEREMY A. DRAPER
Drafted: N. FICKLIN
Begin Date: APRIL 2020
Name: FENSTER FARM SUBDIVISION PHASE-4
Number: 1714-26



ENTRANCE GATES ON EACH SIDE OF EXISTING IRRIGATION DITCH FOR MAINTENANCE ACCESS

NOTE:
ALL IRRIGATION PORTS TO BE GROUTED SHUT WITH NON-SHRINK GROUT FOR THE LENGTH OF THE EXISTING IRRIGATION DITCH THROUGH THE SUBDIVISION



REVISIONS	DESCRIPTION
DATE	

Fenster Farm Subdivision Phase-4
WARREN, WEBER COUNTY, UTAH

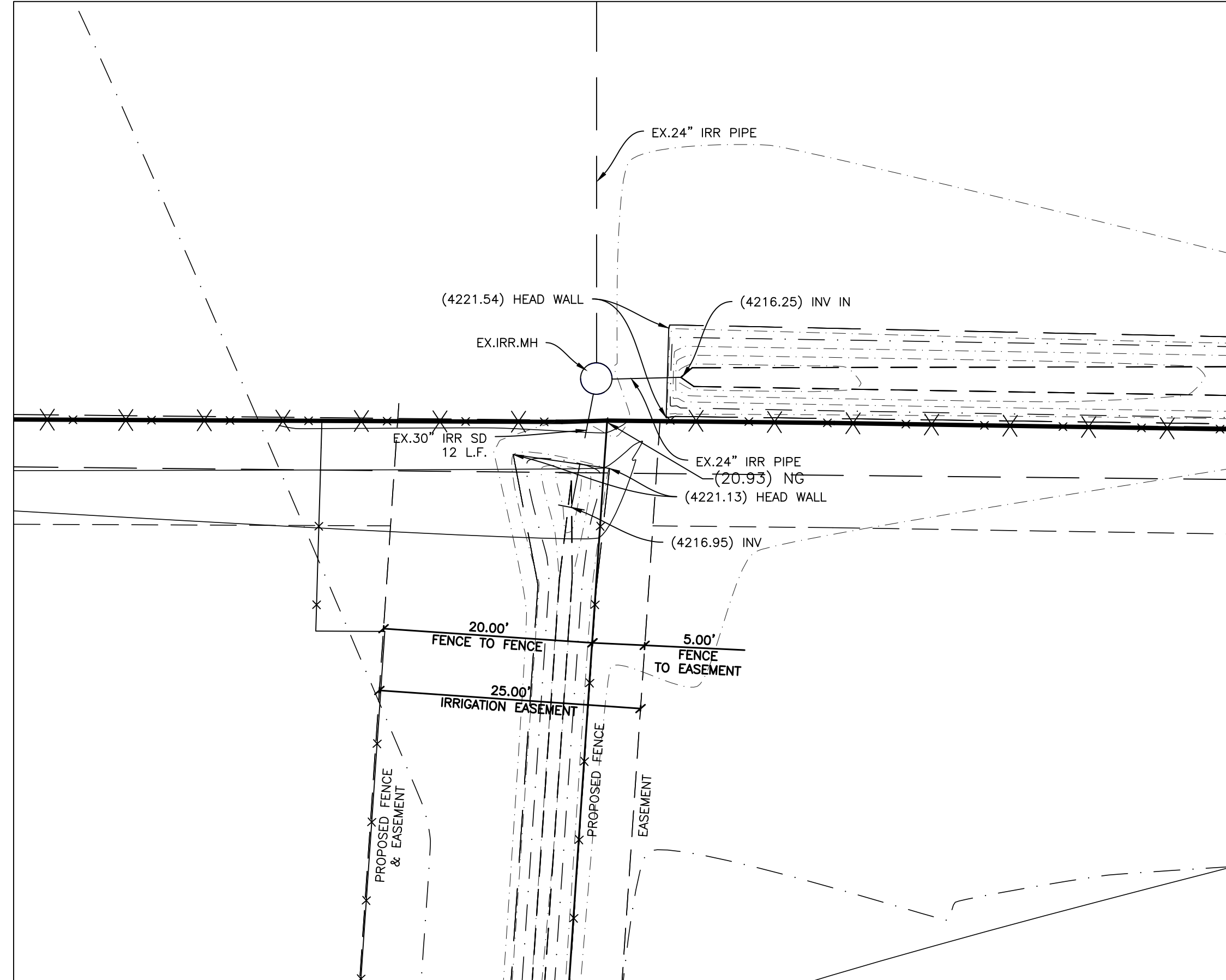
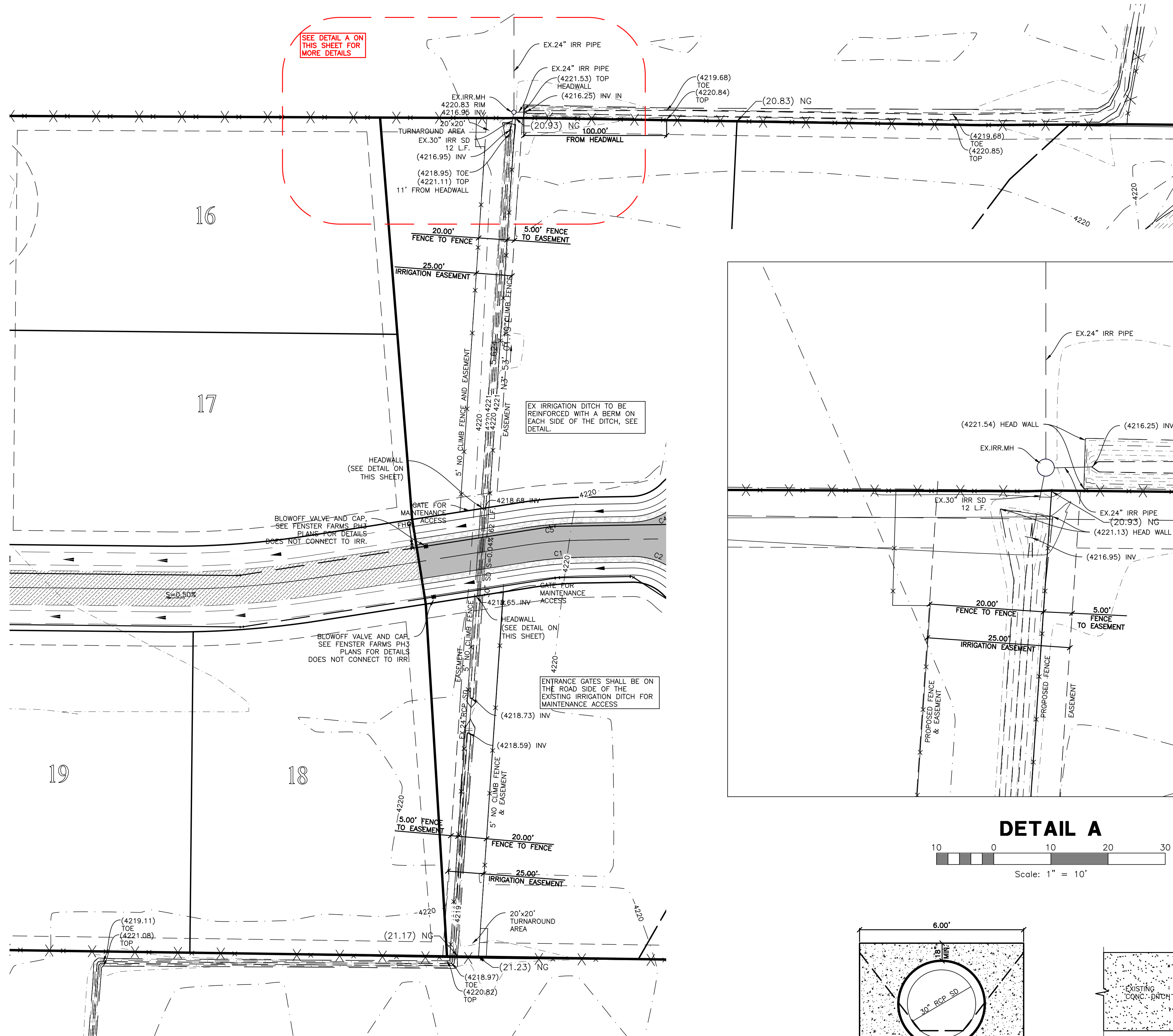
Existing Ditch Profile



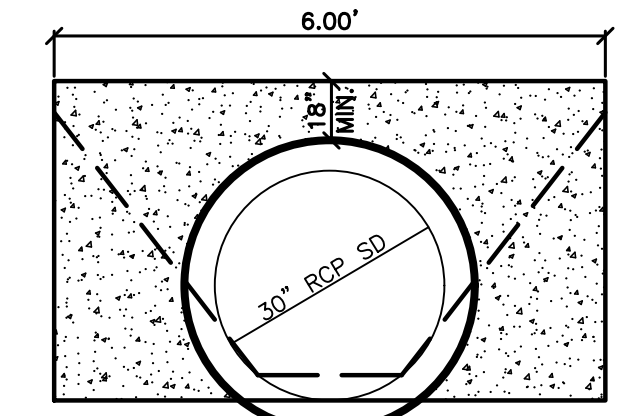
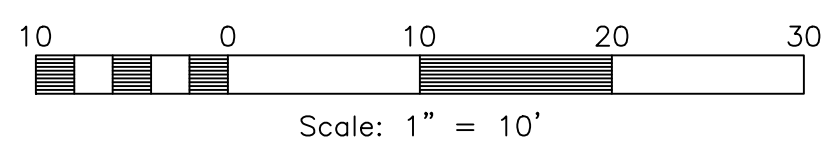
Project Info.

Engineer:	JEREMY A. DRAPER
Drafter:	N. FICKLIN
Begin Date:	APRIL 2020
Name:	FENSTER FARM SUBDIVISION PHASE-4
Number:	1714-26

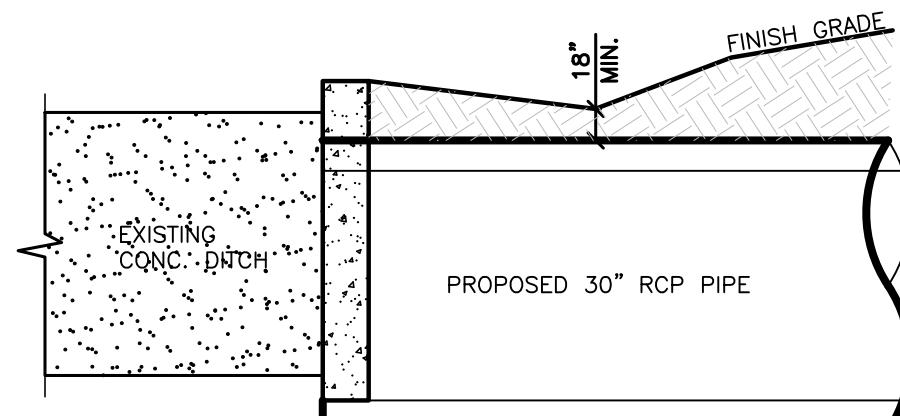
Sheet **4** of **8** Sheets



DETAIL A



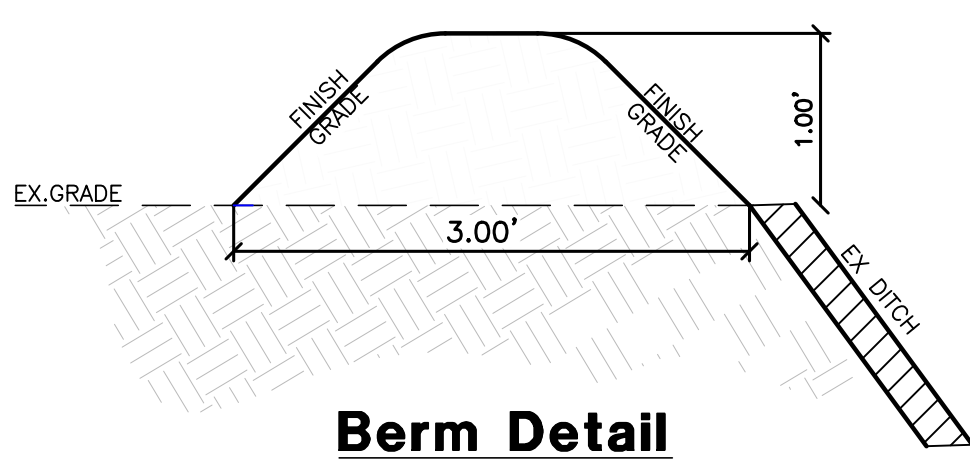
Section



Side

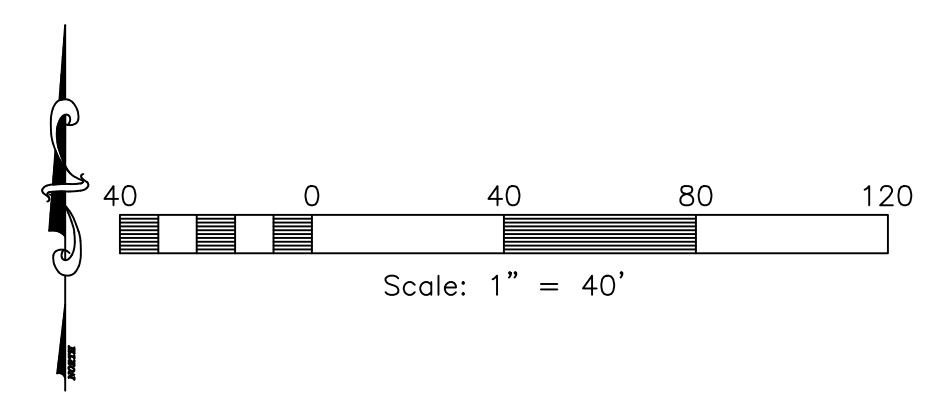
Headwall Detail

SCALE: NONE



Berm Detail

SCALE: NONE



SEE DETAIL A ON THIS SHEET FOR MORE DETAILS

EX IRRIGATION DITCH TO BE REINFORCED WITH A BERM ON EACH SIDE OF THE DITCH. SEE DETAIL.

ENTRANCE GATES SHALL BE ON THE ROAD SIDE OF THE EXISTING IRRIGATION DITCH FOR MAINTENANCE ACCESS

BLOWOFF VALVE AND CAP. SEE FENSTER FARMS PH3 PLANS FOR DETAILS DOES NOT CONNECT TO IRR.

BLOWOFF VALVE AND CAP. SEE FENSTER FARMS PH3 PLANS FOR DETAILS DOES NOT CONNECT TO IRR.

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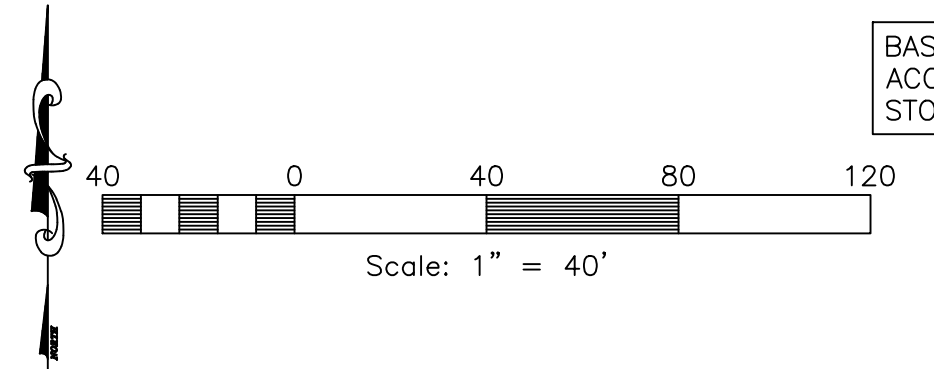
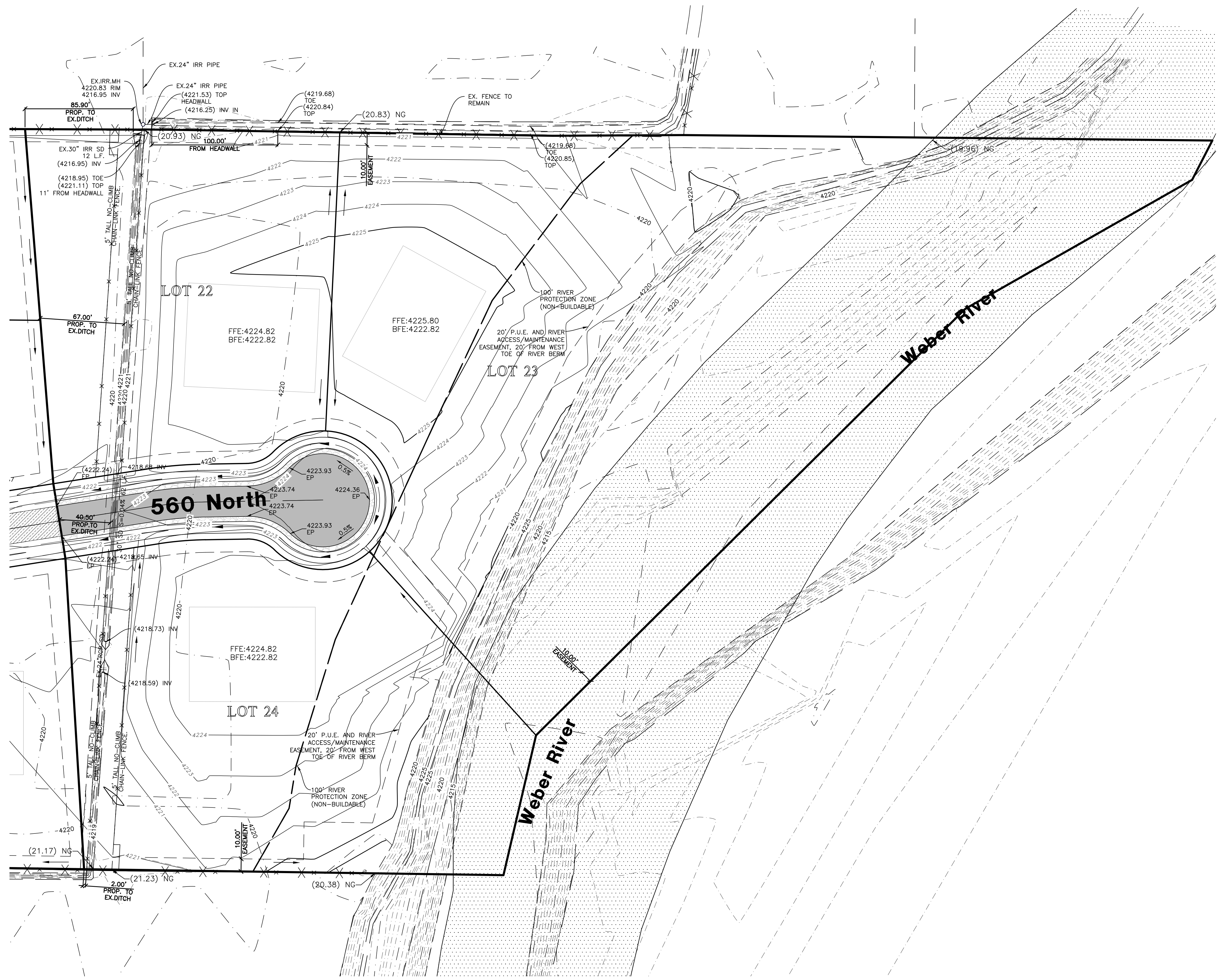
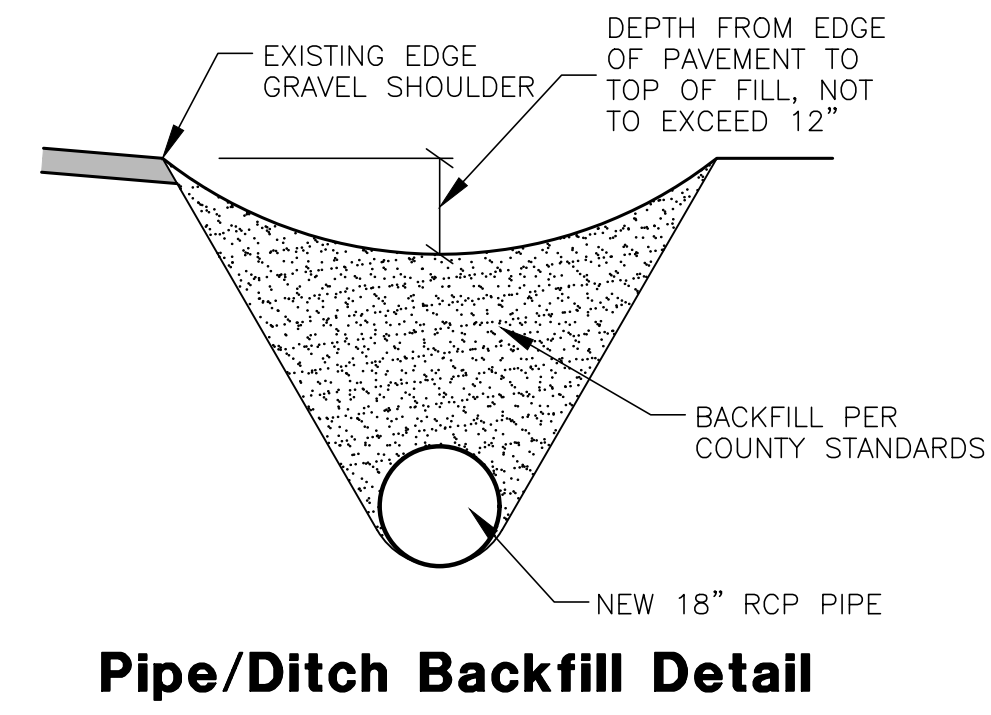
REVISIONS	DESCRIPTION
DATE	

Fenster Farm Subdivision Phase-4
 WARREN, WEBER COUNTY, UTAH
Existing Ditch Plan



Project Info.

Engineer:	JEREMY A. DRAPER
Drafter:	N. FICKLIN
Begin Date:	APRIL 2020
Name:	FENSTER FARM SUBDIVISION PHASE-4
Number:	1714-26



BASIN SIZED IN PHASE 2
ACCOMMODATES FOR
STORAGE IN ALL PHASES

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REVISIONS	DESCRIPTION

Fenster Farm Subdivision Phase-4
 WARREN, WEBER COUNTY, UTAH

Grading Plan



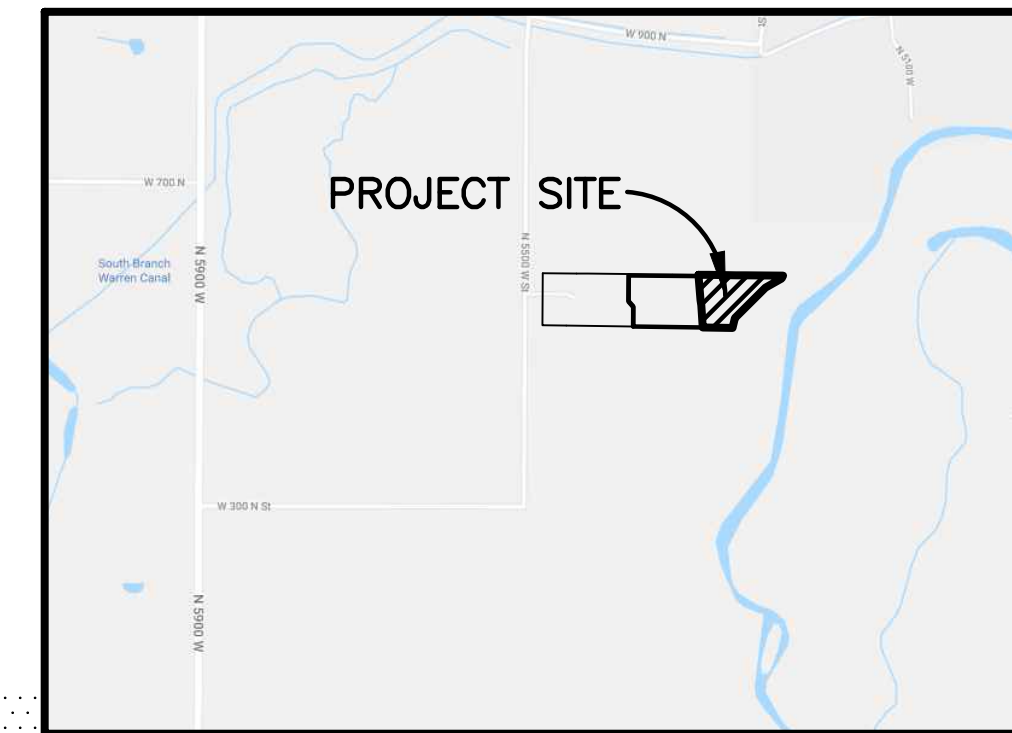
Project Info.

Engineer:	JEREMY A. DRAPER
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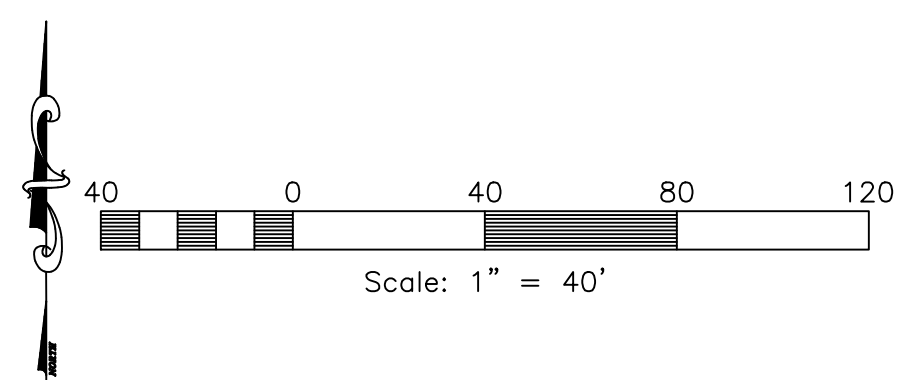
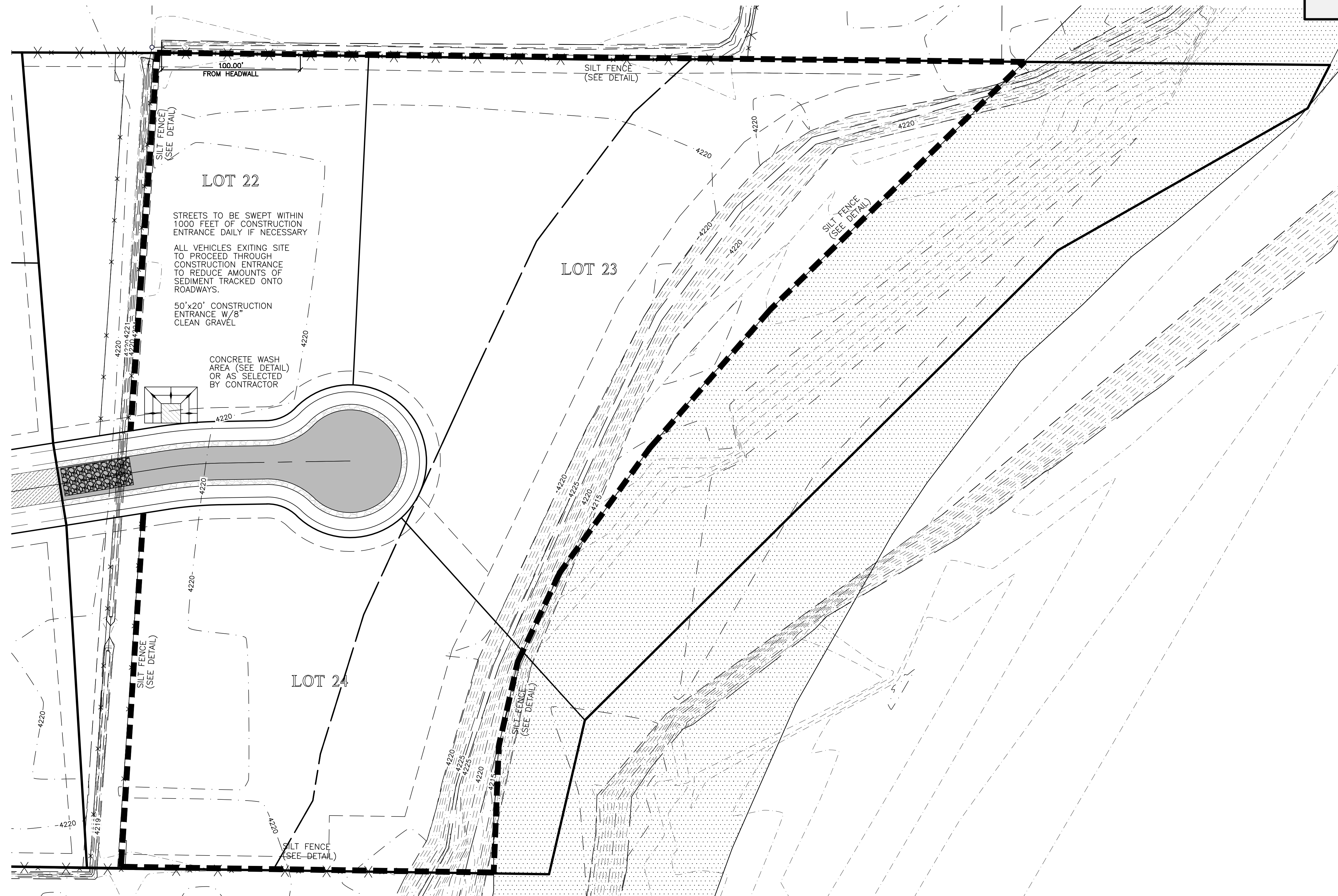
Sheet	8
6	Sheets

Fenster Farm Subdivision Phase 4 Storm Water Pollution Prevention Plan Exhibit

WARREN CITY, WEBER COUNTY, UTAH
AUGUST 2020



Vicinity Map
NOT TO SCALE



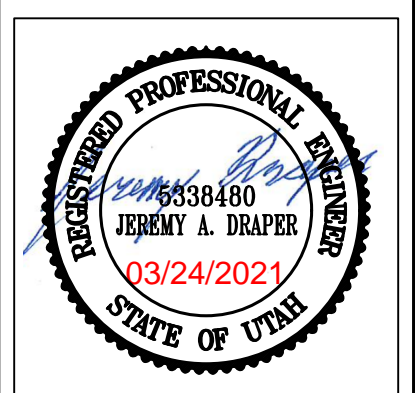
Construction Activity Schedule	
- PROJECT LOCATION.....	WEST WARREN CITY, WEBER COUNTY, (UT)
- PROJECT BEGINNING DATE.....	AUGUST 2020
- BMP'S DEPLOYMENT DATE.....	AUGUST 2020
- STORM WATER MANAGEMENT CONTACT / INSPECTOR.....	ALLAN KORRAS (801) 564-0909
SPECIFIC CONSTRUCTION SCHEDULE INCLUDING BMP CONSTRUCTION SCHEDULE TO BE INCLUDED WITH SWPPP BY OWNER/DEVELOPER	

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REVISIONS	DESCRIPTION
DATE	

**Fenster Farm Subdivision
Phase-4**
WARREN, WEBER COUNTY, UTAH

**Storm Water Pollution
Prevention Plan Exhibit**

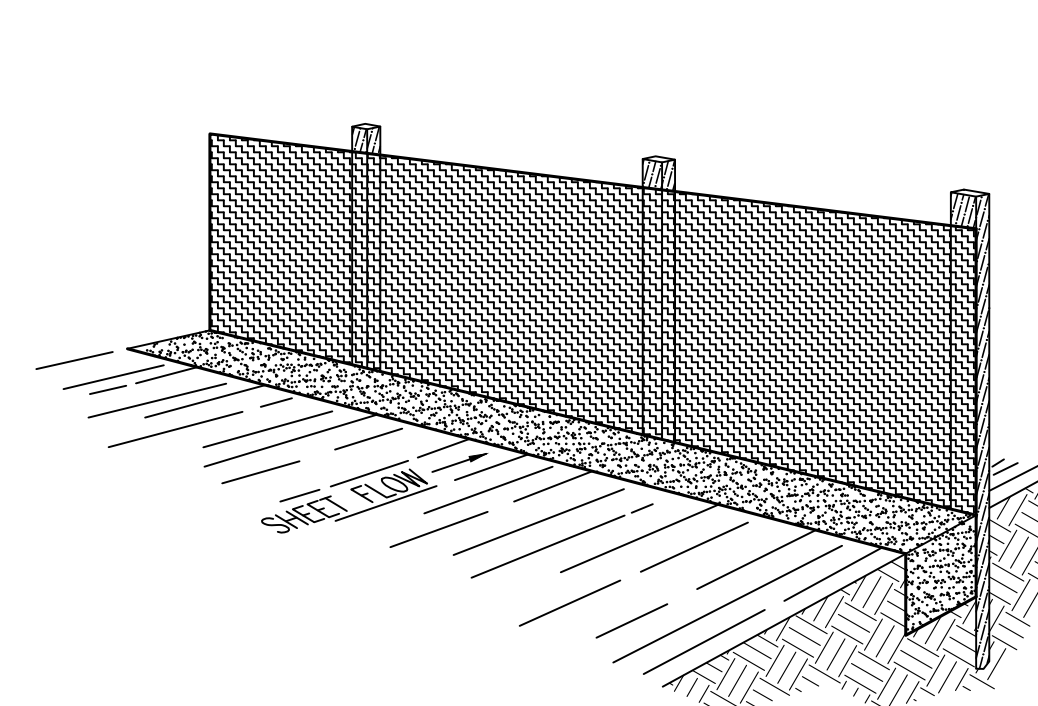


Project Info.	
Engineer:	JEREMY A. DRAPER
Drafter:	N. FICKLIN
Begin Date:	APRIL 2020
Name:	FENSTER FARM SUBDIVISION PHASE-4
Number:	1714-26

Sheet	8
7	Sheets

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
 - 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 UTR300000 identifies the minimum inspection requirements.
 - Part II.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

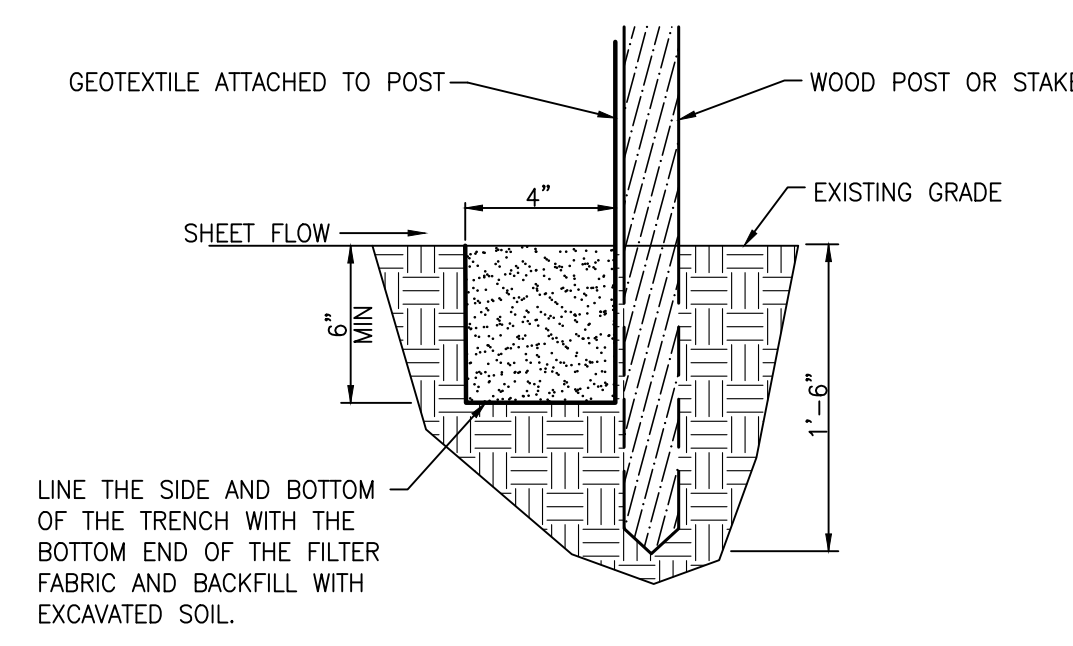
INSTALLATION

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.



Section

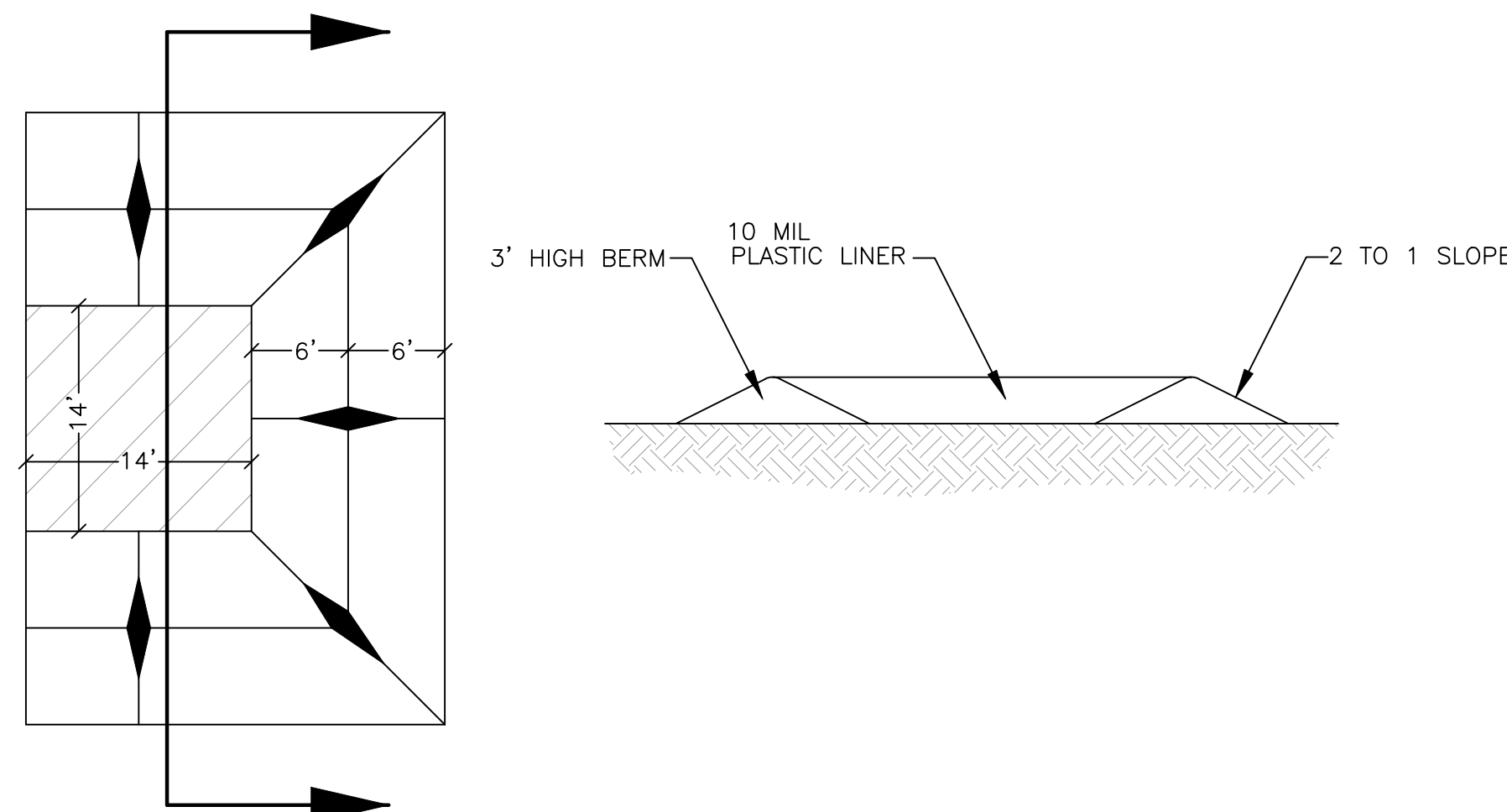
Figure 2

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

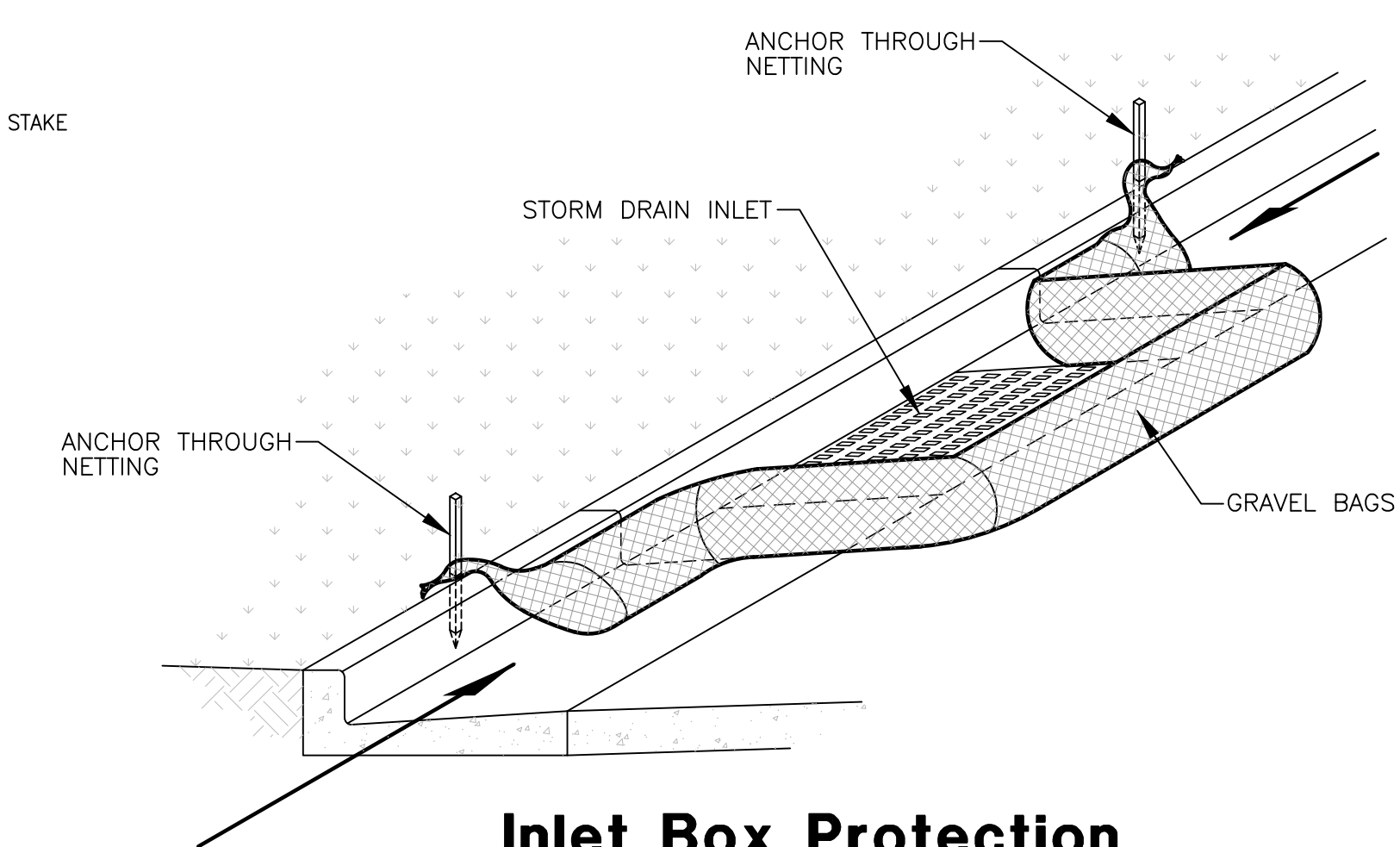
Silt Fence Detail

SCALE: NONE

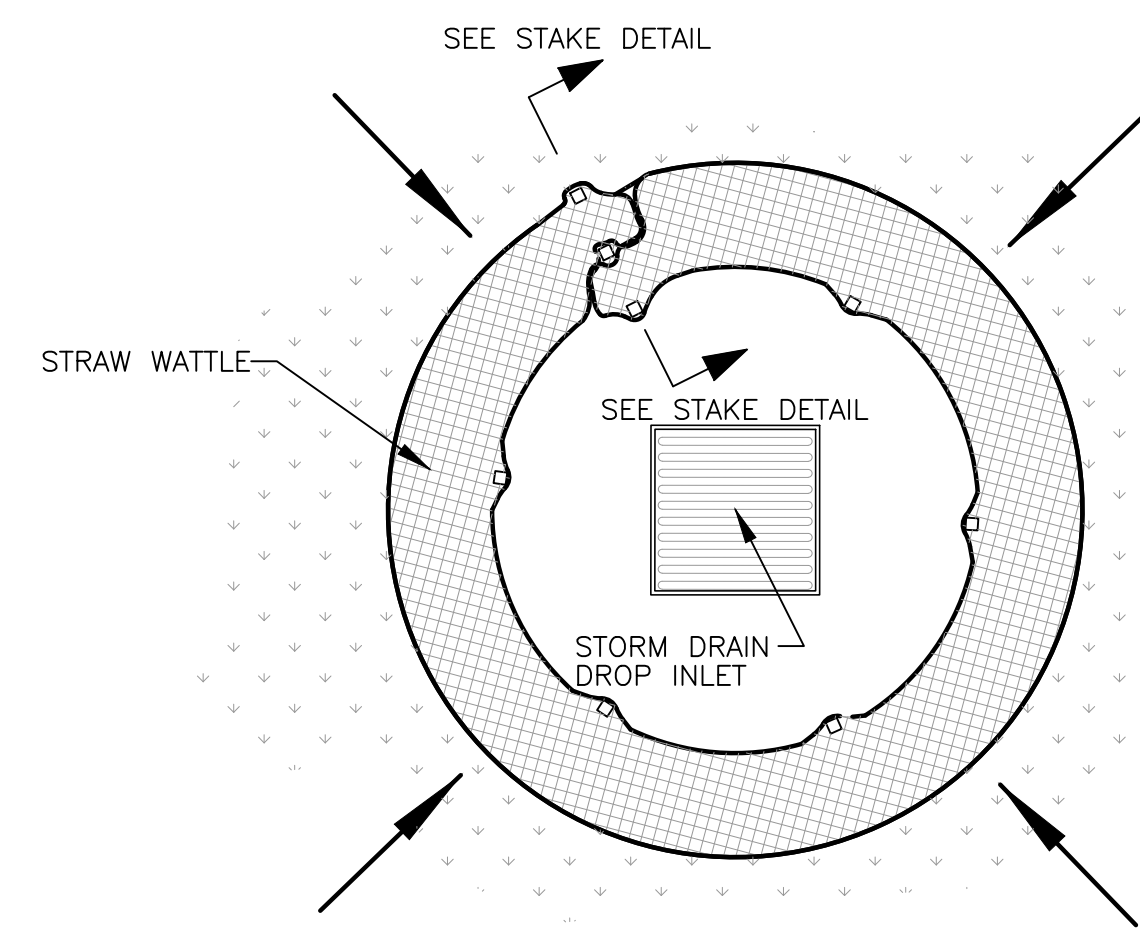


Concrete Washout Area w/ 10 mil Plastic Liner

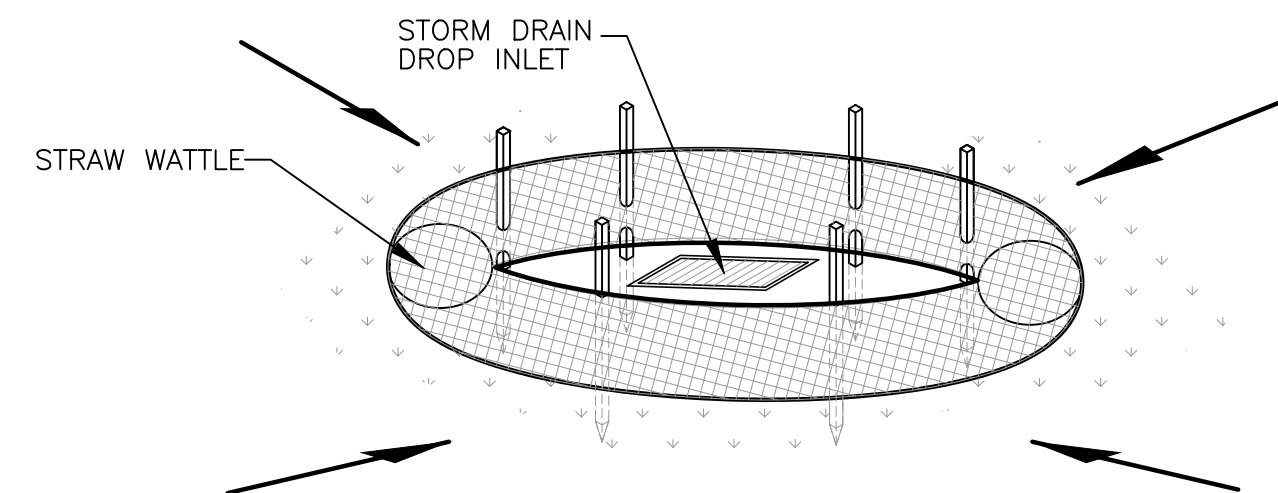
SCALE: NONE



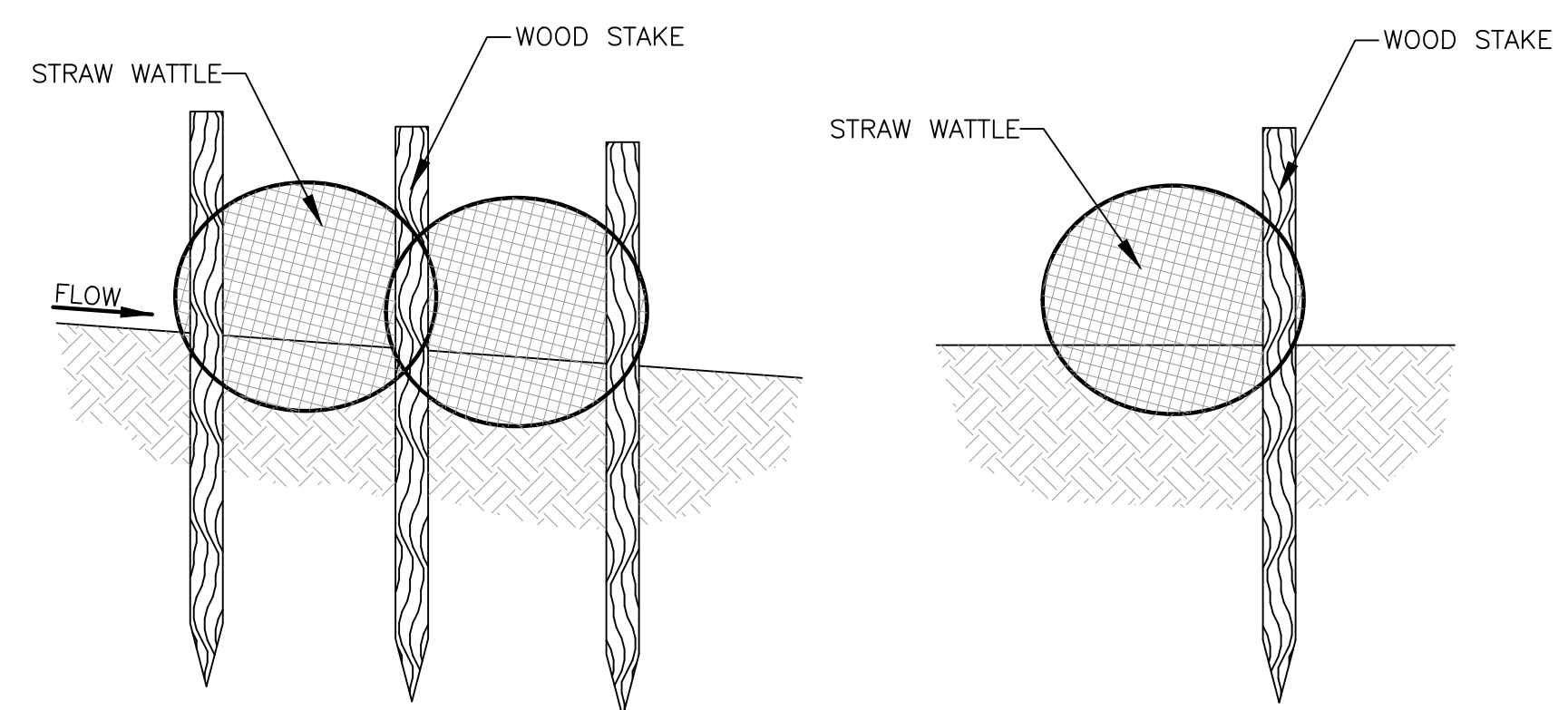
Inlet Box Protection



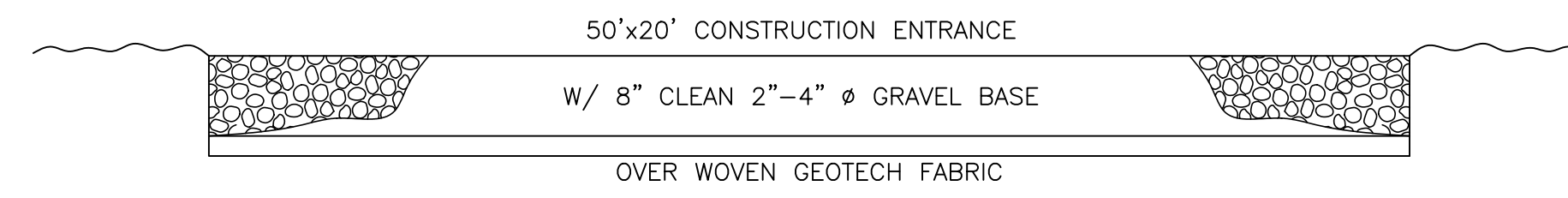
Plan View



Drop Inlet Protection



Stake Detail



Cross Section 50' x 20' Construction Entrance

- 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.

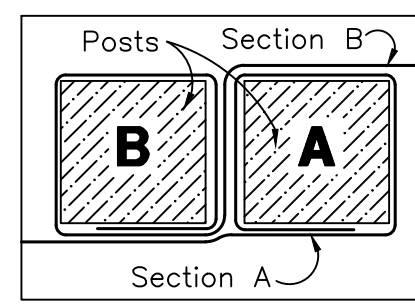


Figure 1: Top View of Roll-to-Roll Connection

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 TRAFFIC ENGINEERS • STRUCTURAL ENGINEERS • LANDSCAPE ARCHITECTS

REVISIONS	DESCRIPTION
DATE	

Fenster Farm Subdivision Phase-4
 WARREN, WEBER COUNTY, UTAH
Storm Water Pollution Prevention Plan Details

REGISTERED PROFESSIONAL ENGINEER
 JEREMY A. DRAPER
 03/24/2021
 STATE OF UTAH

Project Info.
 Engineer: JEREMY A. DRAPER
 Drafter: N. FICKLIN
 Begin Date: APRIL 2020
 Name: FENSTER FARM SUBDIVISION PHASE-4
 Number: 1714-26

Sheet **8**
 8 Sheets