

**Project Narrative/Notes/Revisions**

- 05/25/2023 NF - COMPLETED DESIGN FOR CLIENT & COUNTY REVIEW.
- 08/01/2023 NF - REVISED PER COUNTY COMMENTS.
- 08/07/2023 NF - REVISED PER HOOPER IRRIGATION & TWWWD COMMENTS.
- 12/13/2023 NF - REVISED UTILITY OUTFALL, ADDED IN PHASE 3.
- 02/12/2024 NF - REVISED PER COUNTY COMMENTS.
- 02/27/2024 NF - REVISED PER JUB COMMENTS. 02.23.2024.
- 03/14/2024 NF - REVISED PER CITY COMMENTS.
- 04/26/2024 KH - REVISIONS PER PRECONSTRUCTION MEETING.

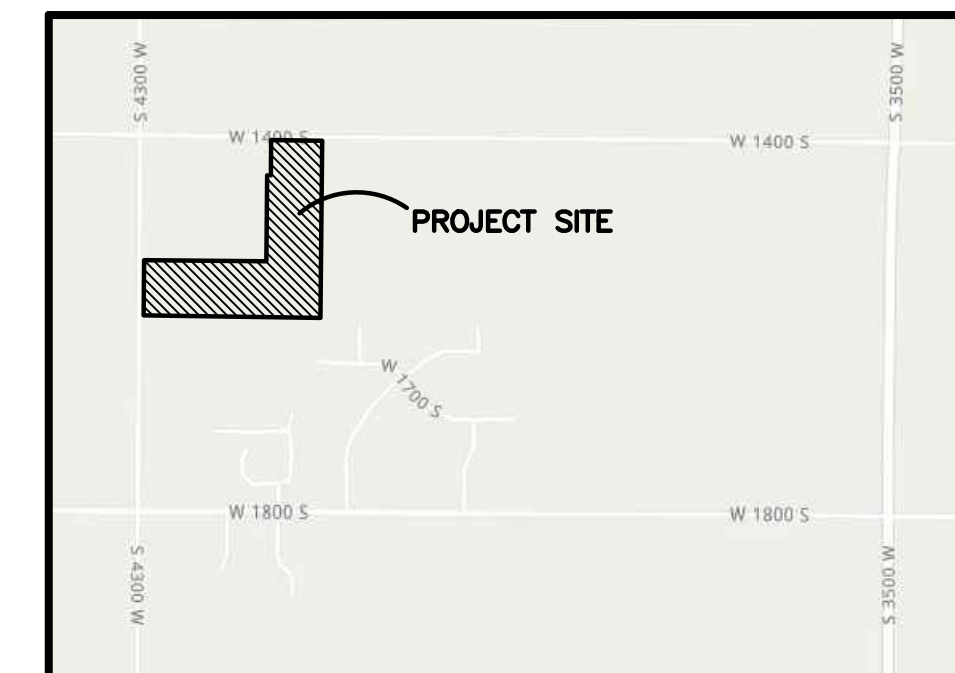
# ANSELMI ACRES Improvement Plans

WEBER COUNTY, UTAH  
DECEMBER, 2023

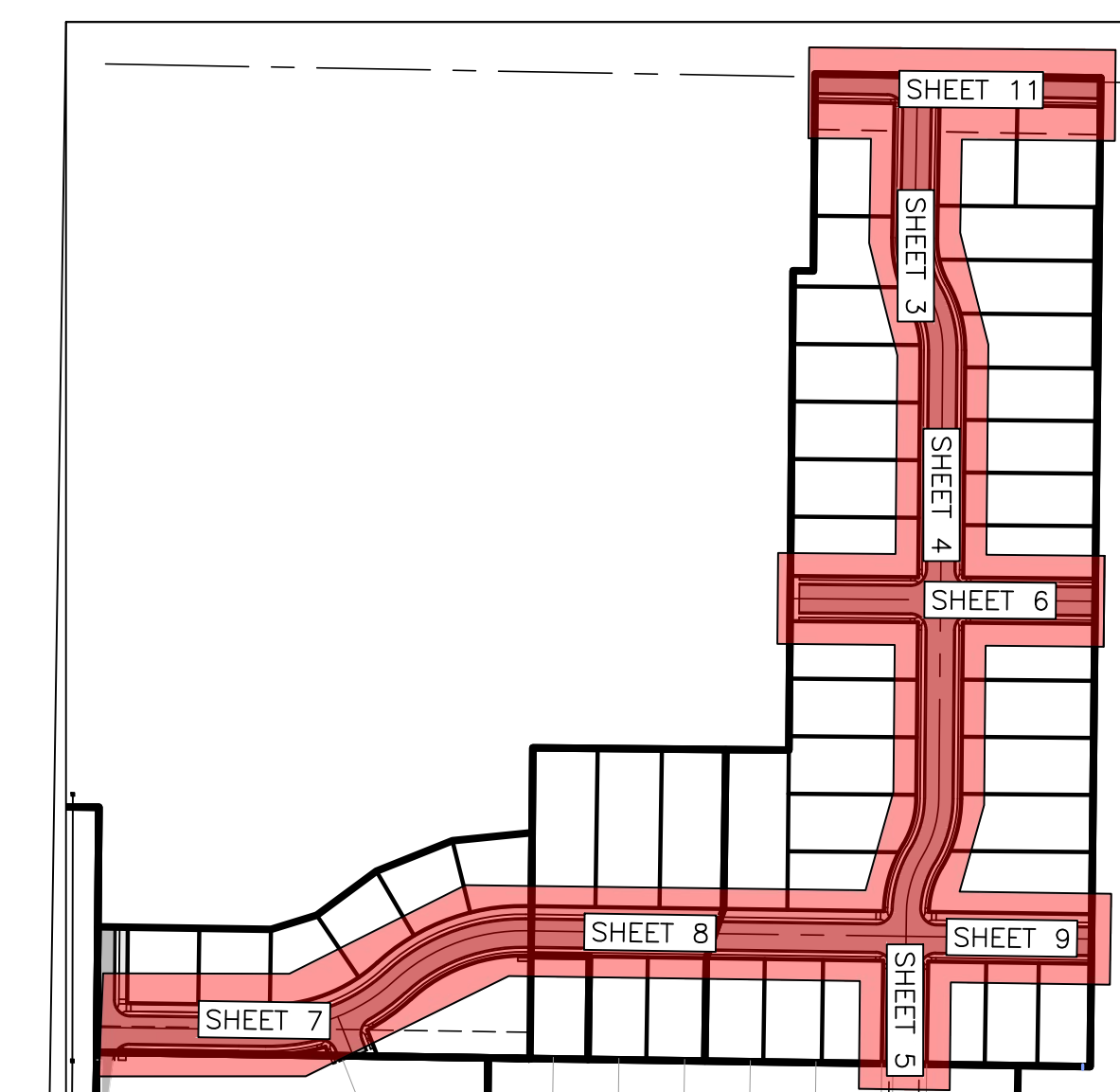
**FINAL FOR CONSTRUCTION  
SET 4/26/2024**

**Sheet Index**

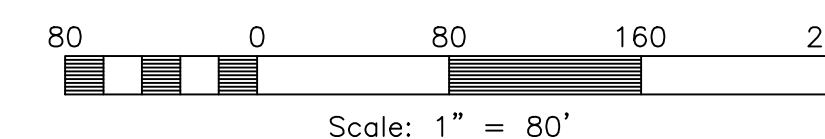
- Sheet 1 - Cover/Index Sheet
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- Sheet 17 - Storm Water Pollution Prevention Plan Exhibit
- Sheet 18 - Storm Water Pollution Prevention Plan Details



**Vicinity Map**  
NOT TO SCALE



**Sheet Index Key Map**  
NOT TO SCALE



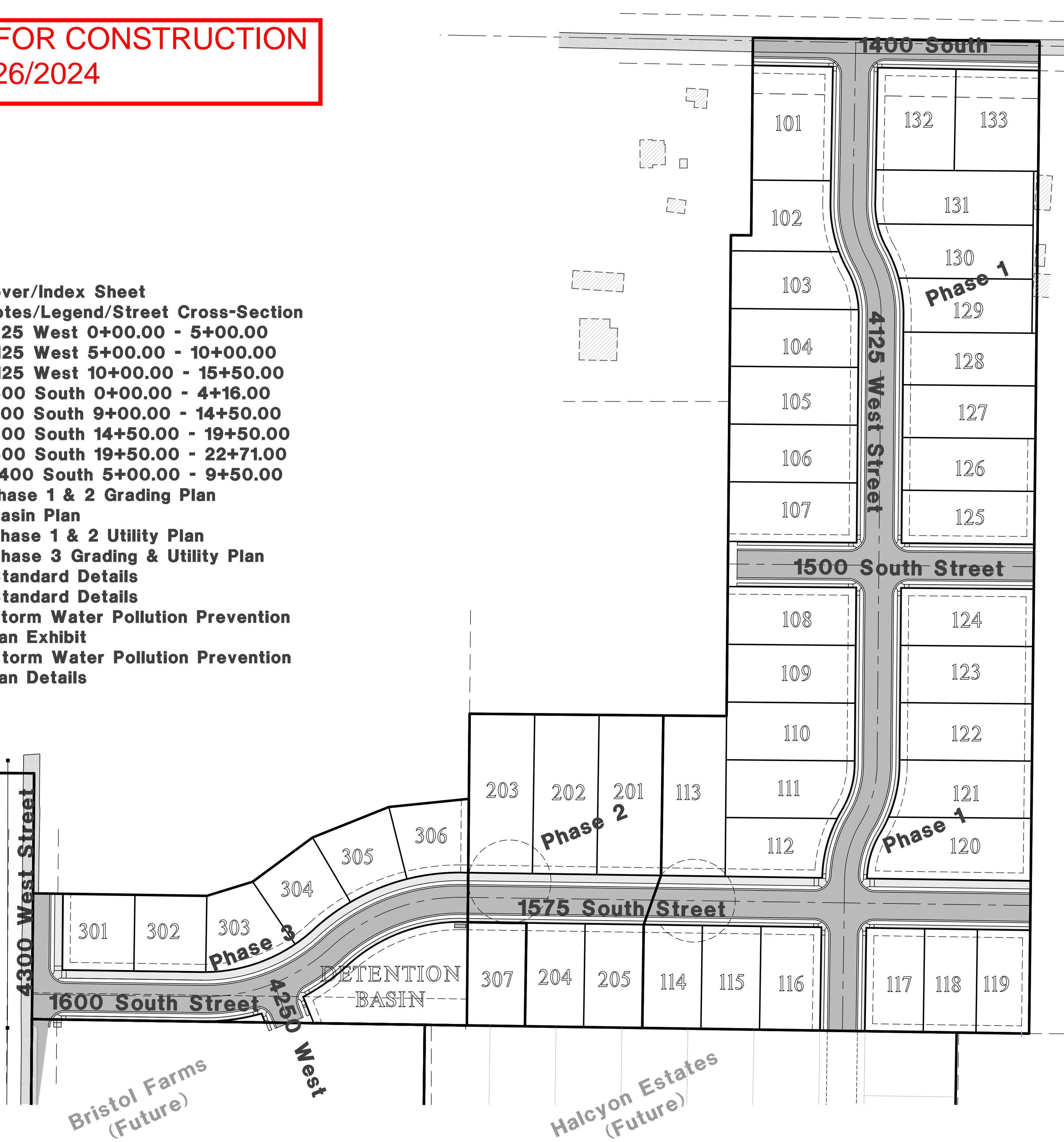
**Surveyor:**  
Jason Felt  
Reeve & Associates, Inc.  
5160 South 1500 West  
Riverdale, Utah, 84405  
PH:(801) 621-3100

**Notice:**  
THESE PLANS WERE CREATED UTILIZING COLORS FOR UTILITIES & OTHER INFRASTRUCTURE. IF PRINTED IN, OR COPIED TO BLACK & WHITE, SOME LINE WORK MAY NOT SHOW UP PROPERLY.

**Developer Contact:**  
Steward Development  
Sky Hazlehurst  
1708 East 5550 South  
South Ogden, Utah, 84405  
PH: (801) 837-2020

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

**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.



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

**PA**  
LAND PLANNERS • CIVIL ENGINEERS • LAND SURVEYORS  
TRAFFIC ENGINEERS • STRUCTURAL ENGINEERS • UTILITY ENGINEERS

DATE	DESCRIPTION
08.01.2023	NE County Comments
08.07.2023	NE Irr. & Wtr. Comm.
12.13.2023	NE Utility Outfall
02.27.2024	NE JUB Comments
03.14.2024	NE City Comments

**Anselmi Acres Subdivision**  
WEBER COUNTY, UTAH  
**Cover/Index Sheet**



**Project Info.**  
Engineer: J. NATE REEVE, P.E.  
Drafter: N. FICKLIN  
Begin Date: MAY, 2023  
Name: ANSELMI ACRES SUBDIVISION  
Number: 7152-19



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, AMERICAN PUBLIC WORKS ASSOCIATION (APWA), AND THE DESIGN ENGINEER. THE ORDER LISTED ABOVE IS ARRANGED BY SENIORITY. IF A CONSTRUCTION PRACTICE IS NOT SPECIFIED BY ANY OF THE LISTED SOURCES, THE CONTRACTOR MUST CONTACT THE DESIGN ENGINEER FOR THE CORRECT PRACTICE AND DIRECTION.

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.

- NOTE: 1. SAWCUT EXISTING ASPHALT INSIDE FROM OUTER EDGE FOR TACK SEAL OF NEW ASPHALT 2. CONTRACTOR TO VERIFY 2% MIN. AND 5% MAX SLOPE FROM EDGE OF ASPHALT TO LIP OF GUTTER

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 AND FOR VERIFYING ANY ADDITIONAL CONTROL POINTS SHOWN ON AN ALTA SURVEY, IMPROVEMENT PLAN, OR ANY ELECTRONIC DATA PROVIDED. THE SURVEYOR SHALL ALSO VERIFY THE BENCHMARKS AS SHOWN ON THE PLAN, AND VERIFY THEM AGAINST NO LESS THAN FIVE (5) EXISTING HARD IMPROVEMENT ELEVATIONS INCLUDED ON THESE PLANS OR ON ELECTRONIC DATA PROVIDED, IF ANY DISCREPANCIES ARE ENCOUNTERED, THE SURVEYOR SHALL IMMEDIATELY NOTIFY REEVE & ASSOCIATES, INC. AND RESOLVE THE DISCREPANCIES BEFORE PROCEEDING WITH ANY CONSTRUCTION STAKING.

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:

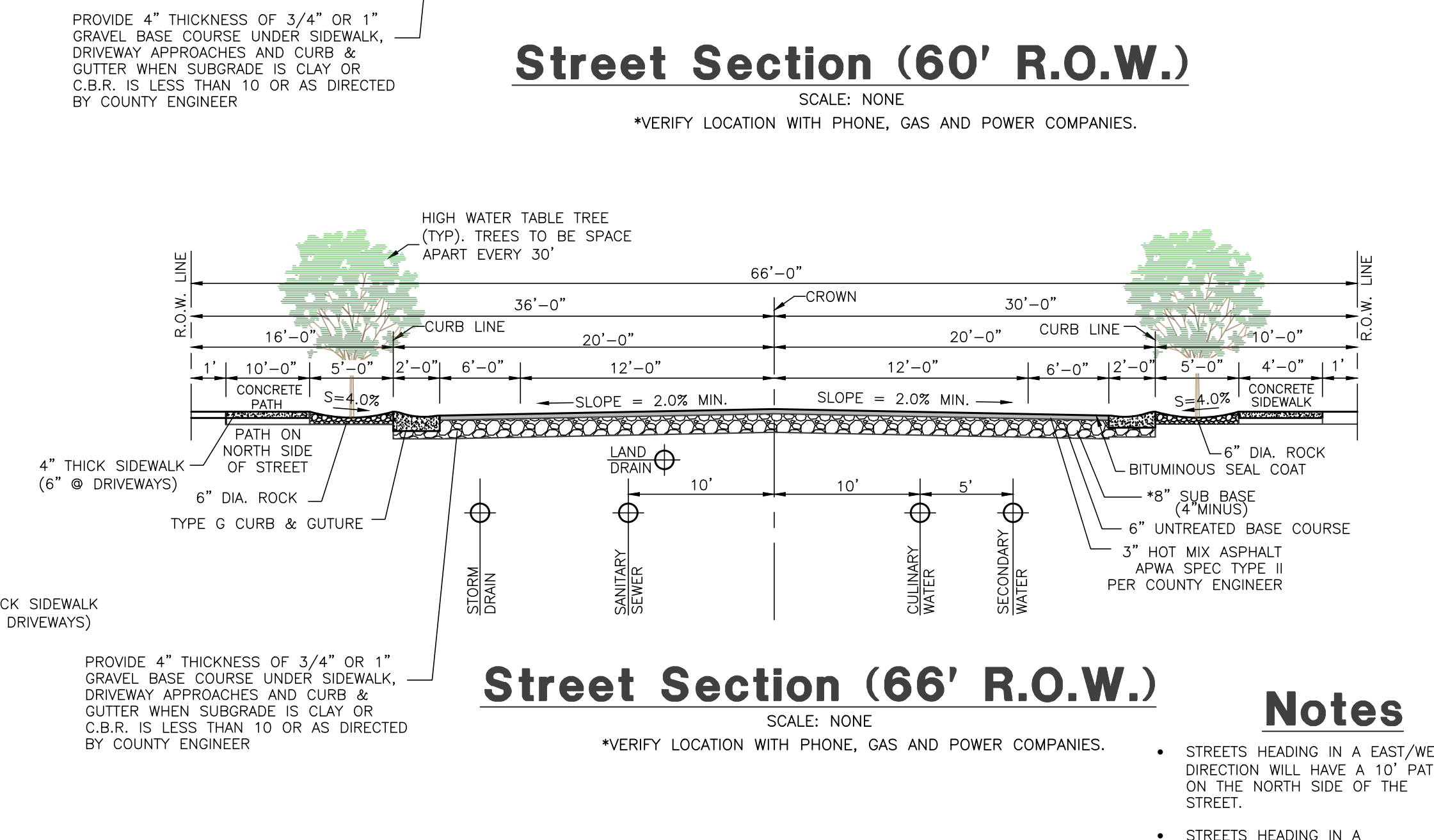
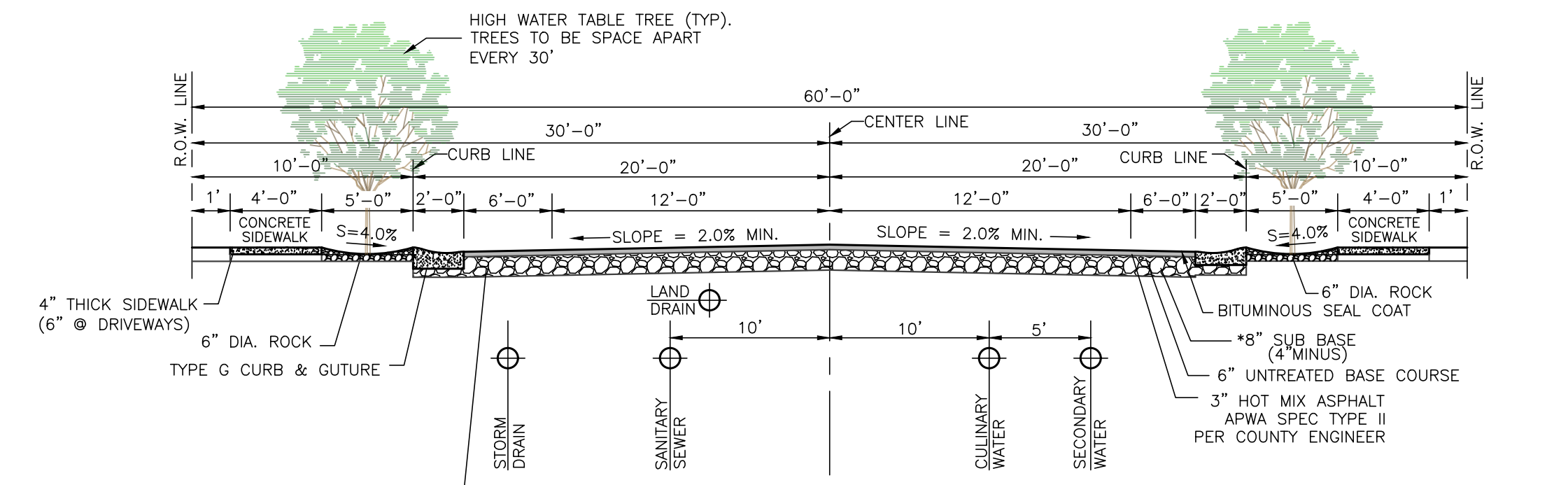
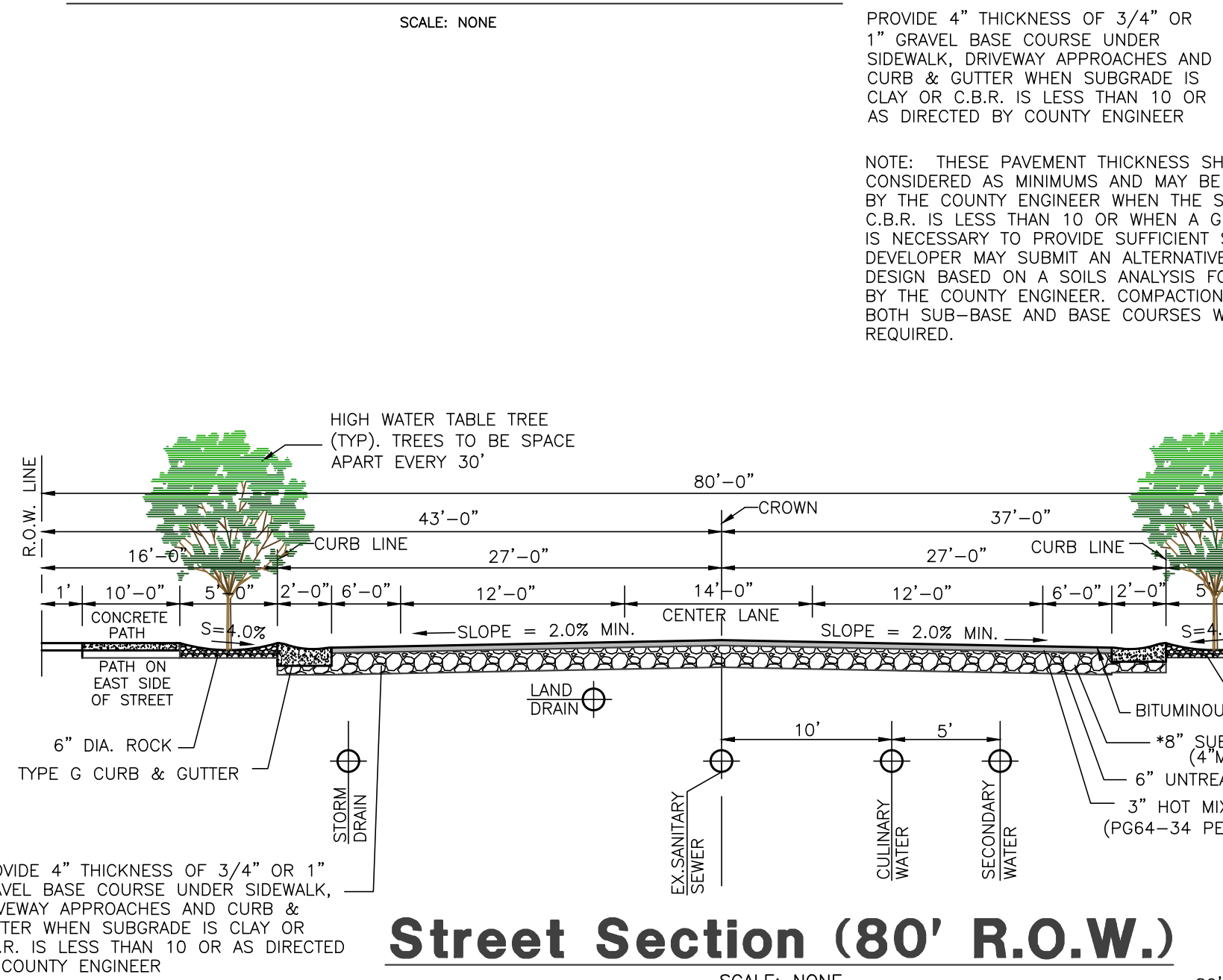
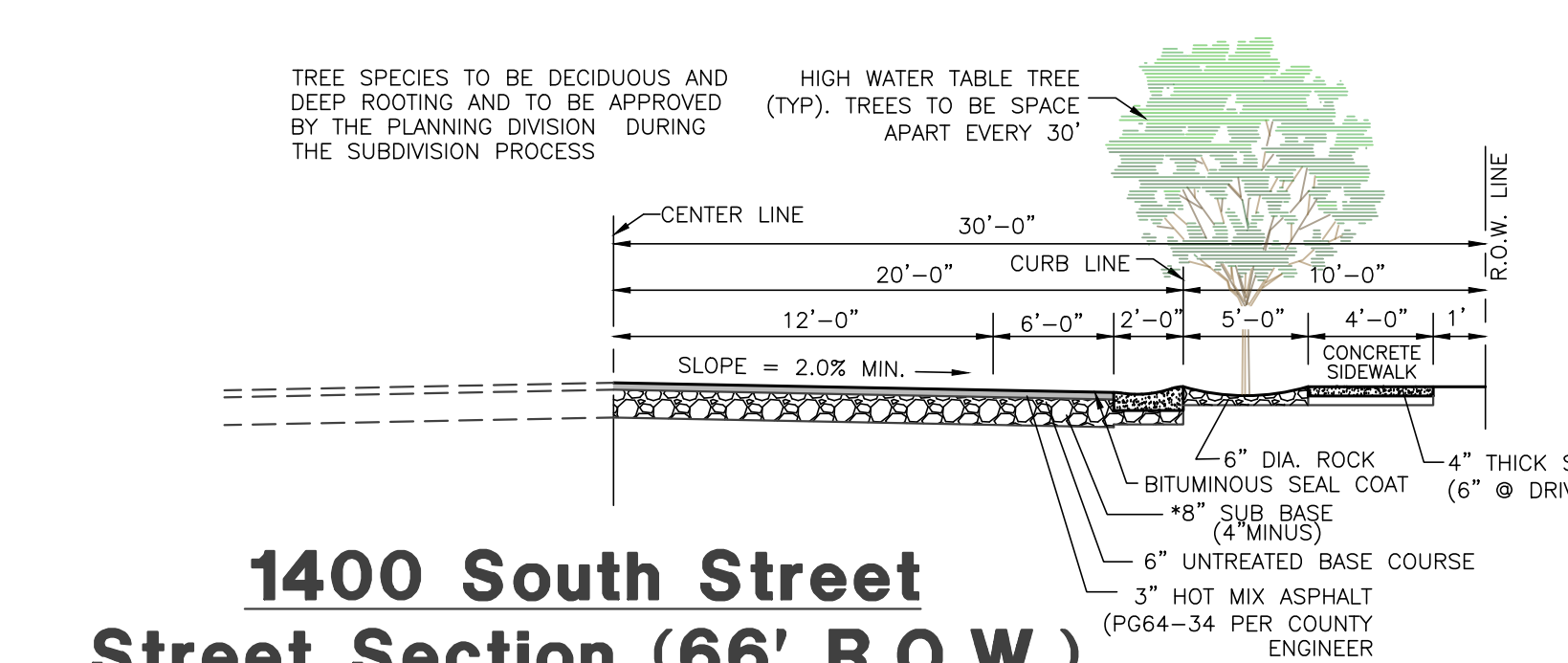
- A) SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED B) TRACKING STRAW PERPENDICULAR TO SLOPES C) INSTALLING A LIGHT-WEIGHT, TEMPORARY EROSION CONTROL BANQUET

Legend

Legend table with symbols and descriptions for various utility lines, meters, manholes, and pavement types. Includes symbols for SW, LD, W, SS, W/B, EX-W, SW/B, EX-SW, SS/B, EX-SS, SD/15, EX-SD, LD/B, EX-LD, IRR, EX-IRR, OHP, fire hydrants, manholes, sewer cleanouts, gate valves, plug & block, air vac assemblies, dual and single secondary meters, water meters, storm drains, street lights, signs, power poles, and various elevations and grades.

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.
- 2. EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING A COMBINATION OF ON-SITE SURVEYS (BY OTHERS), PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD, THEIR MAIN AND SERVICE LINES 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK.



APWA Type 'G' Curb

SCALE: NONE

Street Section (80' R.O.W.)

SCALE: NONE \*VERIFY LOCATION WITH PHONE, GAS AND POWER COMPANIES.

Street Section (66' R.O.W.)

SCALE: NONE \*VERIFY LOCATION WITH PHONE, GAS AND POWER COMPANIES.

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

SCALE: NONE \*VERIFY LOCATION WITH PHONE, GAS AND POWER COMPANIES.

Notes

- STREETS HEADING IN AN EAST/WEST DIRECTION WILL HAVE A 10' PATH ON THE NORTH SIDE OF THE STREET.
- STREETS HEADING IN A NORTH/SOUTH DIRECTION WILL HAVE A 10' PATH ON THE EAST SIDE OF THE STREET.

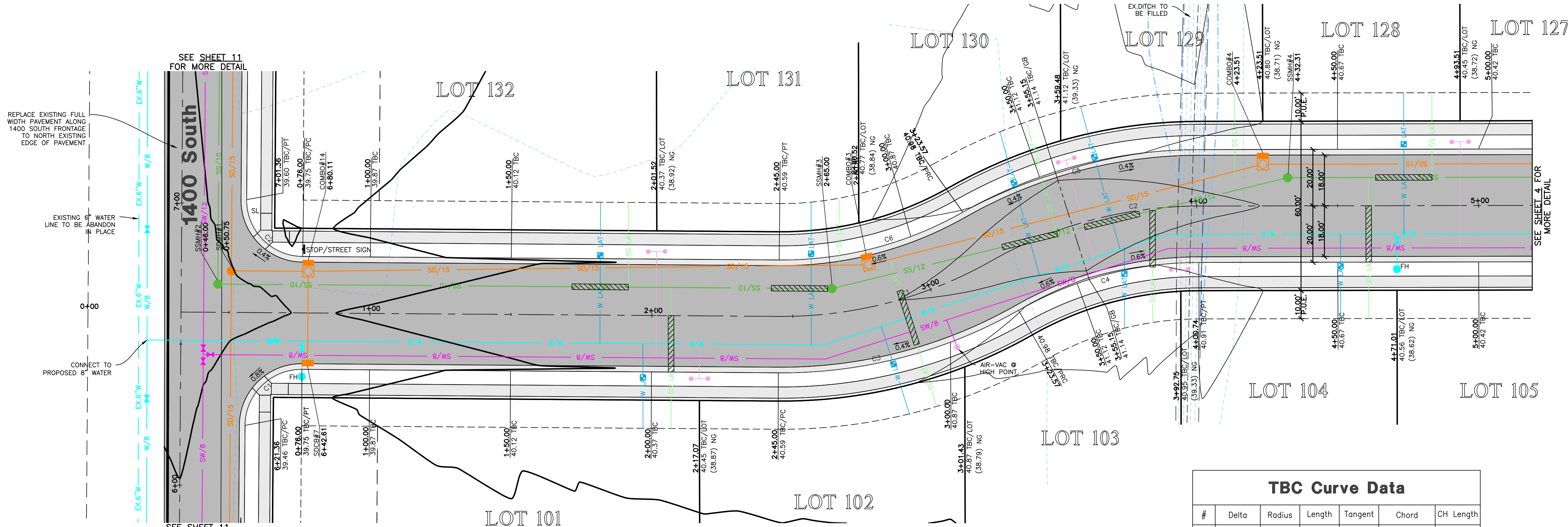
Reeve & Associates, Inc. logo and contact information. Includes address: 5160 SOUTH 1500 WEST, RIVERDALE, UTAH 84405. Phone: (801) 671-1100. Website: www.reeveco.com. Also includes a table of revisions.

Anselmi Acres Subdivision Notes/Legend/Street Cross-Section. Includes project name, location (Weber County, Utah), and a reference to the street cross-section.

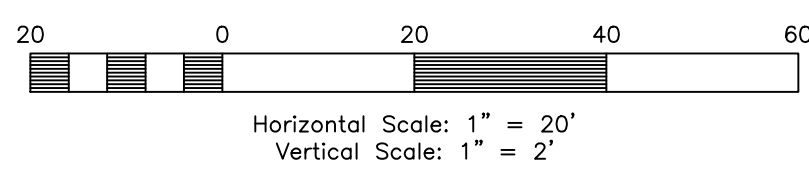
Professional Engineer seal for J. Nate Reeve, License No. 3759326, State of Utah. Includes project info: Project Name: ANSELMI ACRES SUBDIVISION, Engineer: J. NATE REEVE, P.E., Drafter: N. FICKLIN, Begin Date: MAY, 2023, Name: ANSELMI ACRES SUBDIVISION, Number: 7152-19.

Project Info summary and page number. Project Name: ANSELMI ACRES SUBDIVISION, Number: 7152-19, Page: 18 of 18 Total Sheets.





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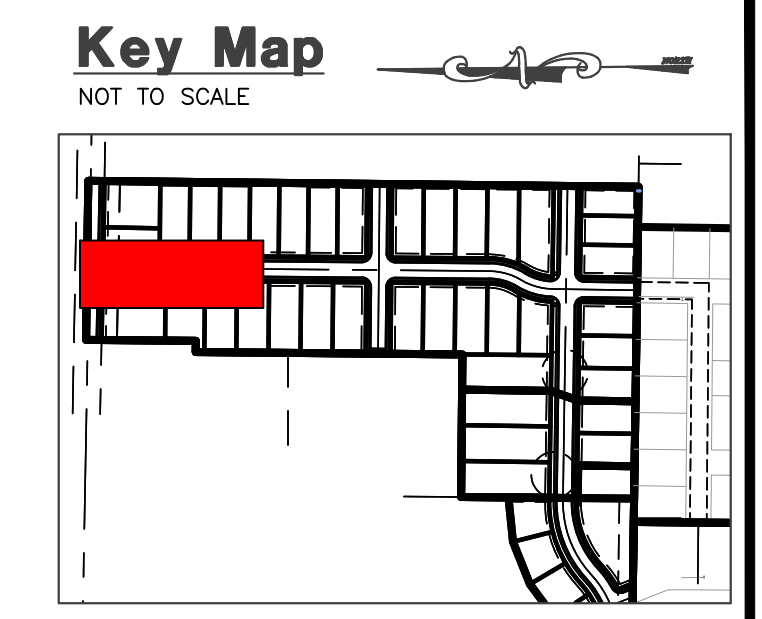
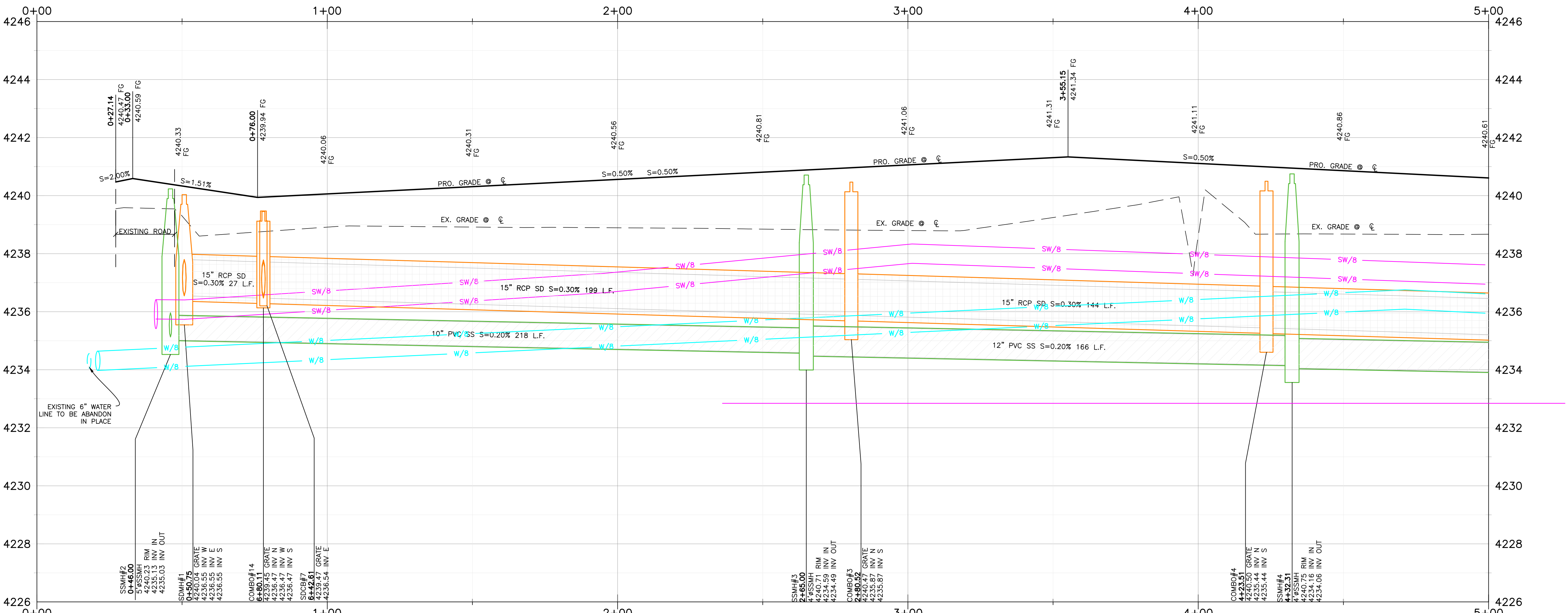


**Centerline Curve Data**

#	Delta	Radius	Length	Tangent	Chord	CH Length
C1	30°00'28"	150.00'	78.56'	40.20'	S13°57'40"E	77.67'
C2	29°28'41"	150.00'	77.17'	39.46'	S14°13'34"E	76.33'

**TBC Curve Data**

#	Delta	Radius	Length	Tangent	Chord	CH Length
C1	90°00'00"	20.00'	31.42'	20.00'	N43°57'26"W	28.28'
C2	90°00'00"	20.00'	31.42'	20.00'	S46°02'34"W	28.28'
C3	30°00'28"	170.00'	89.04'	45.56'	S13°57'40"E	88.02'
C4	29°28'41"	130.00'	66.88'	34.20'	N14°13'34"W	66.15'
C5	29°28'41"	170.00'	87.46'	44.72'	N14°13'34"W	86.50'
C6	30°00'28"	130.00'	68.09'	34.84'	S13°57'40"E	67.31'



- Construction Notes:**
- CULINARY WATER**  
NOTE: 4" MIN. COVER REQUIRED OVER CW LINES  
W/8 - 8" PVC C900 DR-18 WATER LINE  
W/5 - 1" SDR-9 POLY SERVICE LATERAL
- SANITARY SEWER**  
SS/4 - 4" PVC SDR-35 SERVICE LATERAL  
SS/8 - 8" PVC SDR-35 SEWER LINE
- STORM DRAIN**  
SD/12 - 12" RCP CLASS III STORM DRAIN  
SD/15 - 15" RCP CLASS III STORM DRAIN  
SD/18 - 18" RCP CLASS III STORM DRAIN
- ALL STORM DRAIN STRUCTURES TO HAVE MINIMUM 6" SUMP UNLESS OTHERWISE LISTED.
- SECONDARY WATER**  
SW/8 - 8" PVC C-900 DR-14 SECONDARY WATER LINE  
SW/12 - 12" PVC C-900 DR-14 SECONDARY WATER LINE  
SW - SECONDARY SERVICE LATERAL PER COUNTY STANDARDS
- IRRIGATION WATER**  
IRR/18 - 18" RCP CLASS III IRRIGATION PIPE

- NOTE:**
- ALL CONSTRUCTION IS TO CONFORM TO THE COUNTY STANDARD DRAWINGS AND SPECIFICATIONS.
  - CONSTRUCT HANDICAP RAMP PER ADA AND COUNTY REQUIREMENTS.
  - PROVIDE 18" VERTICAL CLEARANCE FOR WATER OVER/UNDER SEWER.
  - WHEN STANDARD 18" VERTICAL CLEARANCE CAN NOT BE MAINTAINED FOR WATER LATERALS CROSSING SEWER MAINS, SEWER MAIN MUST BE SLEEVED 20" CENTERED AT CROSSING.
  - WHEN STANDARD 18" VERTICAL CLEARANCE CAN NOT BE MAINTAINED FOR SEWER LATERALS CROSSING WATER MAINS, SEWER LATERAL MUST BE SLEEVED 20" ON CENTER AT CROSSING.
  - DEPTH OF WATER TO BE 4" MIN. BELOW FINISHED GRADE.
  - ALL EXISTING DITCHES THAT ARE BEING FILLED IN, MUST HAVE STRUCTURAL FILL IN ALL RIGHT-OF-WAY AND BUILDING FOOTPRINTS. PVC SLEEVES TO BE INSTALLED UNDER PATHWAY FOR SPRINKLER USE.
  - CONTRACTOR TO INSTALL ALL SLEEVES AS REQUIRED FOR THE RESIDENTIAL DEVELOPMENT.
- MINIMUM SLEEVE SIZE REQUIREMENT:**
- |                         |                                |
|-------------------------|--------------------------------|
| CASING 4" SEWER LATERAL | = 8"x20" CENTERED AT CROSSING  |
| CASING 8" SEWER MAIN    | = 12"x20" CENTERED AT CROSSING |
| CASING 12" SEWER MAIN   | = 16"x20" CENTERED AT CROSSING |
| CASING 8" WATER MAIN    | = 12"x20" CENTERED AT CROSSING |

**Reeve & Associates, Inc.**  
LAND PLANNERS • CIVIL ENGINEERS • LAND SURVEYORS  
TRAFFIC ENGINEERS • STRUCTURAL ENGINEERS • LANDSCAPE ARCHITECTS

**REVISIONS**

DATE	DESCRIPTION
08.01.2023	NE County Comments
08.07.2023	NE Irr. & Wtr. Comm.
12.13.2023	NE Utility Outfall
02.27.2024	NE JUB Comments
03.14.2024	NE City Comments

**Anselmi Acres Subdivision**  
WEBER COUNTY, UTAH

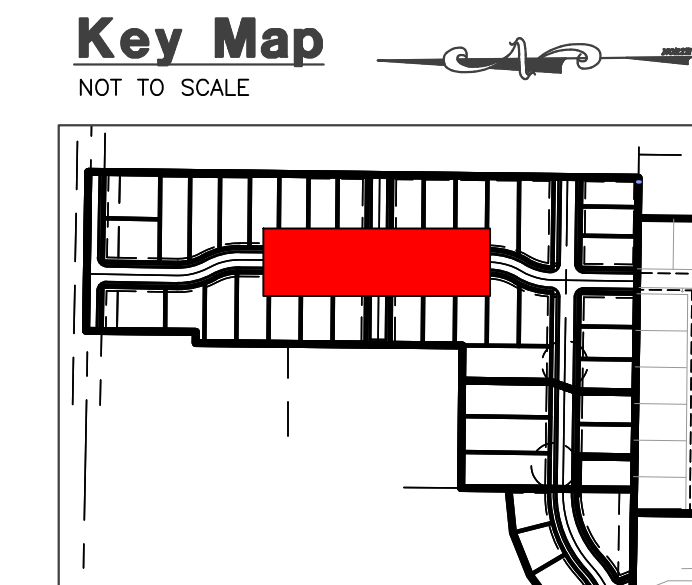
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**Project Info.**  
Engineer: J. NATE REEVE, P.E.  
Drafter: N. FICKLIN  
Begin Date: MAY, 2023  
Name: ANSELMI ACRES SUBDIVISION  
Number: 7152-19







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 TEL: (801) 621-3100 www.reeve.co



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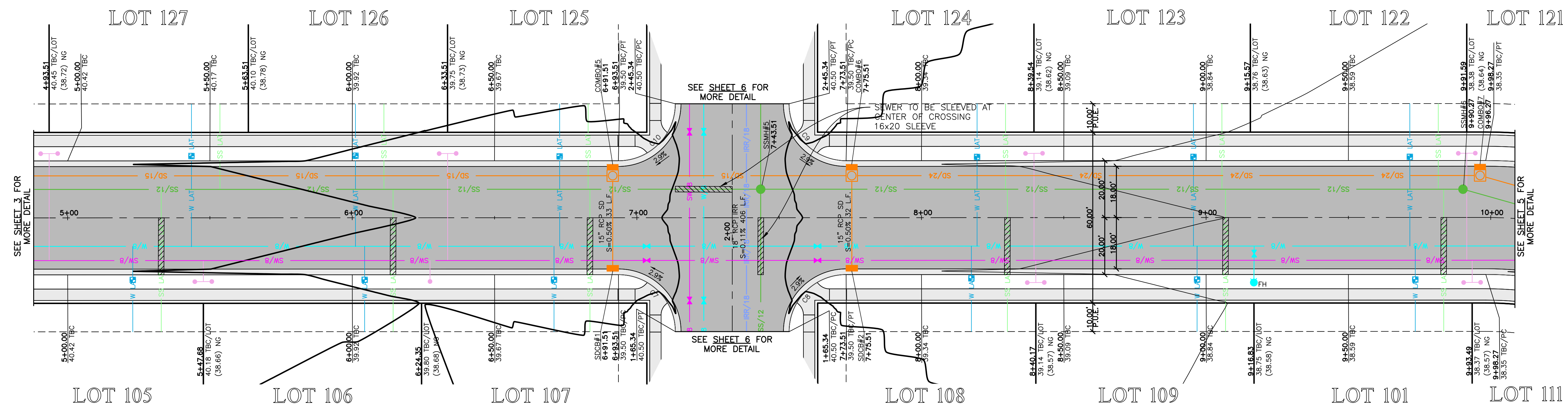
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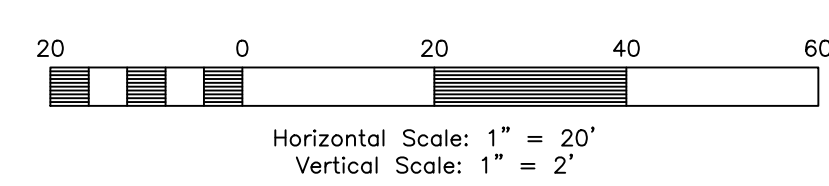
**SECONDARY WATER**  
 SW/8 - 8" PVC C-900 DR-14 SECONDARY WATER LINE  
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 SW - SECONDARY SERVICE LATERAL PER COUNTY STANDARDS

**IRRIGATION WATER**  
 IRR/18 - 18" RCP CLASS III IRRIGATION PIPE

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 CASING 8" WATER MAIN = 12"x20" CENTERED AT CROSSING

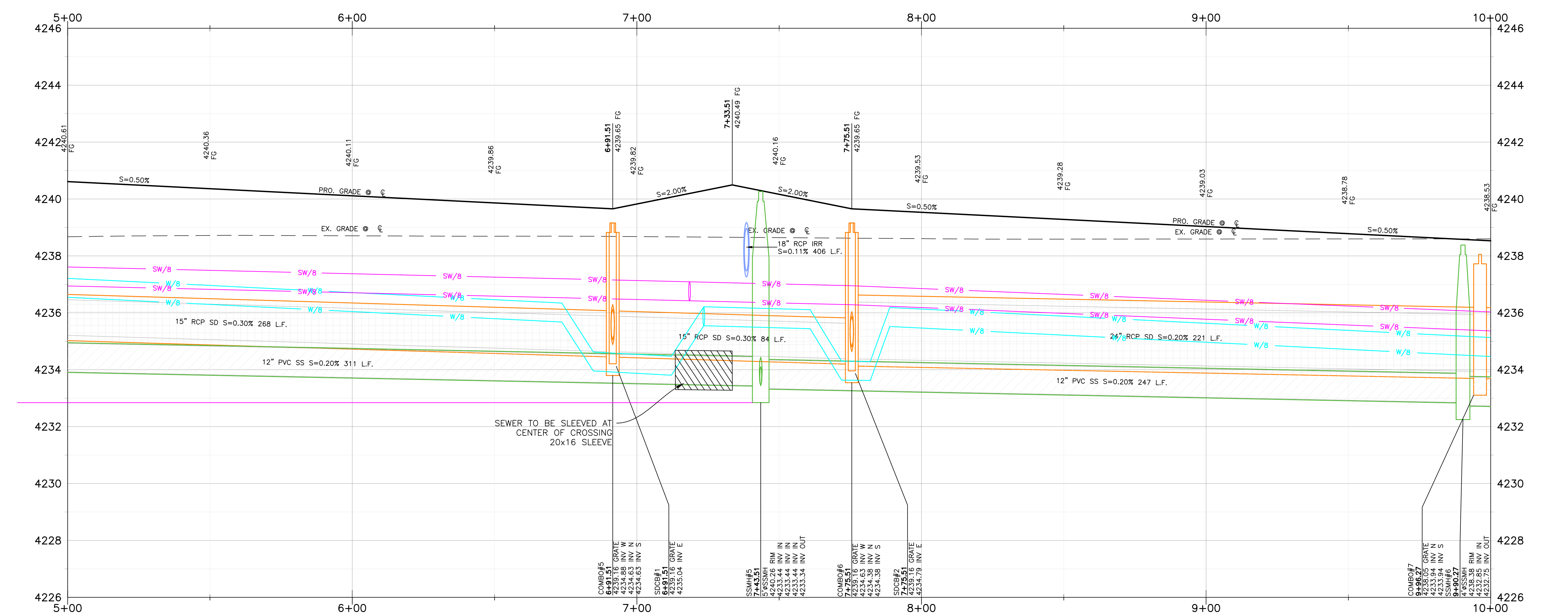


**4125 West 5+00.00 - 10+00.00**



**TBC Curve Data**

#	Delta	Radius	Length	Tangent	Chord	CH Length
C7	90°00'00"	20.00'	31.42'	20.00'	N45°30'47"E	28.28'
C8	90°00'00"	20.00'	31.42'	20.00'	N44°29'13"W	28.28'
C9	90°00'00"	20.00'	31.42'	20.00'	S45°30'47"W	28.28'
C10	90°00'00"	20.00'	31.42'	20.00'	S44°29'13"E	28.28'



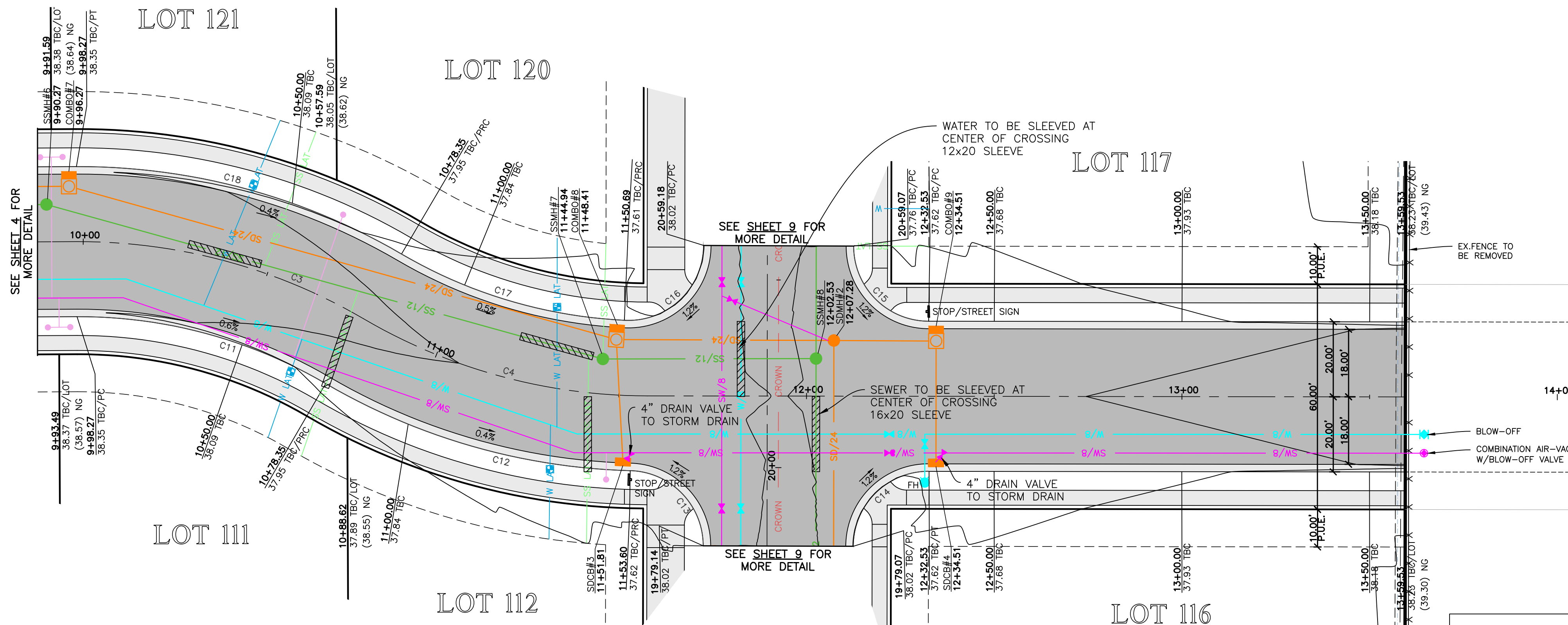
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 WEBER COUNTY, UTAH  
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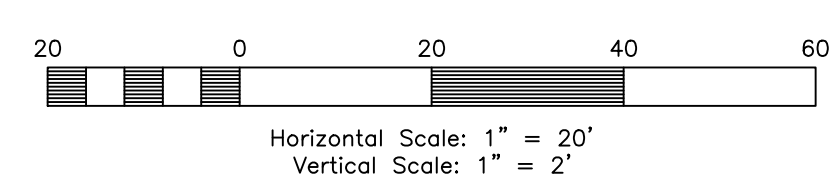
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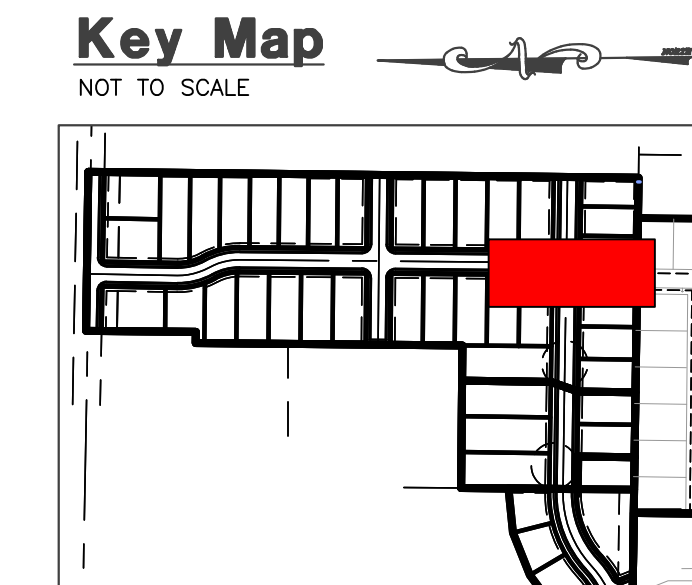
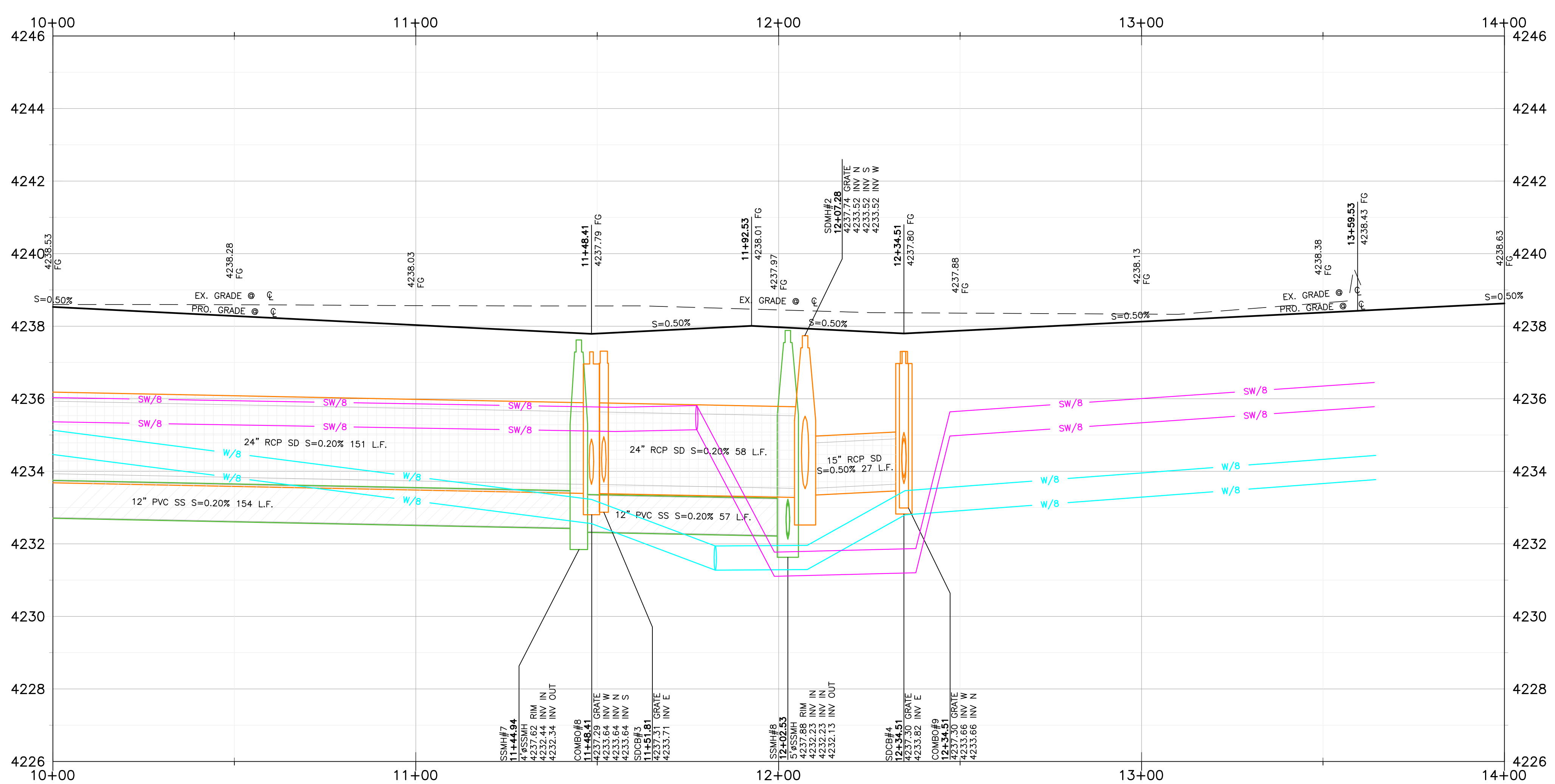


**4125 West 10+00.00 -14+00.00**



#	Delta	Radius	Length	Tangent	Chord	CH Length
C3	30°35'20"	150.00'	80.08'	41.02'	S15°48'27"W	79.13'
C4	30°16'08"	150.00'	79.24'	40.57'	S15°58'03"W	78.33'

#	Delta	Radius	Length	Tangent	Chord	CH Length
C11	30°35'20"	130.00'	69.40'	35.55'	N15°48'27"E	68.58'
C12	28°44'31"	170.00'	85.28'	43.56'	S16°43'52"W	84.39'
C13	88°28'20"	20.00'	30.88'	19.47'	N46°35'46"E	27.90'
C14	90°00'03"	20.00'	31.42'	20.00'	N44°10'03"W	28.28'
C15	89°59'57"	20.00'	31.42'	20.00'	S45°49'57"W	28.28'
C16	92°38'23"	20.00'	32.34'	20.94'	S42°50'53"E	28.93'
C17	27°37'49"	130.00'	62.69'	31.97'	S17°17'13"W	62.09'
C18	30°35'20"	170.00'	90.76'	46.49'	N15°48'27"E	89.69'



**Construction Notes:**

- CULINARY WATER**  
 NOTE: 4' MIN. COVER REQUIRED OVER CW LINES  
 W/8 - 8" PVC C900 DR-18 WATER LINE  
 W - 1" SDR-9 POLY SERVICE LATERAL
- SANITARY SEWER**  
 SS/4 - 4" PVC SDR-35 SERVICE LATERAL  
 SS/8 - 8" PVC SDR-35 SEWER LINE
- STORM DRAIN**  
 SD/12 - 12" RCP CLASS III STORM DRAIN  
 SD/15 - 15" RCP CLASS III STORM DRAIN  
 SD/18 - 18" RCP CLASS III STORM DRAIN
- ALL STORM DRAIN STRUCTURES TO HAVE MINIMUM 6" SUMP UNLESS OTHERWISE LISTED.
- SECONDARY WATER**  
 SW/8 - 8" PVC C-900 DR-14 SECONDARY WATER LINE  
 SW/12 - 12" PVC C-900 DR-14 SECONDARY WATER LINE  
 SW - SECONDARY SERVICE LATERAL PER COUNTY STANDARDS
- IRRIGATION WATER**  
 IRR/18 - 18" RCP CLASS III IRRIGATION PIPE

- NOTE:**
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  - CONSTRUCT HANDICAP RAMP PER ADA AND COUNTY REQUIREMENTS.
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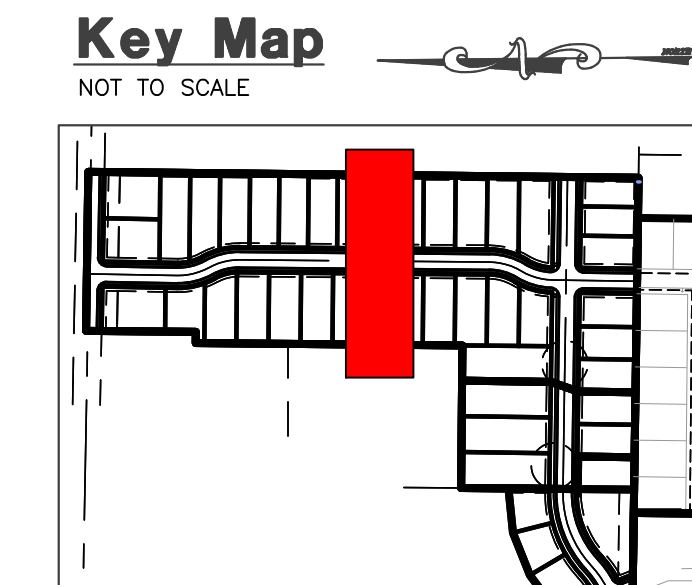
**Anselmi Acres Subdivision**  
 WEBER COUNTY, UTAH  
**4125 West 10+00.00 -14+00.00**



**Project Info.**  
 Engineer: J. NATE REEVE, P.E.  
 Drafter: N. FICKLIN  
 Begin Date: MAY, 2023  
 Name: ANSELMI ACRES SUBDIVISION  
 Number: 7152-19







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**REVISIONS**

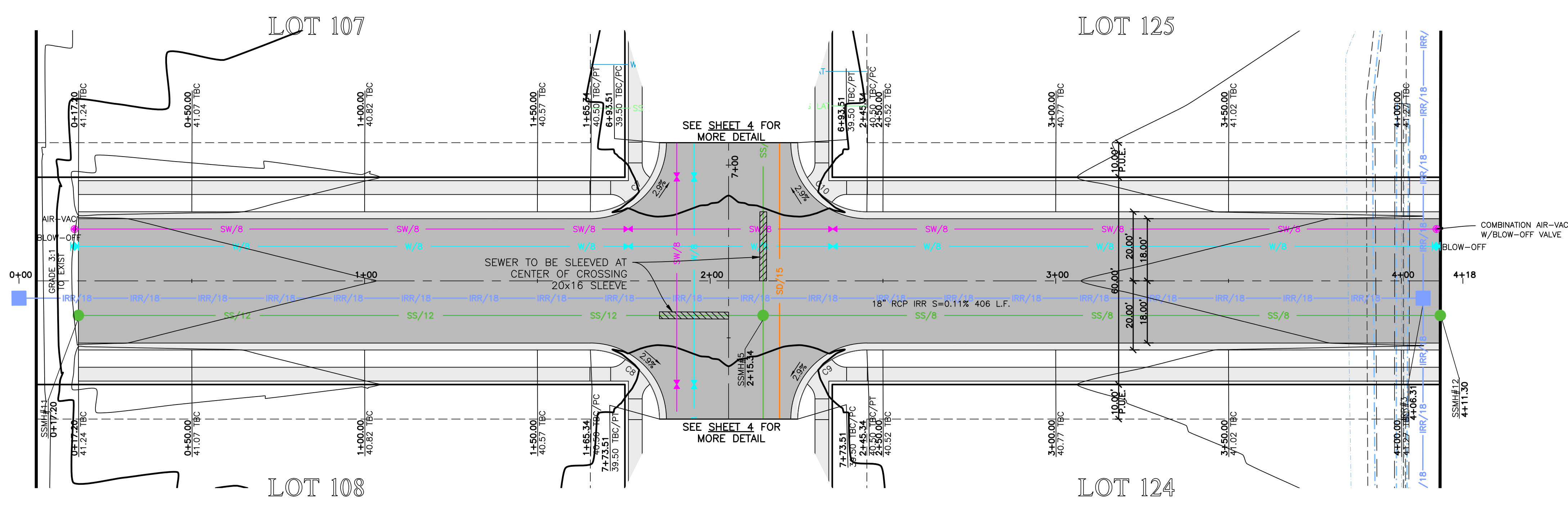
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**Anselmi Acres Subdivision**  
 WEBER COUNTY, UTAH

**1500 South 0+00.00 - 4+16.00**



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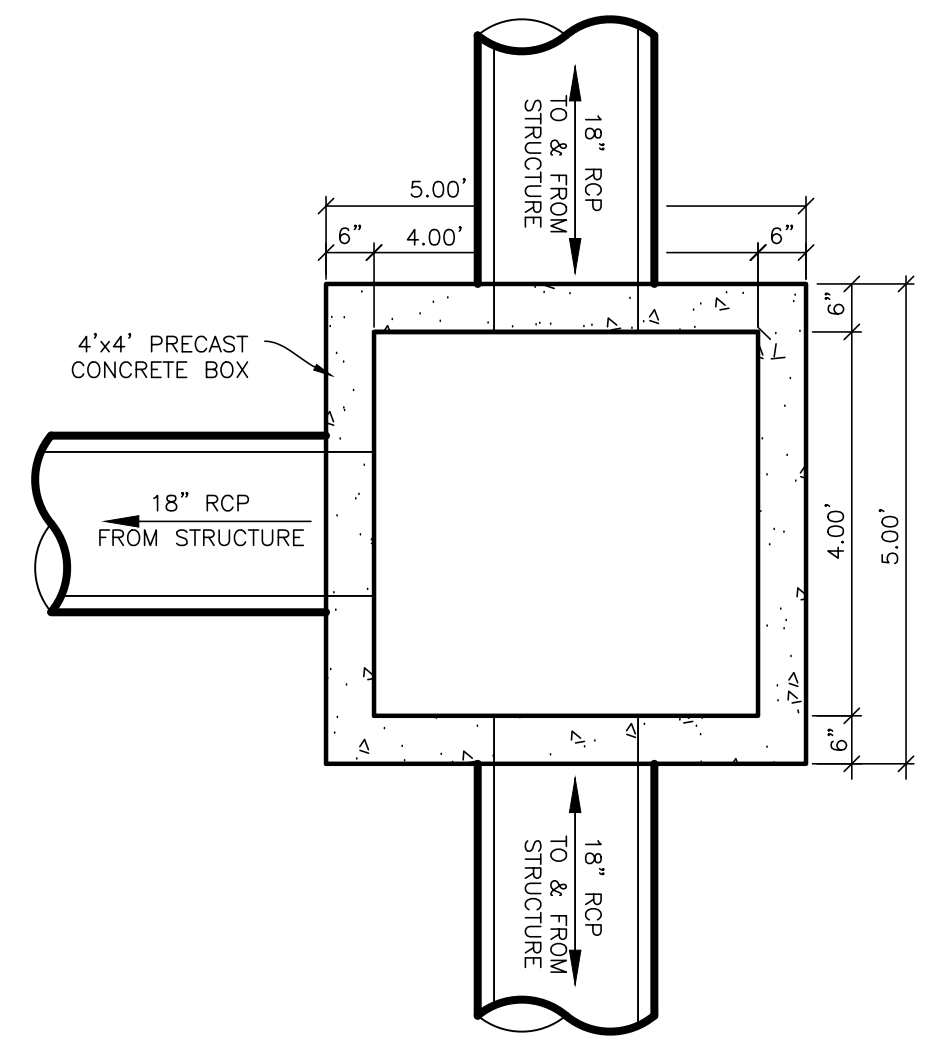
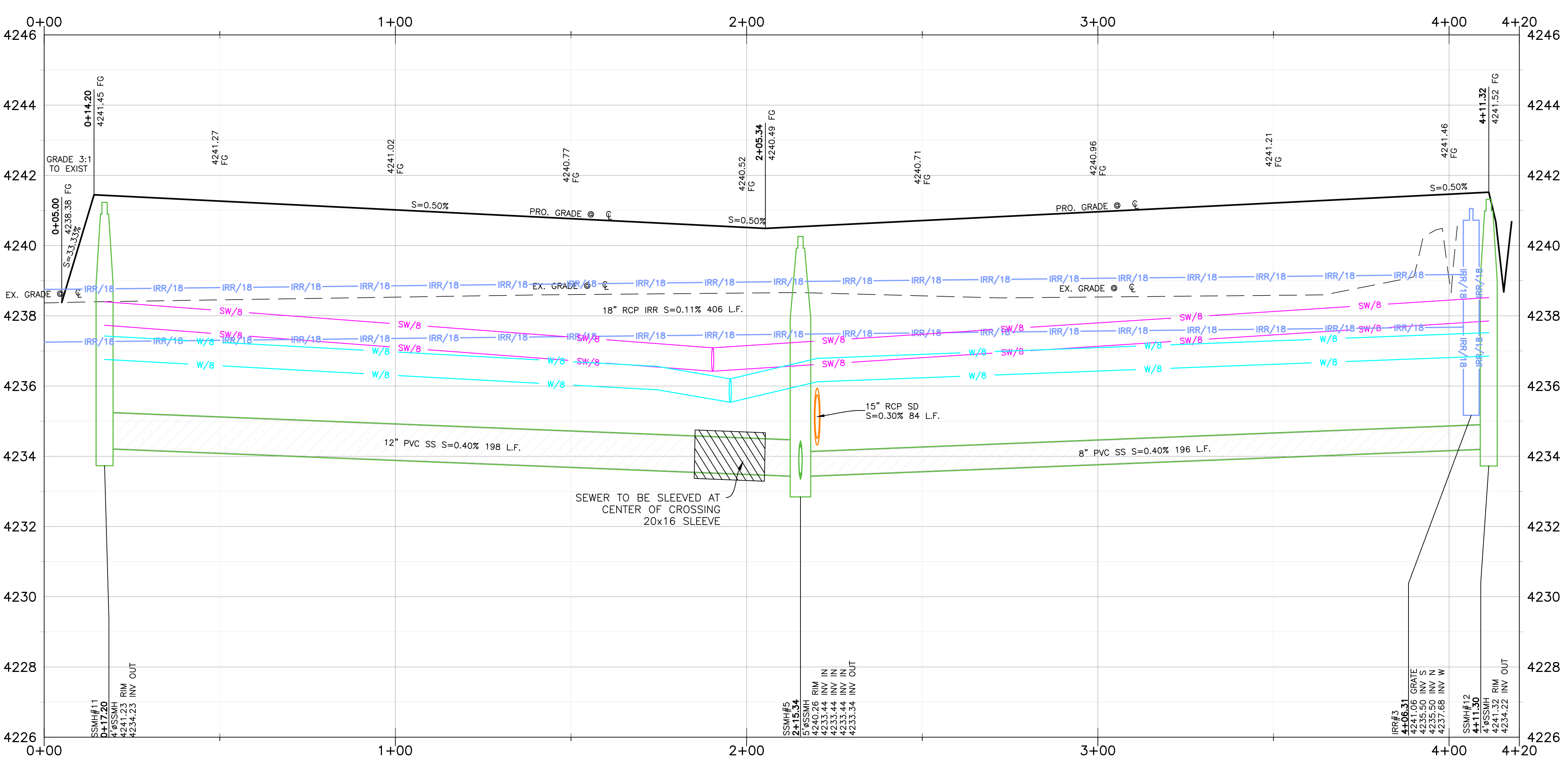
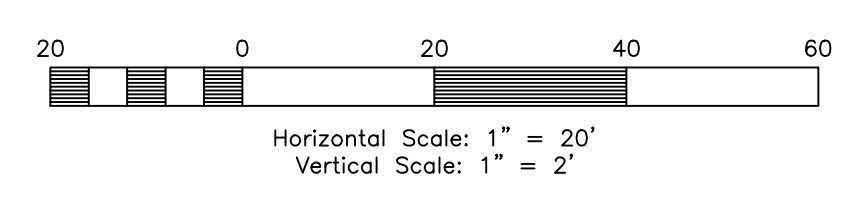
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**TBC Curve Data**

#	Delta	Radius	Length	Tangent	Chord	CH Length
C7	90°00'00"	20.00'	31.42'	20.00'	N45°30'47"E	28.28'
C8	90°00'00"	20.00'	31.42'	20.00'	N44°29'13"W	28.28'
C9	90°00'00"	20.00'	31.42'	20.00'	S45°30'47"W	28.28'
C10	90°00'00"	20.00'	31.42'	20.00'	S44°29'13"E	28.28'

**1500 South 0+00.00 - 4+16.00**



**Irrigation Box Detail**  
 SCALE: NONE





TBC Curve Data						
#	Delta	Radius	Length	Tangent	Chord	CH Length
C20	43°26'52"	270.00'	204.74'	107.58'	S69°06'30"W	199.87'
C21	43°26'52"	230.00'	174.41'	91.64'	N69°06'30"E	170.26'
C22	14°43'43"	270.00'	69.41'	34.90'	N83°28'04"E	69.22'
C23	82°24'01"	20.00'	28.76'	17.51'	N62°41'46"W	26.35'
C24	81°44'35"	20.00'	28.53'	17.31'	S19°22'32"W	26.17'
C25	12°51'46"	270.00'	60.61'	30.44'	N53°48'56"E	60.49'
C26	43°26'52"	230.00'	174.41'	91.64'	S69°06'30"W	170.26'

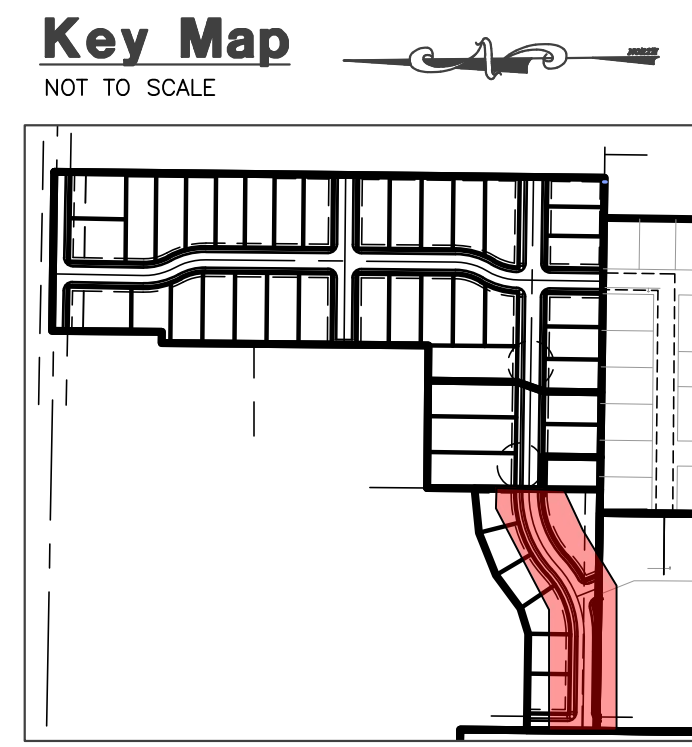
Centerline Curve Data						
#	Delta	Radius	Length	Tangent	Chord	CH Length
C5	43°26'52"	250.00'	189.58'	99.61'	N69°06'30"E	185.07'
C6	43°26'52"	250.00'	189.58'	99.61'	N69°06'30"E	185.07'

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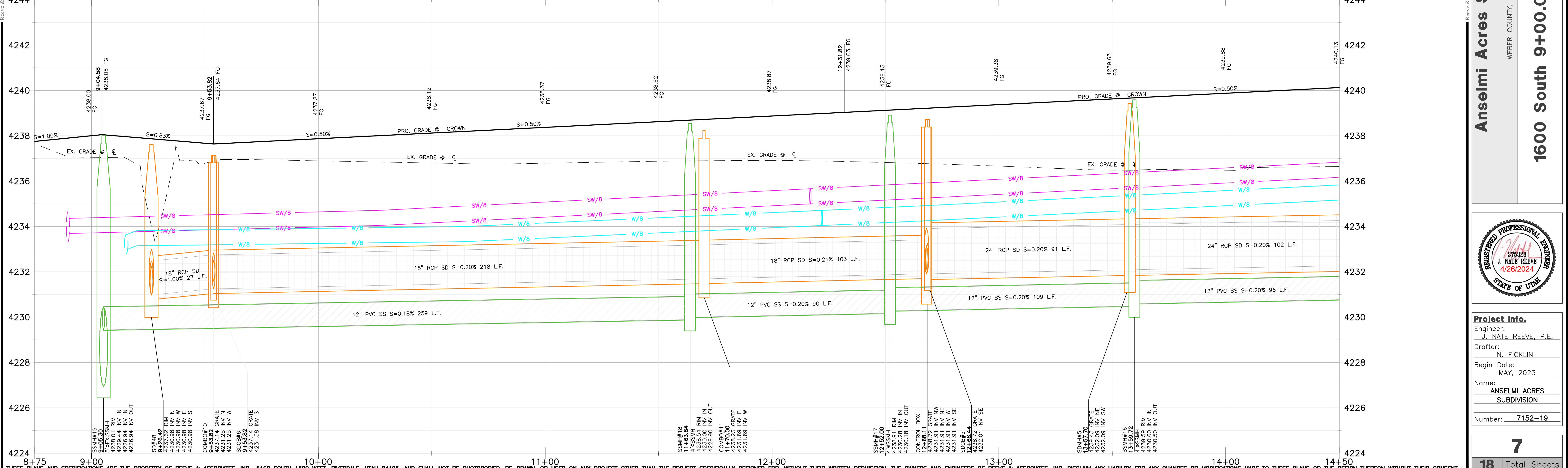
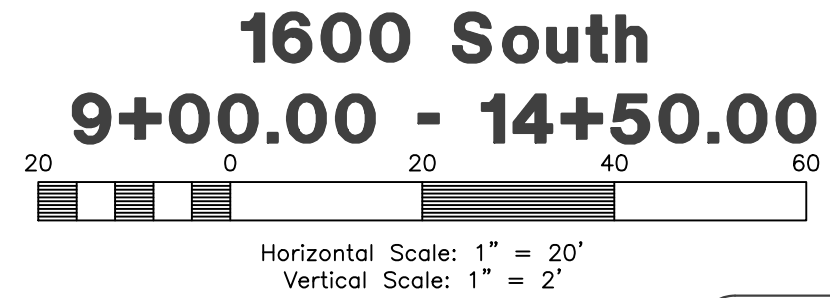
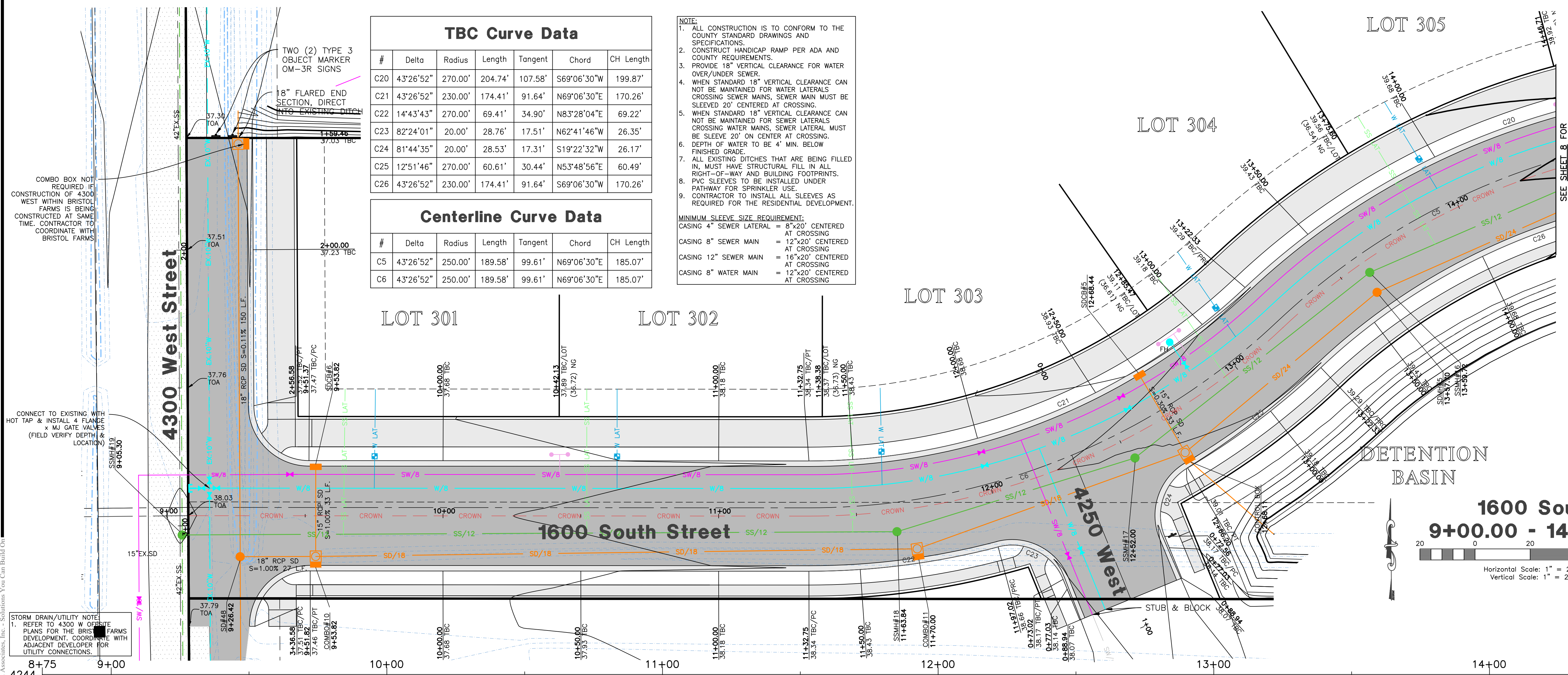


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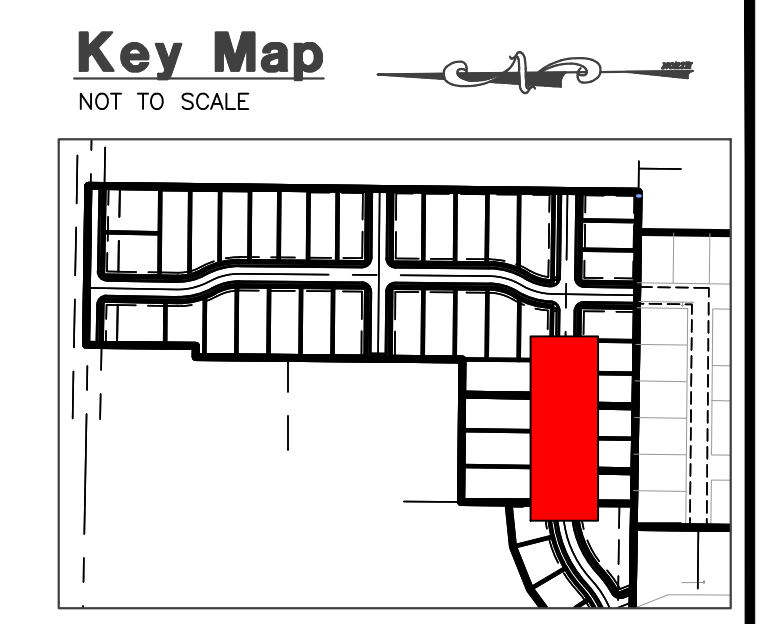
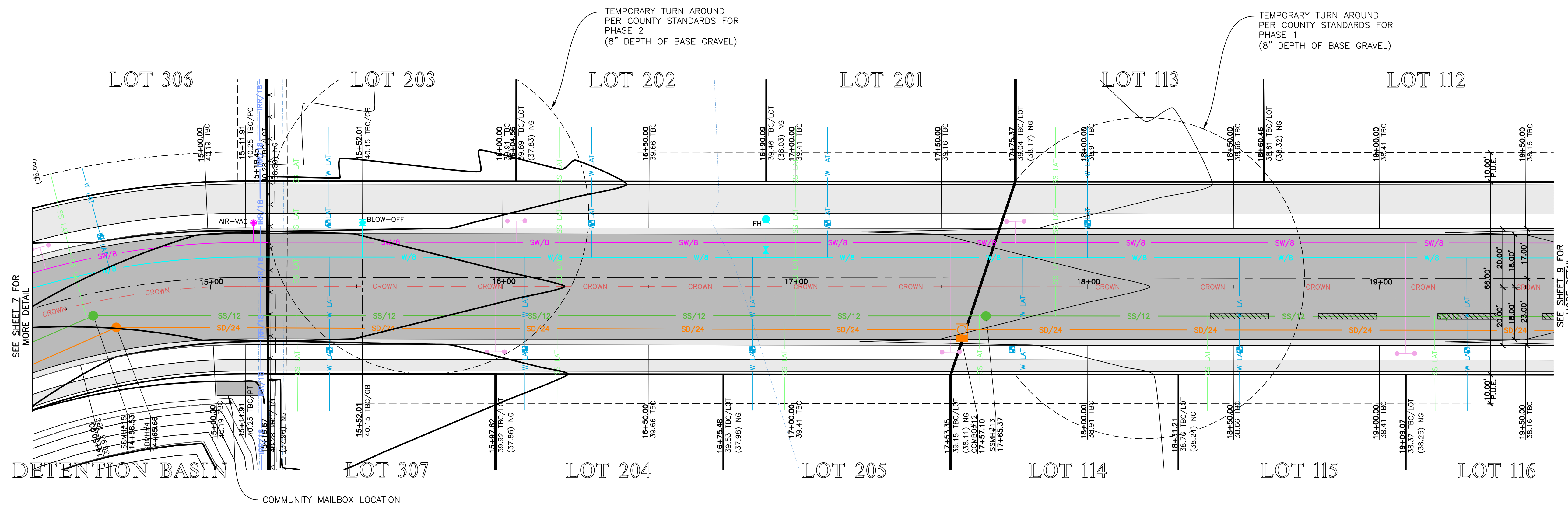
**Anselmi Acres Subdivision**  
 WEBER COUNTY, UTAH  
**1600 South 9+00.00 - 14+50.00**



**Project Info.**

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 Drafter: N. FICKLIN  
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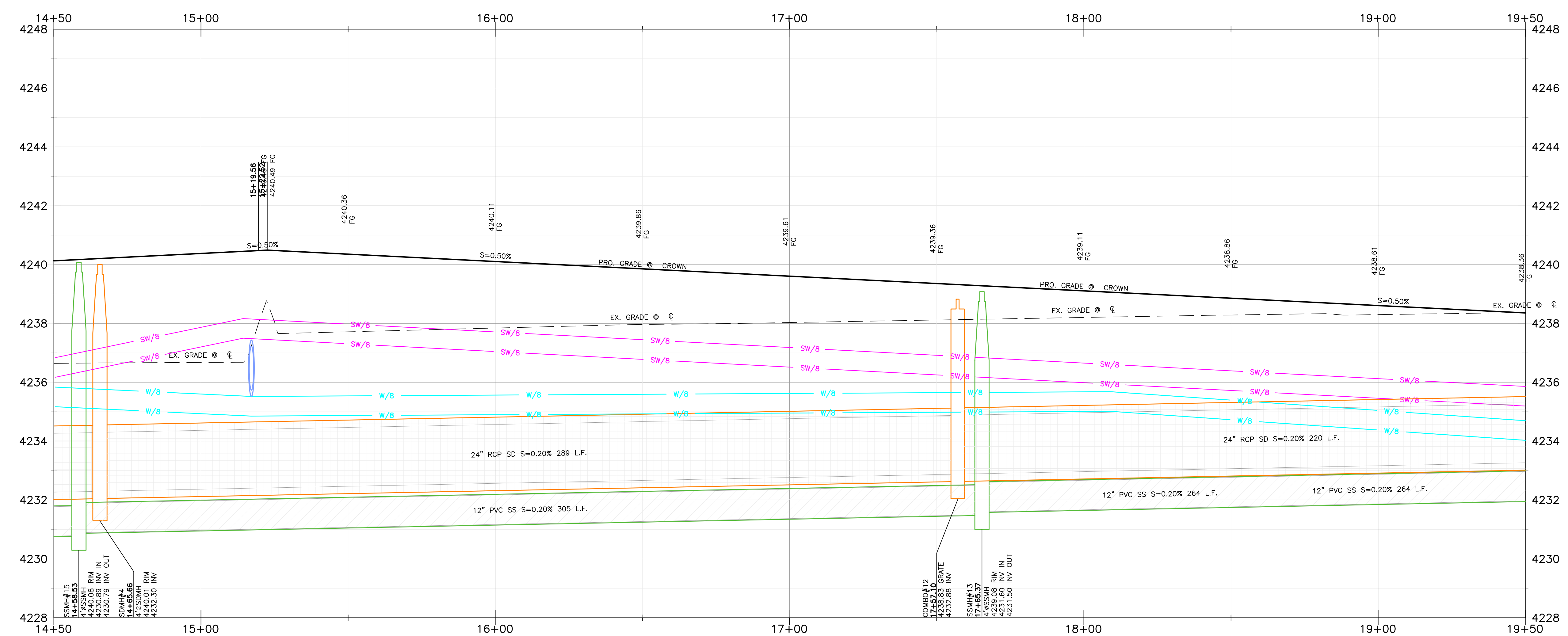
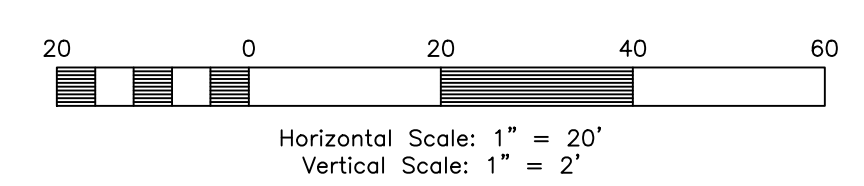




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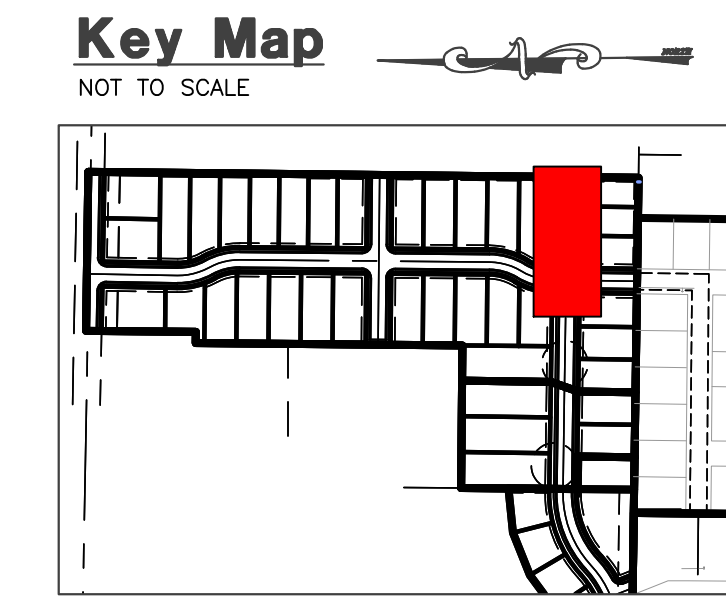
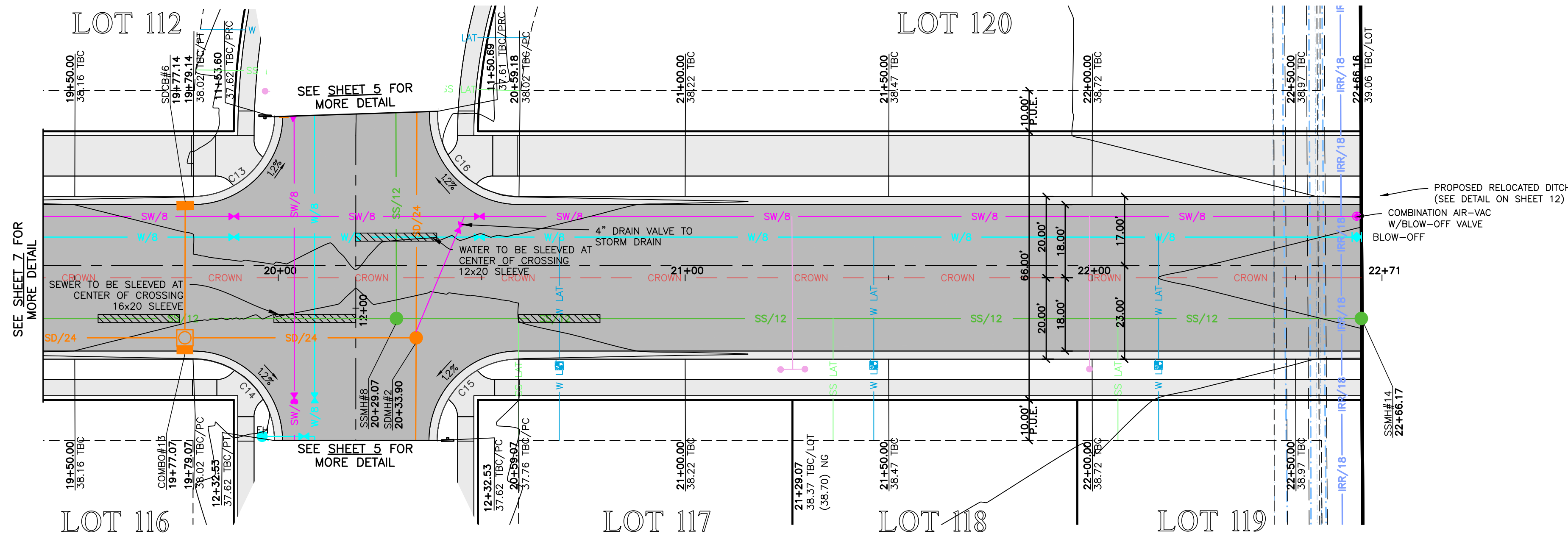


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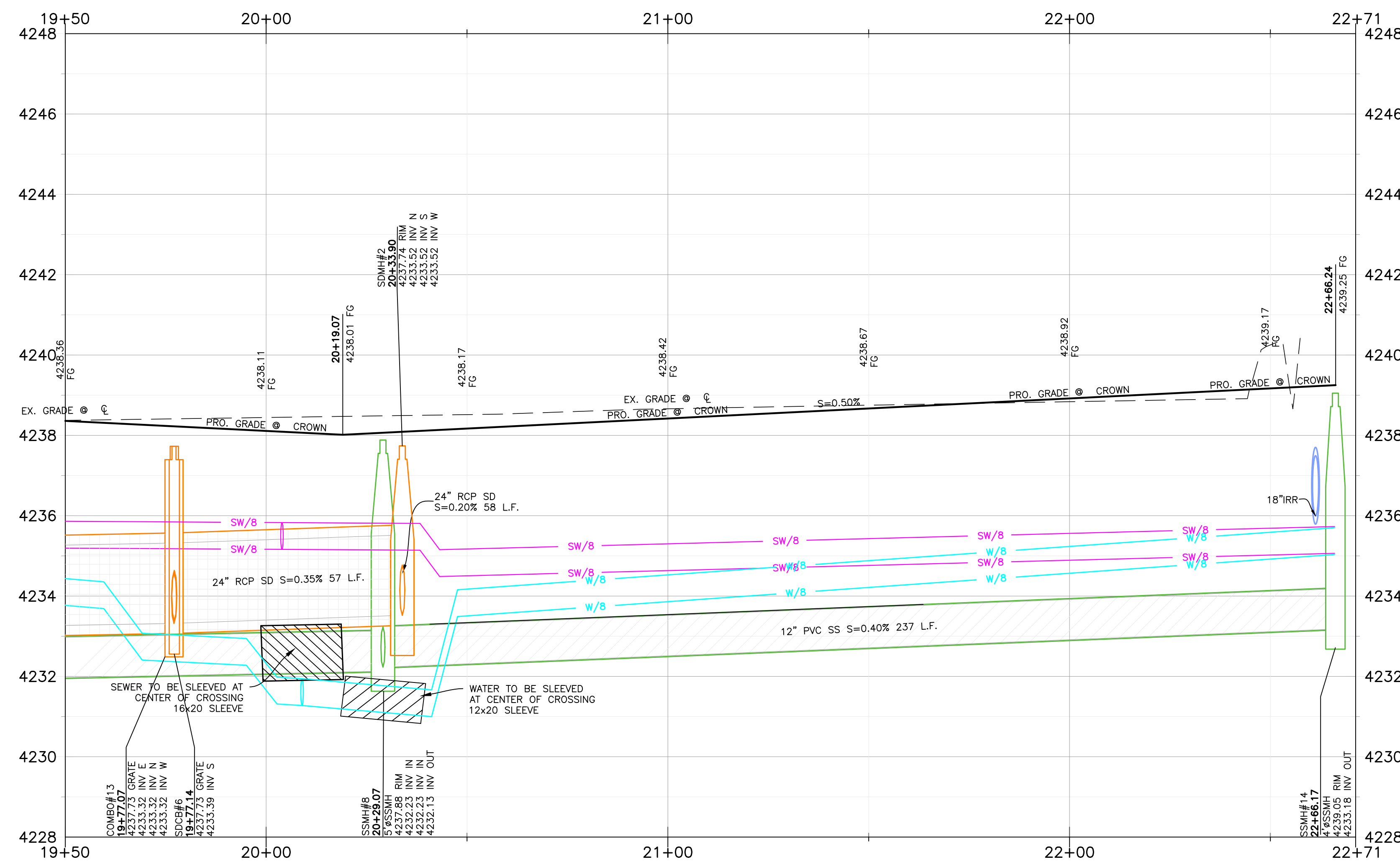
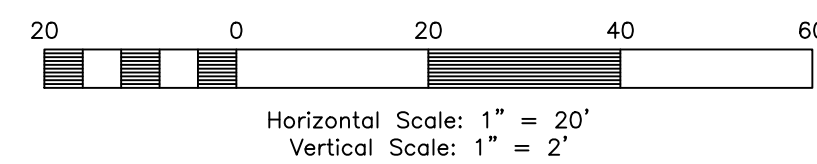
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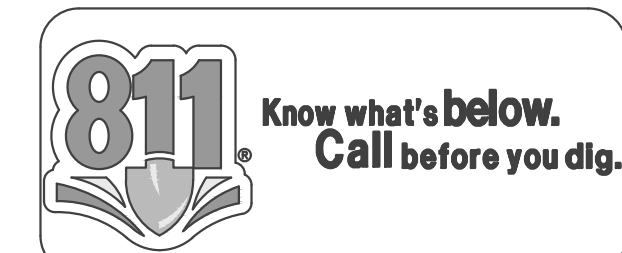
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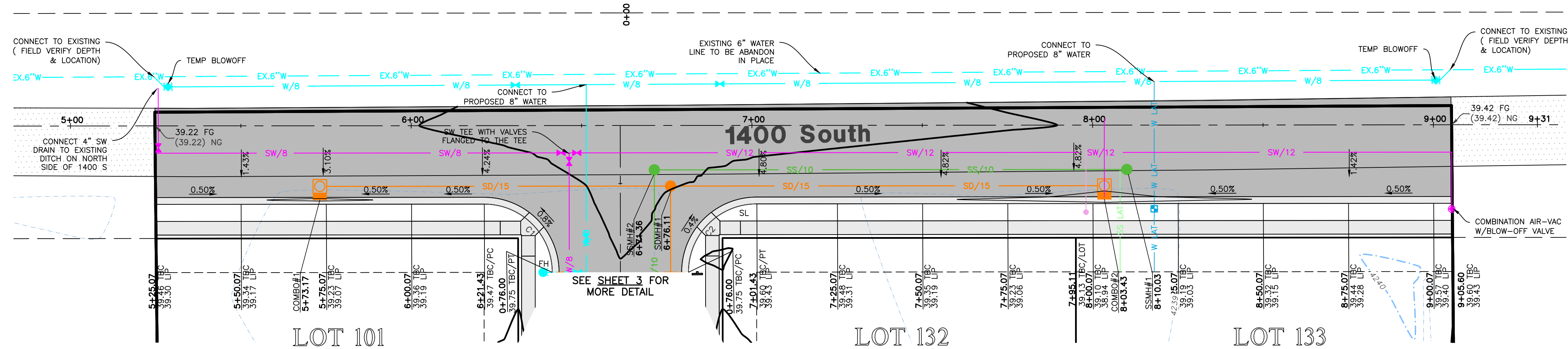


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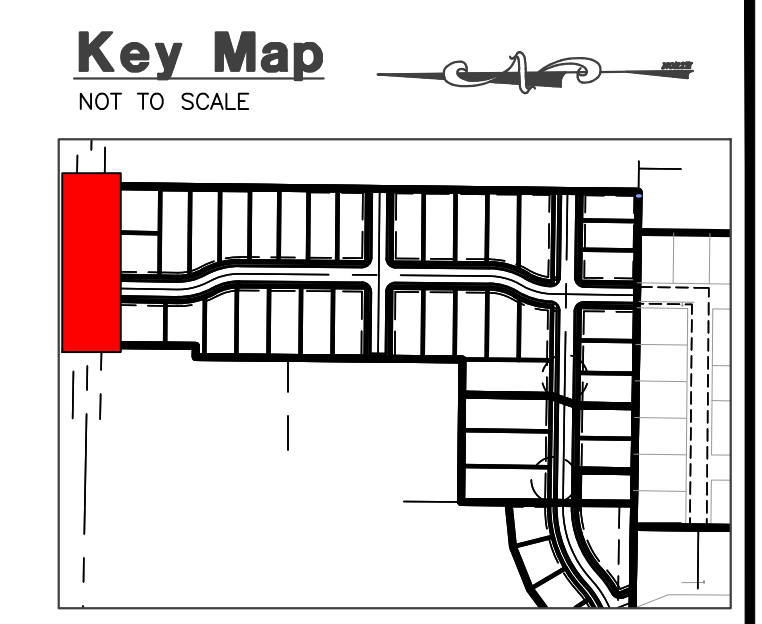
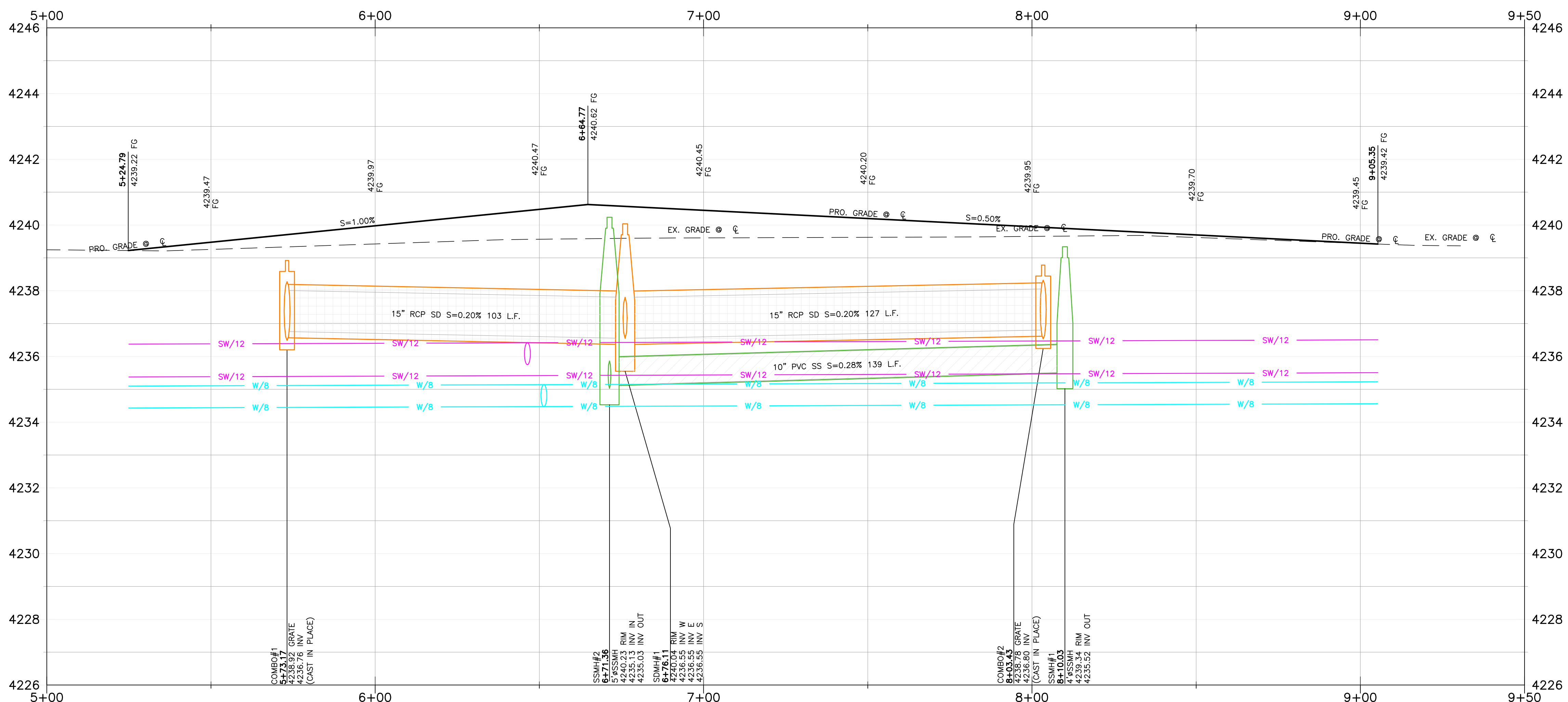
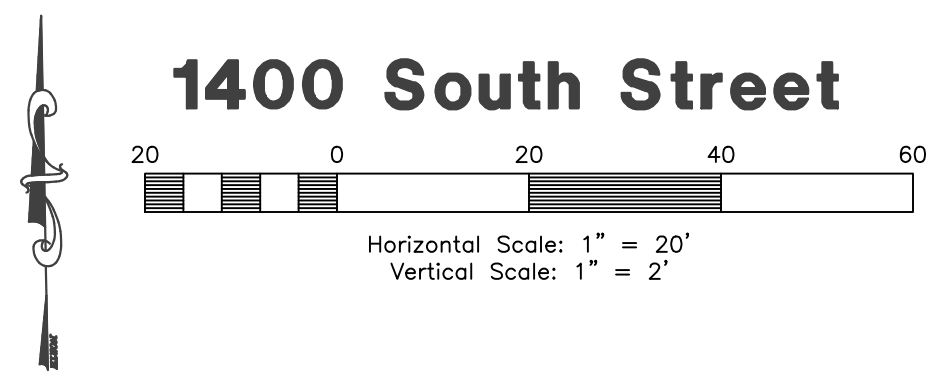






**1400 SOUTH NOTES:**

1. SAWCUT EXISTING ASPHALT FOR TACK SEAL OF NEW ASPHALT ON FULL ROAD WIDTH.
2. CONTRACTOR TO VERIFY 2% MINIMUM-5% MAX SLOPE.
3. SLOPE SHALL FLOW TOWARDS CURB & GUTTER UNLESS SPECIFIED DIFFERENT ON PLAN.
4. ASPHALT SEAL COAT FOR ASPHALT PRESERVATION TO BE COORDINATED WITH COUNTY.



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	02.27.2024	NE JUB Comments
	03.14.2024	NE City Comments

**Anselmi Acres Subdivision**  
WEBER COUNTY, UTAH

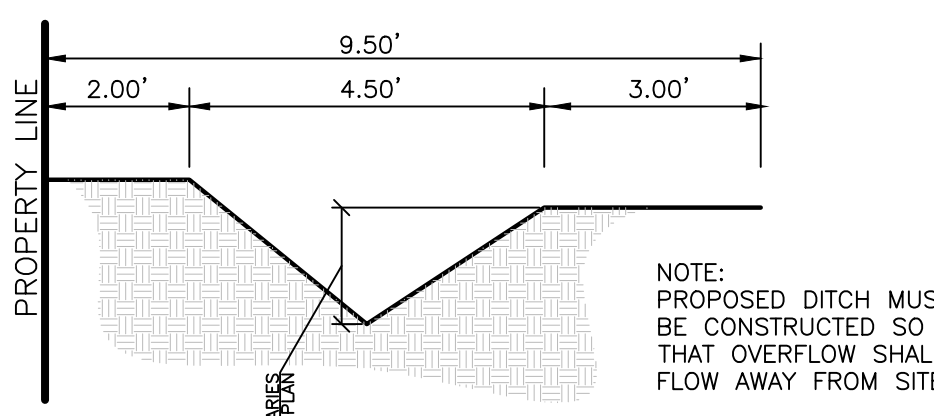
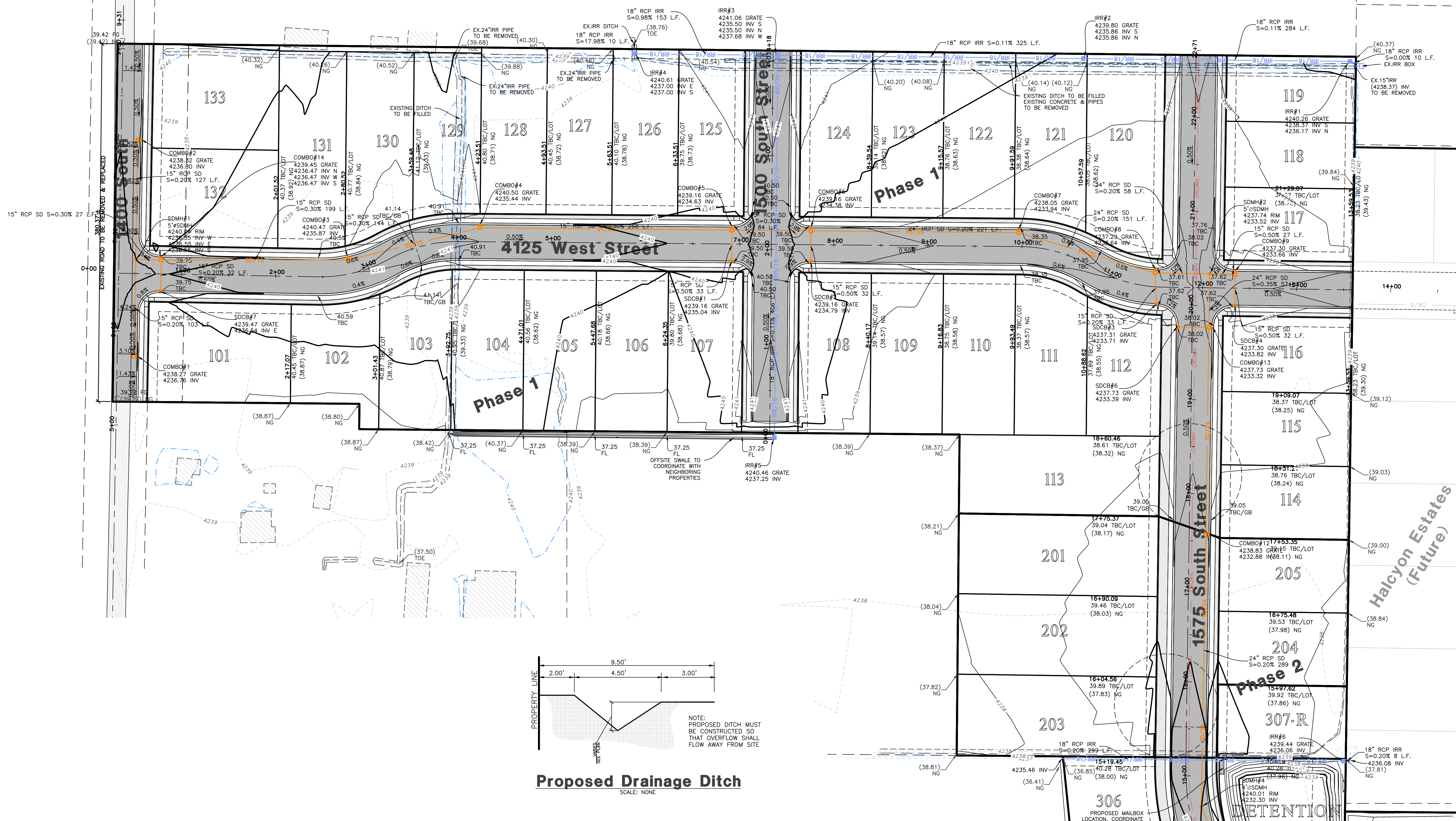
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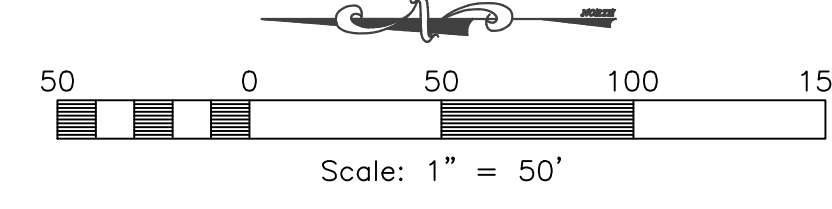
**Project Info.**

Engineer: J. NATE REEVE, P.E.  
Drafter: N. FICKLIN  
Begin Date: MAY, 2023  
Name: ANSELMI ACRES SUBDIVISION  
Number: 7152-19





**Proposed Drainage Ditch**  
SCALE: NONE



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

REVISIONS	DATE	DESCRIPTION
	08.01.2023	NE County Comments
	08.07.2023	NE Irr. & Wtr. Comm.
	12.13.2023	NE Utility Outfall
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**Anselmi Acres Subdivision**  
 WEBER COUNTY, UTAH

**Phase 1 & 2 Grading Plan**

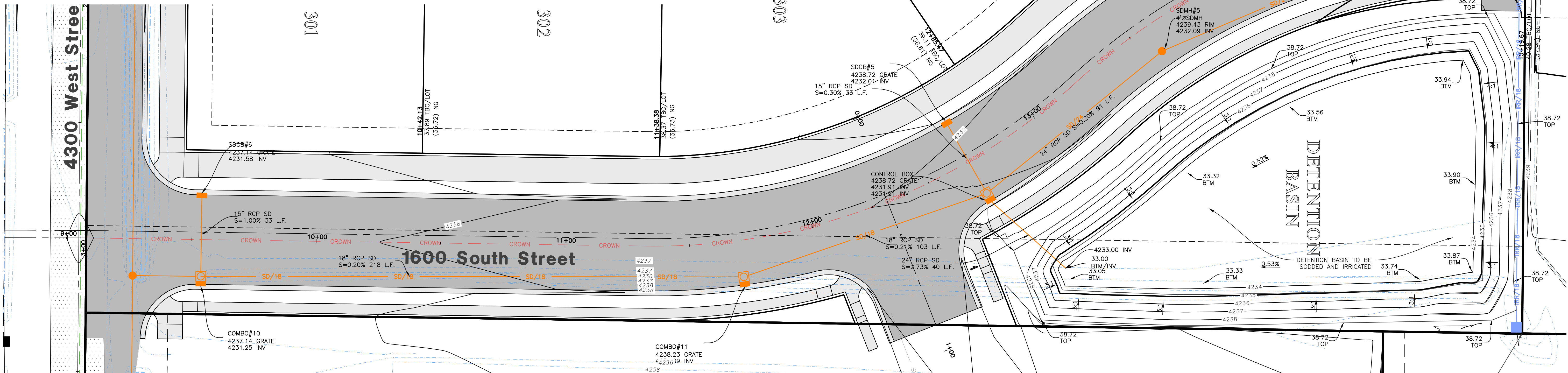
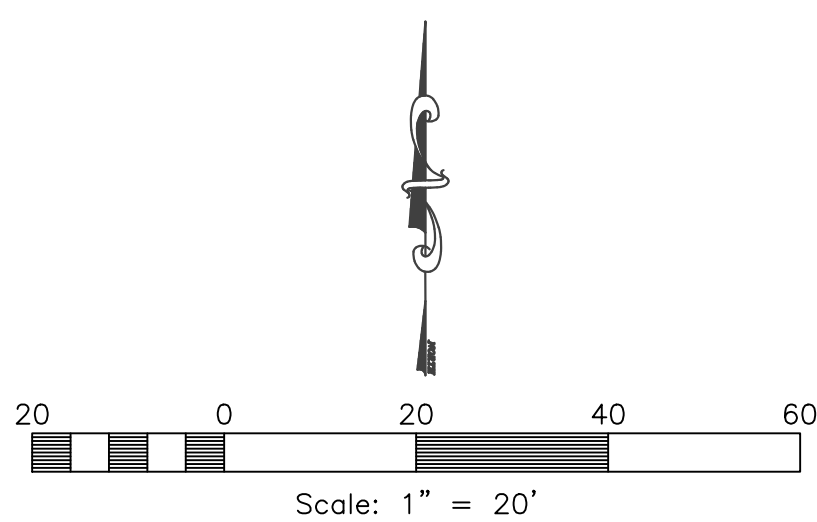


**Project Info.**

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 Drafter: N. FICKLIN  
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**Storm Runoff Calculations**  
Anselmi  
7152-19

8/1/2023  
2/8/2024

The following runoff calculations are based on the Rainfall - Intensity - Duration Frequency Curve for the West Weber City 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 and limited to a release rate of 0.1 cfs/acre.

The calculations are as follows:

**Drainage Area:**  
Total Area = 18.23 acre or 794,069 ft<sup>2</sup>  
Runoff Coefficients:  
20% Paved Area 158,000 C = 0.9  
11% Roof 90,000 C = 0.9  
78% Landscaped Area 616,868 C = 0.2  
Weighted Runoff Coefficient C = 0.40

**LID Retention:**  
30% Percentils Rainfall Event is the site Feasible for LID? No in  
Site Imperviousness 0.31  
NRCS Soil Group CID  
Rv Equation 0.83\*1.122  
Rv 0.22  
V<sub>rain</sub> 8,930 c.f.

**Rainfall Intensities:**  
10-yr intensity for a 30 minute TOC - Pipe Capacity 1.39 in/hr

**Peak Run-off:**  
Runoff Coefficient C = 0.40  
Rainfall Intensity I = 1.39 IN./HR.  
Acroage A = 19.85 ACRES  
Q = 11.06 cfs

**Volume of Run-off for 100-year Storm Event:**  
C = 0.40  
I = See Below in/hr  
A = 794,069 sq ft  
Q(in) = 1.82 ft/s (0.1 cfs per acre)

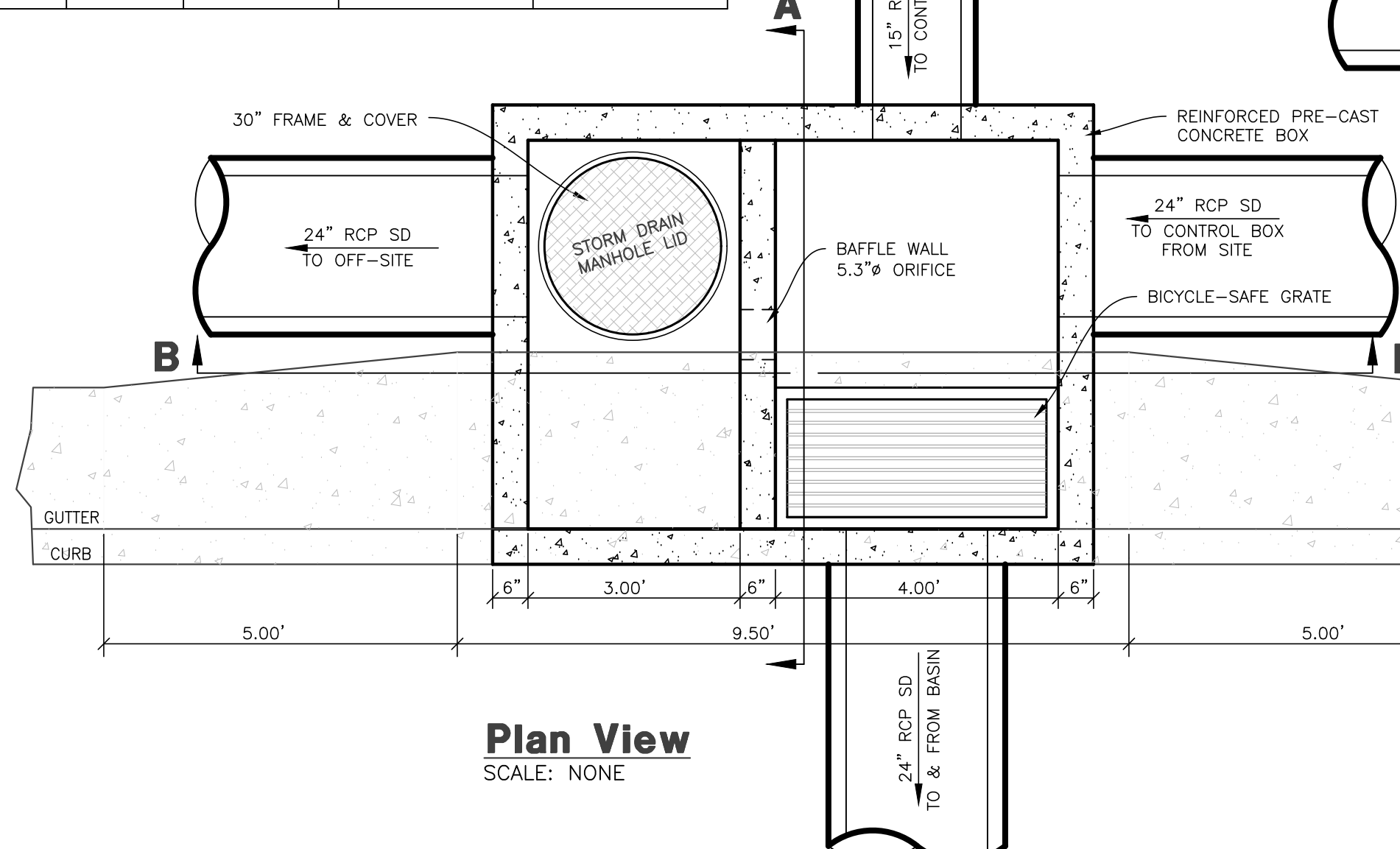
time (min)	time (sec)	i (in./hr.)	Q (cfs)	Vol. in (cf)	Vol. out (cf)	Difference (cf)
0	0	0.00	0	0	0	0
5	300	6.59	48.54	14562	547	14015
10	600	5.00	36.83	22097	1094	21004
15	900	4.14	30.49	27445	1641	25804
30	1800	2.79	20.55	36991	3291	33710
60	3600	1.72	12.67	45609	6583	39047
120	7200	0.94	6.95	50094	13125	36939
180	10800	0.64	4.73	51072	19888	31364
360	21600	0.36	2.64	56958	39375	17583
720	43200	0.22	1.62	70005	78751	-8746
1440	86400	0.12	0.91	78914	157501	-78587

**Orifice Sizing:**  
Given: Q = 1.82 cfs  
2g = 64.4 ft/s<sup>2</sup>  
H = 5.81 ft  
Cd = 0.62 for circular openings  
R = SQRT(Q/(0.7\*(84.4\*\*0.5)))  
R = 0.22 feet  
D = 2.64 inches  
5.28 inches  
A = 21.90 inches \* 2 0.1521 ft \* 2

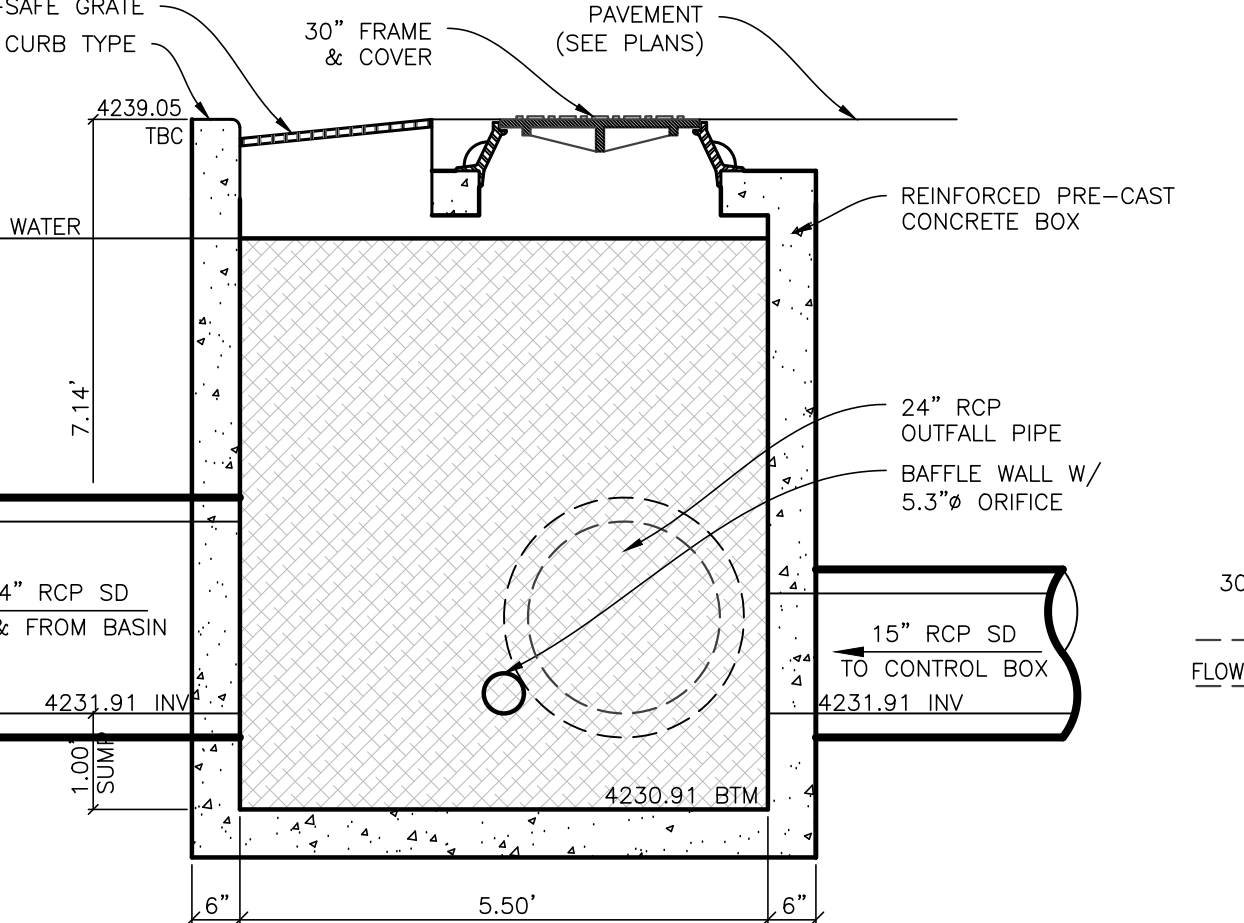
**SUMMARY:**  
The required 100-yr storage volume is 39,047 cubic feet  
The required LID Retention volume is Not Feasible cubic feet  
Orifice size is 5.3 inches

**DETECTION BASIN - STAGE STORAGE TABLE**

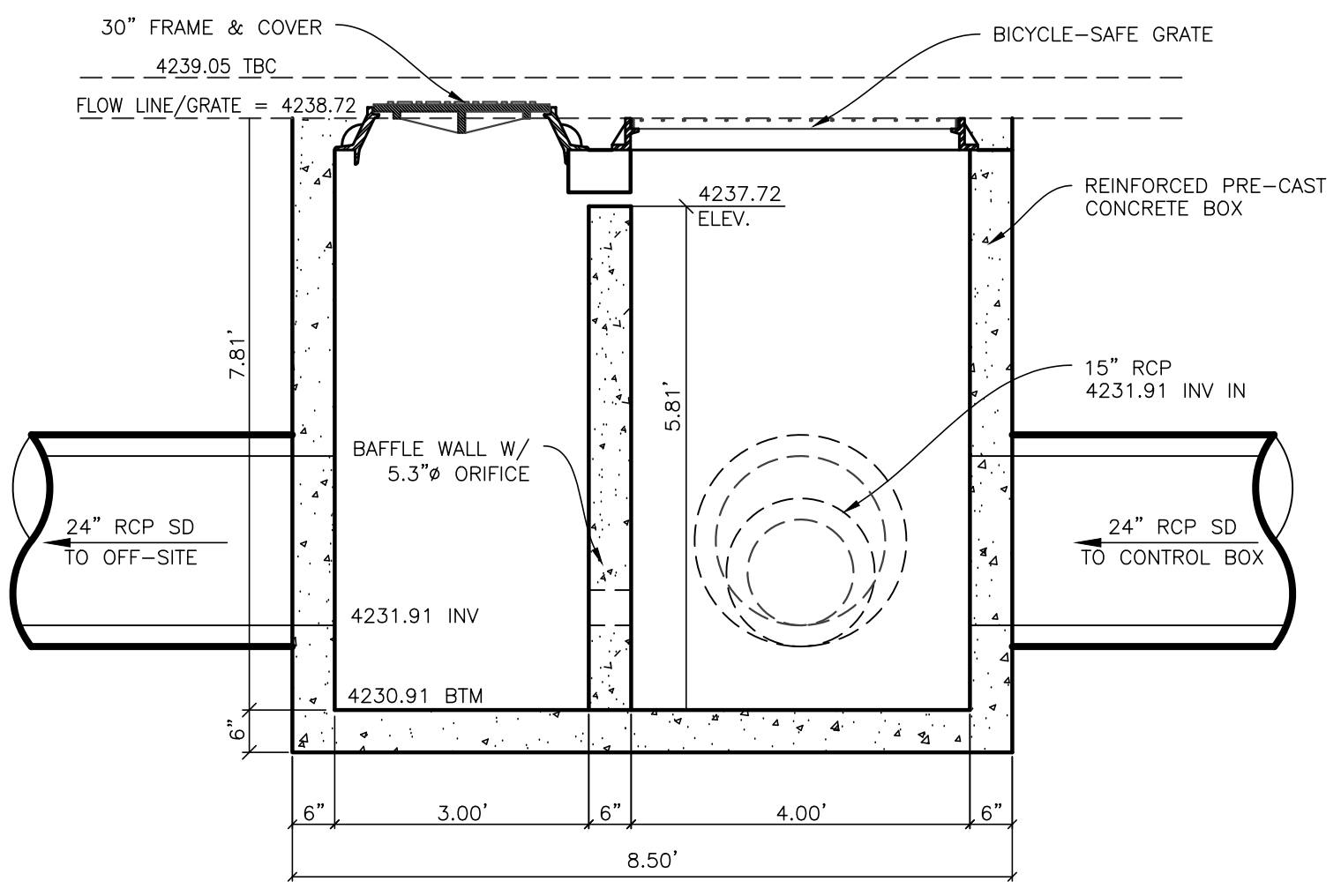
ELEV	AREA (sq. ft.)	DEPTH (ft)	CONIC INC. VOL. (cu. ft.)	CONIC TOTAL VOL. (cu. ft.)
4,233.00	0	N/A	N/A	0
4,234.00	10,159	1.00	3390	3390
4,235.00	11,655	1.00	10898	14289
4,236.00	13,231	1.00	12435	26724
4,237.00	14,885	1.00	14050	40774
4,237.72	16,124	0.72	11160	51935
4,238.00	16,617	0.28	4583	56519
4,238.72	17,934	0.72	12435	68954



**Plan View**  
SCALE: NONE



**Cross Section A-A**  
SCALE: NONE



**Cross Section B-B**  
SCALE: NONE

**Control Box/ Combo Box**  
SCALE: NONE

**Notice:**  
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**REVISIONS**

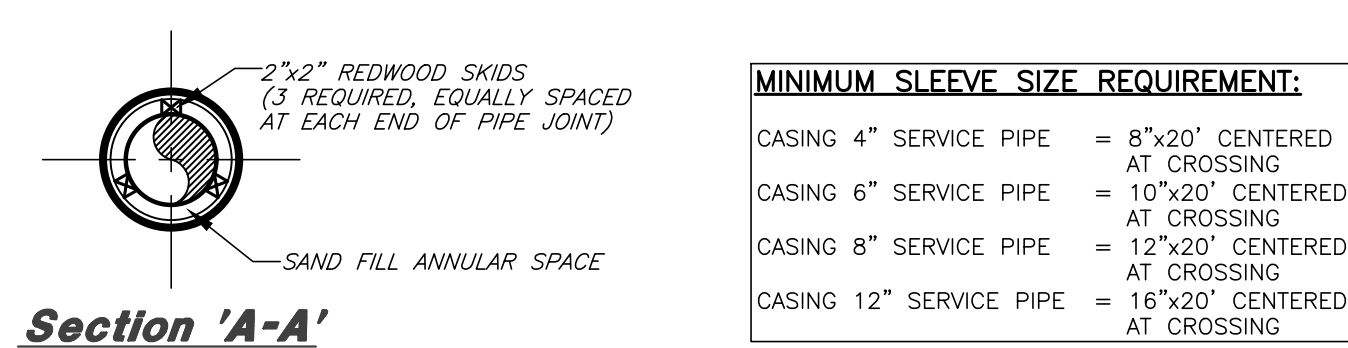
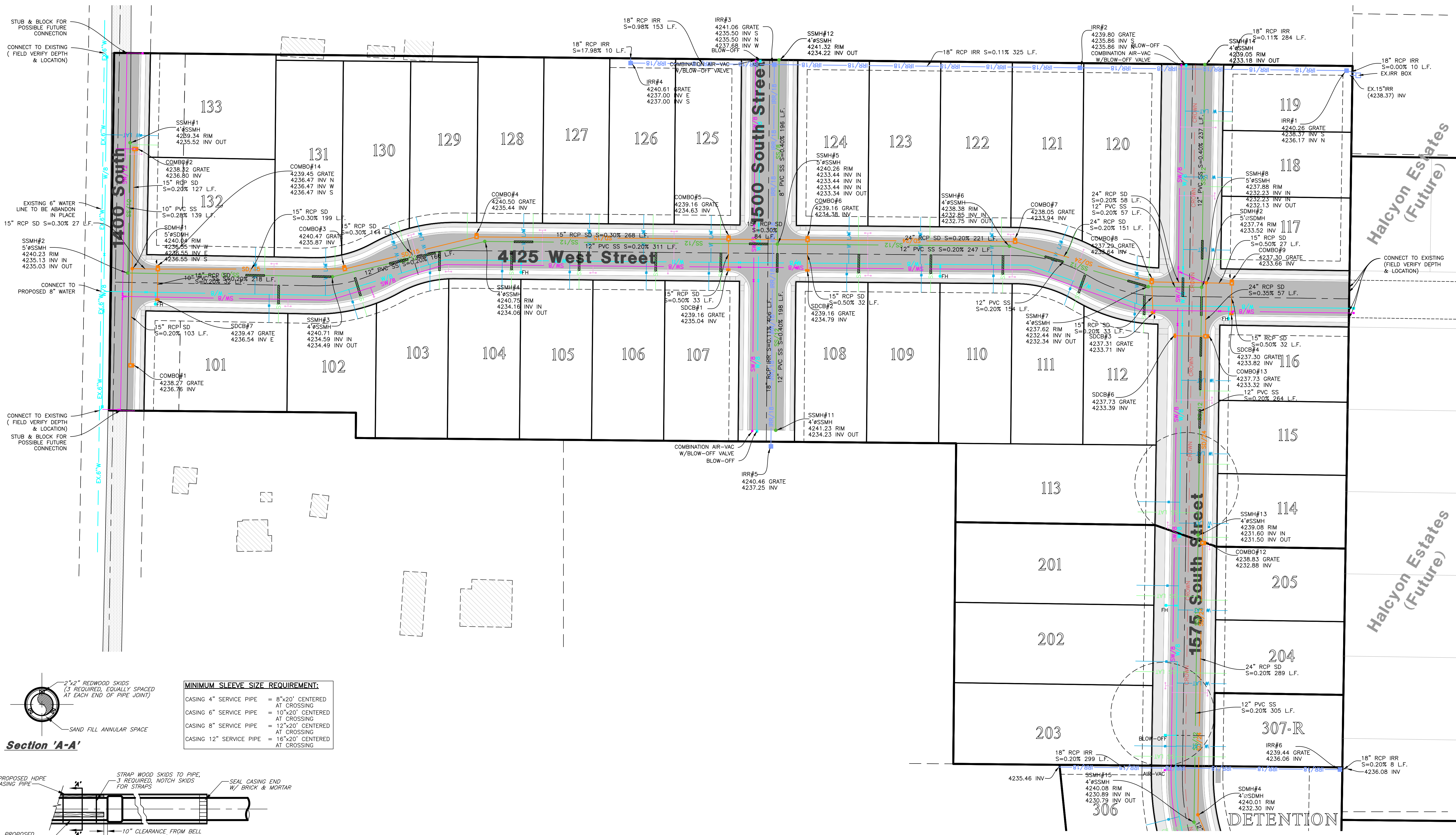
DATE	DESCRIPTION	County Comments	City Comments
08.01.2023	NE Irr. & Wtr. Comm.		
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02.27.2024	NE City Comments		
03.14.2024	NE City Comments		

**Anselmi Acres Subdivision**  
WEBER COUNTY, UTAH  
**Basin Detail**



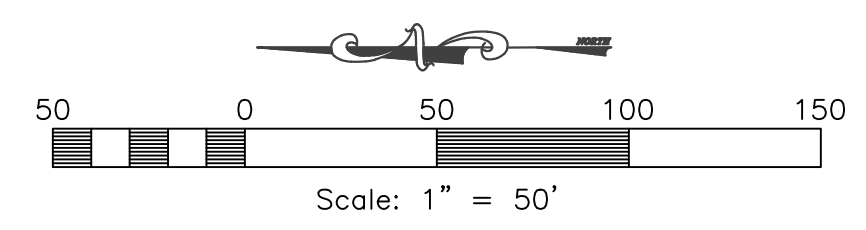
**Project Info.**  
Engineer: J. NATE REEVE, P.E.  
Drafted: N. FICKLIN  
Begin Date: MAY, 2023  
Name: ANSELMI ACRES SUBDIVISION  
Number: 7152-19





**MINIMUM SLEEVE SIZE REQUIREMENT:**

CASING 4" SERVICE PIPE	= 8"x20" CENTERED AT CROSSING
CASING 6" SERVICE PIPE	= 10"x20" CENTERED AT CROSSING
CASING 8" SERVICE PIPE	= 12"x20" CENTERED AT CROSSING
CASING 12" SERVICE PIPE	= 18"x20" CENTERED AT CROSSING



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 (801) 621-3100

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**REVISIONS**

DATE	DESCRIPTION
08.01.2023	NF County Comments
08.07.2023	NF Irr. & Wtr. Comm.
12.13.2023	NF Utility Outfall
02.27.2024	NF JUB Comments
03.14.2024	NF City Comments

**Anselmi Acres Subdivision**  
 WEBER COUNTY, UTAH

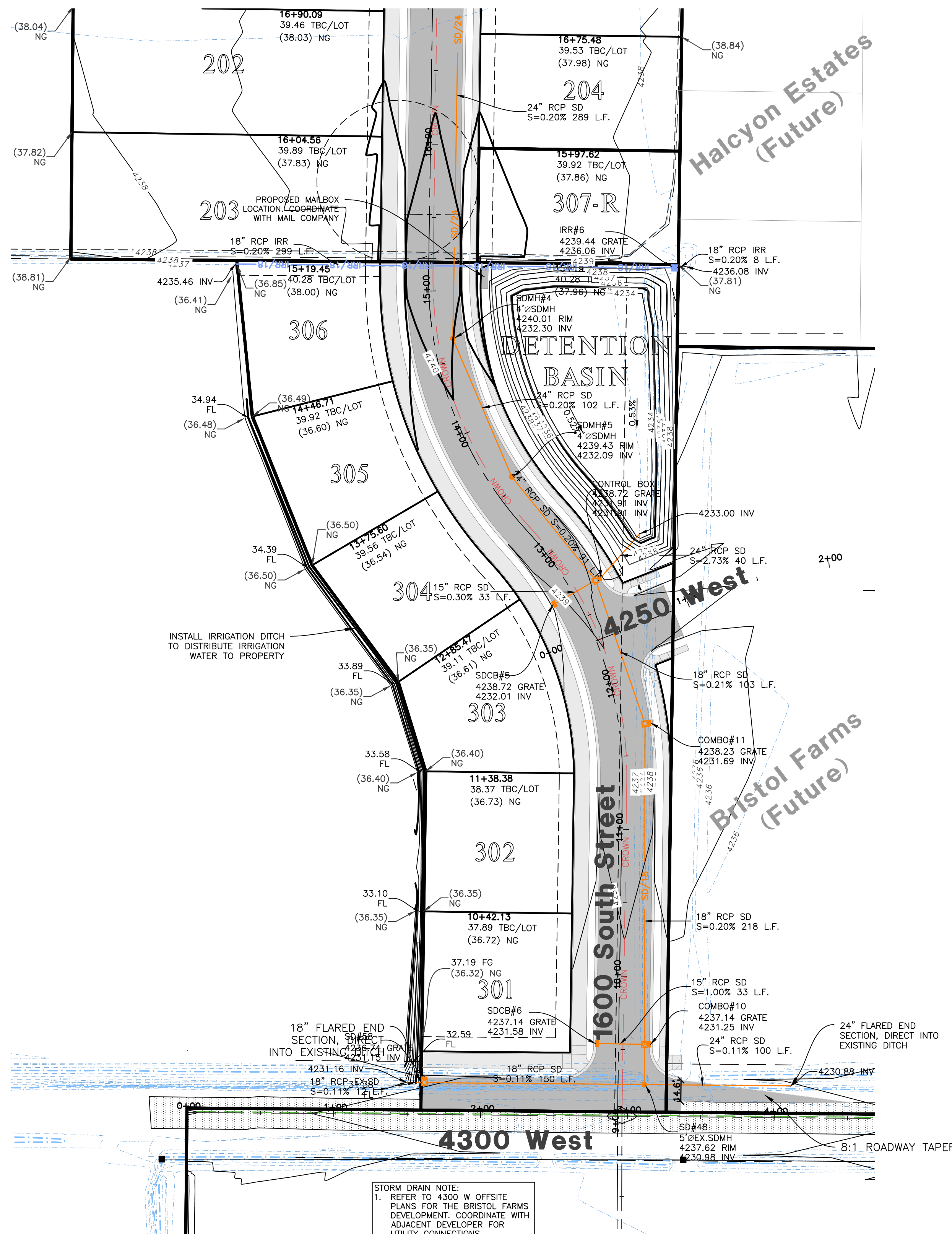
**Phase 1 & 2 Utility Plan**



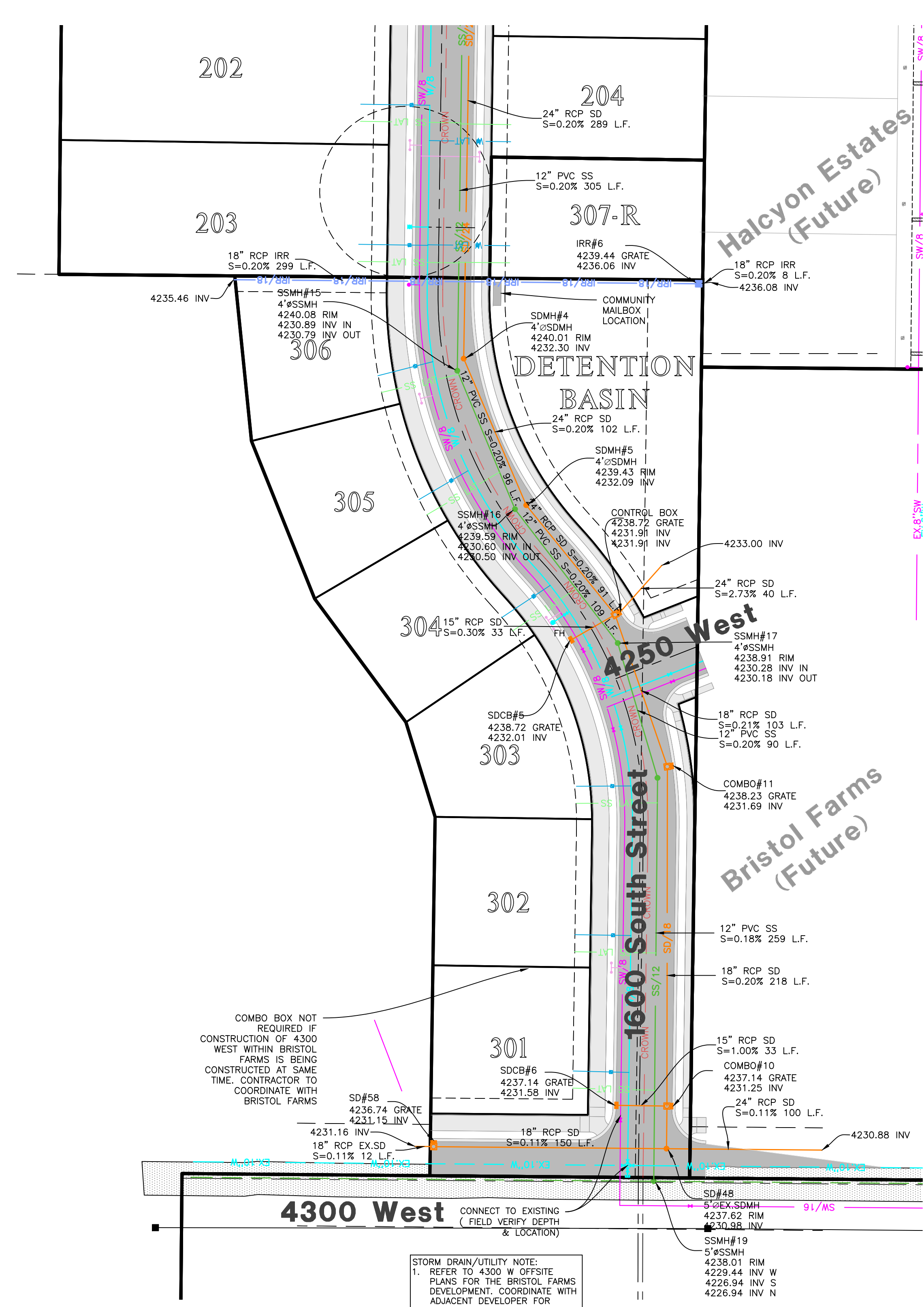
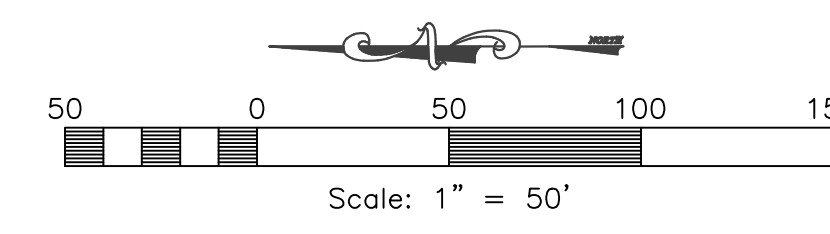
**Project Info.**

Engineer: J. NATE REEVE, P.E.  
 Drafter: N. FICKLIN  
 Begin Date: MAY, 2023  
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 Number: 7152-19

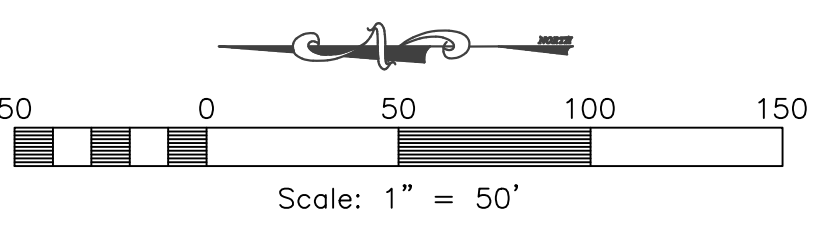




**Phase 3 Grading Plan**



**Phase 3 Utility Plan**



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REVISIONS	DATE	DESCRIPTION
08.01.2023	NE	County Comments
08.07.2023	NE	Irr. & Wtr. Comm.
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**Anselmi Acres Subdivision**  
 WEBER COUNTY, UTAH

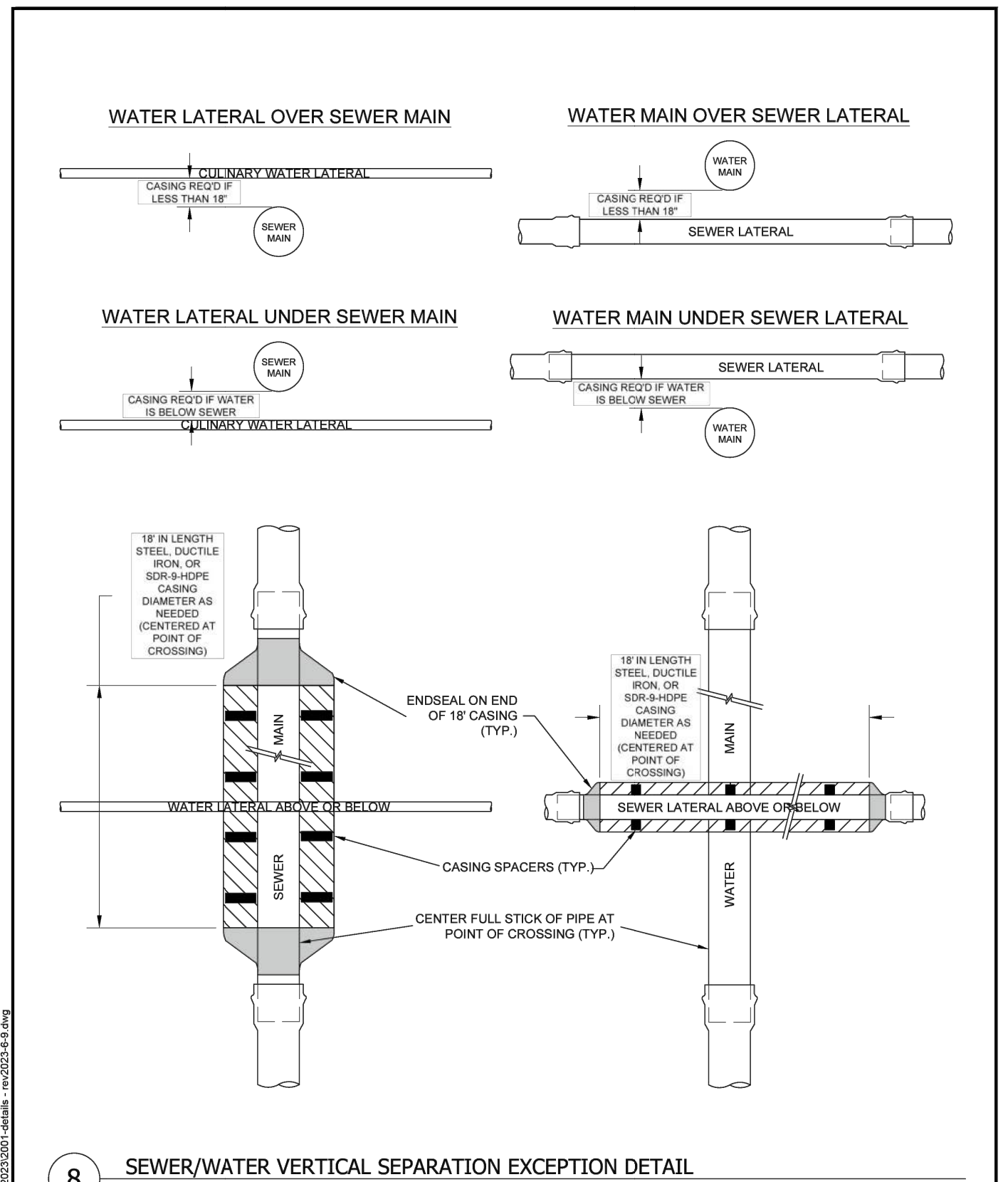
**Phase 3 Grading & Utility Plan**



**Project Info.**

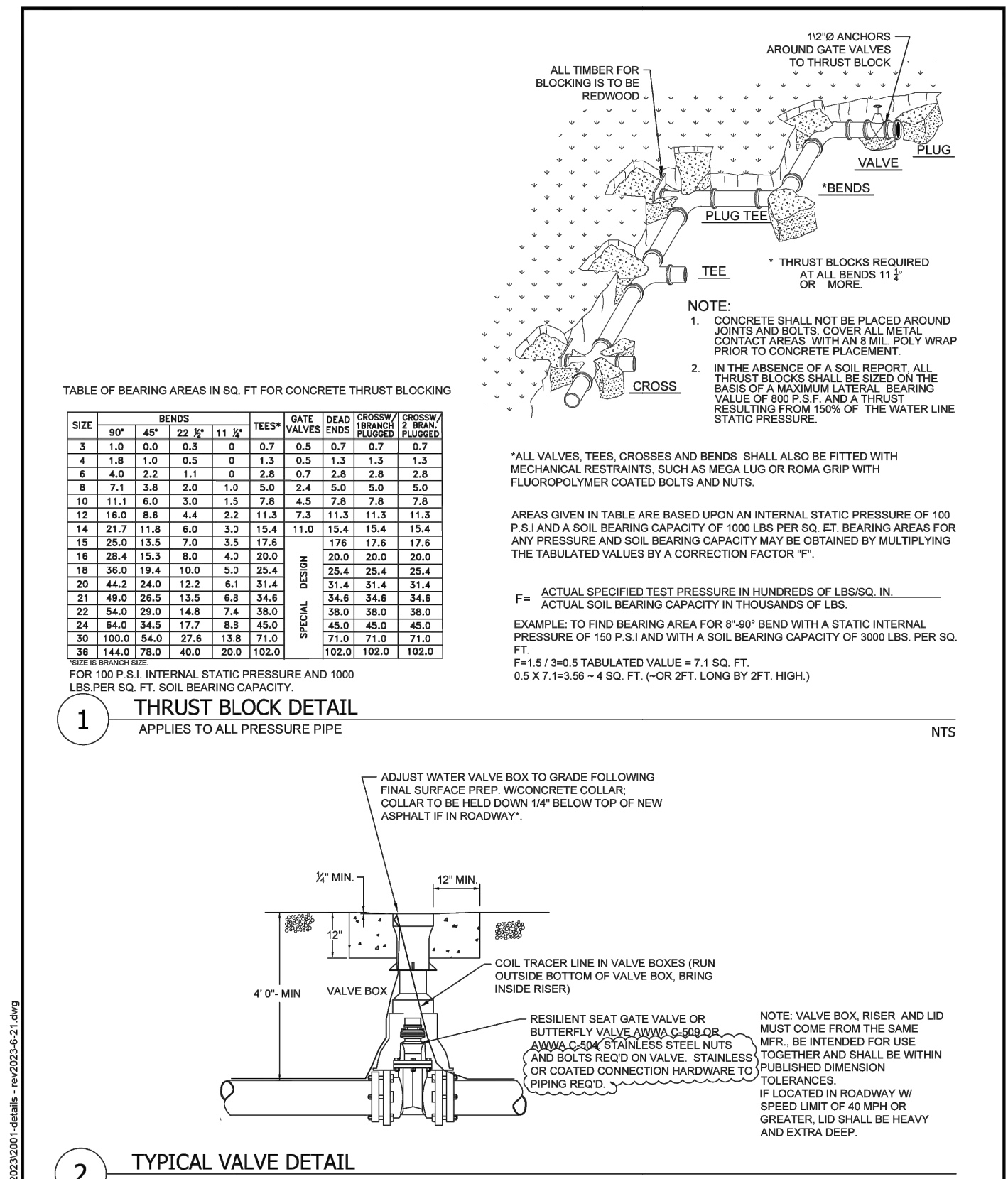
Engineer: J. NATE REEVE, P.E.  
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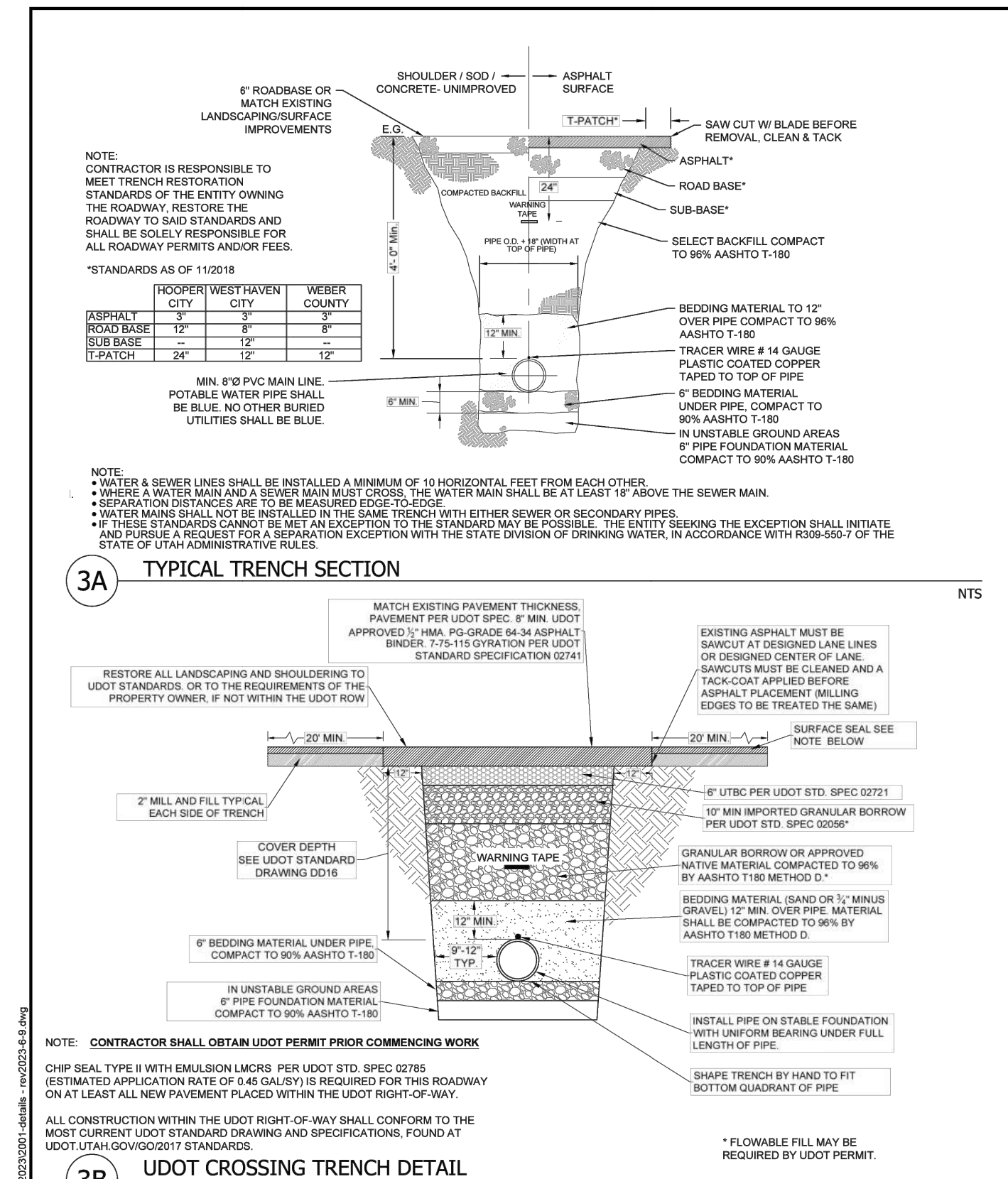
STANDARD WATER DETAILS  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 SEWER/WATER CROSSING  
 SHEET 6

**GARDNER ENGINEERING**  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 SEWER/WATER CROSSING  
 SHEET 6



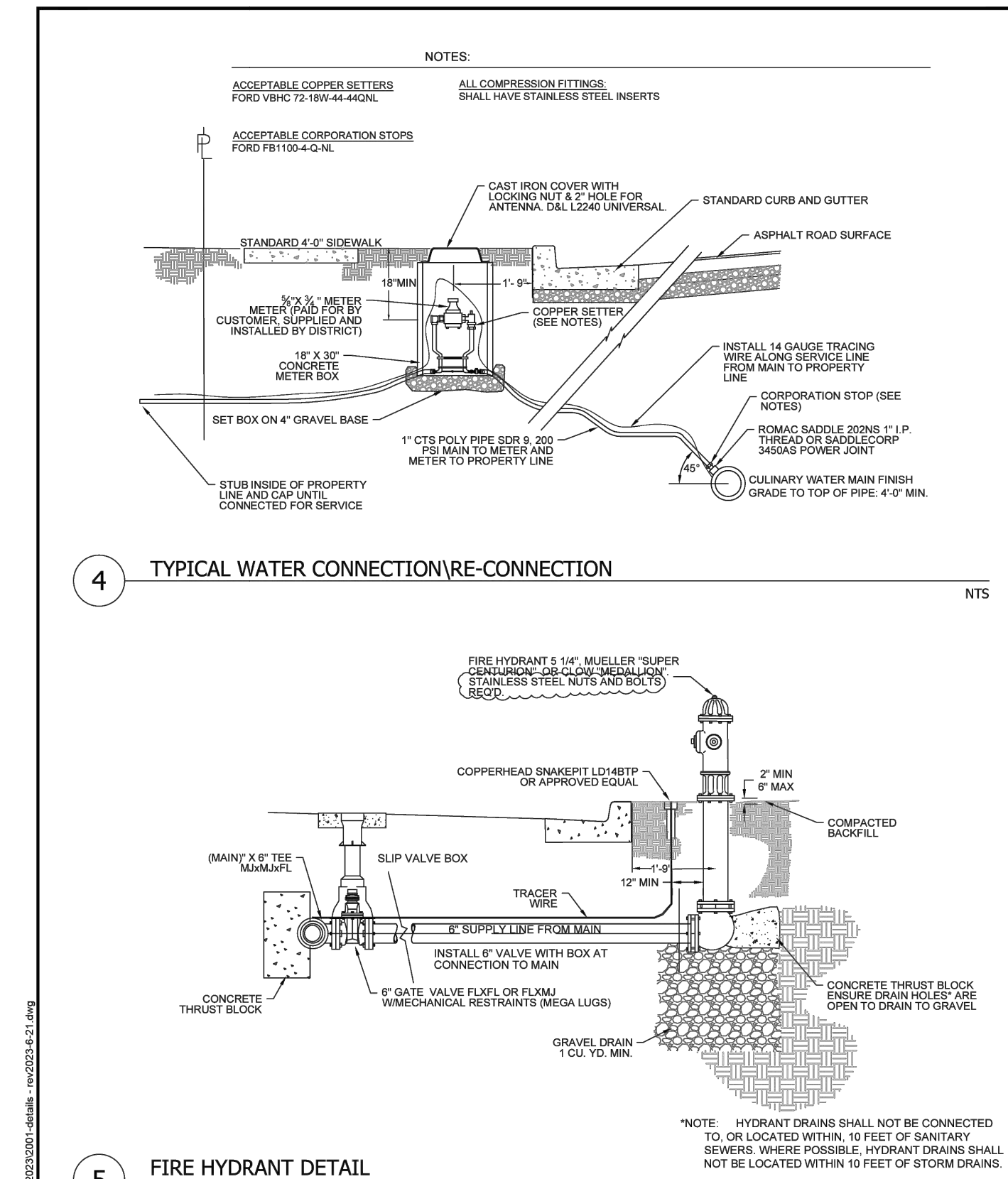
STANDARD WATER DETAILS  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 TYPICAL VALVE DETAIL  
 SHEET 1

**GARDNER ENGINEERING**  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 TYPICAL VALVE DETAIL  
 SHEET 1



STANDARD WATER DETAILS  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 TYPICAL TRENCH DETAIL  
 SHEET 2

**GARDNER ENGINEERING**  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 TYPICAL TRENCH DETAIL  
 SHEET 2



STANDARD WATER DETAILS  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 TYPICAL WATER CONNECTION DETAIL  
 SHEET 3

**GARDNER ENGINEERING**  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 TYPICAL WATER CONNECTION DETAIL  
 SHEET 3

**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:

- 1) Diameter is 4-feet: For pipe under 12" diameter.
- 2) 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 C 478.

E. Joint Sealant: Rubber based, compressible.

F. Grout: 2 parts sand to 1 part cement mortar, ASTM C 1329.

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.

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. Concrete Deck or Reducing Riser: When depth of manhole from pipe invert to finish grade exceeds 7 feet, use an ASTM C 478 reducing riser.

E. Pipe Connections: Grout around all pipe openings.

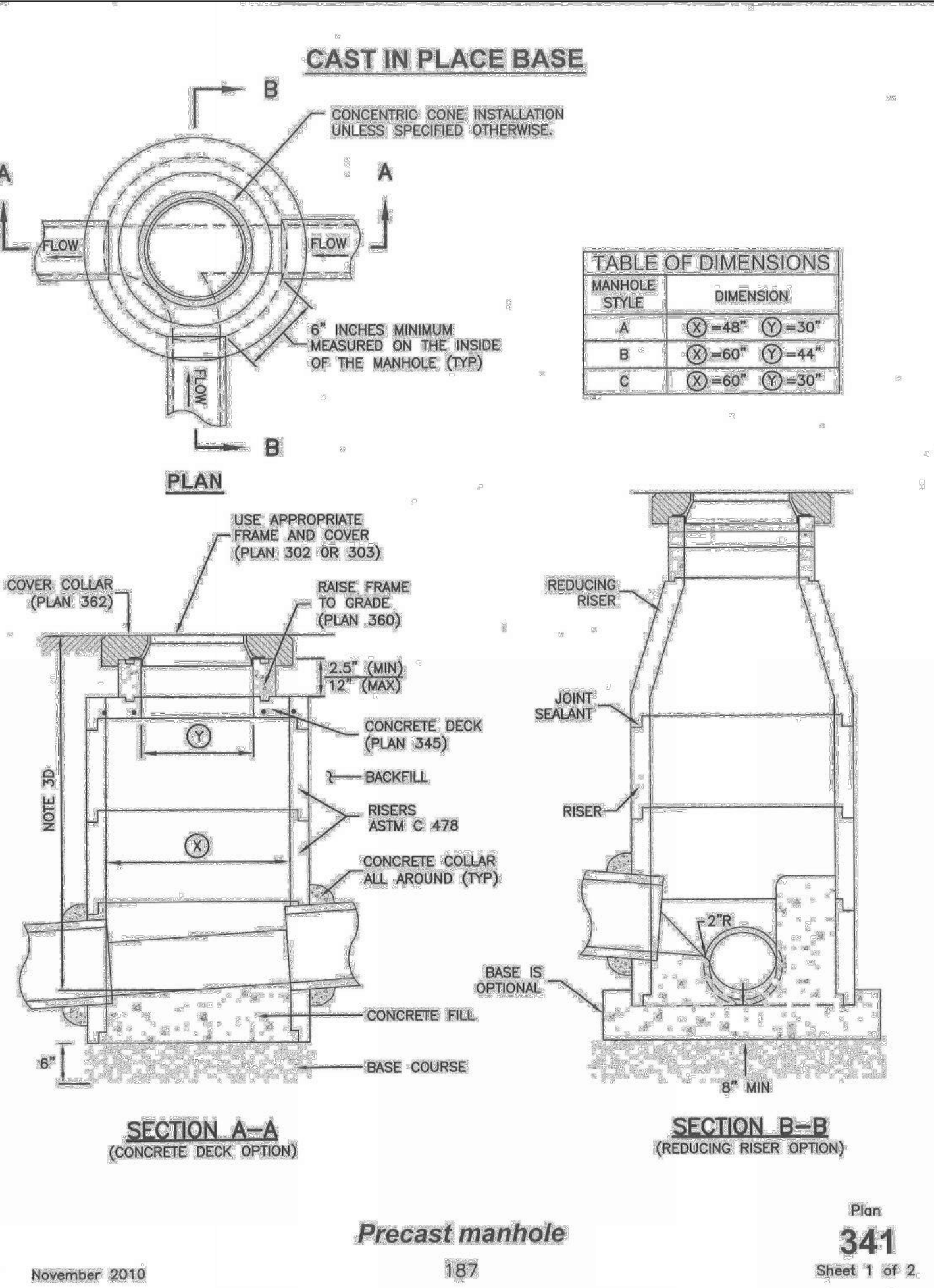
F. Pipe Seal: Install rubber-based pipe seals on all plastic pipes when connecting plastic pipes to manholes. Hold water-stop in place with stainless steel bands.

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.

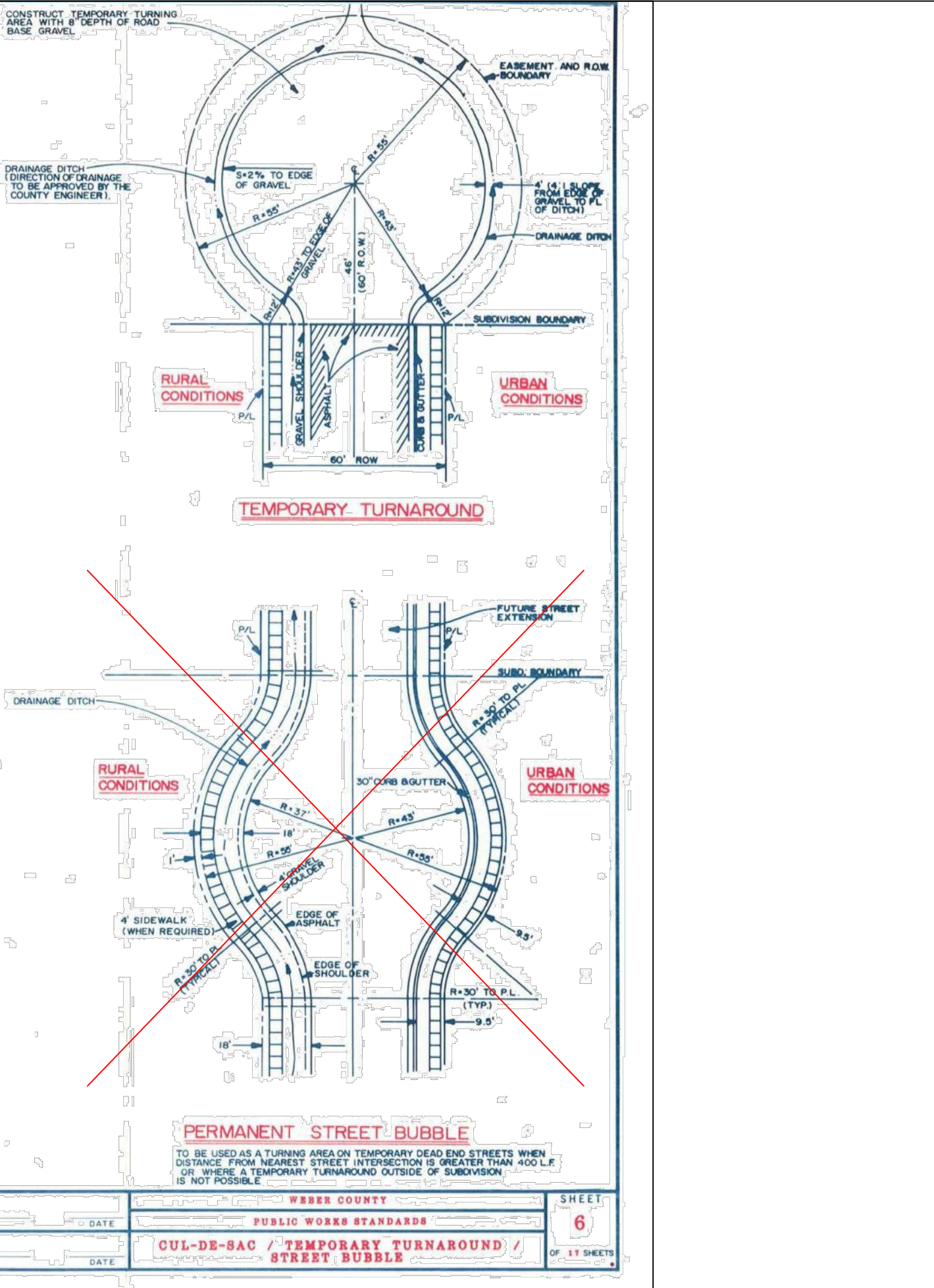
I. Finish: Provide smooth and neat finishes on interior of cones, shafts, and rings. Imperfect moldings or honeycombs will not be accepted.

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.



STANDARD WATER DETAILS  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 PRECAST MANHOLE  
 SHEET 1

**GARDNER ENGINEERING**  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 PRECAST MANHOLE  
 SHEET 1



STANDARD WATER DETAILS  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 RURAL AND URBAN CONDITIONS  
 SHEET 6

**GARDNER ENGINEERING**  
 TAYLOR WEST WEBER  
 WATER IMPROVEMENT DISTRICT  
 RURAL AND URBAN CONDITIONS  
 SHEET 6

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**REVISIONS**

DATE	DESCRIPTION	COUNTY COMMENTS
08.01.2023	NE	County Comments
08.07.2023	NE	City Comments
12.13.2023	NE	Utility Outfall
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STANDARD WATER DETAILS  
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 WATER IMPROVEMENT DISTRICT  
 TYPICAL WATER CONNECTION DETAIL  
 SHEET 3

**GARDNER ENGINEERING**  
 TAYLOR WEST WEBER  
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 SHEET 3

**Anselmi Acres Subdivision**  
 WEBER COUNTY, UTAH

**Standard Details**

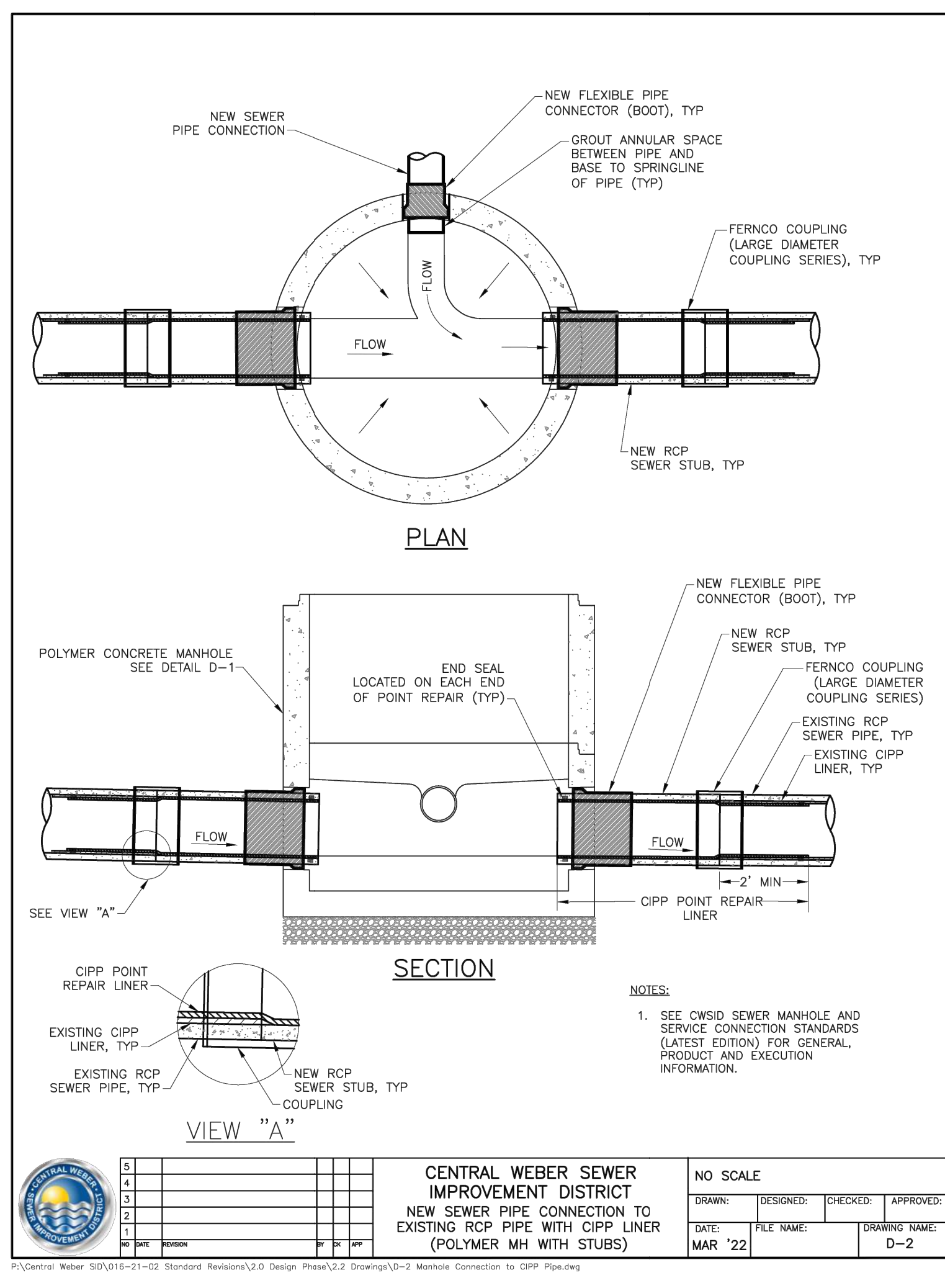
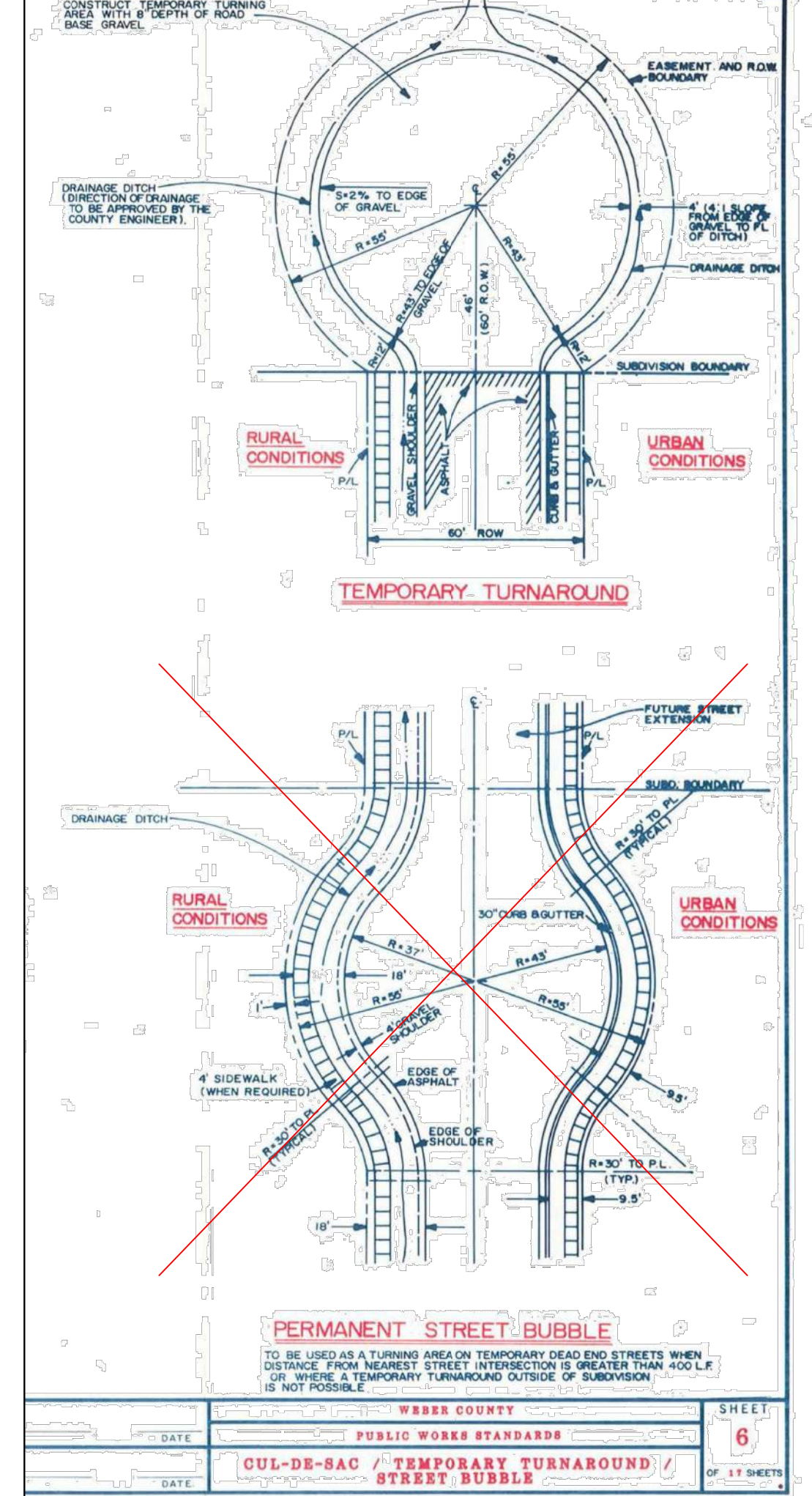
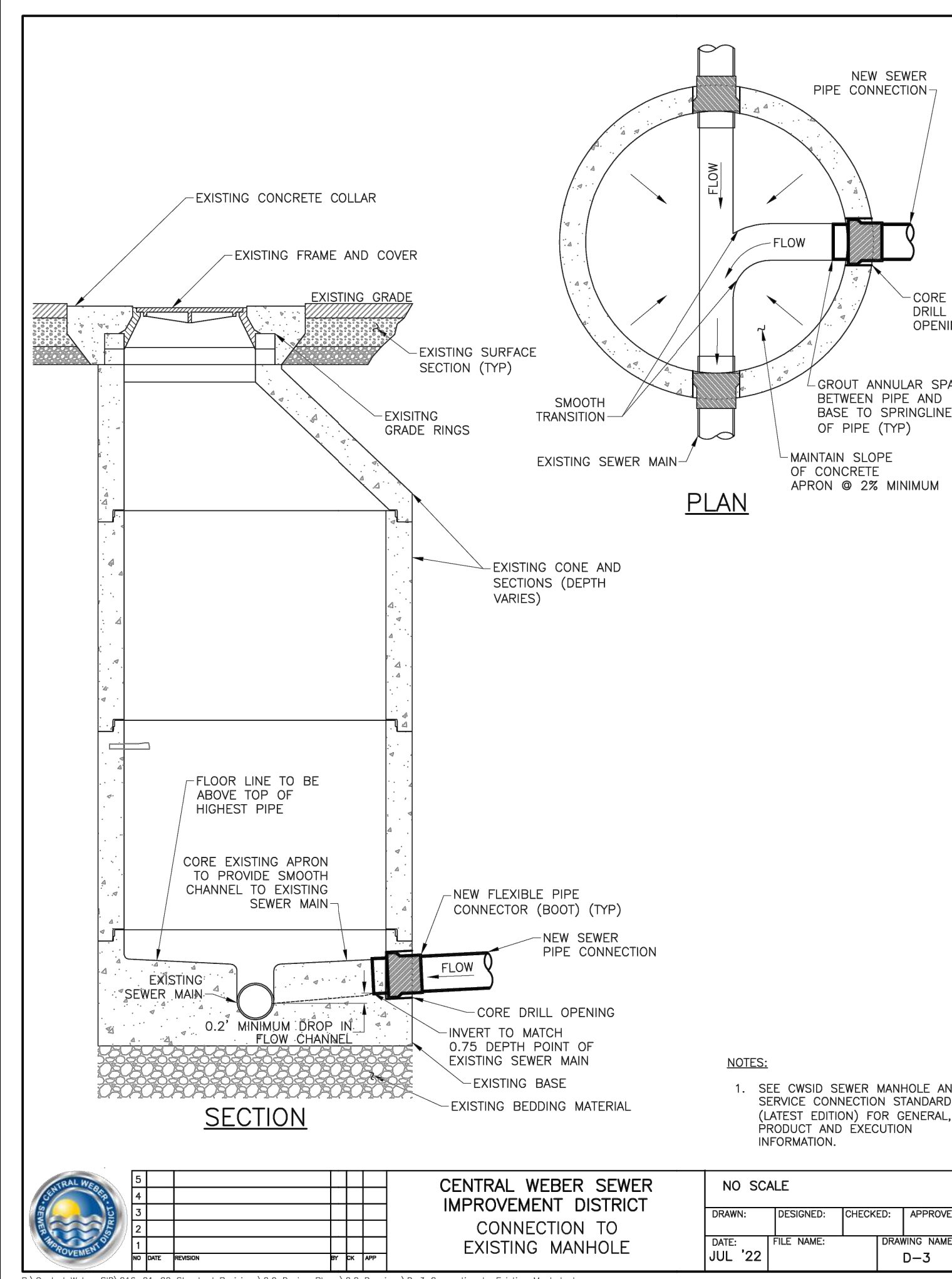
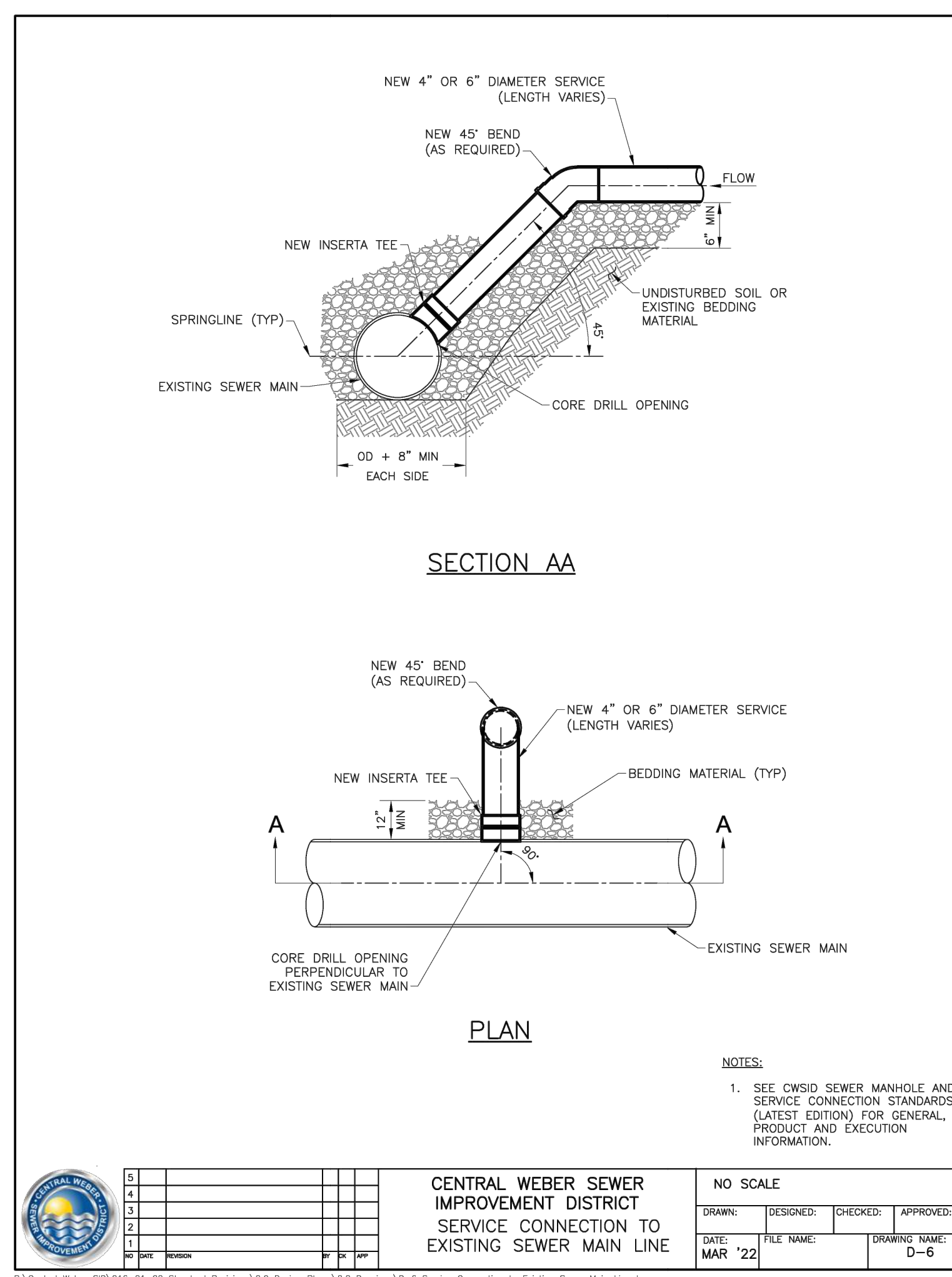
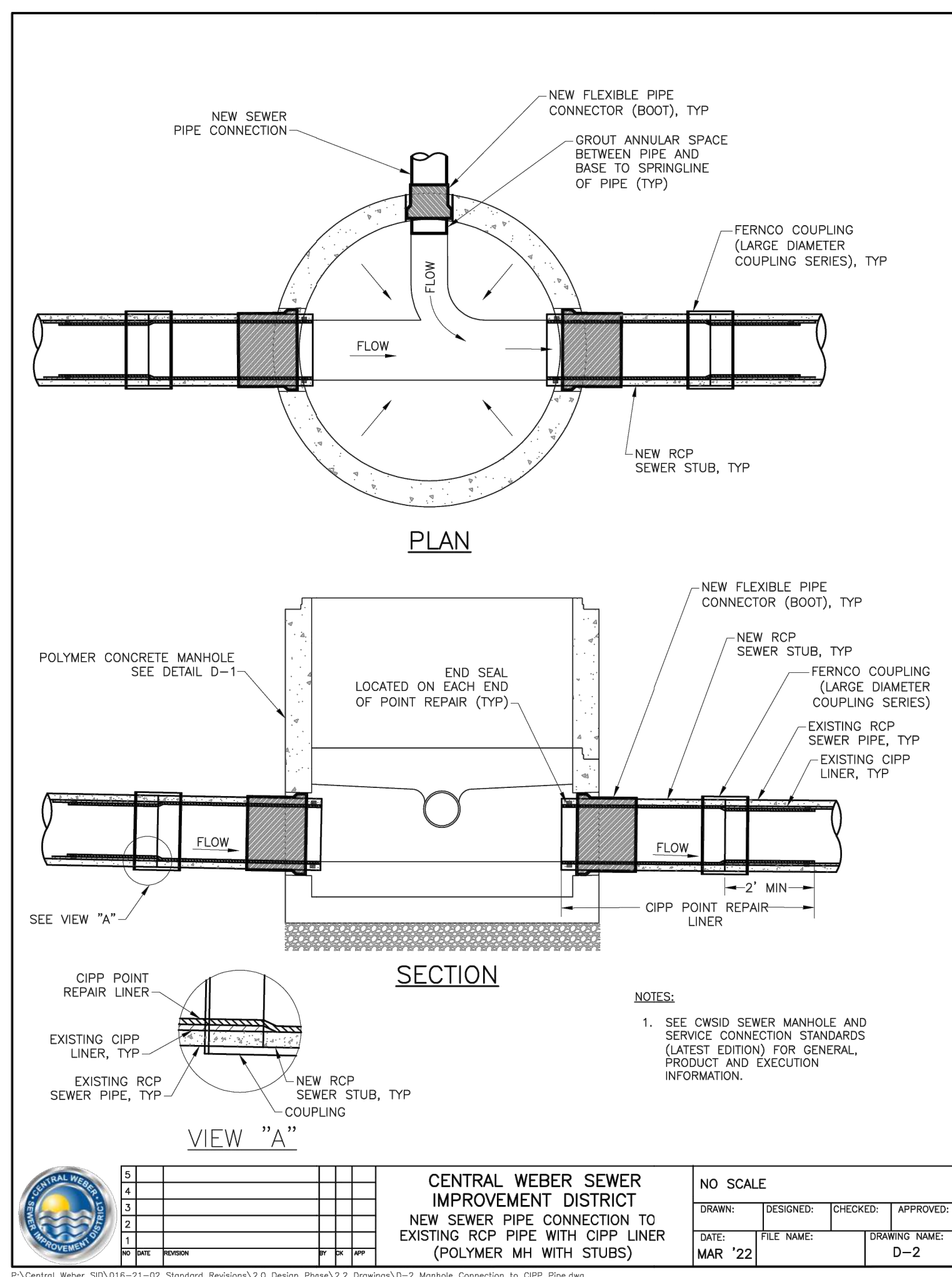
**REGISTERED PROFESSIONAL ENGINEER**  
 375328  
 J. NATE REEVE  
 4/26/2024  
 STATE OF UTAH

**Project Info.**

Engineer: J. NATE REEVE, P.E.  
 Drafter: N. FICKLIN  
 Begin Date: MAY, 2023  
 Name: ANSELMI ACRES SUBDIVISION  
 Number: 7152-19

**15**  
 Total Sheets





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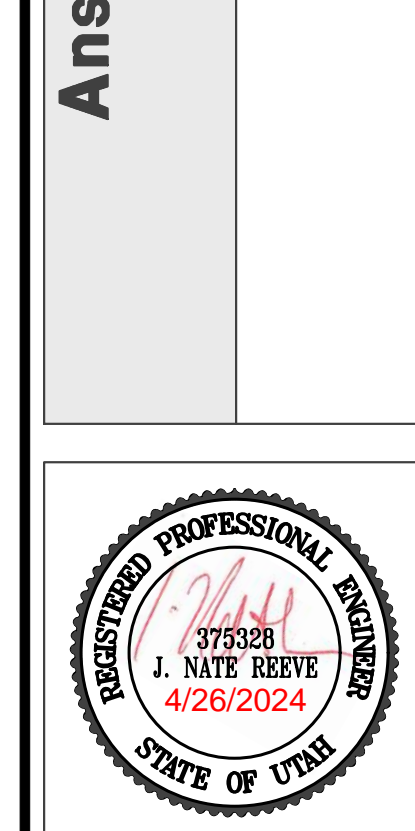
**RA**

REVISIONS

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DATE	FILE NAME	DRAWING NAME			
MAR '22		D-2			

**Anselmi Acres Subdivision**  
WEBER COUNTY, UTAH



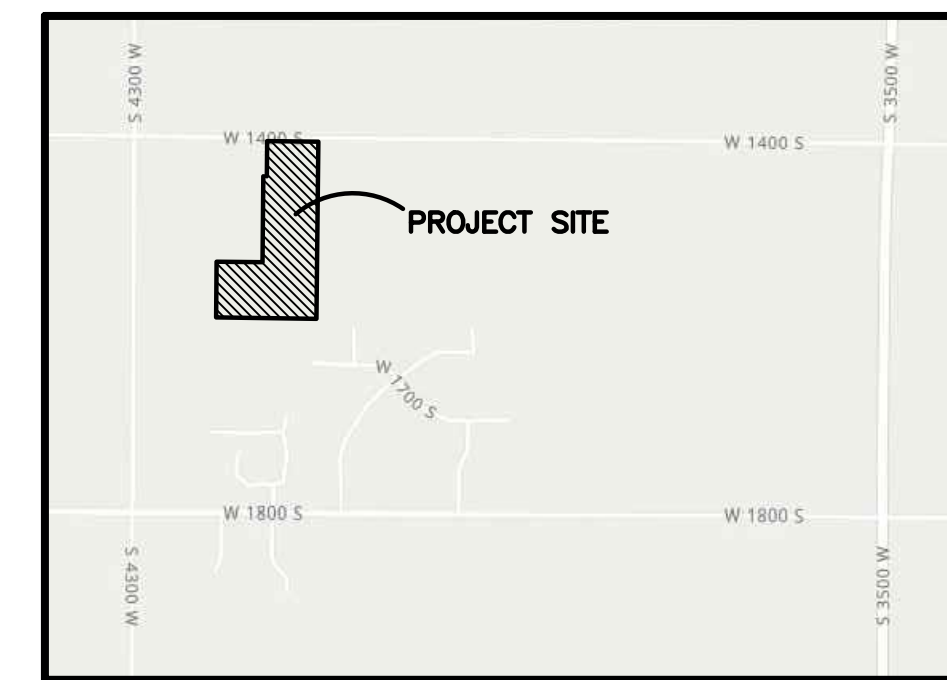
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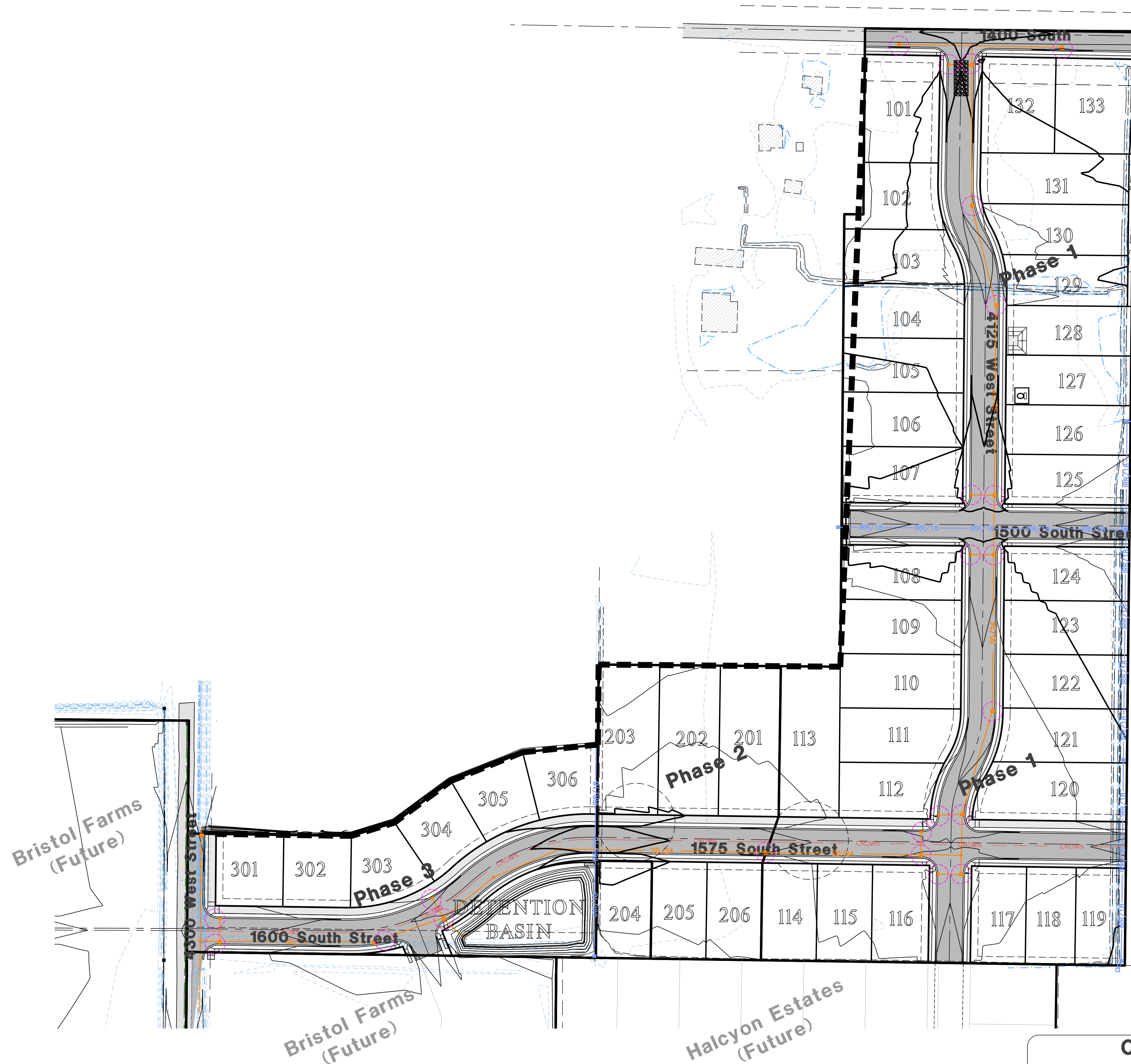
# ANSEMI ACRES

## Storm Water Pollution Prevention Plan Exhibit

WEBER COUNTY, UTAH  
DECEMBER, 2023



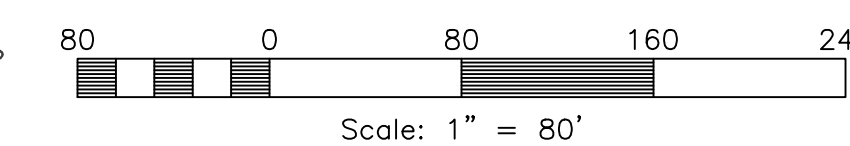
Vicinity Map  
NOT TO SCALE



### 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.....WEBER COUNTY, (UT)
- PROJECT BEGINNING DATE.....DECEMBER 2023
- BMP'S DEPLOYMENT DATE.....DECEMBER 2023
- STORM WATER MANAGEMENT CONTACT / INSPECTOR.....SKY HAZLEHURST (801) 837-2020
- SPECIFIC CONSTRUCTION SCHEDULE INCLUDING BMP CONSTRUCTION SCHEDULE TO BE INCLUDED WITH SWPPP BY OWNER/DEVELOPER

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 5160 SOUTH 1500 WEST, RIVERDALE, UTAH 84405  
 TEL: (801) 621-3100 www.ra-inc.co

DATE	DESCRIPTION
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**Anselmi Acres Subdivision**  
 WEBER COUNTY, UTAH  
**Storm Water Pollution Prevention Plan Exhibit**

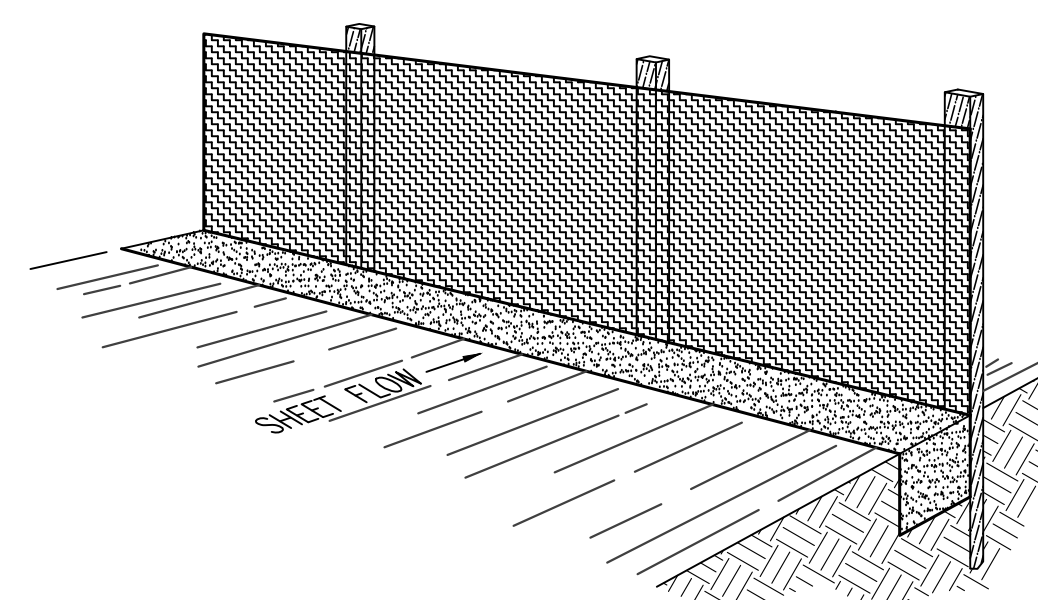


**Project Info.**  
 Engineer: J. NATE REEVE, P.E.  
 Drafter: N. FICKLIN  
 Begin Date: MAY, 2023  
 Name: ANSEMI ACRES SUBDIVISION  
 Number: 7152-19



**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 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

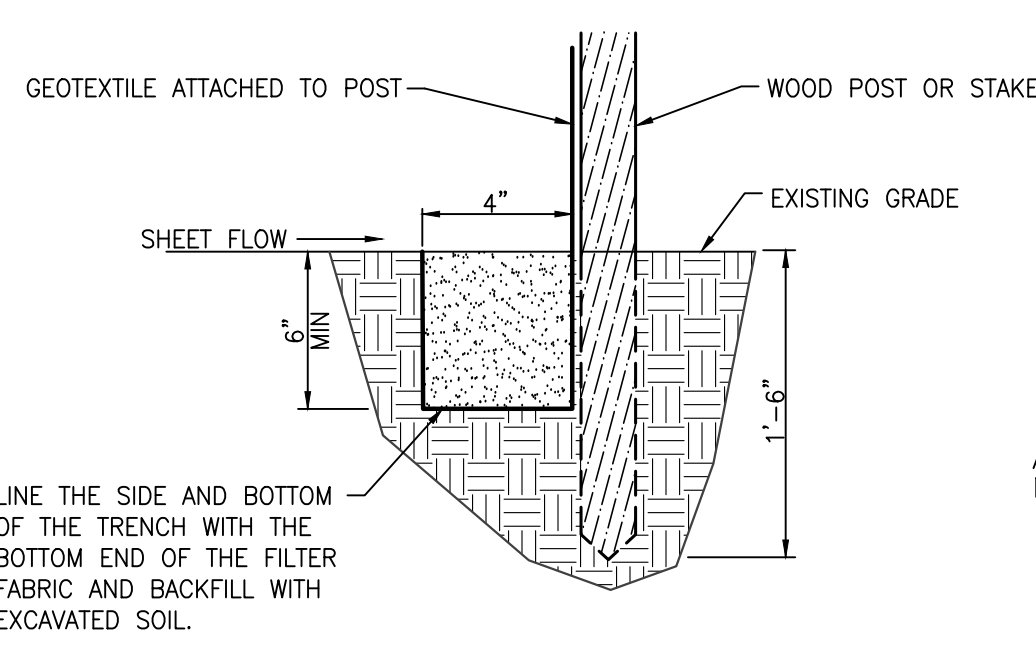
**INSTALLATION**

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**

**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

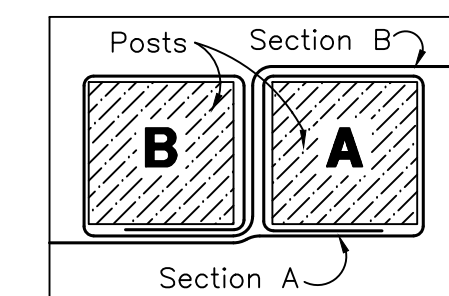
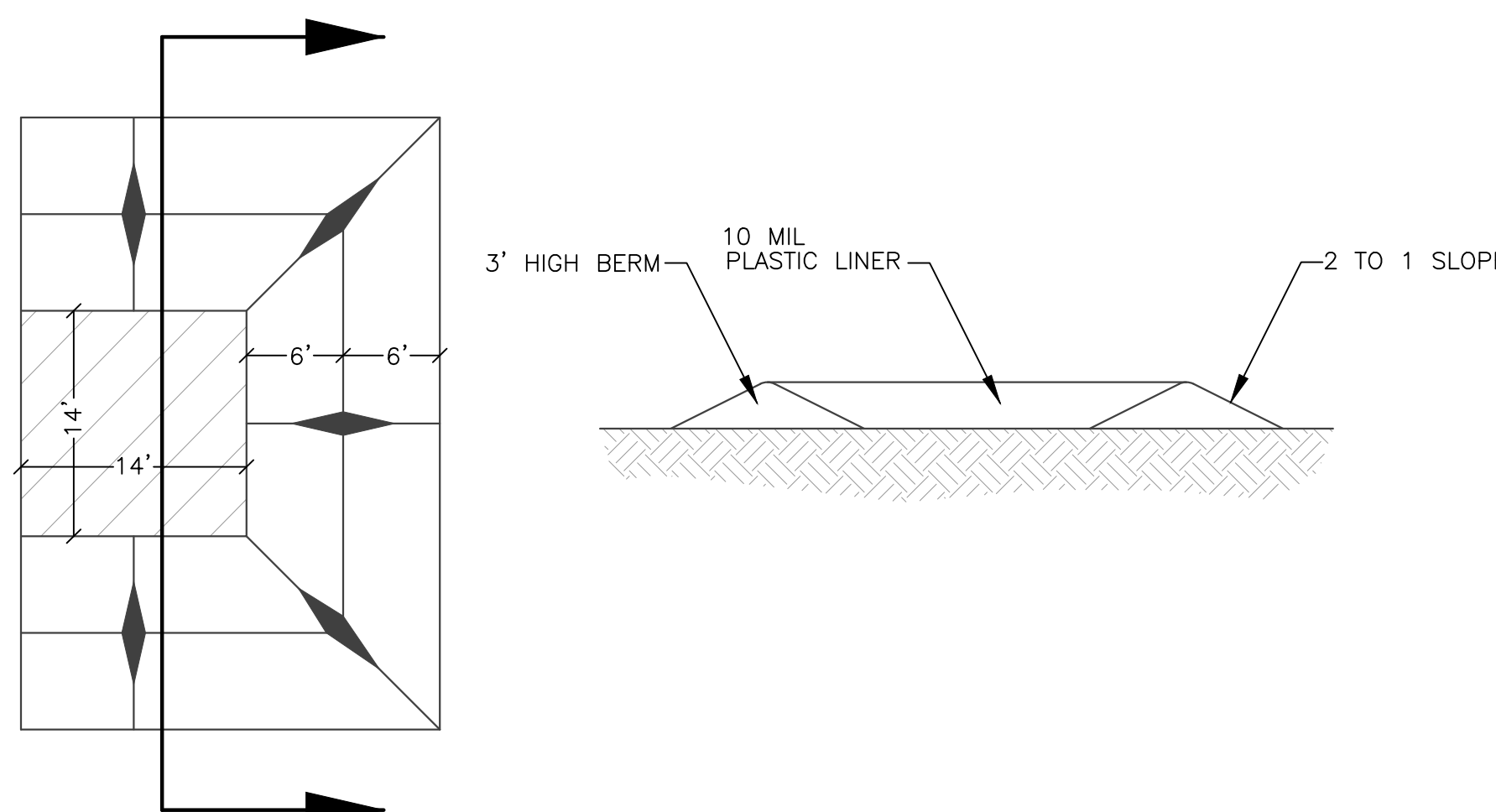


Figure 1: Top View of Roll-to-Roll Connection

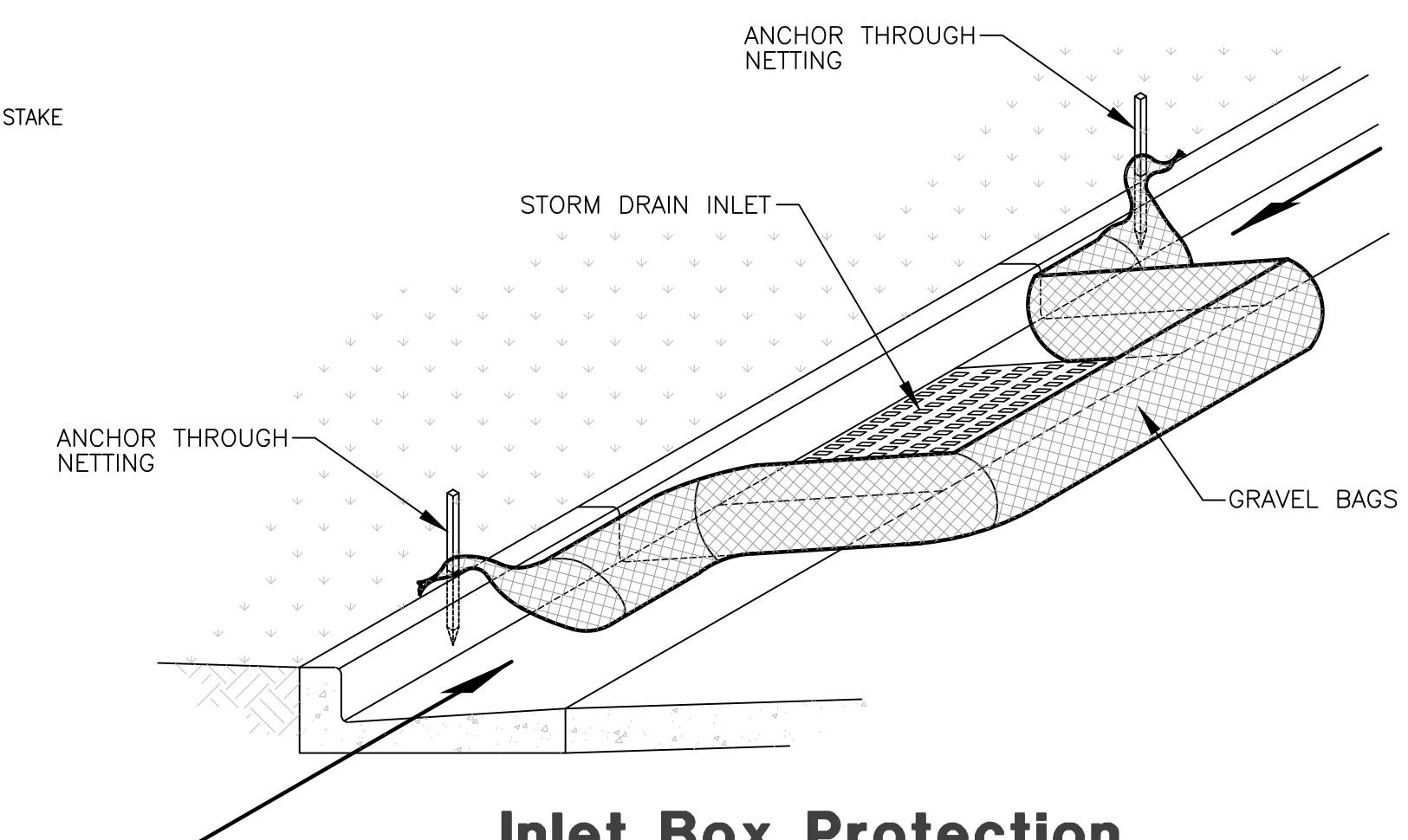
**Silt Fence Detail**

SCALE: NONE

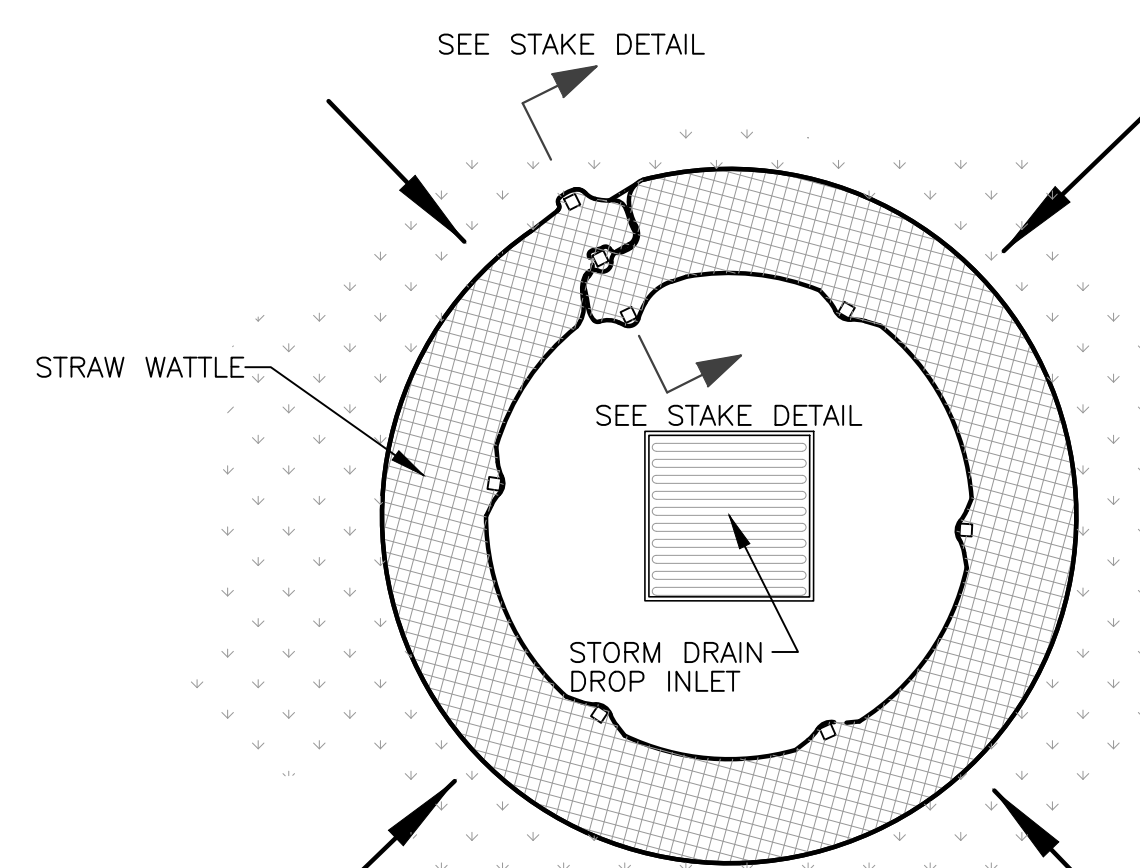


**Concrete Washout Area w/ 10 mil Plastic Liner**

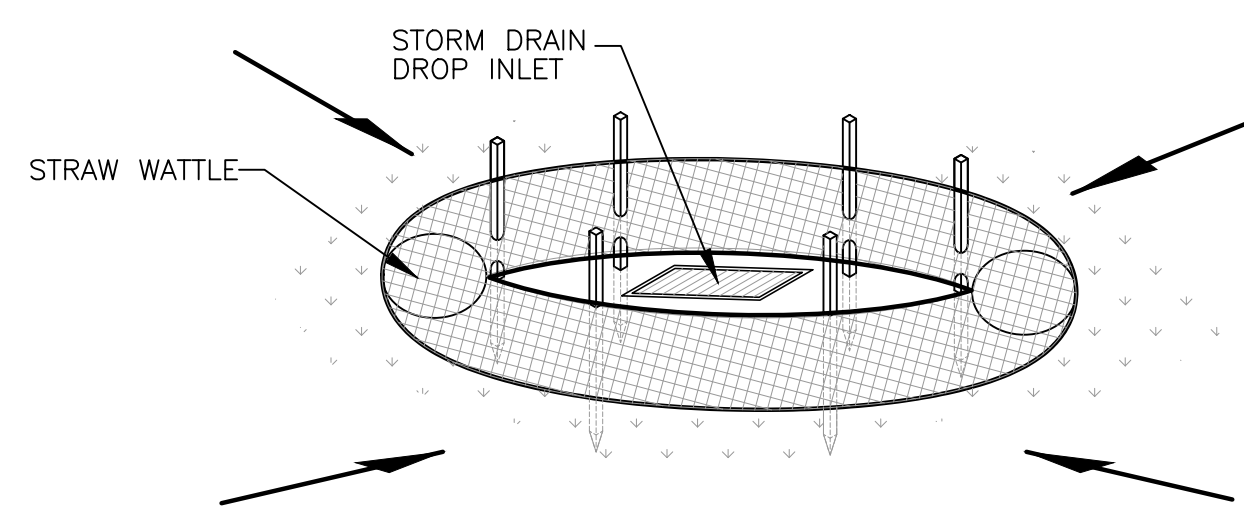
SCALE: NONE



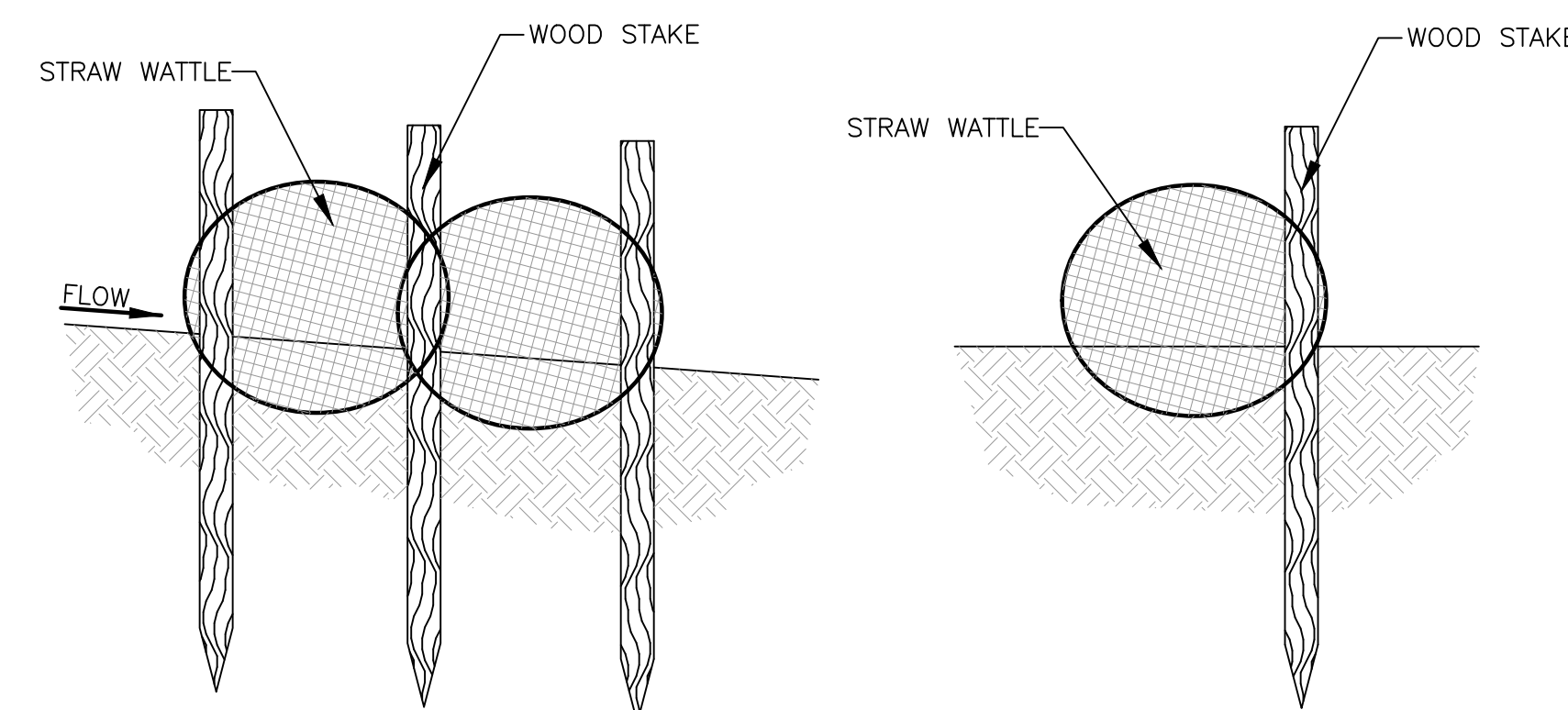
**Inlet Box Protection**



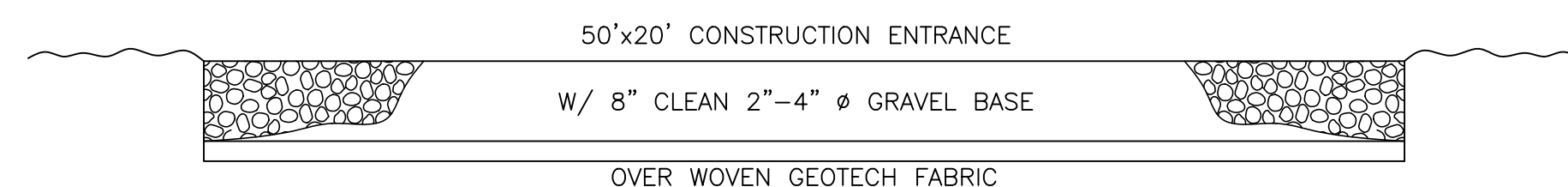
**Plan View**



**Drop Inlet Protection**



**Stake Detail**



**Cross Section 50' x 20' Construction Entrance**

**Reeve & Associates, Inc.**  
 5160 SOUTH 1500 WEST, RIVERDALE, UTAH 84405  
 LAND SURVEYORS • CIVIL ENGINEERS • LAND SURVEYING  
 TRAFFIC ENGINEERS • STRUCTURAL ENGINEERS • LANDSCAPE ARCHITECTS

REVISIONS	DATE	DESCRIPTION
	08.01.2023	NE County Comments
	08.07.2023	NE Irr. & Wtr. Comm.
	12.13.2023	NE Utility Outfall
	02.27.2024	NE JUB Comments
	03.14.2024	NE City Comments

**Anselmi Acres Subdivision**  
 WEBER COUNTY, UTAH  
**Storm Water Pollution Prevention Plan Details**



**Project Info.**

Engineer:	J. NATE REEVE, P.E.
Drafter:	N. FICKLIN
Begin Date:	MAY, 2023
Name:	ANSELMI ACRES SUBDIVISION
Number:	7152-19