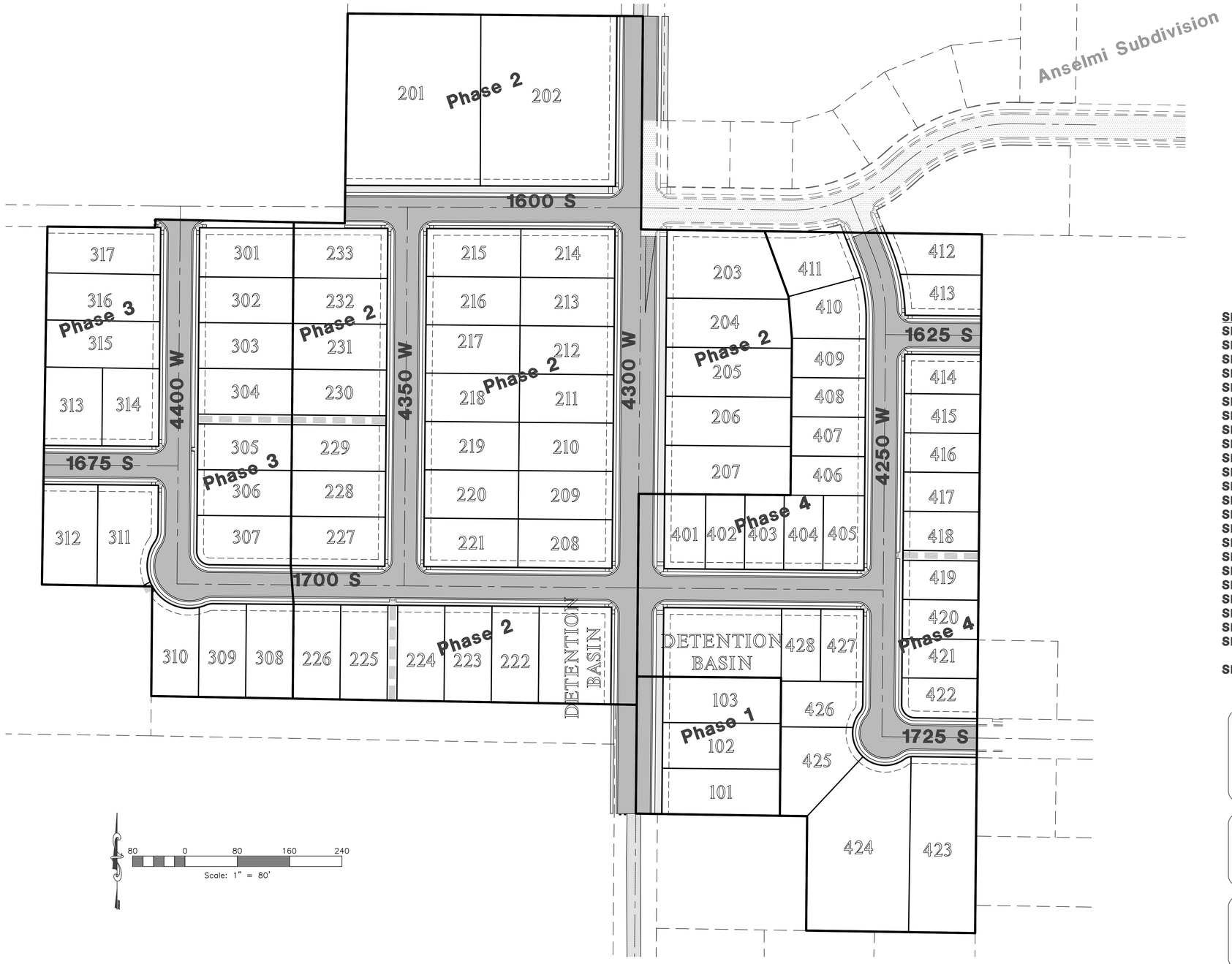
Project Narrative/Notes/Revisions

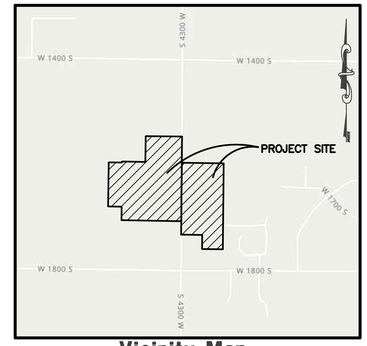
1. 01/24/2024 NF – COMPLETED DESIGN FOR CLIENT & CITY REVIEW.
2. 02/15/2024 NF – REVISED PER TWWWD COMMENTS
3. 02/28/2024 NF – REVISED PER GE COMMENTS.
4. 03/21/2024 NF – REVISED PER GE COMMENTS.
5. 04/16/2024 NF – BACK OF LOT GRADES.

BRISTOL FARMS

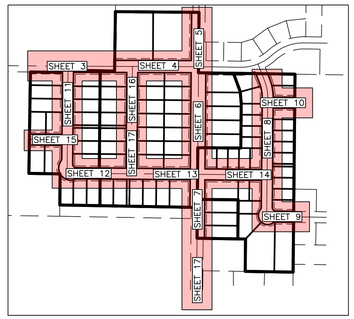
Improvement Plans

WEBER COUNTY, UTAH
NOVEMBER, 2023





Vicinity Map
NOT TO SCALE



Sheet Index Key Map
NOT TO SCALE

Sheet Index

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.

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REVISIONS

DATE		DESCRIPTION
02/15/24	NF	TWWWD Comments
02/28/24	NF	GE Comments
03/21/24	NF	GE Comments
04/16/24	NF	Lot Grades

Bristol Farms
WEBER COUNTY, UTAH

Cover/Index Sheet

REGISTERED PROFESSIONAL ENGINEER
6338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

1
24 Total 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, 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, CONTRACTOR MUST CONTACT DESIGN ENGINEER FOR DIRECTION.
2. CONTRACTOR TO STRICTLY FOLLOW GEOTECHNICAL RECOMMENDATIONS FOR THIS PROJECT. ALL GRADING INCLUDING BUT NOT LIMITED TO CUT, FILL, COMPACTION, ASPHALT SECTION, SUBBASE, TRENCH EXCAVATION/BACKFILL, SITE GRUBBING, RETAINING WALLS AND FOOTINGS MUST BE COORDINATED DIRECTLY WITH THE PROJECT GEOTECHNICAL ENGINEER.
3. TRAFFIC CONTROL, STRIPING & SIGNAGE TO CONFORM TO CURRENT GOVERNING AGENCIES TRANSPORTATION ENGINEER'S MANUAL AND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
4. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER.
5. CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
6. AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAWCUT TO A CLEAN, SMOOTH EDGE.
7. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY GUIDELINES.
8. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED THOROUGHLY REVIEWED PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
9. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND NOTIFYING ENGINEER OR INSPECTING AUTHORITY 48 HOURS IN ADVANCE OF COVERING UP ANY PHASE OF CONSTRUCTION REQUIRING OBSERVATION.
10. ANY WORK IN THE PUBLIC RIGHT–OF–WAY WILL REQUIRE PERMITS FROM THE APPROPRIATE CITY, COUNTY OR STATE AGENCY CONTROLLING THE ROAD, INCLUDING OBTAINING REQUIRED INSPECTIONS.
11. ALL DIMENSIONS, GRADES & UTILITY DESIGNS SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES.
12. CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING AND BRING UP ANY QUESTIONS BEFOREHAND.
13. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH BY THE GEOTECHNICAL ENGINEER.
14. CATCH SLOPES SHALL BE GRADED AS SPECIFIED ON GRADING PLANS.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FLAGGING, CAUTION SIGNS, LIGHTS, BARRICADES, FLAGMEN, AND ALL OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
16. CONTRACTOR SHALL, AT THE TIME OF BIDDING AND THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED AND SHALL BE BONDABLE FOR AN AMOUNT EQUAL TO OR GREATER THAN THE AMOUNT BID AND TO DO THE TYPE OF WORK CONTEMPLATED IN THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PLANS AND SPECIFICATIONS.
17. CONTRACTOR SHALL INSPECT THE SITE OF THE WORK PRIOR TO BIDDING TO SATISFY HIMSELF BY PERSONAL EXAMINATION OR BY SUCH OTHER MEANS AS HE MAY PREFER OF THE LOCATIONS OF THE PROPOSED WORK AND OF THE ACTUAL CONDITIONS OF AND AT THE SITE OF WORK. IF, DURING THE COURSE OF HIS EXAMINATION, A BIDDER FINDS FACTS OR CONDITIONS WHICH APPEAR TO HIM TO BE IN CONFLICT WITH THE LETTER OR SPIRIT OF THE PROJECT PLANS AND SPECIFICATIONS, HE SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION AND EXPLANATION BEFORE SUBMITTING HIS BID. SUBMISSION OF A BID BY THE CONTRACTOR SHALL CONSTITUTE ACKNOWLEDGMENT THAT, IF AWARDED THE CONTRACT, HE HAS RELIED AND IS RELYING ON HIS OWN EXAMINATION OF (1) THE SITE OF THE WORK, (2) ACCESS TO THE SITE, AND (3) ALL OTHER DATA AND MATTERS REQUISITE TO THE FULFILLMENT OF THE WORK AND ON HIS OWN KNOWLEDGE OF EXISTING FACILITIES ON AND IN THE VICINITY OF THE SITE OF THE WORK TO BE CONSTRUCTED UNDER THIS CONTRACT. THE INFORMATION PROVIDED BY THE ENGINEER IS NOT INTENDED TO BE A SUBSTITUTE FOR, OR A SUPPLEMENT TO, THE INDEPENDENT VERIFICATION BY THE CONTRACTOR TO THE EXTENT SUCH INDEPENDENT INVESTIGATION OF SITE CONDITIONS IS DEEMED NECESSARY OR DESIRABLE BY THE CONTRACTOR. CONTRACTOR SHALL ACKNOWLEDGE THAT HE HAS NOT RELIED SOLELY UPON OWNER– OR ENGINEER–FURNISHED INFORMATION REGARDING SITE CONDITIONS IN PREPARING AND SUBMITTING HIS BID.
18. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTOR'S USE DURING CONSTRUCTION.
19. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER, ENGINEER, AND/OR GOVERNING AGENCIES.
20. CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
21. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE 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. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RE–TESTING AND/OR RE–INSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.
23. IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING OR REPAIRING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND/OR REPLACEMENT. THERE WILL BE NO EXTRA COST DUE TO THE CONTRACTOR FOR REPLACING OR REPAIRING EXISTING IMPROVEMENTS.
24. WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.
25. CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL–SIZE AS–BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES. AS–BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER ONE SET OF NEATLY MARKED AS–BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS–BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS–BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
26. WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE HIGHEST QUALITY ARE TO BE USED.
27. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PROJECT PLANS AND SPECIFICATIONS. THEREFORE, THE OWNER IS RELYING UPON THE EXPERIENCE AND EXPERTISE OF THE CONTRACTOR. PRICES PROVIDED WITHIN THE CONTRACT DOCUMENTS SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THE TRUE INTENT AND PURPOSE OF THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE COMPETENT, KNOWLEDGEABLE AND HAVE SPECIAL SKILLS IN THE NATURE, EXTENT AND INHERENT CONDITIONS OF THE WORK TO BE PERFORMED. CONTRACTOR SHALL ALSO ACKNOWLEDGE THAT THERE ARE CERTAIN PECULIAR AND INHERENT CONDITIONS EXISTENT IN THE CONSTRUCTION OF THE PARTICULAR FACILITIES WHICH MAY CREATE, DURING THE CONSTRUCTION PROGRAM, UNUSUAL OR UNSAFE CONDITIONS HAZARDOUS TO PERSONS, PROPERTY AND THE ENVIRONMENT. CONTRACTOR SHALL BE AWARE OF SUCH PECULIAR RISKS AND HAVE THE SKILL AND EXPERIENCE TO FORESEE AND TO ADOPT PROTECTIVE MEASURES TO ADEQUATELY AND SAFELY PERFORM THE CONSTRUCTION WORK WITH RESPECT TO SUCH HAZARDS.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL STRIPING AND/OR PAVEMENT MARKINGS NECESSARY TO TIE EXISTING STRIPING INTO FUTURE STRIPING. METHOD OF REMOVAL SHALL BE BY GRINDING OR SANDBLASTING.
29. CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 4 FEET OR MORE. FOR EXCAVATIONS 4 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH LOCAL, STATE AND NATIONAL SAFETY CODES, ORDINANCES. OR REQUIREMENTS FOR EXCAVATION AND TRENCHES.
30. ALL EXISTING GATES AND FENCES TO REMAIN UNLESS OTHERWISE NOTED ON PLANS. PROTECT ALL GATES AND FENCES FROM DAMAGE.

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. THE CONTRACTOR SHALL RECORD THE BLUE STAKES ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER AND ENGINEER PRIOR TO ANY EXCAVATION. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DIRECTLY CONTACT ANY OTHER UTILITY COMPANIES THAT ARE NOT MEMBERS OF BLUE STAKES. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT.
3. CONTRACTOR SHALL POT HOLE ALL UTILITIES TO DETERMINE IF CONFLICTS EXIST PRIOR TO BEGINNING ANY EXCAVATION. NOTIFY ENGINEER OF ANY CONFLICTS. CONTRACTOR SHALL VERIFY LOCATION AND INVERTS OF EXISTING UTILITIES TO WHICH NEW UTILITIES WILL BE CONNECTED. PRIOR TO COMMENCING ANY EXCAVATION WORK THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE REQUIRED PROCEDURES.
4. CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT HIS EXPENSE.
5. ALL VALVES AND MANHOLE COVERS SHALL BE RAISED OR LOWERED TO MEET FINISHED GRADE.
6. CONTRACTOR SHALL CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX OR MANHOLE.
7. CONTRACTOR SHALL GROUT AT CONNECTION OF PIPE TO BOX WITH NON–SHRINKING GROUT, INCLUDING PIPE VOIDS LEFT BY CUTTING PROCESS, TO A SMOOTH FINISH.
8. CONTRACTOR SHALL GROUT WITH NON–SHRINK GROUT BETWEEN GRADE RINGS AND BETWEEN BOTTOM OF INLET LID FRAME AND TOP OF CONCRETE BOX
9. SILT AND DEBRIS IS TO BE CLEANED OUT OF ALL STORM DRAIN BOXES. CATCH BASINS ARE TO BE MAINTAINED IN A CLEANED CONDITION AS NEEDED UNTIL AFTER THE FINAL BOND RELEASE INSPECTION.
10. CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES TO ALLOW ACCESS.
11. EACH TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND GRADE AS REQUIRED. THE TRENCH WALL SHALL BE SO BRACED THAT THE WORKMEN MAY WORK SAFELY AND EFFICIENTLY. ALL TRENCHES SHALL BE DRAINED SO THE PIPE LAYING MAY TAKE PLACE IN DE–WATERED CONDITIONS.
12. CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.
13. MAINTAIN A MINIMUM 18" VERTICAL SEPARATION DISTANCE BETWEEN ALL UTILITY CROSSINGS.
14. CONTRACTOR SHALL START INSTALLATION AT LOW POINT OF ALL NEW GRAVITY UTILITY LINES.
15. ALL BOLTED FITTINGS MUST BE GREASED AND WRAPPED.
16. UNLESS SPECIFICALLY NOTED OTHERWISE, MAINTAIN AT LEAST 2 FEET OF COVER OVER ALL STORM DRAIN LINES AT ALL TIMES (INCLUDING DURING CONSTRUCTION).
17. ALL CULINARY WATER FACILITIES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH TAYLOR–WEST WEBER WATER IMPROVEMENT DISTRICT STANDARD DETAILS AND SPECIFICATIONS, AVAILABLE UPON REQUEST TO RYAN@TAYLORWESTWEBERWATER.COM OR 801.731.1668. THE DISTRICT SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO ANY PRECONSTRUCTION MEETINGS OR CONSTRUCTION ACTIVITY.
18. CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL NONMETALLIC PIPE.

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.

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 USE 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:

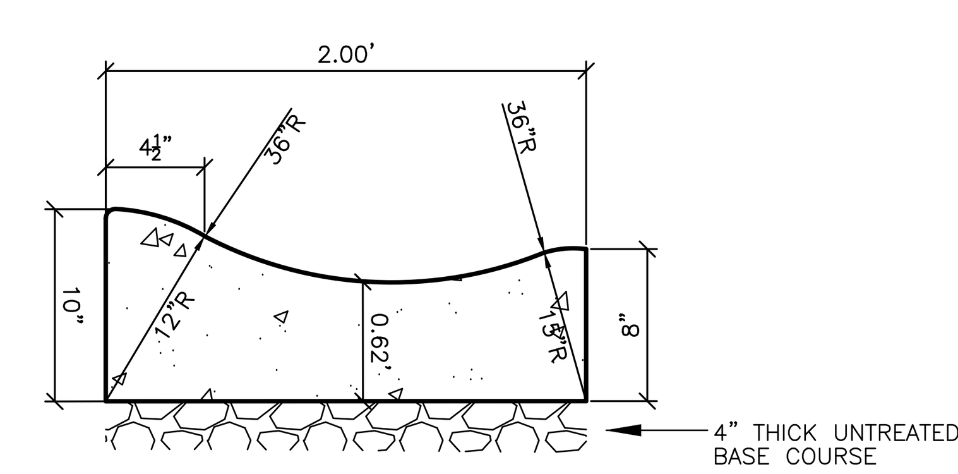
ANY EXPOSED SLOPE THAT WILL REMAIN UNTOUCHED FOR LONGER THAN 14 DAYS MUST BE STABILIZED BY ONE OR MORE OF THE FOLLOWING METHODS:
A) SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED
B) TRACKING STRAW PERPENDICULAR TO SLOPES
C) INSTALLING A LIGHT–WEIGHT, TEMPORARY EROSION CONTROL BLANKET

Street Section Notes:

- STREETS HEADING IN A 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.

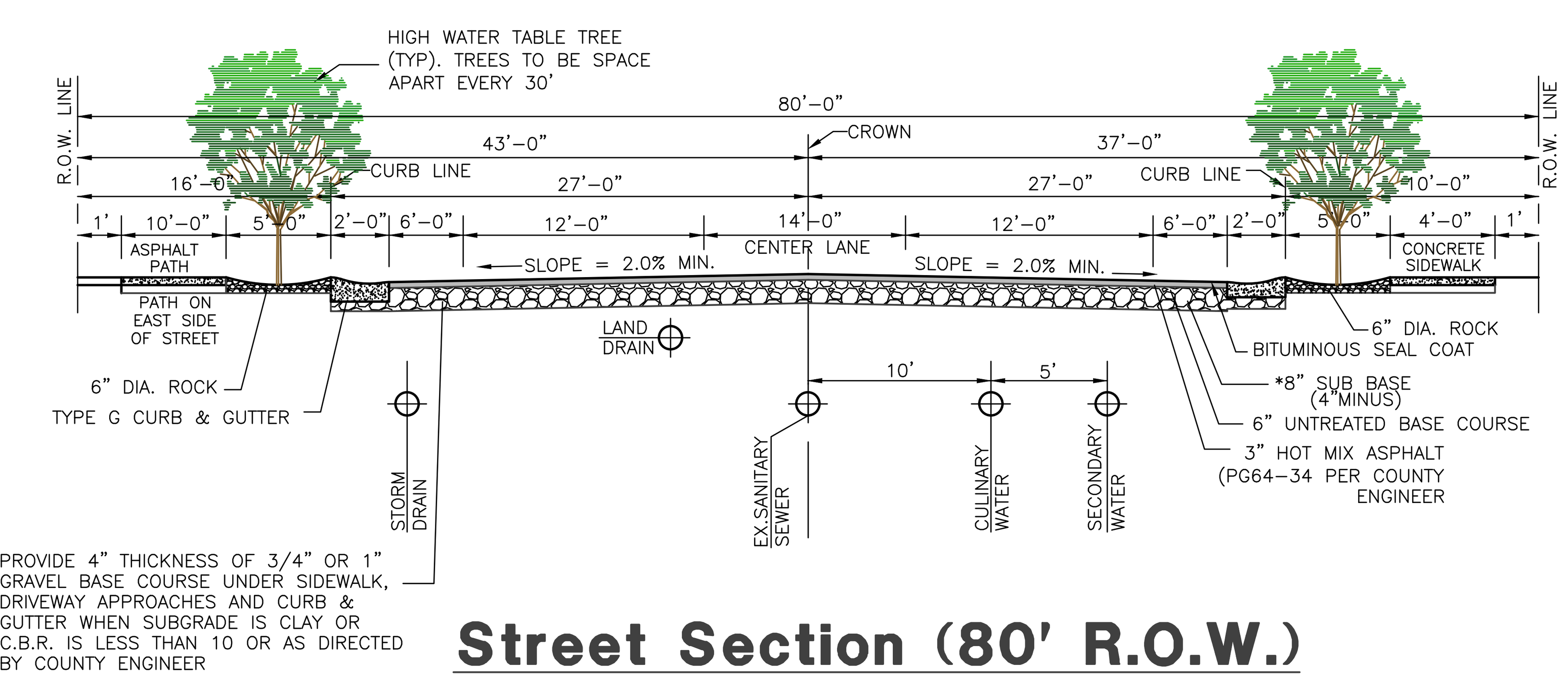
Legend

Symbol	Description
SW LAT	= PROPOSED SECONDARY WATER LATERAL
LD LAT	= PROPOSED LAND DRAIN LATERAL
W LAT	= PROPOSED WATER LATERAL
SS LAT	= PROPOSED SEWER LATERAL
W/8	= PROPOSED CULINARY WATER LINE
EX.W	= EXISTING CULINARY WATER LINE
SW/8	= PROPOSED SECONDARY WATER LINE
EX.SW	= EXISTING SECONDARY WATER LINE
SS/8	= PROPOSED SANITARY SEWER LINE
EX.SS	= EXISTING SANITARY SEWER LINE
SD/15	= PROPOSED STORM DRAIN LINE
EX.SD	= EXISTING STORM DRAIN LINE
LD/8	= PROPOSED LAND DRAIN LINE
EX.LD	= EXISTING LAND DRAIN LINE
IRR/18	= PROPOSED IRRIGATION LINE
EX.IRR	= EXISTING IRRIGATION LINE
	= EXISTING FENCE LINE
	= PROPOSED FENCE LINE
	= DRAINAGE SWALE
OHP	= OVERHEAD POWER LINE
	= PROPOSED FIRE HYDRANT
	= EXISTING FIRE HYDRANT
	= PROPOSED MANHOLE
	= EXISTING MANHOLE
	= PROPOSED SEWER CLEAN-OUT
	= PROPOSED GATE VALVE
	= EXISTING GATE VALVE
	= PLUG & BLOCK
	= AIR VAC ASSEMBLY
	= DUAL SECONDARY METER
	= PROPOSED WATER METER
	= EXISTING WATER METER
	= PROPOSED REDUCER
	= EXISTING REDUCER
	= PROPOSED CATCH BASIN
	= EXISTING CATCH BASIN
	= PLUG W/ 2" BLOW-OFF
	= STREET LIGHT
	= SIGN
	= POWER POLE
BFE	= BASEMENT FLOOR ELEVATION
BLDG	= BUILDING
BOS	= BOTTOM OF STAIRS
BOW	= BOTTOM OF WALL
BP	= BEGINNING POINT
C&G	= CURB & GUTTER
CB	= CATCH BASIN
CF	= CUBIC FEET
CFS	= CUBIC FEET PER SECOND
EP	= ENDING POINT
FF	= FINISH FLOOR
FFE	= FINISH FLOOR ELEVATION
FG	= FINISHED GRADE
FH	= FIRE HYDRANT
FL	= FLOW LINE
GB	= GRADE BREAK
INV	= INVERT
LF	= LINEAR FEET
NG	= NATURAL GRADE
OHP	= OVERHEAD POWER
PC	= POINT OF CURVATURE
PP	= POWER/UTILITY POLE
PRC	= POINT OF RETURN CURVATURE
PT	= POINT OF TANGENCY
PUE	= PUBLIC UTILITY EASEMENT
RCP	= REINFORCED CONCRETE PIPE
RIM	= RIM OF MANHOLE
ROW	= RIGHT-OF-WAY
SD	= STORM DRAIN
SL	= STREET LIGHT
SS	= SANITARY SEWER
TBC	= TOP BACK OF CURB
TOA	= TOP OF ASPHALT
TOC	= TOP OF CONCRETE
TOFF	= TOP OF FINISHED FLOOR
TOS	= TOP OF STAIRS
TOW	= TOP OF WALL
TSW	= TOP OF SIDEWALK
UGP	= UNDERGROUND POWER
W	= CULINARY WATER
WM	= WATER METER
	= EXISTING ASPHALT PAVEMENT
	= PROPOSED ASPHALT PAVEMENT
	= PROPOSED CONCRETE
	= PROPOSED GRAVEL
4800	= EXISTING CONTOUR GRADE
4800	= PROPOSED CONTOUR GRADE



APWA Type "G" Curb

SCALE: NONE

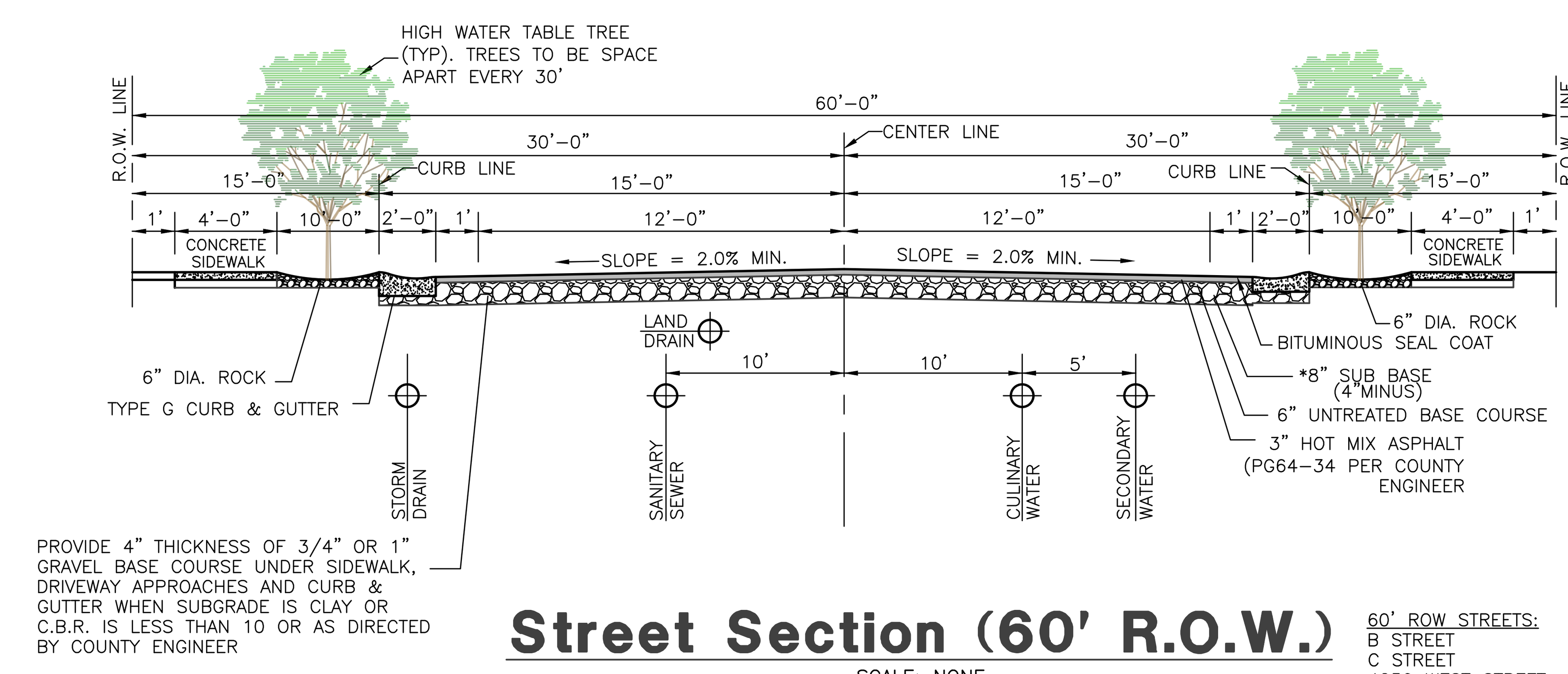


Street Section (80' R.O.W.)

SCALE: NONE

*VERIFY LOCATION WITH PHONE, GAS AND POWER COMPANIES.

80' ROW STREETS:
4300 WEST STREET

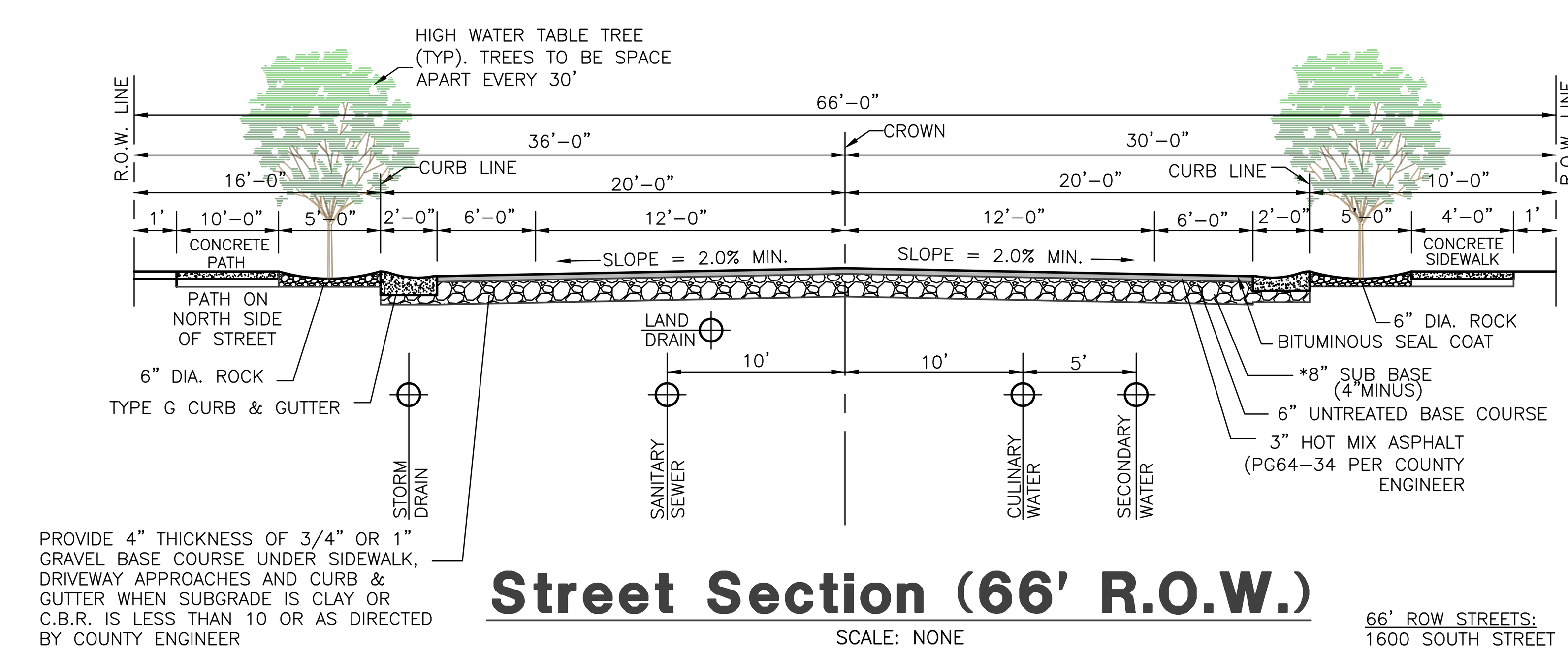


Street Section (60' R.O.W.)

SCALE: NONE

*VERIFY LOCATION WITH PHONE, GAS AND POWER COMPANIES.

60' ROW STREETS:
B STREET
C STREET
4250 WEST STREET
4350 WEST STREET
1700 SOUTH STREET



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

SCALE: NONE

*VERIFY LOCATION WITH PHONE, GAS AND POWER COMPANIES.

66' ROW STREETS:
1600 SOUTH STREET

Reeve & Associates, Inc.
5160 SOUTH 1500 WEST, RIVERDALE, UTAH 84405
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LAND PLANNERS * CIVIL ENGINEERS * LAND SURVEYORS
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REVISIONS

DATE		DESCRIPTION
02/15/24	NF	TWWWD Comments
02/28/24	NF	GE Comments
03/21/24	NF	GE Comments
04/16/24	NF	Lot Grades

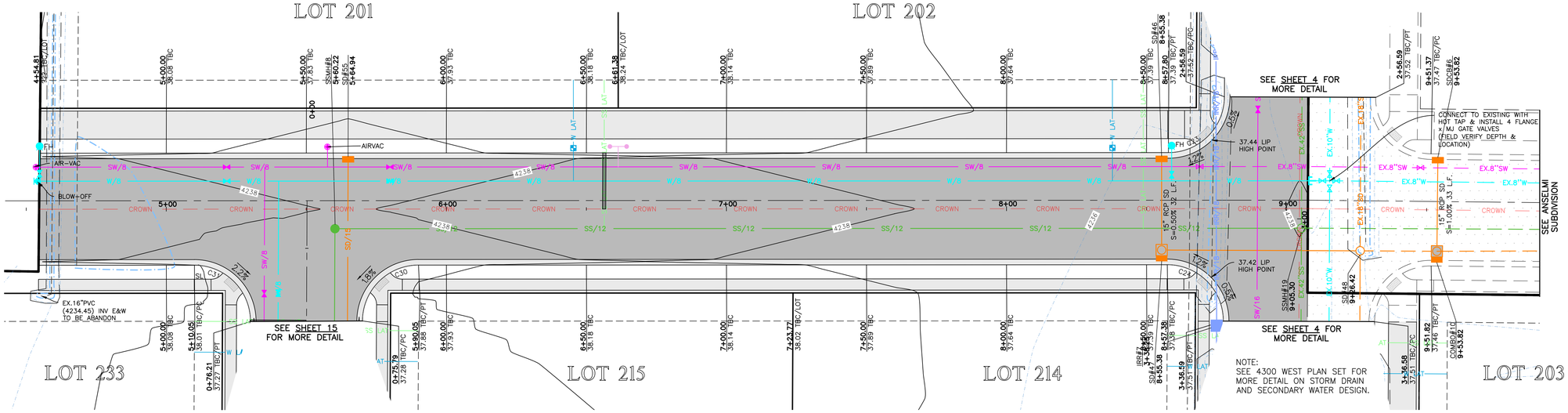
Bristol Farms

WEBER COUNTY, UTAH

Notes/Legend/ Street Cross-Section

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

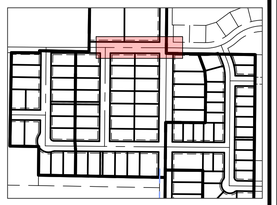
Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298–22



NOTE:
SEE 4300 WEST PLAN SET FOR MORE DETAIL ON STORM DRAIN AND SECONDARY WATER DESIGN.

Key Map

NOT TO SCALE



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3) SLEEVE SEWER WHEN 18" EDGE-EDGE VERTICAL CLEARANCE UNDER WATER CANNOT BE MAINTAINED
4) WHEN CONNECTING WATER TO EXISTING STUBS, CONNECTIONS TO EXISTING MUST BE SLEEVED.
5) DEPTH OF WATER TO BE 4' MIN. BELOW FINISHED GRADE.
6) PVC SLEEVES TO BE INSTALLED UNDER PATHWAY FOR SPRINKLER USE.
7) ALL EXISTING DITCHES THAT ARE BEING FILLED IN, MUST HAVE STRUCTURAL FILL IN ALL RIGHT-OF-WAY AND BUILDING FOOTPRINTS.

CULINARY WATER
NOTE: 4' MIN. COVER REQUIRED OVER CW LINES
W/8 – 8" DR-18 C900 PVC WATER LINE
W LAT – 1" CTS SDR9 HDPE SERVICE LATERAL

SANITARY SEWER
SS LAT – 4" PVC SDR-35 SERVICE LATERAL
SS/8 – 8" PVC SDR-35 SEWER LINE

STORM DRAIN
SD/15 – 15" RCP CLASS III STORM DRAIN
SD/18 – 18" RCP CLASS III STORM DRAIN
SD/24 – 24" RCP CLASS III STORM DRAIN
SD/30 – 30" RCP CLASS III STORM DRAIN
SD/36 – 36" RCP CLASS III STORM DRAIN

SECONDARY WATER
SW/8 – 8" PVC C-900 DR-14 SECONDARY WATER LINE
SW LAT – SECONDARY SERVICE LATERAL PER CITY STANDARDS

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

TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C23	89°41'57"	20.00'	31.31'	19.90'	N45°21'32"E	28.21'
C24	90°18'03"	20.00'	31.52'	20.11'	N44°38'28"W	28.36'
C30	89°41'57"	20.00'	31.31'	19.90'	S45°21'32"W	28.21'
C31	90°18'03"	20.00'	31.52'	20.11'	N44°38'28"W	28.36'

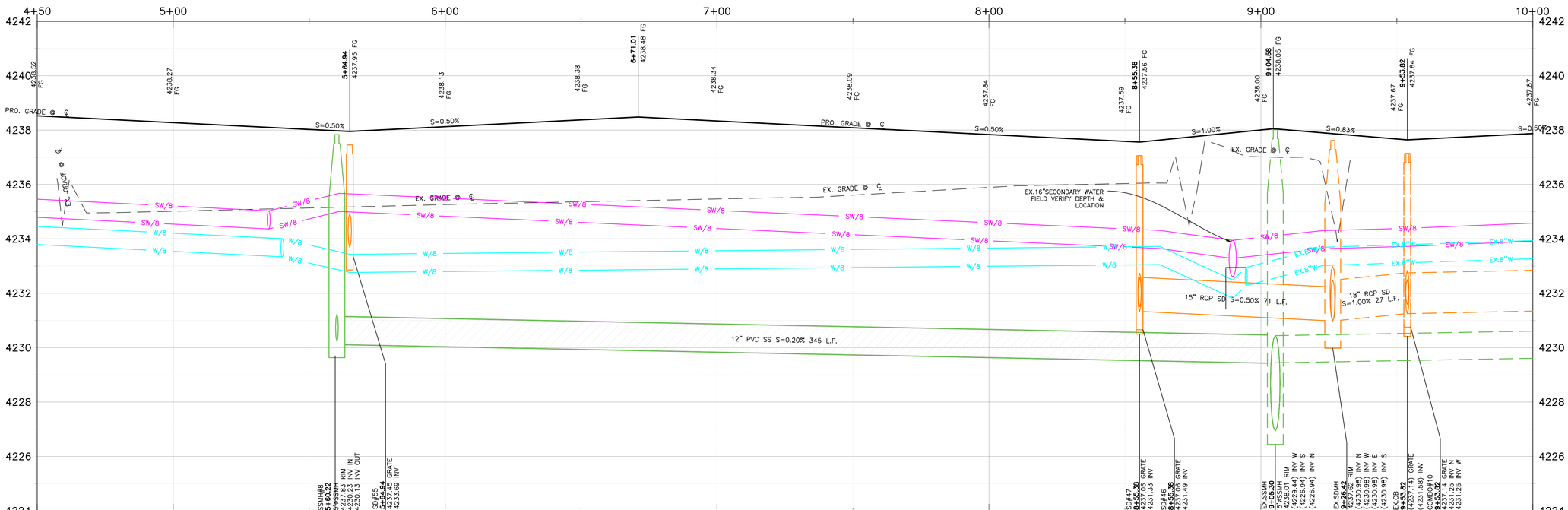
Hatch Legend

- = PROPOSED ASPHALT PAVEMENT
- = PROPOSED CONCRETE
- = PROPOSED 20' UTILITY SLEEVE
- = EXISTING ASPHALT PAVEMENT
- = PROPOSED 10' TRAIL

1600 South 4+50.00 - 9+30.00

20 0 20 40 60

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 2'



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REVISIONS
DESCRIPTION	DATE	
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GE Comments	02/28/24	NF
GE Comments	03/21/24	NF
Lot Grades	04/16/24	NF

Bristol Farms
WEBER COUNTY, UTAH

1600 South 4+50.00 - 9+30.00

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

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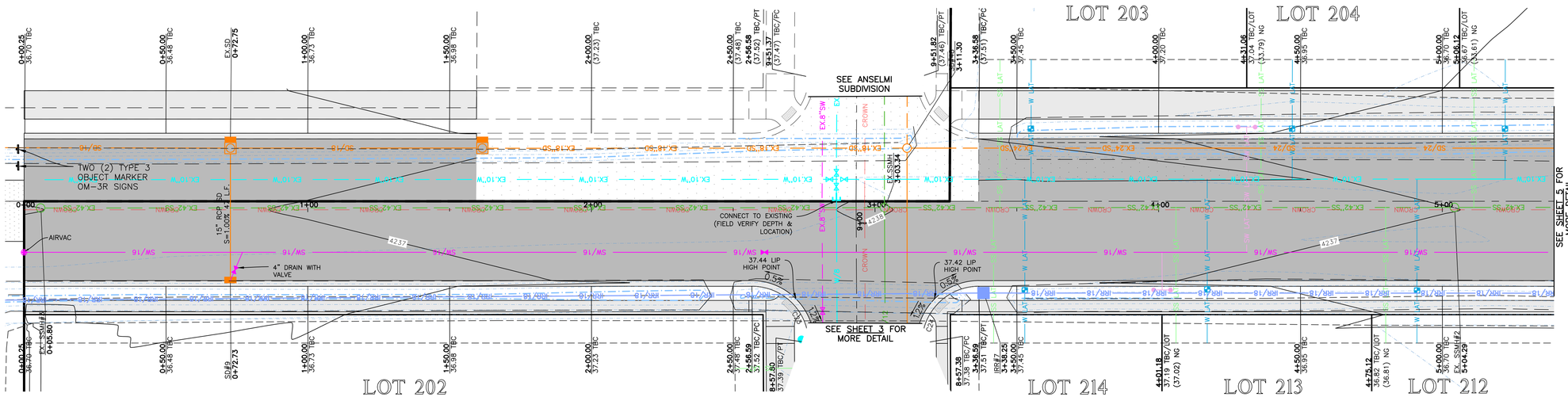

NOTE:
1. SEE 4300 WEST PLAN SET FOR MORE DETAIL ON STORM DRAIN AND SECONDARY WATER DESIGN.
2. CONTRACTOR TO RAISE EXISTING RIMS AND CATCH BASIN ALONG 4300 WEST.
3. EXISTING WATER MAIN TO BE LOOPED AS REQUIRED PER INSTALLATION OF STORM DRAIN.

4300 West 0+00.00 - 5+00.00

20 0 20 40 60

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 2'

TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
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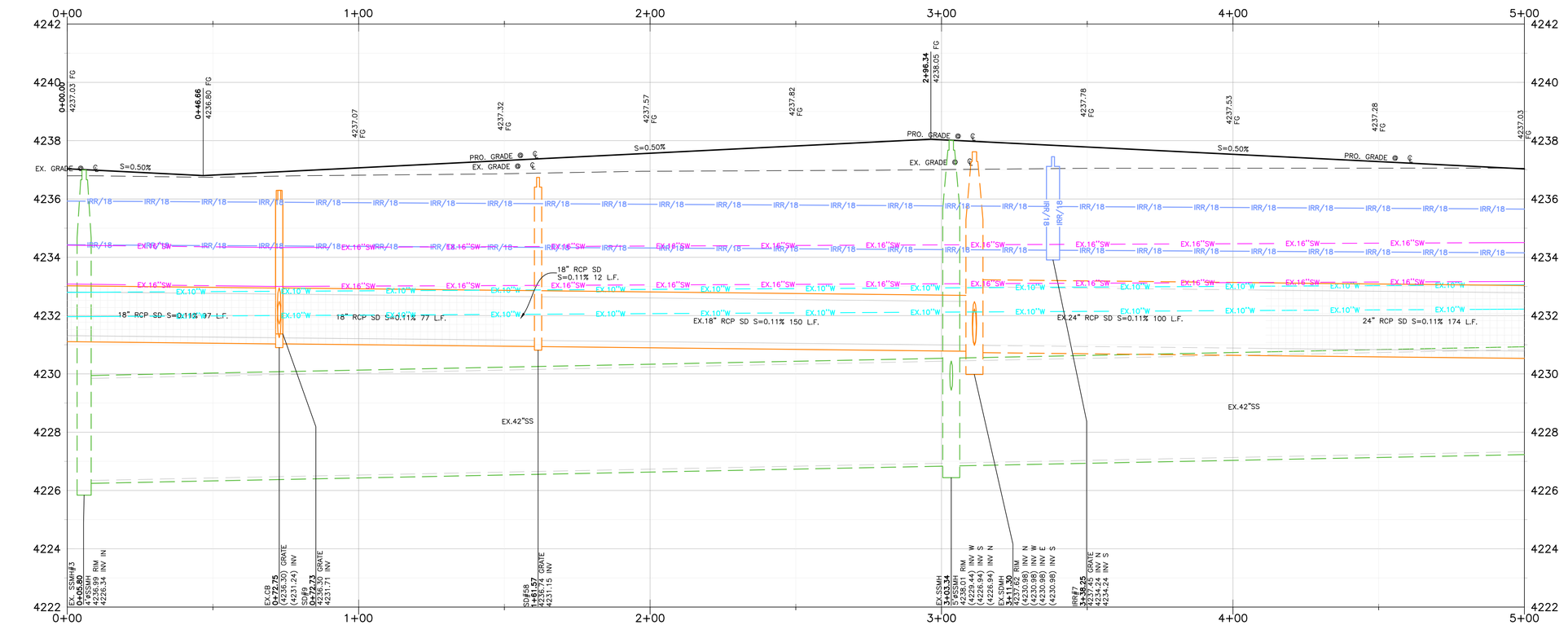

Key Map

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Hatch Legend

- = PROPOSED ASPHALT PAVEMENT
- = PROPOSED CONCRETE
- = PROPOSED 20' UTILITY SLEEVE
- = EXISTING ASPHALT PAVEMENT
- = PROPOSED 10' TRAIL

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REVISIONS

DESCRIPTION	DATE
TWWID Comments	02/15/24 NF
GE Comments	02/28/24 NF
GE Comments	03/21/24 NF
Lot Grades	04/16/24 NF

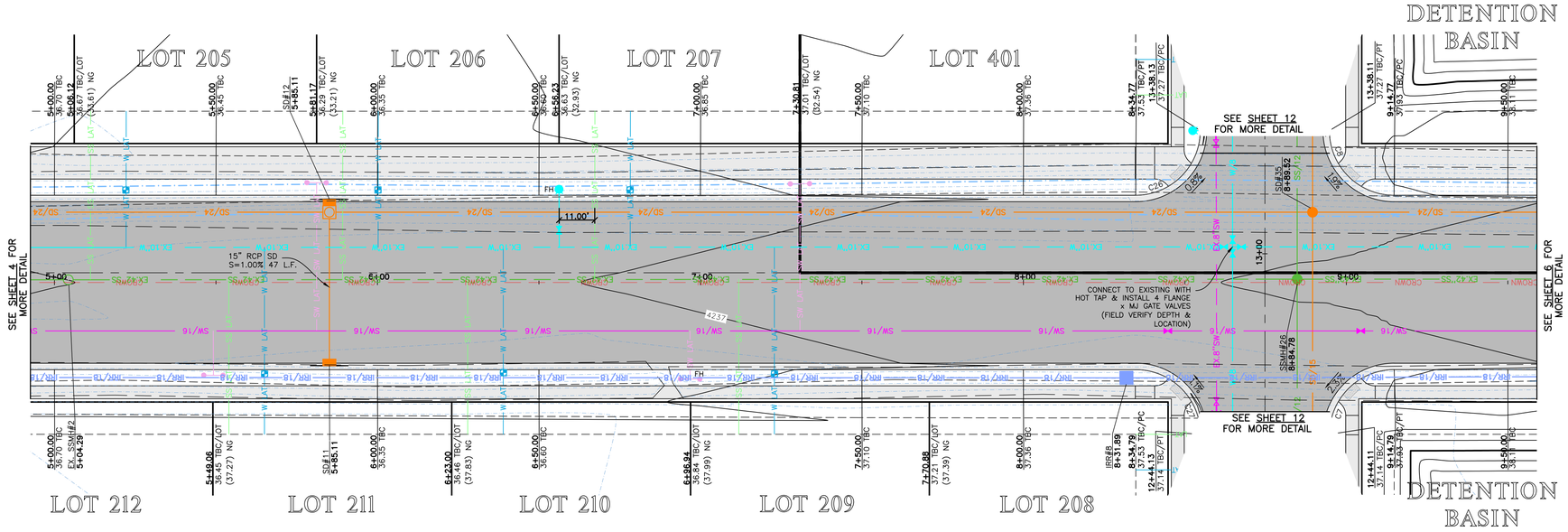
Bristol Farms
WEBER COUNTY, UTAH

4300 West 0+00.00 - 5+00.00

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

4
24 Total Sheets



4300 West 5+00.00 - 9+50.00

Horizontal Scale: 1" = 20'
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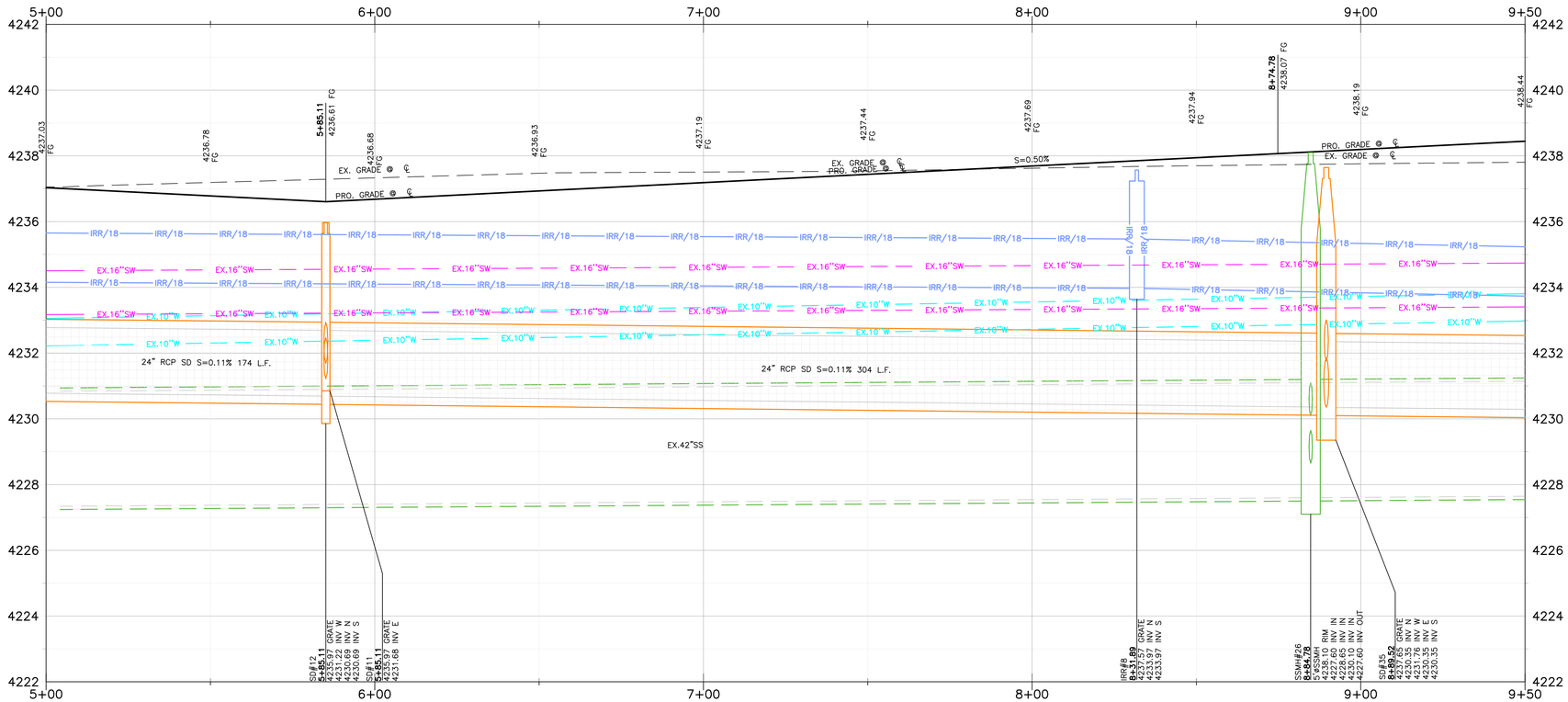
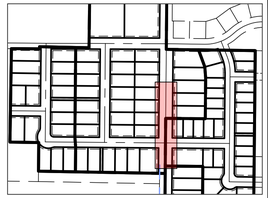
TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C7	90°00'52"	20.00'	31.42'	20.01'	N44°29'52"W	28.29'
C8	89°59'08"	20.00'	31.41'	19.99'	S45°30'08"W	28.28'
C26	90°00'52"	20.00'	31.42'	20.01'	S44°29'52"E	28.29'
C27	89°59'08"	20.00'	31.41'	19.99'	N45°30'08"E	28.28'



Key Map

NOT TO SCALE



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REVISIONS
DESCRIPTION	DATE	
TWWID Comments	02/15/24	NF
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GE Comments	03/21/24	NF
Lot Grades	04/16/24	NF

Bristol Farms
WEBER COUNTY, UTAH

4300 West 5+00.00 - 9+50.00

REGISTERED PROFESSIONAL ENGINEER
6338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

5
24 Total Sheets

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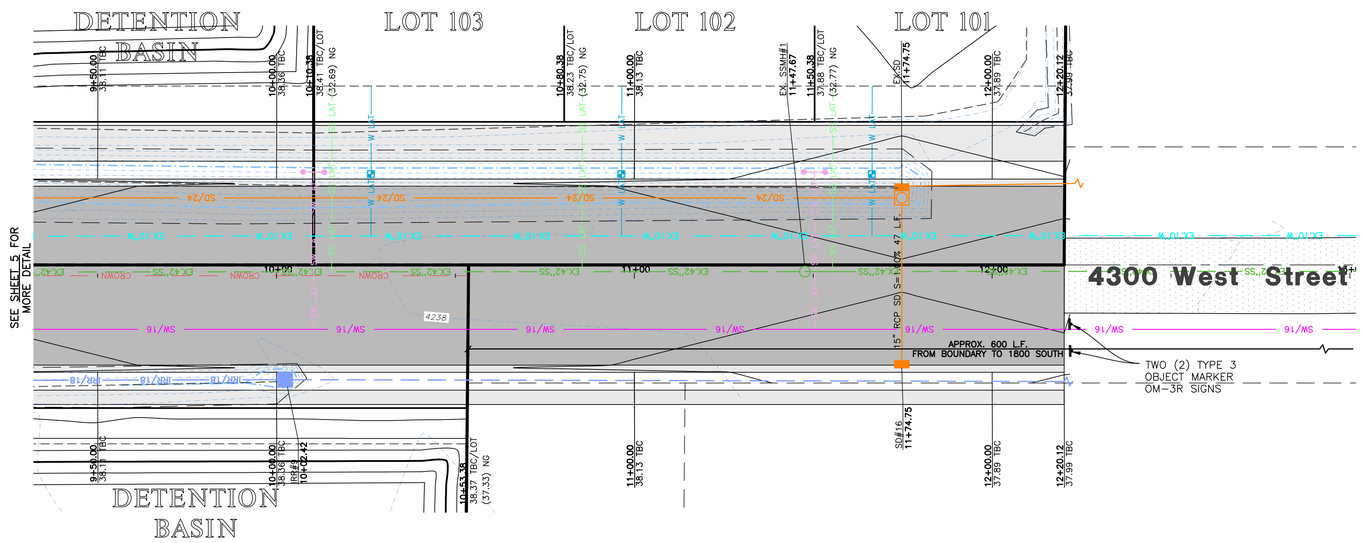

4300 West 9+50.00 - 12+20.00

20 0 20 40 60

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NOTE:
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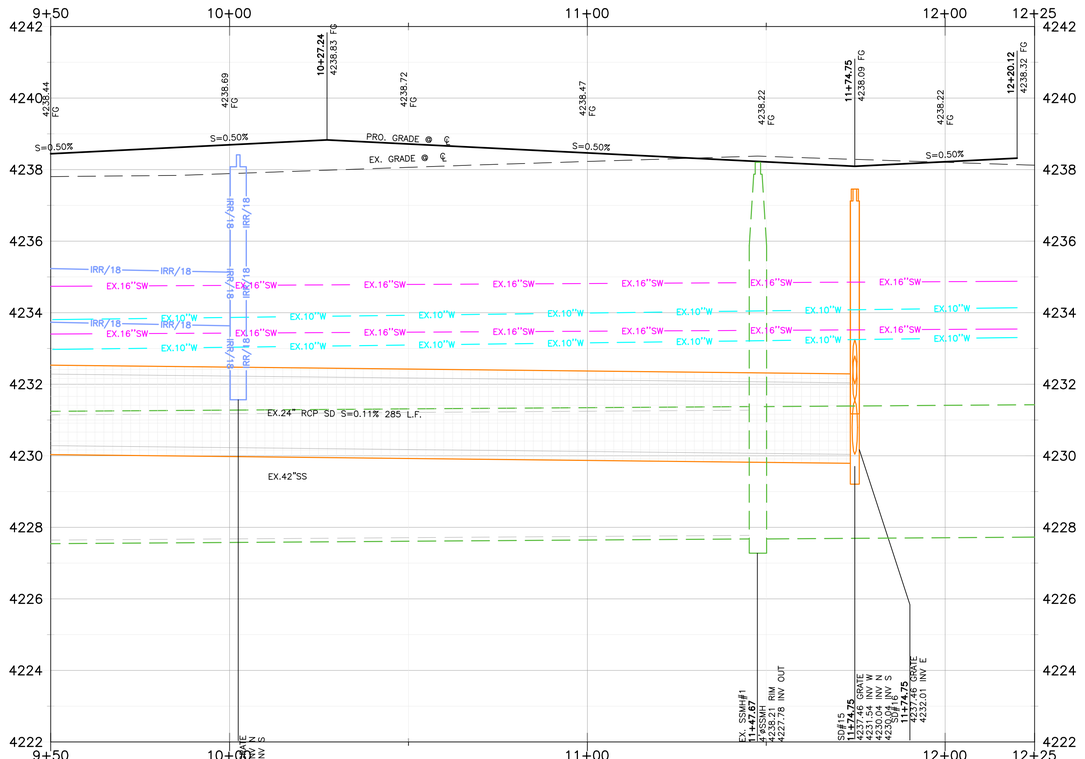

Key Map

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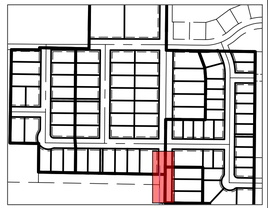

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Bristol Farms
WEBER COUNTY, UTAH

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REGISTERED PROFESSIONAL ENGINEER
5338480
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04/17/2024
STATE OF UTAH

Project Info.
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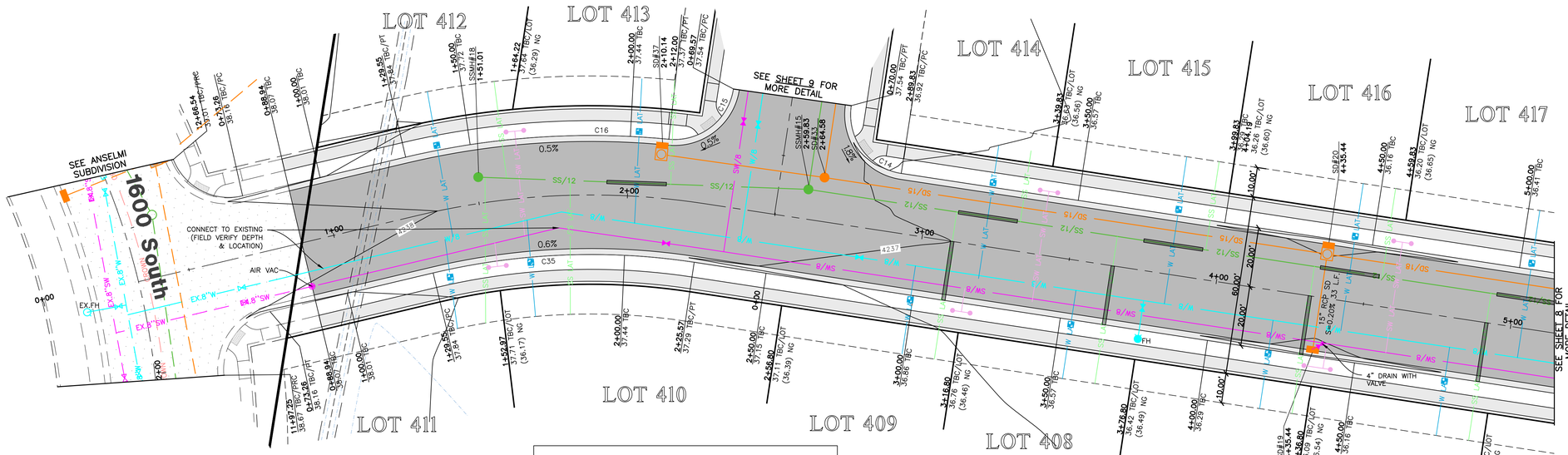

TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C14	90°00'00"	20.00'	31.42'	20.00'	S45°30'34"W	28.28'
C15	86°53'24"	20.00'	30.33'	18.94'	S46°02'44"E	27.51'
C16	18°53'44"	270.00'	89.04'	44.93'	N12°02'54"W	88.64'
C35	22°00'20"	230.00'	88.34'	44.72'	N10°29'36"W	87.79'

4250 West 0+00.00 - 4+50.00

20 0 20 40 60

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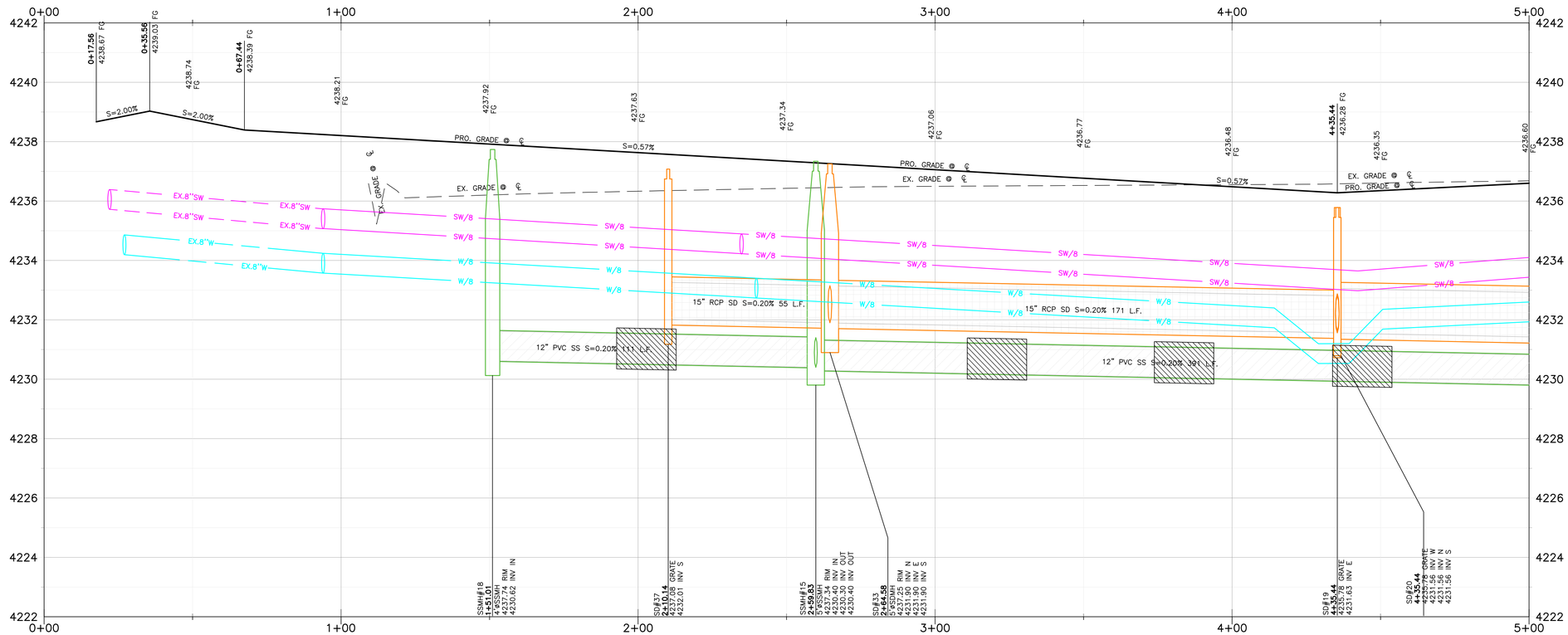

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SD/24 – 24" RCP CLASS III STORM DRAIN
SD/30 – 30" RCP CLASS III STORM DRAIN
SD/36 – 36" RCP CLASS III STORM DRAIN

SECONDARY WATER
SW/8 – 8" PVC C-900 DR-14 SECONDARY WATER LINE
SW LAT – SECONDARY SERVICE LATERAL PER CITY STANDARDS

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

Hatch Legend

- = PROPOSED ASPHALT PAVEMENT
- = PROPOSED CONCRETE
- = PROPOSED 20' UTILITY SLEEVE
- = EXISTING ASPHALT PAVEMENT
- = PROPOSED 10' TRAIL

Know what's below. Call before you dig.

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LAND PLANNERS • CIVIL ENGINEERS • LAND SURVEYORS
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REVISIONS

DATE	DESCRIPTION
02/15/24	NF TWWID Comments
02/28/24	NF GE Comments
03/21/24	NF GE Comments
04/16/24	NF Lot Grades

Bristol Farms
WEBER COUNTY, UTAH

4250 West 0+00.00 - 4+50.00

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

7
24 Total Sheets

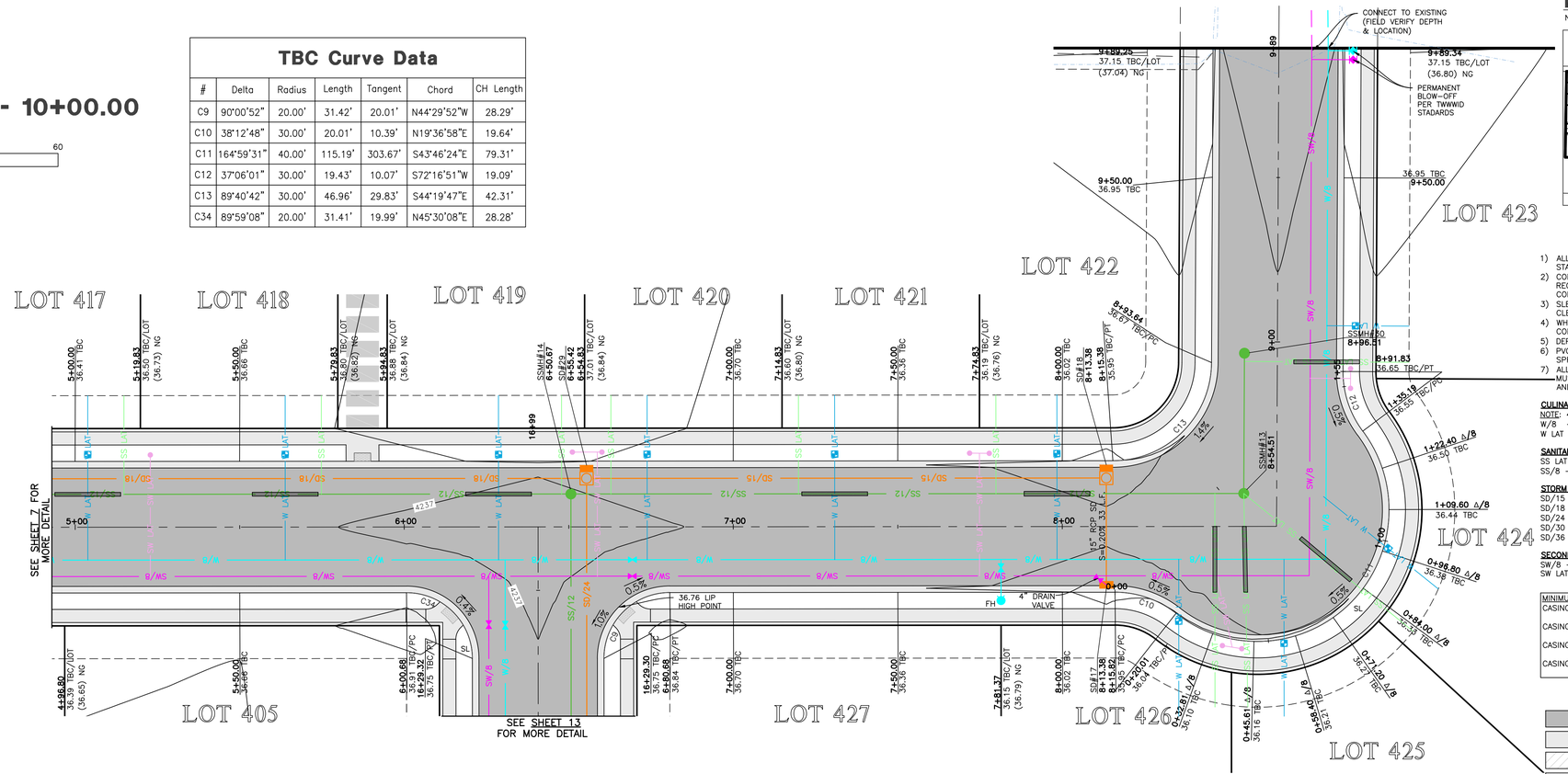
4250 West 4+50.00 - 10+00.00

20 0 20 40 60

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 2'

TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C9	90°00'52"	20.00'	31.42'	20.01'	N44°29'52"W	28.29'
C10	38°12'48"	30.00'	20.01'	10.39'	N19°36'58"E	19.64'
C11	164°59'31"	40.00'	115.19'	303.67'	S43°46'24"E	79.31'
C12	37°06'01"	30.00'	19.43'	10.07'	S72°16'51"W	19.09'
C13	89°40'42"	30.00'	46.96'	29.83'	S44°19'47"E	42.31'
C34	89°59'08"	20.00'	31.41'	19.99'	N45°30'08"E	28.28'



Key Map

NOT TO SCALE

Construction Notes:

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CULINARY WATER
NOTE: 4' MIN. COVER REQUIRED OVER CW LINES
W/8 – 8" DR-18 C900 PVC WATER LINE
W LAT – 1" CTS SDR9 HDPE SERVICE LATERAL

SANITARY SEWER
SS LAT – 4" PVC SDR-35 SERVICE LATERAL
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STORM DRAIN
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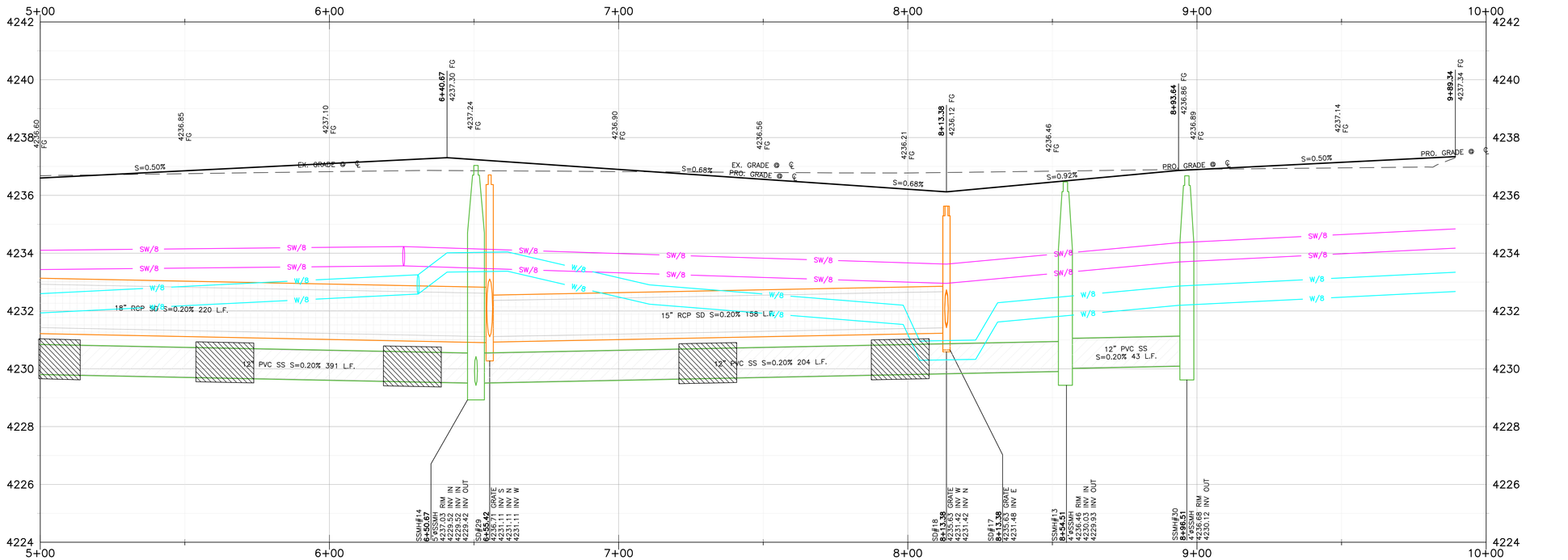

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Bristol Farms
WEBER COUNTY, UTAH

4250 West 4+50.00 - 10+00.00

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6338480
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04/17/2024
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Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

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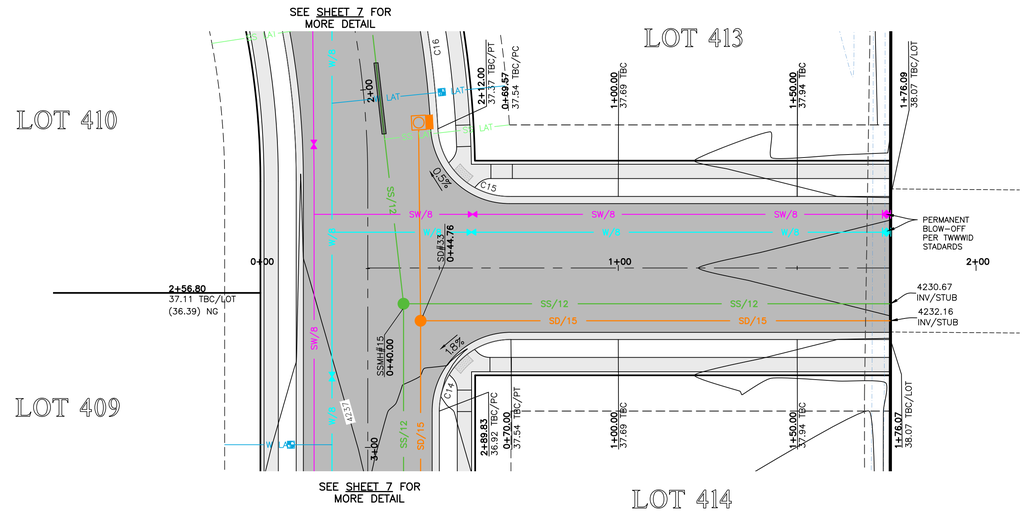
24 Total Sheets

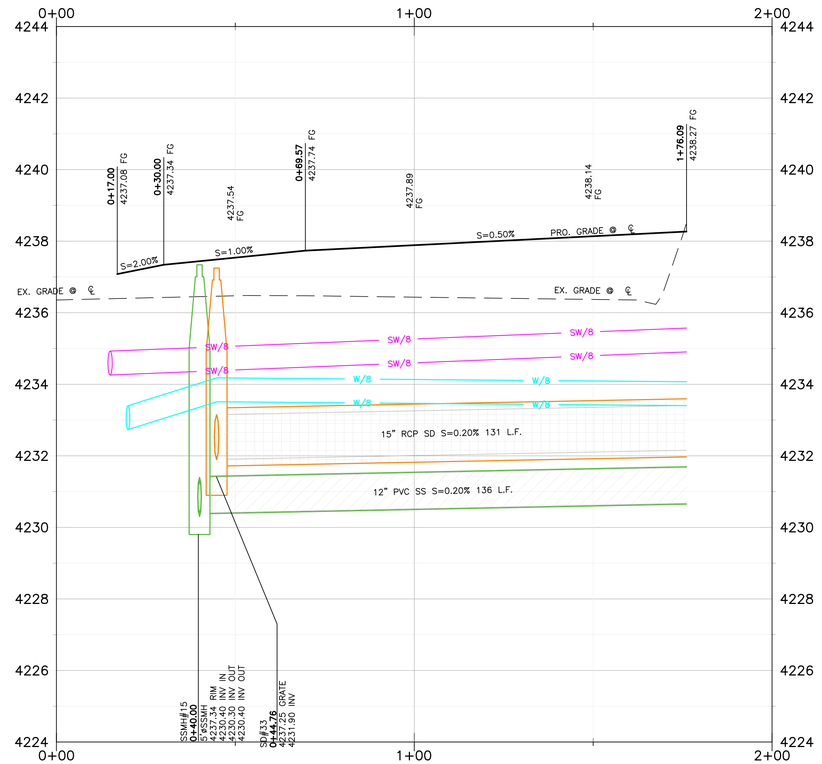


1650 South 0+00.00 - 2+00.00

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 2'

TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C14	90°00'00"	20.00'	31.42'	20.00'	S45°30'34"W	28.28'
C15	86°53'24"	20.00'	30.33'	18.94'	S46°02'44"E	27.51'



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REVISIONS

DESCRIPTION	DATE
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GE Comments	02/28/24 NF
GE Comments	03/21/24 NF
Lot Grades	04/16/24 NF

Bristol Farms
WEBER COUNTY, UTAH

1650 South 0+00.00 - 2+00.00

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STATE OF UTAH

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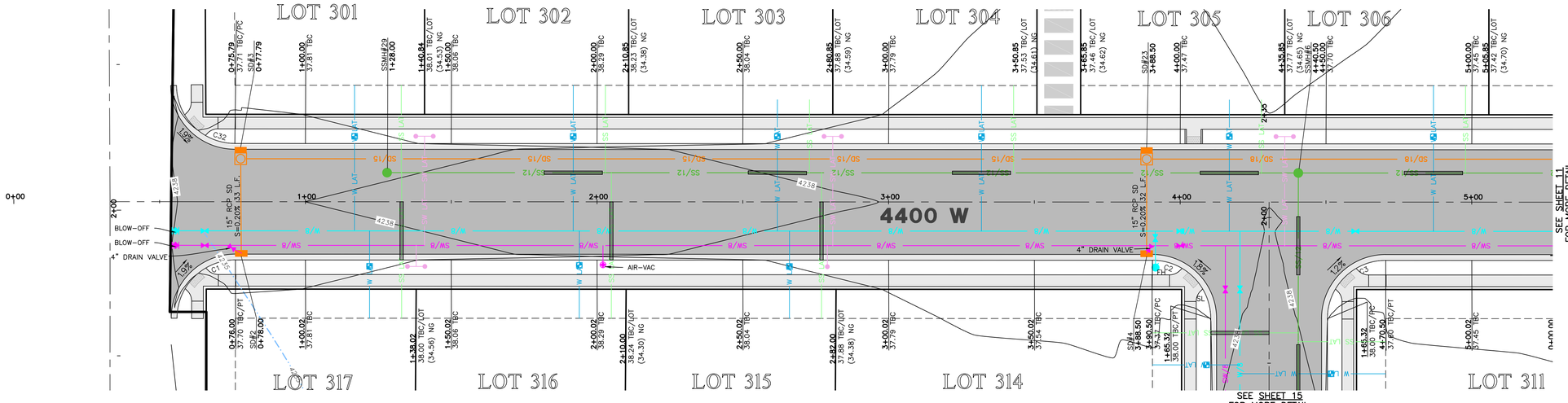
811 Know what's below. Call before you dig.



1700 South 0+00.00 - 5+25.00

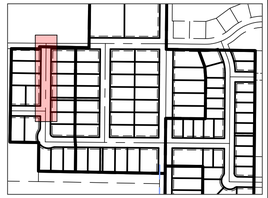
Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 2'

TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C1	90°00'10"	20.00'	31.42'	20.00'	N44°29'31"W	28.28'
C2	90°00'00"	20.00'	31.42'	20.00'	N45°30'34"E	28.28'
C3	90°00'00"	20.00'	31.42'	20.00'	N44°29'26"W	28.28'
C32	89°41'57"	20.00'	31.31'	19.90'	S45°21'32"W	28.21'

Key Map

NOT TO SCALE



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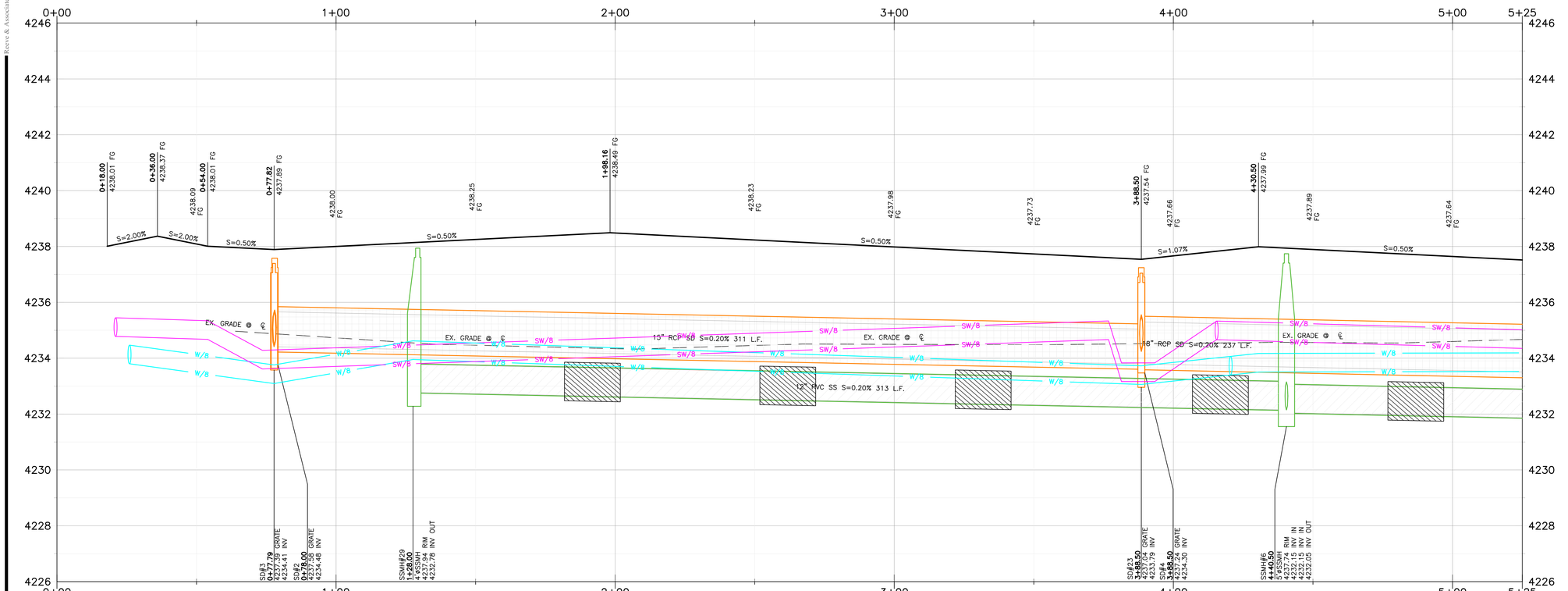

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REVISIONS

DATE	DESCRIPTION
02/15/24	NF TWWID Comments
02/28/24	NF GE Comments
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Bristol Farms
WEBER COUNTY, UTAH

1700 South 0+00.00 - 5+25.00

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
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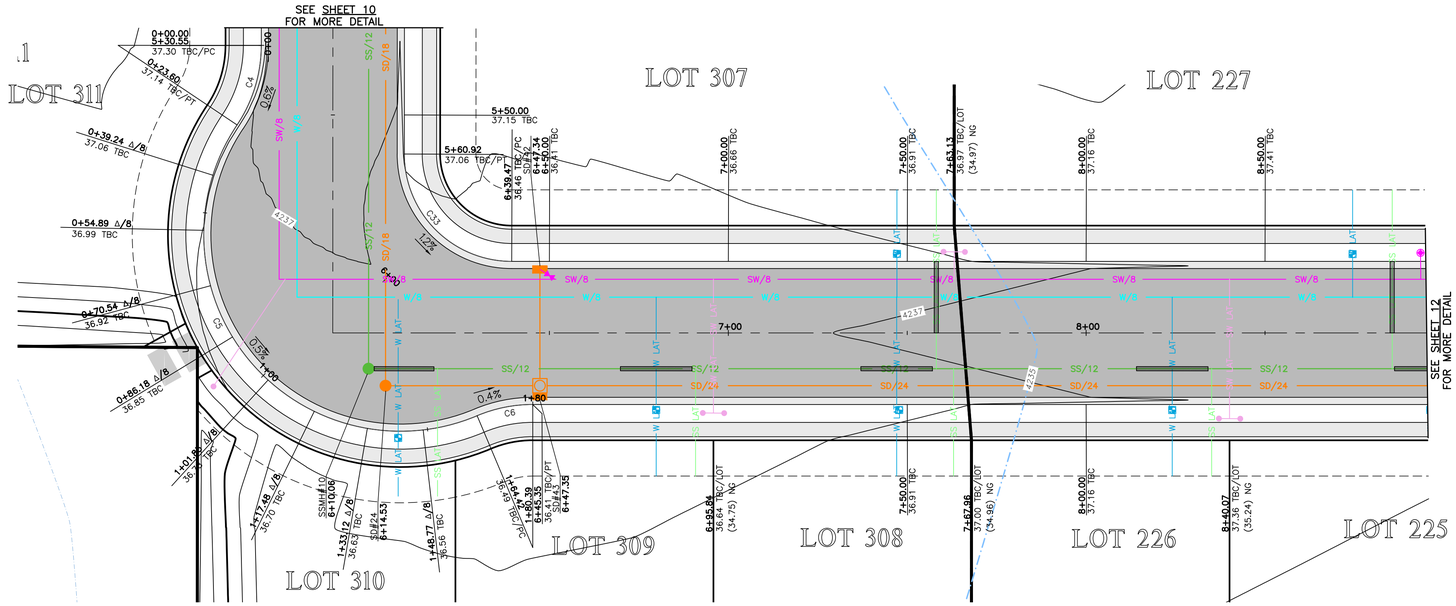
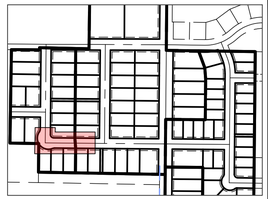
Number: 6298-22

10
24 Total Sheets



Key Map

NOT TO SCALE



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1700 South 5+25.00 - 8+75.00

Horizontal Scale: 1" = 20'
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TBC Curve Data

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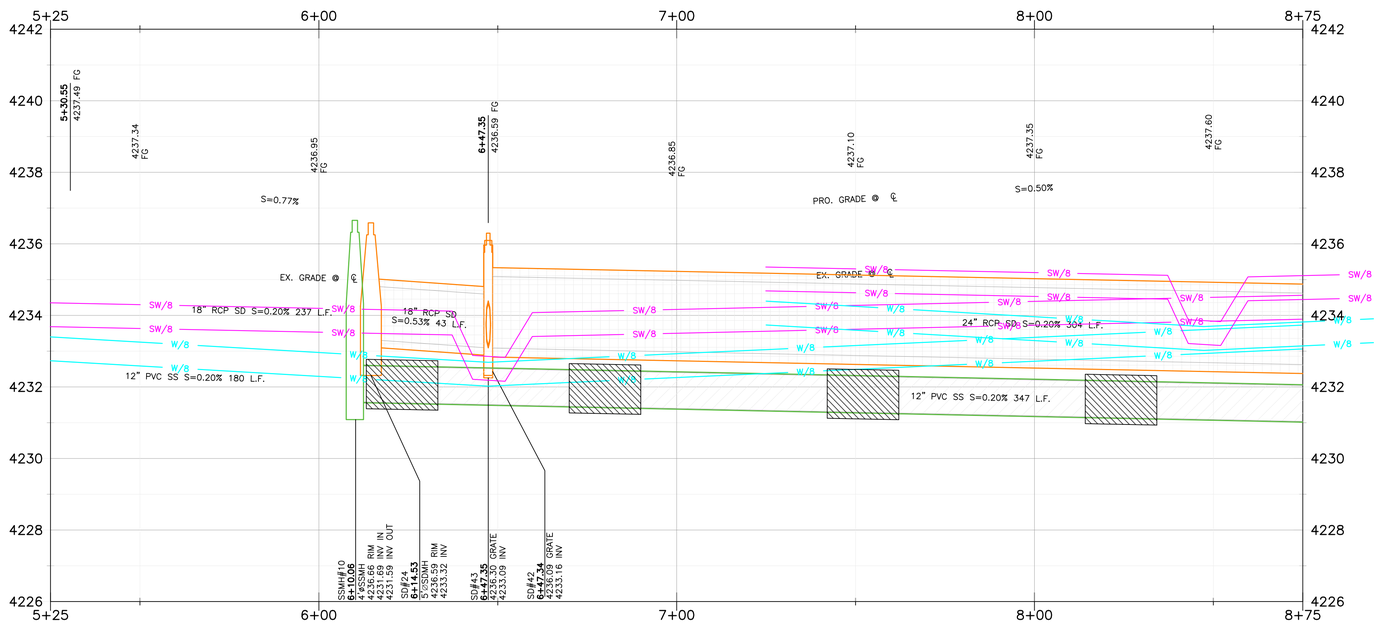
C4	33°48'04"	40.00'	23.60'	12.15'	N17°24'36"E	23.26'
C5	146°41'53"	55.00'	140.82'	183.90'	S39°02'18"E	105.39'
C6	22°52'56"	40.00'	15.97'	8.10'	S79°03'14"W	15.87'
C28	90°00'52"	20.00'	31.42'	20.01'	S44°29'52"E	28.29'
C29	89°59'08"	20.00'	31.41'	19.99'	N45°30'08"E	28.28'
C33	90°00'52"	30.00'	47.13'	30.01'	S44°29'52"E	42.43'



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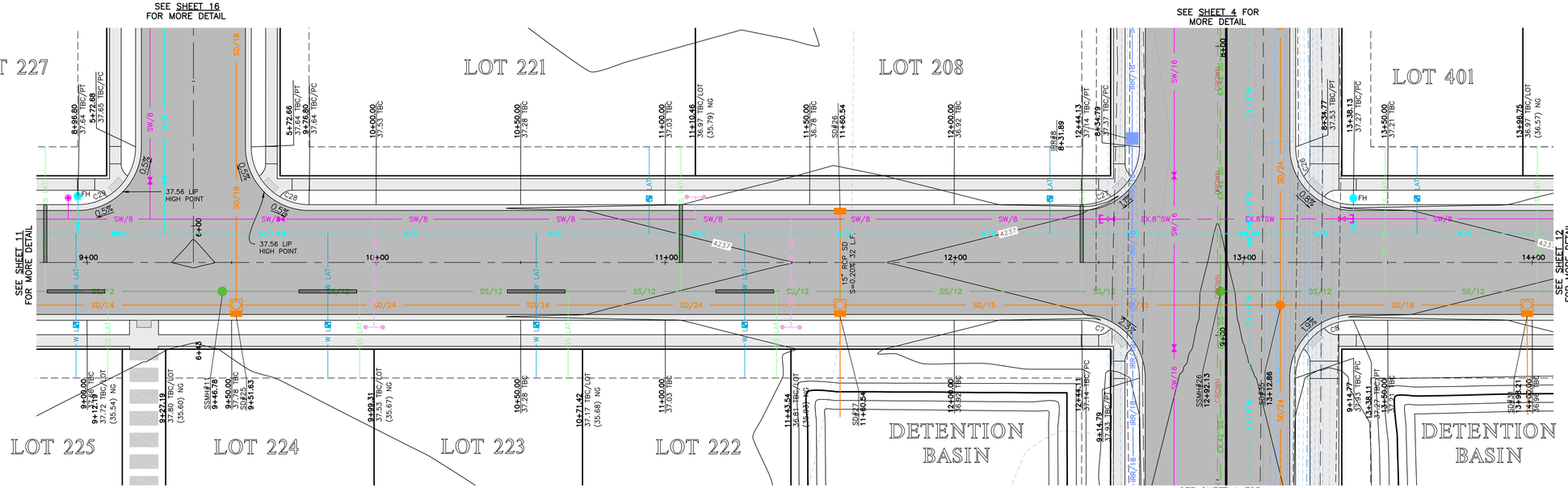
Bristol Farms
WEBER COUNTY, UTAH

1700 South 5+25.00 - 8+75.00



1700 South 8+75.00 - 14+00.00

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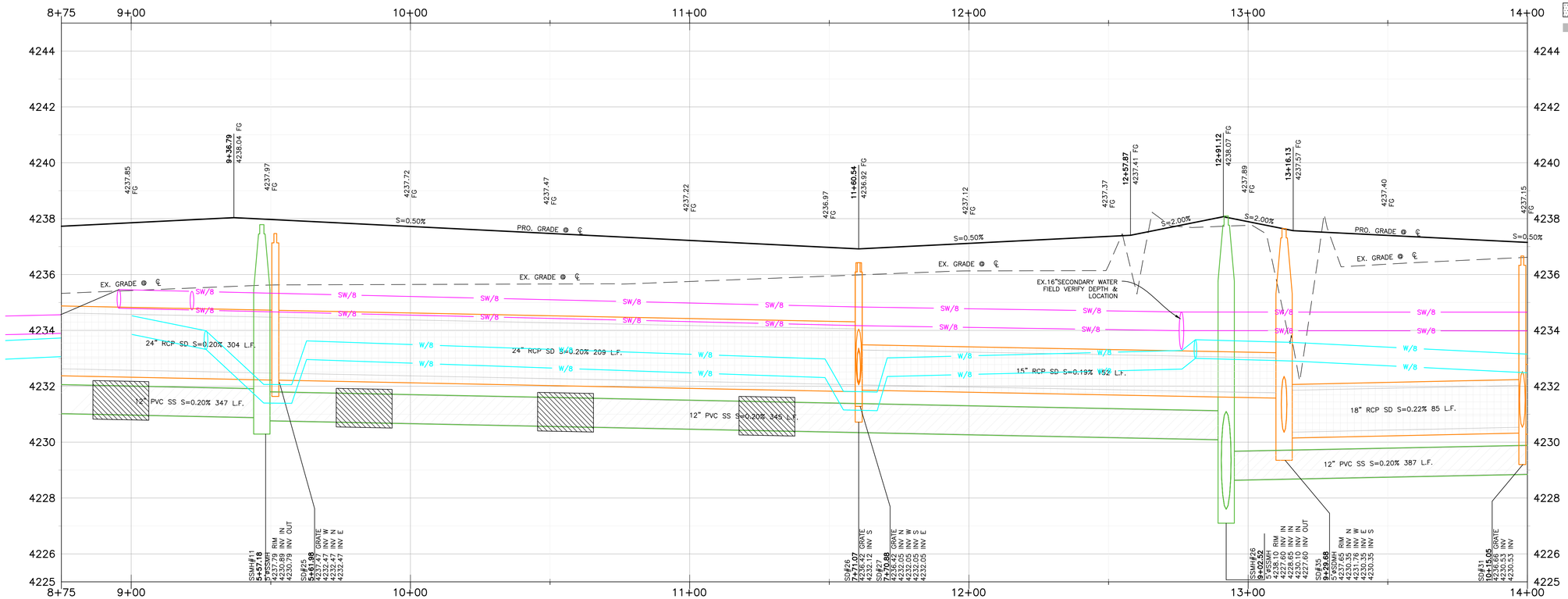
C7	90°00'52"	20.00'	31.42'	20.01'	N44°29'52"W	28.29'
C8	89°59'08"	20.00'	31.41'	19.99'	S45°30'08"W	28.28'
C26	90°00'52"	20.00'	31.42'	20.01'	S44°29'52"E	28.29'
C27	89°59'08"	20.00'	31.41'	19.99'	N45°30'08"E	28.28'
C28	90°00'52"	20.00'	31.42'	20.01'	S44°29'52"E	28.29'
C29	89°59'08"	20.00'	31.41'	19.99'	N45°30'08"E	28.28'



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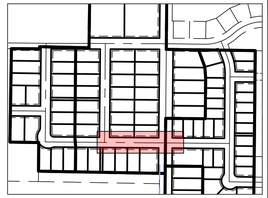

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REVISIONS		
DESCRIPTION	DATE	
TWWID Comments	02/15/24	NF
GE Comments	02/28/24	NF
GE Comments	03/21/24	NF
Lot Grades	04/16/24	NF

Bristol Farms
WEBER COUNTY, UTAH

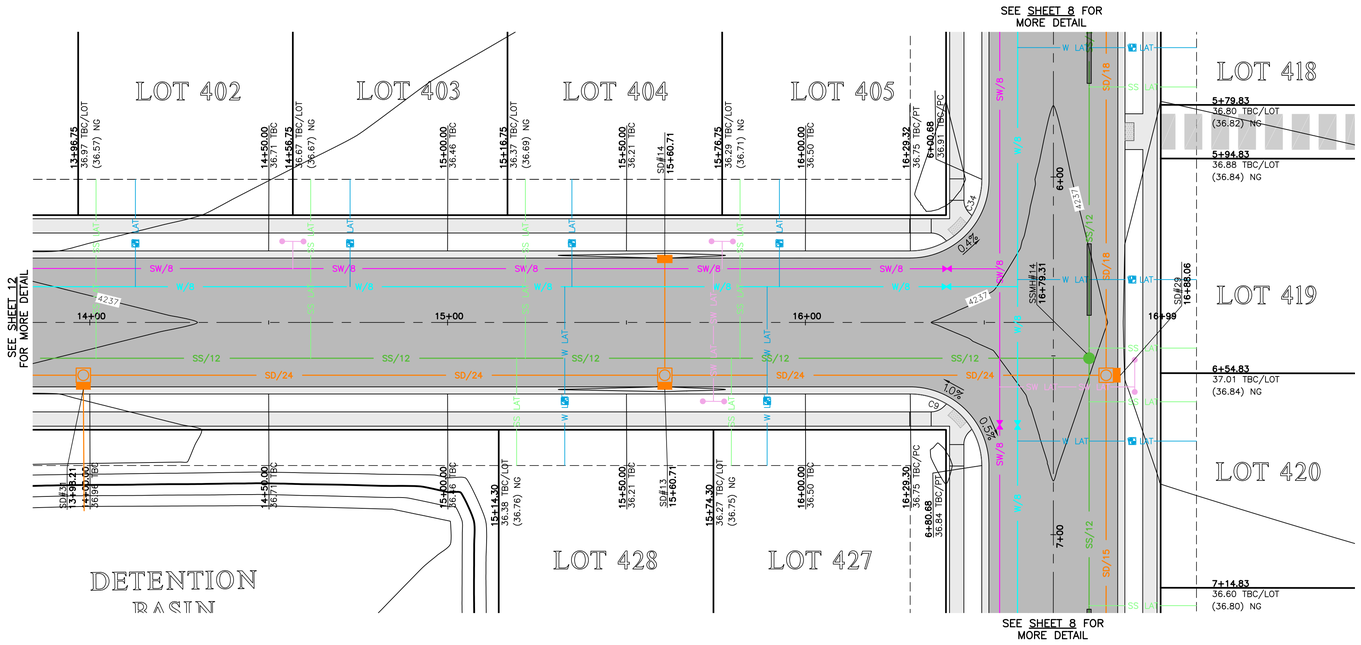
1700 South 8+75.00 - 14+00.00

REGISTERED PROFESSIONAL ENGINEER
6338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

12
24 Total Sheets

811 Know what's below. Call before you dig.

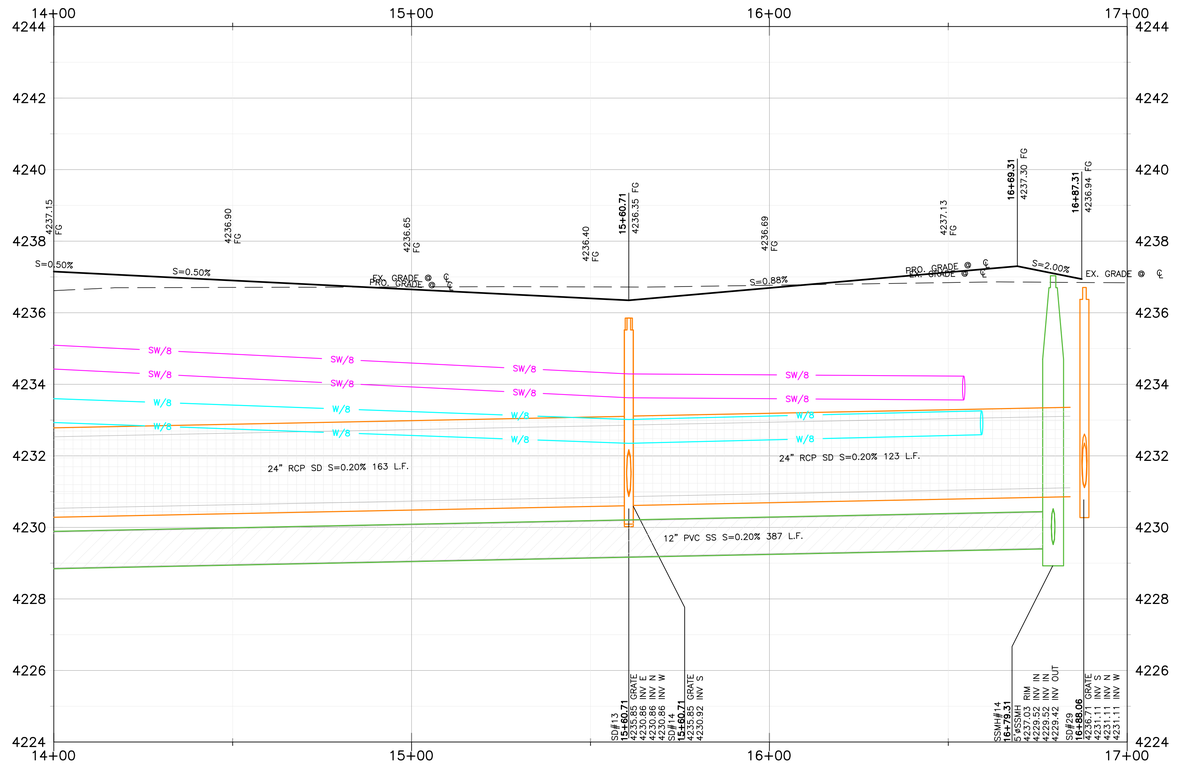


1700 South 14+00.00 - 17+00.00

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 2'

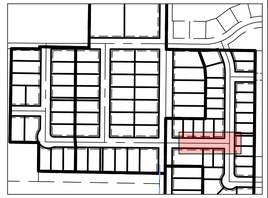
TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C9	90°00'52"	20.00'	31.42'	20.01'	N44°29'52"W	28.29'
C34	89°59'08"	20.00'	31.41'	19.99'	N45°30'08"E	28.28'



Key Map

NOT TO SCALE



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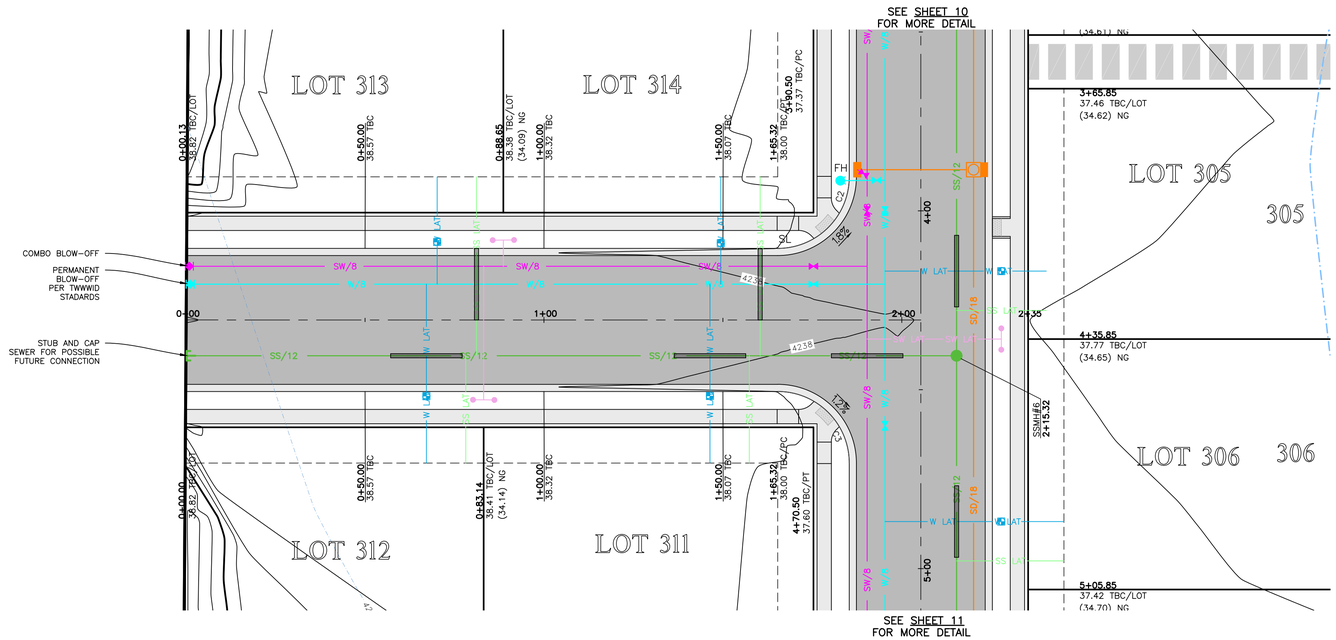
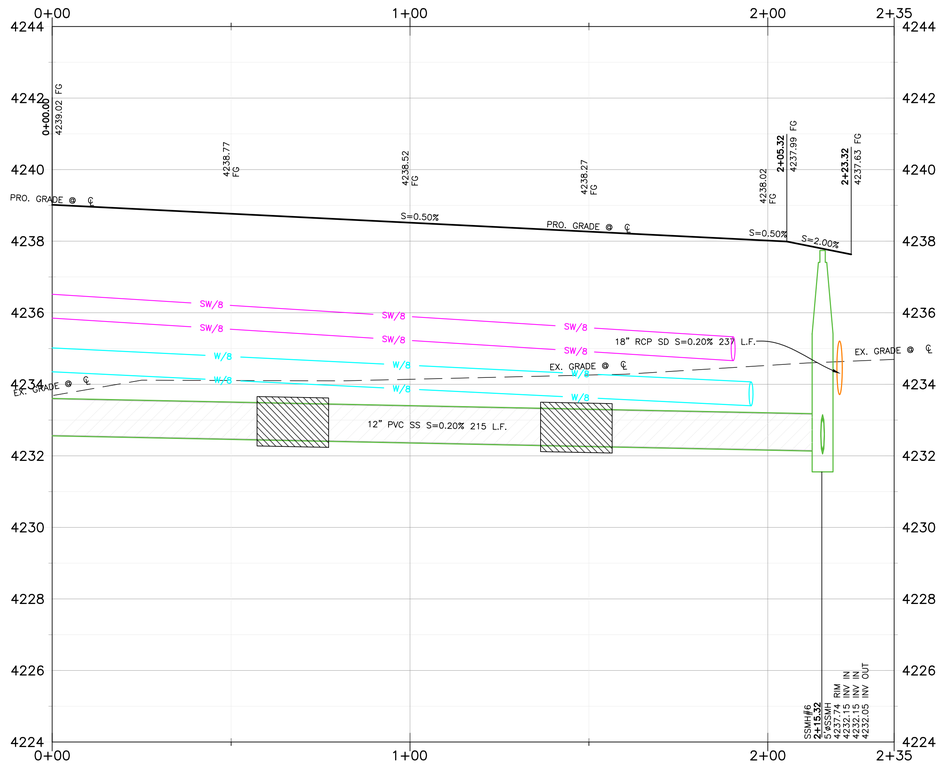


1675 South 0+00.00 - 2+35.32

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 2'

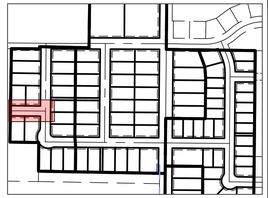
TBC Curve Data

#	Delta	Radius	Length	Tangent	Chord	CH Length
C2	90°00'00"	20.00'	31.42'	20.00'	N45°30'34"E	28.28'
C3	90°00'00"	20.00'	31.42'	20.00'	N44°29'26"W	28.28'



Key Map

NOT TO SCALE



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Bristol Farms
WEBER COUNTY, UTAH

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04/17/2024
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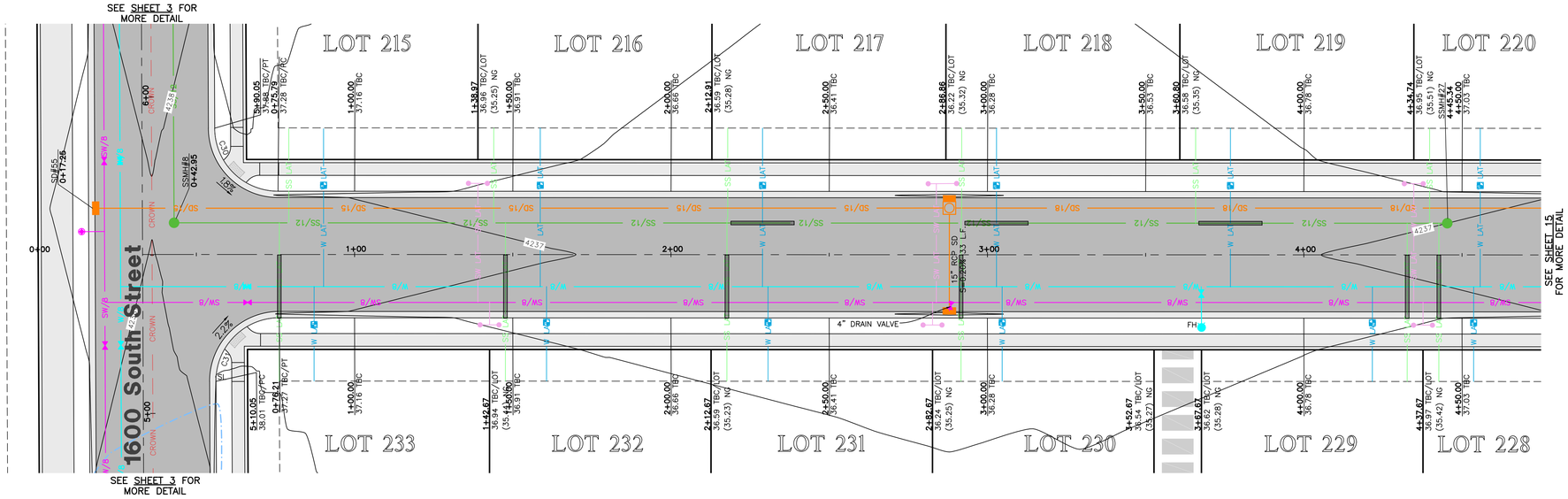
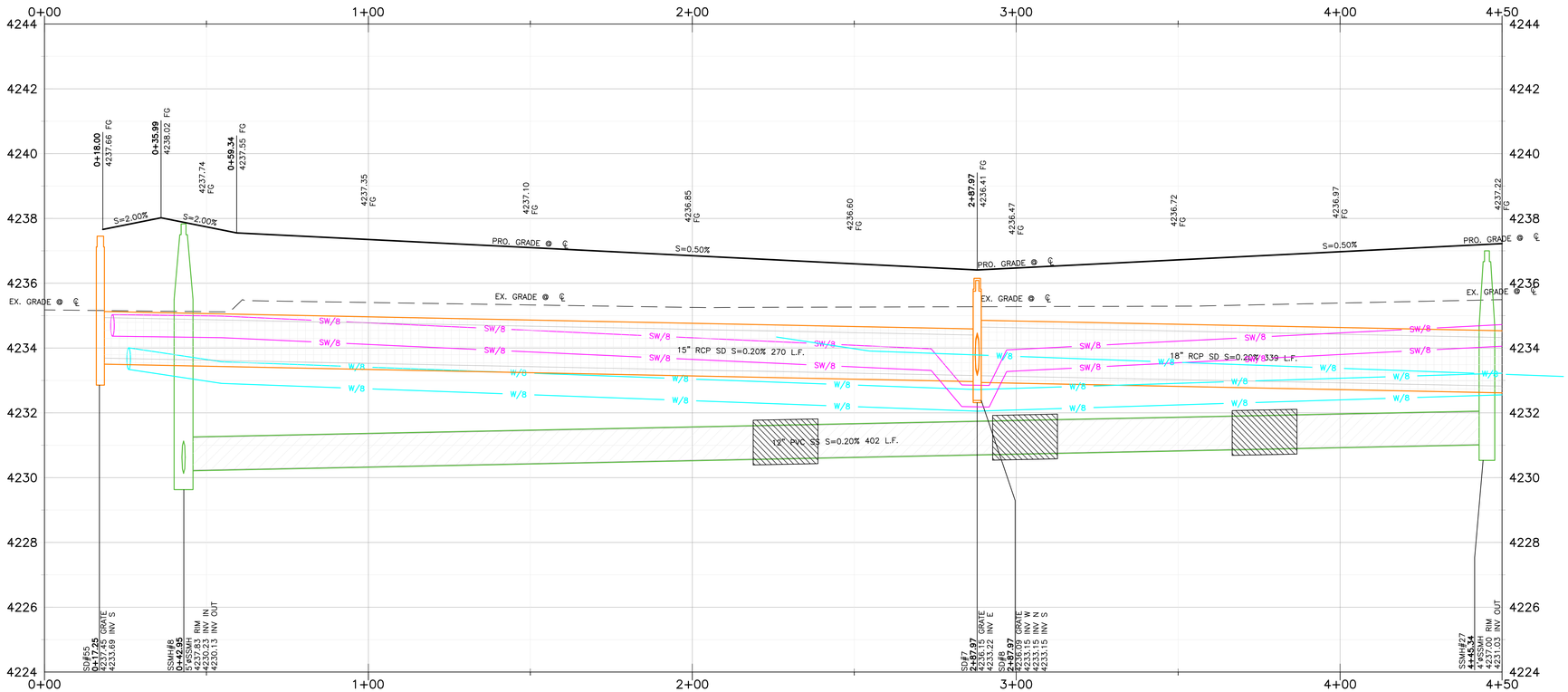


4350 West 0+00.00 - 4+50.00

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 2'



Key Map

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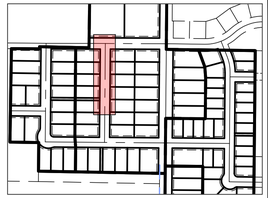

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REVISIONS

DATE	DESCRIPTION
02/15/24	NF TWWID Comments
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03/21/24	NF GE Comments
04/16/24	NF Lot Grades

Bristol Farms
WEBER COUNTY, UTAH

4350 West 0+00.00 - 4+50.00

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6338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

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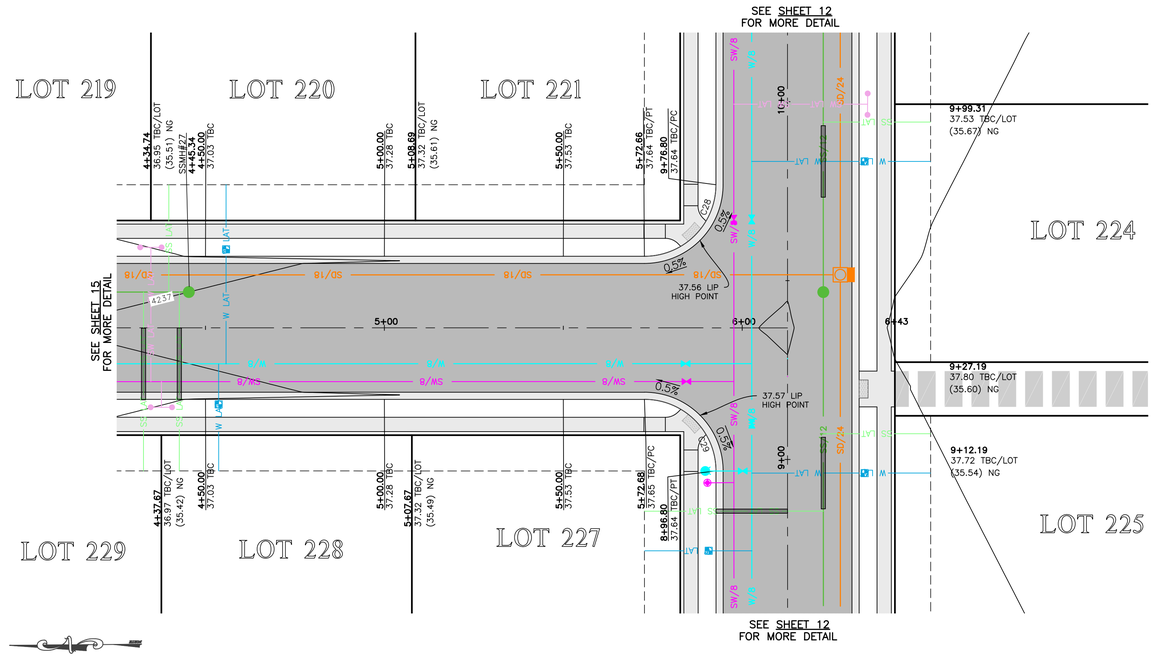

4350 West 4+50.00 - 6+50.00

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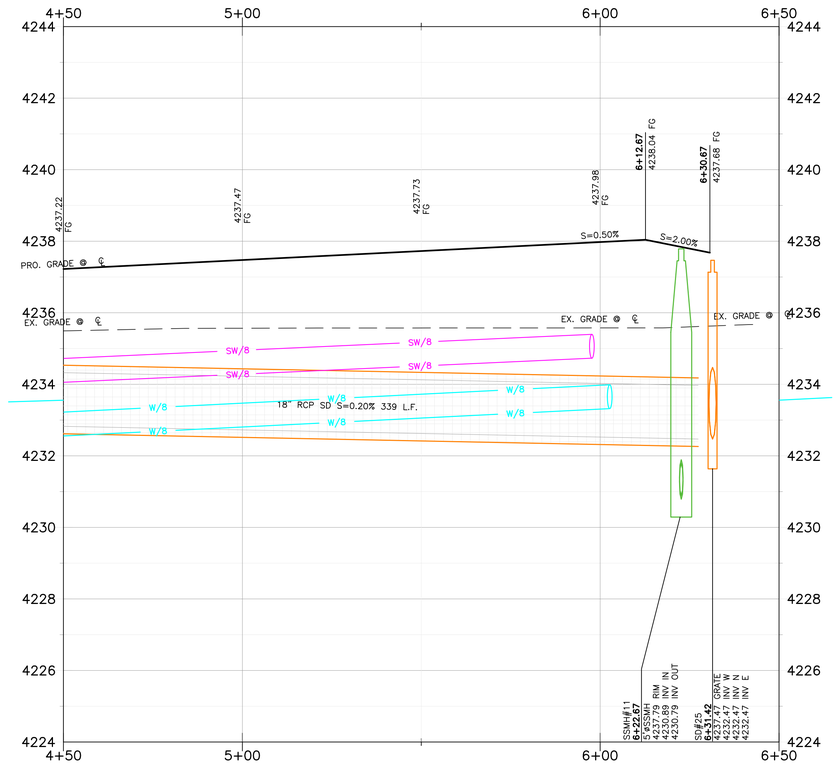

Key Map

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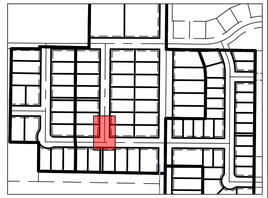

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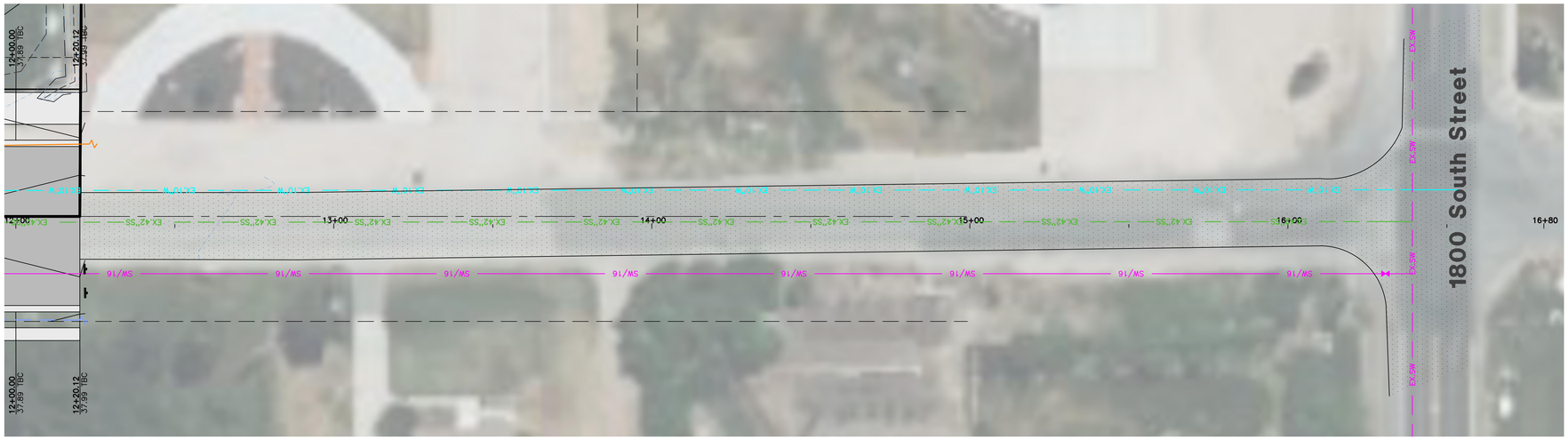

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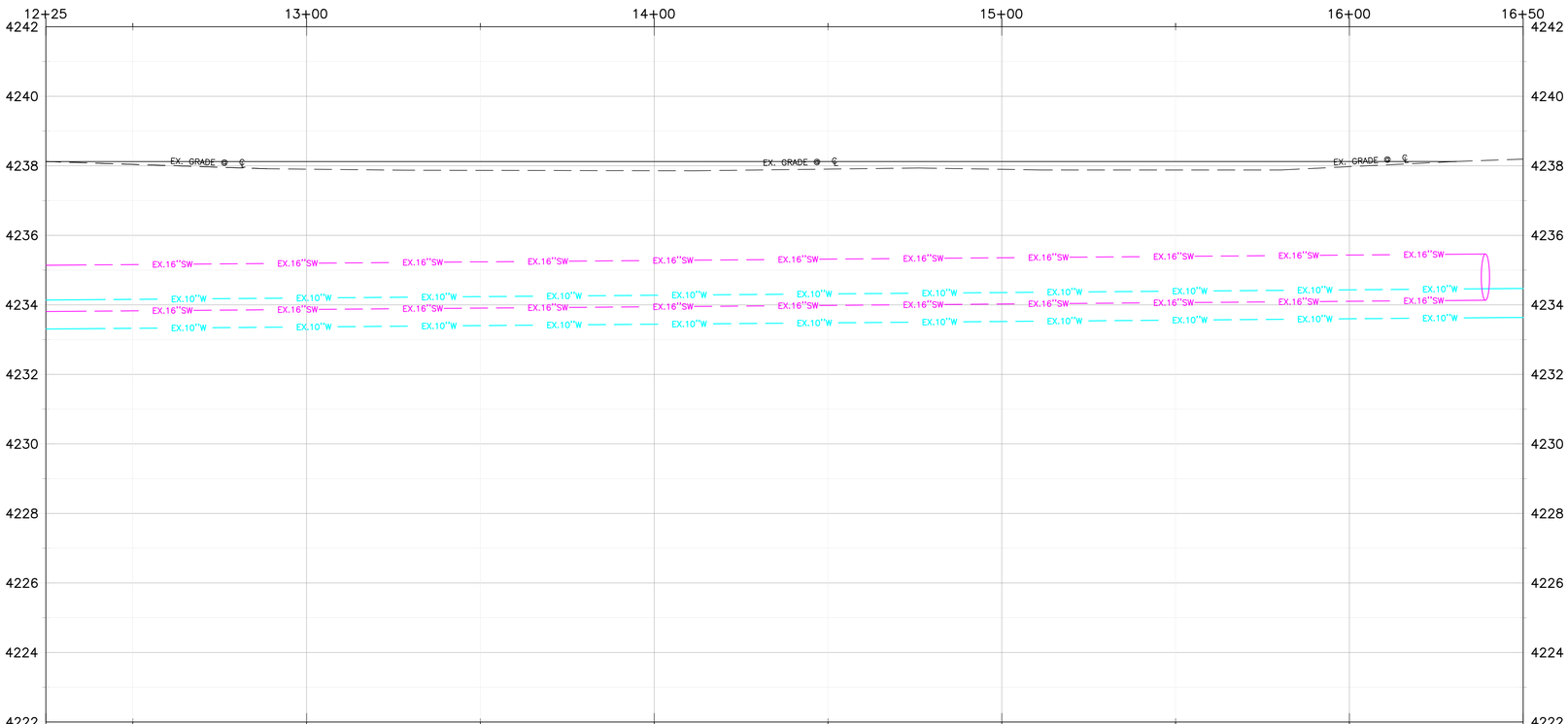

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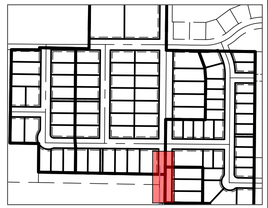

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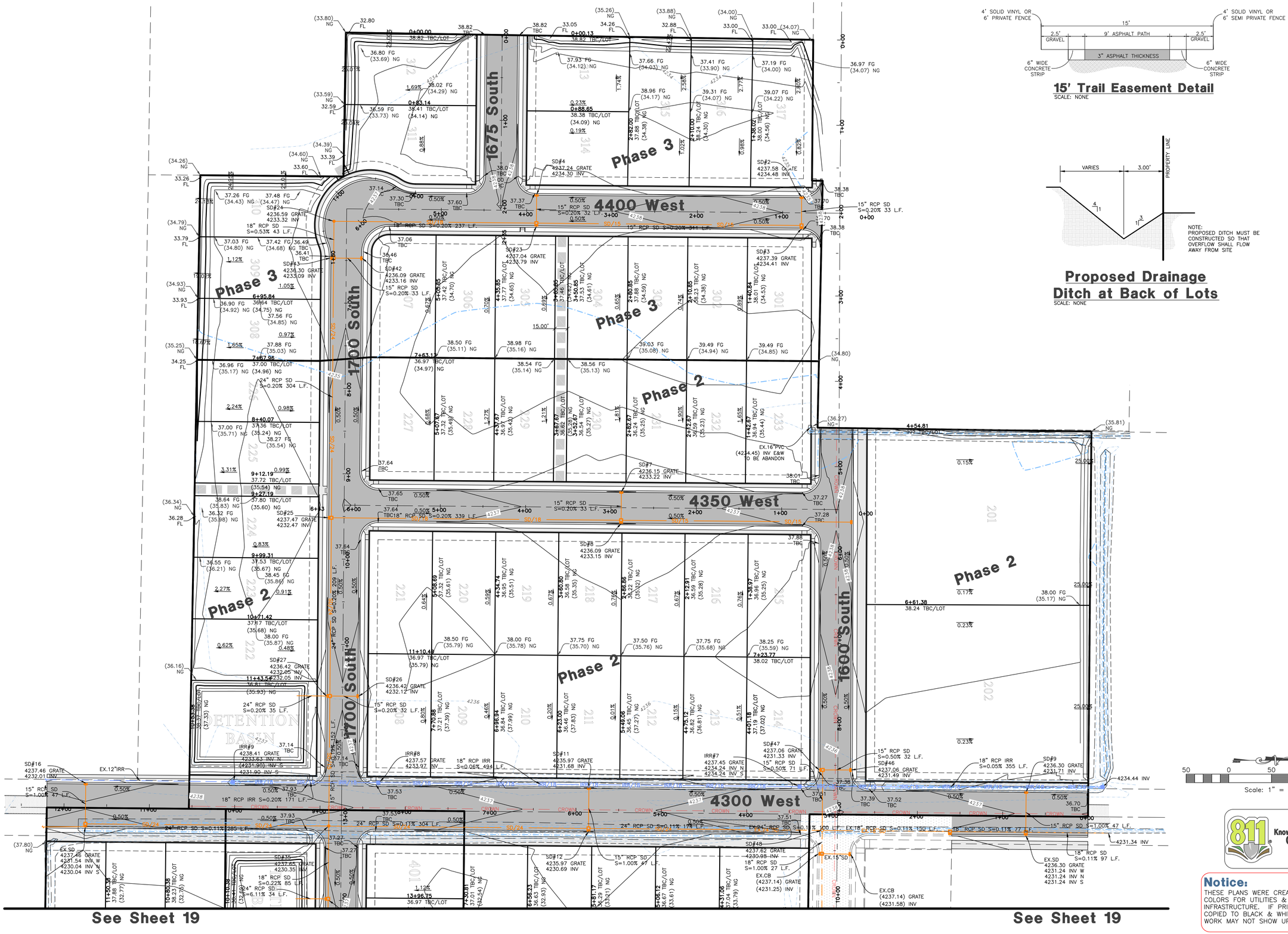
Reeve & Associates, Inc. - Solutions You Can Build On



15' Trail Easement Detail

SCALE: NONE

Proposed Drainage Ditch at Back of Lots

SCALE: NONE

Scale: 1" = 50'

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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.

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Bristol Farms

WEBER COUNTY, UTAH

Grading Plan

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5938480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

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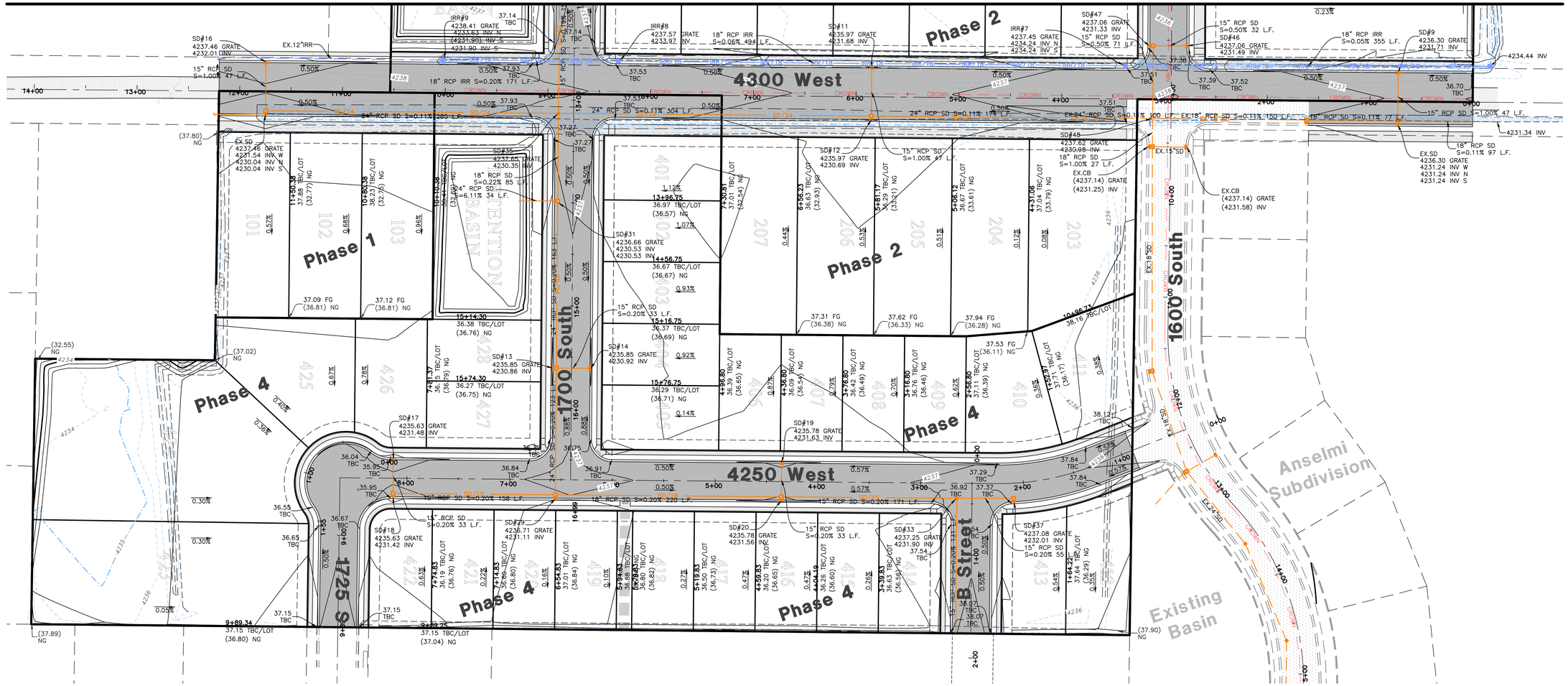
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

18
24 Total Sheets

See Sheet 18

See Sheet 18



50 0 50 100 150

Scale: 1" = 50'

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REVISIONS

DATE	DESCRIPTION
02/15/24	NF TWWID Comments
02/28/24	NF GE Comments
03/21/24	NF GE Comments
04/16/24	NF Lot Grades

Bristol Farms

WEBER COUNTY, UTAH

Grading Plan

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

19
24 Total Sheets

Storm Runoff Calculations

Smart Fields West

6298-24 1/23/2024 xlsm

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 =	16.91	acre or	736,540 ft²
Runoff Coefficients			
18% Paved Area	133,104		C = 0.9
12% Roof	90,000		C = 0.9
70% Landscaped Area	513,436		C = 0.2
Weighted Runoff Coefficient			C = 0.41

LID Retention:

80th Percentile Rainfall Event	0.6	in
Is the site Feasible for LID?	No	
Site Imperviousness	0.30	
NRCS Soil Group	C/D	
Rv Equation	0.83*1.122	
R_v	0.22	
V_{goal}	8,003	c.f.

Rainfall Intensities:

10-yr intensity for a 30 minute TOC - Pipe Capacity 1.39 in/hr

Peak Run-off:

Runoff Coefficient	C =	0.41
Rainfall Intensity	i =	1.39 IN./HR.
Acreage	A =	16.91 ACRES
Q	**Q =**	**9.68 cfs**

Volume of Run-off for 100-year Storm Event:

C = 0.41
I = See Below in/hr
A = 736540.00 ft²
Q(out) = 1.69 ft³/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	0.00	0	0	0
5	300	6.59	46.29	13888	507	13381
10	600	5.00	35.13	21075	1015	20061
15	900	4.14	29.08	26175	1522	24653
30	1800	2.79	19.60	35280	3044	32236
60	3600	1.72	12.08	43499	6087	37412
120	7200	0.94	6.63	47748	12174	35573
180	10800	0.64	4.51	48709	18261	30447
360	21600	0.36	2.51	54323	36523	17800
720	43200	0.22	1.55	66766	73045	-6280
1440	86400	0.12	0.87	75263	146091	-70827

Orifice Sizing:

Given:

Q =	1.69 cfs	
2g =	64.4 ft/s²	
H =	3.78 ft	
Cd =	0.62	for circular openings
R =	SQRT(Q/pi/(0.7*(64.4*H)^0.5))	
R =	0.24 feet	
	2.83 inches	
D =	5.66 inches	
A =	25.18 inches ^2	0.1749 ft ^2

SUMMARY:

The required 100-yr storage volume is	**37,412**	**cubic feet**
The required LID Retention volume is	**Not Feasible**	**cubic feet**
Orifice size is	**5.7**	**inches**

Storm Runoff Calculations

Smart Fields East

6296-24 1/23/2024 xlsm

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 =	10.91	acre or	475,230 ft²
Runoff Coefficients			
17% Paved Area	81,744		C = 0.9
15% Roof	72,000		C = 0.9
68% Landscaped Area	321,486		C = 0.2
Weighted Runoff Coefficient			C = 0.43

LID Retention:

80th Percentile Rainfall Event	0.6	in
Is the site Feasible for LID?	No	
Site Imperviousness	0.32	
NRCS Soil Group	C/D	
Rv Equation	0.83^1.122	
R_v	0.23	
V_{goal}	5,560	c.f.

Rainfall Intensities:

10-yr intensity for a 30 minute TOC - Pipe Capacity 1.39 in/hr

Peak Run-off:

Runoff Coefficient	C =	0.43
Rainfall Intensity	i =	1.39 IN./HR.
Acreage	A =	10.91 ACRES
Q	**Q =**	**6.47 cfs**

Volume of Run-off for 100-year Storm Event:

C = 0.43
I = See Below in/hr
A = 475230.00 ft²
Q(out) = 1.09 ft³/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	0.00	0	0	0
5	300	6.59	30.92	9275	327	8948
10	600	5.00	23.46	14074	655	13419
15	900	4.14	19.42	17480	982	16498
30	1800	2.79	13.09	23560	1964	21596
60	3600	1.72	8.07	29049	3928	25121
120	7200	0.94	4.43	31886	7855	24031
180	10800	0.64	3.01	32528	11783	20745
360	21600	0.36	1.68	36277	23565	12712
720	43200	0.22	1.03	44587	47130	-2544
1440	86400	0.12	0.58	50261	94260	-43999

Orifice Sizing:

Given:

Q =	1.09 cfs	
2g =	64.4 ft/s²	
H =	3.25 ft	
Cd =	0.62	for circular openings
R =	SQRT(Q/pi/(0.7*(64.4*H)^0.5))	
R =	0.20 feet	
	2.36 inches	
D =	4.72 inches	
A =	17.52 inches ^2	0.1217 ft ^2

SUMMARY:

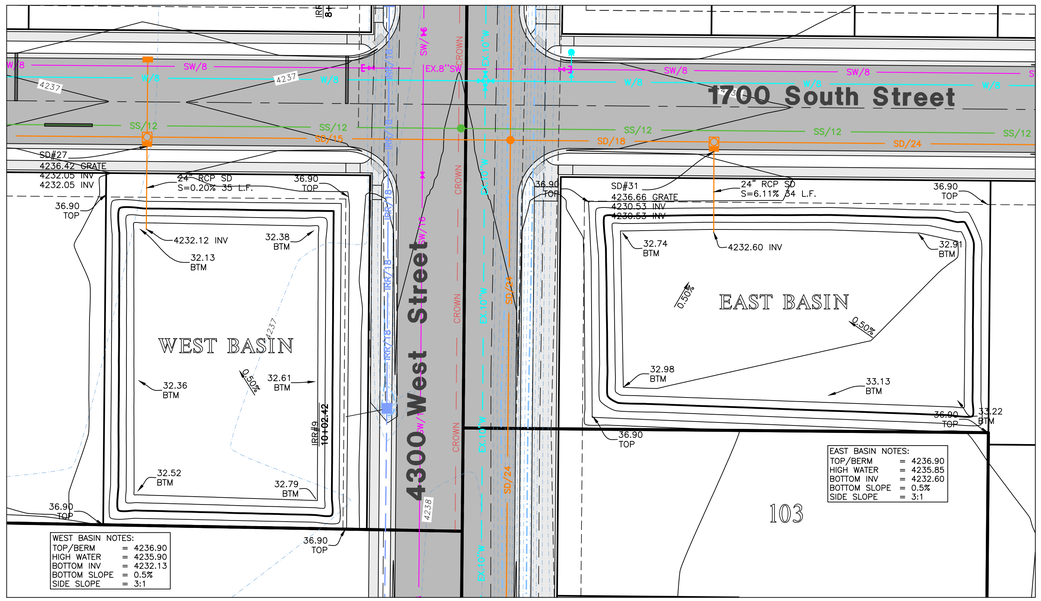
The required 100-yr storage volume is	**25,121**	**cubic feet**
The required LID Retention volume is	**Not Feasible**	**cubic feet**
Orifice size is	**4.7**	**inches**

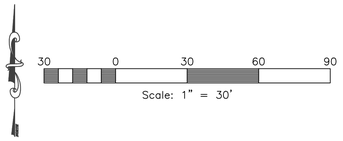
STAGE STORAGE TABLE – WEST BASIN

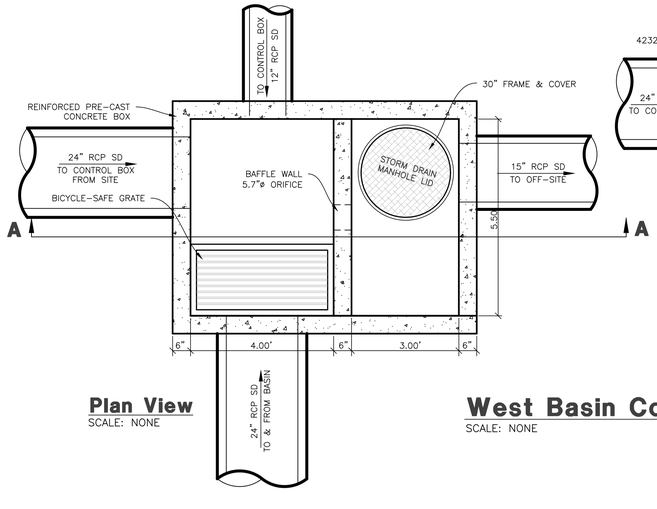
ELEV	AREA (sq. ft.)	DEPTH (ft)	AVG END INC. VOL. (cu. ft.)	AVG END TOTAL VOL. (cu. ft.)	CONIC INC. VOL. (cu. ft.)	CONIC TOTAL VOL. (cu. ft.)	
4,232.12	0	N/A	N/A	0	N/A	0	
4,233.00	8,836	0.88	3883	3883	2596	2596	
4,234.00	10,085	1.00	9460	13344	9453	12050	
4,235.00	11,420	1.00	10752	24097	10745	22796	
4,235.90	12,693	0.90	10851	34948	10846	33642	HIGHWATER
4,236.00	12,838	0.10	1276	36225	1276	34918	
4,236.90	14,179	0.90	12158	48383	12153	47071	FREEBOARD

STAGE STORAGE TABLE – EAST BASIN

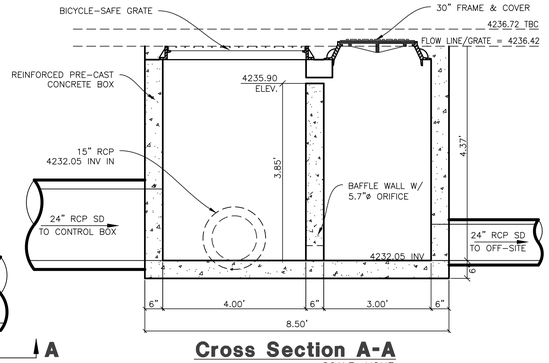
ELEV	AREA (sq. ft.)	DEPTH (ft)	AVG END INC. VOL. (cu. ft.)	AVG END TOTAL VOL. (cu. ft.)	CONIC INC. VOL. (cu. ft.)	CONIC TOTAL VOL. (cu. ft.)	
4,232.60	0	N/A	N/A	0	N/A	0	
4,233.00	6,994	0.40	1398	1398	932	932	
4,234.00	10,934	1.00	8964	10363	8891	9824	
4,235.00	12,426	1.00	11680	22044	11672	21497	
4,235.85	13,764	0.85	11131	33175	11126	32623	HIGHWATER
4,236.00	14,006	0.15	2082	35258	2082	34706	
4,236.85	15,415	0.85	12504	47762	12499	47205	FREEBOARD







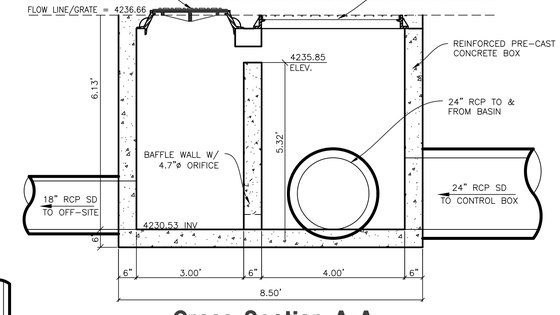
Plan View
SCALE: NONE



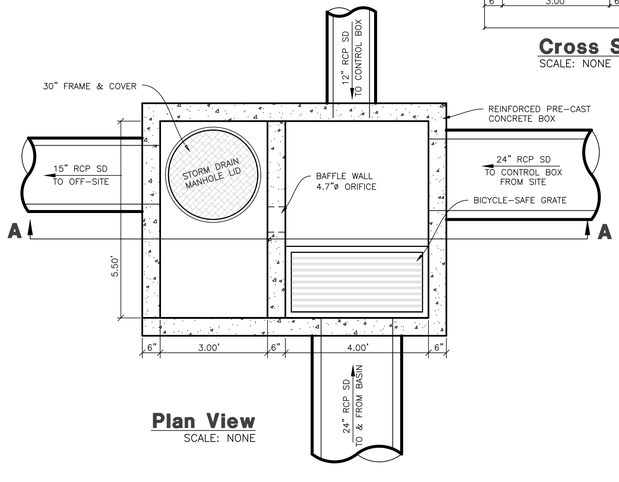
Cross Section A-A
SCALE: NONE

West Basin Control Box (SD#27)

SCALE: NONE



Cross Section A-A
SCALE: NONE



Plan View
SCALE: NONE

East Basin Control Box (SD#31)

SCALE: NONE

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REVISIONS

DATE	BY	DESCRIPTION
02/15/24	NF	TW/WD Comments
02/28/24	NF	GE Comments
03/21/24	NF	GE Comments
04/16/24	NF	Lot Grades

Bristol Farms
WEBER COUNTY, UTAH

Basin Plan

REGISTERED PROFESSIONAL ENGINEER
6338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298-22

20
24 Total Sheets

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REVISIONS

DATE		DESCRIPTION
02/15/24	NF	TWWID Comments
02/28/24	NF	GE Comments
03/21/24	NF	GE Comments
04/16/24	NF	Lot Grades

Bristol Farms

WEBER COUNTY, UTAH

Utility Plan

REGISTERED PROFESSIONAL ENGINEER
STATE OF UTAH
338480
JEREMY A. DRAPER
04/17/2024

50 0 50 100 150
Scale: 1" = 50'

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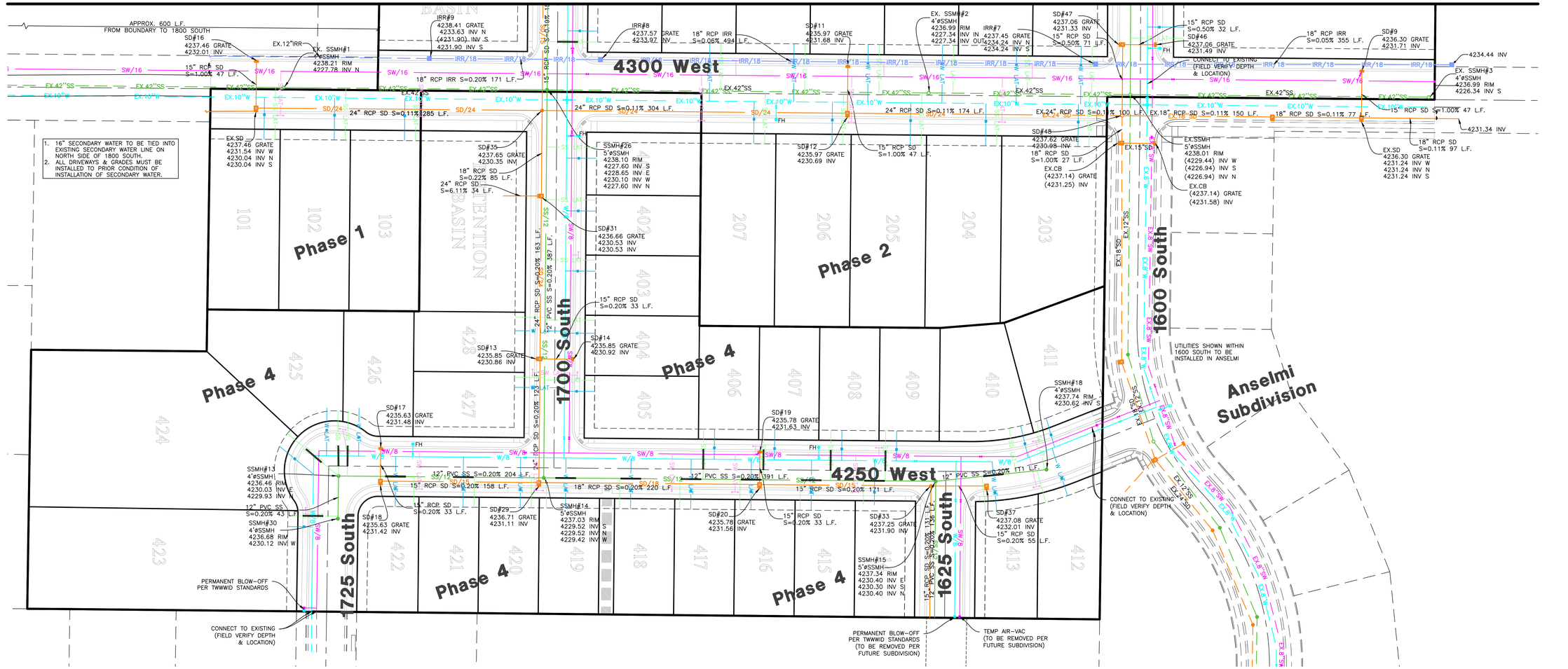
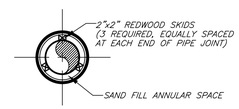
20
24 Total Sheets

See Sheet 21

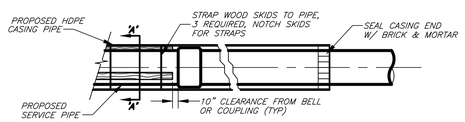
See Sheet 21





Section 'A-A'

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	= 16"x20' CENTERED AT CROSSING



Sleeve Detail
SCALE: NONE

50 0 50 100 150
Scale: 1" = 50'

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REVISIONS

DESCRIPTION	DATE	
TWWID Comments	02/15/24	NF
GE Comments	02/28/24	NF
GE Comments	03/21/24	NF
Lot Grades	04/16/24	NF

Bristol Farms

WEBER COUNTY, UTAH

Utility Plan

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
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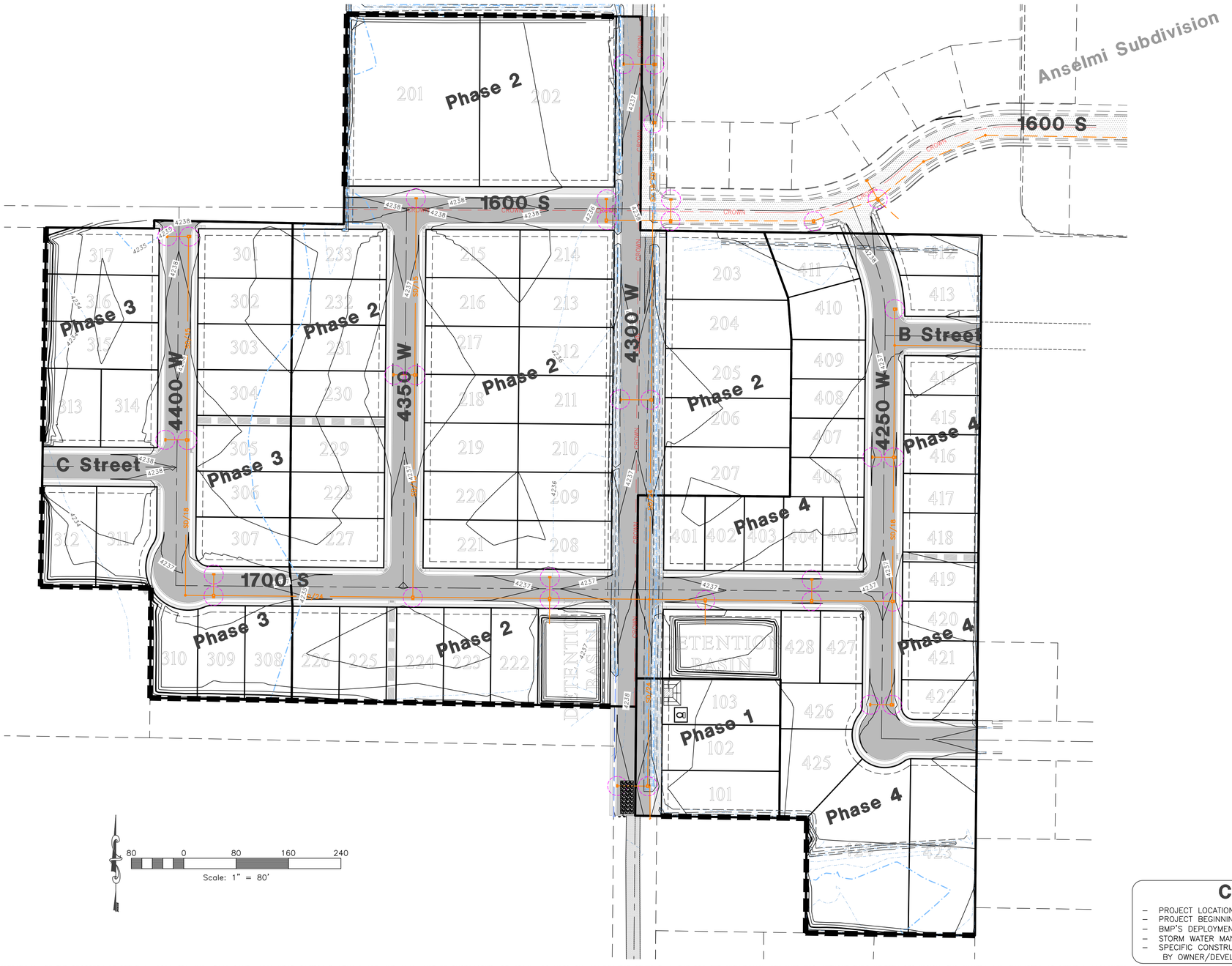
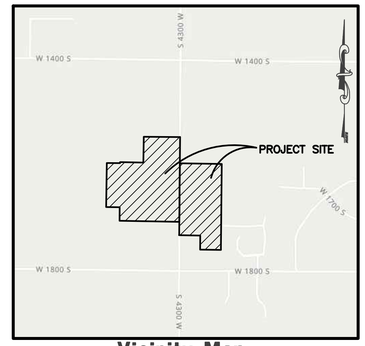
21
24 Total Sheets

BRISTOL FARMS

Storm Water Pollution Prevention Plan Exhibit

WEBER COUNTY, UTAH
NOVEMBER, 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:
1. ALL VEHICLES EXITING SITE TO PROCEED THROUGH CONSTRUCTION ENTRANCE TO REDUCE AMOUNTS OF SEDIMENT TRACKED ONTO ROADWAYS.
2. STREETS TO BE SWEPT WITHIN 1000 FEET OF CONSTRUCTION ENTRANCE DAILY IF NECESSARY

Construction Activity Schedule

- PROJECT LOCATION.....WEBER COUNTY, (UT)
- PROJECT BEGINNING DATE.....JANUARY 2024
- BMP'S DEPLOYMENT DATE.....JANUARY 2024
- STORM WATER MANAGEMENT CONTACT / INSPECTOR.....PAT BURNS (801) 710-2234
- SPECIFIC CONSTRUCTION SCHEDULE INCLUDING BMP CONSTRUCTION SCHEDULE TO BE INCLUDED WITH SWPPP BY OWNER/DEVELOPER

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REVISIONS

DATE		DESCRIPTION
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02/28/24	NF	GE Comments
03/21/24	NF	GE Comments
04/16/24	NF	Lot Grades

Bristol Farms
WEBER COUNTY, UTAH

Storm Water Pollution Prevention Plan Exhibit

REGISTERED PROFESSIONAL ENGINEER
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JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

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23
24 Total Sheets

Notes:

1. 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).

2. Describe BMP's to eliminate/reduce contamination of storm water from:
   a. Equipment / building / concrete wash areas:
      To be performed in designated areas only and surrounded with silt fence barriers.
   b. Soil contaminated by soil amendments:
      If any contaminates are found or generated, contact environmental engineer and contacts listed.
   c. Areas of contaminated soil:
      If any contaminates are found or generated, contact environmental engineer and contacts listed.
   d. Fueling area:
      To be performed in designated areas only and surrounded with silt fence.
   e. Vehicle maintenance areas:
      To be performed in designated areas only and surrounded with silt fence.
   f. Vehicle parking areas:
      To be performed in designated areas only and surrounded with silt fence.
   g. Equipment storage areas:
      To be performed in designated areas only and surrounded with silt fence.
   h. Materials storage areas:
      To be performed in designated areas only and surrounded with silt fence.
   i. Waste containment areas:
      To be performed in designated areas only and surrounded with silt fence.
   j. Service areas:
      To be performed in designated areas only and surrounded with silt fence.

3. BMP's for wind erosion:
Stockpiles and site as needed to be watered regularly to eliminate / control wind erosion

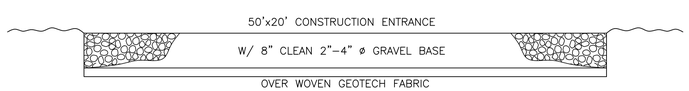
4. Construction Vehicles and Equipment:
   a. Maintenance
      – Maintain all construction equipment to prevent oil or other fluid leaks.
      – Keep vehicles and equipment clean, prevent excessive build–up of oil and grease.
      – Regularly inspect on–site vehicles and equipment for leaks, and repair 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.
   b. 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 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.
   c. 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.

5. Spill Prevention and Control
   a. 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.
   b. 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.

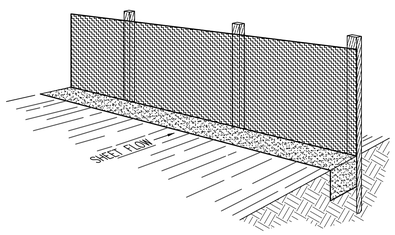
6. Post Roadway / Utility Construction
   a. Maintain good housekeeping practices.
   b. Enclose or cover building material storage areas.
   c. Properly store materials such as paints and solvents.
   d. Store dry and wet materials under cover, away from drainage areas.
   e. Avoid mixing excess amounts of fresh concrete or cement on–site.
   f. Perform washout of concrete trucks offsite or in designated areas only.
   g. Do not wash out concrete trucks into storm drains, open ditches, streets or streams.
   h. Do not place material or debris into streams, gutters or catch basins that stop or reduce the flow of runoff water.
   i. 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.
   j. Install straw wattle around all inlets contained within the development and all others that receive runoff from the development.

7. Erosion Control Plan Notes
   a. The contractor will designate an emergency contact that can be reached 24 hours a day 7 days a week.
   b. 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.
   c. 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.
   d. 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.
   e. All silt and debris shall be removed from all devices within 24 hours after each rain or runoff event.
   f. 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.
   g. 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.
   h. The placement of additional devices to reduce erosion damage within the site is left to the discretion of the engineer of record.
   i. Desilting basins may not be removed or made inoperable without the approval of the engineer of record and the governing agency.
   j. 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.

8. Conduct a minimum of one inspection of the erosion and sediment controls every two weeks. Maintain documentation on site.
   a. Part III.D.4 of general permit UTRC00000 identifies the minimum inspection requirements.
   b. Part II.D.4.C identifies the minimum inspection report requirements.
   c. Failure to complete and/or document storm water inspections is a violation of part III.D.4 of Utah General Permit UTR 300000.

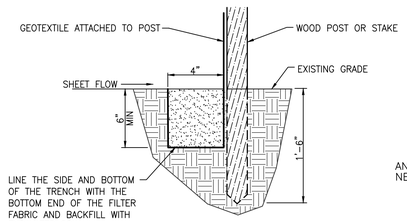


Cross Section 50' x 20' Construction Entrance



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.

TABLE 1:
Recommended Maximum Slope Lengths for Silt Fence
(Richardson & Middlebrooks, 1991)

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 be 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.

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 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.

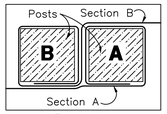
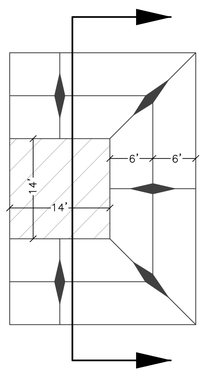
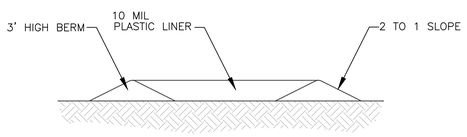


Figure 1:
Top View of
Roll–to–Roll Connection

Silt Fence Detail

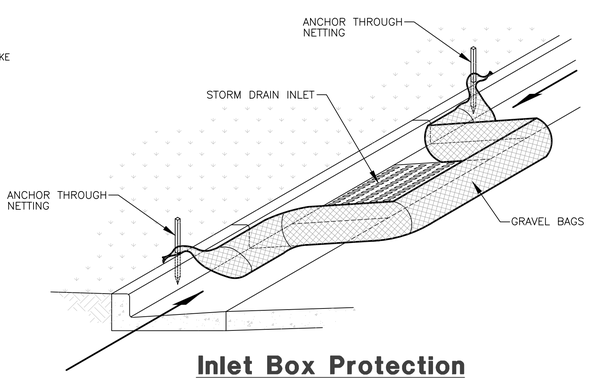
SCALE: NONE



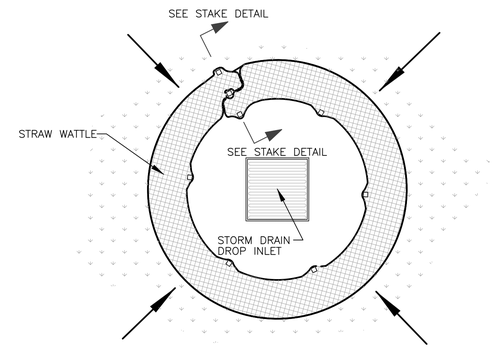


Concrete Washout Area w/ 10 mil Plastic Liner

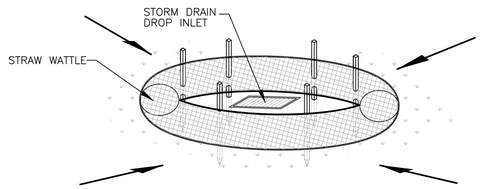
SCALE: NONE



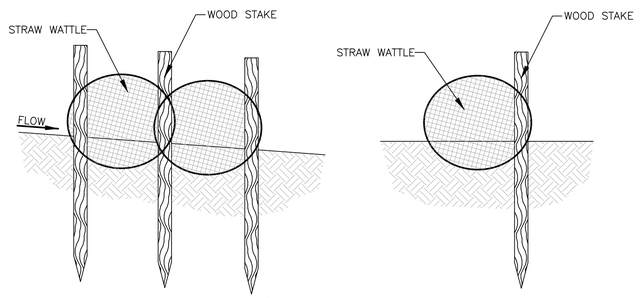
Inlet Box Protection



Plan View



Drop Inlet Protection



Stake Detail

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REVISIONS

DATE	DESCRIPTION
02/15/24 NF	TWWID Comments
02/28/24 NF	GE Comments
03/21/24 NF	GE Comments
04/16/24 NF	Lot Grades

Bristol Farms
WEBER COUNTY, UTAH

Storm Water Pollution Prevention Plan Details

REGISTERED PROFESSIONAL ENGINEER
5338480
JEREMY A. DRAPER
04/17/2024
STATE OF UTAH

Project Info.
Engineer: JEREMY A. DRAPER, P.E.
Drafter: N. FICKLIN
Begin Date: NOVEMBER 2023
Name: BRISTOL FARMS SUBDIVISION
Number: 6298–22

24
24 Total Sheets