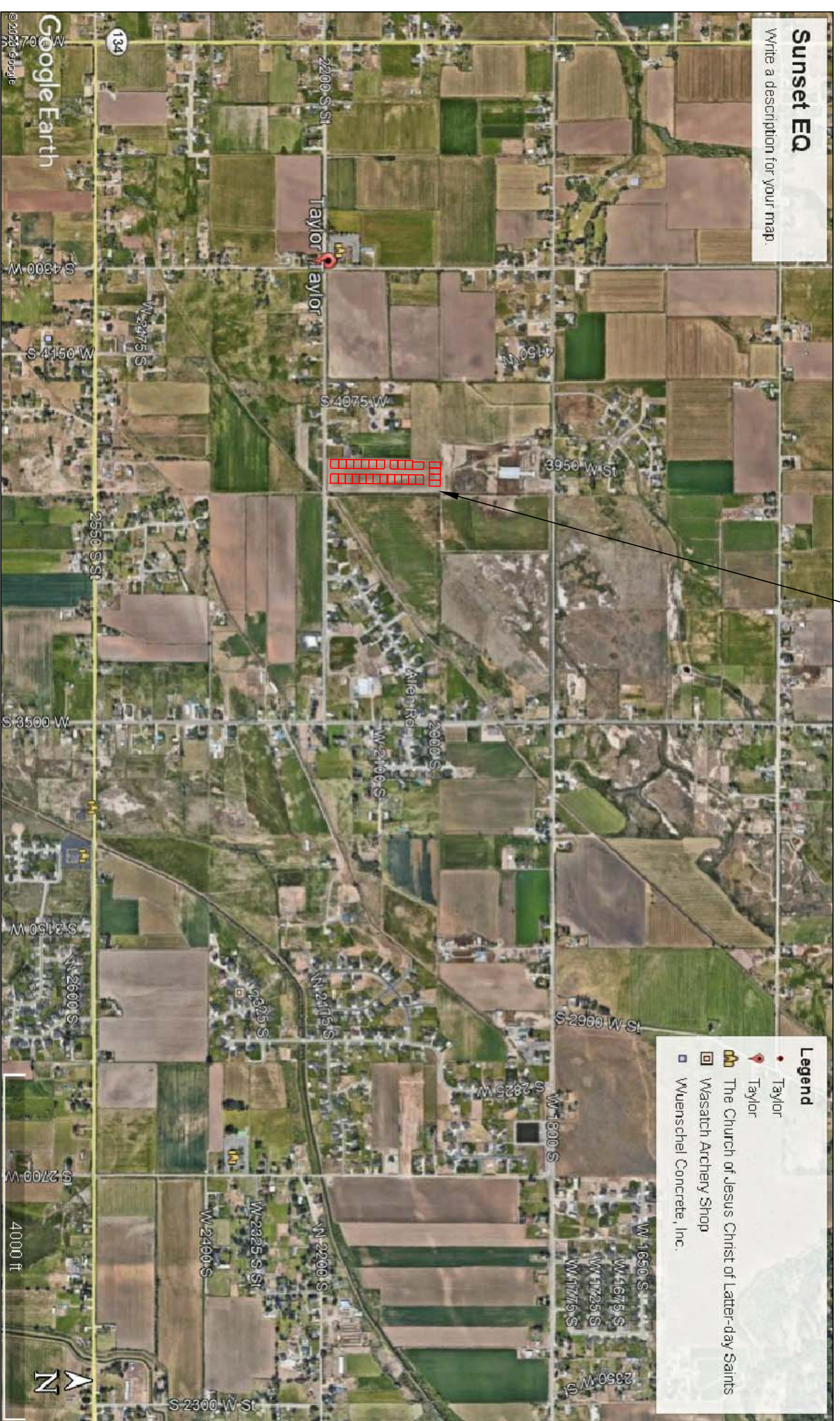


TAYLOR LANDING PHASE 1
A CLUSTER SUBDIVISION
 PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6 NORTH,
 RANGE 2 WEST,
 SALT LAKE BASELINE AND MERIDIAN
 WEBER COUNTY, TAYLOR, UTAH
INDEX SHEET

OWNER/DEVELOPER
SIERRA HOMES

CIVIL ENGINEER
ALLIANCE CONSULTING
ENGINEERS, INC.
150 EAST 200 NORTH SUITE P
LOGAN, UTAH 84321
435-755-5121



VICINITY MAP

SHEET NO.	SHEET DESCRIPTION
1	INDEX SHEET
2	3940 WEST ROAD PLAN
3	1470 WEST/2130 SOUTH CONSTRUCTION
4	IRRIGATION RE-ROUTE PLAN
5	GRADING/DRAINAGE PLAN

GENERAL NOTES (APPLICABLE TO ALL CIVIL SHEETS)

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND UTAH STANDARDS, STATE OF UTAH, AND ANY OTHER APPLICABLE STANDARDS ISSUED BY THE CONTROLLING AGENCY.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION. ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER. ANY WORK COMPLETED WITHOUT DANGERS SUCH IS DONE SO AT THE CONTRACTORS EXPENSE.
3. CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY AREAS AND/OR MATERIALS DAMAGED DURING CONSTRUCTION.
4. CONTRACTOR SHALL MAINTAIN ALL ADJACENT PROPERTY (PUBLIC & PRIVATE) FROM ALL CONSTRUCTION DEBRIS.
5. CONTRACTOR SHALL PROVIDE SMOOTH TRANSITION FROM ALL NEW CONSTRUCTION TO EXISTING CONDITIONS.
6. CONTRACTOR SHALL PROVIDE ALL NECESSARY AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES.
7. CONTRACTOR SHALL REPLACE SURVEY MONUMENTS DAMAGED DURING CONSTRUCTION. SURVEY MONUMENTS TO BE REPLACED BY A REGISTERED, LICENSED LAND SURVEYOR.
8. CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, INCLUDING FIBER OPTIC. ANY DAMAGES TO EXISTING UTILITIES WILL BE REPAIRED AT CONTRACTORS EXPENSE.
9. DIMENSIONS SHOWN ARE TO THE CENTER OF THE PIPELINE UNLESS OTHERWISE NOTED.
10. DISTANCES SHOWN ALONG PIPELINES ARE HORIZONTAL DISTANCES AND NOT ACTUAL PIPE LENGTHS. MORE PIPE MAY BE REQUIRED TO COMPLETE CONSTRUCTION THAN IS DIMENSIONED IN THE PLANS.
11. CONTRACTOR IS REQUIRED TO HAVE A SET OF PLANS ON THE SITE AT ALL TIMES. ANY WORK COMPLETED WITHOUT A SET PRESENT IS DONE SO AT THE CONTRACTORS RISK AND EXPENSE IF ERRORS OCCUR.
12. CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER NECESSARY FOR DUST ABATEMENT, COMPACTON, ETC.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING SOURCES FOR GRANULAR MATERIALS, WATER, WASTE SITES, AND ANY OTHER MATERIALS SOURCES AS REQUIRED FOR PROJECT COMPLETION.
14. ANY WORK DONE WITHIN A PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE APPROPRIATE TRANSPORTATION AGENCY AND SHALL MEET THE REQUIREMENTS OF THAT AGENCY AND THE REQUIREMENTS OF ANY RIGHT-OF-WAY OR SPECIAL USE PERMITS.
15. THE CONTRACTOR SHALL COORDINATE ALL LIVE TAPS AND ANY OTHER WORK OR MANIPULATION OF THE EXISTING WATER SYSTEM WITH THE COUNTY.
16. ON SLOPING AREAS THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MITIGATE ANY POSSIBLE EROSION PROBLEMS. THESE PRECAUTIONS DUE TO STORM WATER RUN OFF MIGHT OCCUR DURING OR AFTER CONSTRUCTION AS DIRECTED OR APPROVED BY ENGINEER.
17. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS DETAILED IN THE PROJECT PLANS UNTIL FINAL ACCEPTANCE OF THIS PROJECT.
18. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONS NECESSARY TO INSURE THAT NO STORM WATER/SEDIMENT AND/OR CONSTRUCTION DEBRIS ARE RELEASED FROM THE SITE. ANY RELEASES SHALL BE CLEANED AND MITIGATED AT THE CONTRACTORS EXPENSE.
19. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACCESS AND RELATED TRAFFIC CONTROL WITH THE COUNTY, CITY, AND STATE ROADWAY DEPARTMENTS. THE ENGINEER SHALL REVIEW ALL TRAFFIC CONTROL PLANS.
20. CONTRACTOR SHALL PROVIDE ALL NECESSARY FITTINGS, HARDWARE, LABOR, ETC. TO MAINTAIN ALL EXISTING UTILITIES AND SERVICES NEEDED TO MEET THE REQUIRED GRADES, ALIGNMENTS AND COVER REQUIREMENTS.
21. ALL AIR RELEASE VALVES SHALL BE INSTALLED AT THE CREST OF THE VERTICAL CURVATURE OF THE WATER LINE. CONTRACTOR SHALL RECORD ACTUAL LOCATION OF VALVES ON FIELD RECORD DRAWINGS.
22. THE CONTRACTOR SHALL COORDINATE WITH WEBER COUNTY FOR ALL UTILITY INSPECTIONS PRIOR TO BACKFILLING.
23. ALL WATER SYSTEM COMPONENTS SHALL BE INSTALLED, PRESSURE TESTED, AND CHLORINATED PRIOR TO COMPLETING ANY ROADWAY CONSTRUCTION.

CITY ENGINEER'S CERTIFICATE OF APPROVAL

I hereby approve the above plat having reviewed it for conformity with standard engineering practice and Logan City's Subdivision Ordinance

Date _____ Webber County Engineer

FOR REVIEW
8-3-2020

ALLIANCE CONSULTING ENGINEERS
 150 EAST 200 NORTH SUITE P
 LOGAN, UTAH 84321
 (435)755-5121
 allianceengr@qwestoffice.net

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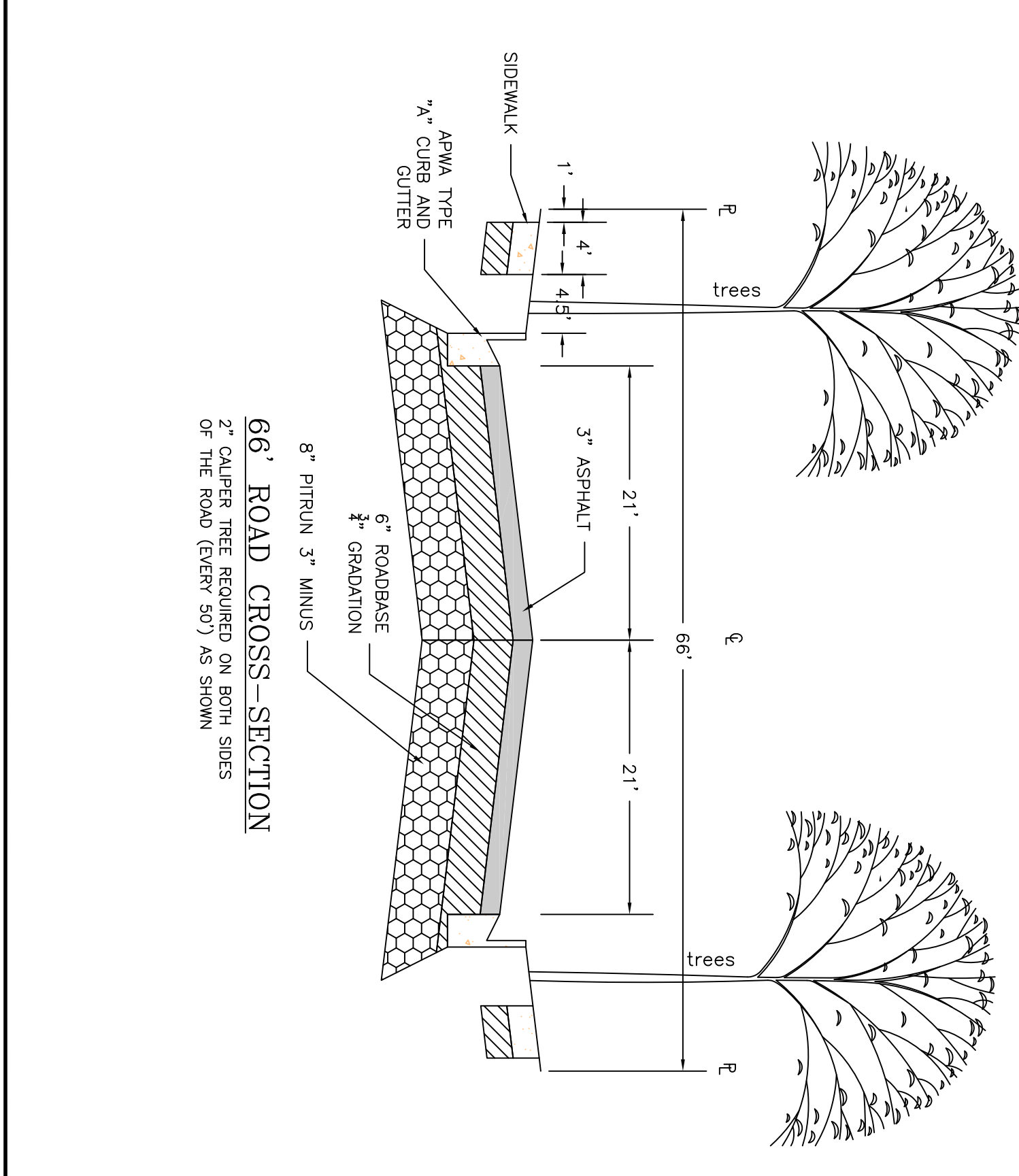
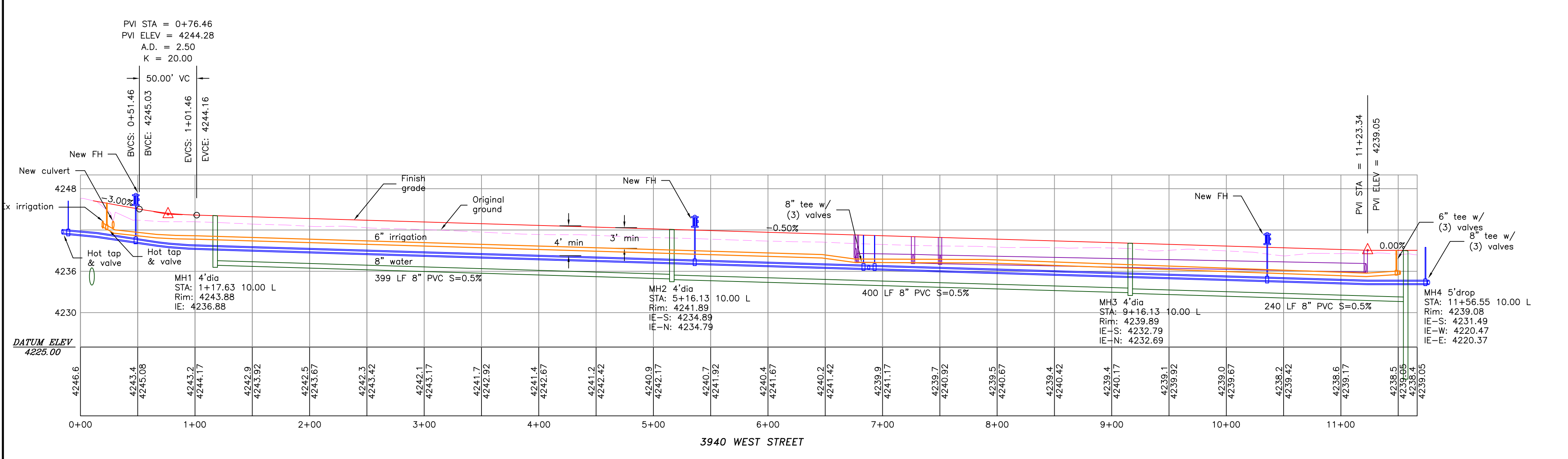
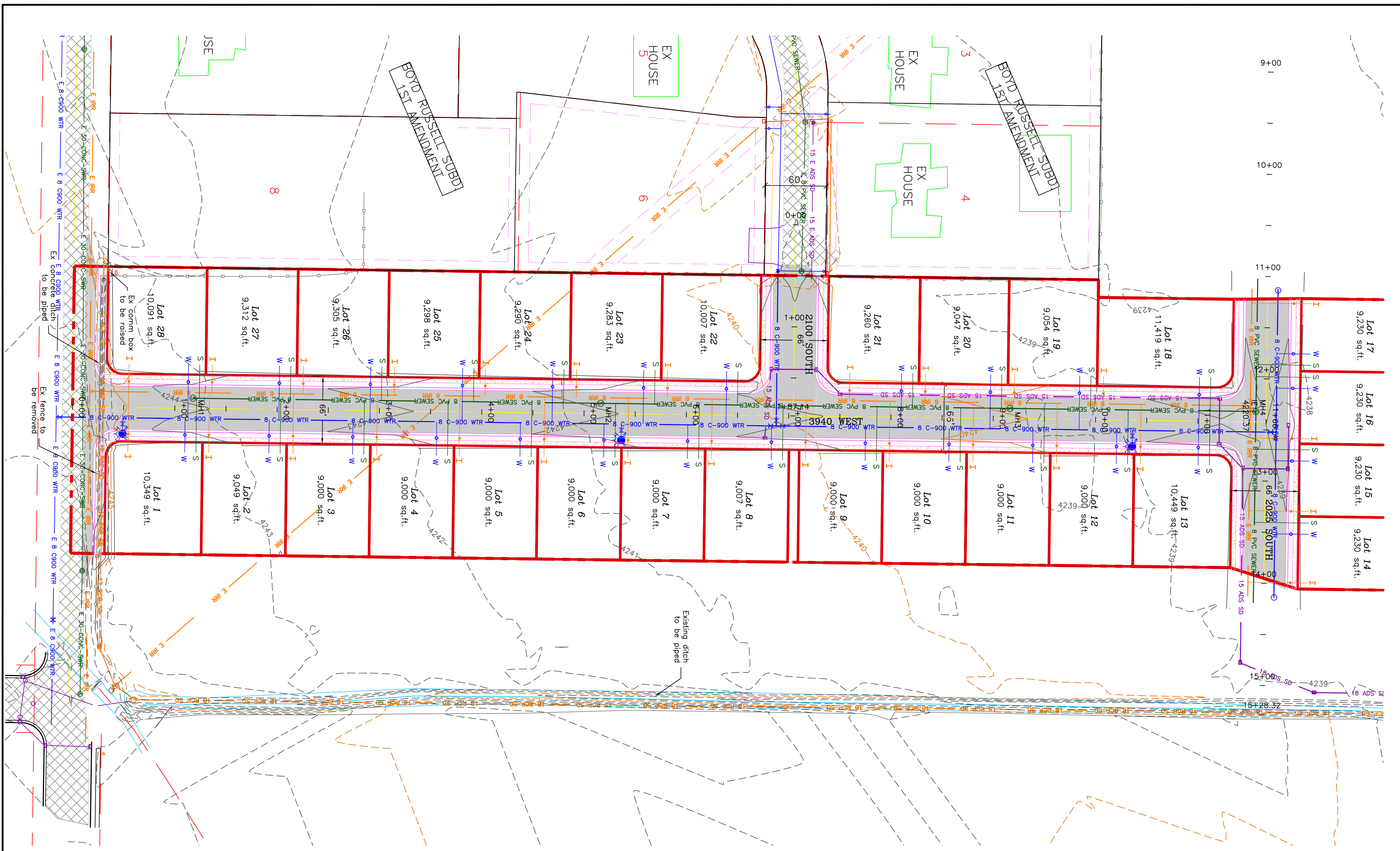
No.	REVISIONS/ SUBMISSIONS	DATE

REVIEWED :	DRAWN :
CAD FILE :	PROJECT NO. :

TAYLOR LANDING PHASE 1
A CLUSTER SUBDIVISION

INDEX SHEET

DATE : JULY 2020
 DRAWING No. **1**



66' ROAD CROSS-SECTION
2" CALIBER TREE REQUIRED ON BOTH SIDES OF THE ROAD (EVERY 50') AS SHOWN

TAYLOR LANDING PHASE 1
A CLUSTER SUBDIVISION
PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6 NORTH, RANGE 2 WEST, SALT LAKE BASIN AND MERIDIAN WEBER COUNTY, TAYLOR, UTAH
3940 WEST ROAD PLAN

0 30 60 120
SCALE: 1"=60' (22x34 PLAN SET)
SCALE: 1"=10' VERTICAL

- BOUNDARY LINE
- LOT LINE
- CENTERLINE
- UTILITY EASEMENT LINE
- EXISTING FENCE
- EXISTING WATER AS NOTED
- PROPOSED 8" PVC C-900 OR 21" WATER
- PROPOSED 3/4" POLY WATER SERVICE
- EXISTING SEWER AS NOTED
- PROPOSED 8" SDR 35 SEWER AS NOTED
- PROPOSED 4" SEWER LATERAL
- EXISTING IRRIGATION AS NOTED
- PROPOSED 6" IRRIGATION MAIN
- PROPOSED 3/4" IRRIGATION SERVICE W/ CURB STOP
- EXISTING STORM SYSTEM
- PROPOSED STORM SYSTEM
- EXISTING MAJOR CONTOUR (5')
- EXISTING MINOR CONTOUR (1')
- EXISTING ASPHALT
- PROPOSED ASPHALT
- PROPOSED CONCRETE

PROJECT TITLE
TAYLOR LANDING PHASE 1
A CLUSTER SUBDIVISION

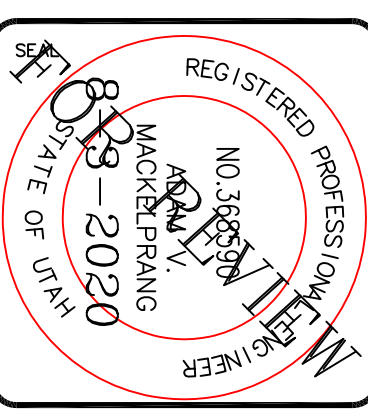
DRAWING TITLE
3940 WEST ROAD PLAN

No.	REVISIONS/ SUBMISSIONS	DATE

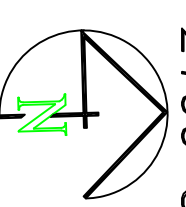
REVIEWED: _____ DRAWN: _____
CAD FILE: _____ PROJECT NO.: _____

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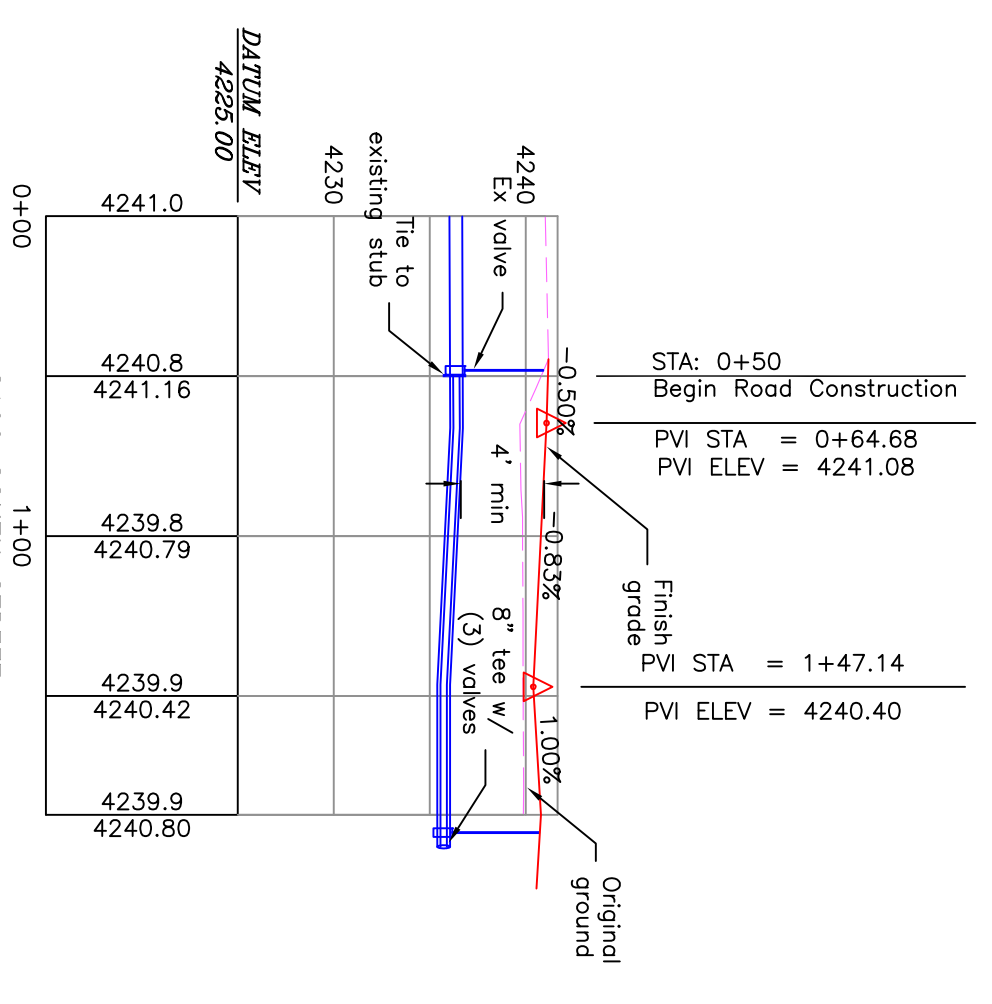
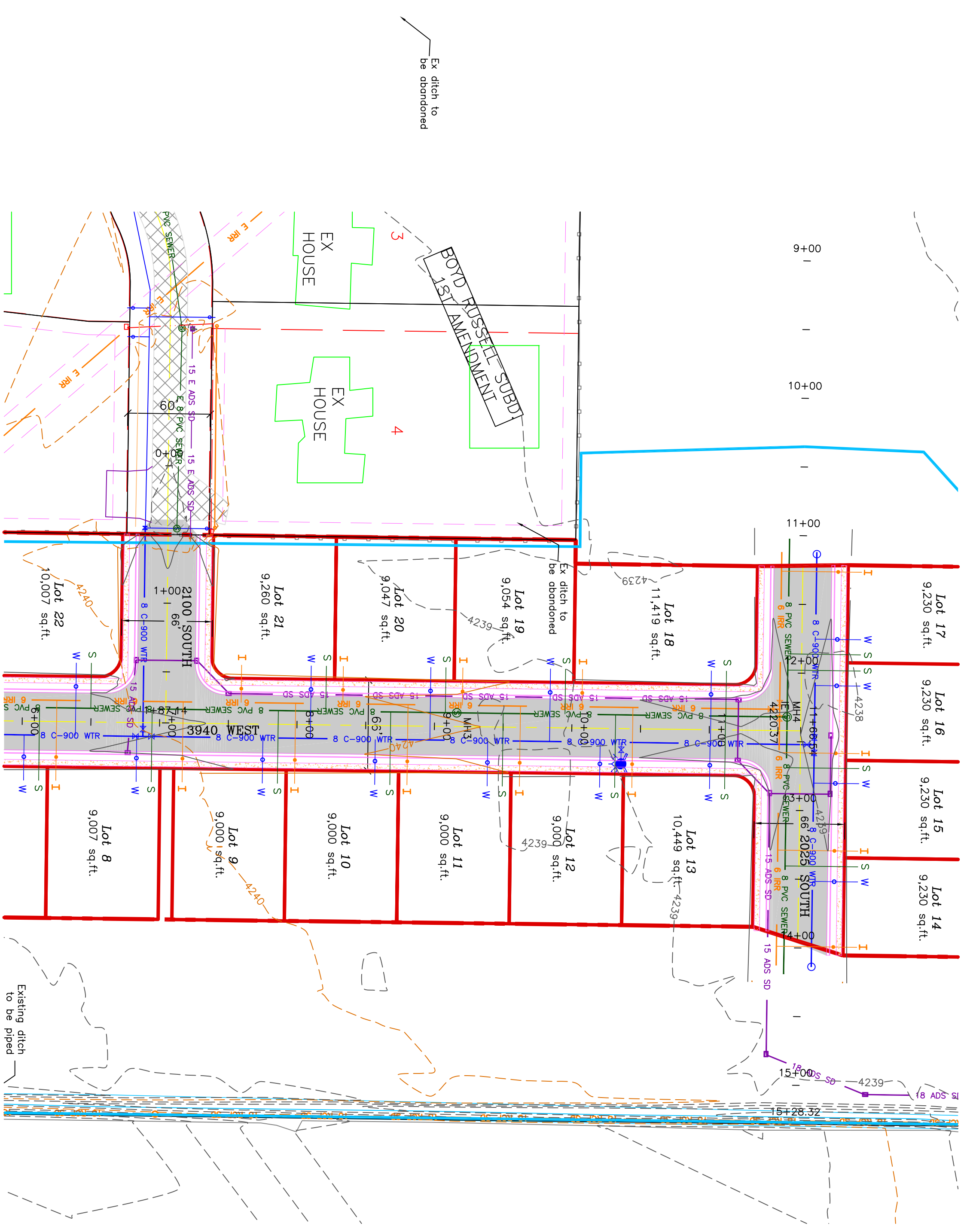
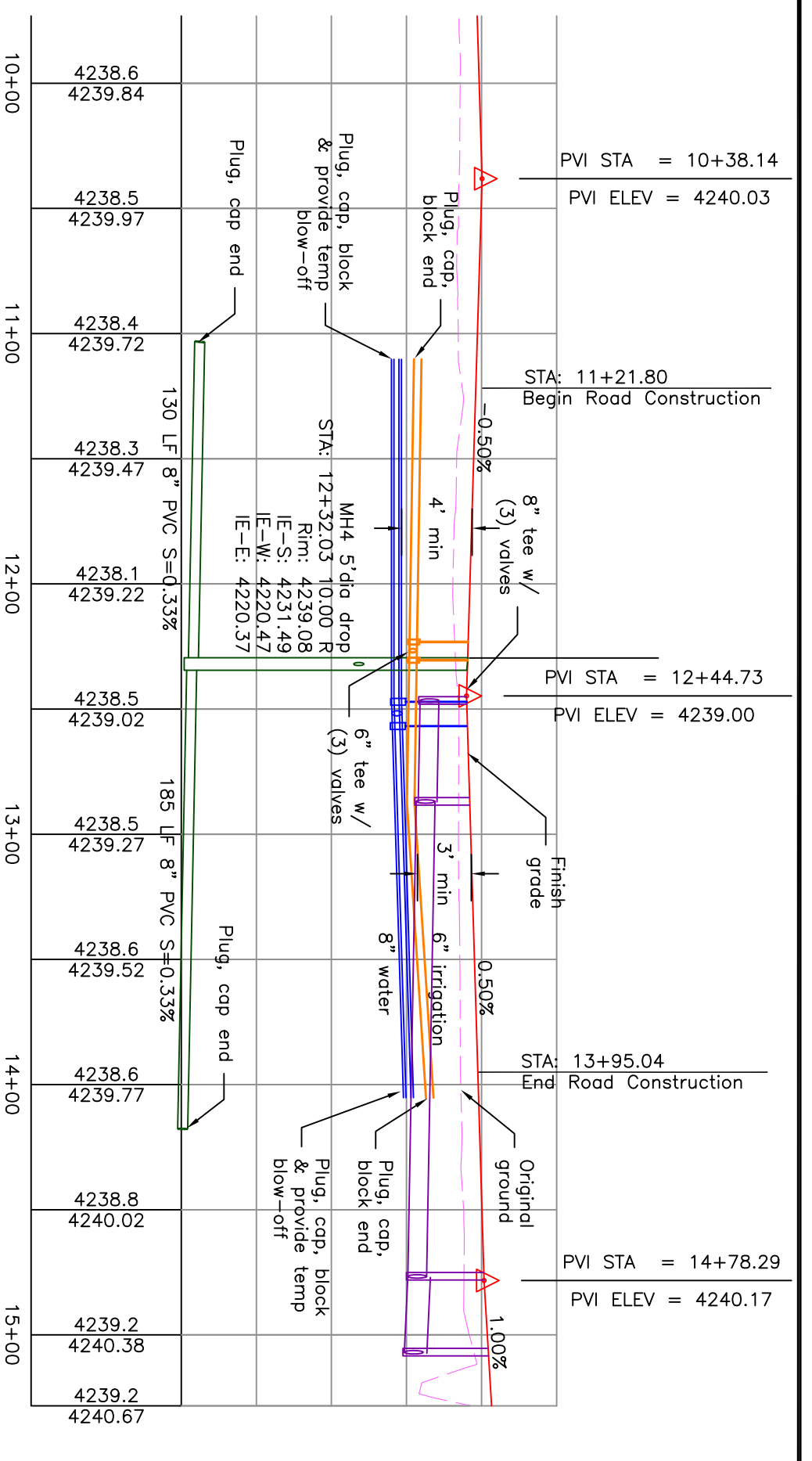
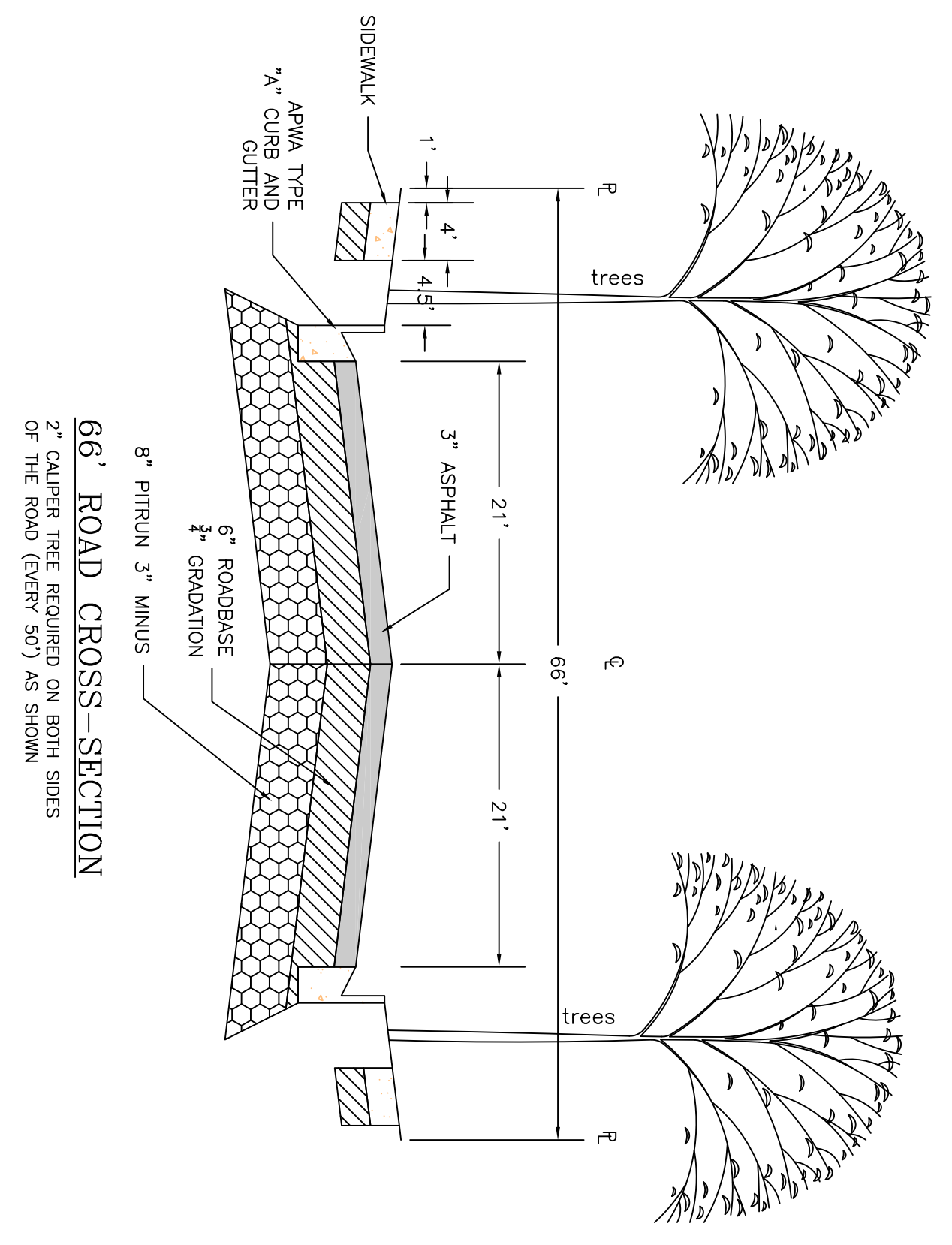
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alliancelogan@yahoo.com



TAYLOR LANDING PHASE 1
A CLUSTER SUBDIVISION
 PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6
 SALT LAKE BASELINE AND MERIDIAN
 WEBER COUNTY, TAYLOR, UTAH
2025 SOUTH/ 2100 SOUTH ROAD PLAN



- 0 30 60 120
 SCALE: 1"=60' (22x34 PLAN SET)
 SCALE: 1"=10' VERTICAL
- BOUNDARY LINE
 - LOT LINE
 - CENTERLINE
 - UTILITY EASEMENT LINE
 - EXISTING FENCE
 - EXISTING WATER AS NOTED
 - PROPOSED 8" PVC C-900 DR 21 WATER
 - PROPOSED 3/4" POLY WATER SERVICE
 - EXISTING SEWER AS NOTED
 - PROPOSED 8" SDR 35 SEWER AS NOTED
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 - PROPOSED ASPHALT
 - PROPOSED CONCRETE

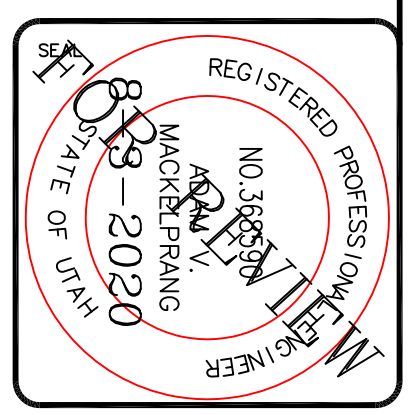


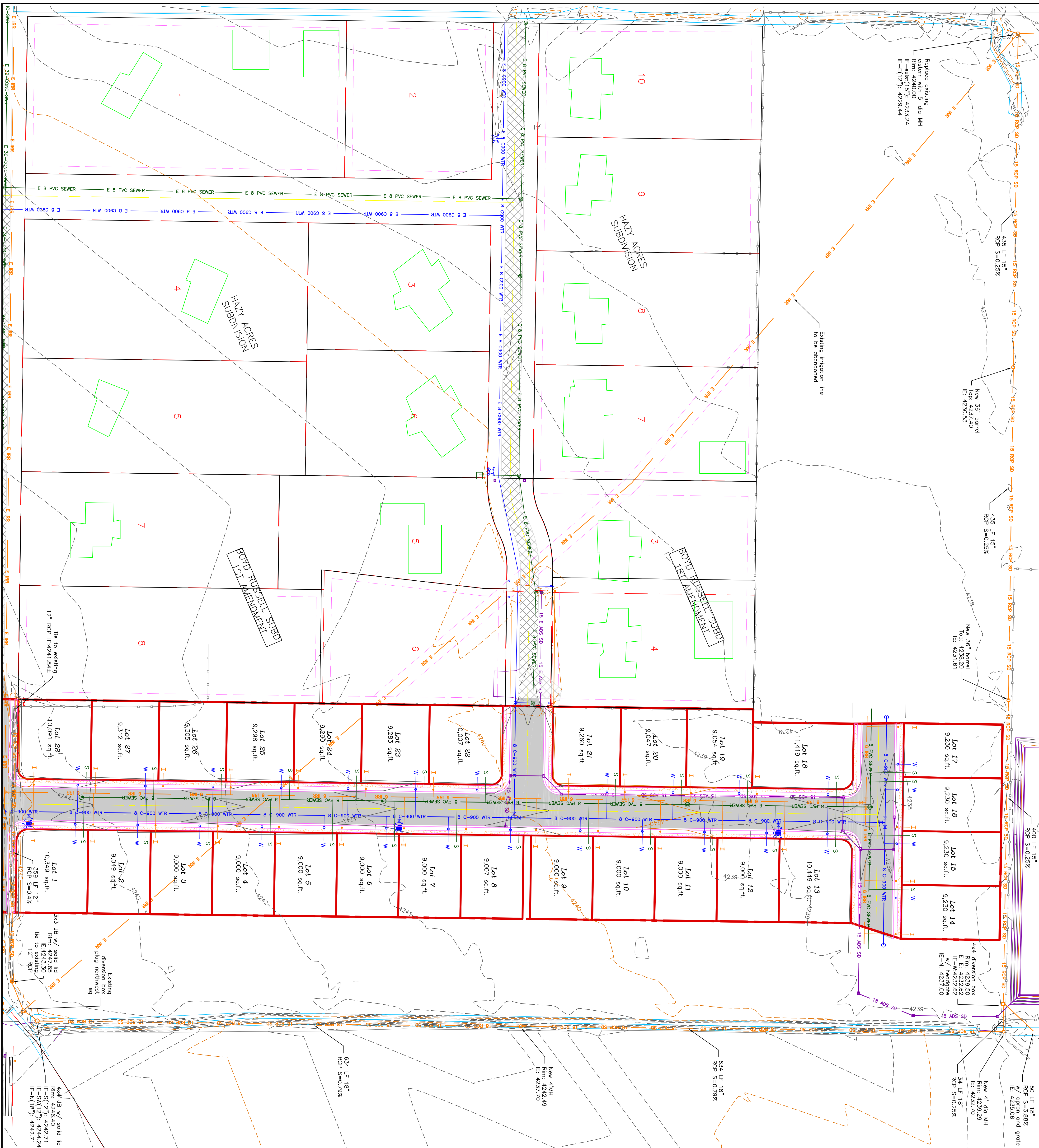
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DRAWING TITLE		2025 SOUTH/ 2100 SOUTH ROAD PLAN	

No.	REVISIONS/ SUBMISSIONS	DATE

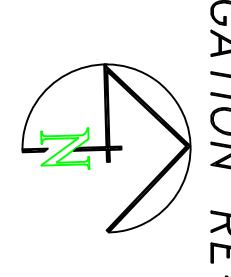
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TAYLOR LANDING PHASE 1
A CLUSTER SUBDIVISION
 PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6
 SALT LAKE BASELINE AND MERIDIAN
 WEBER COUNTY, TAYLOR, UTAH
IRRIGATION RE-ROUTE



0 30 60 120
 SCALE: 1"=60' (22x34 PLAN SET)
 SCALE: 1"=10' VERTICAL

- BOUNDARY LINE
- LOT LINE
- CENTERLINE
- UTILITY EASEMENT LINE
- EXISTING FENCE
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PROJECT TITLE
TAYLOR LANDING PHASE 1
A CLUSTER SUBDIVISION

DRAWING TITLE
IRRIGATION RE-ROUTE

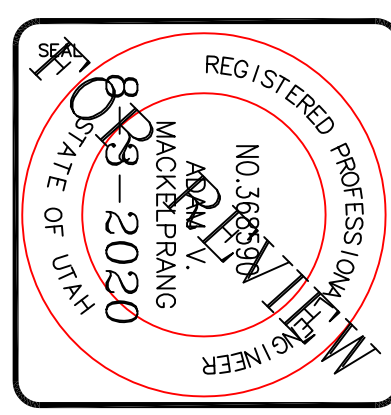
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No.	REVISIONS/ SUBMISSIONS	DATE

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TAYLOR LANDING PHASE 1

A CLUSTER SUBDIVISION

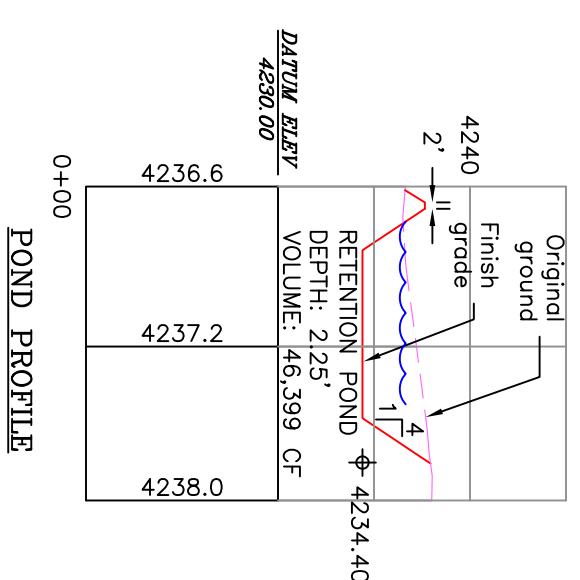
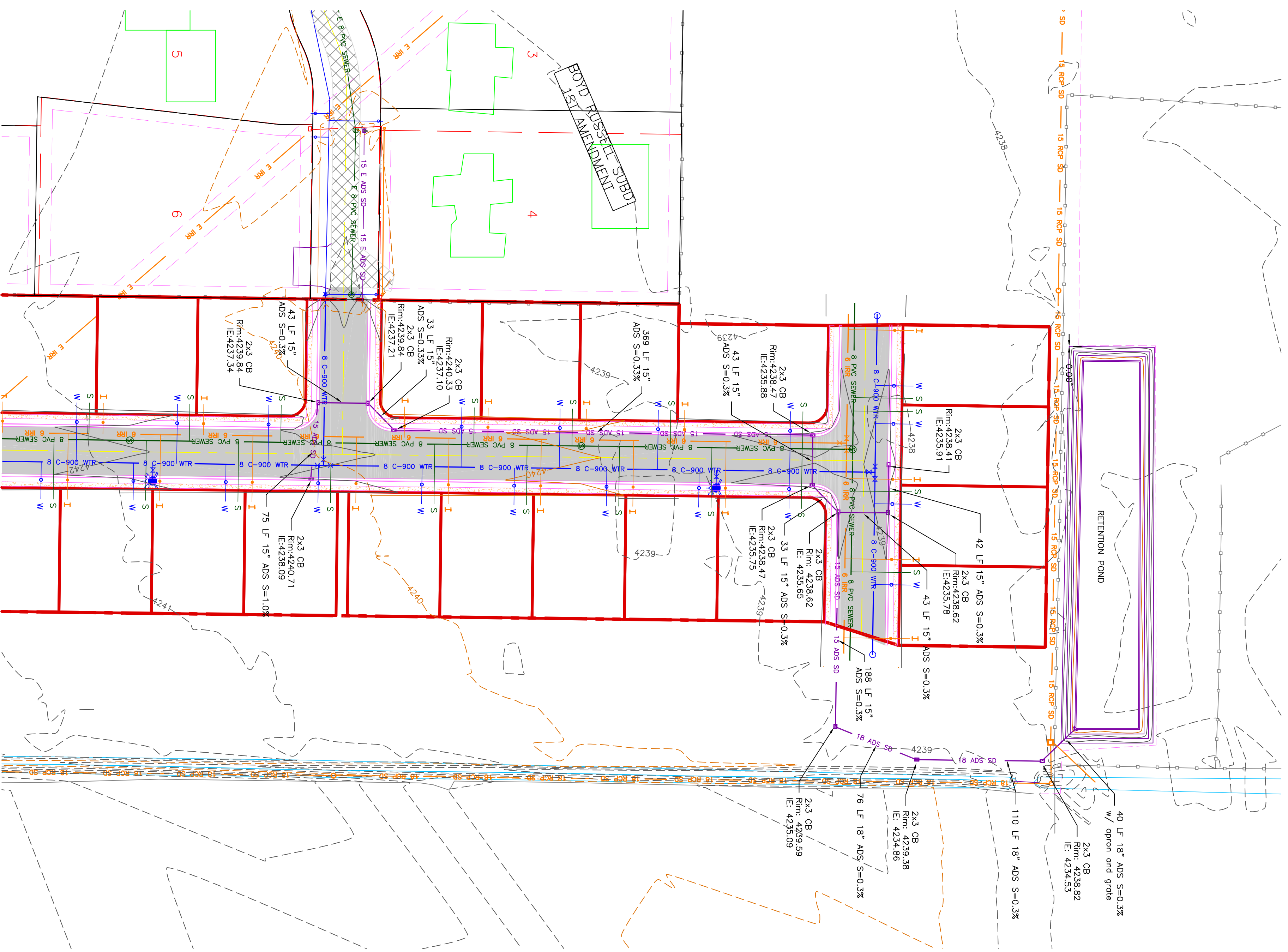
PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6
SALT LAKE BASELINE AND MERIDIAN
WEBER COUNTY, TAYLOR, UTAH

GRADING / DRAINAGE PLAN



0 30 60 120
SCALE: 1"=60' (2x3/4" PLAN SET)

- BOUNDARY LINE
- LOT LINE
- CENTERLINE
- UTILITY EASEMENT LINE
- EXISTING FENCE
- EXISTING WATER AS NOTED
- PROPOSED 8" PVC C-900 DR 21 WATER
- PROPOSED 3/4" POLY WATER SERVICE
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- PROPOSED CONCRETE



Drainage Areas to Pond:		13.70 acres								
Weighted "C" value for Pond Drainage Area:	0.46									
Allowable Infiltration Rate:	Hyd D	0.6 inches/hr =	0.0008 ft/min							
Pond Bottom Area:	76 ft x	350 ft =	26800 sq. ft.							
Allowable Discharge Rate:		0.0 cfs/acre								
100-Year Return Period										
Precip. Intensity (in/hr)	Precip. Depth (in)	Area (ac)	C	Cx(Ax360) (ft ³ /min)	Accum. Inflow (ft ³ /min)	Allowable Discharge (ft ³ /min)	Accum. Discharge (ft ³)	Required Storage (ac-ft)		
5	6.52	0.54	13.7	0.46	22876.26	12421.809	22	111	12311	0.28
10	4.96	0.83	13.7	0.46	22876.26	18895.191	22	222	18874	0.43
15	4.08	1.02	13.7	0.46	22876.26	23333.785	22	332.8	23001	0.53
20	2.76	1.58	13.7	0.46	22876.26	31989.238	22	466	30904	0.71
30	2.00	2.12	13.7	0.46	22876.26	42546.844	22	650	39680	0.87
120	0.93	1.88	13.7	0.46	22876.26	43682.606	22	7890	39473	0.91
180	0.63	1.90	13.7	0.46	22876.26	48497.214	22	7980	40517	0.93
360	0.35	2.12	13.7	0.46	22876.26	59476.446	22	15890	43816	1.00
720	0.22	2.80	13.7	0.46	22876.26	65863.629	22	31920	33864	0.78
1440	0.12	2.88	13.7	0.46	22876.26	65863.629	22	31920	33864	0.78

* Precip. intensity values derived from NOAA