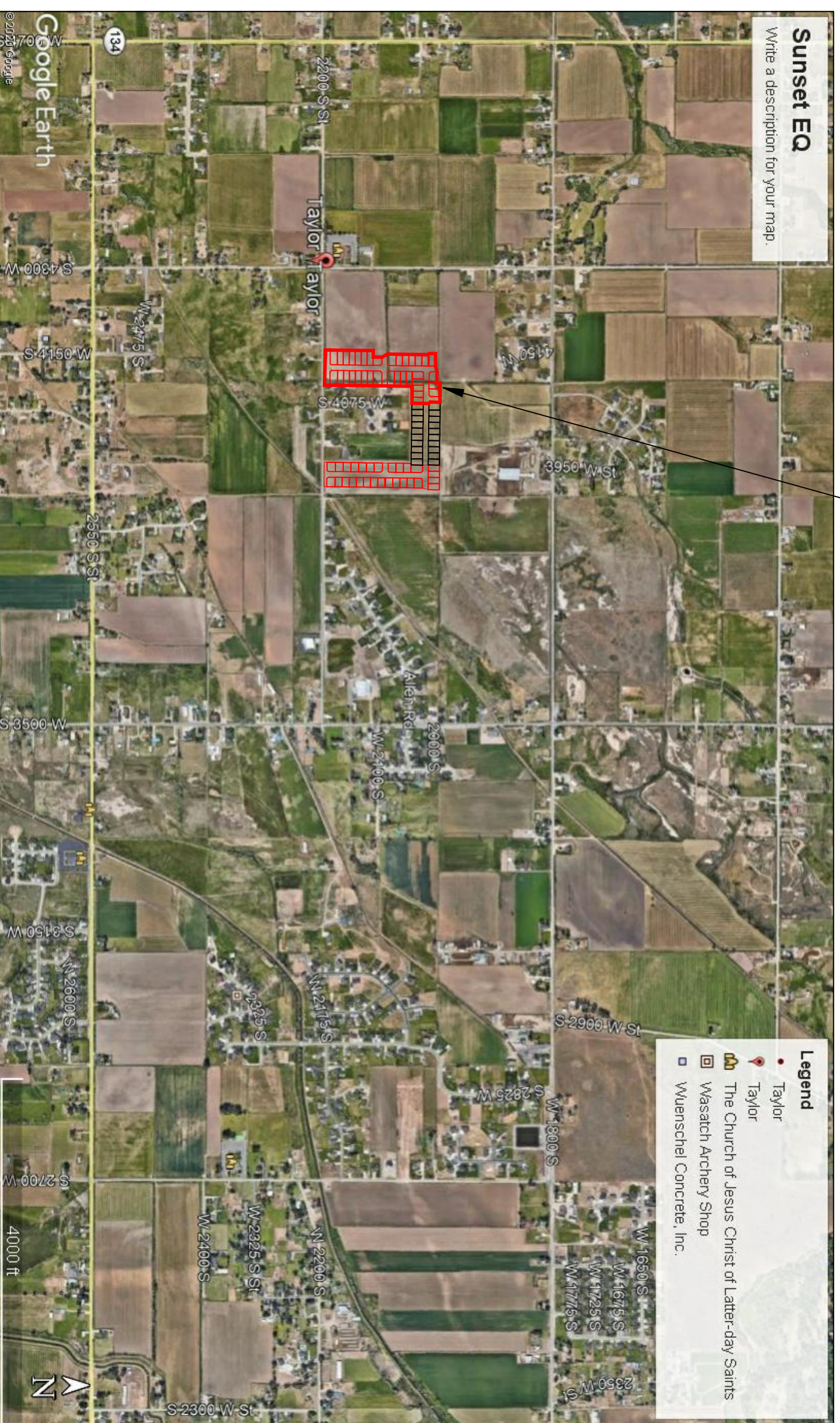


**TAYLOR LANDING PHASE 3**  
**A CLUSTER SUBDIVISION**  
 PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6 NORTH,  
 RANGE 2 WEST,  
 SALT LAKE BASELINE AND MERIDIAN  
 WEBER COUNTY, TAYLOR, UTAH  
**INDEX SHEET**

**OWNER/DEVELOPER**  
**SIERRA HOMES**

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



**VICINITY MAP**

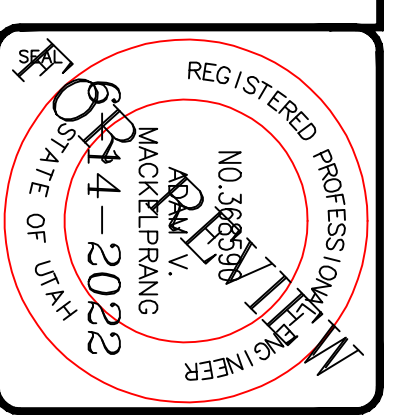
SHEET NO.	SHEET DESCRIPTION
1	INDEX SHEET
2	4085 WEST/2025 SOUTH ROAD PLAN
3	4140 WEST ROAD PLAN
4	2100/2200 SOUTH ROAD PLAN
5	HYDROLOGY
6	GRADING/DRAINAGE PLAN
7	DETAILS
8	DETAILS
9	DETAILS

- GENERAL NOTES (APPLICABLE TO ALL CIVIL SHEETS):**
1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, WEBER COUNTY 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 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 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 TAYLOR-WEST WEBER WATER IMPROVEMENT DISTRICT. 24 HOURS IN ADVANCE OF AN PRE-CONSTRUCTION MEETING AND CONSTRUCTION ACTIVITY. 801-731-1688.
  16. ON SLOPING AREAS THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MITIGATE ANY POSSIBLE EROSION PROBLEMS IN THE TRENCHES DUE TO STORM WATER THAT 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 CONTRACTOR'S 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 CONSTRUCT VERTICAL AND HORIZONTAL BENDS IN PIPE AS 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.
  24. ALL WORK ON THE SECONDARY WATER SYSTEM IS TO BE DONE IN ACCORDANCE WITH HOOPER IRRIGATION COMPANY STANDARDS.
  25. ALL STRUCTURES IN THE SUBDIVISION ARE REQUIRED TO FOLLOW DARK SKY STANDARDS FOR ALL OUTDOOR LIGHTING AS GUIDED BY LUC Sec. 108-16

**COUNTY ENGINEER'S CERTIFICATE OF APPROVAL**

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

Date: \_\_\_\_\_ Weber County Engineer \_\_\_\_\_



**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 3**  
**A CLUSTER SUBDIVISION**

**INDEX SHEET**

DATE : DEC.2021  
 DRAWING No. \_\_\_\_\_



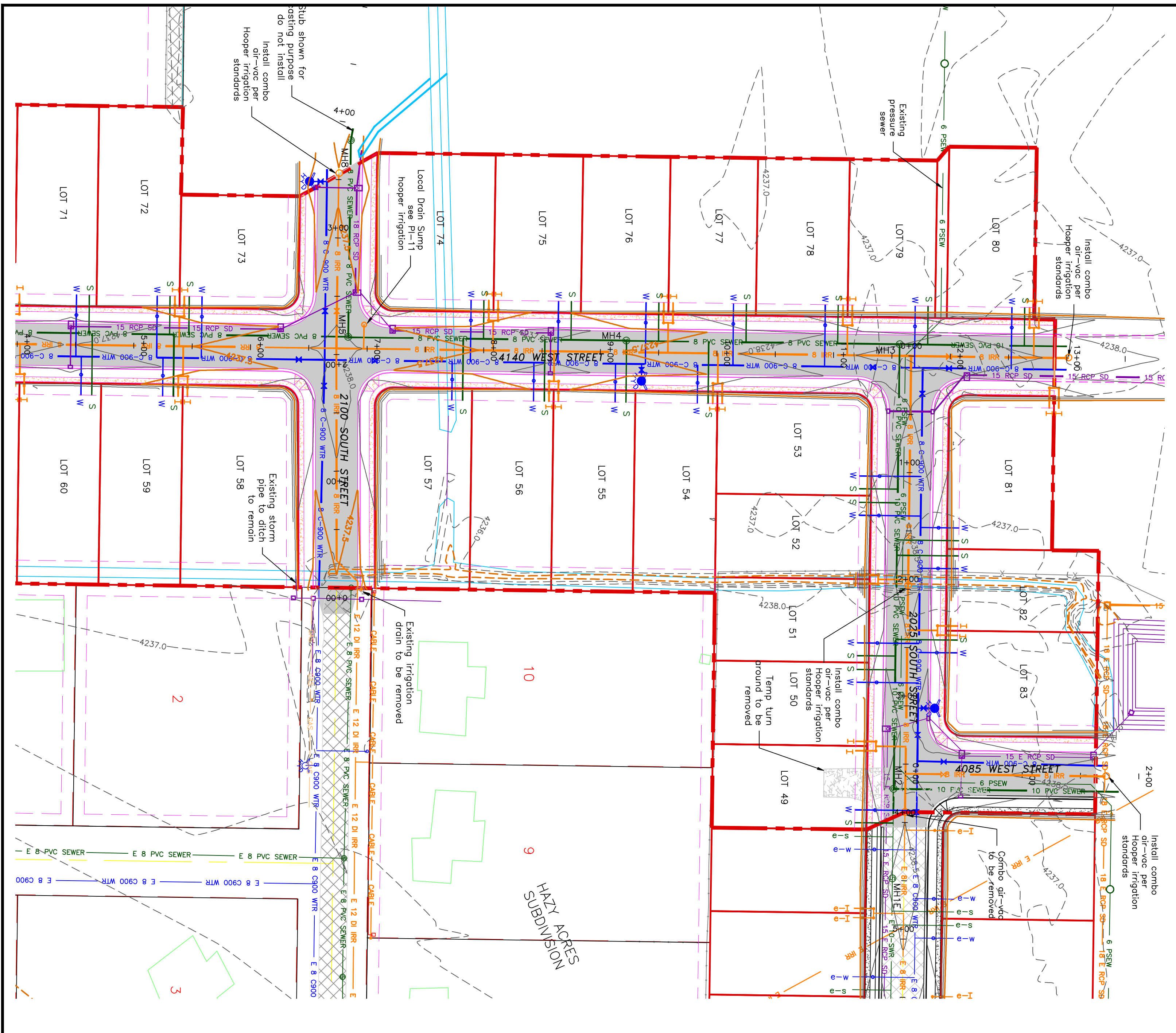
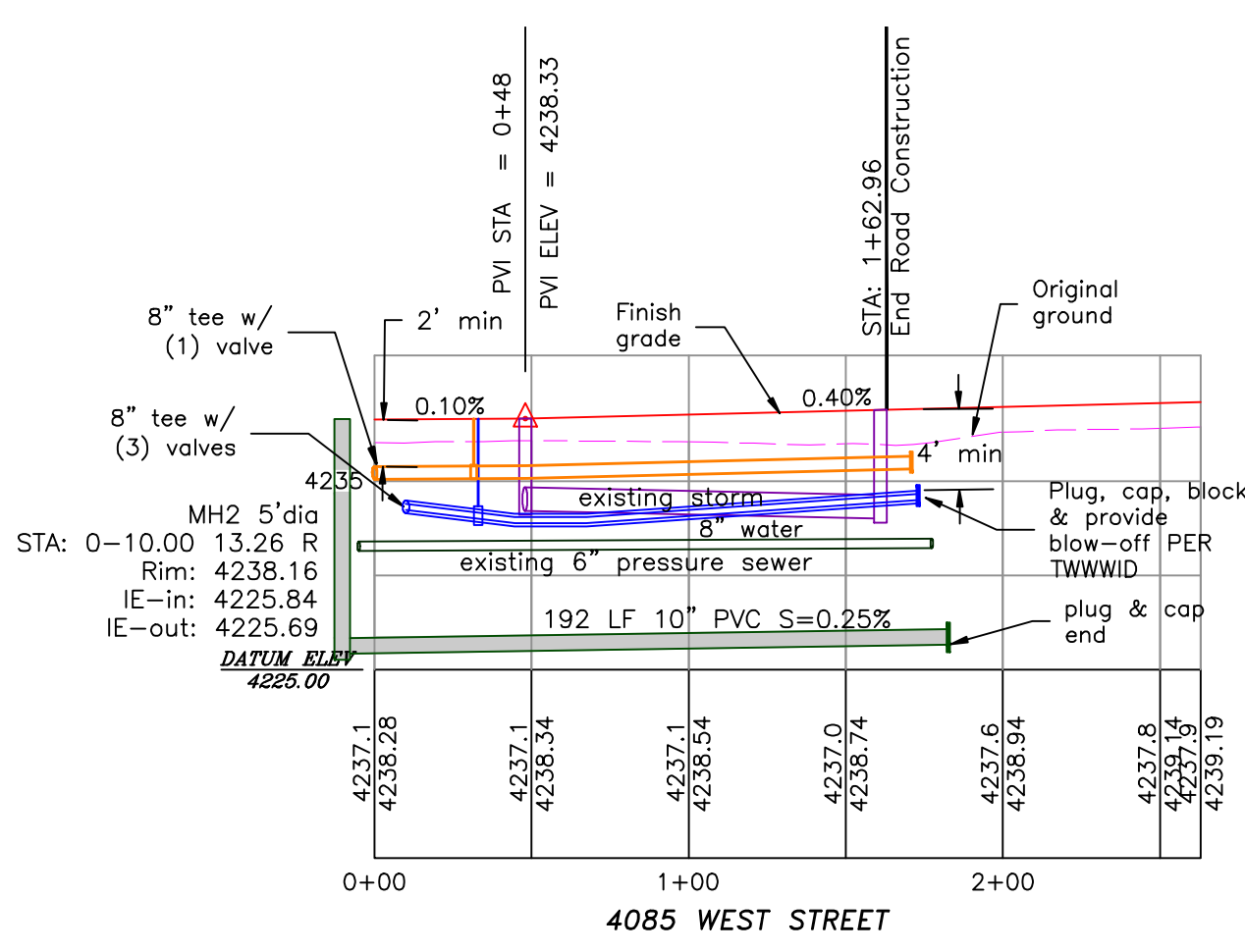
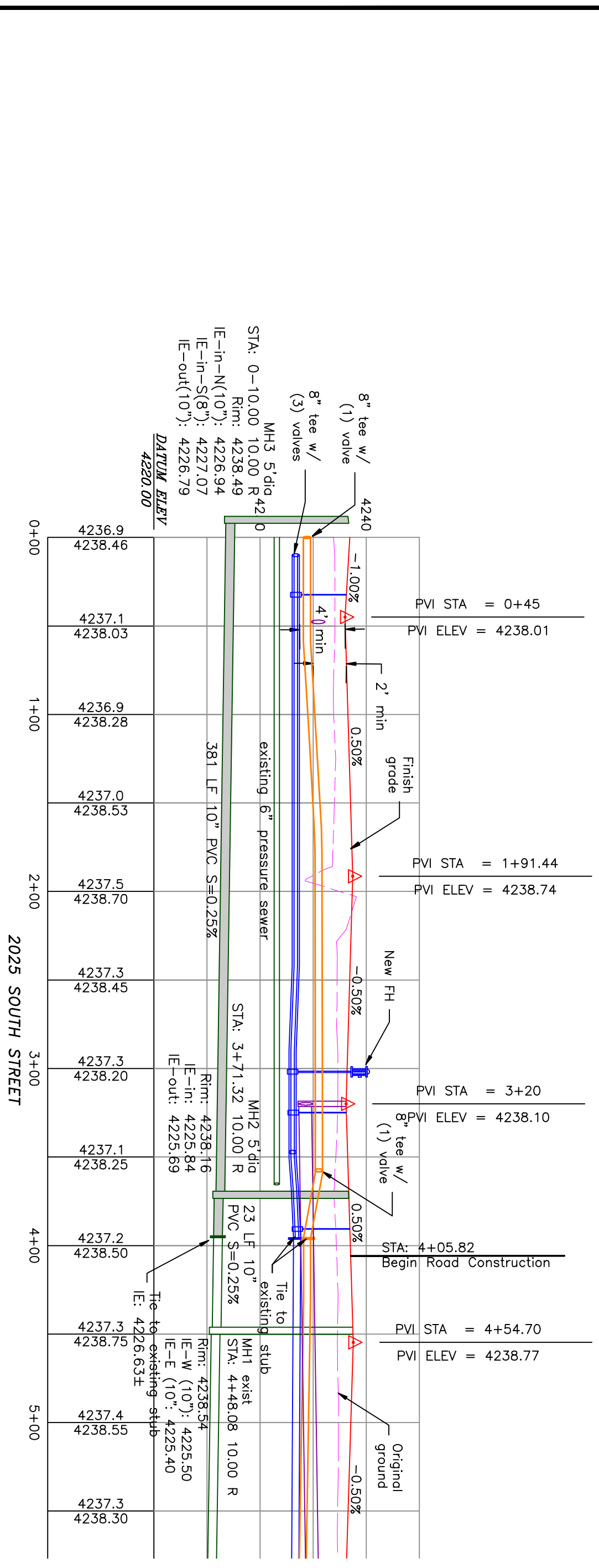
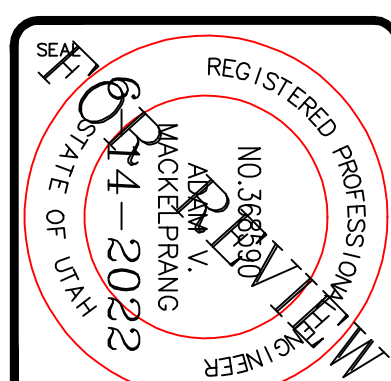
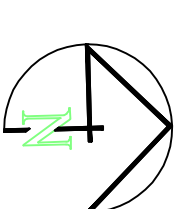
# TAYLOR LANDING PHASE 3

## A CLUSTER SUBDIVISION

PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6 NORTH, RANGE 2 WEST, WEBER COUNTY, TAYLOR, UTAH

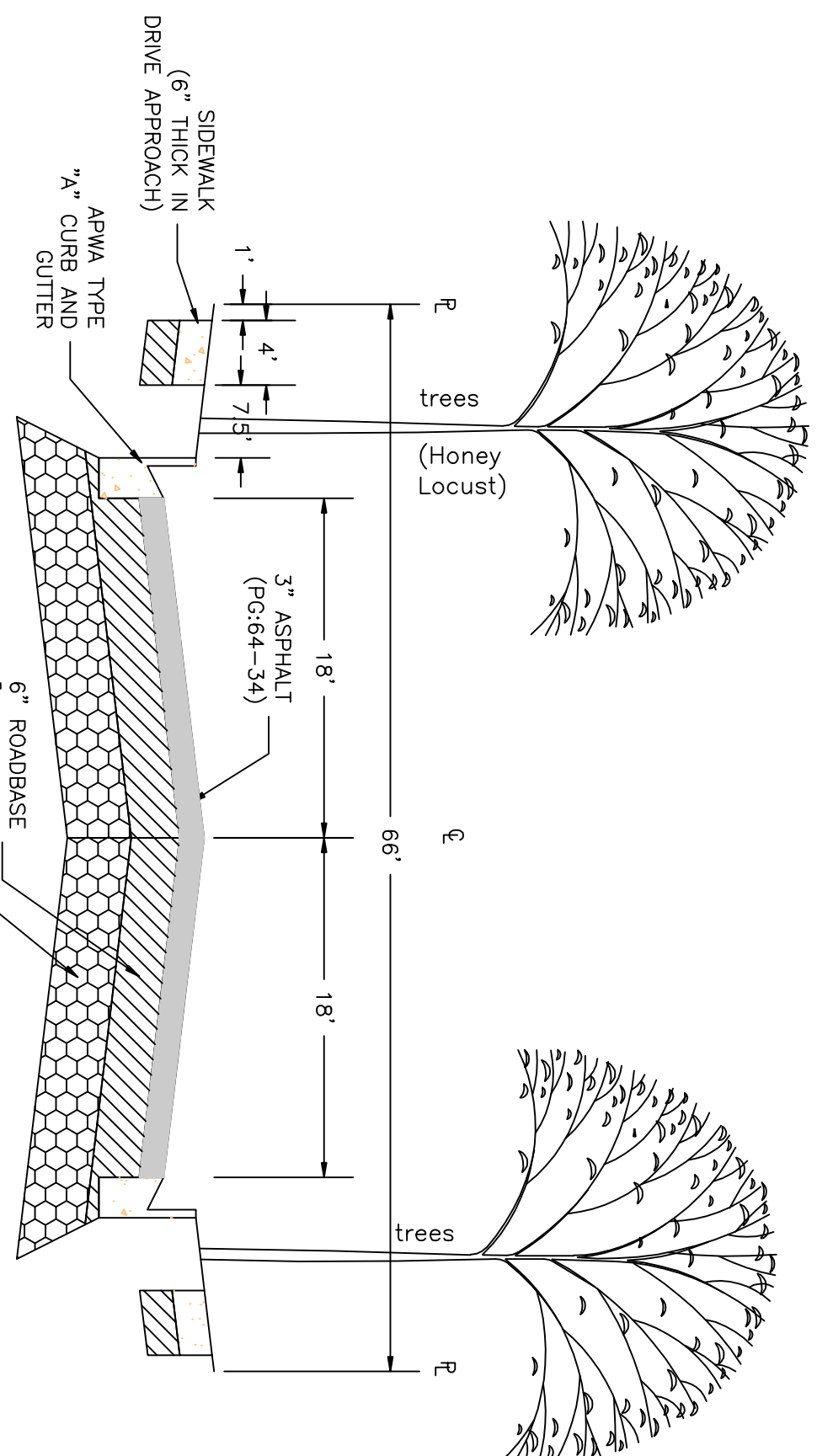
### 4085 WEST/2025 SOUTH ROAD PLAN

0 30 60 120  
SCALE: 1"=60' (24x36 PLAN SET)  
SCALE: 1"=10' (VERTICAL)



- BOUNDARY LINE
- LOT LINE
- CENTERLINE
- UTILITY EASEMENT LINE
- FUTURE ROAD SHOWN FOR REFERENCE
- EXISTING FENCE
- EXISTING DITCH
- EXISTING WATER AS NOTED
- PROPOSED 8" PVC C-900 DR 18 WATER
- PROPOSED 1" CIS 200 PSI POLY WATER SERVICE
- EXISTING SEWER AS NOTED
- PROPOSED 8" SDR 35 SEWER AS NOTED
- PROPOSED 10" SDR 35 SEWER AS NOTED
- PROPOSED 4" SEWER LATERAL
- EXISTING 12" DI IRRIGATION
- PROPOSED 8" PVC C-900 DR 18 IRRIGATION MAIN, PURPLE
- PROPOSED 12" PVC C-900 DR 18 IRRIGATION MAIN, PURPLE
- PIPE WITH LOCATOR TIE AND 14GA LOCATOR WIRE
- PROPOSED IRRIGATION SERVICE PER HOOPER IRRIGATION COMPANY (see PI-10 hooper irrigation, double service unless otherwise noted)
- EXISTING STORM SYSTEM
- PROPOSED STORM SYSTEM AS NOTED
- EXISTING MAJOR CONTOUR (5')
- EXISTING MINOR CONTOUR (1')
- PROPOSED MAJOR CONTOUR (2.5')
- PROPOSED MINOR CONTOUR (0.5')
- EXISTING ASPHALT
- PROPOSED ASPHALT
- PROPOSED CONCRETE

Notes:  
All ADA ramps to include truncated domes grey in color. See APWA plan 235.1 example B unless there are special circumstances. Contractor to all work on the secondary water system is to be done in accordance with Hooper Irrigation Company Standards



#### 66" ROAD CROSS-SECTION

2" CALIPER TREE REQUIRED ON BOTH SIDES OF THE ROAD (EVERY 50') AS SHOWN

PROJECT TITLE  
**TAYLOR LANDING PHASE 3  
A CLUSTER SUBDIVISION**

DRAWING TITLE  
**4085 WEST/2025 SOUTH ROAD PLAN**

DATE: DEC.2021  
DRAWING No. 3

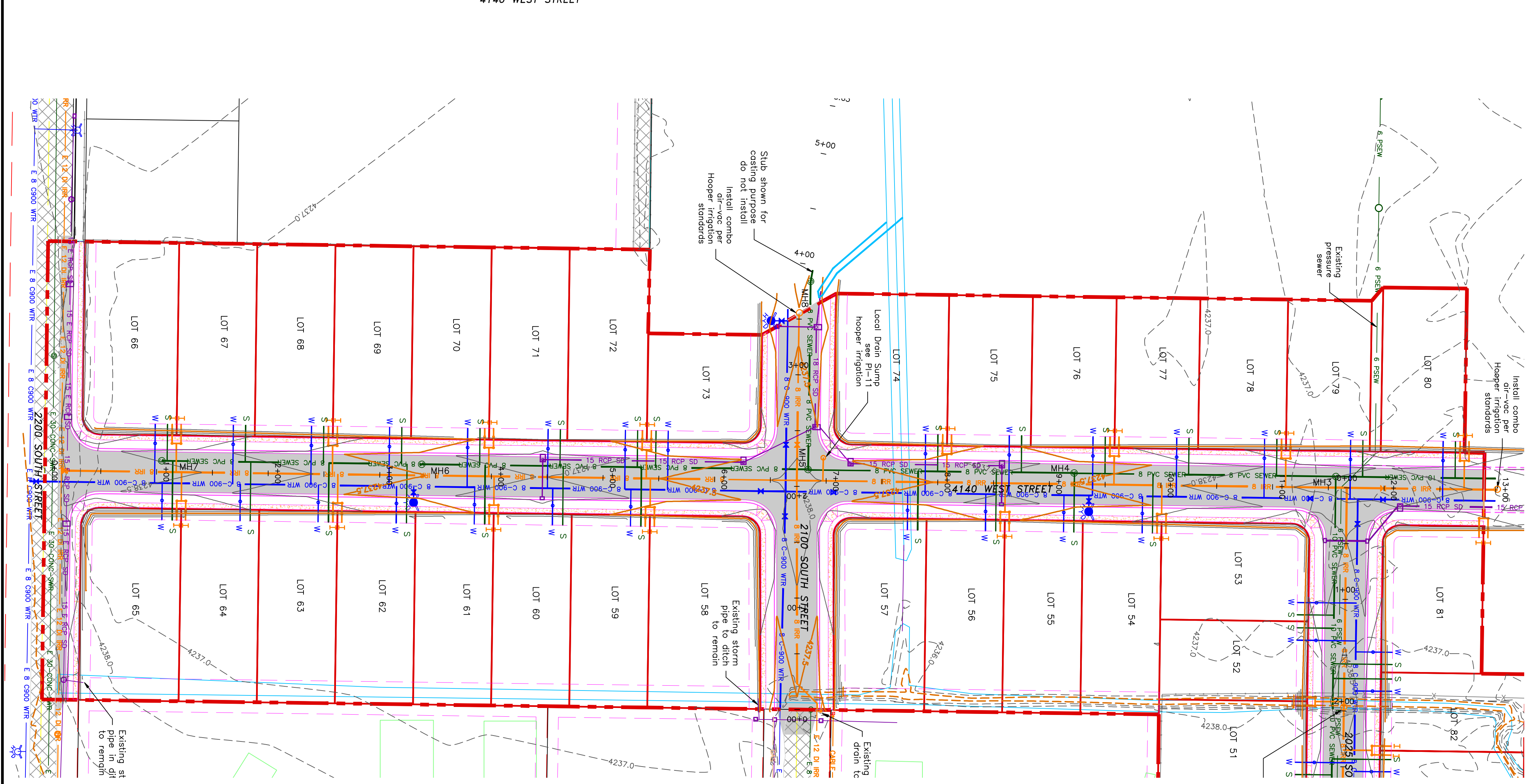
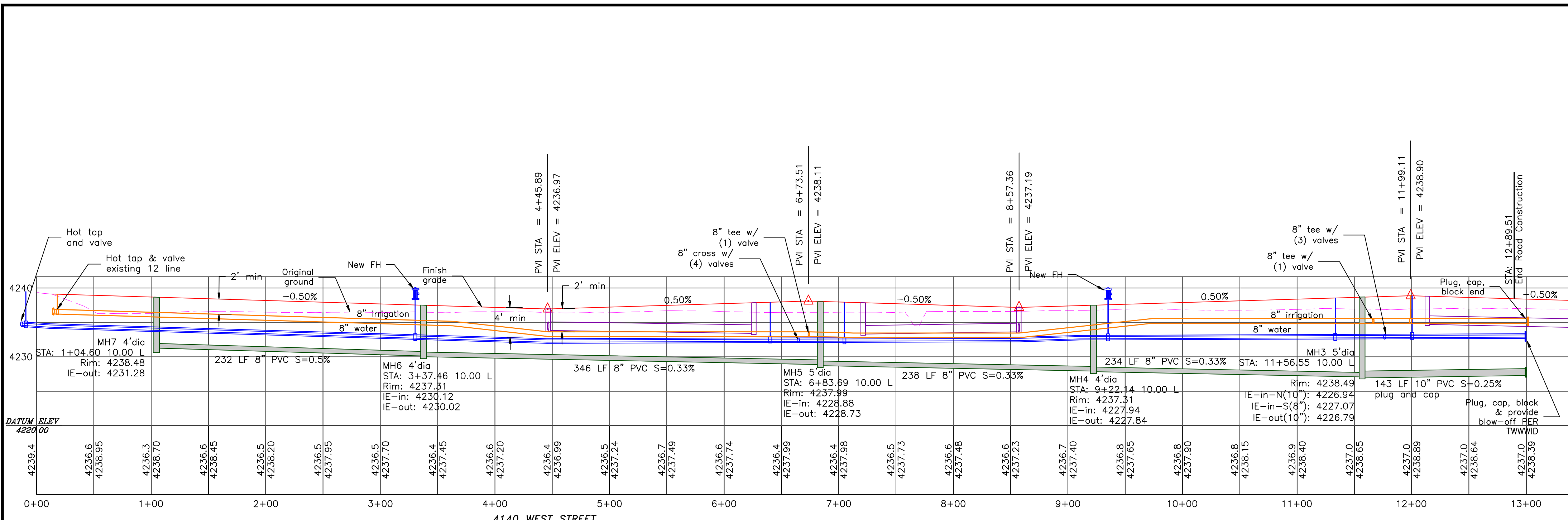
No.	REVISIONS/ SUBMISSIONS	DATE

REVIEWED: \_\_\_\_\_ DRAWN: \_\_\_\_\_  
CAD FILE: \_\_\_\_\_ PROJECT NO.: \_\_\_\_\_

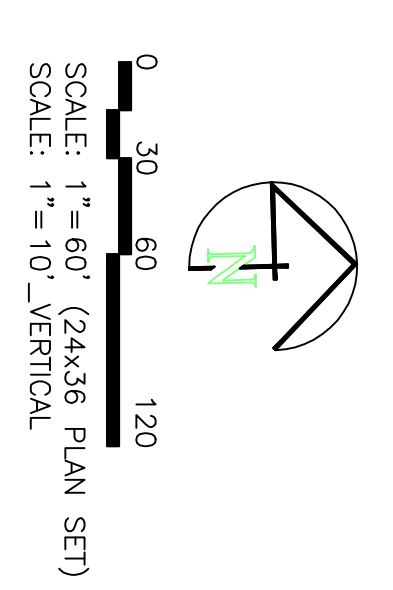
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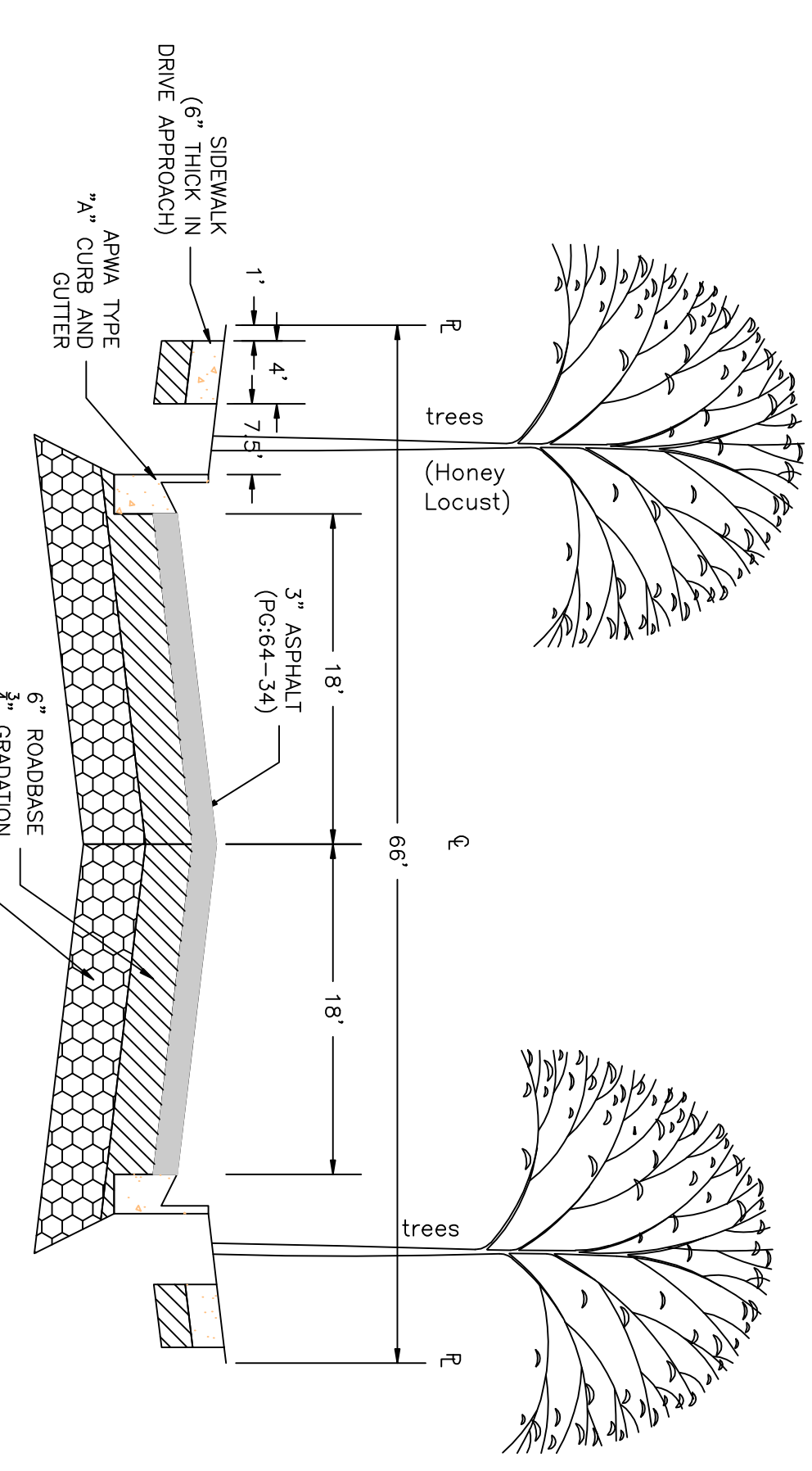


**TAYLOR LANDING PHASE 3**  
**A CLUSTER SUBDIVISION**  
 PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6  
 NORTH, RANGE 2 WEST  
 SALT LAKE BASIN AND MERIDIAN  
 WEBER COUNTY, TAYLOR, UTAH  
**4140 WEST ROAD PLAN**



- BOUNDARY LINE
- LOT LINE
- CENTERLINE
- UTILITY EASEMENT LINE
- FUTURE ROAD SHOWN FOR REFERENCE
- EXISTING FENCE
- EXISTING DITCH
- EXISTING WATER AS NOTED
- PROPOSED 8" PVC C-900 DR 18 WATER
- PROPOSED 1" CIS 200 PSI POLY WATER SERVICE
- EXISTING SEWER AS NOTED
- PROPOSED 8" SDR 35 SEWER AS NOTED
- PROPOSED 10" SDR 35 SEWER AS NOTED
- PROPOSED 4" SEWER LATERAL
- EXISTING 12" DI IRRIGATION
- PROPOSED 8" PVC C-900 DR 18 IRRIGATION MAIN, PURPLE
- PROPOSED 12" PVC C-900 DR 18 IRRIGATION MAIN, PURPLE
- PIPE WITH LOCATOR TIEP AND 14CA LOCATOR WIRE
- PROPOSED IRRIGATION SERVICE PER HOOPER IRRIGATION COMPANY (see PI-10 hooper irrigation, double service unless otherwise noted)
- 15' E AOS SO
- 15' NEP SO
- EXISTING MAJOR CONTOUR (5')
- EXISTING MINOR CONTOUR (1')
- PROPOSED MAJOR CONTOUR (2.5')
- PROPOSED MINOR CONTOUR (0.5')
- EXISTING ASPHALT
- PROPOSED ASPHALT
- PROPOSED CONCRETE

Notes:  
 All ADA ramps to include truncated domes grey in color. See APWA plan 235.1 example B unless there are special circumstances. Contractor to refer to previous process for details.  
 All work is to be done in accordance with Hooper Irrigation Company Standards



PROJECT TITLE  
**TAYLOR LANDING PHASE 3**  
**A CLUSTER SUBDIVISION**

DRAWING TITLE  
**4140 WEST ROAD PLAN**

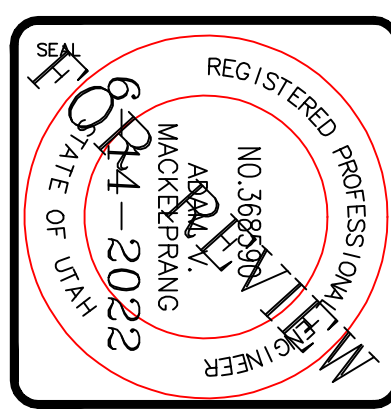
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No.	REVISIONS/ SUBMISSIONS	DATE

REVIEWED: \_\_\_\_\_ DRAWN: \_\_\_\_\_  
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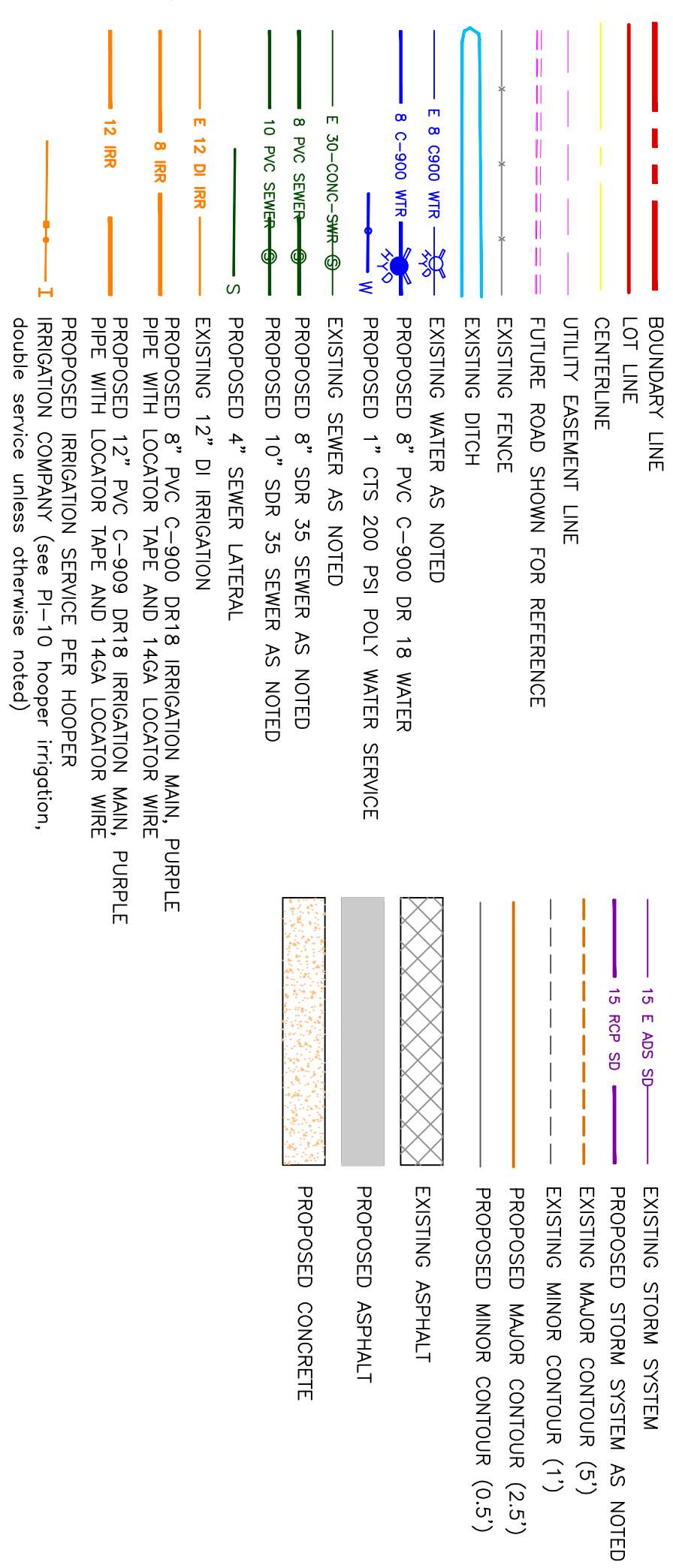
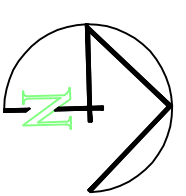


# TAYLOR LANDING PHASE 3

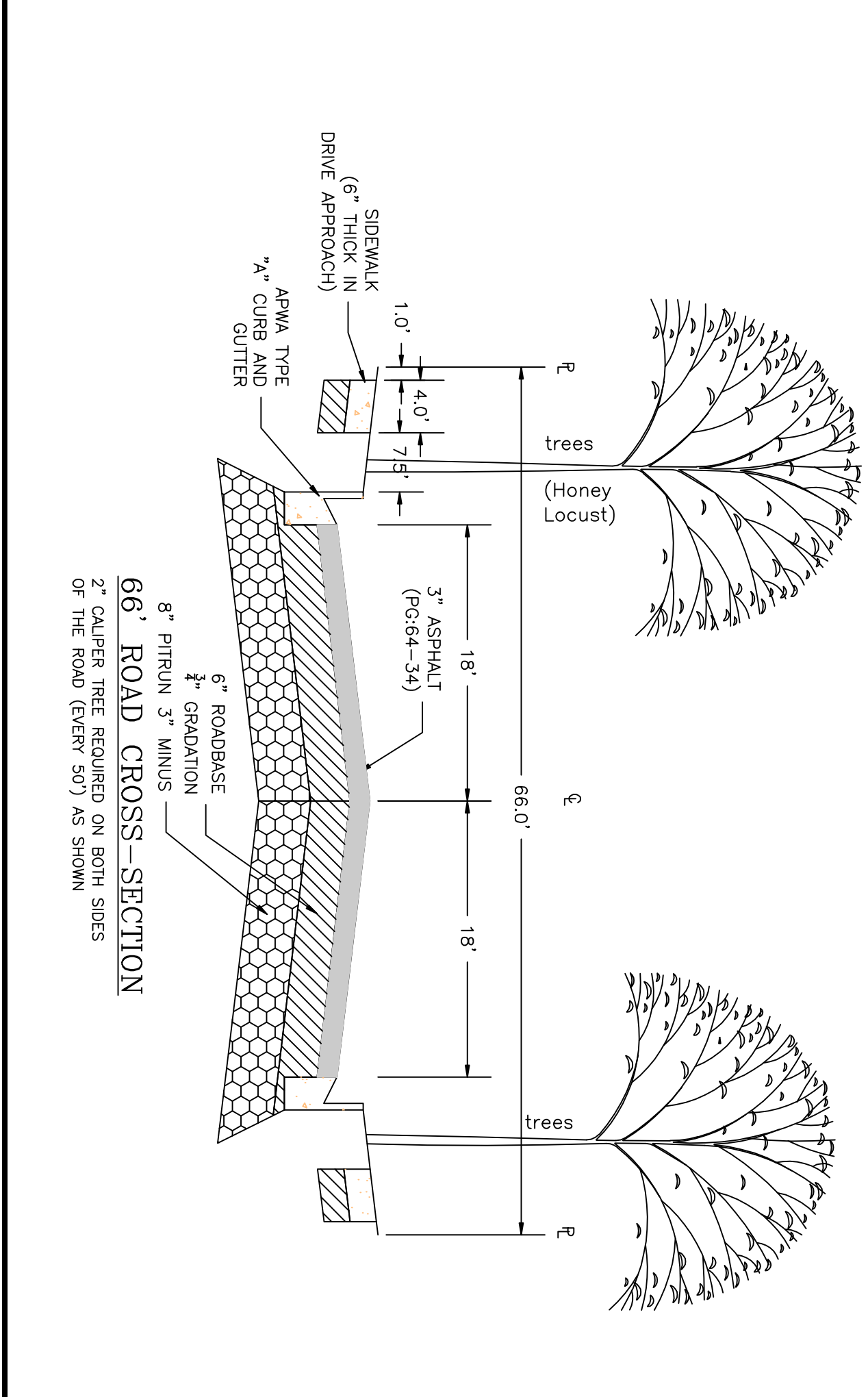
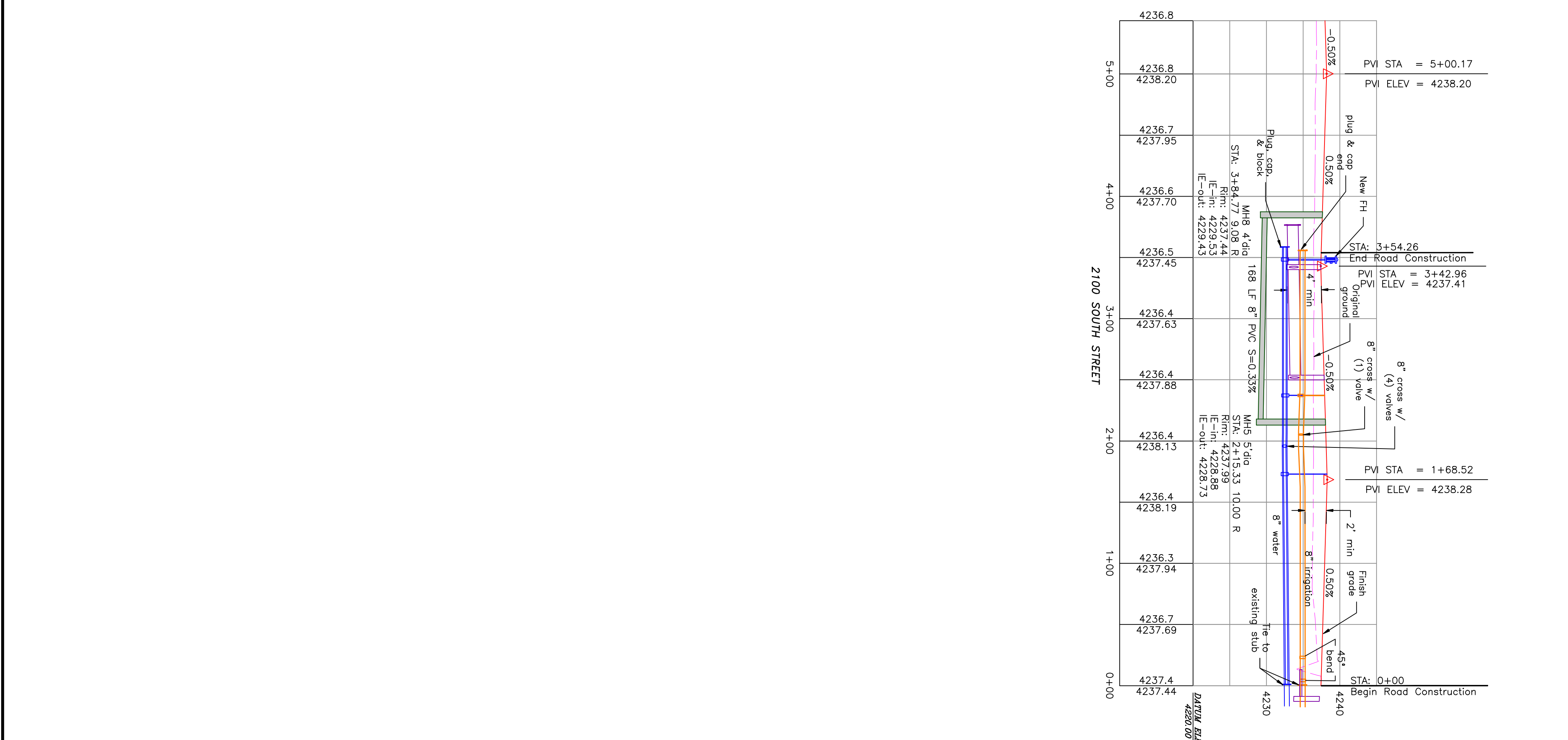
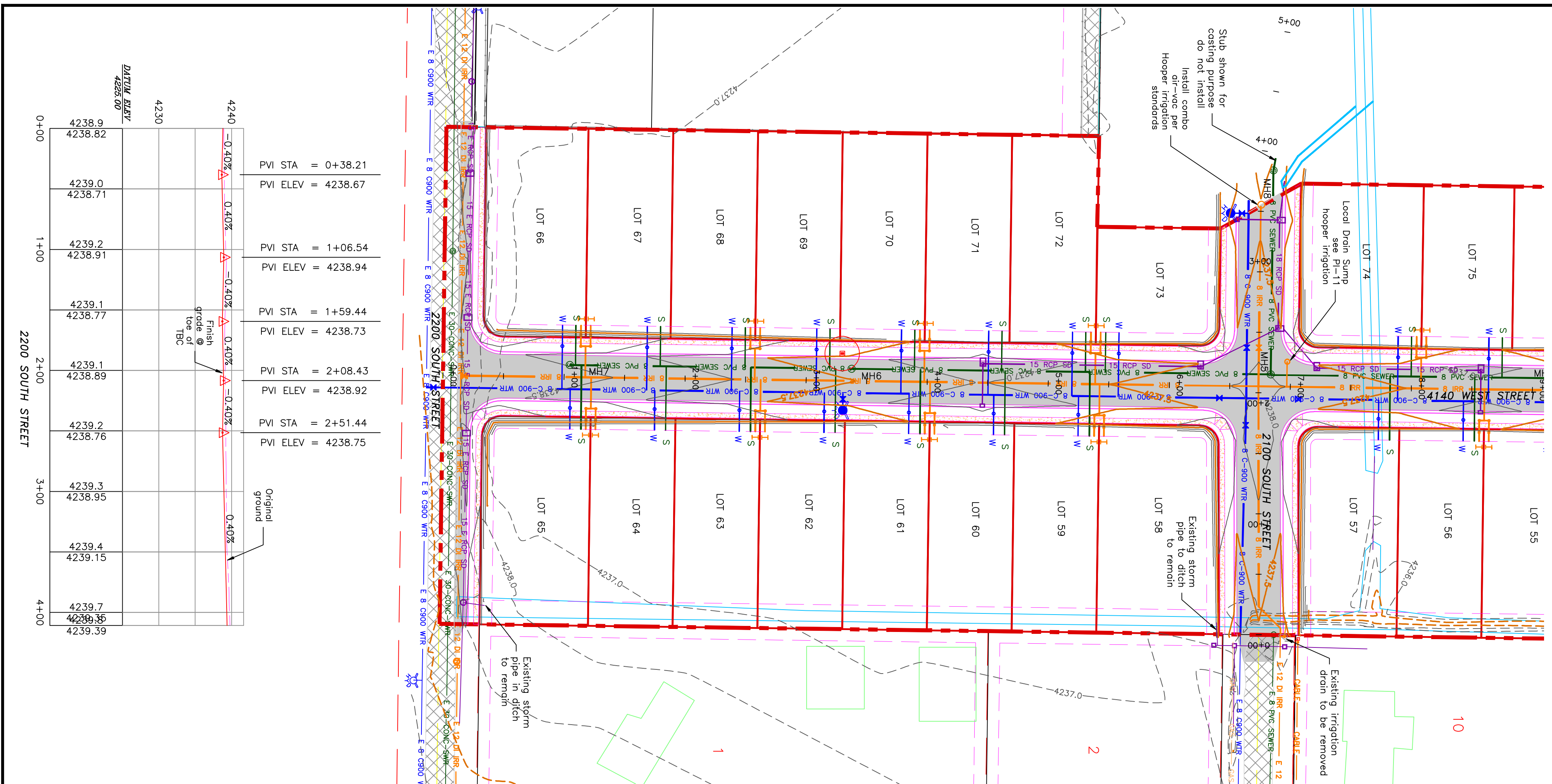
## A CLUSTER SUBDIVISION

PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6 NORTH, RANGE 2 WEST, SALT LAKE BASIN AND MERIDIAN WEBER COUNTY, TAYLOR, UTAH  
**2100/2200 SOUTH ROAD PLAN**

0 30 60 120  
 SCALE: 1"=60' (24x36 PLAN SET)  
 SCALE: 1"=10' (VERTICAL)



Notes:  
 All ADA ramps to include truncated domes grey in color. See APMA plan for details.  
 Refer to previous phases for exemplar details. Contractor to refer to the secondary water system is to be done in accordance with Hooper Irrigation Company Standards



PROJECT TITLE  
**TAYLOR LANDING PHASE 3  
 A CLUSTER SUBDIVISION**

DRAWING TITLE  
**2100/2200 SOUTH ROAD PLAN**

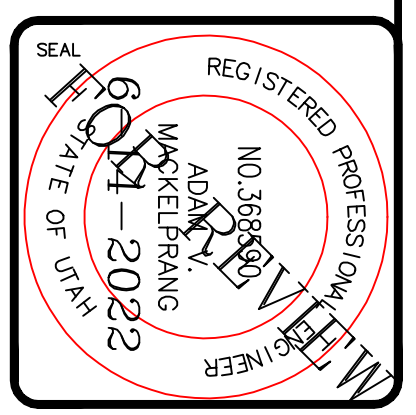
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 DRAWING No: 6021-2022

No.	REVISIONS/ SUBMISSIONS	DATE

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 CAD FILE: \_\_\_\_\_ PROJECT NO.: \_\_\_\_\_

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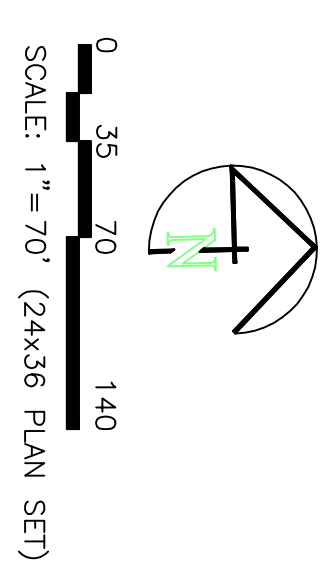
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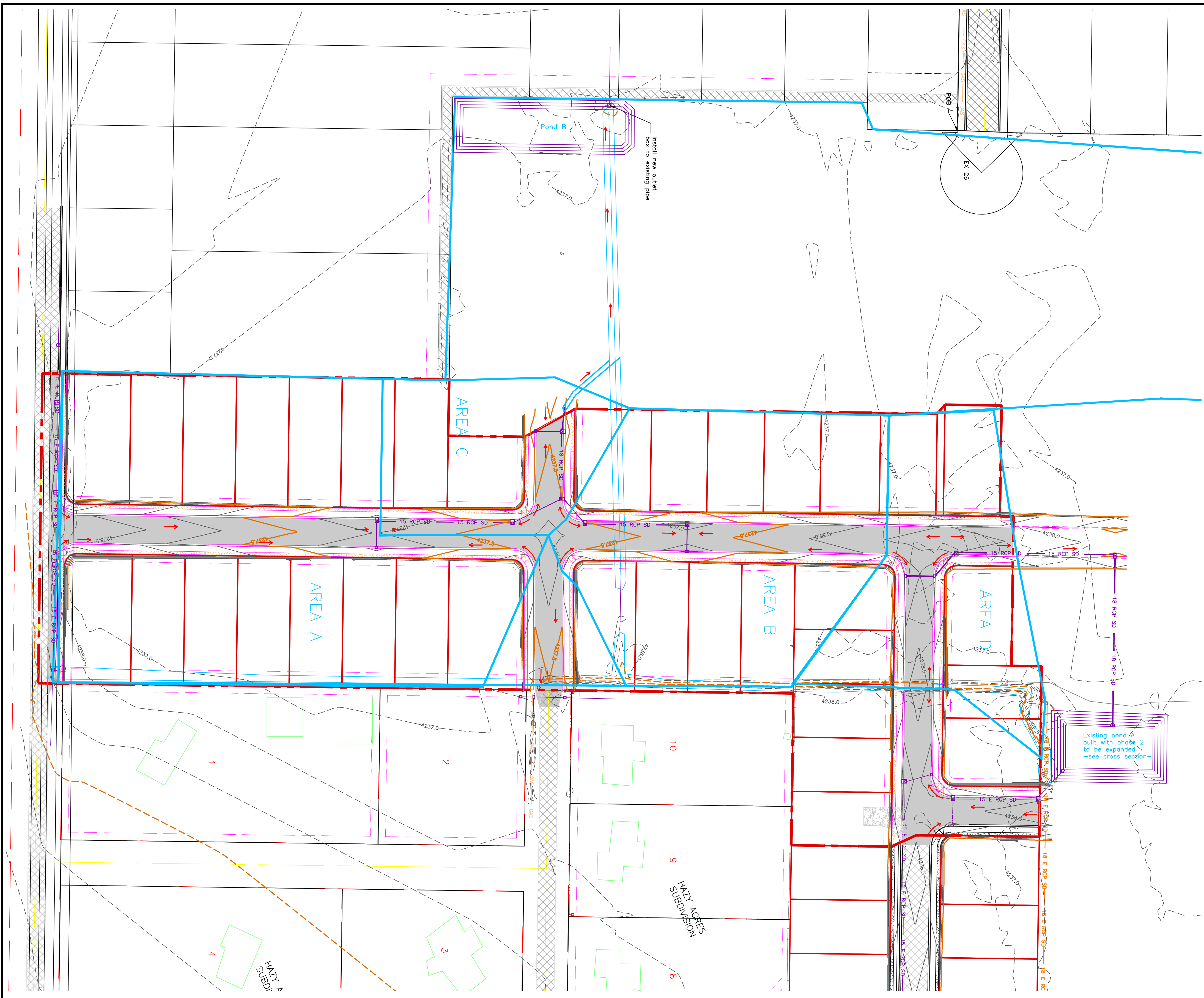
# TAYLOR LANDING PHASE 3 A CLUSTER SUBDIVISION

PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6  
NORTH, RANGE 2 WEST,  
SALT LAKE BASELINE AND MERIDIAN  
WEBER COUNTY, TAYLOR, UTAH  
HYDROLOGY



Area - disturbed											
Determination of Weighted 'C' Value:	Subarea A		Subarea B		Subarea C		Subarea D		Area	'C' Value	A.C.
	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )			
Road Area (roads, sidewalks, driveways, etc.)	26984	11612	15518	18446	70970	18946	70970	70970	0.95	67421.50	
Road Area:	25200	13200	7200	9000	54800	0.9	49140.00				
Landscaped Area:	158206	107770	35157	53686	354819	0.15	53222.85				
Total Area:	210400	132582	57875	79532	480389	~	11.03 Ac				
<b>Peakflow Determination:</b>											
'C' Value:	0.34	0.29	0.46	0.40	0.35						
Rainfall Intensity:	2.04	2.04	2.04	2.04	2.04 in/hr						
Area:	210400	132582	57875	79532	480389 sf						
Peakflow:	3.37	1.83	1.24	1.51	7.95 cfs ~						

Pipe Hydraulics														
Peak Flow Determination	Q	Total Q	Pipe I.D.	Upstream Invert	Downstream Invert	Pipe Length	Gradient	Pipe Size	Figs Area	Pipe Circ.	Manning's 'n'	Pipe Cap.	Vel. Full	Check
Designation	(cfs)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(in)	(ft <sup>2</sup> )	(ft <sup>2</sup> )		(ft/s)		
Area A	3.37	1.89	CB3-Comb6	4233.94	4233.85	34.00	0.0026	15	1.23	3.93	0.011	3.83	3.20 OK	
Area B	1.83	3.37	Comb6-Comb7	4233.85	4233.41	178.00	0.0025	15	1.23	3.93	0.011	3.82	3.11 OK	
Area C	1.24	0.92	CB3-Comb3	4233.72	4233.63	34.00	0.0026	15	1.23	3.93	0.011	3.83	3.20 OK	
Area D	1.51	1.83	Comb3-Comb4	4233.63	4233.30	132.00	0.0025	18	1.77	4.71	0.011	6.21	3.51 OK	
			Comb4-Comb6	4233.30	4233.20	41.00	0.0024	18	1.77	4.71	0.011	6.13	3.47 OK	
			Comb7-Comb6	4233.41	4233.20	69.00	0.0030	15	1.23	3.93	0.011	4.21	3.43 OK	
			Comb6-Comb9	4233.20	4232.94	4232.94	0.0030	18	1.77	4.71	0.011	6.83	3.88 OK	
			Comb9-swale	4232.94	4232.84	32.00	0.0031	18	1.77	4.71	0.011	6.94	3.93 OK	
			CB1-CB2	4234.98	4234.86	34.00	0.0035	15	1.23	3.93	0.011	4.54	3.70 OK	
			CB2-Comb1	4234.86	4234.72	40.00	0.0035	15	1.23	3.93	0.011	4.52	3.68 OK	
			Comb1-Comb2	4234.72	4234.99	208.00	0.0035	15	1.23	3.93	0.011	4.52	3.69 OK	
			Comb2-Pond	4233.99	4232.04	217.00	0.0090	18	1.77	4.71	0.011	11.77	6.86 OK	



**POND A EXPANSION**

100-Year Return Period									
Drainage Area to Pond:	Weighted 'C' value for Pond Drainage Area:	Hyd D	Hyd D	Hyd D	Hyd D	Hyd D	Hyd D	Hyd D	Hyd D
(min)	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )
5	6.52	0.54	1.82	0.54	1.82	0.54	1.82	0.54	1.82
15	4.86	0.83	1.82	0.4	2842.64	2182.8206	9	92	2091
30	4.08	1.02	1.82	0.4	2842.64	2095.4829	9	138	125
60	2.78	1.38	1.82	0.4	2842.64	2095.4829	9	276	225
120	2.07	1.82	1.82	0.4	2842.64	2095.4829	9	516	337
180	1.63	1.90	1.82	0.4	2842.64	2095.4829	9	765	385
360	0.93	2.12	1.82	0.4	2842.64	2095.4829	9	1530	438
720	0.22	2.80	1.82	0.4	2842.64	2095.4829	9	3060	241
1440	0.12	2.88	1.82	0.4	2842.64	2095.4829	9	6120	241

100-Year Return Period									
Drainage Area to Pond:	Weighted 'C' value for Pond Drainage Area:	Hyd D	Hyd D	Hyd D	Hyd D	Hyd D	Hyd D	Hyd D	Hyd D
(min)	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )	(ft <sup>2</sup> )
5	6.52	0.54	1.82	0.54	1.82	0.54	1.82	0.54	1.82
15	4.86	0.83	1.82	0.4	2842.64	2182.8206	9	92	2091
30	4.08	1.02	1.82	0.4	2842.64	2095.4829	9	138	125
60	2.78	1.38	1.82	0.4	2842.64	2095.4829	9	276	225
120	2.07	1.82	1.82	0.4	2842.64	2095.4829	9	516	337
180	1.63	1.90	1.82	0.4	2842.64	2095.4829	9	765	385
360	0.93	2.12	1.82	0.4	2842.64	2095.4829	9	1530	438
720	0.22	2.80	1.82	0.4	2842.64	2095.4829	9	3060	241
1440	0.12	2.88	1.82	0.4	2842.64	2095.4829	9	6120	241

<p>PROJECT TITLE <b>TAYLOR LANDING PHASE 3 A CLUSTER SUBDIVISION</b></p> <p>DRAWING TITLE <b>HYDROLOGY</b></p>	<p>NO. REVISIONS / SUBMISSIONS</p> <table border="1"> <tr><th>NO.</th><th>REVISIONS / SUBMISSIONS</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td></tr> </table> <p>REVIEWED: _____</p> <p>DRAWN: _____</p> <p>CAD FILE: _____</p> <p>PROJECT NO.: _____</p>	NO.	REVISIONS / SUBMISSIONS	DATE				<p>CONFIDENTIALITY AND COPYRIGHT NOTICE</p> <p>UNAUTHORIZED USE, DISCLOSURE, OR COPYING OF THIS DRAWING IS PROHIBITED.</p> <p>CONSTRUCTION DOCUMENTS THAT ARE DISTRIBUTED FOR BIDDING PURPOSES SHALL NOT BE RETURNED AND SHALL BE DESTROYED WITHIN 30 DAYS AFTER THE BID OPENING BY THE PLAN HOLDER.</p> <p style="text-align: center;"><b>COPYRIGHT 2005</b></p>	<p style="text-align: center;"><b>ALLIANCE CONSULTING ENGINEERS</b></p> <p style="text-align: center;">150 EAST 200 NORTH SUITE P LOGAN, UTAH 84321 (435)755-5121 alliancelogan@yahoo.com</p>
NO.	REVISIONS / SUBMISSIONS	DATE							

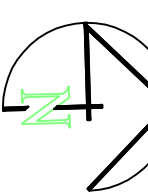


# TAYLOR LANDING PHASE 3

## A CLUSTER SUBDIVISION

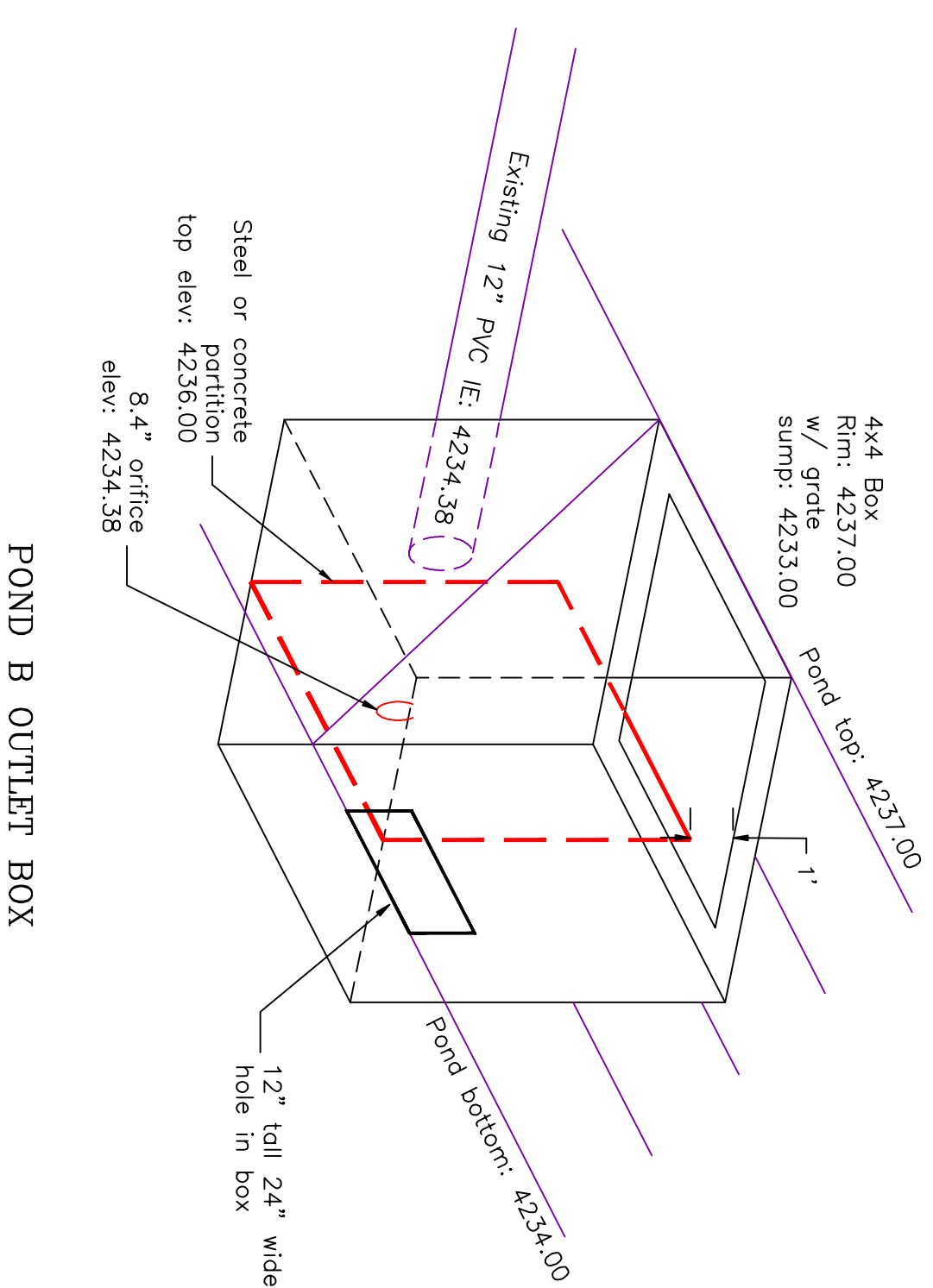
PART OF THE NORTH HALF OF SECTION 28, TOWNSHIP 6 NORTH, RANGE 10 NORTH, AND MERIDIAN 1 WEST, SALT LAKE BASIN, TAYLOR, UTAH  
WEBER COUNTY, TAYLOR, UTAH

### GRADING / DRAINAGE PLAN

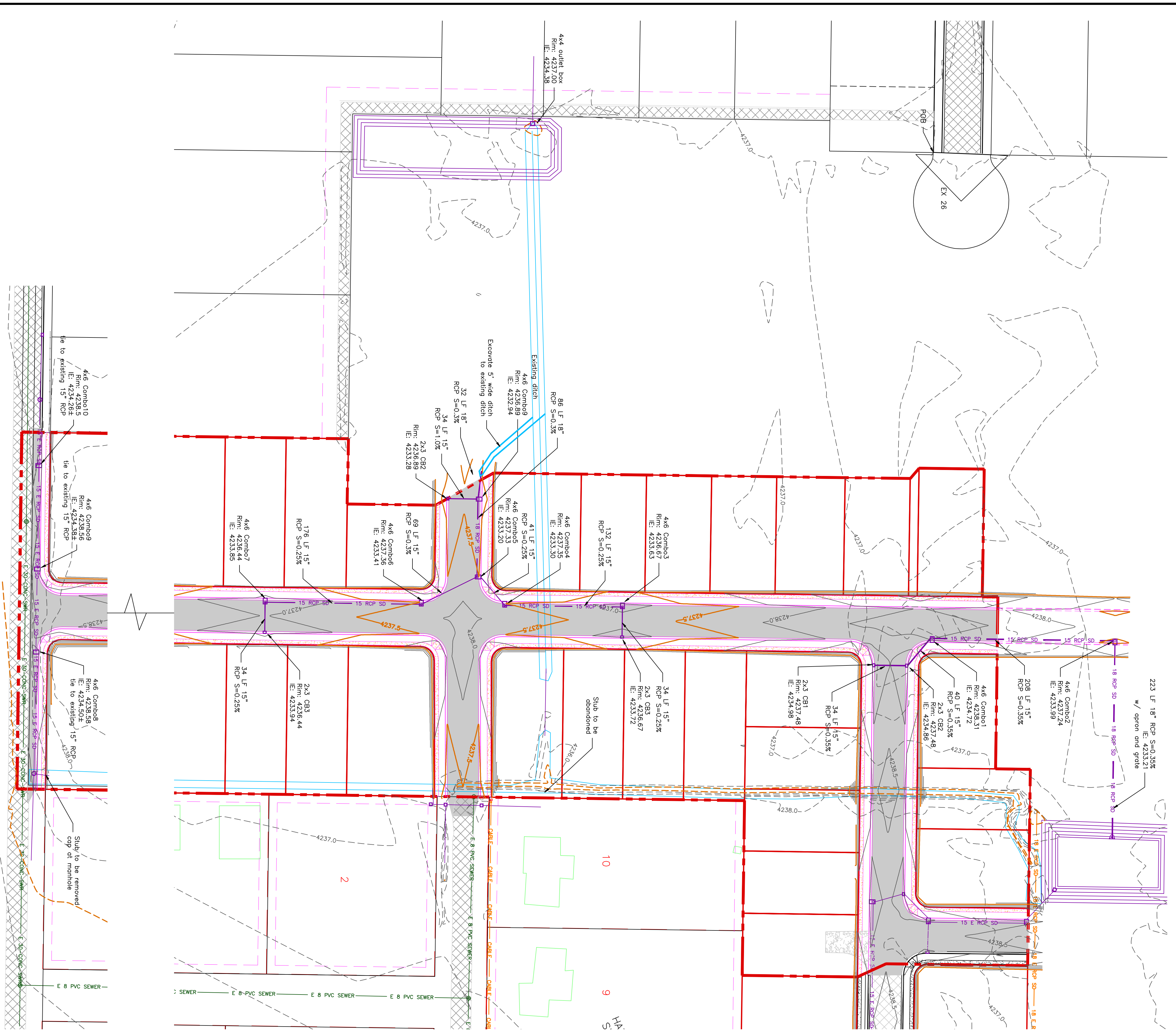


0 30 60 120  
SCALE: 1" = 60' (24x36 PLAN SET)

- BOUNDARY LINE
- LOT LINE
- CENTERLINE
- UTILITY EASEMENT LINE
- EXISTING FENCE
- EXISTING STORM SYSTEM
- PROPOSED STORM SYSTEM AS NOTED
- EXISTING MAJOR CONTOUR (5')
- EXISTING MINOR CONTOUR (1')
- PROPOSED MAJOR CONTOUR (2.5')
- PROPOSED MINOR CONTOUR (0.5')
- EXISTING ASPHALT
- PROPOSED ASPHALT
- EXISTING ASPHALT
- PROPOSED ASPHALT
- EXISTING CONCRETE
- PROPOSED CONCRETE

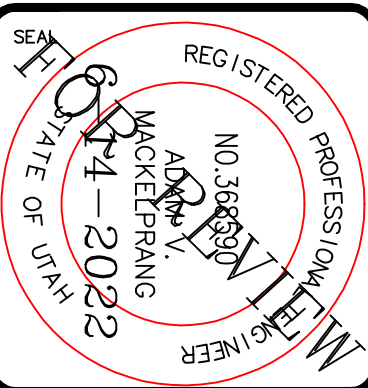


POND B OUTLET BOX



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CAD FILE: \_\_\_\_\_ PROJECT NO.: \_\_\_\_\_

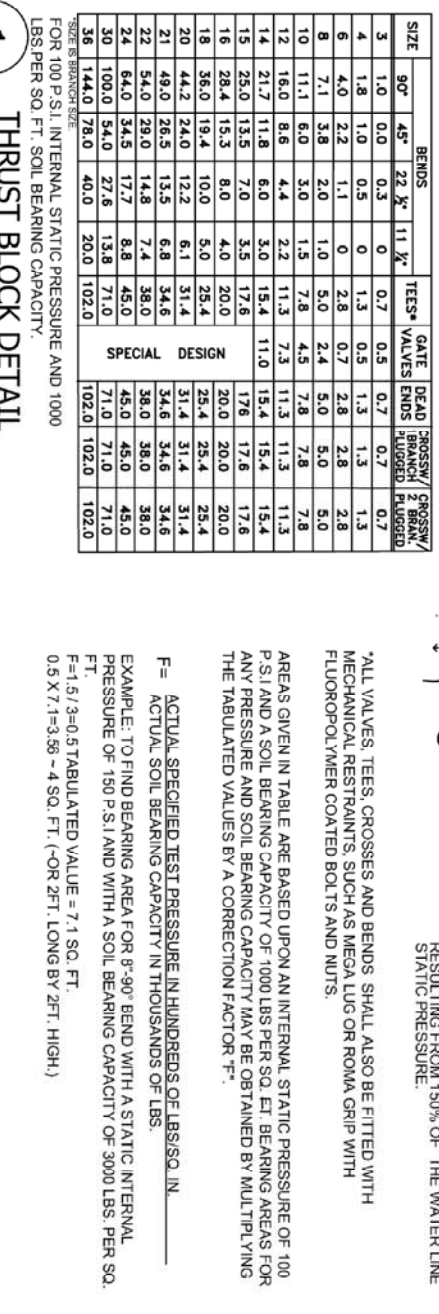
PROJECT TITLE  
**TAYLOR LANDING PHASE 3  
A CLUSTER SUBDIVISION**

DRAWING TITLE  
**GRADING / DRAINAGE PLAN**

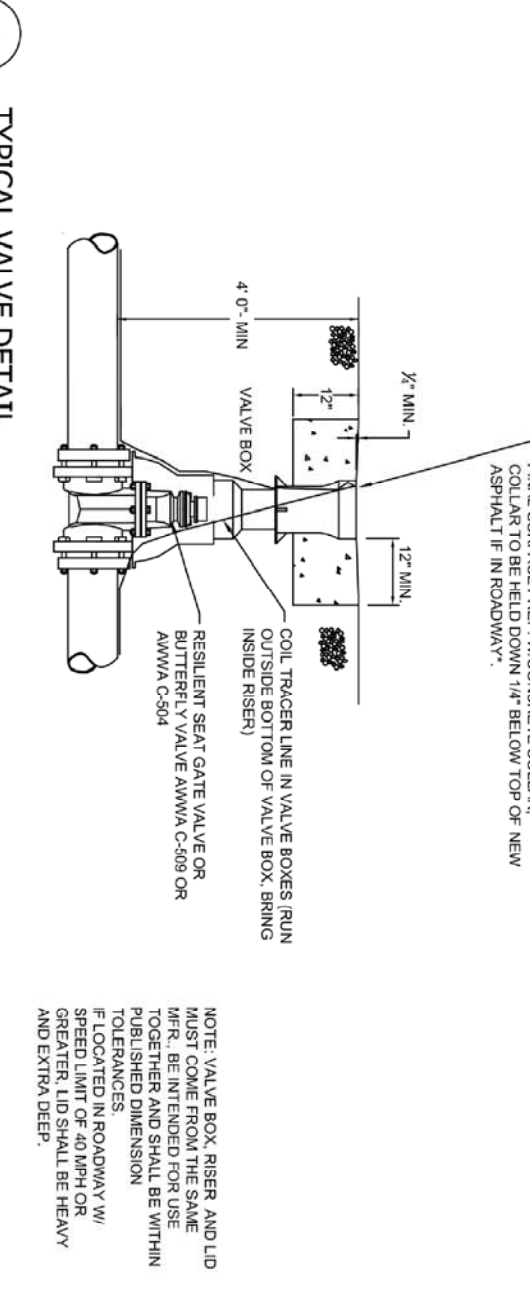
DATE: DEC. 2021  
DRAWING NO. 6



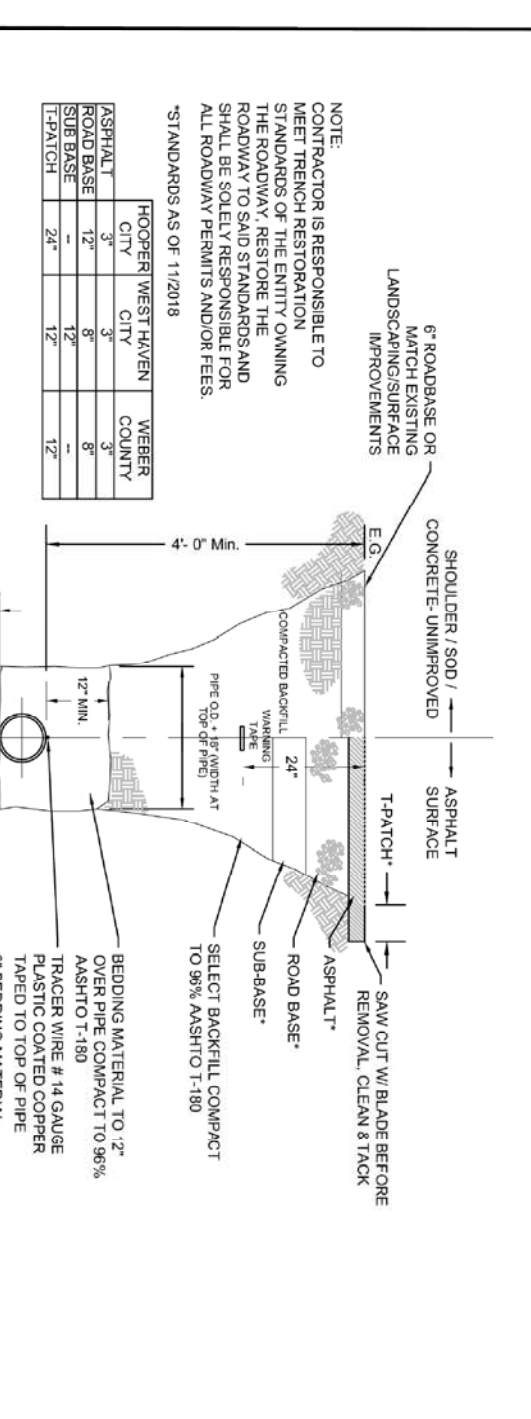
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1/2"	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
3/4"	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
1"	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
1 1/2"	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
2"	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.98
2 1/2"	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
3"	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
4"	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40
5"	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75
6"	8.10	8.10	8.10	8.10	8.10	8.10	8.10	8.10	8.10	8.10	8.10	8.10	8.10	8.10
8"	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80
10"	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50
12"	16.20	16.20	16.20	16.20	16.20	16.20	16.20	16.20	16.20	16.20	16.20	16.20	16.20	16.20
14"	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90
16"	21.60	21.60	21.60	21.60	21.60	21.60	21.60	21.60	21.60	21.60	21.60	21.60	21.60	21.60
18"	24.30	24.30	24.30	24.30	24.30	24.30	24.30	24.30	24.30	24.30	24.30	24.30	24.30	24.30
20"	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00
24"	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40	32.40
30"	40.50	40.50	40.50	40.50	40.50	40.50	40.50	40.50	40.50	40.50	40.50	40.50	40.50	40.50
36"	48.60	48.60	48.60	48.60	48.60	48.60	48.60	48.60	48.60	48.60	48.60	48.60	48.60	48.60
42"	56.70	56.70	56.70	56.70	56.70	56.70	56.70	56.70	56.70	56.70	56.70	56.70	56.70	56.70
48"	64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80	64.80
54"	72.90	72.90	72.90	72.90	72.90	72.90	72.90	72.90	72.90	72.90	72.90	72.90	72.90	72.90
60"	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00



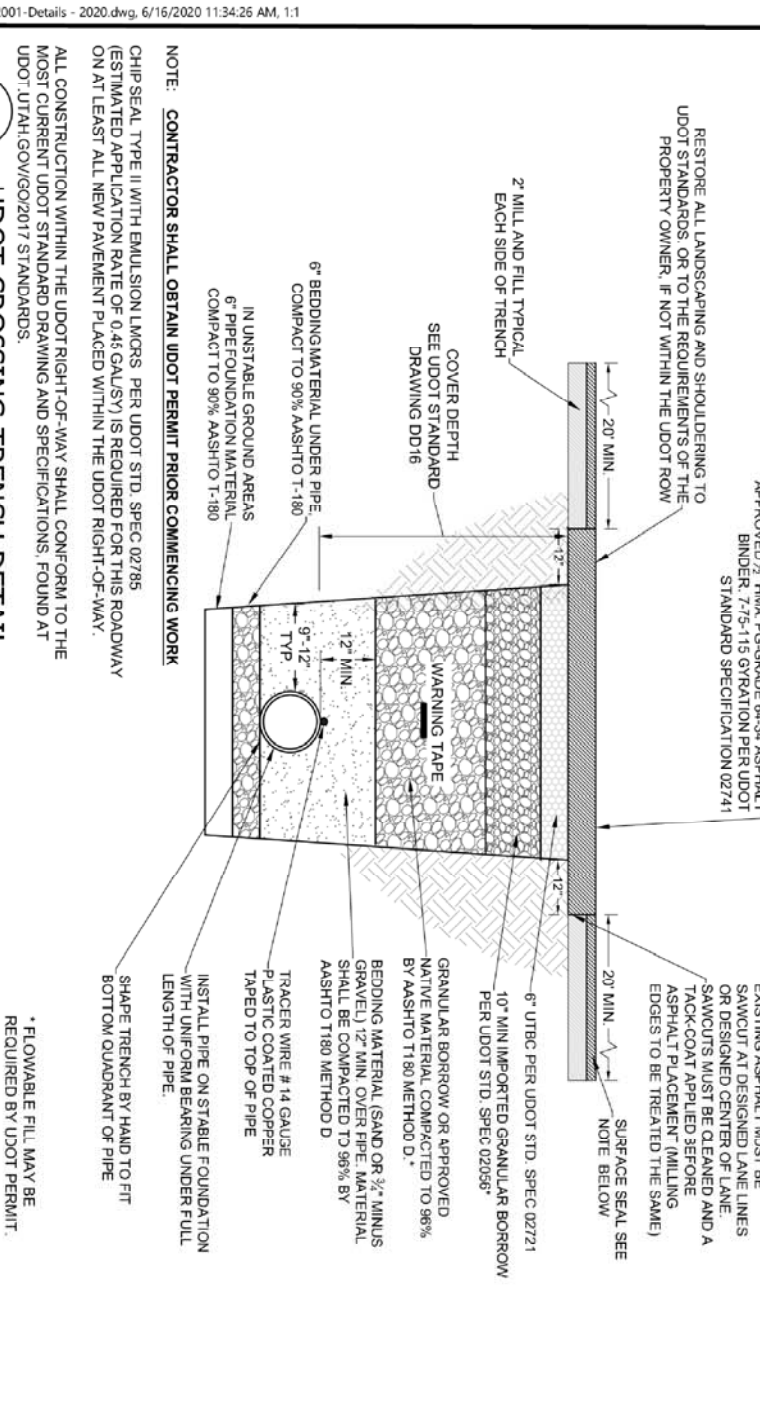
1 THRUST BLOCK DETAIL  
NTS



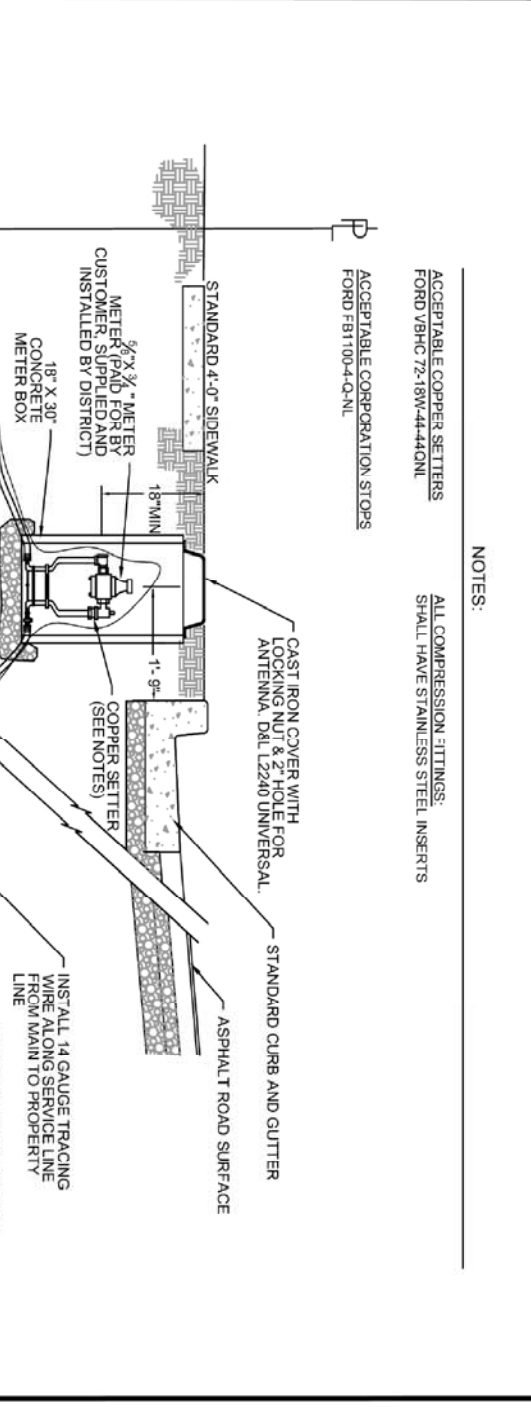
2 TYPICAL VALVE DETAIL  
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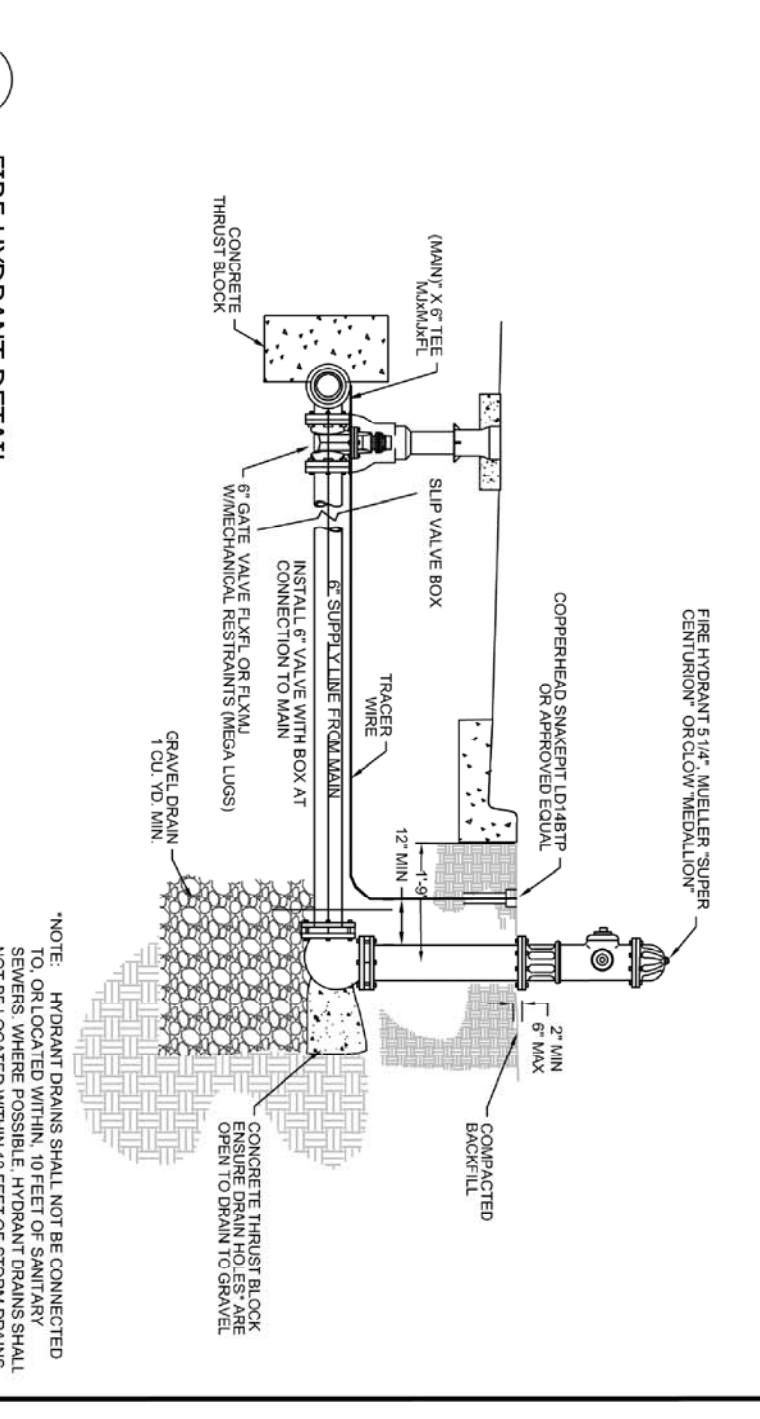
3A TYPICAL TRENCH SECTION  
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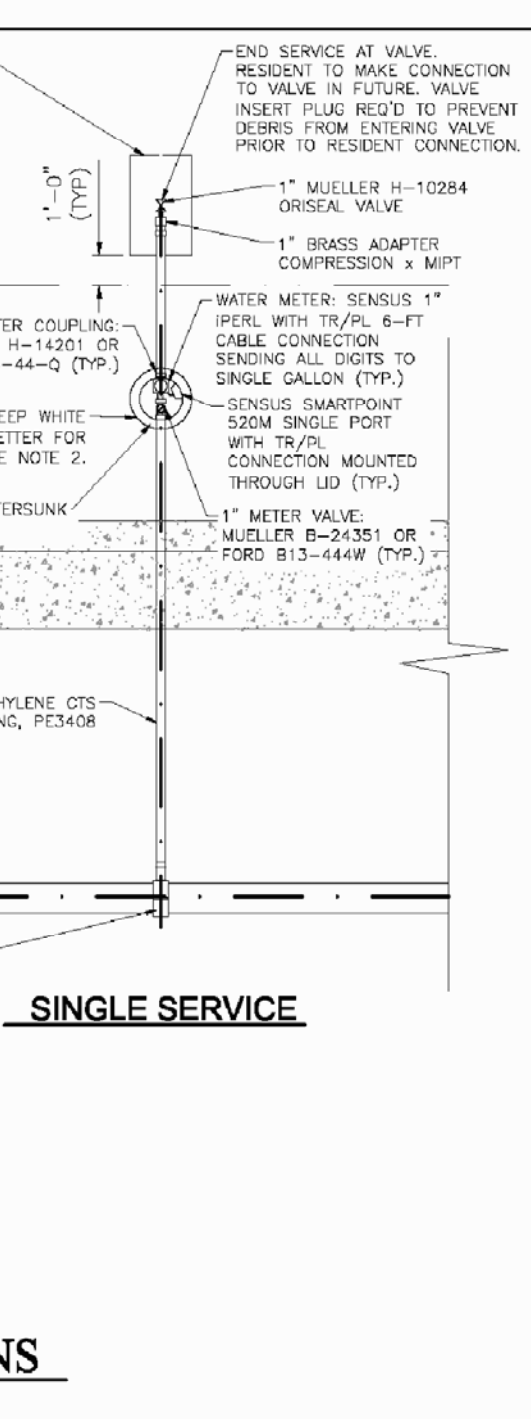
3B UDOT CROSSING TRENCH DETAIL  
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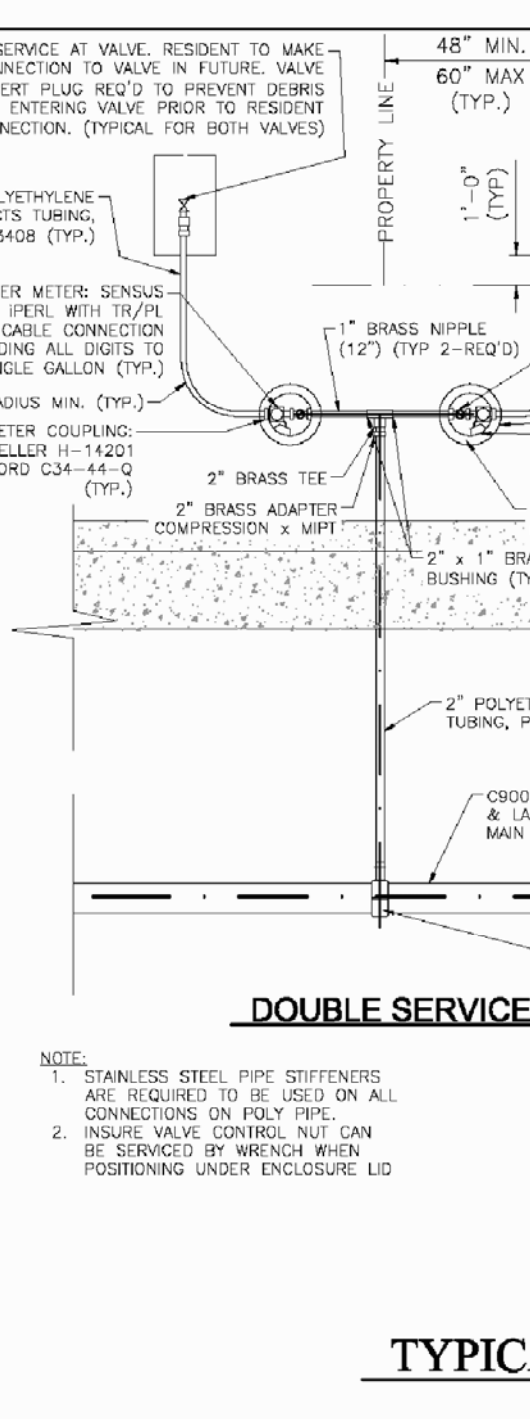
4 TYPICAL WATER CONNECTION/RE-CONNECTION  
NTS



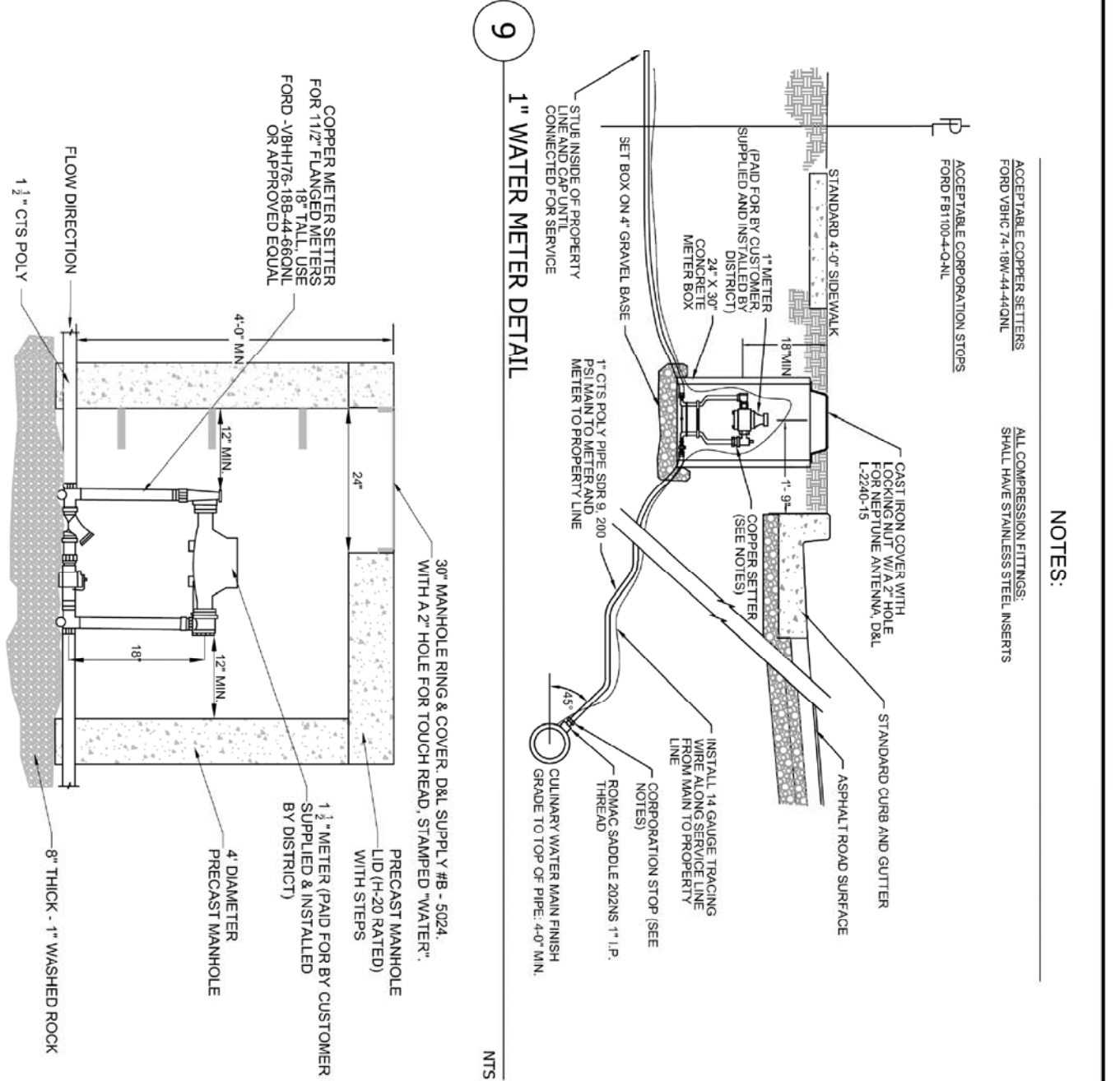
5 FIRE HYDRANT DETAIL  
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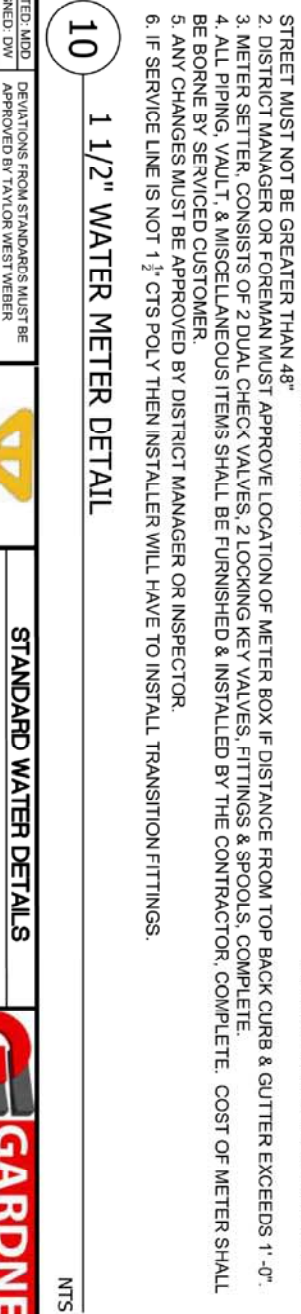
TYPICAL SERVICE CONNECTIONS  
NTS



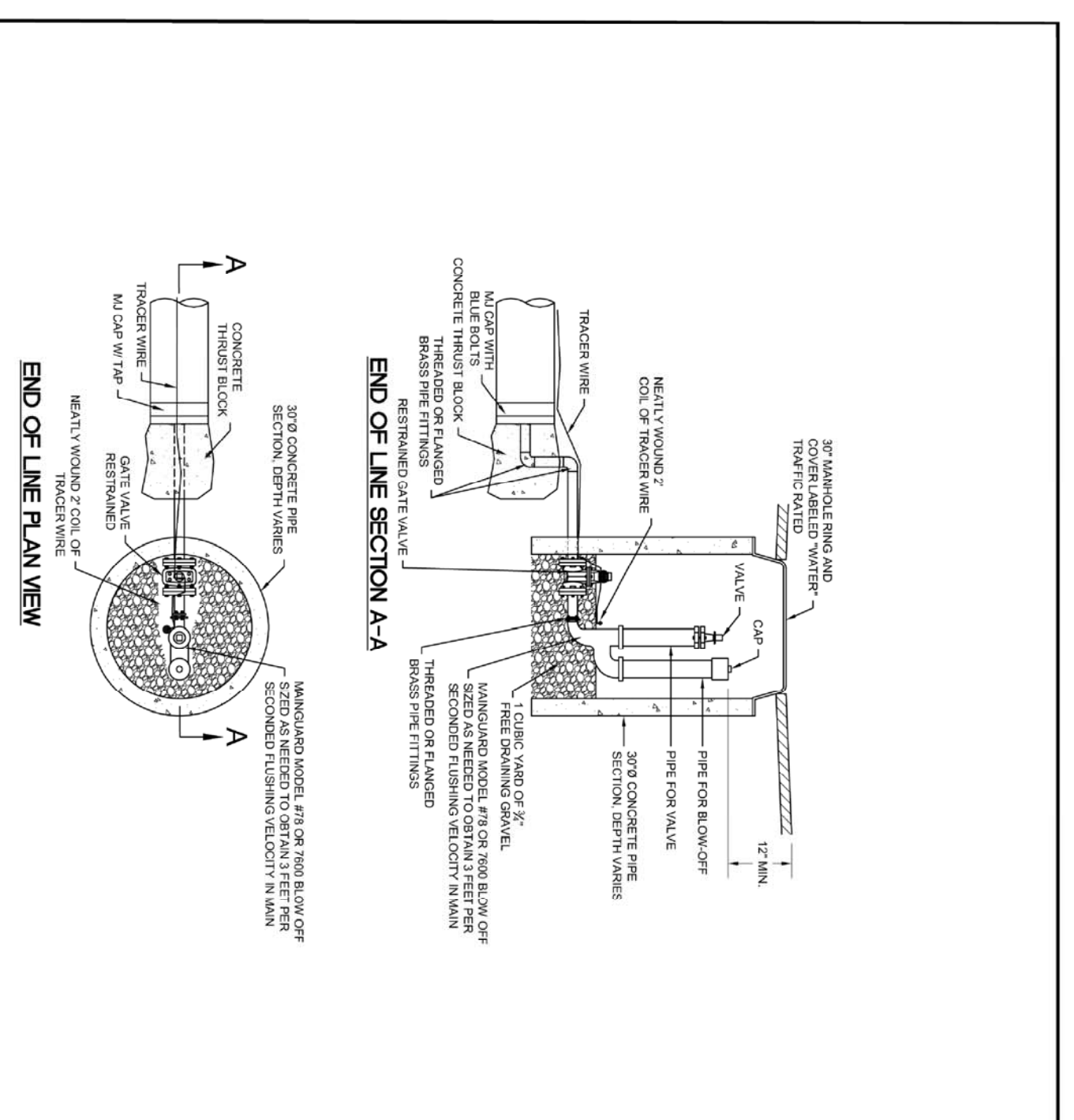
LOCAL / SYSTEM DRAIN DETAIL  
NTS



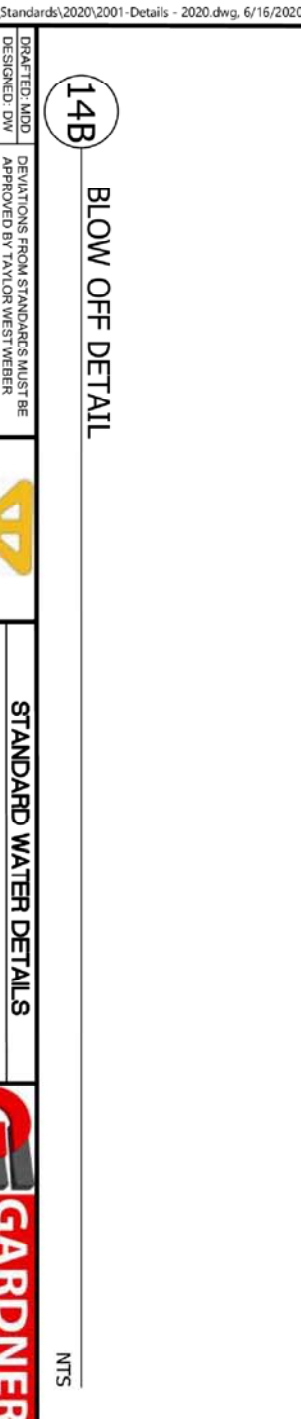
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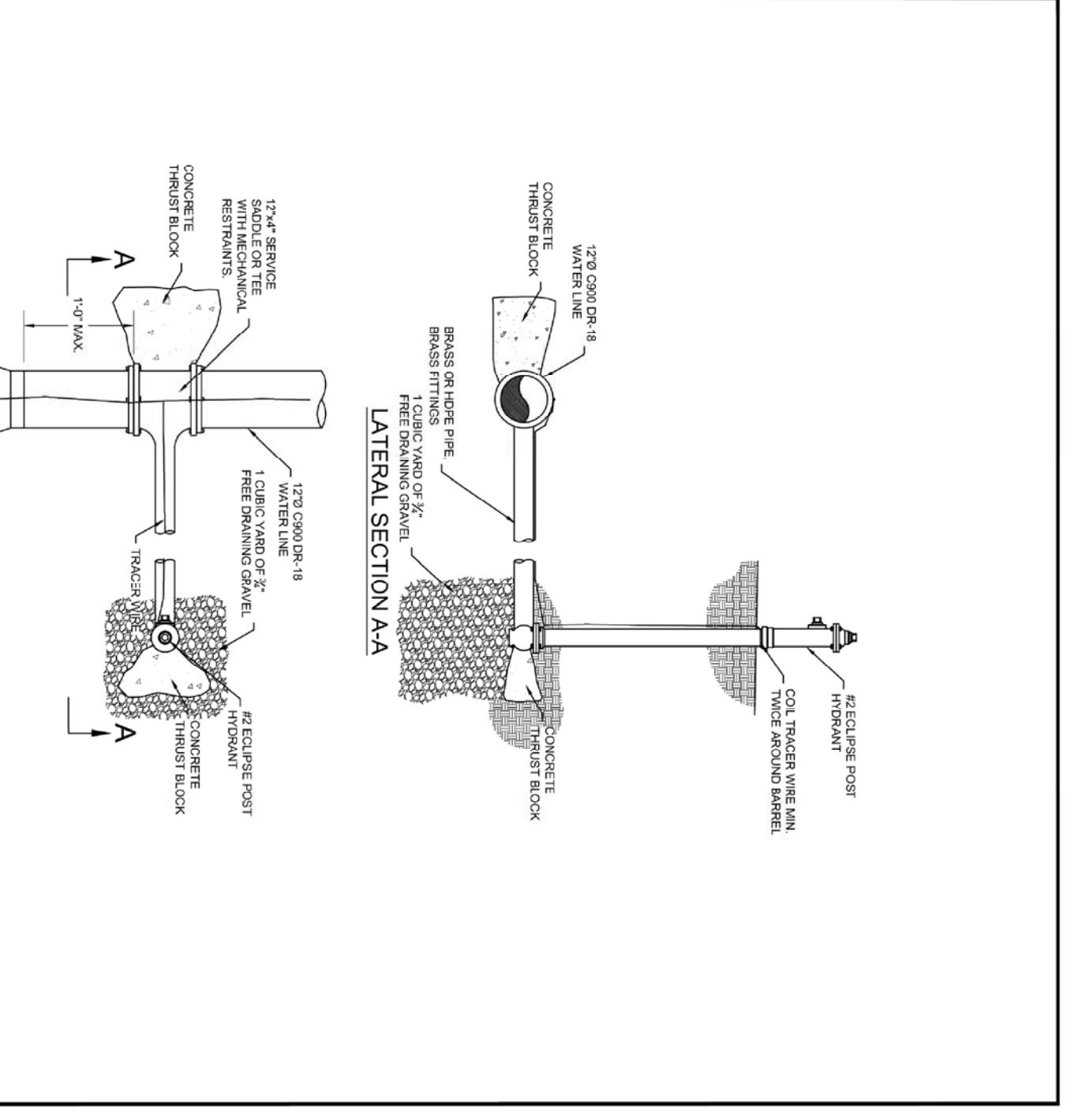
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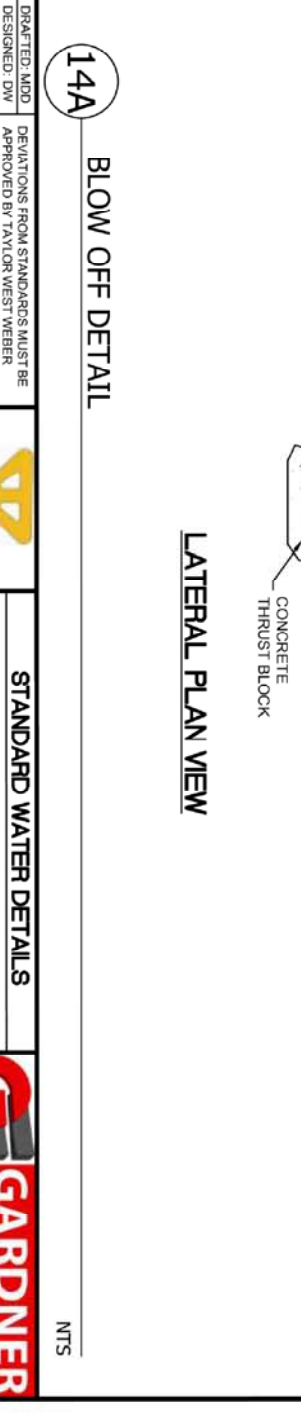
14B BLOW OFF DETAIL  
NTS



14A BLOW OFF DETAIL  
NTS



14B BLOW OFF DETAIL  
NTS



14A BLOW OFF DETAIL  
NTS

REGISTERED PROFESSIONAL ENGINEER  
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DRAWING TITLE: DETAILS

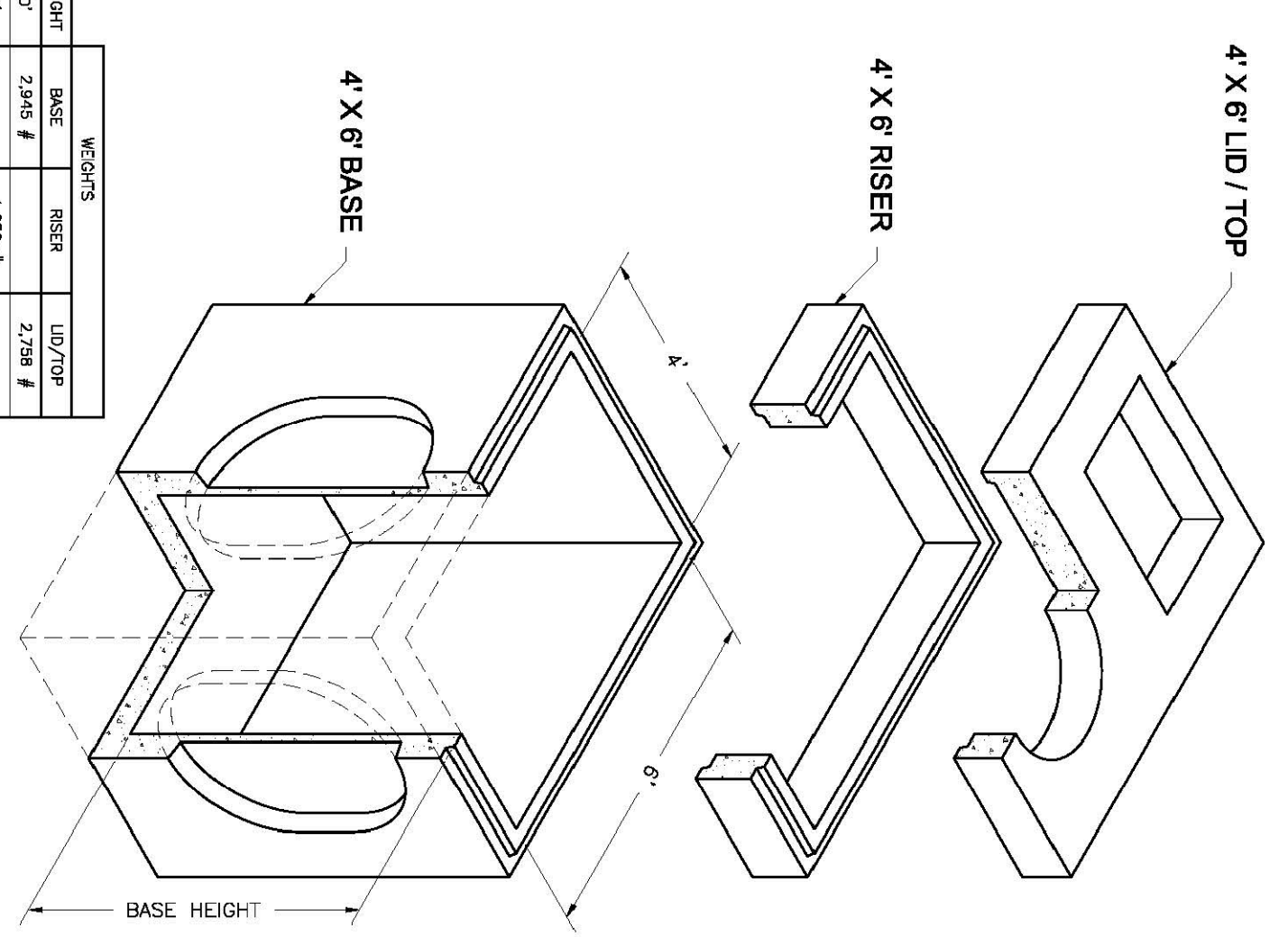
No.	REVISIONS / SUBMISSIONS	DATE

REVIEWED: \_\_\_\_\_ DRAWN: \_\_\_\_\_  
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PROJECT TITLE: TAYLOR LANDING PHASE 3 A CLUSTER SUBDIVISION  
DRAWING TITLE: DETAILS  
DATE: DEC. 2021  
DRAWING No. 7



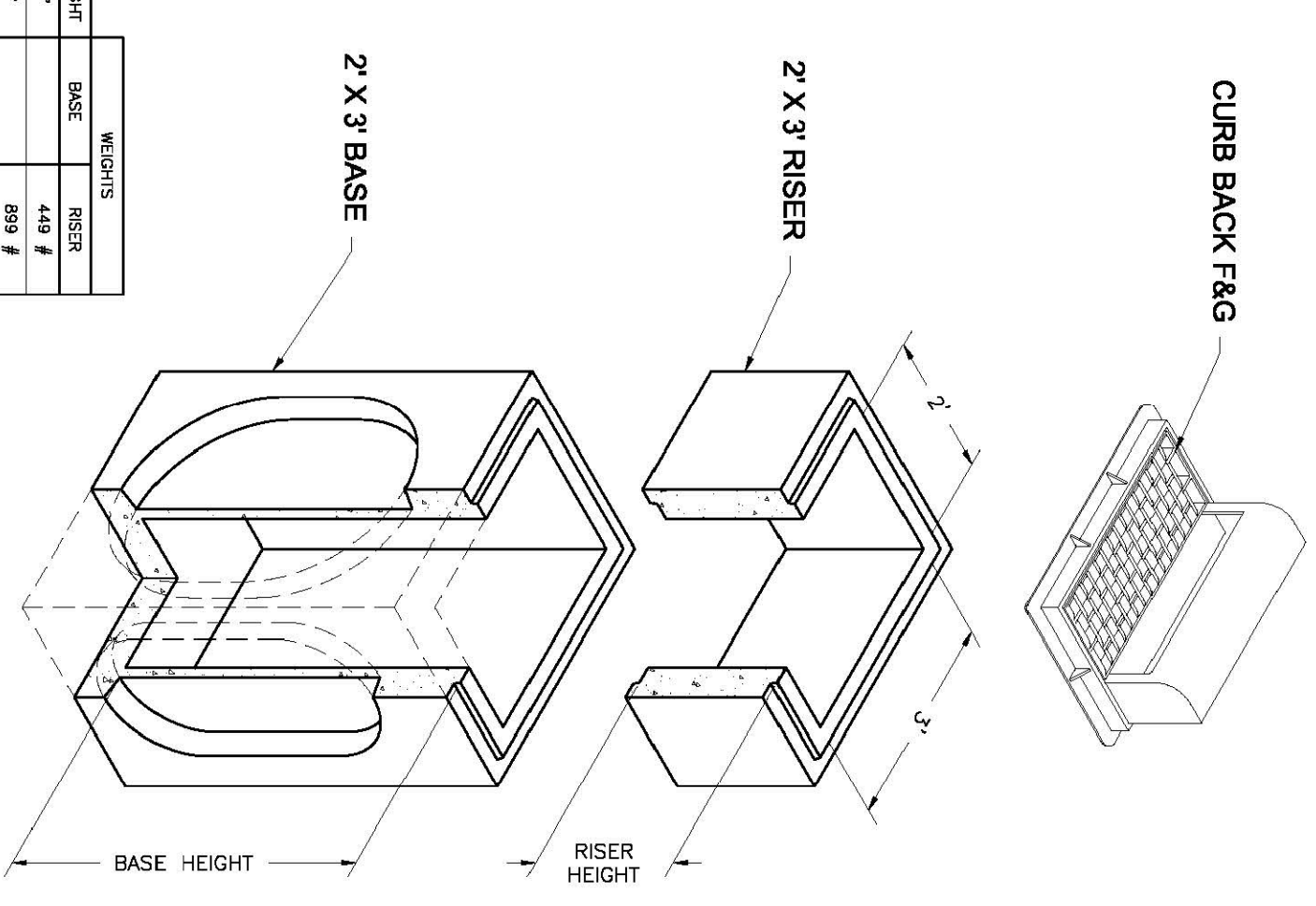
**4'x6'**  
Combo  
Basin, Risers and Lids



HEIGHT	BASE	RISER	LID/TOP
0'	2,945 #	2,798 #	
1'	1,850 #	3,300 #	
2'	7,277 #	4,950 #	
3'	8,704 #	7,350 #	6,704 #
4'	8,980 #		
5'			
6'	10,530 #		

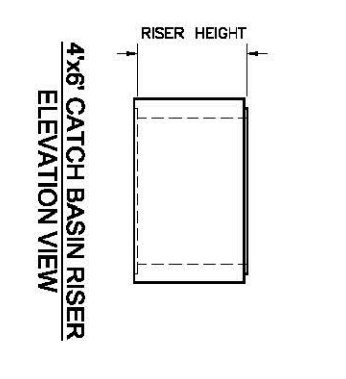
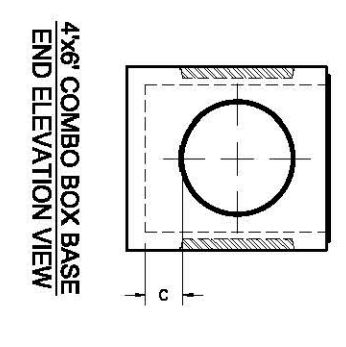
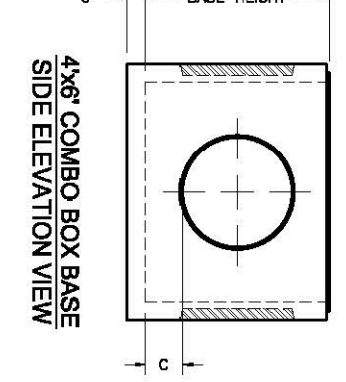
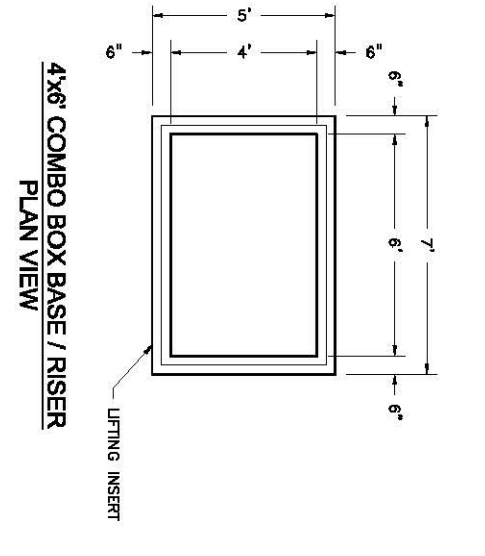
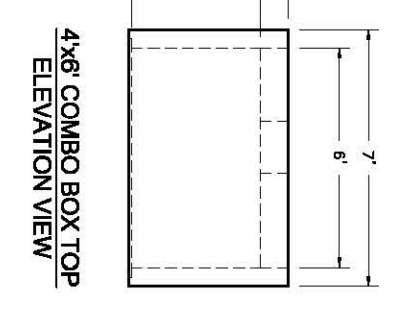
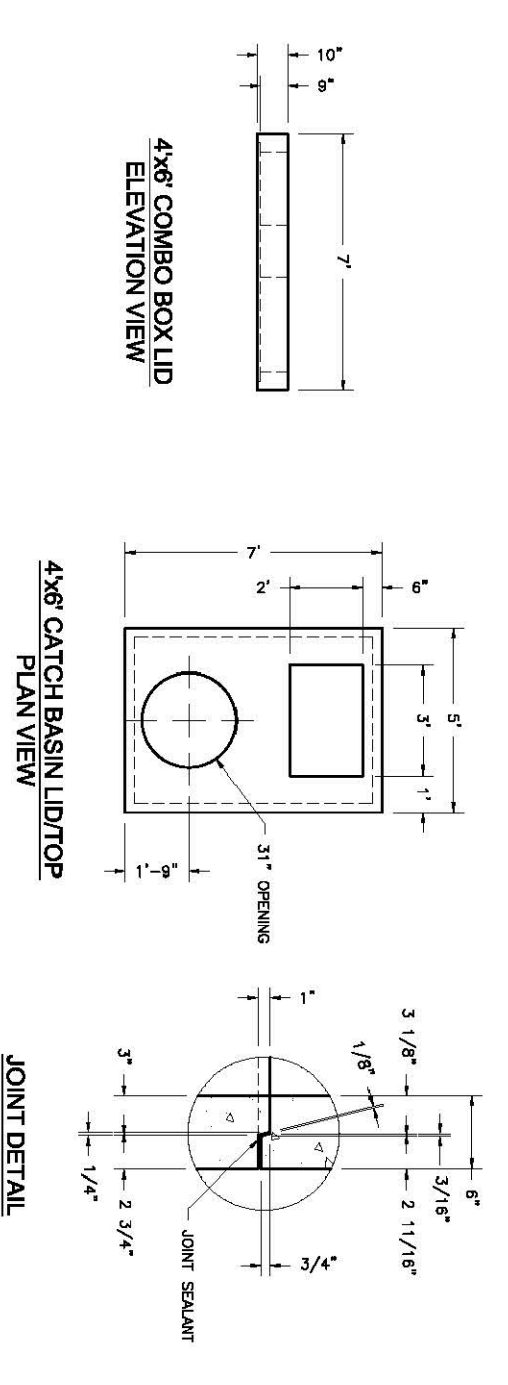
NOTES:  
1. Your design complies with ASTM C-857 and C-858.  
2. Lids are 20' square. 2' depth cover and on 2' riser. Lids are 20' square. 2' depth cover and on 2' riser. Lids are 20' square. 2' depth cover and on 2' riser.

**2'x3'**  
Basin  
2'x3' Catch Basin  
Basin and Risers

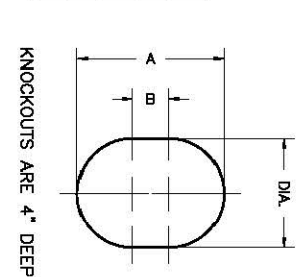


HEIGHT	BASE	RISER
0'	449 #	889 #
1'	1,290 #	1,290 #
2'	2,877 #	2,700 #
3'	3,391 #	3,600 #
5'	5,818 #	

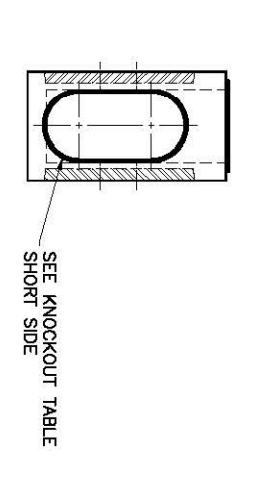
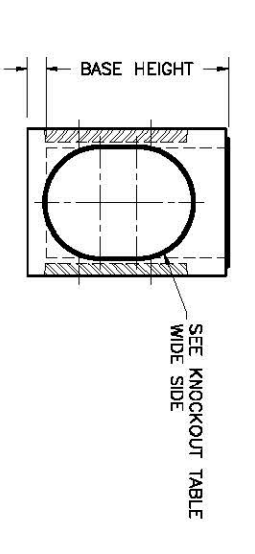
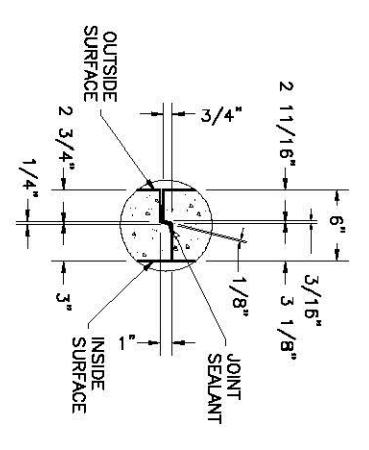
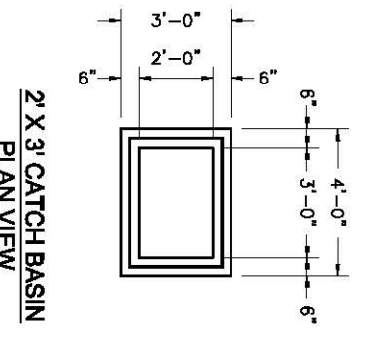
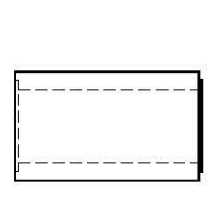
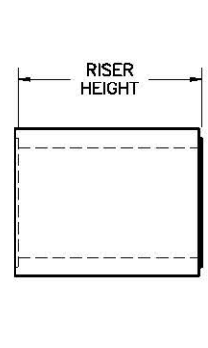
NOTES:  
1. Your design complies with ASTM C-857 and C-858.  
2. Lids are 20' square. 2' depth cover and on 2' riser. Lids are 20' square. 2' depth cover and on 2' riser.



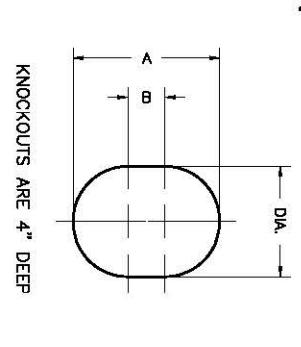
BASE HEIGHT	WIDE SIDE KNOCKOUT DIMENSIONS				SHOULDER SIDE KNOCKOUT DIMENSIONS			
	DIA.	A	B	C	DIA.	A	B	C
3'-4"	36"	36"	0"	0"	36"	36"	0"	0"
4'	36"	36"	0"	0"	36"	36"	0"	0"
5'	36"	36"	0"	0"	36"	36"	0"	12"
6'	36"	48"	12"	36"	48"	36"	12"	12"



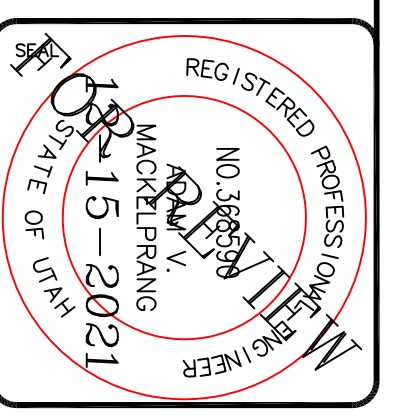
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801 West 12th Street  
C Ogden, Utah 84404  
Phone: (801) 399-1177  
Fax: (801) 392-7849  
For more information about our products, please visit  
[oldcastleprecast.com](http://oldcastleprecast.com)



BASE HEIGHT	WIDE SIDE KNOCKOUT DIMENSIONS				SHOULDER SIDE KNOCKOUT DIMENSIONS			
	DIA.	A	B	C	DIA.	A	B	C
3'	27"	27"	0"	0"	27"	27"	0"	0"
4'	35"	35"	0"	0"	34"	34"	0"	0"
5'	38"	48"	12"	22"	45"	45"	12"	23"



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PROJECT TITLE  
**TAYLOR LANDING PHASE 3  
A CLUSTER SUBDIVISION**

DRAWING TITLE  
**DETAILS**

DATE: DEC. 2021  
DRAWING No. 8