



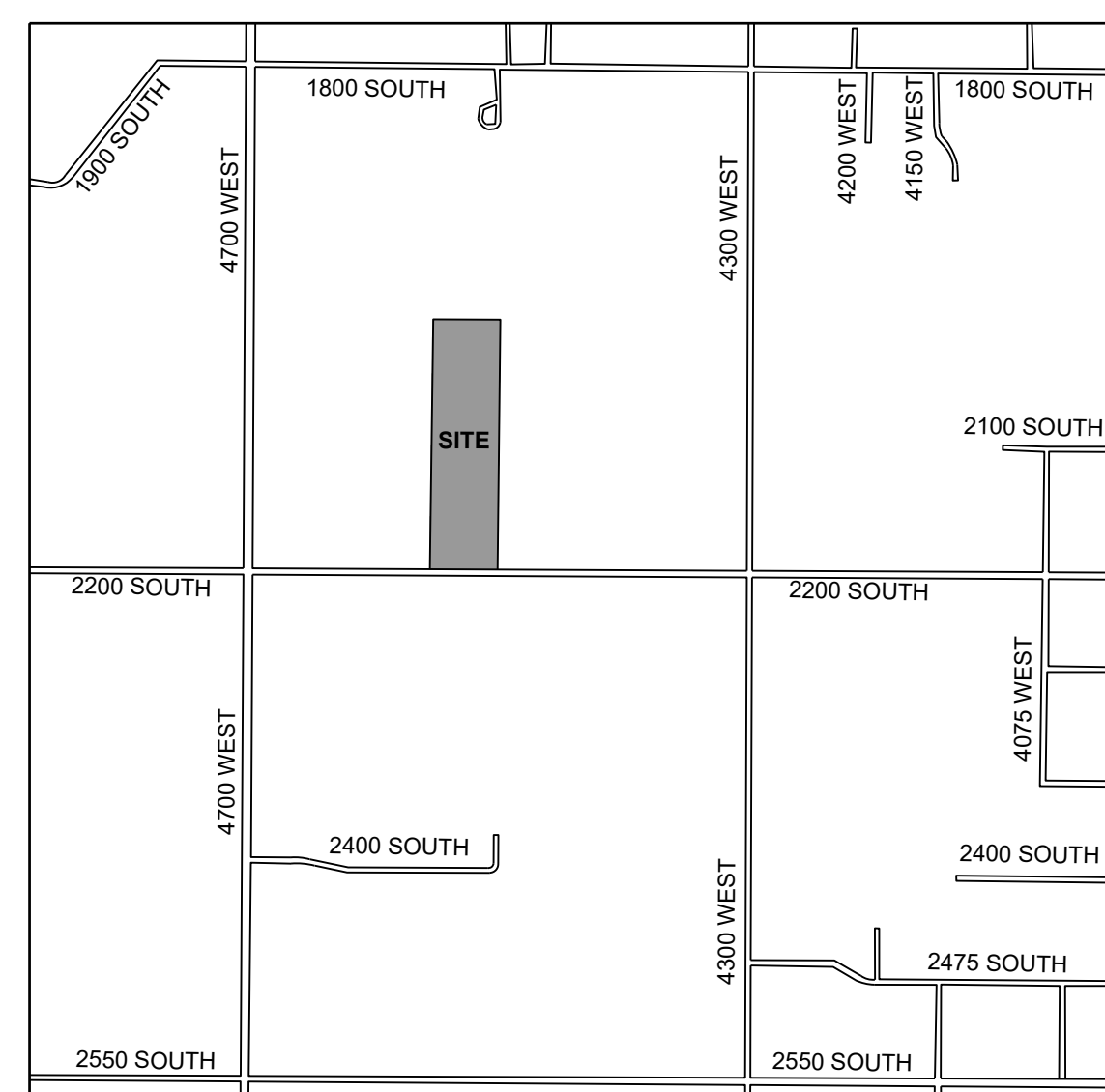
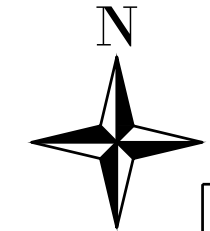
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SINGLETREE ACRES SUBDIVISION

**4520 WEST 2200 SOUTH
TAYLOR, UTAH 84401**

**A PORTION OF THE NORTHEAST QUARTER OF SECTION 29,
TOWNSHIP 6 NORTH, RANGE 2 WEST,
SALT LAKE BASE AND MERIDIAN
TAYLOR TOWNSHIP, WEBER COUNTY, UTAH**



VICINITY MAP

1. ALL WORK SHALL CONFORM TO WEBER COUNTY'S STANDARDS & SPECIFICATIONS
2. CALL BLUE STAKES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR IS CAUTIONED THAT THE LOCATION AND/OR ELEVATIONS OF THE EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE CARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES.

GENERAL NOTES

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SINGLETREE ACRES SUBDIVISION
4520 WEST 2200 SOUTH
TAYLOR TOWNSHIP, WEBER COUNTY, UTAH 84401

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REV	COMMENT
△	FIRE TURNAROUND RELOCATE (7/1/25)

SHEET NO.
C000
COVER PAGE

GENERAL NOTES

- ALL CONSTRUCTION MUST STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY: THE DESIGN ENGINEER, LOCAL AGENCY JURISDICTION, APWA (2017 EDITION), AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D). THE ORDER LISTED ABOVE IS ARRANGED BY SENIORITY. THE LATEST EDITION OF ALL STANDARDS AND SPECIFICATIONS MUST BE ADHERED TO. IF A CONSTRUCTION PRACTICE IS NOT SPECIFIED BY ANY OF THE LISTED SOURCES, CONTRACTOR MUST CONTACT DESIGN ENGINEER FOR DIRECTION.
- CONTRACTOR TO STRICTLY FOLLOW THE MOST CURRENT COPY OF THE SOILS REPORT FOR THE PROJECT. ALL GRADING INCLUDING BUT NOT LIMITED TO CUT, FILL, COMPACTION, ASPHALT SECTION, SUBBASE, TRENCH EXCAVATION/BACKFILL, SITE GRUBBING, AND FOOTINGS MUST BE COORDINATED DIRECTLY WITH SOILS REPORT.
- CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING AND BRING UP ANY QUESTIONS BEFORE SUBMITTING BID.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ACCORDING TO GOVERNING AGENCY STANDARDS. WET DOWN DRY MATERIALS AND RUBBISH TO PREVENT BLOWING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT SURFACE IMPROVEMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY SETTLEMENT OF OR DAMAGE TO EXISTING UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE TO FURNISH ALL MATERIALS TO COMPLETE THE PROJECT.
- UNLESS OTHERWISE NOTED, ALL ON-GRADE CONCRETE WILL BE PLACED ON A MINIMUM 4" GRAVEL BASE OVER A WELL COMPACTED (95% DENSITY PER ASTM D-1557) SUB GRADE.
- ALL EXPOSED SURFACES WILL HAVE A TEXTURED, RUBBED OR BROOMED FINISH. ANY "PLASTERING" OF NEW CONCRETE WILL BE DONE WHILE IT IS STILL "GREEN".
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTORS FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE. CONTRACTOR SHALL START INSTALLATION AT LOW POINT OF ALL NEW GRAVITY UTILITY LINES.
- ALL DIMENSIONS, GRADES, AND UTILITY DESIGN SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO THE DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS, IF SUCH NOTIFICATIONS HAVE NOT BEEN GIVEN.
- NO CHANGE IN DESIGN LOCATION OR GRADE WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE PROJECT ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, MAINTAINING OR RESTORING ALL MONUMENTS AND MONUMENT REFERENCE MARKS WITHIN THE PROJECT SITE. CONTACT THE CITY OR COUNTY SURVEYOR FOR MONUMENT LOCATIONS AND CONSTRUCTION DETAILS.
- CONTRACTOR TO LAYOUT AND POTHOLE FOR ALL POTENTIAL CONFLICTS WITH UTILITY LINES ON OR OFF SITE AS REQUIRED PRIOR TO ANY CONSTRUCTION AND THE CONTRACTOR WILL VERIFY DEPTHS OF UTILITIES IN THE FIELD BY POTHOLING A MINIMUM OF 300 FEET AHEAD OF PIPELINE CONSTRUCTION TO AVOID CONFLICTS WITH DESIGNED PIPELINE GRADE AND ALIGNMENT. IF A CONFLICT ARISES RESULTING FROM THE CONTRACTORS NEGLIGENCE TO POTHOLE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO RESOLVE THE CONFLICT WITHOUT ADDITIONAL COST OR CLAIM TO THE OWNER OR ENGINEER.
- ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED WILL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER.
- CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
- AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAWCUT TO A CLEAN AND SMOOTH EDGE.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY GUIDELINES.
- CONTRACTOR SHALL, AT THE TIME OF BIDDING AND THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE OF UTAH AND SHALL BE BONDABLE FOR AN AMOUNT REQUIRED BY THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED DURING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTIONS AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL RE-TESTING AND/OR REINSPECTION SHALL BE PAID FOR THE CONTRACTOR.
- 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.
- 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 CONTRACTORS 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.
- CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZED RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STRUCTURES AND OTHER FACILITIES. 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 RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE 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.
- 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 FIRST QUALITY ARE TO BE USED.

UTILITY NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS, CITY AND STATE REQUIREMENTS AND THE MOST RECENT EDITIONS OF THE FOLLOWING: THE INTERNATIONAL PLUMBING CODE, UTAH DRINKING WATER REGULATIONS, APWA MANUAL OF STANDARD PLANS AND SPECIFICATIONS. THE CONTRACTOR IS REQUIRED TO ADHERE TO ALL OF THE ABOVE-MENTIONED DOCUMENTS UNLESS OTHERWISE NOTED AND APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL COORDINATE LOCATION OF NEW "DRY UTILITIES" WITH THE APPROPRIATE UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO: TELEPHONE & INTERNET SERVICE, GAS SERVICE, CABLE AND POWER.

- EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS BASED ON ON-SITE SURVEY. 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. THE CONTRACTOR SHALL NOTIFY BLUE STAKES AT 1-800-662-4111 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.
- 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 CONTRACTOR'S EXPENSE.
- TRENCH BACKFILL MATERIAL AND COMPACTION TESTS ARE TO BE TAKEN PER APWA STANDARD SPECIFICATIONS (2017 EDITION), SECTION 02320 - BACKFILLING TRENCHES, OR AS REQUIRED BY THE GEOTECHNICAL REPORT IF NATIVE MATERIALS ARE USED. NO NATIVE MATERIALS ARE ALLOWED IN THE PIPE ZONE. THE MAXIMUM LIFT FOR BACKFILLING EXCAVATIONS IS 8-INCHES.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES FOR THE PROTECTION OF WORKERS.
- THE CONTRACTOR IS REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE APPROVED PROJECT LIMITS. THIS INCLUDES, BUT IS NOT LIMITED TO VEHICLE AND EQUIPMENT STAGING, MATERIAL STORAGE AND LIMITS OF TRENCH EXCAVATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMISSION AND/OR EASEMENTS FROM THE APPROPRIATE GOVERNING ENTITY AND/OR INDIVIDUAL PROPERTY OWNER(S) FOR WORK OR STAGING OUTSIDE OF THE PROJECT LIMITS.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY ANY CONDITION INCLUDING SETTLEMENT TO EXISTING UTILITIES FROM WORK PERFORMED AT OR NEAR EXISTING UTILITIES. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT ALL EXISTING PUBLIC AND PRIVATE ROADWAY AND UTILITY FACILITIES. DAMAGE TO EXISTING FACILITIES CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE TO THE SATISFACTION OF THE OWNER OF SAID FACILITIES.
- ALL WATER AND SEWER LINE INSTALLATION AND TESTING TO BE IN ACCORDANCE WITH LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- ALL MANHOLES, HYDRANTS, VALVES, CLEANOUT BOXES, CATCH BASINS, METERS, ETC. MUST BE RAISED OR LOWERED TO FINAL GRADE PER APWA (2017 EDITION) STANDARDS AND INSPECTOR REQUIREMENTS. CONCRETE COLLARS MUST BE CONSTRUCTED ON ALL MANHOLES, CLEANOUT BOXES, CATCH BASINS, AND VALVES PER APWA STANDARDS. ALL MANHOLES, CATCH BASINS, OR CLEANOUT BOX CONNECTIONS MUST BE MADE WITH THE PIPE CUT FLUSH WITH THE INSIDE OF THE BOX AND GROUTED OR SEALED.
- CONTRACTOR SHALL NOT ALLOW ANY GROUNDWATER OR DEBRIS TO ENTER THE NEW EXISTING PIPE DURING CONSTRUCTION.
- SILT AND DEBRIS ARE 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.
- CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES TO ALLOW ACCESS.
- EACH TRENCH SHALL BE EXCAVATED SO THAT THE PIPE CAN BE LAID TO THE ALIGNMENT AND GRADE AS REQUIRED. THE TRENCH WALL SHOULD BE BRACED SUCH THAT THE WORKMEN MAY WORK SAFELY AND EFFICIENTLY. ALL TRENCHES SHALL BE DRAINED SO THE PIPE LAYING MAY TAKE PLACE IN DEWATERED CONDITIONS.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.
- ALL SEWER LINES AND SEWER SERVICES SHALL HAVE A MINIMUM SEPARATION OF 10 FEET, CENTER TO CENTER, FROM THE WATER LINES. IF A 10 FOOT SEPARATION CAN NOT BE MAINTAINED, THE SEWER LINE AND WATERLINE SHALL BE LAID IN SEPARATE TRENCHES AND THERE SHALL BE A MINIMUM 18" VERTICAL SEPARATION BETWEEN THE PIPES.
- CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES.
- ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET PAVING.
- CONTRACTOR SHALL INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL NONMETALLIC PIPE.

TRAFFIC CONTROL AND SAFETY NOTES

- TRAFFIC CONTROL AND STRIPING TO CONFORM TO THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D).
- BARRICADING AND DETOURING SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE CURRENT M.U.T.C.D.
- NO STREET SHALL BE CLOSED TO TRAFFIC WITHOUT WRITTEN PERMISSION FROM THE APPROPRIATE AGENCY, EXCEPT WHEN DIRECTED BY LAW ENFORCEMENT OR FIRE OFFICIALS.
- THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROVIDE FOR SMOOTH TRAFFIC FLOW AND SAFETY. ACCESS SHALL BE MAINTAINED FOR ALL PROPERTIES ADJACENT TO THE WORK.
- DETOURING OPERATIONS FOR A PERIOD OF SIX CONSECUTIVE CALENDAR DAYS, OR MORE, REQUIRE THE INSTALLATION OF TEMPORARY STREET STRIPING AND REMOVAL OF INTERFERING STRIPING BY SANDBLASTING. THE DETOURING STRIPING PLAN OR CONSTRUCTION TRAFFIC CONTROL PLAN MUST BE SUBMITTED TO THE CITY TRAFFIC ENGINEER FOR REVIEW AND APPROVAL.
- ALL TRAFFIC CONTROL DEVICES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE END OF WORK TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
- TRAFFIC CONTROL DEVICES (TCDs) SHALL REMAIN VISIBLE AND OPERATIONAL AT ALL TIMES.
- ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
- THE CONTRACTOR SHALL PROVIDE BARRICADES, SIGNS, FLASHERS, OTHER EQUIPMENT AND FLAG PERSONS NECESSARY TO INSURE THE SAFETY OF WORKERS AND VISITORS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTAH TRANSIT AUTHORITY (UTA) IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET TO ARRANGE FOR TEMPORARY RELOCATION OF STOP.

GRADING AND DRAINAGE NOTES

- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL RELATED ADDENDUMS.
- THE CONTRACTOR SHALL STRIP AND CLEAR THE TOPSOIL, MAJOR ROOTS AND ORGANIC MATERIAL FROM ALL PROPOSED BUILDING AND PAVEMENT AREAS PRIOR TO SITE GRADING. (THE TOPSOIL MAY BE STOCKPILED FOR LATER USE IN LANDSCAPED AREAS)
- THE CONTRACTOR SHALL REMOVE ALL ORGANIC MATERIAL AND OTHER DELETERIOUS MATERIALS PRIOR TO PLACING GRADING FILL OR BASE COURSE. THE AREA SHOULD BE PROOF-ROLLED TO IDENTIFY ANY SOFT AREAS. WHERE SOFT AREAS ARE ENCOUNTERED, THE CONTRACTOR SHALL REMOVE THE SOIL AND REPLACE WITH COMPACTED FILL.
- ALL DEBRIS PILES AND BERMS SHOULD BE REMOVED AND HAULED AWAY FROM SITE OR USED AS GENERAL FILL IN LANDSCAPED AREAS.

- THE CONTRACTOR SHALL CONSTRUCT THE BUILDING PAD TO THESE DESIGN PLANS AS PART OF THE SITE GRADING CONTRACT, AND STRICTLY ADHERE TO THE SITE PREPARATION AND GRADING REQUIREMENTS OUTLINED IN THE GETOTECHNICAL REPORT.
- THE CONTRACTOR SHALL GRADE THE PROJECT SITE TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND EXISTING ASPHALT, CURB AND GUTTER, AND ADJOINING SITE IMPROVEMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE AND DEBRIS ON ADJACENT STREETS WHEN EQUIPMENT IS TRAVELING THOSE STREETS.
- THE CONTRACTOR SHALL BE FAMILIAR WITH ALL CONDITIONS AND RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT AND TAKE ALL NECESSARY PRECAUTIONS AND RECOMMENDED PROCEDURES TO ASSURE SOUND GRADING PRACTICES.
- THE CONTRACTOR SHALL TAKE APPROPRIATE GRADING MEASURES TO DIRECT STORM SURFACE RUNOFF TOWARDS CATCH BASINS.
- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON ON-SITE SURVEY. IT SHALL BE THE CONTRACTORS FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES, AND SLOPES SHOWN.
- THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
- THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT. ALL CONTRACTOR ACTIVITIES 1 ACRE OR MORE IN SIZE ARE REQUIRED TO PROVIDE A STORM POLLUTION PREVENTION PLAN.
- ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
- THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER FROM GOVERNING AGENCY.
- THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAYS IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY-OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE, AND USABLE CONDITION.



THE CONTRACTOR IS TO CALL BLUE STAKES PRIOR TO ANY CONSTRUCTION.

LEGEND	
PROPOSED	EXISTING
WATER METER	
WATER MANHOLE	
WATER BOX	
WATER VALVE	
FIRE HYDRANT	
SECONDARY WATER VALVE	
IRRIGATION BOX	
IRRIGATION VALVE	
SANITARY SEWER MANHOLE	
SANITARY SEWER CLEANOUT	
STORM DRAIN INLET BOX	
STORM DRAIN CATCH BASIN	

LEGEND	
PROPOSED	EXISTING
STORM DRAIN MANHOLE	
ROOF DRAIN	
UTILITY POLE	
STREET LIGHT	
SIGN	
SPOT ELEVATION	
SILT FENCE	
STRIPING	
FENCE	
RIDGELINE	
STORM DRAIN LINE	
ROOF DRAIN LINE	
HIGH WATER LINE	

LEGEND			
	PROPOSED		EXISTING
SANITARY SEWER LINE	SS	SS	ss
LAND DRAIN LINE	LD	LD	ld
CULINARY WATER LINE	w	w	w
SECONDARY WATER LINE		SW	sw
IRRIGATION WATER LINE		IRR	irr
OVERHEAD POWER LINE		ohp	ohp
GAS LINE		g	g
TELEPHONE LINE		T	T
SAW CUT LINE		-----	

NOTE: THIS LEGEND MAY INCLUDE SYMBOLS THAT ARE NOT USED IN THIS PLAN SET.



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SINGLETREE ACRES SUBDIVISION

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REV	COMMENT
1	FIRE TURNAROUND RELOCATE (7/1/25)

SHEET NO.

C100

NOTES

LOT AREAS

LOT #	AREA	LOT #	AREA
LOT 1	14,057.60 SQ FT (0.32 ACRES)	LOT 13	10,902.72 SQ FT (0.25 ACRES)
LOT 2	32,043.53 SQ FT (0.74 ACRES)	LOT 14	10,051.60 SQ FT (0.23 ACRES)
LOT 3	13,954.62 SQ FT (0.32 ACRES)	LOT 15	10,057.57 SQ FT (0.23 ACRES)
LOT 4	12,352.26 SQ FT (0.28 ACRES)	LOT 16	10,057.59 SQ FT (0.23 ACRES)
LOT 5	12,350.61 SQ FT (0.28 ACRES)	LOT 17	10,057.59 SQ FT (0.23 ACRES)
LOT 6	12,530.91 SQ FT (0.29 ACRES)	LOT 18	10,057.59 SQ FT (0.23 ACRES)
LOT 7	12,922.57 SQ FT (0.30 ACRES)	LOT 19	10,057.50 SQ FT (0.23 ACRES)
LOT 8	13,194.67 SQ FT (0.30 ACRES)	LOT 20	12,114.94 SQ FT (0.28 ACRES)
LOT 9	13,192.78 SQ FT (0.30 ACRES)	LOT 21	12,708.88 SQ FT (0.29 ACRES)
LOT 10	13,190.89 SQ FT (0.30 ACRES)	LOT 22	10,829.18 SQ FT (0.25 ACRES)
LOT 11	13,189.01 SQ FT (0.30 ACRES)	LOT 23	10,829.18 SQ FT (0.25 ACRES)
LOT 12	13,233.79 SQ FT (0.30 ACRES)	LOT 24	10,829.18 SQ FT (0.25 ACRES)
		LOT 25	15,097.51 SQ FT (0.35 ACRES)

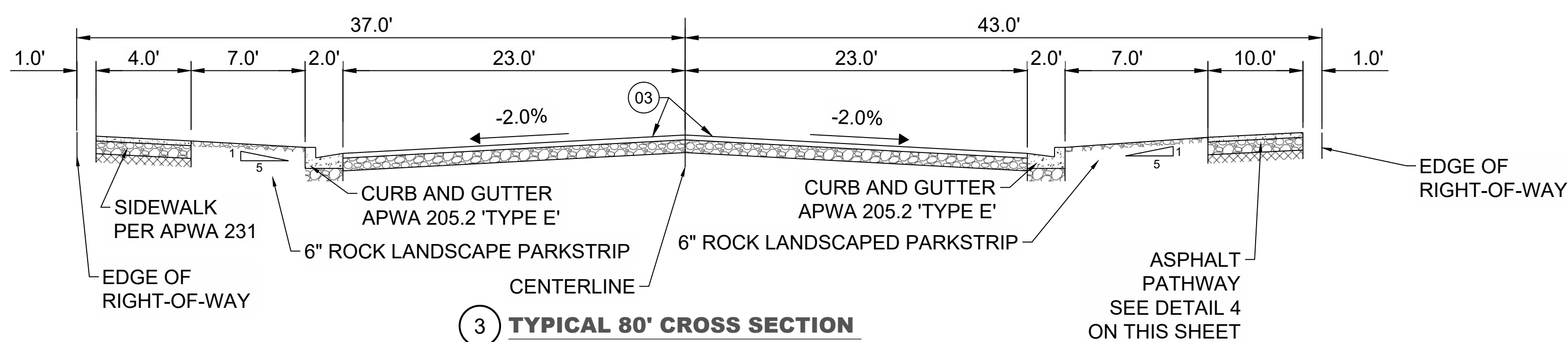
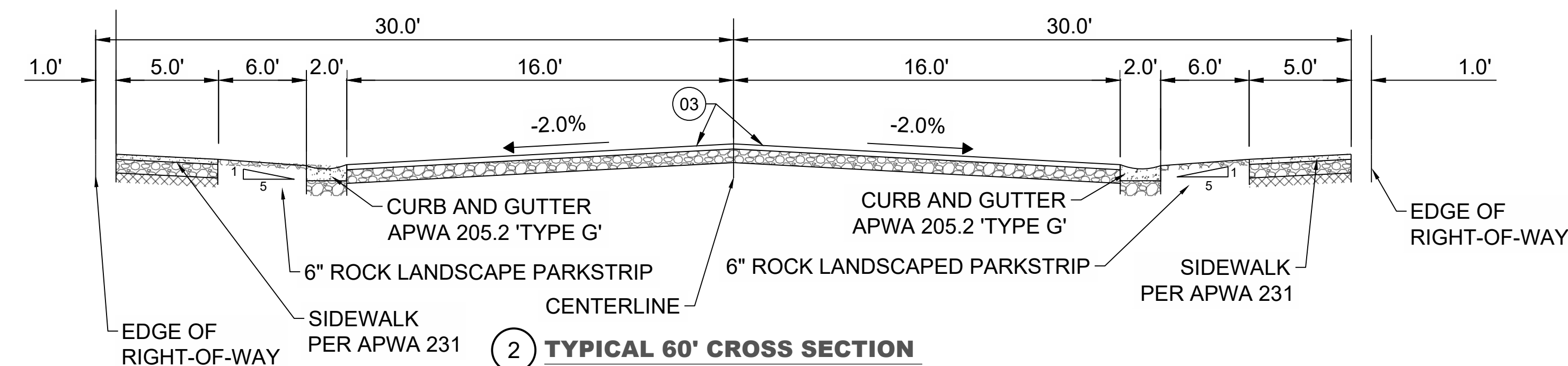
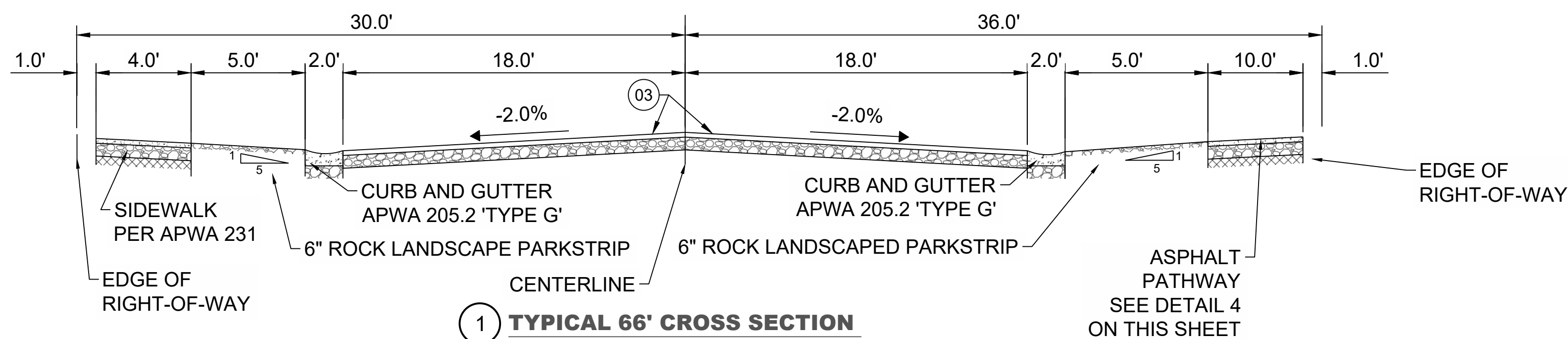
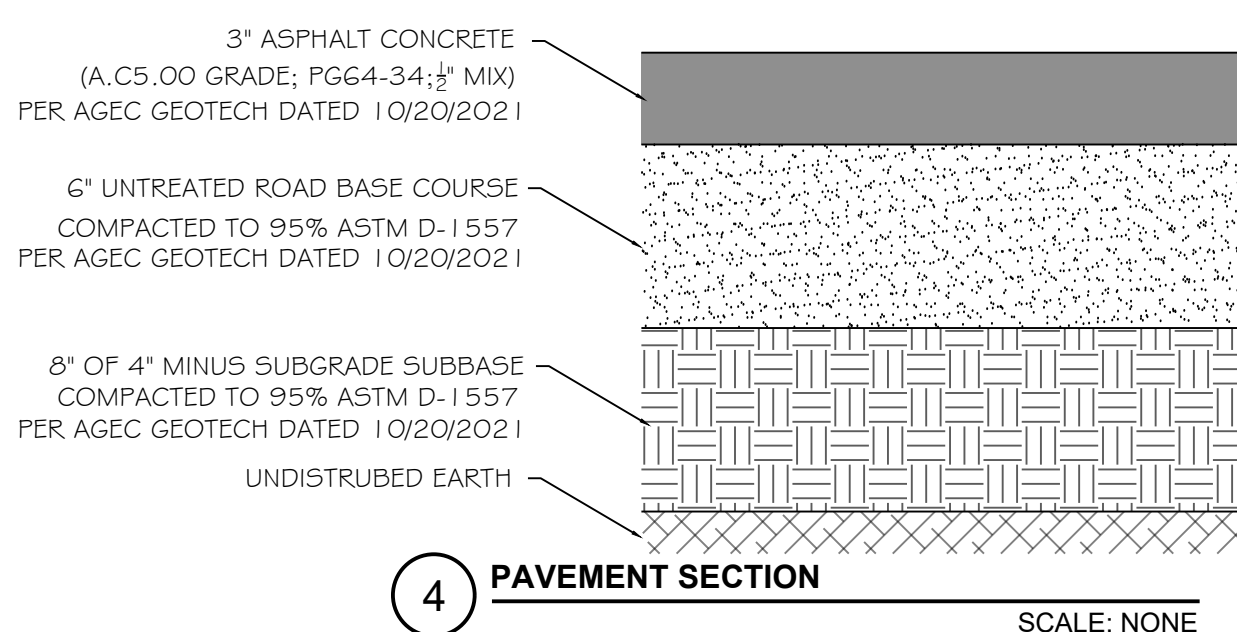
TYP. PUE & SETBACKS

PROPERTY ZONE: R-1-6

FRONT SETBACK	30.0 FT
SIDE SETBACK	12.0 FT
REAR SETBACK	30.0 FT
CORNER SIDE SETBACK	30.0 FT
FRONT PUE & DE	10 FT

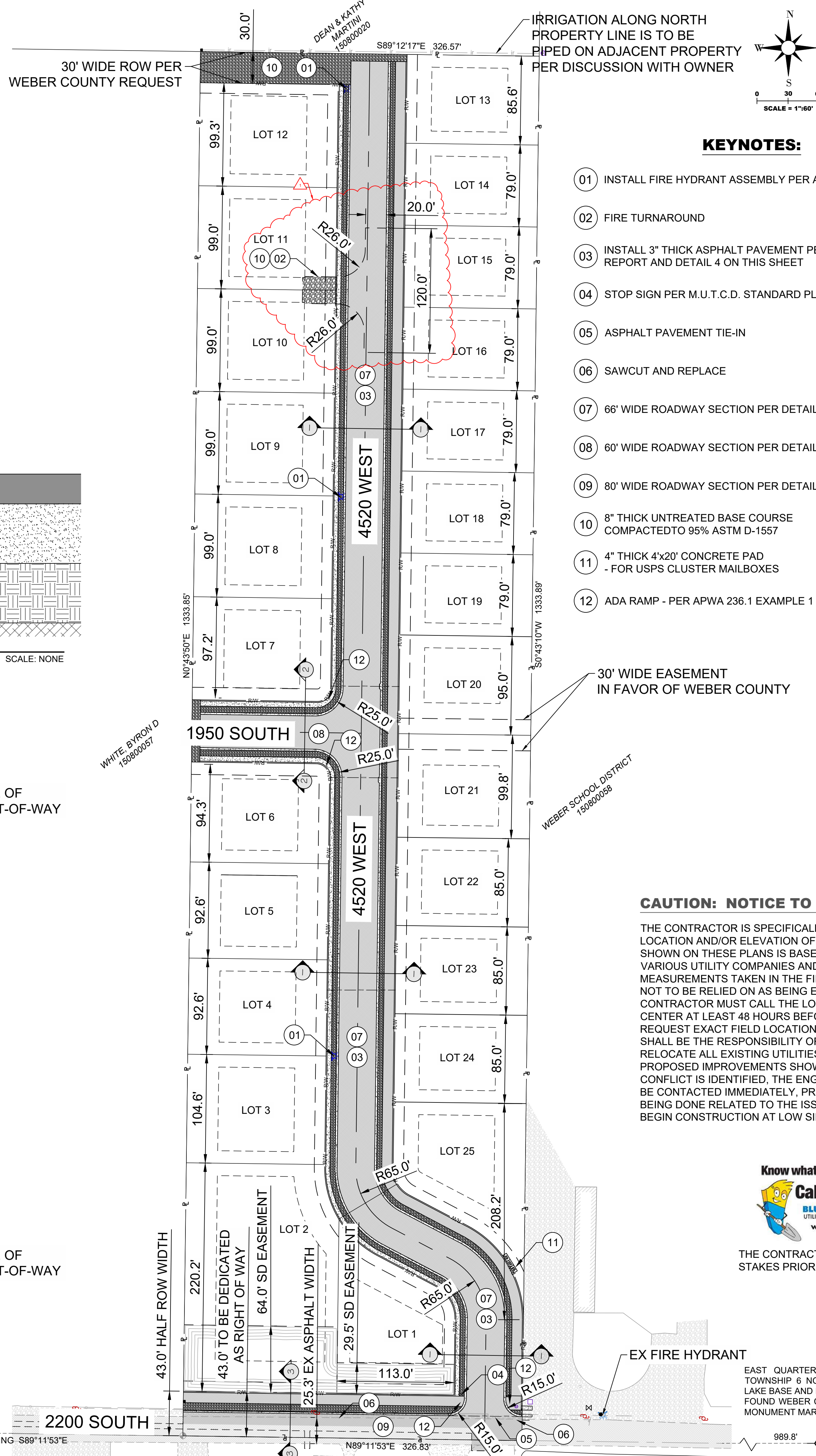
LAND USE TABLE

TOTAL GROSS ACREAGE (ACRES)	435,947 SQ FT (10.00 ACRES)
MINIMUM LOT SIZE (ACRES)	10,000 SQ FT (0.23 ACRES)
AVERAGE LOT SIZE (ACRES)	17,437.88 (0.40 ACRES)
TOTAL NUMBER OF LOTS	25 LOTS
RIGHT OF WAY AREA (ACRES)	116,202.64 SQ FT (2.67 ACRES)



CENTER OF SECTION 29, TOWNSHIP 6 NORTH, RANGE 2 WEST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY. FOUND WEBER COUNTY SURVEY BRASS CAP MONUMENT 5" BELOW GROUND

989.56' (TIE) BASIS OF BEARING: S89°11'53"E



- KEYNOTES:**
- 01 INSTALL FIRE HYDRANT ASSEMBLY PER APWA DETAILS 511
 - 02 FIRE TURNAROUND
 - 03 INSTALL 3" THICK ASPHALT PAVEMENT PER GEOTECHNICAL REPORT AND DETAIL 4 ON THIS SHEET
 - 04 STOP SIGN PER M.U.T.C.D. STANDARD PLANS
 - 05 ASPHALT PAVEMENT TIE-IN
 - 06 SAWCUT AND REPLACE
 - 07 66" WIDE ROADWAY SECTION PER DETAIL 1 ON THIS SHEET
 - 08 60" WIDE ROADWAY SECTION PER DETAIL 2 ON THIS SHEET
 - 09 80" WIDE ROADWAY SECTION PER DETAIL 3 ON THIS SHEET
 - 10 8" THICK UNTREATED BASE COURSE COMPACTED TO 95% ASTM D-1557
 - 11 4" THICK 4"x20" CONCRETE PAD - FOR USPS CLUSTER MAILBOXES
 - 12 ADA RAMP - PER APWA 236.1 EXAMPLE 1

CAUTION: NOTICE TO CONTRACTOR

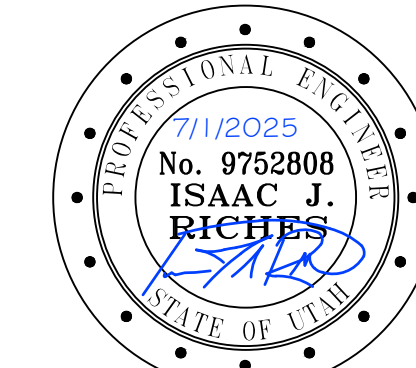
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THE CONTRACTOR IS TO CALL BLUE STAKES PRIOR TO ANY CONSTRUCTION.



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SLC, UT 84106
isaac@irecivil.com (801) 860-2191



SINGLETREE ACRES SUBDIVISION
4520 WEST 2200 SOUTH
TAYLOR TOWNSHIP, WEBER COUNTY, UTAH 84401

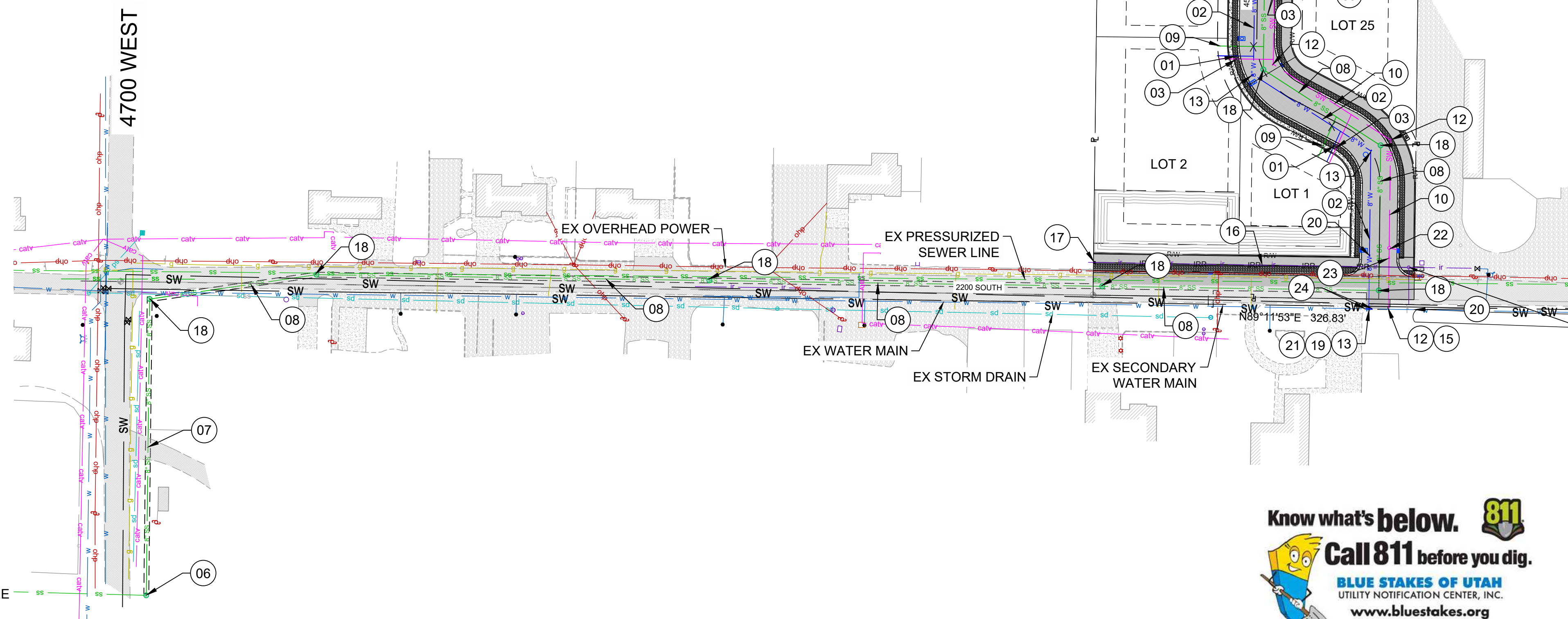
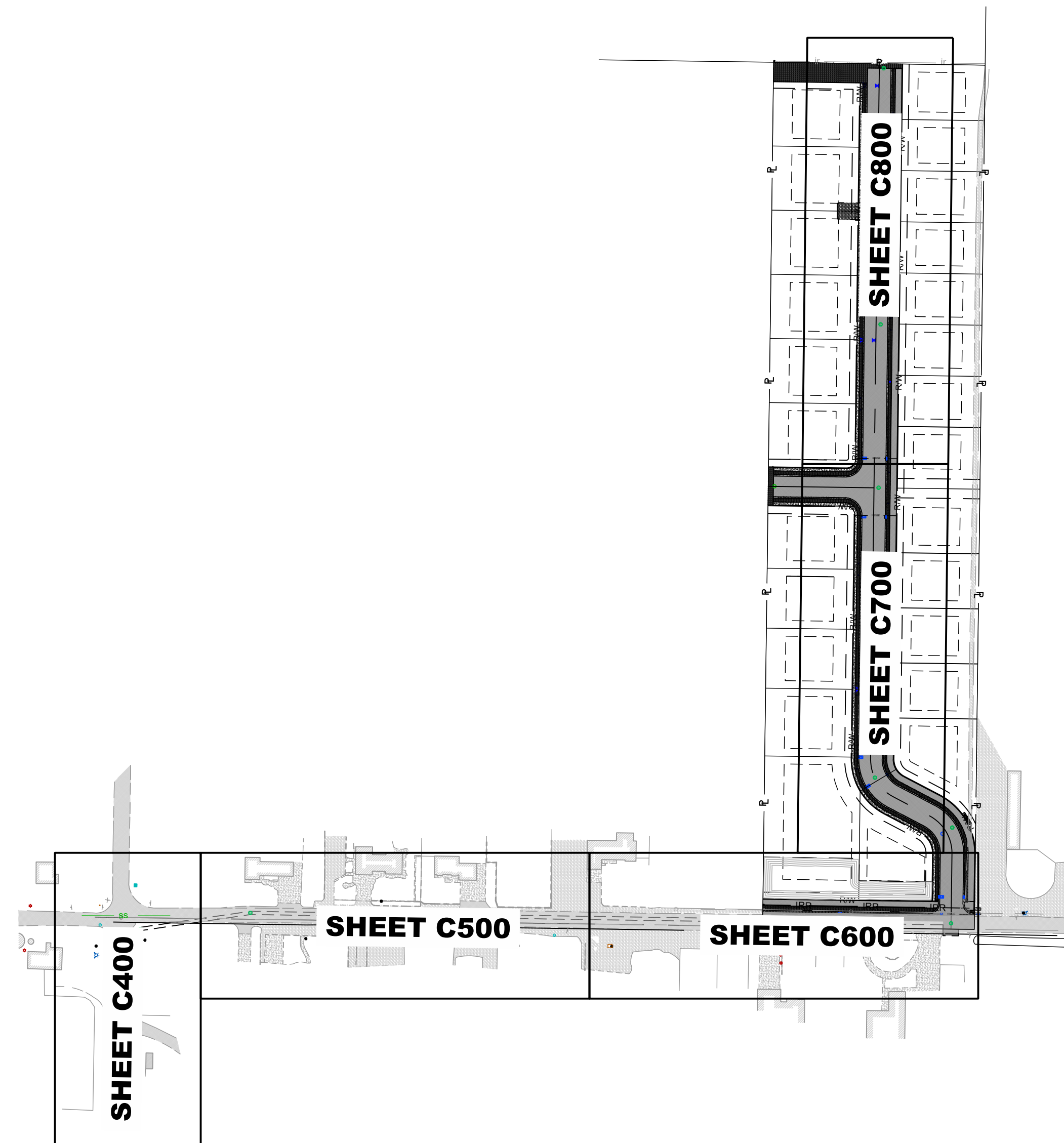
CLIENT CONTACT
NAME: CHAD BUCK
ADDRESS: 2205 SOUTH 400 EAST CLEARFIELD, UTAH 84015
PHONE: (801) 725-3511
EMAIL: CTB@HOMES19.COM

REV	COMMENT
1	FIRE TURNAROUND RELOCATE (7/1/25)

SHEET NO. **C200**
SITE PLAN

EAST QUARTER CORNER OF SECTION 29, TOWNSHIP 6 NORTH, RANGE 2 WEST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY. FOUND WEBER COUNTY SURVEY BRASS CAP MONUMENT MARKED "2004" IN RING IN LID

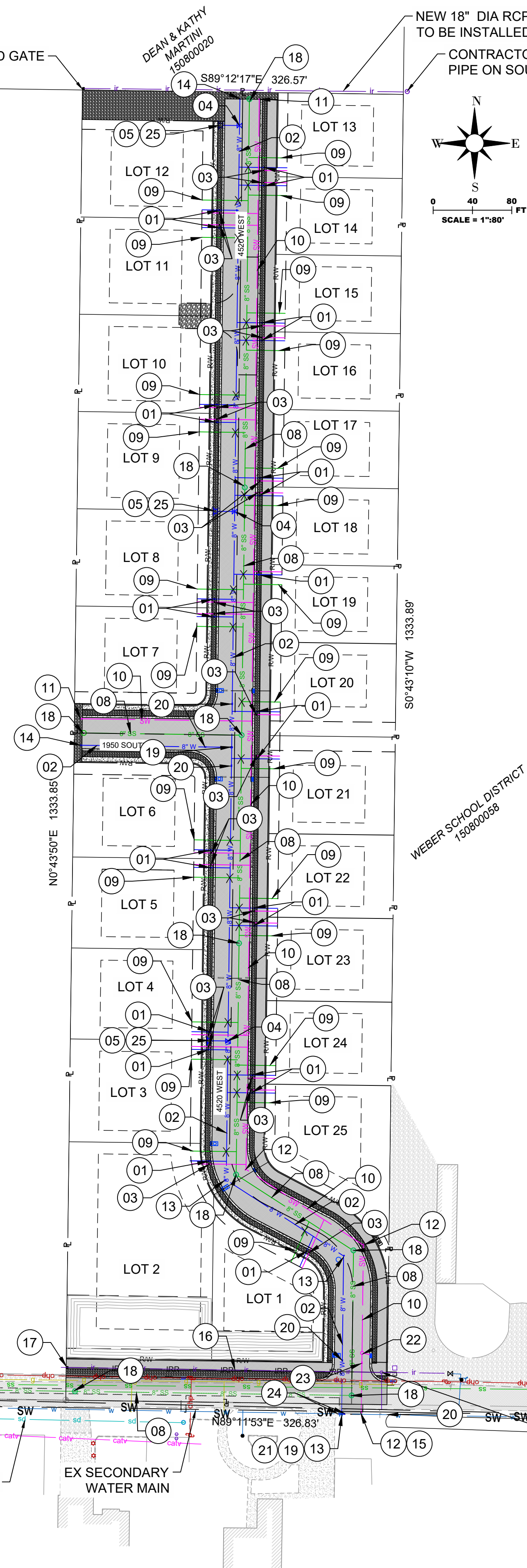
DEVELOPER: CTB@HOMES19.COM
2205 SOUTH 400 EAST CLEARFIELD, UTAH 84015
801-725-3511



NOTES TO CONTRACTOR

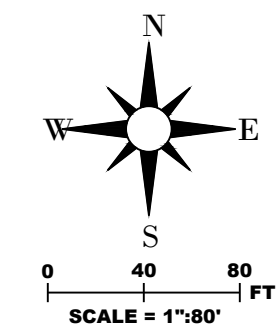
1. CONTRACTOR IS TO MAINTAIN 10 FT OF SEPARATION BETWEEN SEWER FACILITIES AND WATER FACILITIES.
2. CONTRACTOR IS TO SLEEVE ALL SEWER MAIN AND LATERALS AT ALL CROSSINGS WITH WATER MAIN OR LATERALS THAT ARE WITHIN 18" CLEARANCE PER TAYLOR WEST WEBER WATER DISTRICT STANDARD #6.
3. CONTRACTOR IS TO CUT IN AND INSTALL AN 8"x8"x8" TEE INTO THE EXISTING WATER MAIN LOCATED IN 2200 SOUTH. INSTALLATION OF 8" GATE VALVES ARE TO BE INSTALLED ON ALL LEGS OF NEWLY INSTALLED TEE.
4. SELECT TAYLOR WEST WEBER WATER STANDARDS ARE ATTACHED.

WHITE, BYRON D
150800057



KEYNOTES:

- 01 WATER LATERAL & WATER METER PER DETAIL 3 ON SHEET C600 - 1" POLY PIPE AFTER METER
 - 02 8" C900 DR-18 CULINARY WATER MAIN
 - 03 1" POLY SECONDARY WATER LATERAL & METER PER HOOPER IRRIGATION STANDARD PI-10
 - 04 6" GATE VALVE
 - 05 FIRE HYDRANT ASSEMBLY PER DETAIL 3 ON SHEET C600
 - 06 TIE INTO EXISTING 5' SSMH
 - 07 12" SDR-35 SEWER MAIN
 - 08 8" SDR-35 SEWER MAIN
 - 09 4" SDR-35 SEWER LATERAL PER CENTRAL WEBER SEWER IMPROVEMENT DISTRICT STD DWG #D-6
 - 10 8" C900 DR-14 SECONDARY WATER LINE
 - 11 AIR-VAC PER HOOPER IRRIGATION STD PI-1
 - 12 THRUST BLOCK PER HOOPER IRRIGATION STD PI-3
 - 13 THRUST BLOCK PER APWA #561
 - 14 8" BLOW OFF VALVE PER TAYLOR WEST WEBER WATER STD DWG (SEE DETAIL 2 ON SHEET C600)
 - 15 HOT TAP CONNECTION
 - 16 REPLACE EXISTING TILE PIPE WITH 15" DIA RCP PIPE
 - 17 NEW 2'x2' IRRIGATION BOX
 - 18 NEW SEWER MANHOLE - SEE PLAN AND PROFILE SHEETS FOR SIZE, RIM AND DEPTH
 - 19 8"x8"x8" TEE
 - 20 8" GATE VALVE
 - 21 CUT IN NEW TEE CONNECTION FOR SUBDIVISION SERVICE
 - 22 SUMP AND DRAIN PER HOOPER STD DWG #PI-11
 - 23 8" GATE VALVE PER HOOPER IRRIGATION STD DWG # PI-2
 - 24 8" GATE VALVE FLANGED TO WATER MAIN TEE
 - 25 6" C900 DR-18 FIRE HYDRANT WATER LINE
- X SEWER SLEEVING LOCATIONS (PER TAYLOR WEST WEBER STD DWG - DETAIL 1 ON SHEET C600)



CAUTION: NOTICE TO CONTRACTOR

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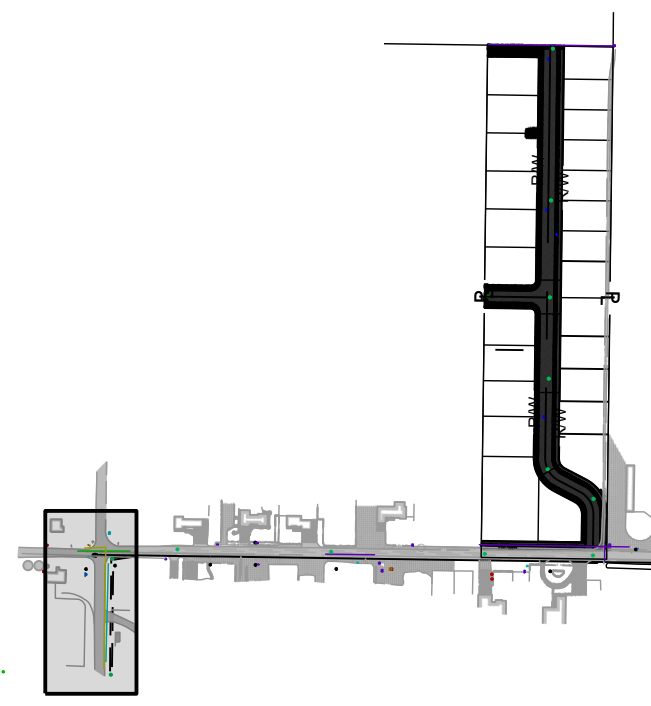


SINGLETREE ACRES SUBDIVISION
4520 WEST 2200 SOUTH
TAYLOR TOWNSHIP, WEBER COUNTY, UTAH 84401

CLIENT CONTACT
NAME: CHAD BUCK
ADDRESS: 2205 SOUTH 400 EAST
CLEARFIELD, UTAH 84015
PHONE: (801) 725-3511
EMAIL: CTB@HOMES19.COM

REV	COMMENT
1	RELOCATE (PI-25)

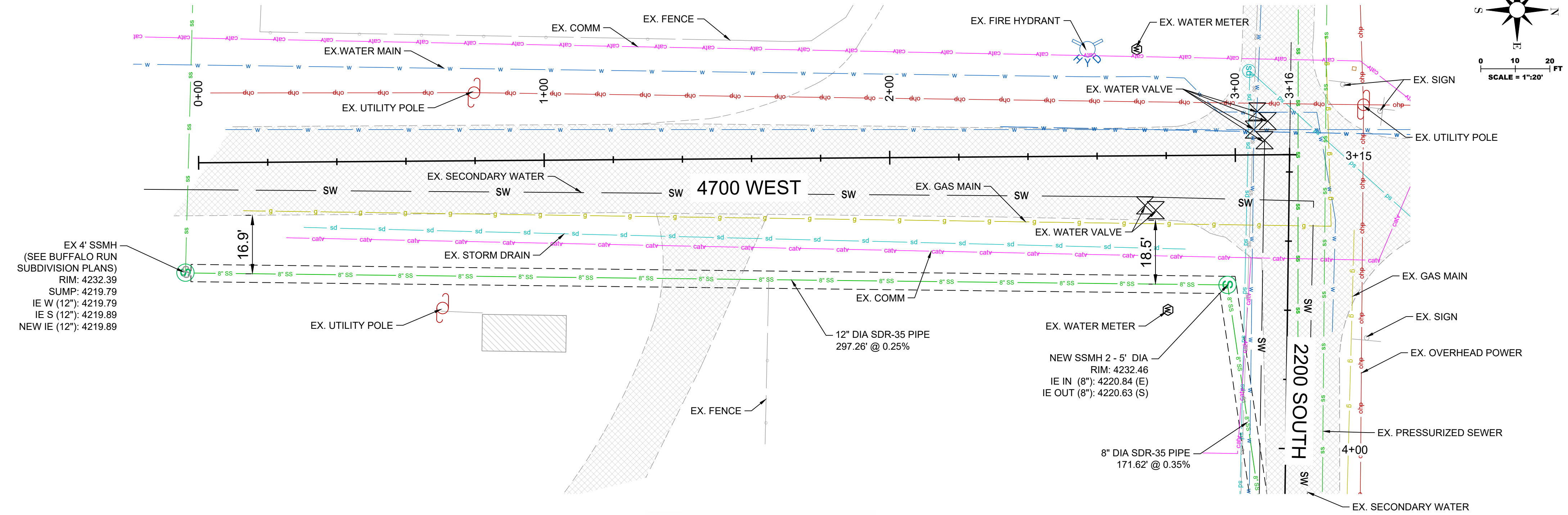
SHEET NO.
C300
UTILITY PLAN



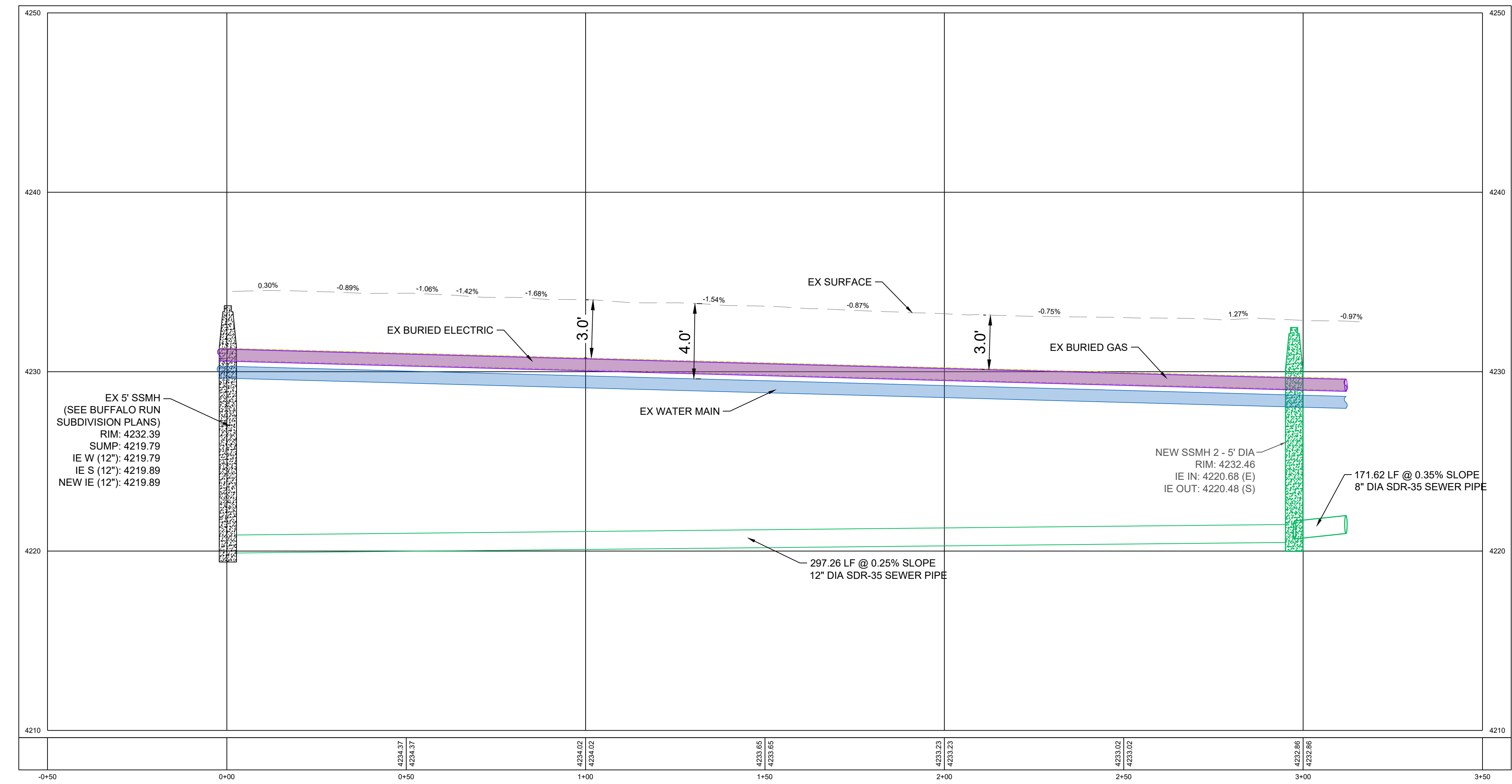
REFERENCE PLAN

UDOT GENERAL NOTES

1. ALL CONSTRUCTION WITHIN THE UDOT RIGHT-OF-WAY SHALL CONFORM TO THE MOST CURRENT UDOT STANDARD (INCLUDING SUPPLEMENTAL) DRAWINGS AND SPECIFICATIONS
2. THE CONTRACTOR IS TO OBTAIN AN ENCROACHMENT PERMIT FROM THE APPLICABLE UDOT REGION PERMIT OFFICE PRIOR TO COMMENCING WORK WITHIN UDOT RIGHT-OF-WAY. WORKING HOUR LIMITATIONS WILL BE LISTED IN THE LIMITATIONS SECTION OF THE ENCROACHMENT PERMIT.
3. UDOT RESERVES THE RIGHT, AT ITS OPTION, TO INSTALL A RAISED MEDIAN ISLAND OR RESTRICT THE ACCESS TO A RIGHT-IN OR RIGHT-OUT AT ANY TIME. OWNER, DEVELOPER, AND CONTRACTOR ARE RESPONSIBLE FOR ANY DAMAGES DIRECTLY OR INDIRECTLY WITHIN THE UDOT RIGHT-OF-WAY AS A RESULT OF DEVELOPMENT ACTIVITIES.
4. OWNER, DEVELOPER, AND/OR CONTRACTOR IS REQUIRED TO HIRE AN INDEPENDENT COMPANY FOR ALL TESTING WITHIN THE UDOT RIGHT-OF-WAY.
5. ALL SIGNS INSTALLED ON THE UDOT RIGHT-OF-WAY MUST BE HIGH INTENSITY GRADE (TYPE XI SHEETING) WITH A B3 SLIP BASE. INSTALL ALL SIGNS PER UDOT SN SERIES STANDARD DRAWINGS.
6. COMPY WITH THE REQUIREMENTS OF UTAH COE 17-23-14 (DISTURBED CORNERS - COUNTY SURVEYOR TO BE NOTIFIED - COORDINATION WITH CERTAIN STATE AGENCIES).



4700 WEST PLAN VIEW



4700 WEST PROFILE VIEW



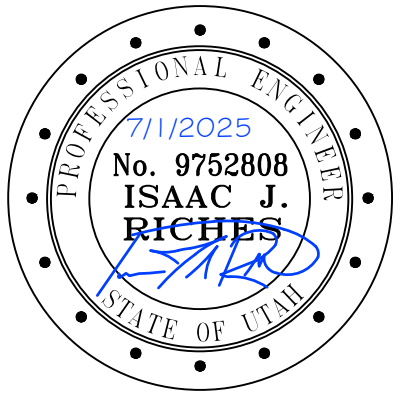
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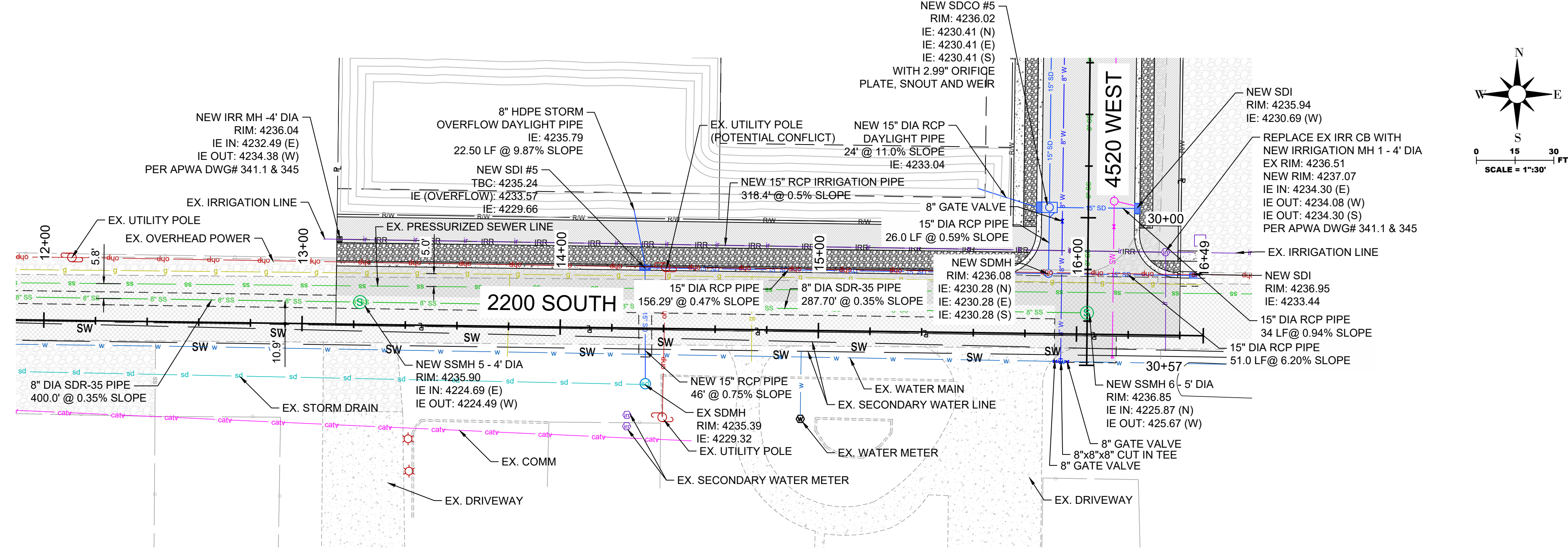


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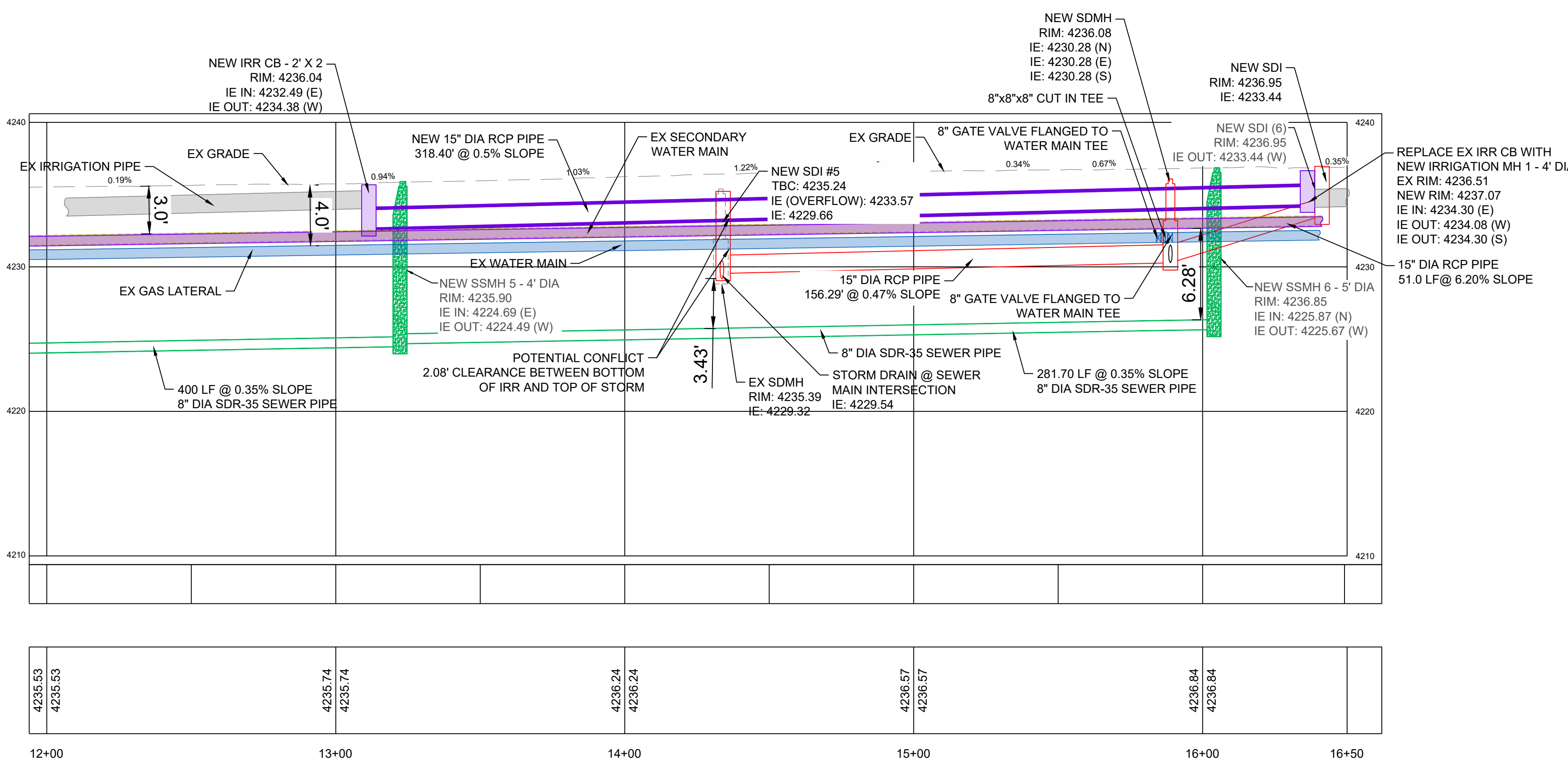
CLIENT CONTACT
NAME: CHAD BUCK
ADDRESS: 2205 SOUTH 400 EAST
CLEARFIELD, UTAH 84015
PHONE: (801) 725-3511
EMAIL: CTB@HOMES19.COM

REV	COMMENT
1	FIRE TURNAROUND RELOCATE (7/1/25)

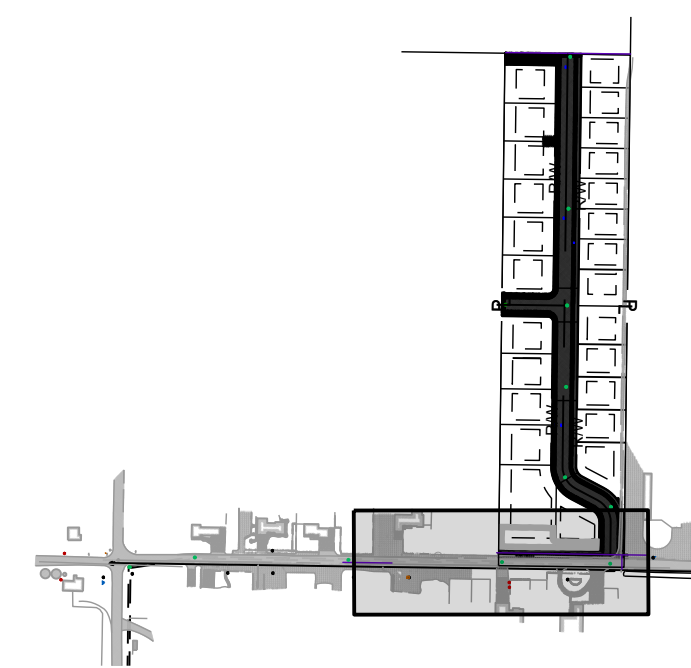
SHEET NO.
C301
4700 WEST PLAN AND PROFILE



2200 SOUTH PLAN VIEW



2200 SOUTH PROFILE VIEW



REFERENCE PLAN



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CLIENT CONTACT
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PHONE: (801) 725-3511
EMAIL: CTB@HOMES19.COM

REV	COMMENT
1	FIRE TURNAROUND RELOCATE (7/1/25)

SHEET NO.
C303
2200 SOUTH PLAN AND PROFILE



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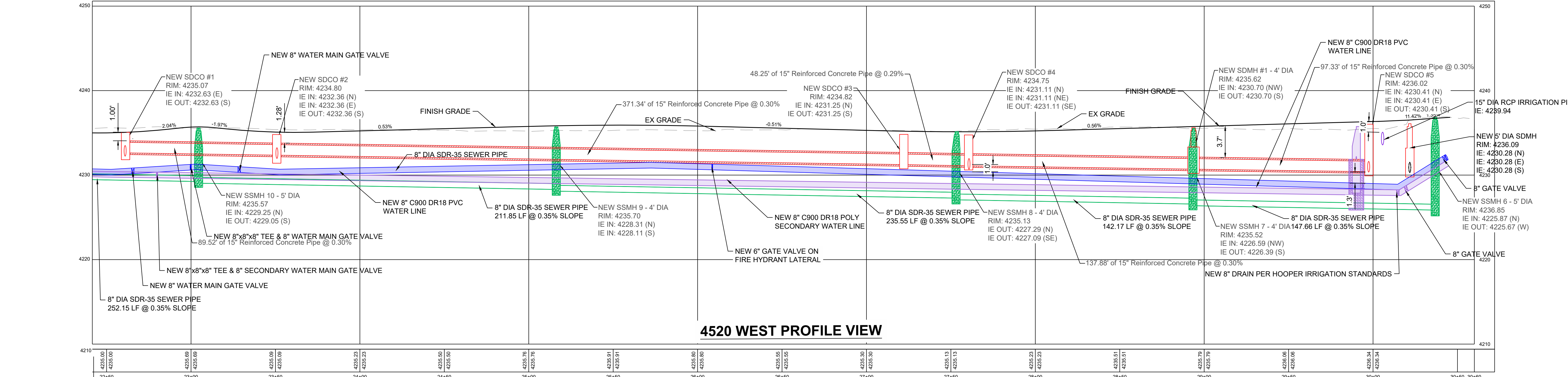
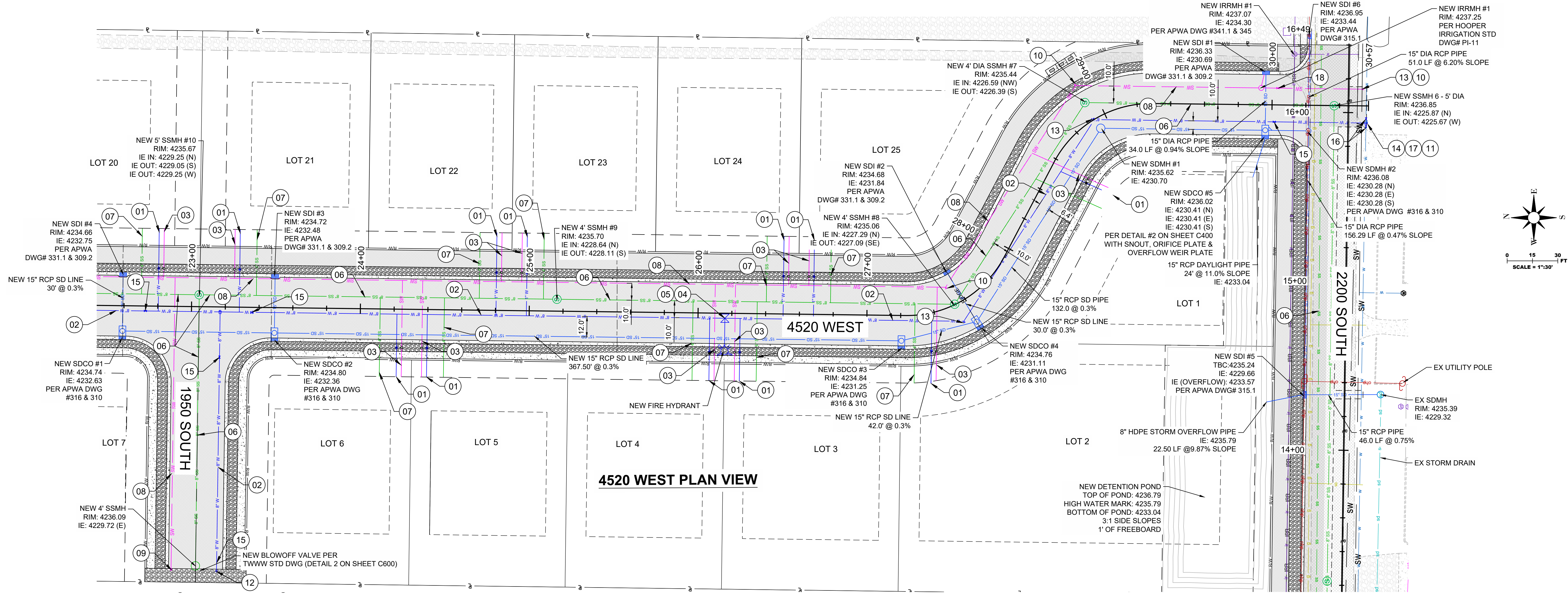


SINGLETREE ACRES SUBDIVISION
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TAYLOR TOWNSHIP, WEBER COUNTY, UTAH 84401

CLIENT CONTACT
NAME: CHAD BUCK
ADDRESS: 2205 SOUTH 400 EAST
CLEARFIELD, UTAH 84015
PHONE: (801) 725-3511
EMAIL: CTB@HOMES1990GMAIL.COM

REV	COMMENT
1	FIRE TURNAROUND RELOCATE (7/1/25)

SHEET NO.
C304
4520 WEST PLAN
AND PROFILE



KEYNOTES:

- 01 WATER LATERAL & WATER METER PER DETAIL 3 ON SHEET C600 - 1" POLY PIPE AFTER METER
- 02 8" C900 DR-18 PVC CULINARY WATER MAIN
- 03 1" POLY SECONDARY WATER LATERAL & METER PER HOOPER IRRIGATION STANDARD PI-10
- 04 6" GATE VALVE
- 05 FIRE HYDRANT ASSEMBLY PER DETAIL 3 ON SHEET C600
- 06 8" SDR-35 SEWER MAIN
- 07 4" SDR-35 SEWER LATERAL PER CENTRAL WEBER SEWER IMPROVEMENT DISTRICT STD DWG #D-6
- 08 8" C900 DR-14 SECONDARY WATER LINE
- 09 AIR-VAC PER HOOPER IRRIGATION STD PI-1
- 10 THRUST BLOCK PER HOOPER IRRIGATION STD PI-3
- 11 THRUST BLOCK PER APWA #561
- 12 8" BLOW OFF VALVE PER TAYLOR WEST WEBER WATER STD DWG (SEE DETAIL 2 ON SHEET C600)

NOTES TO CONTRACTOR

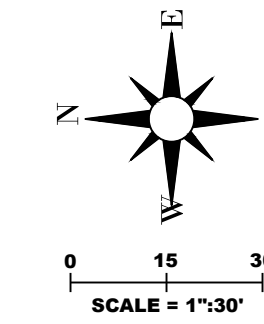
- 13 HOT TAP CONNECTION
- 14 8"x8"x8" TEE
- 15 8" GATE VALVE
- 16 8" GATE VALVE FLANGED TO WATER MAIN TEE
- 17 CUT IN NEW TEE CONNECTION FOR SUBDIVISION SERVICE
- 18 8" GATE VALVE PER HOOPER IRRIGATION STD DWG # PI-2

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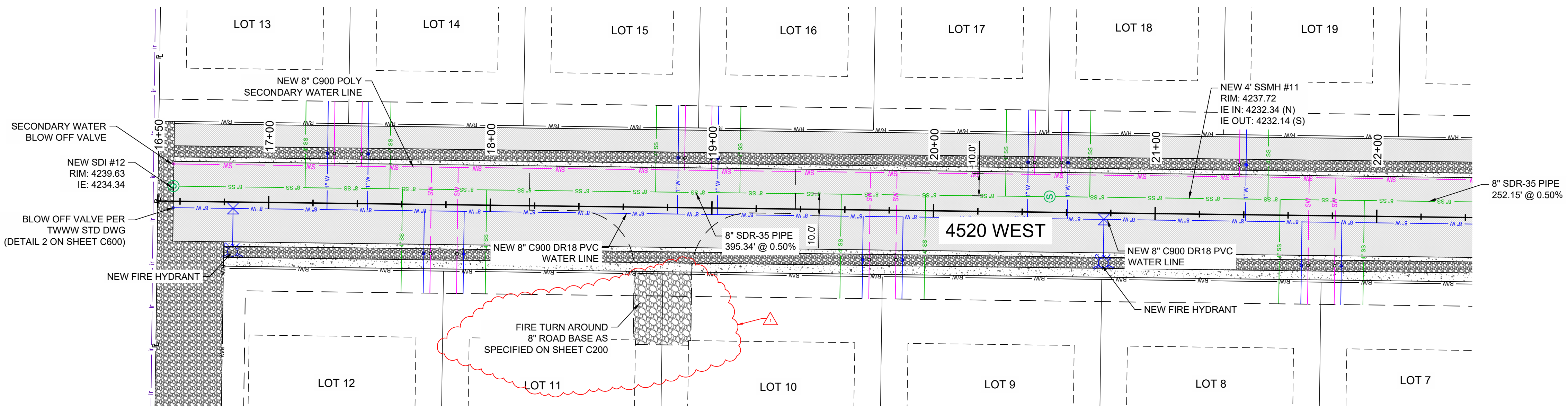


SINGLETREE ACRES SUBDIVISION
 4520 WEST 2200 SOUTH
 TAYLOR TOWNSHIP, WEBER COUNTY, UTAH 84401

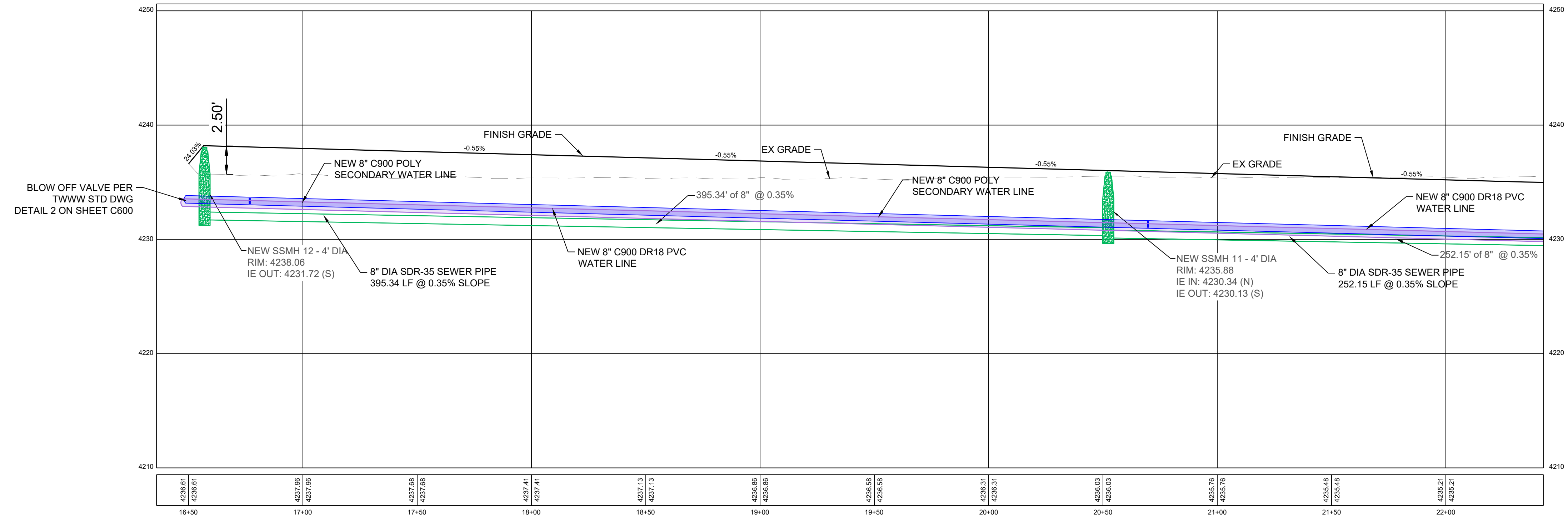
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 PHONE: (801) 725-3511
 EMAIL: CTB@HOMES19@gmail.com

REV	COMMENT
1	FIRE TURNAROUND RELOCATE (7/1/25)

SHEET NO.
C305
 4520 WEST PLAN
 AND PROFILE



4520 WEST PLAN VIEW



4520 WEST PROFILE VIEW

- NOTES TO CONTRACTOR**
- CONTRACTOR IS TO MAINTAIN 10 FT OF SEPARATION BETWEEN SEWER FACILITIES AND WATER FACILITIES.
 - CONTRACTOR IS TO SLEEVE ALL SEWER MAIN AND LATERALS AT ALL CROSSINGS WITH WATER MAIN OR LATERALS PER TAYLOR WEST WEBER WATER DISTRICT STANDARDS.



REFERENCE PLAN

CAUTION: NOTICE TO CONTRACTOR

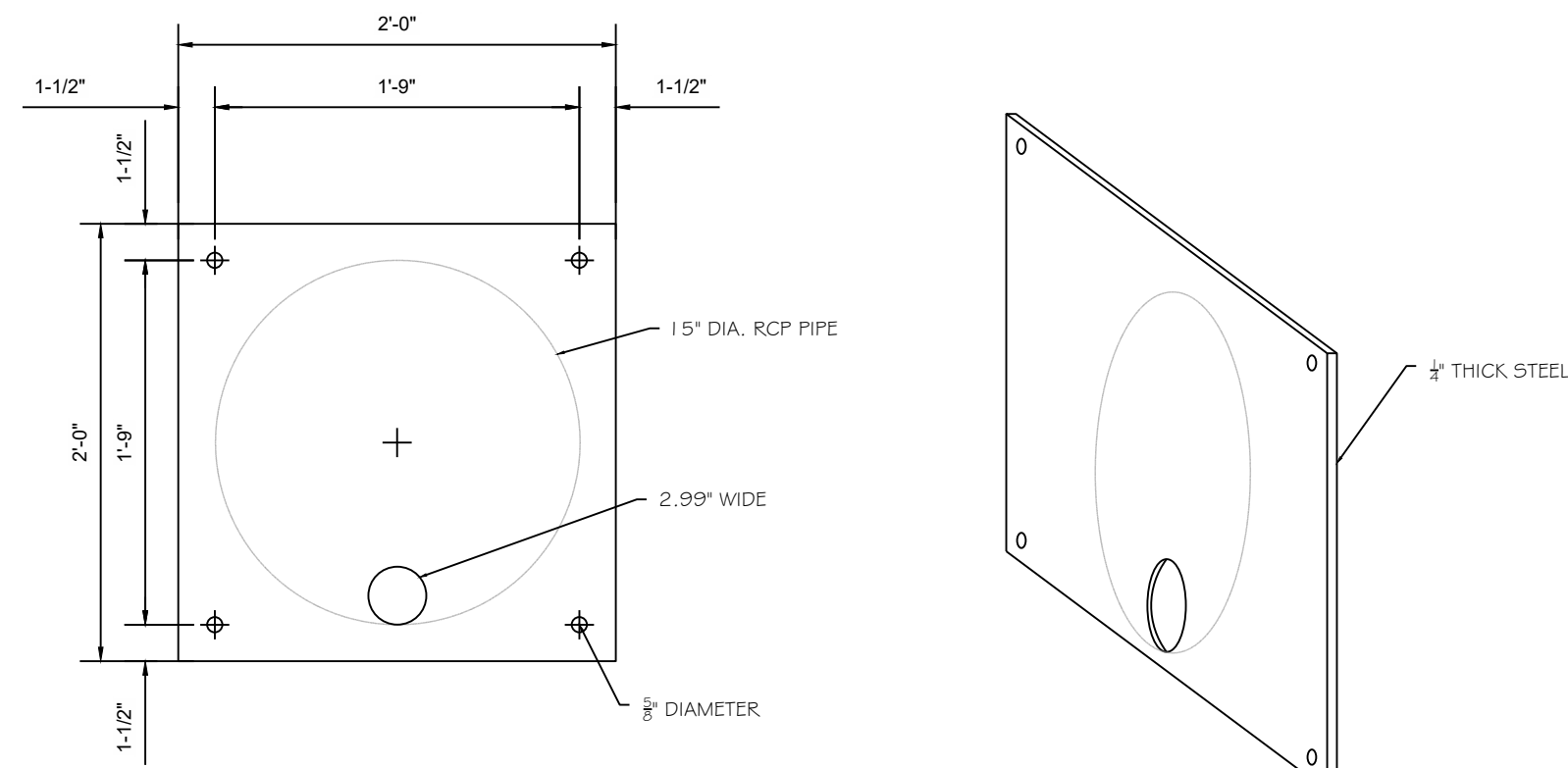
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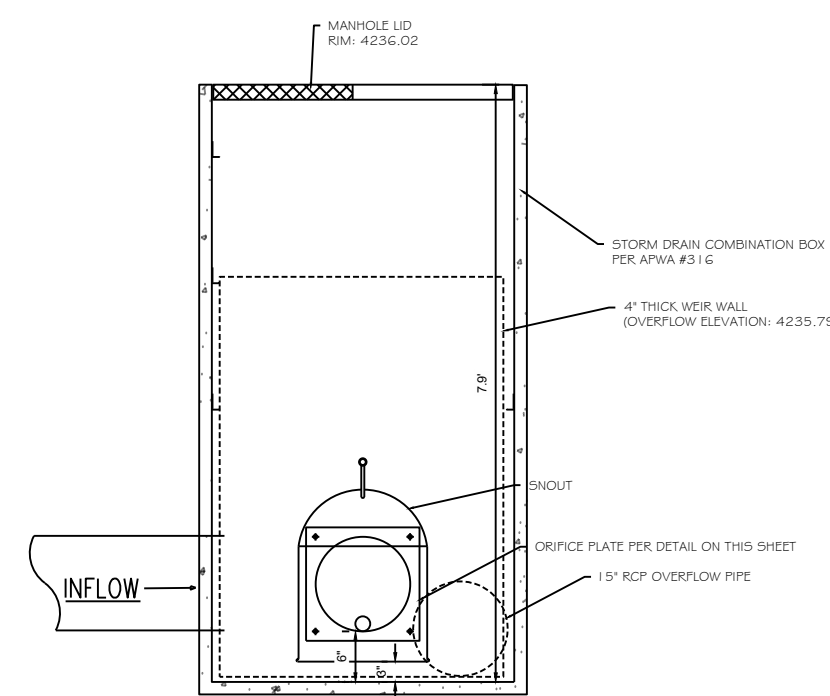
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KEYNOTES:

- 01 SNOUT
- 02 2.99" DIA ORIFICE PLATE PER DETAIL 1 ON THIS SHEET
- 03 4'x 4' STORM DRAIN BOX PER DETAIL 2 ON THIS SHEET

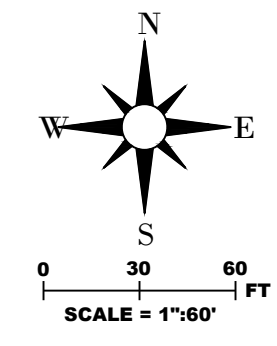
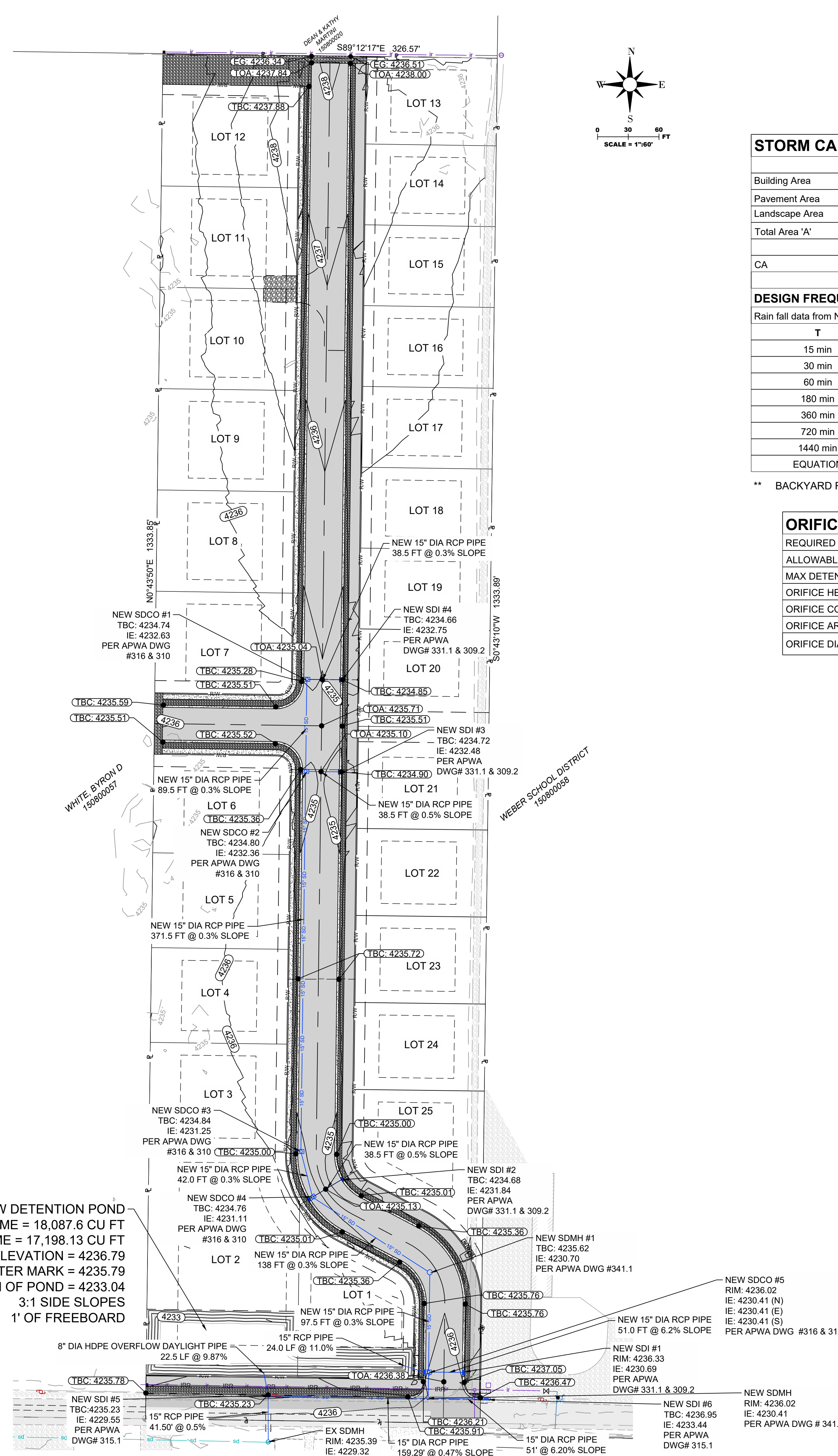


1 ORIFICE DETAIL SCALE: NONE



2 COMBINATION BOX WITH WEIR DETAIL SCALE: NONE

NEW DETENTION POND
 POND VOLUME = 18,087.6 CU FT
 REQ'D POND VOLUME = 17,198.13 CU FT
 TOP OF POND ELEVATION = 4236.79
 HIGH WATER MARK = 4235.79
 BOTTOM OF POND = 4233.04
 3:1 SIDE SLOPES
 1' OF FREEBOARD



STORM CALCULATIONS				
	AREA	RATIONAL RUNOFF COEFFICIENT 'C'		WEIGHTED C
Building Area	50000.00 ft ²	C _b	0.85	0.16
Pavement Area	80053.50 ft ²	C _p	0.85	0.26
Landscape Area	130169.00 ft ²	C _l	0.2	0.10
Total Area 'A'	260222.50 ft ²	WEIGHTED C		0.15
	5.97 Acres			
CA	3.14			

DESIGN FREQUENCY					
	100 year NOAA Storm	Release Rate 'R'		0.10 ft ³ /sec/Acre	
Rain fall data from NOAA					
T	RAIN FALL	C*A	RAIN FALL * C*A	DISCHARGE, D	STORAGE
15 min	4.09 in/hr	136579.28 ft ²	11637.69 ft ³	537.65 ft ³	11100.04 ft ³
30 min	2.75 in/hr	136579.28 ft ²	15649.71 ft ³	1075.30 ft ³	14574.41 ft ³
60 min	1.70 in/hr	136579.28 ft ²	19348.73 ft ³	2150.60 ft ³	17198.13 ft ³
180 min	0.63 in/hr	136579.28 ft ²	21613.67 ft ³	6451.80 ft ³	15161.87 ft ³
360 min	0.35 in/hr	136579.28 ft ²	24106.24 ft ³	12903.60 ft ³	11202.65 ft ³
720 min	0.22 in/hr	136579.28 ft ²	29364.54 ft ³	25807.19 ft ³	3567.35 ft ³
1440 min	0.12 in/hr	136579.28 ft ²	32505.87 ft ³	51614.38 ft ³	-19108.51 ft ³
EQUATION		CA = C*A	F = d/12*CA	D=R*A*60/T	Storage = F-D

** BACKYARD RETENTION REQUIRED ON THESE LOTS

ORIFICE PLATE CALCULATIONS		
REQUIRED DETENTION STORAGE	17198.13 ft ³	
ALLOWABLE RELEASE RATE	0.60 ft ³ /sec	
MAX DETENTION TIME =	8 hr	
ORIFICE HEAD 'H'	6.48 ft	
ORIFICE COEFFICIENT 'C'	0.6	EQUATION
ORIFICE AREA 'A'	0.049 ft ²	A=Q/(C*(2GH) ^{0.5})
ORIFICE DIAMETER	2.99 in	D=(2*(A/3.14) ^{0.5})*12

NOTE:
 ALL PROPOSED IMPROVEMENTS IN THIS DESIGN COMPLY WITH WEBER COUNTY DESIGN AND CONSTRUCTION STANDARDS AND SHALL COMPLY DURING CONSTRUCTION OF THE PROJECT.



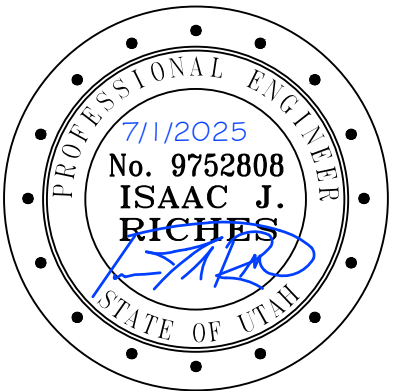
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 isaac@irecivil.com (801) 860-2191



SINGLETREE ACRES SUBDIVISION
 4520 WEST 2200 SOUTH
 TAYLOR TOWNSHIP, WEBER COUNTY, UTAH 84401

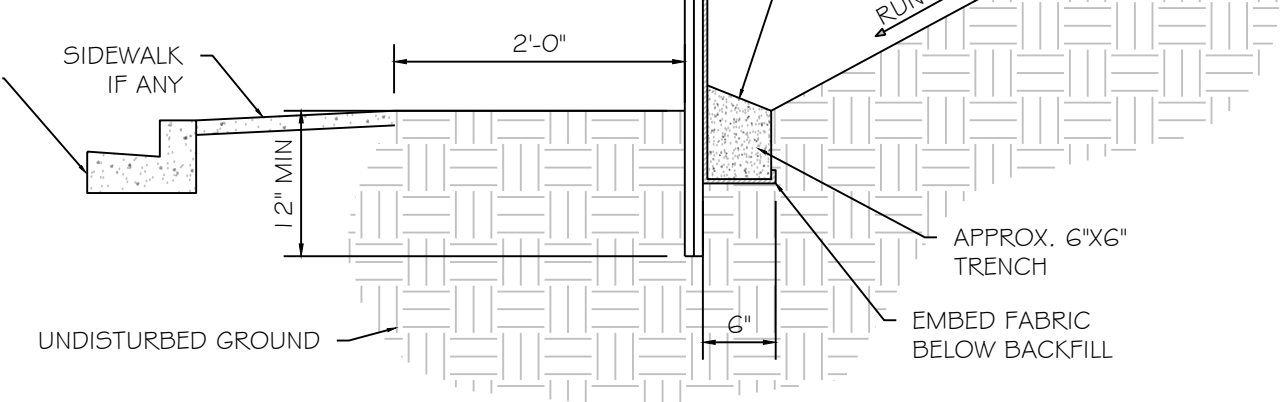
CLIENT CONTACT
 NAME: CHAD BUCK
 ADDRESS: 2205 SOUTH 400 EAST CLEARFIELD, UTAH 84015
 PHONE: (801) 725-3511
 EMAIL: CTB@HOMES196@GMAIL.COM

REV	COMMENT
1	FIRE TURNAROUND RELOCATE (7/1/25)

SHEET NO.
C400
 GRADING/DRAINAGE PLAN

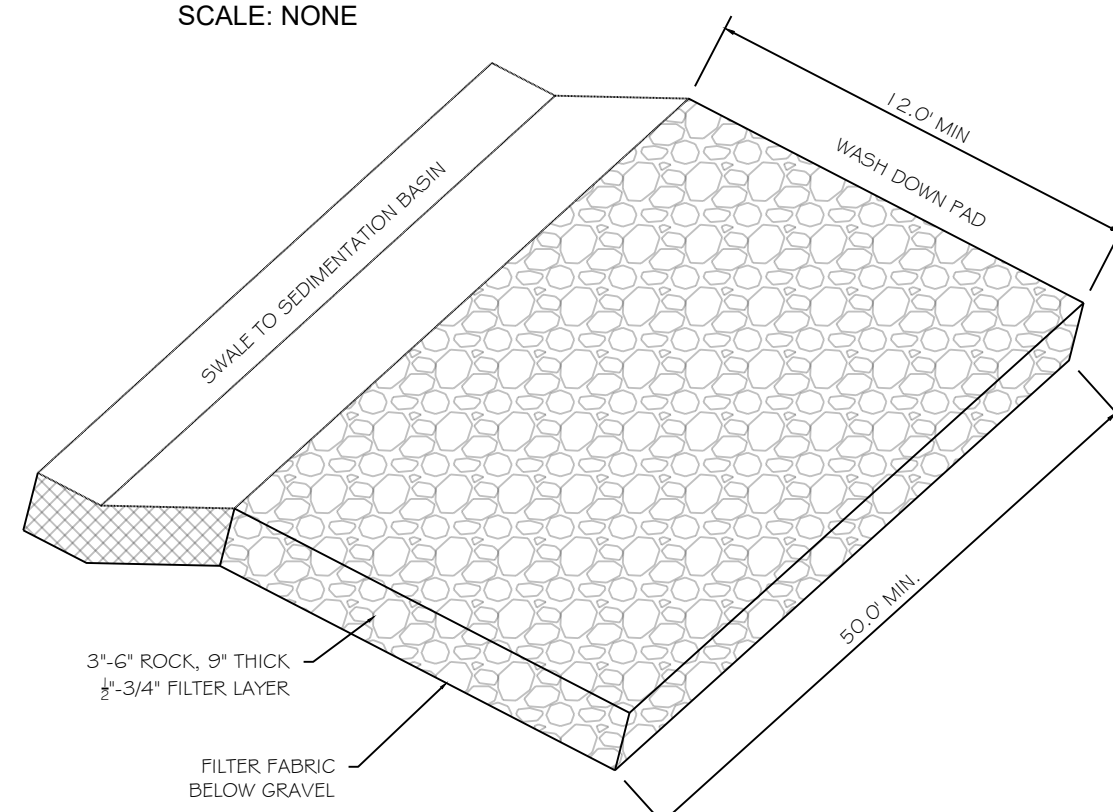
NOTES:

1. EXCAVATE 6"x6" TRENCH ALONG LIMITS OF DISTURBANCE AS SHOWN ON CONSTRUCTION DRAWINGS.
2. POSTS SHALL BE POSITIONED ON DOWNSTREAM SIDE OF FENCE.
3. LAY ICE-IN FABRIC FLAT IN BOTTOM OF TRENCH. BACKFILL TRENCH WITH FREE DRAINING GRANULAR MATERIAL. COMPACT TRENCH TO SATISFACTION OF THE ENGINEER OF RECORD.
4. SILT FENCE GEOTEXTILE SHALL MEET AASHTO M288-92 REQUIREMENTS.
5. REMOVE & DISPOSE OF SEDIMENT WHEN ACCUMULATION IS 50% OF EXPOSED FENCE HEIGHT.
6. 10' MAX SPACING BETWEEN STAKES.
7. SILT FENCES SHALL BE INSTALLED ALONG CONTOURS, NOT UP AND DOWN SLOPES, WITH 10' OVERLAP AT BREAKS.



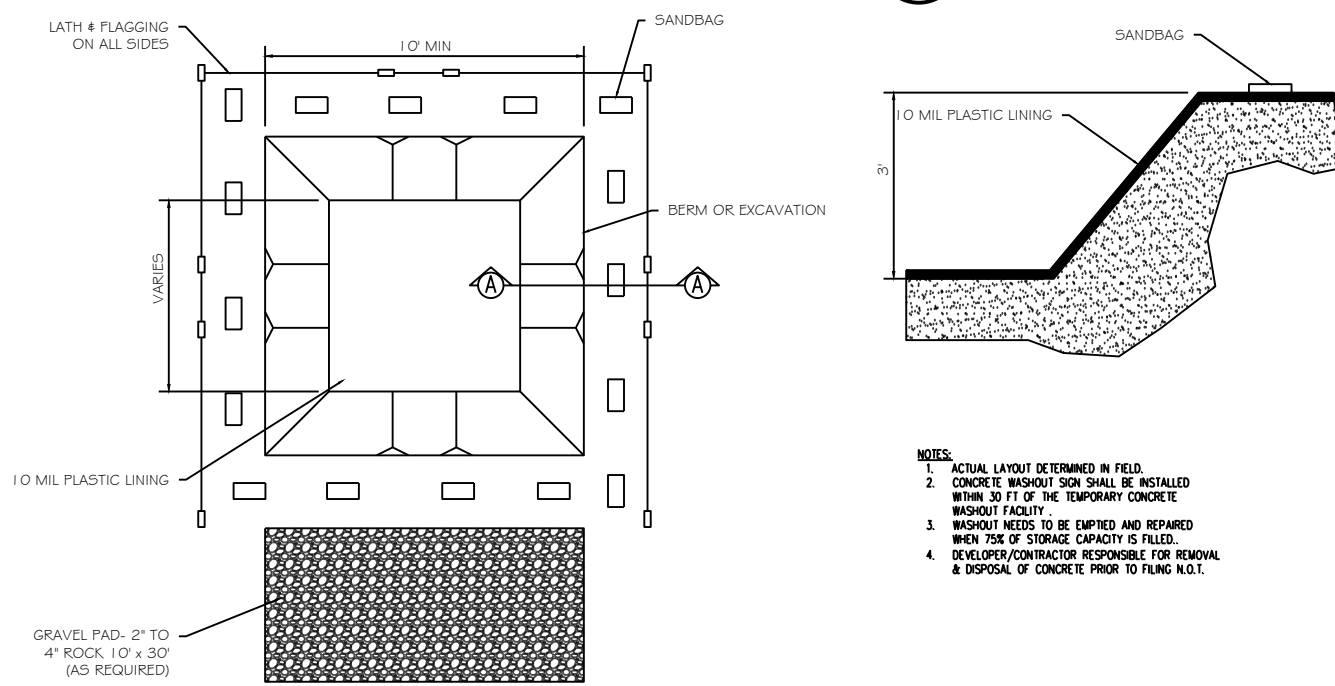
1 SILT FENCE

SCALE: NONE



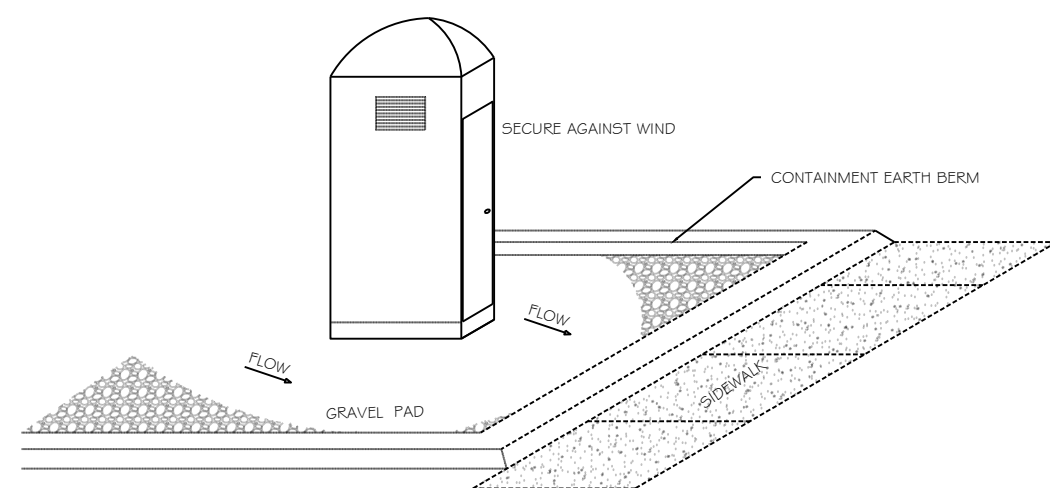
2 CONSTRUCTION ENTRANCE

SCALE: NONE



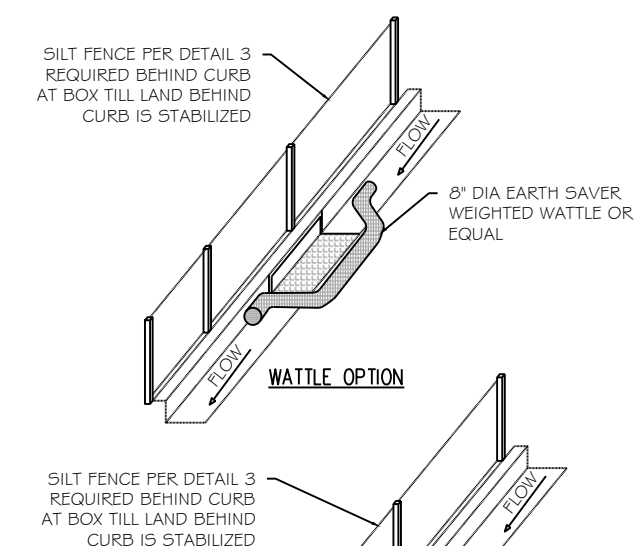
3 CONCRETE WASHOUT

SCALE: NONE



4 PORTABLE TOILET

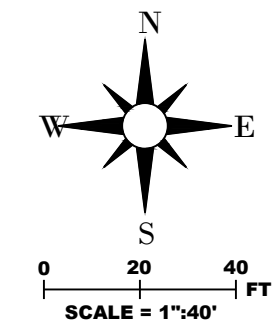
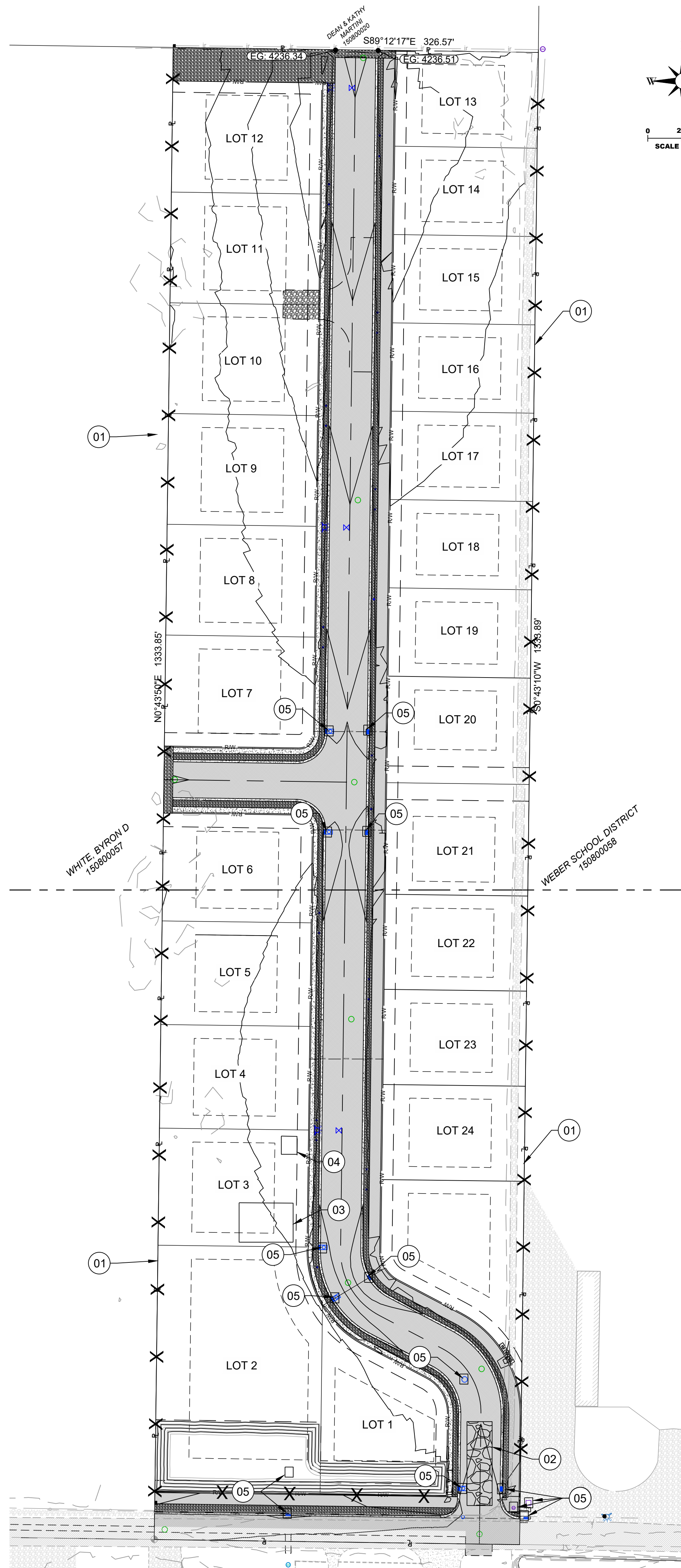
SCALE: NONE



5 INLET PROTECTION

SCALE: NONE

- NOTES:**
1. PLACE WATTLES IF GRAVEL BAGS NOT AGAINST CURB TO PREVENT DOWN-SLOPE WATER FROM GETTING BETWEEN CURB AND WATTLE BAG.
 2. PLACE WATTLES OR GRAVEL BAGS THAT DO NOT OVERLAP CURB OR ROAD CENTRALLINE.
 3. INSPECT INLET PROTECTION AFTER EVERY LARGE STORM EVENT AND AT LEAST BY VISUAL OR PER SENSORY REQUIREMENTS. INSPECTOR IS RESPONSIBLE TO ENSURE THAT SEDIMENT CONTROL IS MEETING ITS DESIGN INTENT. MAINTAIN AND/OR REPLACE AS NEEDED.
 4. REMOVE SEDIMENT ACCUMULATED WHEN IT REACHES SIZE OF GRAVEL BAG OR WATTLE HEIGHT.
 5. CONTRACTOR MAY SUBMIT AN ALTERNATE METHOD OF INLET PROTECTION. THE ALTERNATE METHOD SHALL BE APPROVED BY THE CITY INSPECTOR AND THE ENGINEER OF RECORD.
 6. BEFORE PLACEMENT OF CURB, STABILIZATION OF LAND BEHIND CURB AND/OR PAVING. MAINTAIN TOP OF INLET AT 1.0' ABOVE GRADE, AND SURROUND WITH SILT FENCE FOR SEDIMENTATION AROUND EDGE. MAINTAIN SILT FENCE BEHIND THE WATTLE AND BEHIND CURB IS STABILIZED.



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REV	COMMENT
1	FIRE TURNAROUND RELOCATE (7/1/25)

SHEET NO.
C500
EROSION CONTROL PLAN

