

# CONSTRUCTION DRAWINGS FOR WILDERNESS ACRES 20 TANK REPLACEMENT PROJECT



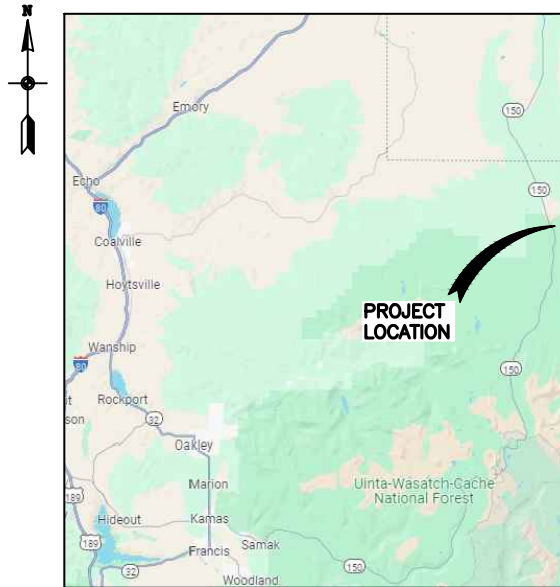
801-828-7805  
1307 N LOCUST LANE  
PROVO UT 84604



### CONSTRUCTION NOTES

1. 4" HDPE PIPE.
2. CONNECT NEW 4" HDPE PIPE TO EXISTING 4" HDPE PIPE WITH 90 DEG ELBOW.
3. PROPOSED WATER TANK VENT.
4. PROPOSED 20,000 GALLON TANK TO BE BURIED WITH MIN 48" COVER.
5. 30" HINGED MANWAY HATCH WITH RISERS.
6. 30" MANWAY AT CENTER OF WATER TANK.
7. 4" OUTLET AT BOTTOM OF WATER TANK.
8. 6" VENT OUTLET AT TOP OF WATER TANK.
9. 6" MUSHROOM VENT WITH 6" PVC RISER PIPE WITH STABILIZING ROCKS.

## WILDERNESS ACRES



PROJECT LOCATION MAP  
NTS

### GENERAL NOTES

1. CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR SAFETY OF THE JOBSITE.
2. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS (INCLUDING PERMIT FEES) AND COMPLY WITH THE REGULATIONS AND REQUIREMENTS OF ALL GOVERNMENTAL ENTITIES HAVING JURISDICTION.
3. CONTRACTOR SHALL KEEP ALL CONSTRUCTION WORK WITHIN THE EXISTING ROAD RIGHT-OF-WAY OR EASEMENTS. THIS INCLUDES, BUT IS NOT LIMITED TO, VEHICLES AND EQUIPMENT, MATERIALS, BYPASS OPERATIONS, TRENCH EXCAVATION AND BACKFILL MATERIAL.
4. CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PRESERVE AND PROTECT EXISTING STRUCTURES, WALLS, DRIVEWAYS, FENCES, LANDSCAPING, TREES, CURB AND GUTTER, MAILBOXES, SIDEWALK, AND OTHER IMPROVEMENTS. ANY SUCH IMPROVEMENTS REMOVED OR DAMAGED BY CONTRACTOR'S ACTIVITY SHALL BE REPLACED OR REPAIRED TO ORIGINAL OR BETTER CONDITION ACCORDING TO THE SPECIFICATIONS OF THE GOVERNMENTAL ENTITY HAVING JURISDICTION, AT THE SOLE EXPENSE OF THE CONTRACTOR.
5. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES, PIPE SIZES AND OTHER UTILITIES BEFORE ANY CONSTRUCTION.
6. UTILITIES SHOWN ON THE DRAWINGS ARE BASED ON THE BEST AVAILABLE INFORMATION PROVIDED BY OTHERS, AND SHOULD BE CONSIDERED APPROXIMATE AND FOR GENERAL INFORMATION ONLY. CONTRACTOR IS REQUIRED TO CONTACT BLUE STAKES AND IS RESPONSIBLE TO LOCATE AND PROTECT ALL UTILITIES IN THE PROJECT AREA, INCLUDING THOSE THAT MAY NOT BE SHOWN OR THAT MAY BE SHOWN INCORRECTLY. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REPAIR OF ANY UTILITY DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS. RELOCATIONS AND/OR REPLACEMENTS OF EXISTING UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR WITH THE UTILITY OWNER. CONTRACTOR SHALL CONTACT, SCHEDULE, AND ESTABLISH ANY REQUIRED UTILITY SHUT DOWN TIMES AND DETERMINE THE RELOCATION AND/OR REPLACEMENT REQUIREMENTS OF EXISTING UTILITIES PRIOR TO THE START OF ANY WORK. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS. ANY DISCREPANCIES OBSERVED BY THE CONTRACTOR SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
7. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY ACCESS FOR ALL BUSINESSES AND RESIDENTS IMPACTED BY CONSTRUCTION OF THE PROJECT.

INDEX OF DRAWINGS		
SHEET	DRAWING TITLE	DWG NO.
GENERAL		
1	TITLE, INDEX OF DRAWINGS, PROJECT LOCATION AND VICINITY MAPS, NOTES	G01
CIVIL		
2	SITE PLAN	C01



PROJECT VICINITY MAP  
NTS

### SPECIFICATION NOTES

1. ALL PIPING SHALL BE 4" HDPE.
2. WATER TANK SHALL BE DARCO 20,000 GALLON OR 25,000 GALLON TANK, 10' DIAMETER. IT SHALL HAVE A 30" DIAMETER MANHOLE AT THE CENTER, 4" OUTLET AT THE BOTTOM, AND A 6" VENT AS INDICATED ON PLANS.
3. BACKFILL FOR WATER TANK SHALL FOLLOW MANUFACTURER'S RECOMMENDATIONS.
4. EXISTING WATER TANK TO BE FILLED AND ABANDONED IN PLACE.
5. 6" VENT PVC RISER PIPE SHALL HAVE ALL EXPOSED PLASTIC PARTS COATED WITH OUTDOOR LATE PINAT TO AVOID LONG TERM UV DAMAGE FROM SUNLIGHT.
6. GEOTEXTILE FABRIC SHALL BE MIRAFI 140N OR EQUAL.
7. IF GROUNDWATER OR INDICATIONS OF GROUNDWATER ARE DISCOVERED DURING THE EXCAVATION, WATER TANK SHALL HAVE ANTI-BUOYANCY HOLD DOWNS (ANCHORAGE SLAB) ADDED AS PART OF THE PLANS.
8. CONTRACTOR SHALL TAKE CARE FOR PRESERVATION OF EXISTING TREES NEAR THE PROPOSED WATER TANK. REMOVAL OF TREES SHALL BE THE MINIMUM NECESSARY TO COMPLETE THE PROJECT.
9. EXISTING SURVEY MONUMENTS SHALL NO BE DISTURBED.

### CONTACTS

- OWNER  
WILDERNESS ACRES NO 20  
PROPERTY OWNERS ASSOCIATION  
BRAD RAWSON  
801-608-5233

### DESIGN FIRM

- ENGINEER  
JWO ENGINEERING, PLLC  
JARED OLDROYD PE  
801-828-7805

### OTHER CONTACTS

- GAS QUESTAR GAS (EMERGENCY)  
800-767-1689
- BLUE STAKES  
811

VERIFY SCALE: BAR IS 1" IN ORIGINAL DRAWING

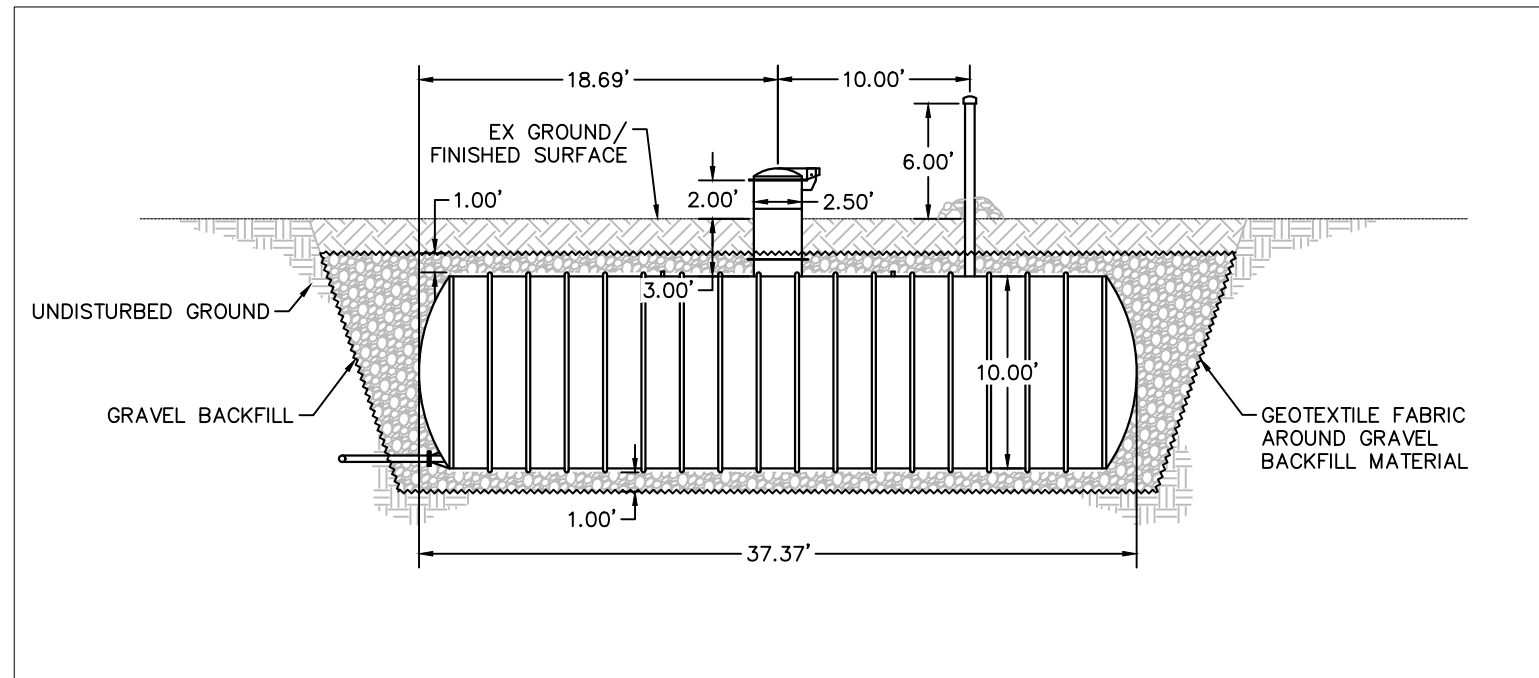
REVISION BLOCK		
#	DATE	DESCRIPTION

PROJECT: #XXX-2023-001 DRAWN BY: JPL  
DATE: 4/2024 CHECKED BY: JWO

### WILDERNESS ACRES 20 TANK REPLACEMENT PROJECT

DRAWING G01  
SHEET 1 OF 2

**WILDERNESS  
ACRES NO. 20**

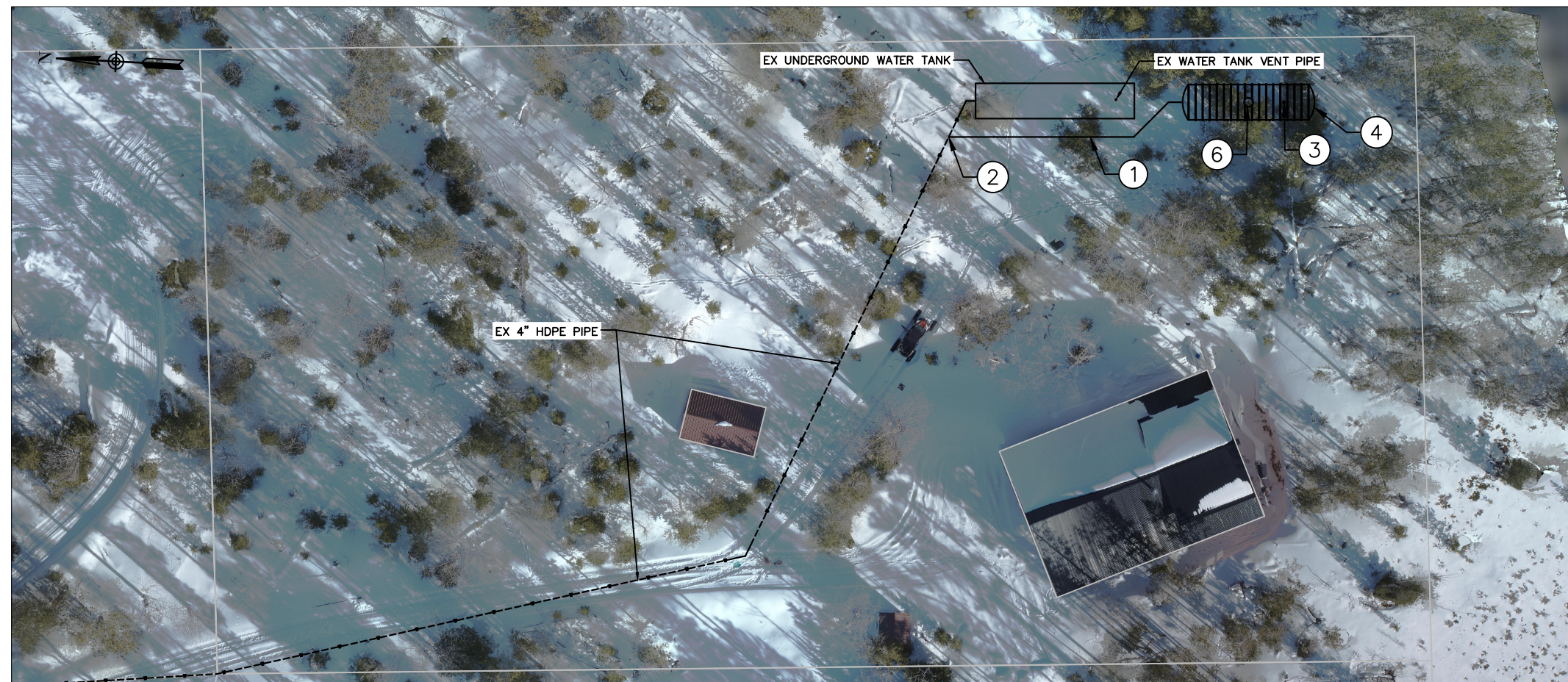


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**WILDERNESS ACRES 20  
TANK REPLACEMENT  
PROJECT  
SITE PLAN**

DRAWING C01  
SHEET 2 OF 2