

Staff Report to the Ogden Valley Planning Commission

Weber County Planning Division

Synopsis

Application Information

Application Request: Consideration and action on a conditional use permit application for a water pumping plant

for Liberty Pipeline Company.

Type of Decision: Administrative

Agenda Date: Tuesday, April 25, 2017

Applicant: Liberty Pipeline Company c/o Pen Hollist, Director **Authorized Agent:** Mike Durtschi, Project Engineer (Gardner Engineering)

File Number: CUP# 2017-03

Property Information

Approximate Address: 6701 N. Durfee Creek Way, Liberty, UT

Project Area: 1.04 acres
Zoning: Forest Zone (F-5)
Existing Land Use: Unused well

Proposed Land Use: Water pumping plant and filtration facility

Parcel ID: 17-139-0003

Township, Range, Section: Township 8 North, Range 1 West, Section 36

Adjacent Land Use

North:ResidentialSouth:ResidentialEast:ForestWest:Residential

Staff Information

Report Presenter: Steve Burton

sburton@co.weber.ut.us

801-399-8766

Report Reviewer: RK

Applicable Ordinances

- Title 101, Chapter 1, General Provisions, Section 7, Definitions
- Title 104, Chapter 9 Forest Zones (F-5)
- Title 108, Chapter 1 Design Review
- Title 108, Chapter 4 Conditional Uses
- Title 108, Chapter 10 Public Buildings and Public Utility Substations and Structures

Summary and Background

Liberty Pipeline Company is requesting approval of a conditional use permit to construct a filtration and pumping facility to treat an unused well in order to increase the water source capacity in the area. The project area is all of Common Area C of Durfee Creek Estates No. 1, and is owned by the Durfee Creek Estates Home Owners Association. The applicant, Pen Hollist, is a member of the Durfee Creek Estates Home Owners Association and has signed the application as the Director of Liberty Pipeline Company.

The submitted site plan includes an existing pump control building, an existing well, and a proposed pump control/filter building, all located within the project area. The property lies in the Forest 5 Zone (F-5) which allows "Water pumping plants and reservoirs" as well as "Public utility substations and transmission lines" only when authorized by a conditional use permit.

Conditional use permits should be approved as long as any harmful impact is mitigated. The Uniform Land Use Code of Weber County, Utah (LUC) already specifies certain standards necessary for mitigation of harmful impact to which the proposal must adhere. The proposed application appears to meet these standards. The following is staff's evaluation of the request.

Analysis

<u>General Plan:</u> The Ogden Valley General Plan identifies the need for additional culinary water and new water infrastructure based on projected growth. (see the 2016 Ogden Valley General Plan Chapter 7: Utilities and Public Services). The proposed use conforms to the Ogden Valley General Plan by providing additional water sources to meet the demands of the Valley's existing water systems throughout developing areas.

Zoning: The subject property is located within the F-5 Zone which is categorized as a "Forest Zone". The intent of the forest zones can be further described per LUC §104-9-1 as follows:

- a. The intent of the forest zones is to protect and preserve the natural environment of those areas of the county that are characterized by mountainous, forest or naturalistic land, and to permit development compatible to the preservation of these areas.
- b. The objectives in establishing the forest zones are:
 - 1. To promote the use of the land for forest, fish and wildlife and to facilitate the conservation of the natural resources, vegetation and attractions;
 - 2. To reduce the hazards of flood and fire;
 - 3. To prevent sanitation and pollution problems and protect the watershed;
 - 4. To provide areas for private and public recreation and recreation resorts; and
 - 5. To provide areas for homes, summer homes, and summer camp sites.

The F-5 Zone has specific standards identified in the LUC §104-9-4 that shall be met as part of the development process. The applicable standards are as follows:

- Minimum yard setbacks:
 - Front: 30'Side: 20'Rear: 30'
- Minimum lot area: 5 acres
 Minimum lot width: 300'
 Main Building height:

 Maximum: 35'
 - Accessory building height:
 - Maximum: 25', unless meeting requirements of LUC §108-7-16, Large accessory buildings

The proposed use is conditionally allowed in the F-5 zone and has been reviewed as a "Water pumping plant and reservoir" as well as a "Public utility substation". The location and arrangement of public utility substations and structures must be in accordance with construction plans submitted to and approved by the planning commission. The minimum lot area for all public utility substations per LUC §108-10-2 is waived and the rear yard requirements may be reduced in the Forest Zones to 20' per LUC §108-10-3.

<u>Conditional Use Review</u>: A review process has been outlined in LUC §108-4-3 to ensure compliance with the applicable ordinances and to mitigate anticipated detrimental effects. Prior to commencing work, Liberty Pipeline Company will need to receive approval from the applicable agencies for the proposal. A condition has been made part of the Planning Division's recommendations to ensure that this standard is met.

<u>Design Review</u>: The forest zone and the proposed conditional use mandate a design review as outlined in LUC §108-1 to ensure that the general design, layout and appearance of the building remains orderly and harmonious with the surrounding neighborhood. Certain areas of the design review are only applicable due to the nature of the request. As part of this review, the Planning Commission shall consider the applicable matters based on the proposed conditional use and impose conditions to mitigate deficiencies where the plan is found deficient. The matters for consideration are as follows:

- Considerations relating to traffic safety and traffic congestion. As part of this consideration, the applicant has provided detailed a site plan (see Exhibit B). The proposal is not considered large scale construction; therefore considerable traffic congestion or delay is not anticipated. Per the County Engineering Division, the contractor will be responsible to guarantee site materials are not tracked onto the County roadways. A condition of approval has been added to the Planning Division's recommendation to ensure the contractor cleans all equipment prior to exiting the site and sweeps the County roadway as needed, removing any material tracked from the site onto the asphalt, in order to provide safe vehicular traffic along County roads.
- Considerations relating to landscaping. The applicant has outlined considerations to landscaping in the SWPPP submitted with the construction plans. The landscaping plan involves importing 3" of topsoil to the project

area. As part of the landscaping plan, the applicant has provided an irrigation plan that includes watering the seeded area for 1 year, up to twice a week in summer months. The irrigation source will be from a spigot inside the building including a hose and sprinkler.

- Considerations relating to buildings and site layout. The existing pump control building will be demolished and a new building will be built approximately 22 feet to the south west. The new building will be 24' X 13' 4", approximately 320 square feet. The exterior of the new building will be earthen tan split faced concrete masonry units. The roll up door, metal roof, and steel door will be brown (Exhibit C). The proposed building meets the Ogden Valley Architectural Design Standards as outlined in LUC§ 108-2-5.
- Considerations relating to utility easements, drainage, and other engineering questions. The applicant will need to
 adhere to all conditions of the Engineering Division including but not limited to storm water and surface water
 drainage, retention facilities, and site clean-up of the property. A condition has been made part of the Planning
 Division's recommendations to ensure that this standard is met.
- Considerations relating to prior development concept plan approval associated with any rezoning agreement, planned commercial or manufacturing rezoning, or planned residential unit development approval. The proposed site does not have any type of development agreement associated with the property; therefore considerations pertaining to this portion of the code are not applicable at this time.

<u>Review Agencies:</u> Prior to the commencement of work, the applicant will need to receive the approval from all applicable agencies for the water system improvements. A condition has been made part of the Planning Division's recommendations to ensure that all conditions of the review agencies will be met.

Summary of Planning Commission Considerations

In order for a conditional use to be approved it must meet the requirements of applicable ordinances listed in this staff report, which include the requirements listed in LUC §108-4-4, under "Decision Requirements", which states:

a) A conditional use shall be approved if reasonable conditions are proposed, or can be imposed, to substantially mitigate the reasonably anticipated detrimental effects of the proposed use in accordance with the standards of this chapter, or relevant standards or requirements of any other chapter of this Land Use Code. When considering any of the standards, the land use authority shall consider the reasonably anticipated detrimental effects of the proposed use in the context of current conditions and, to the extent supported by law, the policy recommendations of the applicable general plan.

b) If the reasonably anticipated detrimental effects of a proposed conditional use cannot be substantially mitigated by the proposal or the imposition of reasonable conditions to achieve compliance with applicable standards, the conditional use may be denied.

The Planning Commission will need to determine if the request for a water pumping plant has met the requirements of the applicable Uniform Land Use Code of Weber County. The Planning Commission may impose additional conditions in order to ensure full compliance with the required standards. In making a decision, the Planning Commission should consider the following questions:

- Does the submittal meet the Uniform Land Use Code of Weber County? If no, then what conditions could be added in order to comply?
- Have the "Decision Requirements" and other applicable ordinances been met?

Staff Recommendation

The Planning Division recommends approval of file# CUP 2017-03, a conditional use permit for a water pumping plant for Liberty Pipeline Company, located at approximately 6701 N. Durfee Creek Way, Liberty, UT. This recommendation for approval is subject to all review agency requirements and with the following conditions:

1. Prior to commencing work, Liberty Pipeline Company will need to receive the approval from the applicable agencies for the water pumping plant, including all permits outlined in the Engineering Division's review.

- 2. All equipment leaving the site will be cleaned prior to entering the County right-of-way and the contractor will be responsible for sweeping the County roadway, as needed, removing any material tracked from the site onto the asphalt, in order to provide safe vehicular traffic along the County right-of-way.
- 3. All State, Federal and County standards will be met prior to commencement of construction including receiving any applicable permits from the State for the modifications to the proposed pump control/filter building.

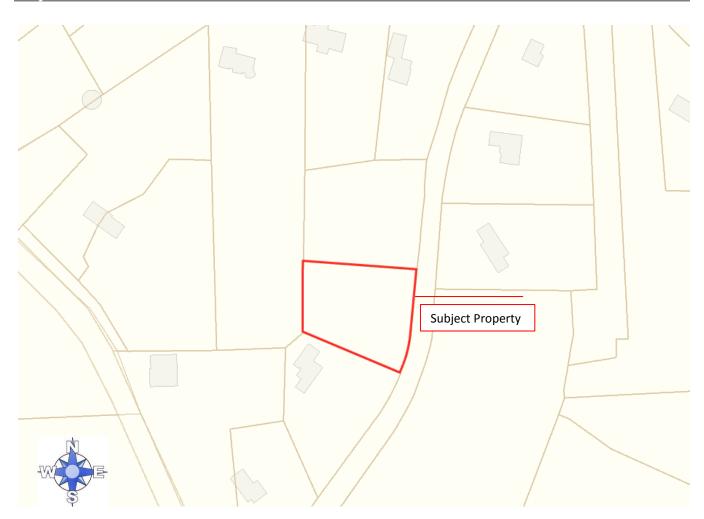
This recommendation is based on the following findings:

- 1. The proposed use conforms to the Ogden Valley General Plan.
- 2. The proposed use will provide the needed water sources to meet the demands the Ogden Valley.
- 3. The proposed use, if conditions are imposed, will not be detrimental to public health, safety, or welfare.
- 4. The proposed use, if conditions are imposed, will comply with applicable County ordinances.
- 5. The proposed use will not deteriorate the environment of the general area so as to negatively impact surrounding properties and uses.

Exhibits

- A. Application
- B. Site and Building Plan
- C. Building Design and Elevations

Map 1



Map 2



er County Cond	litional Use P	ermit	Appli	cation
will be accepted by appointmen	nt only. (801) 399-8791. 2	380 Washin	igton Blvd. S	Suite 240, Ogden, UT 84401
Fees (Office Use)	Receipt Number	(Office Use)		File Number (Office Use)
nformation	<u> </u>			·
	Mailing Addres	s of Propert	y Owner(s)	****
Fax	Liberty, Utah 8	4310		
	Preferred Meth	od of Writte	n Correspon	dence
e Contact Information				
esent the Property Owner(s) i Fax	3707 N 3500 E		zed Person	
	· · · · · · · · · · · · · · · · · · ·		_	dence
	Total Acreage 0.95	···		Current Zoning F-5
	Land Serial Nur 171390003	nber(s)		
PC upper area source capacity.	· ·	uct a filtratio	on and pump	oing facility to treat an unused well.
	Fees (Office Use) Fax Fax Contact Information esent the Property Owner(s) i Fax Fax	Fees (Office Use) Fees (Office Use) Receipt Number	rwill be accepted by appointment only. (801) 399-8791. 2380 Washin Fees (Office Use)	Mailing Address of Property Owner(s) Liberty, Utah 84310 Preferred Method of Written Correspon Email

That the proposed use of the particular location is necessary or desirable to provide a service or facility which will contribute to the general well being of the community: The proposed project will provide treated water to the community. Also increasing the companies water source.
The proposed project will provide treated water to the community. Also increasing the companies water source.
That such use will not, under the circumstances of the particular case and the conditions imposed, be detrimental to the health, safety and general welfare of persons nor injurious to property or improvements in the community, but will be compatible with and complimentary to the existing surrounding uses, buildings and structures when considering traffic generation, parking, building design and location, landscaping and signs:
Construction of the project will follow county guidelines mitigating any harm to the community. Use of the facility will only generate infrequent and minimal maintenance traffic. As such no appreciable safety issues are foreseen.

That the proposed use will comply with the regulations and conditions specified	in this Ordinance for such use:
Land Use Ordinance Sec. 104-9-3(14) Water pumping plants and reservoirs.	
party of a control of the cont	
That the proposed use conforms to the goals, policies and governing principles:	and land use of the General Plan for Weber County:
That the proposed use conforms to the goals, policies and governing principles	
That the proposed use conforms to the goals, policies and governing principles and land use the project conforms to the goals, policies and governing principles and land use	

a type or of such a quantity so as to detrimentally effect, to any apprecia thereon, in the immediate vicinity of the community or area as a whole: SWPP Plan and BMP's will be implemented on site during construction.	nent or ecology of the general area, nor will produce conditions or emit pollutants of such able degree, public and private properties including the operation of existing uses: It is anticipated that no appreciable environmental impact will be experienced during commental impact will result from the completed and operational project.
Property Owner Affidavit	
	ose and say that I (we) am (are) the owner(s) of the property identified in this application in the attached plans and other exhibits are in all respects true and correct to the best of
A11/	
(Property Owner)	(Property Owner)
7 1/21	
Subscribed and sworn to me this day of JUDY SHUPE	
NOTARY PUBLIC • STATE OF UTAH COMMISSION NO. 684035	Shupe (Notary)
COMM. EXP. 07/28/2019	J (Mary)
Authorized Representative Affidavit	
(our) representative(s), Mike Durtschi, Gardner Engin	owner(s) of the real property described in the attached application, do authorized as my neering, to represent me (us) regarding the attached application and to appear on County considering this application and to act in all respects as our agent in matters
Solt	
(Property Owner)	(Property Owner)
1 1121 11	
signer(s) of the Representative Authorization Affidavit who duly acting	nally appeared before me, the owledged to me that they executed the same.
NOTARY PUBLIC • STATE OF UTAH COMMISSION NO. 684035	
COMM. EXP. 07/28/2019	Mille Shingel (Notary)

CARBON

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ON

COVER

PLAN

VICINITY MAP

SITE PLAN

PROFILE A

PROFILE B

PART LIST

DETAILS

GRADING PLAN

SWPPP AND LANDSCAPING

SHEET INDEX

SHEET CO

SHEET V1

SHEET C1

SHEET C2

SHEET C3

SHEET C3

SHEET C4

SHEET C5

SHEET D1-D2 SHEETS SW1-SW2 0

SAN JUAN

PROJECT

DURFEE WELL REHAB LIBERTY PIPELINE COMPANY

PART OF SECTION 36.

TOWNSHIP 8 N. RANGE 1 W.

SALT LAKE BASE AND MERIDIAN

LIBERTY. WEBER. UTAH

GENERAL NOTES

- 1. ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED THE STANDARDS AND SPECIFICATIONS SET FORTH BY THE ENGINEER, PLANNING, CODES AND SPECIFICATIONS AND APPLICABLE COUNTY, STATE AND FEDERAL GEGULATIONS, WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND SPECIFICATIONS, OR ANY APPLICABLE STANDARDS. THE HIGHER
- 2 THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND OR ELEVATION OF EXISTING UTILITIES, AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES 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 LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE MAY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS, ESPECIALLY AT THE CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE DESIGNATED PUBLIC WORKS INSPECTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY, OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS
- 4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE CITY AND ALL UTILITY COMPANIES INVOLVED WITH REGARD TO THE CONTRACT OF ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE
- 5 THE CONTRACTOR SHALL HAVE ONE (1) COPY OF APPROVED PLANS, AND ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB, ON SITE AT ALL TIMES.
- 6 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING BUT NOT LIMITED TO, EXCAVATION, TRENCHING SHORING, TRAFFIC CONTROL, AND SECURITY
- 7. IF DURING THE CONSTRUCTION PROCESS CONDITIONS ARE ENCOUNTERED BY THE CONTRACTOR, HIS SUBCONTRACTORS, OR OTHER AFFECTED PARTIES, WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
- 8 THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED VEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED. INSTALLED. CONSTRUCTED, REMOVED AND RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
- 9 THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING AS-BUILT DRAWINGS ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE, AND AVAILABLE TO THE COUNTY INSPECTOR AT ALL TIMES
- 11 THE CONTRACTOR SHALL SECUENCE INSTALLATION OF LITH ITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL LITH ITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF WATER LINES AND DRY UTILITIES
- 12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL UTILITY RELOCATIONS CONSISTENT WITH THE CONTRACTORS SCHEDULE FOR THIS PROJECT, WHETHER SHOWN OR NOT SHOWN AS IT RELATES TO THE CONSTRUCTION ACTIVITIES CONTEMPLATED IN THESE PLANS.

UTILITY DISCLAIMER

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF PLANS LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHADE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIF LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND

NOTICE TO CONTRACTOR

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOUNDER AND THE PUBLIC IS PROTECTED ALL CONTRACTORS AND OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY OF AND HEALTH RESULTIONS, OF THE U.S. DEFINETMENT OF LAGGRAND THE STATE OF THE OFFICE AREA TO THE SAFETY OFFICE AND THE STATE OF THE CIVIL EXPRINENT OF INDUSTRIAL RELIGIONS. SIBLE IN ANY WAY FOR CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH SAID REGULATIONS AND ORDERS.

CONTRACTOR FURTHER AGREES THAT HE 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. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT CHE CONTRACTS SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE CIVIL 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 ENGINEER

GENERAL GRADING NOTES

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST APWA STANDARDS AND SPECIFICATION FOR PUBLIC WORKS AND THE COMPANY STANDARDS. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING FOUNDATIONS AND ENTRIES. FINISHED GRADE AT FOUNDATION FOR WOOD FRAMED STRUCTURES SHALL BE 8 INCHES BELOW TOP OF FOUNDATION AND DRAINAGE SHALL BE A MINIMUM OF 5% WITHIN 10 FEET FROM THE BUILDING
- 2 MAXIMUM SLOPES SHALL BE 3.1 FOR CUT AND FILL UNLESS OTHERWISE NOTED.
- 3. COMPACTION REQUIREMENTS AND TESTING SHALL BE PERFORMED TO MEET THE MANUAL OF STD. SPECIFICATIONS (ORANGE BOOK,
- 4 NO FILL SHALL BE PLACED UNTIL VEGETATION HAS BEEN REMOVED AND SUB-GRADE PREPARED PER THE SOILS REPORT
- 5 DUST SHALL BE CONTROLLED BY WATERING OR OTHER APPROVED METHODS
- 6. CONTRACTOR SHALL COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN BY INSTALLING BMP'S PRIOR TO COMMENCEMENT OF EXCAVATION ACTIVITIES. CONTACT THE COUNTY INSPECTOR FOR INSPECTION.
- 7. ALL RECOMMENDATIONS OF THE GEOTECHNICAL REPORT AND ALL SUBSEQUENT REPORTS, ADDENDUM ETC. SHALL BE CONSIDERED A PART OF THE GRADING PLAN CONTAINED HEREIN AND SHALL BE COMPLIED WITH
- 8 THE CONTRACTOR SHALL CONTACT BLUE STAKES FOR LOCATION MARKING PRIOR TO COMMENCING EXCAVATION ACTIVITIES.
- 9 COUNTY MAY REQUIRE A PRE-CONSTRUCTION MEETING BEFORE A PERMIT IS ISSUED.
- 10. STREETS ADJACENT TO THE PROJECT SHALL BE CLEAN AT ALL TIMES
- 11. CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR ALL REQUIRED INSPECTIONS
- 12. PRIOR TO TAKING WATER FROM A FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE WATER UTILITY TO OBTAIN A

CULINARY WATER GENERAL NOTES

- 1. ALL INSTALLATION AND MATERIALS INSTALLED SHALL BE NEW AND CONFORM TO LIBERTY PIPELINE COMPANY STANDARDS.
- 2. ALL INTERIOR SURFACES AND COATINGS SHALL COMPLY WITH ANSINSF STANDARD 61 OR OTHER STANDARDS APPROVED BY THE DIRECTOR. THIS REQUIREMENT APPLIES TO ANY PIPES AND FITTINGS, PROTECTIVE MATERIALS (E.G., PAINTS, COATINGS, CONCRETE ADMINISTRATED FOR THE RELEASE AGENTS. OR CONCRETE SEALERS), JOINING AND SEALING MATERIALS (E.G., ADHESIVES, CAULKS, GASKETS, PRIMERS AND SEALANTS) AND MECHANICAL DEVICES (E.G., ELECTRICAL WIRE, SWITCHES, SENSORS, VALVES, OR SUBMERSIBLE PUMPS) THAT MAY COME INTO CONTACT WITH THE DRINKING WATER.
- 3. THE CURRENT REQUIREMENTS OF THE UTAH DIVISION OF DRINKING WATER, GOVERNING THE MATERIALS AND INSTALLATION USED IN THE PROJECT SHALL BE MET.
- 4. THRUST BLOCKING AND MECHANICAL RESTRAINTS ARE REQUIRED AT ALL BENDS AND FITTINGS.
- 5 ALL WATERLINES AT SEWER CROSSINGS SHALL BE LOCATED ABOVE AND HAVE AN 18-INCH VERTICAL SEPARATION FROM THE SEWER PIPE THE FINE IS NOT PROVIDED, CARE SHALL BE TAKEN TO ENSURE. THERE ARE NO JOINTS IN EITHER PIPE WITHIN 20'OF THE POINT AT WHICH THE PIPES CROSS EACH OTHER, EITHER THROUGH INSTALLING THE PIPES IN CASINGS OR BY PLACEMENT OF JOINTS.
- DISINFECTION TESTS SHALL BE PERFORMED BY THE WATER UTILITY WITH COOPERATION FROM THE CONTRACTOR IN PERFORMING ANY NECESSARY EXCAVATION AND SUBSEQUENT BACKFILLING AT NO COST TO THE COUNTY.
- 7. CHLORINATION OF COMPLETED WATER LINE. THE NEW WATER LINES SHALL BE DISINFECTED BY CHLORINATION IN ACCORDANCE WITH AWMA STANDARD C651-14. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL RELATED COSTS AND FEES RELATED TO THE CHLORINATION OF THE COMPLETED WATER LINE. THIS TEST SHALL BE PERFORMED PRIOR TO CONNECTION OF THE NEW WATER LINES TO THE EXISTING WATER SYSTEM. THE CONTRACTOR SHALL NOTIFY THE WATER UTILITY AT LEAST 24 HOURS BEFORE THE CHLORINATION IS DESIRED.
- 8. A MINIMUM HORIZONTAL CLEARANCE OF 10 FEET SHALL BE MAINTAINED FROM SANITARY SEWER MAINS
- 9 UNLESS OTHERWISE SPECIFIED, ALL WATERLINES SHALL BE AWWA PVC C900 DR 18, MIN, WORKING PRESSURE 200 PSI AND SHALL BE PRESSURE TESTED AT 200 PSI FOR AT LEAST 2 HOUR
- 10. CONTRACTOR SHALL LOCATE VALVES PRIOR TO CONNECTION WITH EXISTING SYSTEM, BUT SHALL NOT OPERATE ANY VALVE WITHOUT
- 11. ALL WATER MAINS, VALVES, FIRE HYDRANTS, SERVICES AND APPURTENANCES SHALL BE INSTALLED, TESTED, AND APPROVED PRIOR TO COMMISSIONING TANK
- 12. THE WATER UTILITY REQUIRES THE USE OF CORROSION RESISTANT MATERIALS FOR ALL CULINARY WATER IMPROVEMENTS. SPECIFICALLY, TRIPAC BLUE BOLTS OR STAINLESS STEEL BOLTS MUST BE USED ON ALL FITTINGS, FURTHER, ALL METAL FITTINGS SHALL BE

SWPPP GENERAL NOTES

- 1. CONTRACTOR SHALL OBTAIN ALL NECESSARY UPDES PERMITS AS REQUIRED BY THE COUNTY ENGINEERING DEPARTMENT AND UTAH STATE
- 2. ALL STRUCTURAL EROSION MEASURES SHALL BE INSTALLED AS SHOWN ON THE SWPP PLAN, PRIOR TO ANY OTHER GROUND-DISTURBING ACTIVITY, ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR, UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREAS ARE STABILIZED WITH HARD SURFACE OR LANDSCAPING.
- 3 INSPECTION TO BE PREFORMED WEEKLY BY A RSI OR OTHER CERTIFIED INSPECTOR

PROJECT ENGINEER DAN WHITE, P.E.

GARDNER ENGINEERING 5150 S 375 E OGDEN, UT. 84405 (801) 476-0202 DAN@GECIVIL.COM

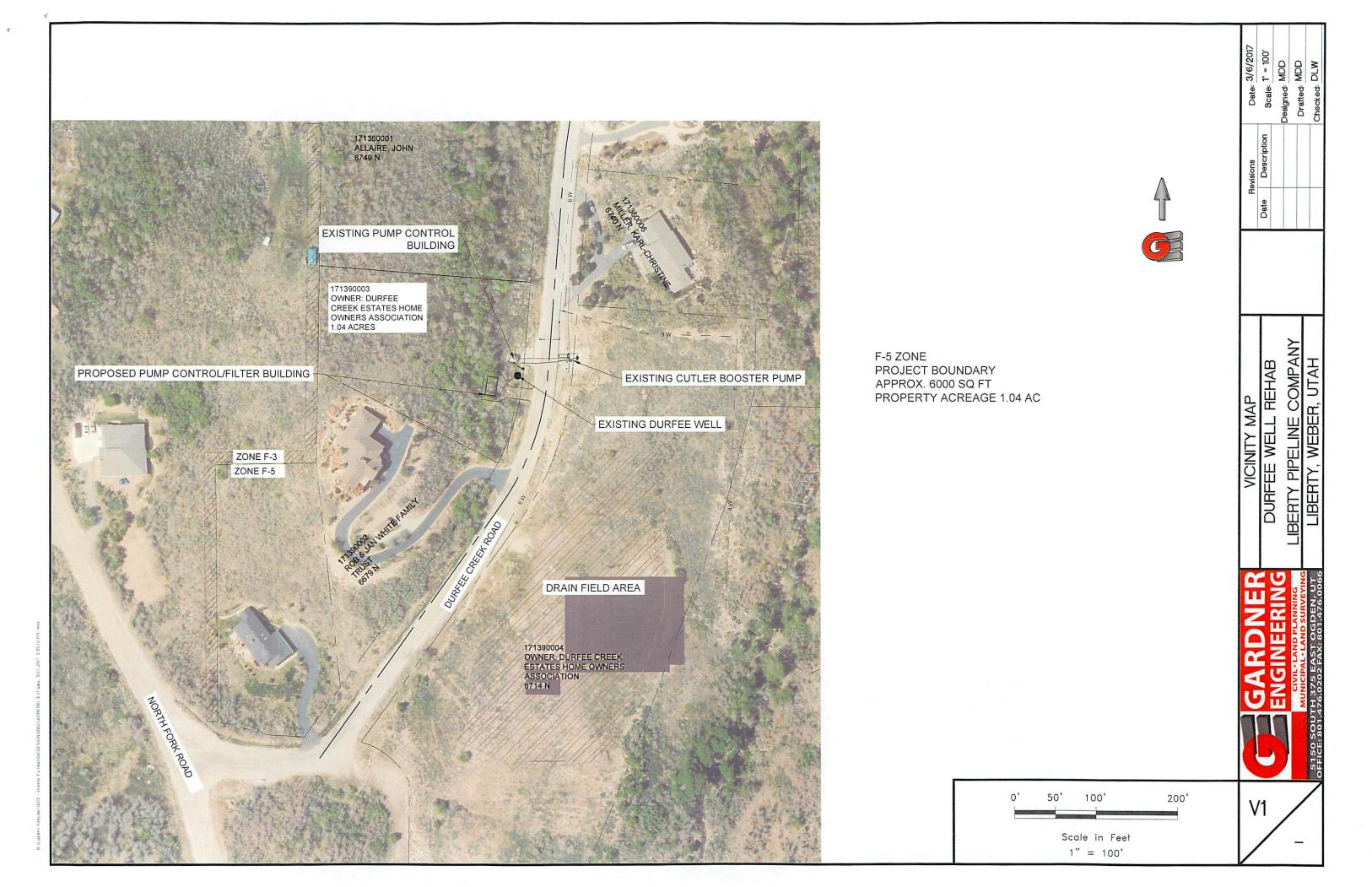


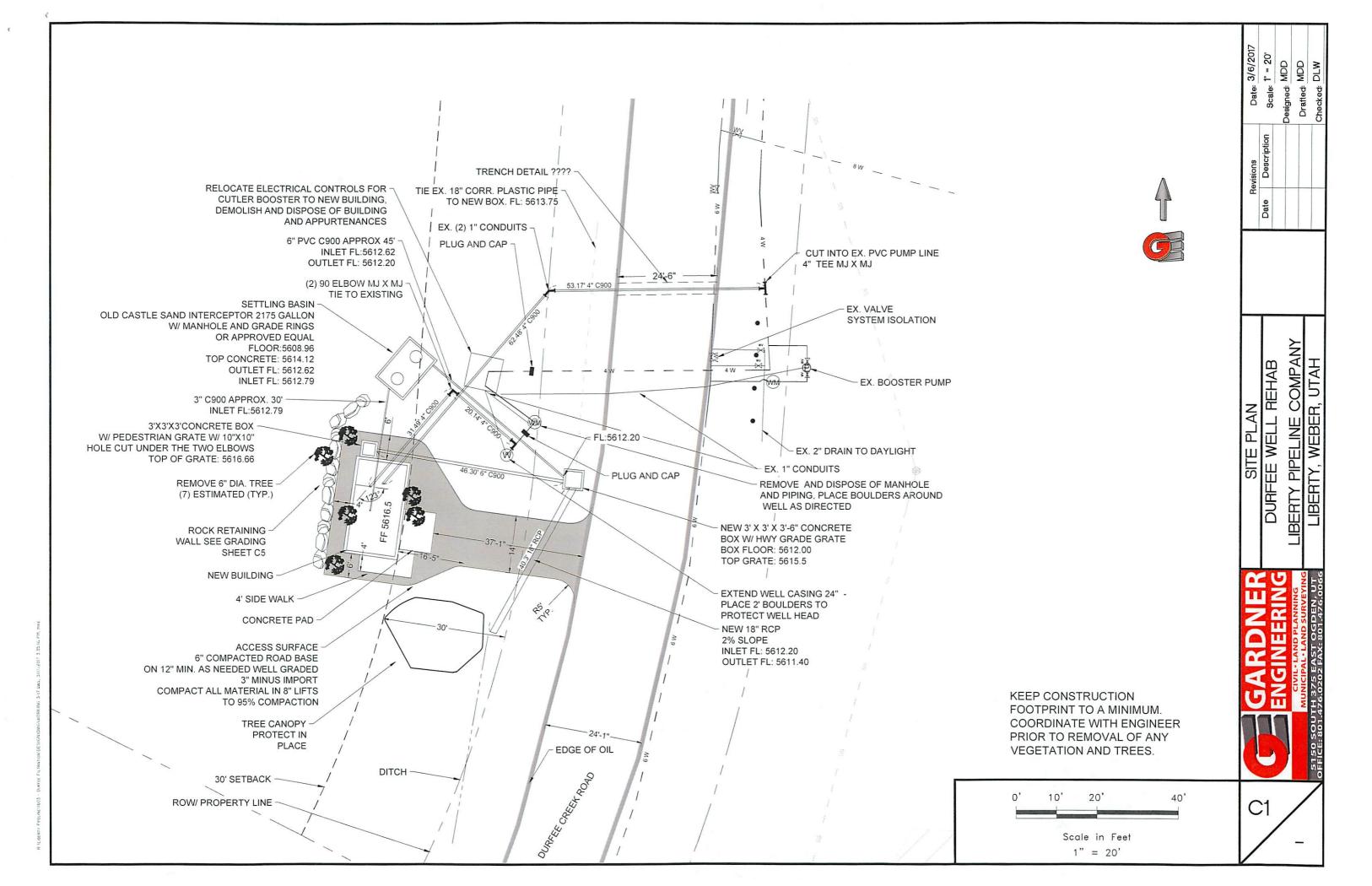
SYSTEM VICE PRESIDENT LIBERTY PIPELINE COMPANY PEN HOLLIST 3707 N 3500 E LIBERTY, UT 84310 801-781-4171

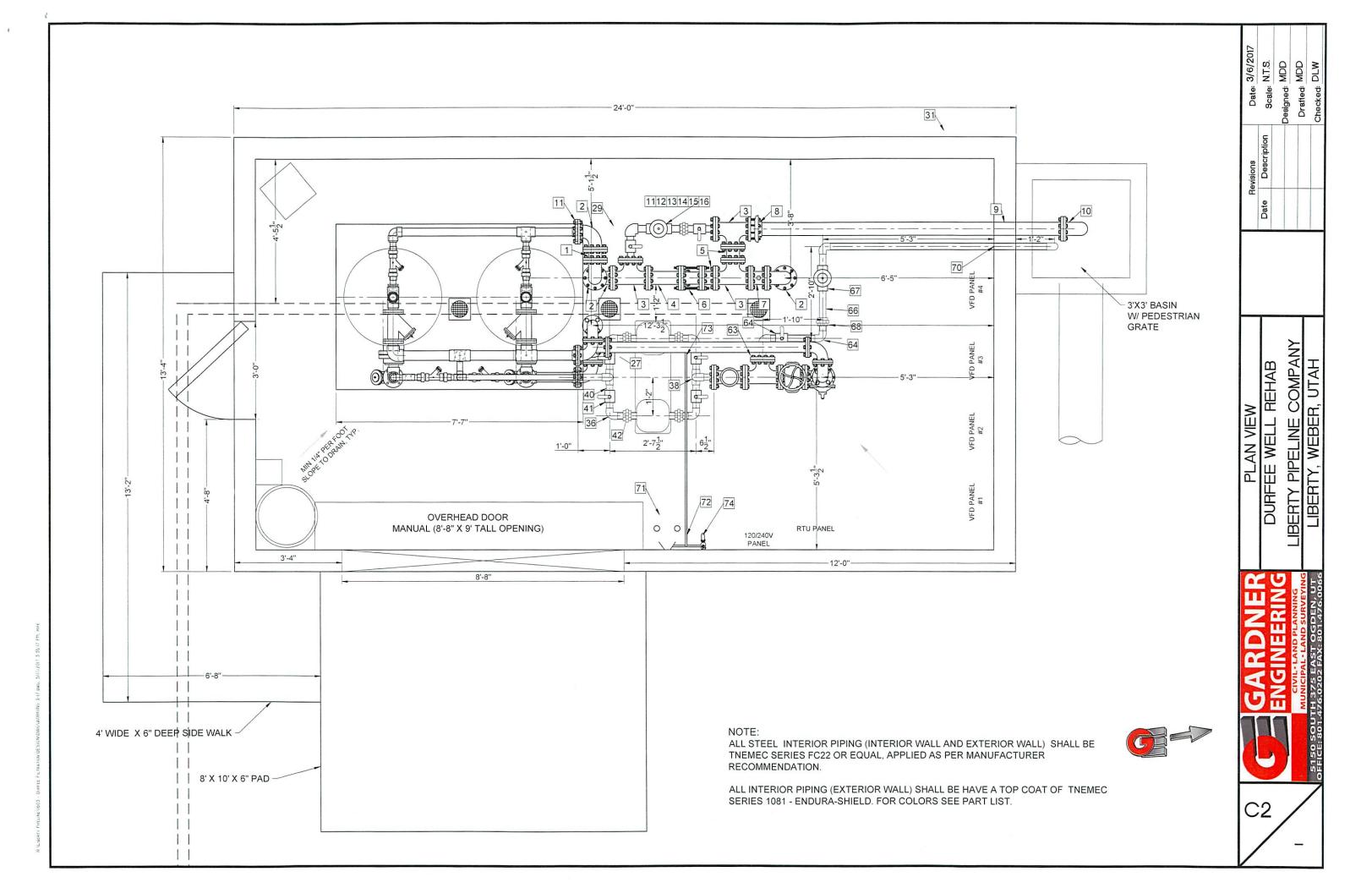


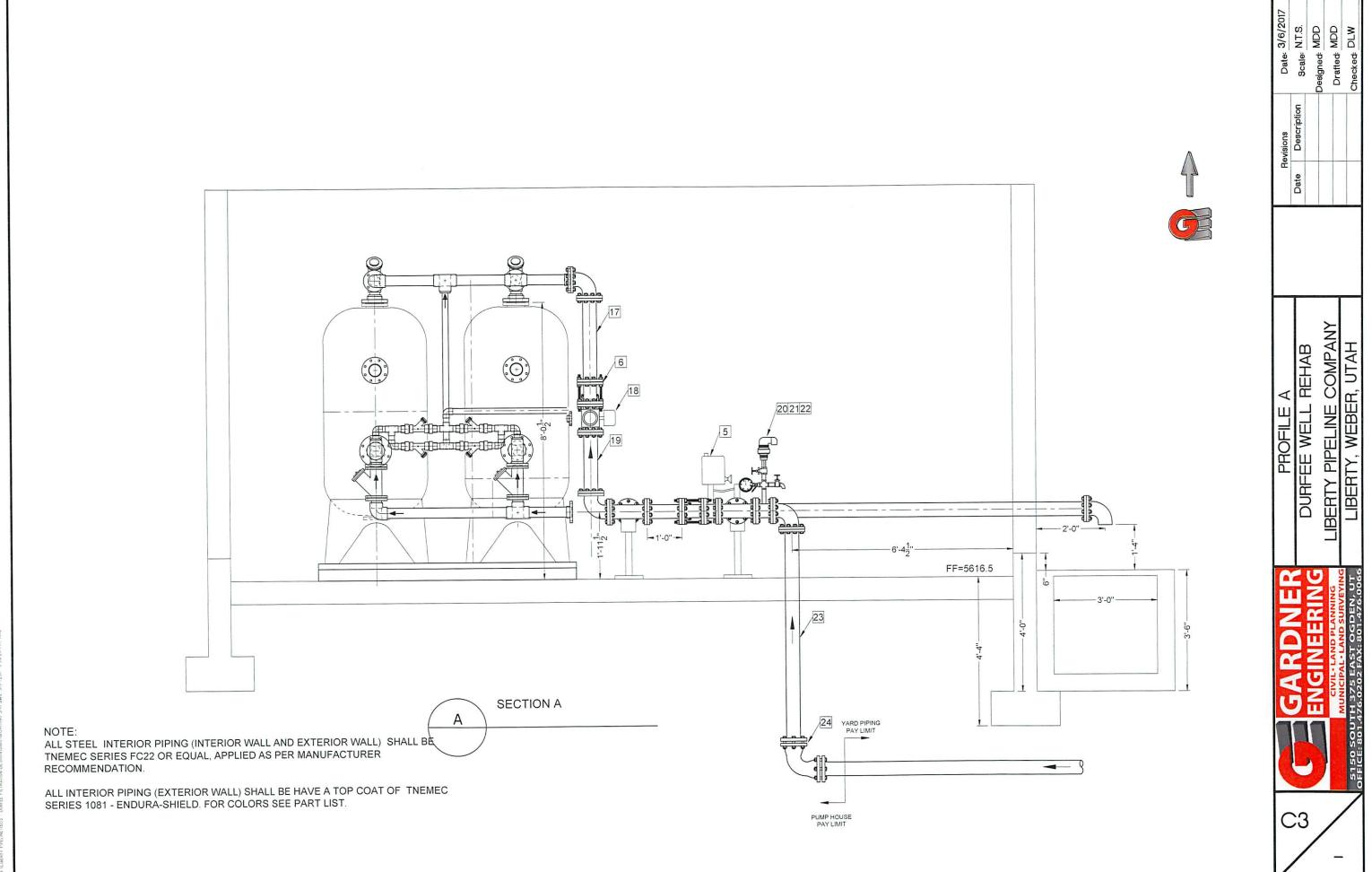




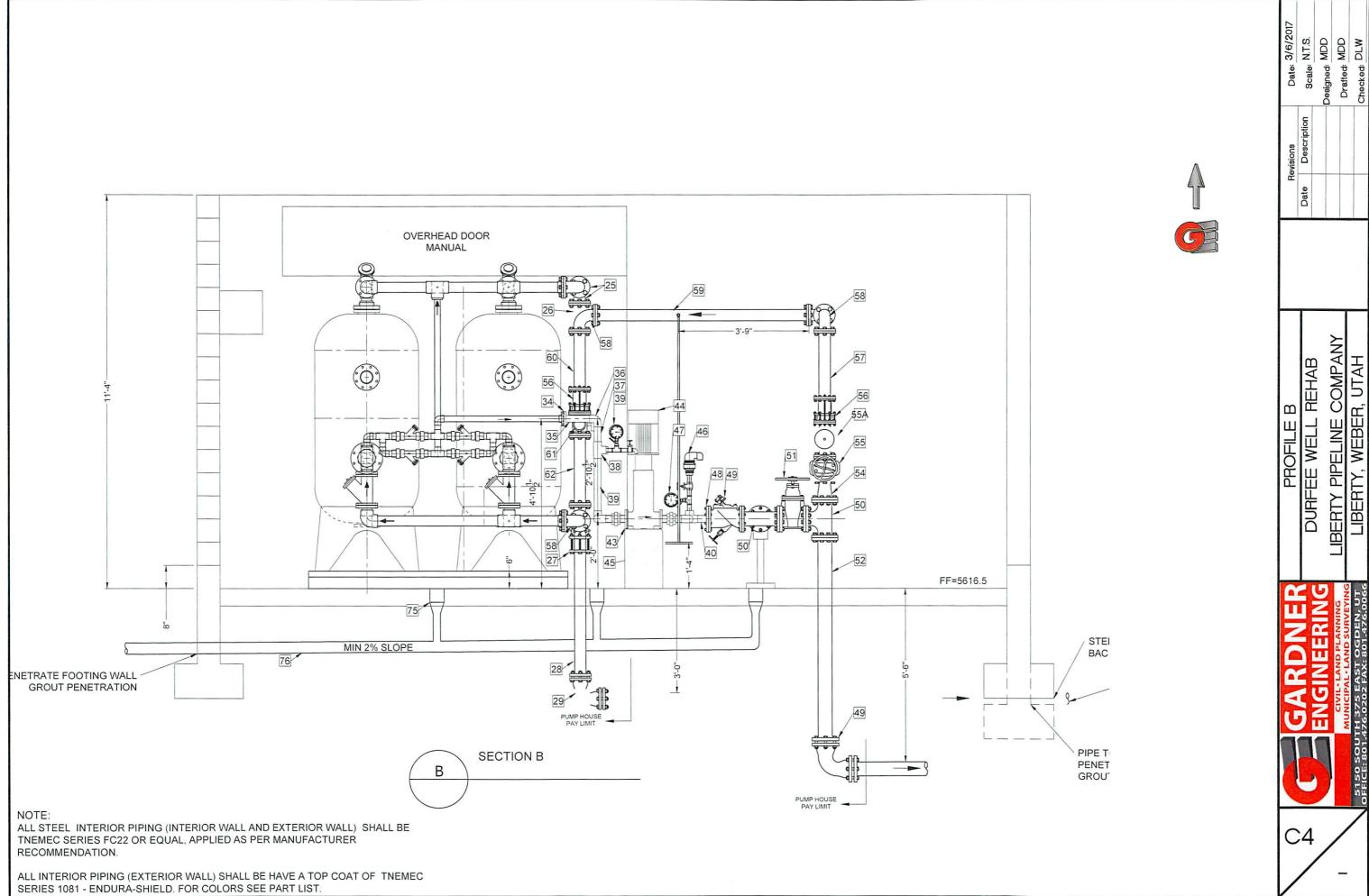








THE STATE OF THE S



Y PIPELINEVIGOS - DURFEE FILT

SIZE CONNECTION

4"

4"

4"

INLET FROM WELL TO FILTER

FL

FL

NOTES

COLOR

AQUAMARINE

AQUAMARINE

AQUAMARINE

AQUAMARINE

				BAC	KWASH INL	.ET	
54	PROFILE B	1	DI REDUCER	3" X 4"	FL	DARK BLUE	
			GATE VALVE	3"	FL	FACTORY	
			PRESSURE REDUCING VALVE	3"	FL	FACTORY	VERTICAL INSTALLATION (COORDINATE WITH MANUFACTURER) DOWN STREAM PRESSURE AT 60 PSI. SINGER 106 OR APPROVED EQUAL
_			DISMANTLING JOINT	3"	FL	DARK BLUE	DJ400 OR APROVED EQUIVALENT
			DI SPOOL FL TO FL LENGTH 2'-0"	3"	FL	DARK BLUE	
_			90 ELBOW	3"	FL	DARK BLUE	
		_	DI SPOOL FL TO FL 6' - 1 1/2"	3"	FL	DARK BLUE	
			DI SPOOL FL TO FL 1' - 8"	3"	FL	DARK BLUE	Table 6 is seen as a second se
_		_	FLOW METER	3"	FL	FACTORY	KROHN WATER FLUX 3070 CONNECTED TO PLC
			DI SPOOL FL TO FL 2' - 0"	3"	FL	DARK BLUE	
				OUTL	ET RELIEF LI	INE	
63	PLAN	1	BLIND FLANGE	4"		DARK BLUE	2" TAP NPT
64	PLAN	_	BALL VALVE	2"	NPT	DARK BLUE	
65	PLAN		90 ELBOW	2"	NPT	DARK BLUE	
66	PLAN	7	NIPPLES FIELD FIT	2"	NPT	DARK BLUE	
67	PLAN	1	RELIEF VALVE	2"	NPT	FACTORY	SINGER 106 RPS OR EQUIVALENT SET AT 165 PSI
68	PLAN	1	COUPLER/UNION	2"	NPT	FACTORY	
69	PLAN	1	90 ELBOW	2"	NPT	DARK BLUE	W/ #4 S.S. SCREENING BETWEEN PIPE AND 90
70	PLAN	1	UNKSEAL	2"			CORE WALL, LINKSEAL W/ EPDM SEAL ELEMENTS
			11-11-11	EYEW/	ASH ASSEM	BLY	
71	PLAN	1	EYE WASH STATION			FACTORY	GUARDIAN EYEWASH STATION G1814- OR APPROVED EQUAL FASTENED TO WALL AT A HEIGHT 4', W/ 1/2" FLOTECT MINI-SIZE FLOW SWITCH -BRASS
72	PLAN		1/2" STEEL PIPING W/ FITTINGS	1/2"	NPT	DARK BLUE	INCLUDING MANIFOLD TO SPICKET AND EYEWASH - SECURE PIPING AND MANIFOLD TO WALL
73	PLAN	1	1/2" TAP	1/2"	NPT	DARK BLUE	
74	PLAN	1	3/4" HOSE SPICKET WITH VALVE	1/2" X 3/4"			
				FLOOR DE	RAIN TO DA	YLIGHT	
75	PROFILE B	3	FLOOR DRAIN W/ STRAINER	5"			NICKEL BRONZE, TOP OF DRAIN TO SIT 1/4" BELOW CONCRETE
76	PROFILE B		PVC DWV PIPING W/ FITTINGS	4"			DRAIN TO DAYLIGHT SHOWN ON SITE PLAN, 4" S.S. SCREEN ON DISCHARGE, DISCHARGE ABOVE HIGH WATER MARK

WEBER.

LIBERTY

3/6/2017 N.T.S. MDD

ITEM SHEET QTY DESCRIPTION

2 PLAN 4 90 ELBOW

3 PLAN 3 TEE DI

1 PLAN 1 DI SPOOL FL TO FL LENGTH 5"

PLAN 4 DI SPOOL FL TO FL LENGTH 12"

THE VAL-MATIC 2004SV BUTTERFLY VALVE WITH 3-WAY

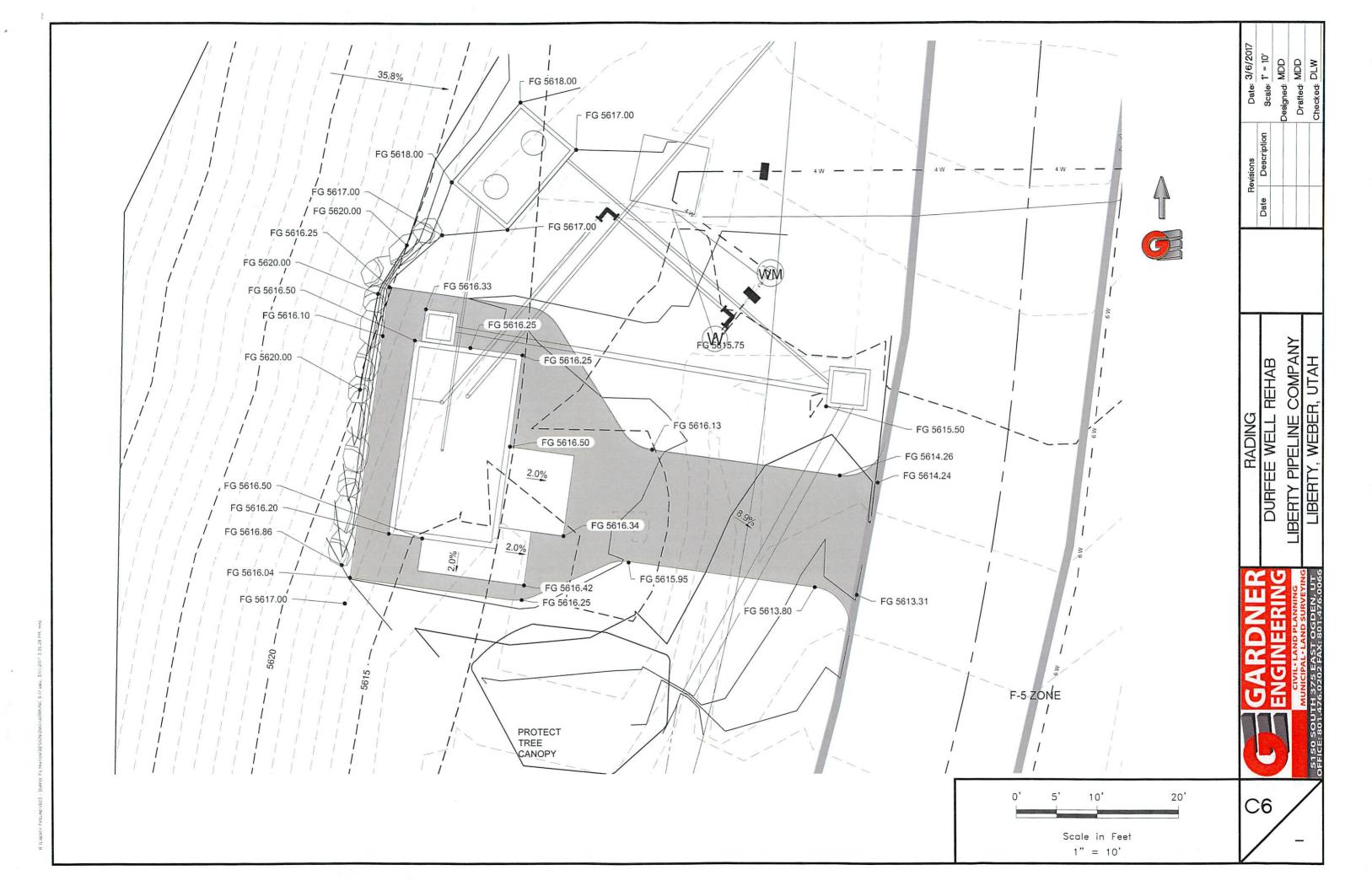


TABLE OF BEARING AREAS IN SQ. FT FOR CONCRETE THRUST BLOCKING

0175		BE	NDS		TCCC+	GATE	DEAD	CROSSW/	CROSSW/ 2 BRAN.
SIZE	90*	45*	22 1/2	11 1/4	TEES*	VALVES	ENDS	PLUGGED	PLUGGED
3	1.0	0.0	0.3	0	0.7	0.5	0.7	0.7	0.7
4	1.8	1.0	0.5	0	1.3	0.5	1.3	1.3	1.3
6	4.0	2.2	1.1	0	2.8	0.7	2.8	2.8	2.8
8	7.1	3.8	2.0	1.0	5.0	2.4	5.0	5.0	5.0
10	11.1	6.0	3.0	1.5	7.8	4.5	7.8	7.8	7.8
12	16.0	8.6	4.4	2.2	11.3	7.3	11.3	11.3	11.3
14	21.7	11.8	6.0	3.0	15.4	11.0	15.4	15.4	15.4
15	25.0	13.5	7.0	3.5	17.6	1	176	17.6	17.6
16	28.4	15.3	8.0	4.0	20.0	z	20.0	20.0	20.0
18	36.0	19.4	10.0	5.0	25.4	DESIGN	25.4	25.4	25.4
20	44.2	24.0	12.2	6.1	31.4	30	31.4	31.4	31.4
21	49.0	26.5	13.5	6.8	34.6		34.6	34.6	34.6
22	54.0	29.0	14.8	7.4	38.0	¥.	38.0	38.0	38.0
24	54.0	34.5	17.7	8.8	45.0	SPECIAL	45.0	45.0	45.0
30	100.0	54.0	27.5	13.8	71.0	Š	71.0	71.0	71.0
36	144.0	78.0	40.0	20.0	102.0		102.0	102.0	102.0

*SIZE IS BRANCH SIZE.

FOR 100 P.S.I. INTERNAL STATIC PRESSURE AND 1000 LBS.PER SQ. FT. SOIL BEARING CAPACITY.

ALL VALVES, TEES, CROSSES AND BENDS SHALL ALSO BE FITTED WITH MECHANICAL RESTRAINTS, SUCH AS MEGA LUGS OR APPROVED EQUAL.

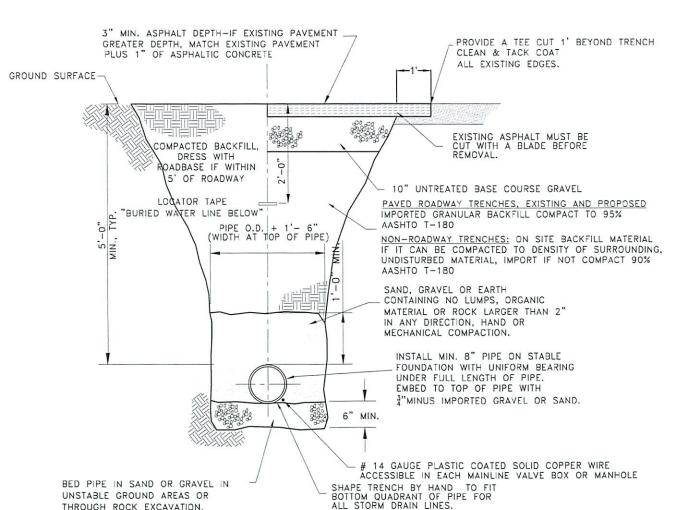
AREAS GIVEN IN TABLE ARE BASED UPON AN INTERNAL STATIC PRESSURE OF 100 P.S.I AND A SOIL BEARING CAPACITY OF 1000 LBS PER SQ. FT. BEARING AREAS FOR ANY PRESSURE AND SOIL BEARING CAPACITY MAY BE OBTAINED BY MULTIPLYING THE TABULATED VALUES BY A CORRECTION FACTOR "F".

= ACTUAL SPECIFIED TEST PRESSURE IN HUNDREDS OF LBS/SQ. IN.
ACTUAL SOIL BEARING CAPACITY IN THOUSANDS OF LBS.

EXAMPLE: TO FIND BEARING AREA FOR 8"-90" BEND WITH A STATIC INTERNAL PRESSURE OF 1500 P.S.I AND WITH A SOIL BEARING CAPACITY OF 3000 LBS. PER SQ. FT. F=1.5 / 3=0.5 TABULATED VALUE = 7.1 SQ. FT. 0.5 X 7.1=3.56 \sim 4 SQ. FT. (\sim OR 2FT. LONG BY 2FT. HIGH.)

THRUST BLOCKING DETAIL

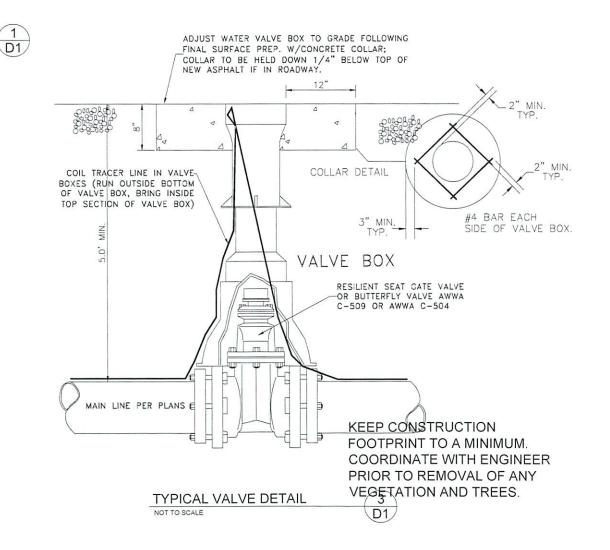
NOT TO SCALE



D1

VALUE OF 800 P.S.F. AND A THRUST RESULTING FROM 150% OF THE WATER LINE

STATIC PRESSURE.



6" MIN. DEPTH UNDER PIPE

NOT TO SCALE

TYPICAL TRENCH DETAIL

GARDNER

GINIL-LAND PLANNING

MUNICIPAL-LAND SURVEYING

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S150 SOUTH 375 EAST SOLED

S150 SOUTH 375 EAST SOLED

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COMPANY

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Date:

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1\2"ø ANCHORS AROUND GATE VALVES TO THRUST ALL TIMBER FOR BLOCKING IS TO BE REDWOOD VALVE PLUG *BENDS * THRUST BLOCKS PLUG TEE REQUIRED AT ALL BENDS 22 1 DEG. OR MORE. TEE CONCRETE SHALL NOT BE PLACED AROUND JOINTS AND BOLTS. COVER ALL METAL CONTACT AREAS WITH A POLY WRAP PRIOR TO CONCRETE PLACEMENT. IN THE ABSENCE OF A SOIL REPORT, ALL THRUST BLOCKS SHALL BE SIZED ON THE BASIS OF A MAXIMUM LATERAL BEARING

TABLE OF BEARING AREAS IN SQ. FT FOR CONCRETE THRUST BLOCKING

CIZE		BE	NDS		T	GATE	DEAD	CROSSW/	CROSSW.
SIZE	90°	45°	22 1/2°	11 1/4	TEES*	VALVES	ENDS	PLUGGED	PLUGGED
3	1.0	0.0	0.3	0	0.7	0.5	0.7	0.7	0.7
4	1.8	1.0	0.5	0	1.3	0.5	1.3	1.3	1.3
6	4.0	2.2	1.1	0	2.8	0.7	2.8	2.8	2.8
8	7.1	3.8	2.0	1.0	5.0	2.4	5.0	5.0	5.0
10	11.1	6.0	3.0	1.5	7.8	4.5	7.8	7.8	7.8
12	16.0	8.6	4.4	2.2	11.3	7.3	11.3	11.3	11.3
14	21.7	11.8	6.0	3.0	15.4	11.0	15.4	15.4	15.4
15	25.0	13.5	7.0	3.5	17.6		176	17.6	17.6
16	28.4	15.3	8.0	4.0	20.0	z	20.0	20.0	20.0
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22	54.0	29.0	14.8	7.4	38.0	SPECIAL	38.0	38.0	38.0
24	64.0	34.5	17.7	8.8	45.0	H	45.0	45.0	45.0
30	100.0	54.0	27.6	13.8	71.0	, v	71.0	71.0	71.0
36	144.0	78.0	40.0	20.0	102.0		102.0	102.0	102.0

*SIZE IS BRANCH SIZE.

FOR 100 P.S.I. INTERNAL STATIC PRESSURE AND 1000 LBS.PER SQ. FT. SOIL BEARING CAPACITY.

ALL VALVES, TEES, CROSSES AND BENDS SHALL ALSO BE FITTED WITH MECHANICAL RESTRAINTS, SUCH AS MEGA LUGS OR APPROVED EQUAL.

3/6/2017

MDD

esigned: Drafted:

COMPANY

UTAP

PIPELINE TY, WEBEF

LIBERTY.

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DETAIL

AREAS GIVEN IN TABLE ARE BASED UPON AN INTERNAL STATIC PRESSURE OF 100 P.S.I AND A SOIL BEARING CAPACITY OF 1000 LBS PER SQ. FT. BEARING AREAS FOR ANY PRESSURE AND SOIL BEARING CAPACITY MAY BE OBTAINED BY MULTIPLYING THE TABULATED VALUES BY A CORRECTION FACTOR "F".

ACTUAL SPECIFIED TEST PRESSURE IN HUNDREDS OF LBS/SQ. IN.
ACTUAL SOIL BEARING CAPACITY IN THOUSANDS OF LBS.

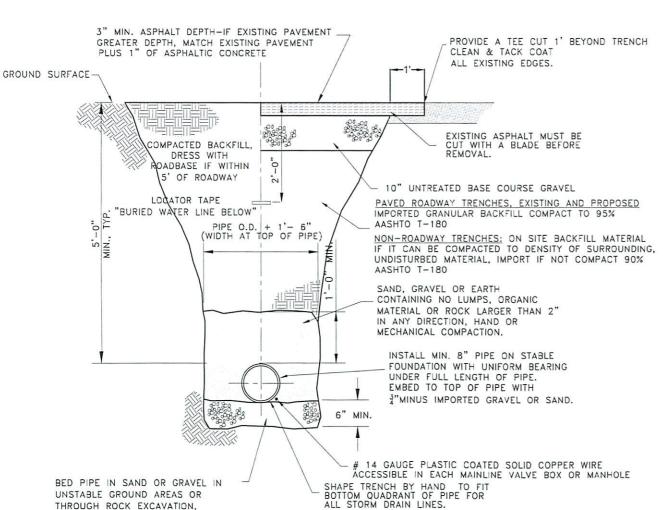
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THRUST BLOCKING DETAIL

NOT TO SCALE

STATIC PRESSURE.

VALUE OF 800 P.S.F. AND A THRUST RESULTING FROM 150% OF THE WATER LINE

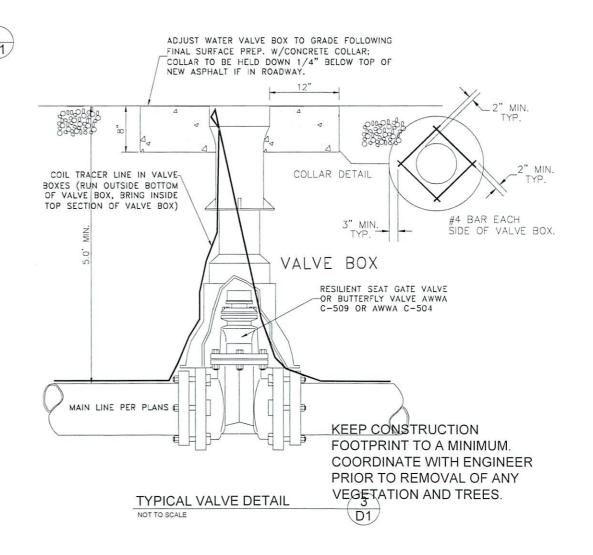


D1

6" MIN. DEPTH UNDER PIPE

NOT TO SCALE

TYPICAL TRENCH DETAIL

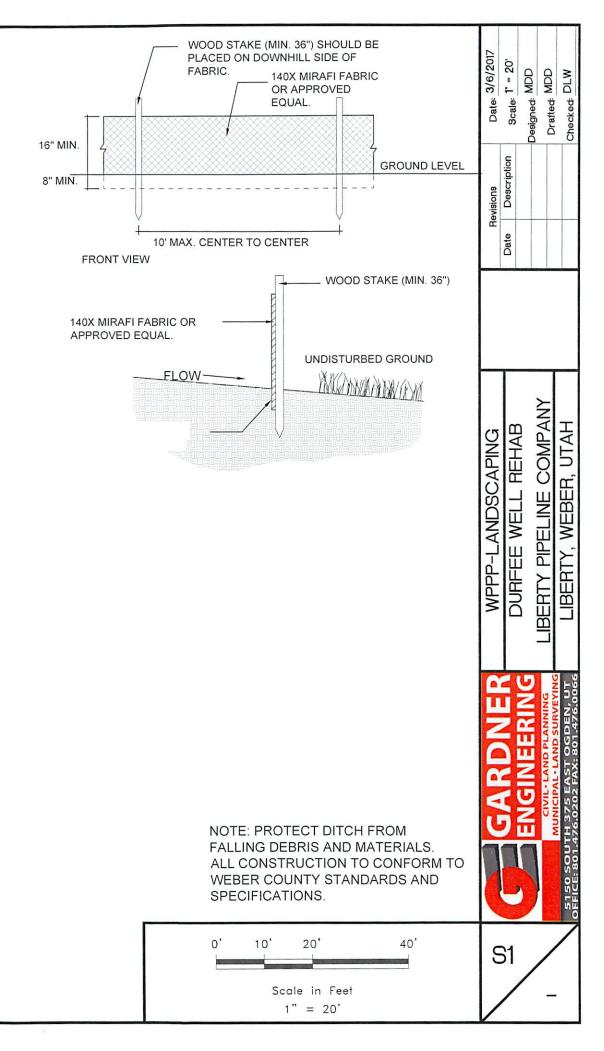


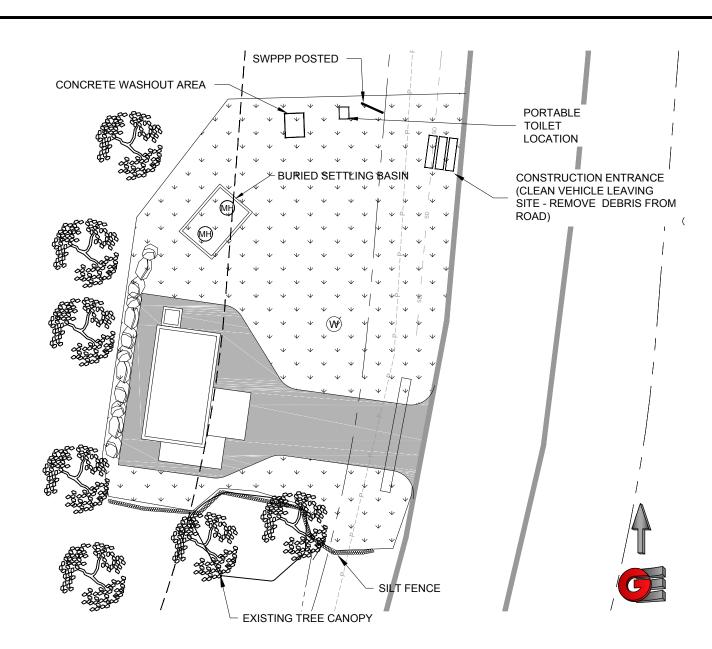
DRYLAND SEED MIX ANTICIPATED AREA = 4200 SQ FT

Species	PLS Pounds per Acre
Streambank wheatgrass (Elymus lanceolatus ssp. psammophilus)	10
Mountain brome (Bromus marginatus)	20
Western wheatgrass (Pascopyrum smithii)	10
Sheep fescue (Festuca ovina)	2.5
Lewis blue flax (Linum lewisii)	2.5
Total	45



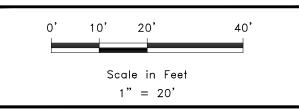
4200 SQ FT.
IMPORT 3" OF TOP SOIL, HYDROSEED WITH 2000#/AC
WOOD MULCH, 100#/AC MBINDER TACKIFIER, HYDRO
SEEDING TO TAKE PLACE BETWEEN OCTOBER 1 AND
NOVEMBER 15 - APPROXIMATELY 42,000 SQ.FT.





WOOD STAKE (MIN. 36") SHOULD BE PLACED ON DOWNHILL SIDE OF FABRIC. 140X MIRAFI FABRIC OR APPROVED EQUAL. 16" MIN. **GROUND LEVEL** 8" MIN. 10' MAX. CENTER TO CENTER FRONT VIEW WOOD STAKE (MIN. 36") 140X MIRAFI FABRIC OR APPROVED EQUAL. UNDISTURBED GROUND FLOW-

NOTE: PROTECT DITCH FROM FALLING DEBRIS AND MATERIALS. ALL CONSTRUCTION TO CONFORM TO WEBER COUNTY STANDARDS AND SPECIFICATIONS.



S1

DRYLAND SEED MIX ANTICIPATED AREA = 4200 SQ FT

Species	PLS Pounds per Acre
Streambank wheatgrass (Elymus lanceolatus ssp.	10
psammophilus)	
Mountain brome (Bromus marginatus)	20
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4100 SQ F I.

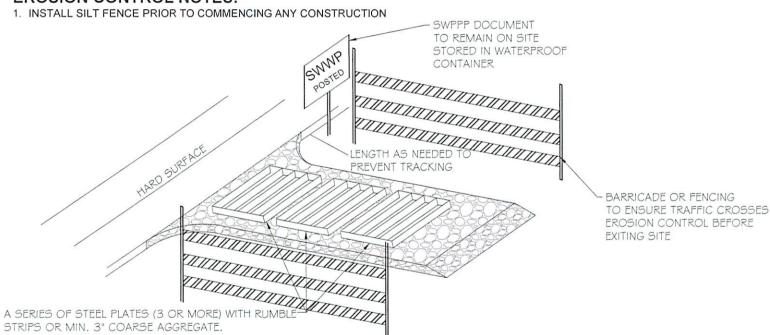
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WOOD MULCH, 100#/AC MBINDER TACKIFIER, HYDRO
SEEDING TO TAKE PLACE BETWEEN OCTOBER 1 AND
NOVEMBER 15 - APPROXIMATELY 42,000 SQ.FT.

IRRIGATION PLAN - OWNER TO WATER THE AREA
PLANTED WITH SEED FOR 1 YEAR AFTER SEED IS
PLANTED - WATERING WILL OCCUR AS NEEDED AND UP
TO TWICE A WEEK IN SUMMER MONTHS. SOURCE WILL
BE FROM SPIGOT INSIDE BUILDING, HOSE AND
SPRINKLER.

STREET MAINTENANCE NOTES:

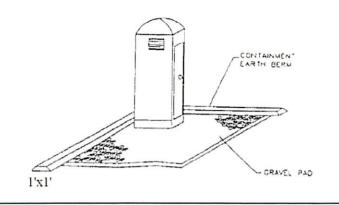
- 1. REMOVE ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS IMMEDIATELY.
- 2. SWEEP PAVED AREAS THAT RECEIVE CONSTRUCTION TRAFFIC WHENEVER SEDIMENT BECOMES VISIBLE.
- PAVEMENT WASHING WITH WATER IS PROHIBITED IF IT RESULTS IN A DISCHARGE TO THE STORM DRAIN SYSTEM OR NATURAL WATERWAY.

EROSION CONTROL NOTES:



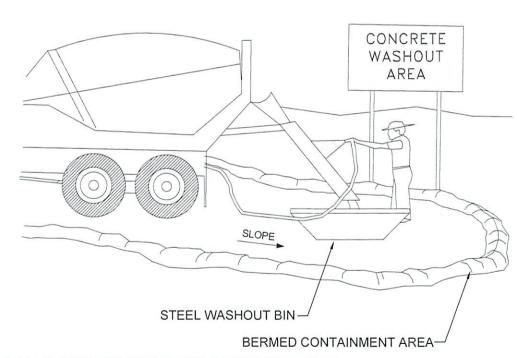
ENTRANCE STABILIZATION NOTES:

- 1. SEDIMENTS AND OTHER MATERIALS SHALL NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS SHALL BE STABILIZED SO AS TO PREVENT SEDIMENTS FROM BEING DEPOSITED INTO THE STORM DRAIN SYSTEMS. DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS INTO THE STORM DRAIN SYSTEM.
- 2. STABILIZED CONSTRUCTION ENTRANCE SHALL BE:
- a. LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A HARD DRIVING SURFACE.
 - b. A SERIES OF STEEL PLATES WITH "RUMBLE STRIPS", AND/OR MIN. 3" COARSE AGGREGATE WITH LENGTH, WIDTH AND THICKNESS AS NEEDED TO ADEQUATELY PREVENT ANY TRACKING ONTO PAVED SURFACES.
- ADDING A WASH RACK WITH A SEDIMENT TRAP LARGE ENOUGH TO COLLECT ALL WASH WATER CAN GREATLY IMPROVE EFFICIENCY.
- ALL VEHICLES ACCESSING THE CONSTRUCTION SITE SHALL UTILIZE THE STABILIZED CONSTRUCTION ENTRANCE SITES.



TEMPORARY ON-SITE FACILITIES (PORTA-POTTY) NOTES:

- 1. PREPARE LEVEL, GRAVEL SURFACE AND PROVIDE CLEAR ACCESS TO THE TOILETS FOR SERVICING AND FOR ON-SITE PERSONNEL.
 2.CONSTRUCT EARTH BERM PERIMETER, CONTROL FOR SPILL/PROTECTION LEAK.
- 3. STAKE PORTA-POTTY TO GROUND TO PREVENT TIP OVER.



CONCRETE WASTE MANAGEMENT NOTES:

- 1. EXCESS AND WASTE CONCRETE SHALL BE DISPOSED OF OFF SITE OR AT DESIGNATED AREAS ONLY.
- 2. EXCESS AND WASTE CONCRETE SHALL NOT BE WASHED INTO THE STREET OR INTO A DRAINAGE SYSTEM.
- 3. FOR WASHOUT OF CONCRETE AND MORTAR PRODUCTS ONSITE, A DESIGNATED CONTAINMENT FACILITY OF SUFFICIENT CAPACITY TO RETAIN LIQUID AND SOLID WASTE SHALL BE PROVIDED.
- 4. ONSITE CONCRETE WASHOUT CONTAINMENT FACILITY SHALL BE A STEEL BIN OR APPROVED ALTERNATE.
- 5. SLURRY FROM CONCRETE AND ASPHALT SAW CUTTING SHALL BE VACUUMED OR CONTAINED, DRIED, PICKED UP AND DISPOSED OF PROPERLY.
- 6. CONCRETE WASH OUT TO BE EMPTIED WHEN IT REACHES $\frac{1}{2}$ CAPACITY.

Œ	Revisions	Date	Date: 3/6/201
Date	Description	Scale	Scale: #####
		Designed: MDD	MDD
		Drafted: MDD	MDD
		Checked: DLW	DLW

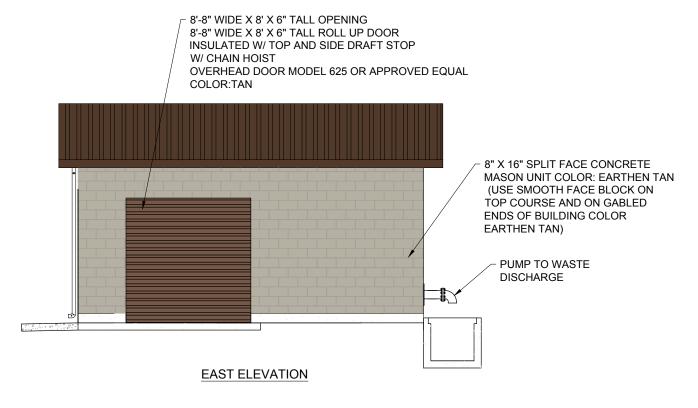
WPPP-DETAILS
DURFEE WELL REHAB
BERTY PIPELINE COMPANY

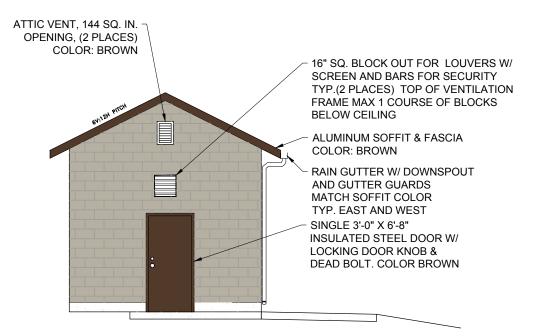
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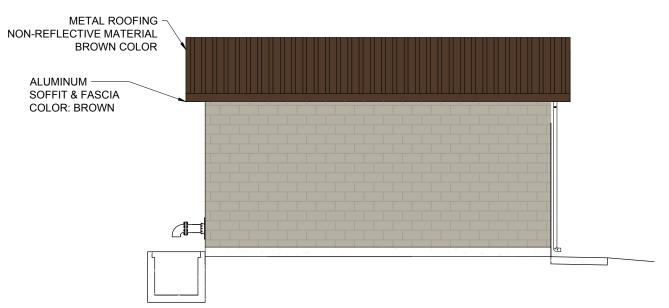
S2

Y PIPELINE VISO3 - DURFEE FILTRATION/DESIGN/DWGVAO









WEST ELEVATION

SOUTH ELEVATION

GARDNER
ENGINEERING
CIVIL-LAND PLANNING
MUNICIPAL-LAND SURVEYING
5150 SOUTH 375 EAST OGDEN, UT

Date: 3/6/2017
Scale: N.T.S.
Designed: MDD
Drafted: MDD
Checked: DLW

COMPANY R, UTAH

LIBERTY PIPELINE C LIBERTY, WEBER

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