I have had a chance to review the plan(s) and have the following comment(s): Please provide written response to the following:

1. A Weber County Storm Water Construction Activity Permit is required for all construction and the related site activities associated with such construction that occupies and disturbs more than 5000 square feet.

Contractor will obtain a construction permit.

2. A formal Storm Water Pollution Prevention Plan (SWPPP) and State Department of Environmental Quality UPDES permit / Notice of Intent (NOI) is required if: a) one acre or more of land is disturbed by construction; or b) a parcel of land is being subdivided for sale for residential, commercial, or industrial development as part of a 'Common Plan of Development'.

Less than one acre of Land is being disturbed (approx.. 23,762 sf). We have included a storm water Pollution Prevention plan (SWPPP). Contractor will obtain County storm water construction activity permit.

3. The SWPPP plan provided shall be amended to show: a) the full limits of the construction occupation and disturbance; b) the site will be subject to periodic inspection by Weber County for the providing of and maintenance of the construction site storm water pollution control provisions.

SWPPP has been revised.

4. The tank in supposedly located in an A-1 Flood zone. Can the pad elevation of the tank be raised to an elevation above the potential Base Flood Elevation or a berm be placed around the tank to protect the tank from potential floodwater occurring around and or above the tank floor? Please check and confirm that all FEMA requirements have been met for this facility.

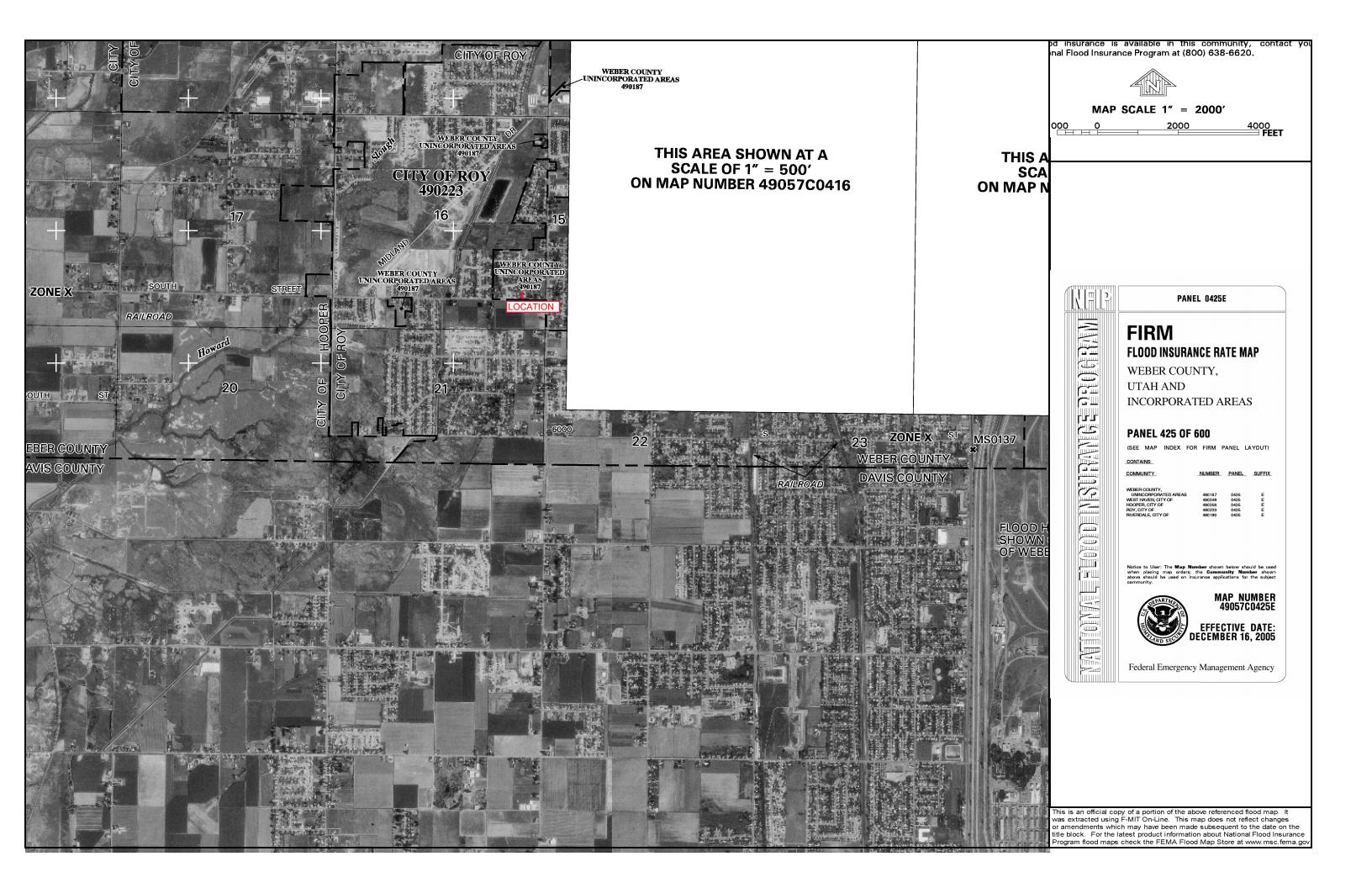
The tank is in Zone X see FEMA Firm map. The A-1 zone is Weber County planning zone not a flood zone. Zone X is Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level. Firm Map is included.

5. The area to be paved and occupied by the tank and pump station will increase the stormwater runnoff rate from the property. An onsite detention or retention pond shall be provided to offset the increase in the stormwater runnoff rate from the site.

We will provide a detention area in the northwest corner. See revised plans and storm water calculations.

I have tried to address all items of concern from the Engineering Department. However, this review does not forego other items of concern that may come to this department's attention during additional reviews or during construction of improvements. If you have any comments or questions concerning this review, feel free to contact me.

Blane W. Frandsen PE, CISEC, CFM



## OVERALL SITE PLAN

## WELL #1 TANK AND PUMP STATION

3500 WEST 5500 SOUTH PART OF SECTION 16,

TOWNSHIP 5, RANGE 2,

SALT LAKE BASE AND MERIDIAN ROY, WEBER, UTAH

HWID 090730036

WAGSTAFF PHEASANT RUN

095790001 (5451 S)

WAGSTAFF PHEASANT RUN

095790002 (3540 W) HOWARD 090730012

(5491 S)

WEST

3500

STEVEN GARSIDE 150960005

(5393 S)

MALONE 090730035

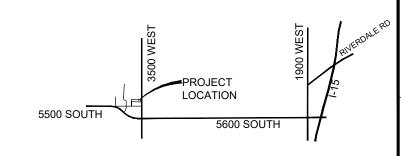
(5411 S)

VERN & LINDA WHITAKER TRUST 090730013

(3562 W)

LAUGHTER 090730014 (3592 w)

<u>-</u>++--- 5500 SOUTH \_\_\_\_\_



### **LOCATION MAP**

#### SHEET INDEX

C1 OVERALL SITE PLAN

C2 SITE PLAN

C3 GRADING AND DRAINAGE

C4 LANDSCAPE PLAN

SW1 SWPPP

SW2 SWPPP

DT1 PUMP STATION TYPICAL

DT2 SD DETAIL

\*SEE S SHEETS FOR TANK STRUCTURE AND PUMP STATION.

AFFECTED PROPERTY 15,096 SF (0.347 ACRES)

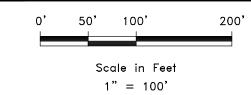


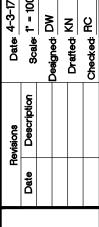
A-1 ZONE



RE -15 ZONE







SOO WEST 5500 SOUTH ROY, WEBER, UTAH





C

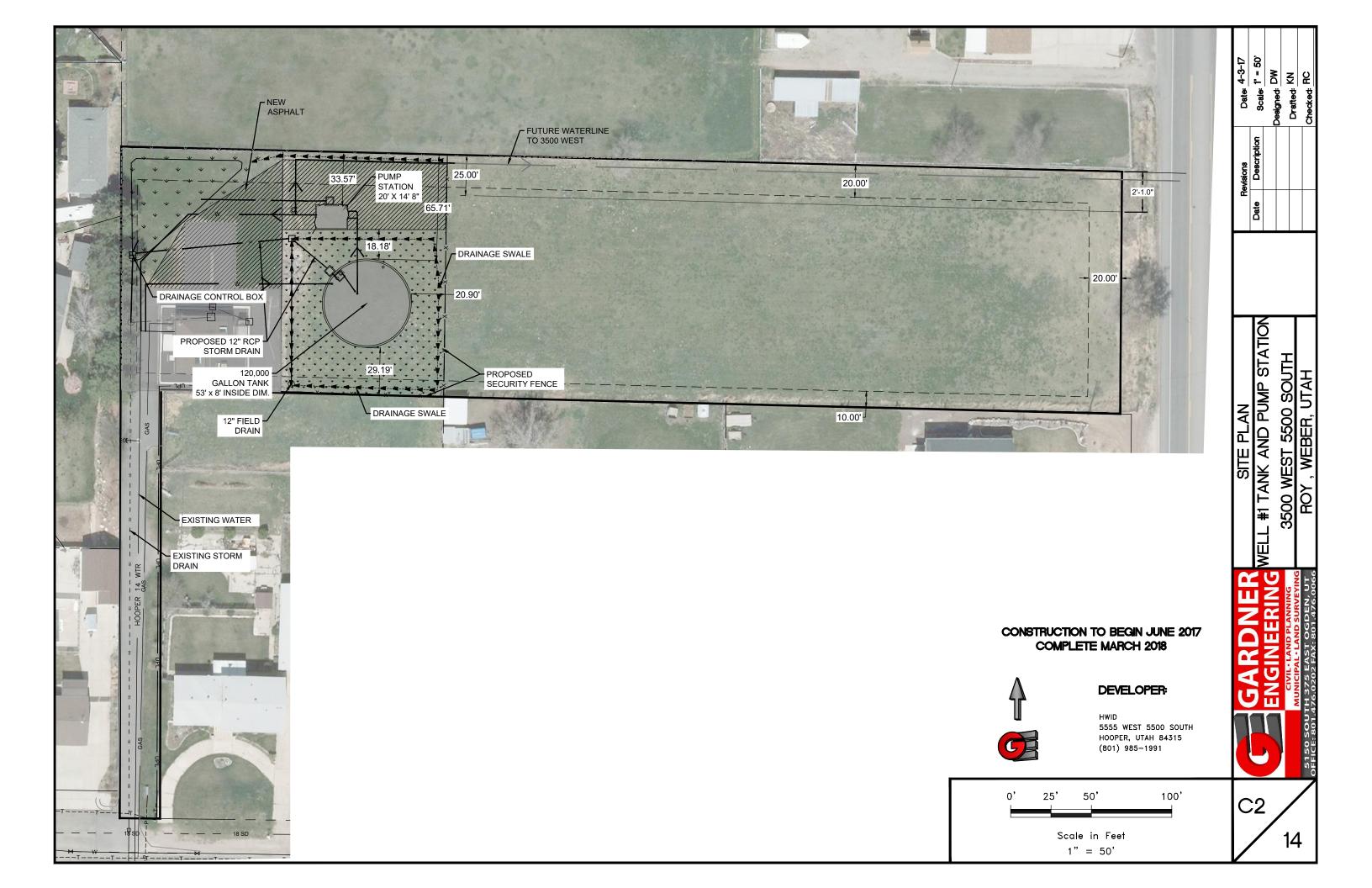


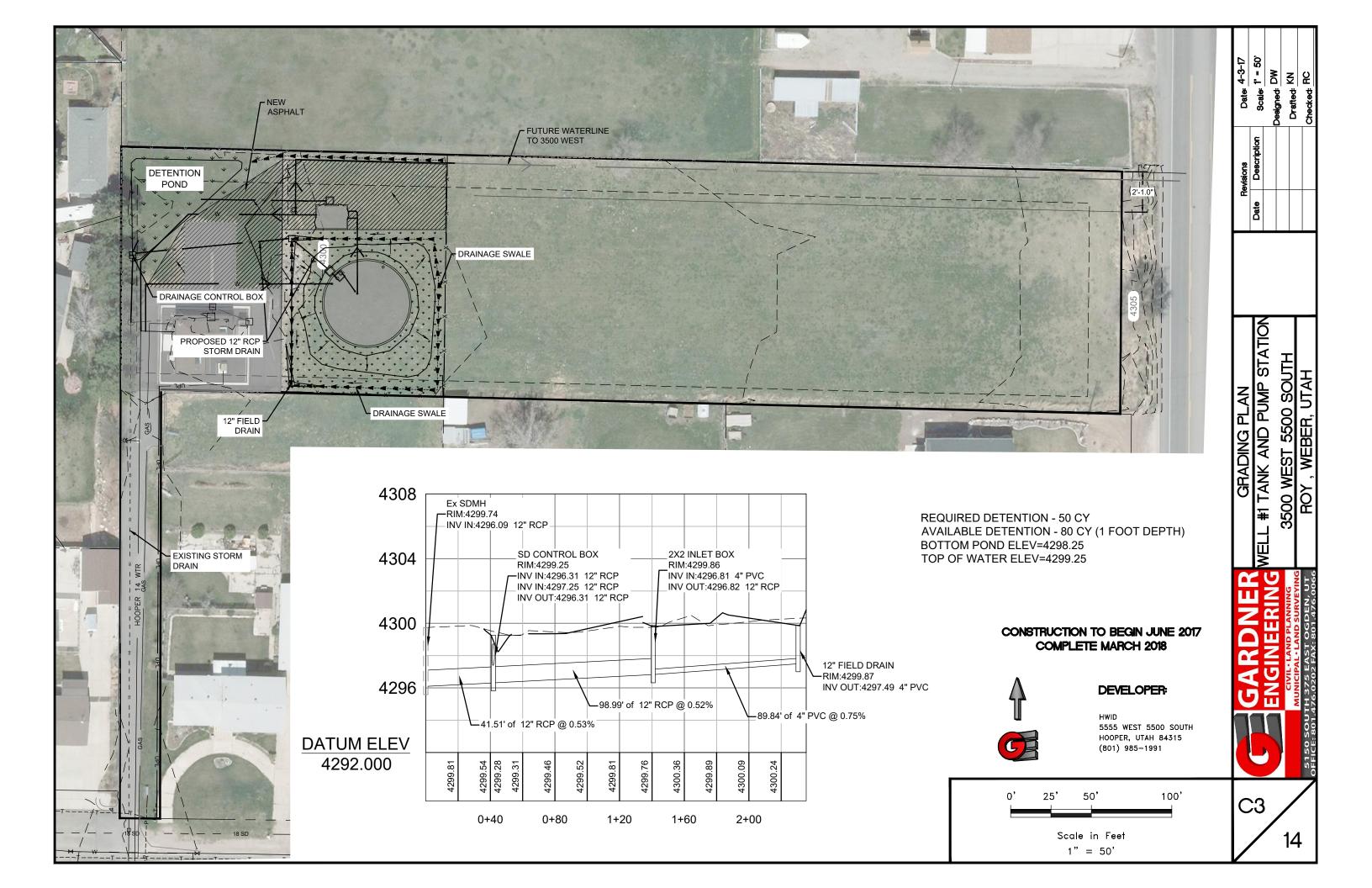
090730048

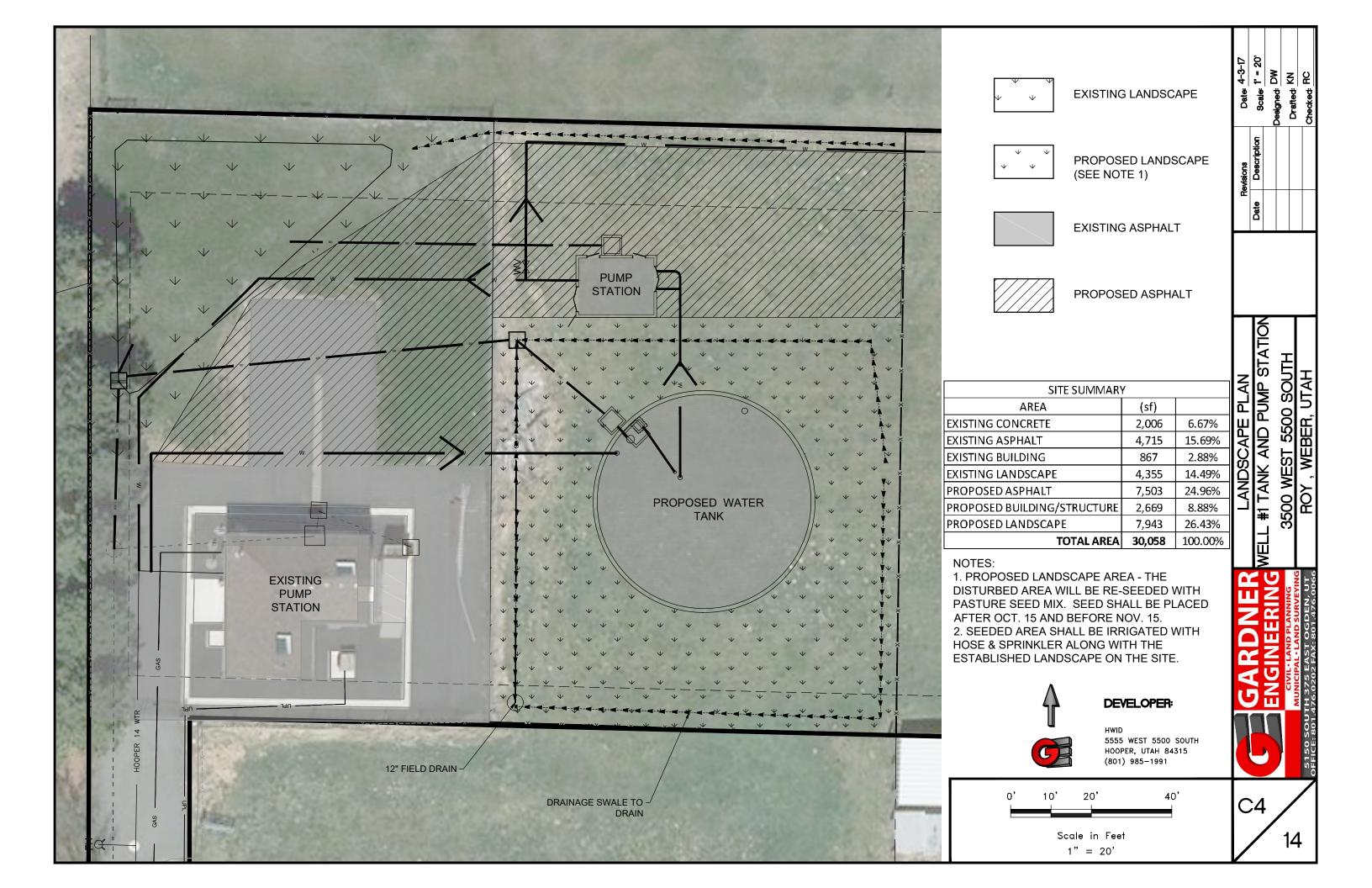
(3608 W)

BUTE 091930005 (3607 W)

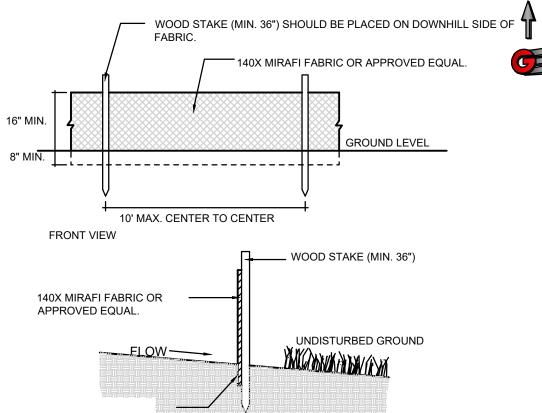
5400 SOUTH

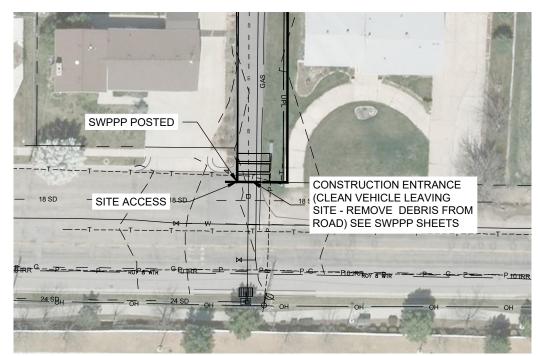










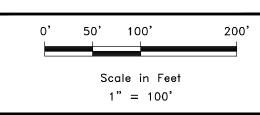


NOTE: ALL CONSTRUCTION TO CONFORM TO WEBER COUNTY STANDARDS AND SPECIFICATIONS.

LEGEND

SILT FENCE

DISTURBED AREA



SW

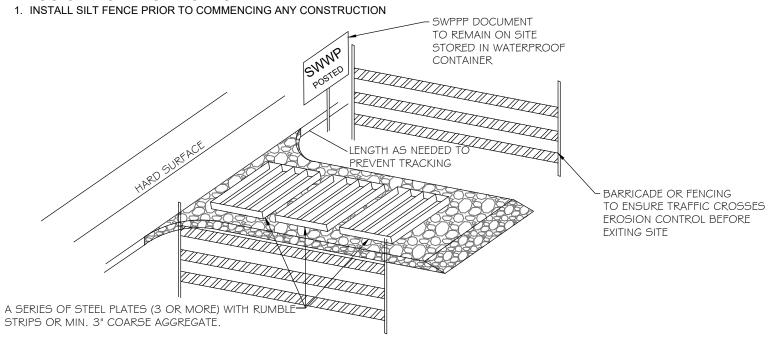
SWPPP
WELL #1 TANK AND PUMP STATION

NOTE: ALL CONSTRUCTION TO CONFORM TO WEBER COUNTY STANDARDS AND SPECIFICATIONS. INSPECTION TO BE PREFORMED WEEKLY BY A RSI OR OTHER CERTIFIED INSPECTOR.

#### STREET MAINTENANCE NOTES:

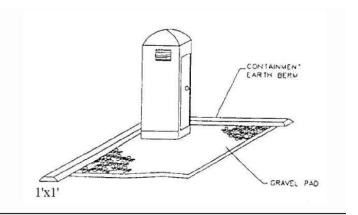
- 1. REMOVE ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS IMMEDIATELY.
- SWEEP PAVED AREAS THAT RECEIVE CONSTRUCTION TRAFFIC WHENEVER SEDIMENT BECOMES VISIBLE.
- 3. PAVEMENT WASHING WITH WATER IS PROHIBITED IF IT RESULTS IN A DISCHARGE TO THE STORM DRAIN SYSTEM OR NATURAL WATERWAY.

#### **EROSION CONTROL NOTES:**



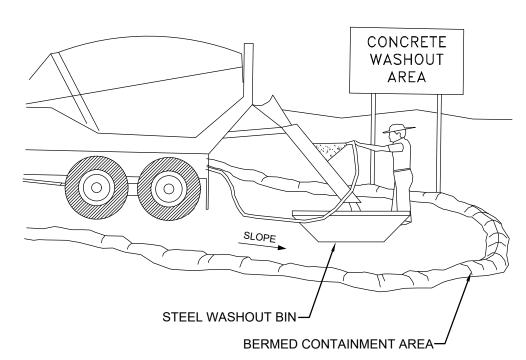
#### **ENTRANCE STABILIZATION NOTES:**

- 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.
- 3. ADDING A WASH RACK WITH A SEDIMENT TRAP LARGE ENOUGH TO COLLECT ALL WASH WATER CAN GREATLY IMPROVE EFFICIENCY.
- 4. 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.

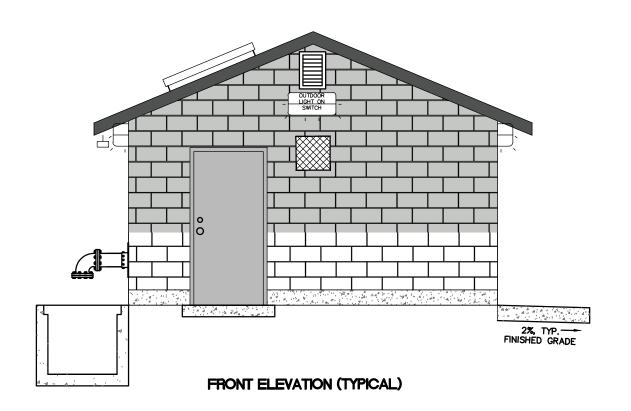
  4. ONSITE CONCRETE WASHOUT CONTAINMENT FACILITY SHALL BE A STEEL BIN OR APPROVED
- 4. ONSITE CONCRETE WASHOUT CONTAINMENT FACILITY SHALL BE A STEEL BIN OR APPROVED ALTERNATE.
- 5. SLURRY FROM CONCRETE AND ASPHALT SAW CUTTING SHALL BE VACUUMED OR CONTAINED, DRIED, PICKED UP AND DISPOSED OF PROPERLY.
- 6. CONCRETE WASH OUT TO BE EMPTIED WHEN IT REACHES  $\frac{1}{2}$  CAPACITY.

Date: 4-3-17	Scale: ######	Decipood: DW	- Deligies -	Drafted: NN	Checked: RC
Revisions	Description				
æ	Date				

I TANK AND PUMP STATION WEST 5500 SOUTH

SWPPP



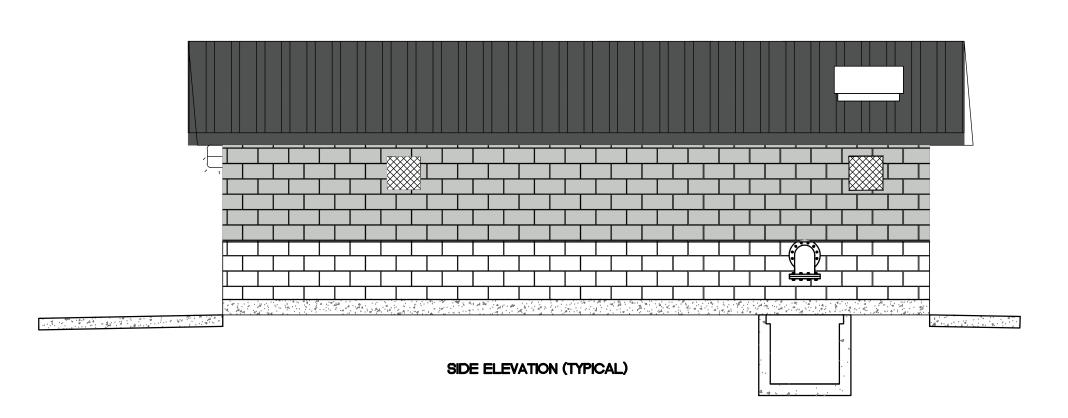


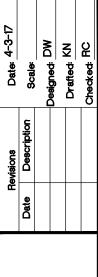


EXISTING WELL HOUSE DURING CONSTRUCTION (NEW PUMP STATION TO BE FINISHED SIMILAR TO EX WELL HOUSE)

#### NOTE

THE BOTTOM 6 COURSES OF BLOCK SHALL BE SPLIT FACE AND THE REMAINDER SHALL BE STANDARD 8X16 BLOCKS, ALL BLOCK, ROOFING, GABLE SIDING, ETC. SHALL MATCH THE EXISTING BUILDING, SUBMIT SAMPLES TO ENGINEER FOR APPROVAL PRIOR TO PURCHASE OF VISIBLE EXTERIOR MATERIALS.





PUMP STATION
SLL #1 TANK AND PUMP STATION
3500 WEST 5500 SOUTH



DT

1.

