



**VICINITY MAP**  
SCALE: NONE

**SOILS EVALUATION INFO**

**EXPLORATION PIT #1** (UTM ZONE 12 NAD 83 412087 E 4566252 N)  
0-17" LOAM, GRANULAR/BLOCKY STRUCTURE  
17-43" CLAY LOAM, MASSIVE STRUCTURE  
GROUNDWATER ENCOUNTERED AT 43"

**EXPLORATION PIT #2** (UTM ZONE 12 NAD 83 412123 E 4566211 N)  
0-13" LOAM, GRANULAR STRUCTURE  
13-32" FINE SANDY LOAM, BLOCKY STRUCTURE  
32-48" FINE SANDY LOAM, MASSIVE STRUCTURE

**EXPLORATION PIT #3** (UTM ZONE 12 NAD 83 412080 E 4566142 N)  
0-21" LOAM, GRANULAR STRUCTURE  
21-35" FINE SANDY LOAM, BLOCKY STRUCTURE  
35-52" FINE SANDY LOAM, MASSIVE STRUCTURE

**EXPLORATION PIT #4** (UTM ZONE 12 NAD 83 412026 E 4566145 N)  
0-20" LOAM, GRANULAR STRUCTURE  
20-32" SANDY LOAM, BLOCKY STRUCTURE  
32-45" FINE SANDY LOAM, MASSIVE STRUCTURE

**EXPLORATION PIT #5** (UTM ZONE 12 NAD 83 411977 E 4566148 N)  
0-24" LOAM, GRANULAR STRUCTURE  
24-45" LOAM, MASSIVE STRUCTURE, COMMON RED MOTTLES

**EXPLORATION PIT #6** (UTM ZONE 12 NAD 83 411938 E 4566148 N)  
0-26" LOAM, GRANULAR/BLOCKY STRUCTURE  
26-46" LOAM, MASSIVE STRUCTURE, COMMON RED MOTTLES

**NOTES**

1. CONTOURS ARE SHOWN WITH A ONE FOOT INTERVAL.
2. PROJECT IS IN ZONE X PER FEMA FLOOD PANEL 49057C0406E, EFFECTIVE 12-16-2005
3. LOTS WILL HAVE SEPTIC TANKS
4. LOTS WILL DRAIN INTO EXISTING DRAINAGE DITCH
5. IRRIGATION BASIN WILL BE FILLED FROM EXISTING CONNECTION FROM WILSON IRRIGATION

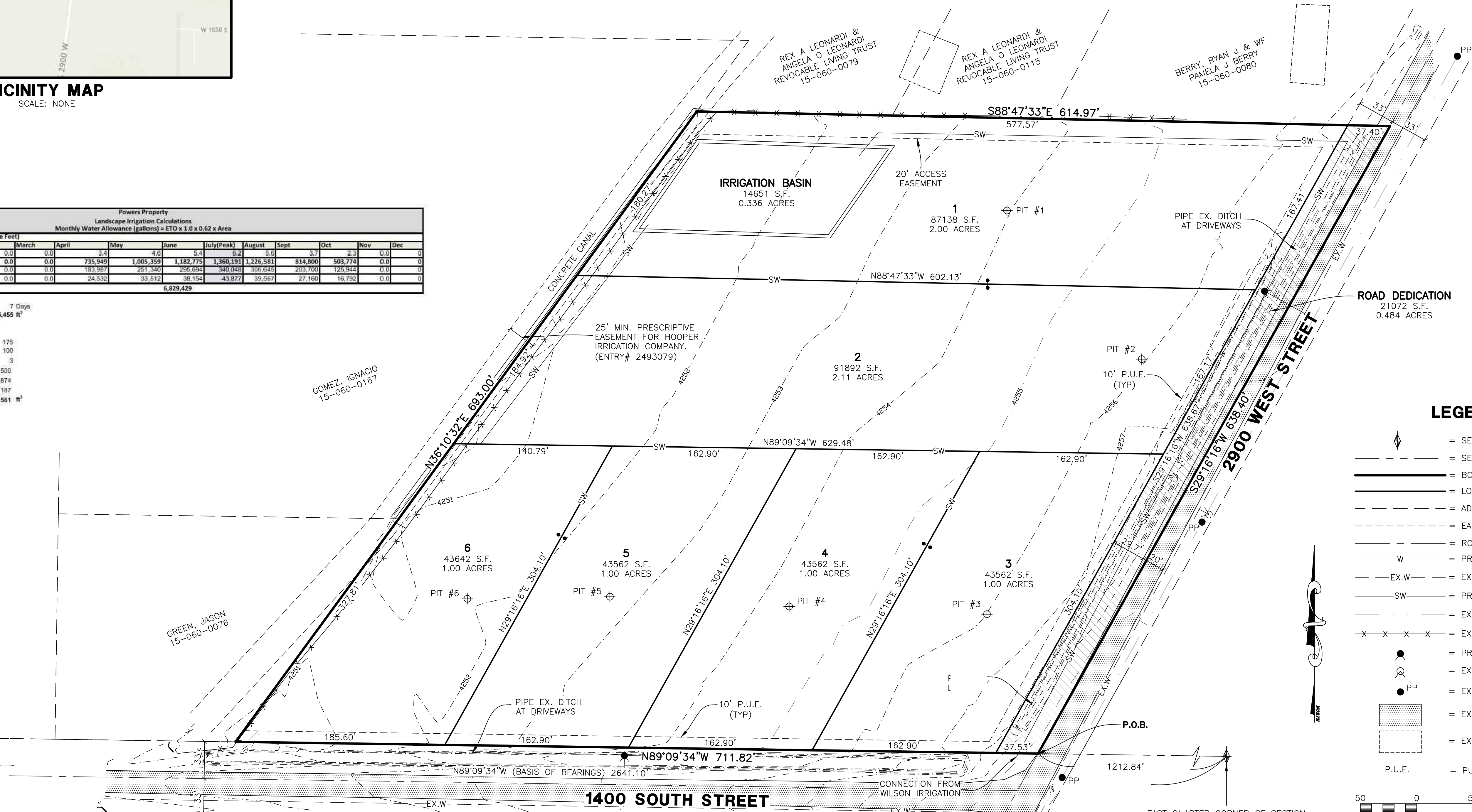
Powers Property Landscape Irrigation Calculations Monthly Water Allowance (gallons) = ETO x 1.0 x 0.62 x Area												
Month	Jan	Feb	March	April	May	June	July(Peak)	August	Sept	Oct	Nov	Dec
ET0	0.0	0.0	0.0	3.4	4.6	5.4	6.2	5.9	3.7	2.3	0.0	0
Gallons Monthly	0.0	0.0	0.0	735,949	1,005,359	1,182,775	1,360,191	1,226,581	814,800	503,774	0.0	0
Gallons Weekly	0.0	0.0	0.0	183,987	251,340	295,694	340,048	306,645	203,700	125,944	0.0	0
Gallons Daily	0.0	0.0	0.0	24,532	33,512	38,154	43,877	39,507	27,100	16,792	0.0	0
Gallons Annually												

Days Between Receiving Water: 7 Days  
Required Storage Volume: 45,455 ft<sup>3</sup>

**Aboveground Basin Sizing**

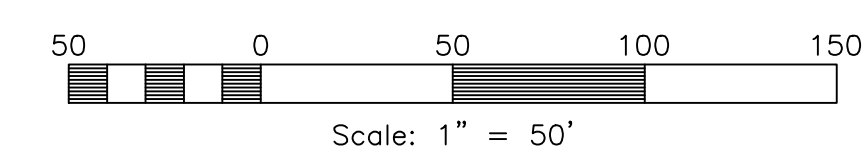
Length	175
Width	100
Depth	3
Top Area	17,500
Bottom Area	12,874
Average Area	15,187
Volume	45,561 ft <sup>3</sup>

CENTER OF SECTION 22, TOWNSHIP 6 NORTH, RANGE 2 WEST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY. FOUND BRASS CAP MONUMENT MARKED "1963" IN CONCRETE



**LEGEND**

- = SECTION CORNER
- = SECTION TIE LINE
- = BOUNDARY LINE
- = LOT LINE
- = ADJOINING PROPERTY
- = EASEMENTS
- = ROAD CENTERLINE
- = PROPOSED CULINARY WATER LINE
- = EX.W = EXISTING CULINARY WATER LINE
- = PROPOSED SECONDARY
- = EXISTING POWERLINE
- = EXISTING FENCE LINE
- = PROPOSED FIRE HYDRANT
- = EXISTING FIRE HYDRANT
- = EXISTING POWER POLE
- = EXISTING ASPHALT SURFACE
- = EXISTING STRUCTURE
- = PUBLIC UTILITY EASEMENT



EAST QUARTER CORNER OF SECTION 22, TOWNSHIP 6 NORTH, RANGE 2 WEST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY. FOUND BRASS CAP MONUMENT MARKED "1960" 2" BELOW SURFACE

**BOUNDARY DESCRIPTION**

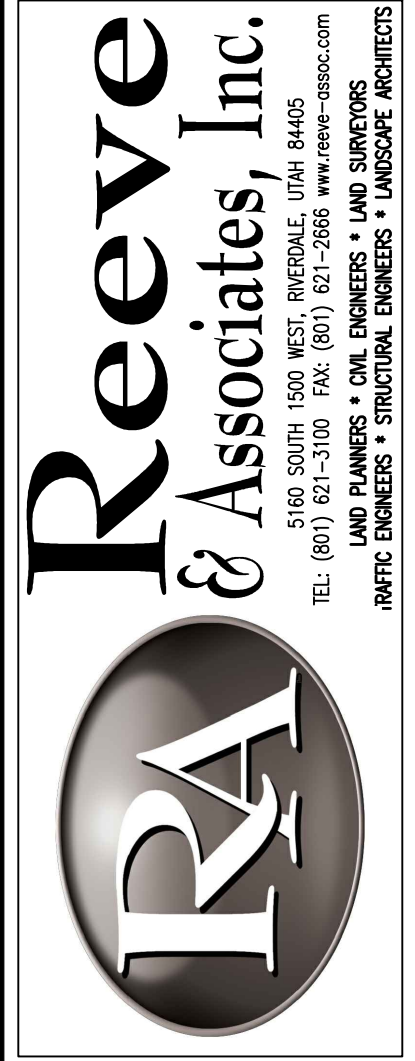
PART OF THE NORTHEAST QUARTER OF SECTION 22, TOWNSHIP 6 NORTH, RANGE 2 WEST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY

BEGINNING AT A POINT, SAID POINT BEING N89°09'34"W ALONG THE SECTION LINE 1212.84 FEET FROM THE EAST QUARTER CORNER OF SAID SECTION 22; THENCE N89°09'34"W ALONG THE NORTHERLY RIGHT-OF-WAY LINE OF 1400 SOUTH STREET, 711.82 FEET; THENCE N36°10'32"E 693.00 FEET; THENCE S88°47'33"E 614.97 FEET; THENCE S29°16'16"W 638.40 FEET TO THE POINT OF BEGINNING.

CONTAINING 374430 SQUARE FEET OR 8.596 ACRES MORE OR LESS.

**TCGailey Subdivision**

Weber County, Utah



**REVISIONS**

DATE	DESCRIPTION	REVISED BY
9-9-21	REVISE SW	

**TCGailey Subdivision**  
PART OF THE NE 1/4 OF SECTION 22, T.6N., R.2W., S.11B & M., U.S. SURVEY  
WEBER COUNTY, UTAH

**Preliminary Plan**

**Project Info.**  
Engineer: N. Reeve  
Planner: C. Cave  
Designer: E. Roche  
Date: 7-15-21  
Name: TCGAILEY SUBDIVISION  
Number: 7713-01

Sheet	1
1	Sheets