



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

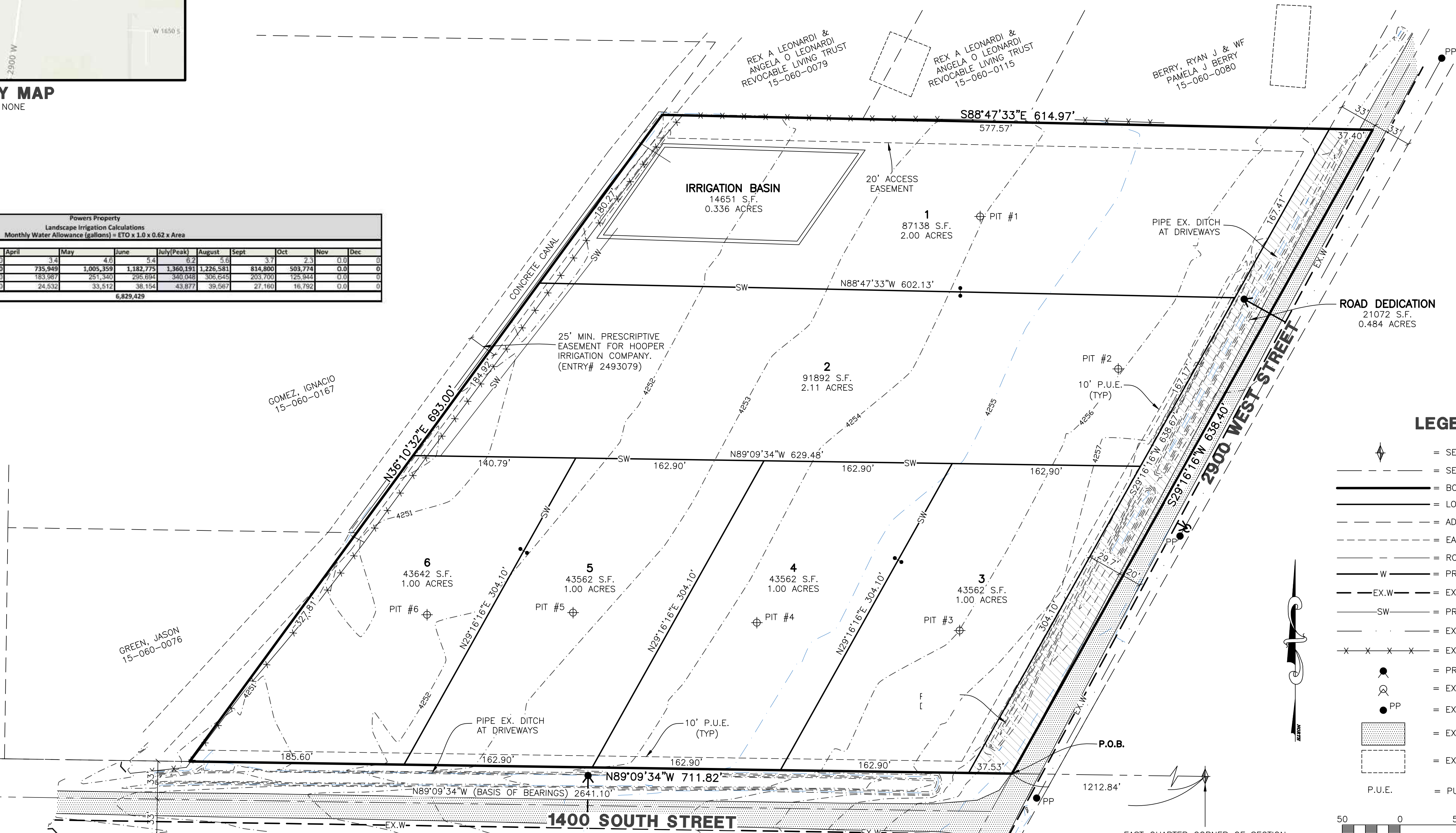
1. CONTOURS ARE SHOWN WITH A ONE FOOT INTERVAL.
2. PROJECT IS IN ZONE X PER FEMA FLOOD PANEL 49057C0406E, EFFECTIVE 12-16-2005
3. LOTS WILL HAVE SEPTIC TANKS
4. LOTS WILL DRAIN INTO EXISTING DRAINAGE DITCH
5. IRRIGATION BASIN WILL BE FILLED FROM EX. CANAL ONCE A WEEK

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
ETD	0.0	0.0	0.0	3.4	4.6	6.2	6.2	5.8	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	35,512	38,154	43,877	39,567	27,100	16,792	0.0	0
Gallons Annually	6,829,429											

Days Between Receiving Water: 7 Days
Required Storage Volume: 45,455 ft³

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 ³



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

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

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
- = SW = PROPOSED SECONDARY
- = EX.P.W = EXISTING POWERLINE
- = X X X X = EXISTING FENCE LINE
- = ● = PROPOSED FIRE HYDRANT
- = ○ = EXISTING FIRE HYDRANT
- = ● PP = EXISTING POWER POLE
- = [Hatched] = EXISTING ASPHALT SURFACE
- = [Dashed] = EXISTING STRUCTURE
- = P.U.E. = PUBLIC UTILITY EASEMENT

Scale: 1" = 50'

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.

subdivision name in bold letters at the top of the sheet. The township, range, and quarter section shall also be shown on the top of the plat. 106-1-5.10

TCGailey Subdivision

Weber County, Utah

Reeve & Associates, Inc.
5160 S. 1500 W. RIVERDALE, UTAH 84405
TEL: (801) 499-9774 FAX: (801) 631-2666 www.reeve-assoc.com
LAND PLANNERS • CIVIL ENGINEERS • LAND SURVEYORS
ARCHITECTS • STRUCTURAL ENGINEERS • LANDSCAPE ARCHITECTS

REVISIONS	DESCRIPTION	DATE

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