



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

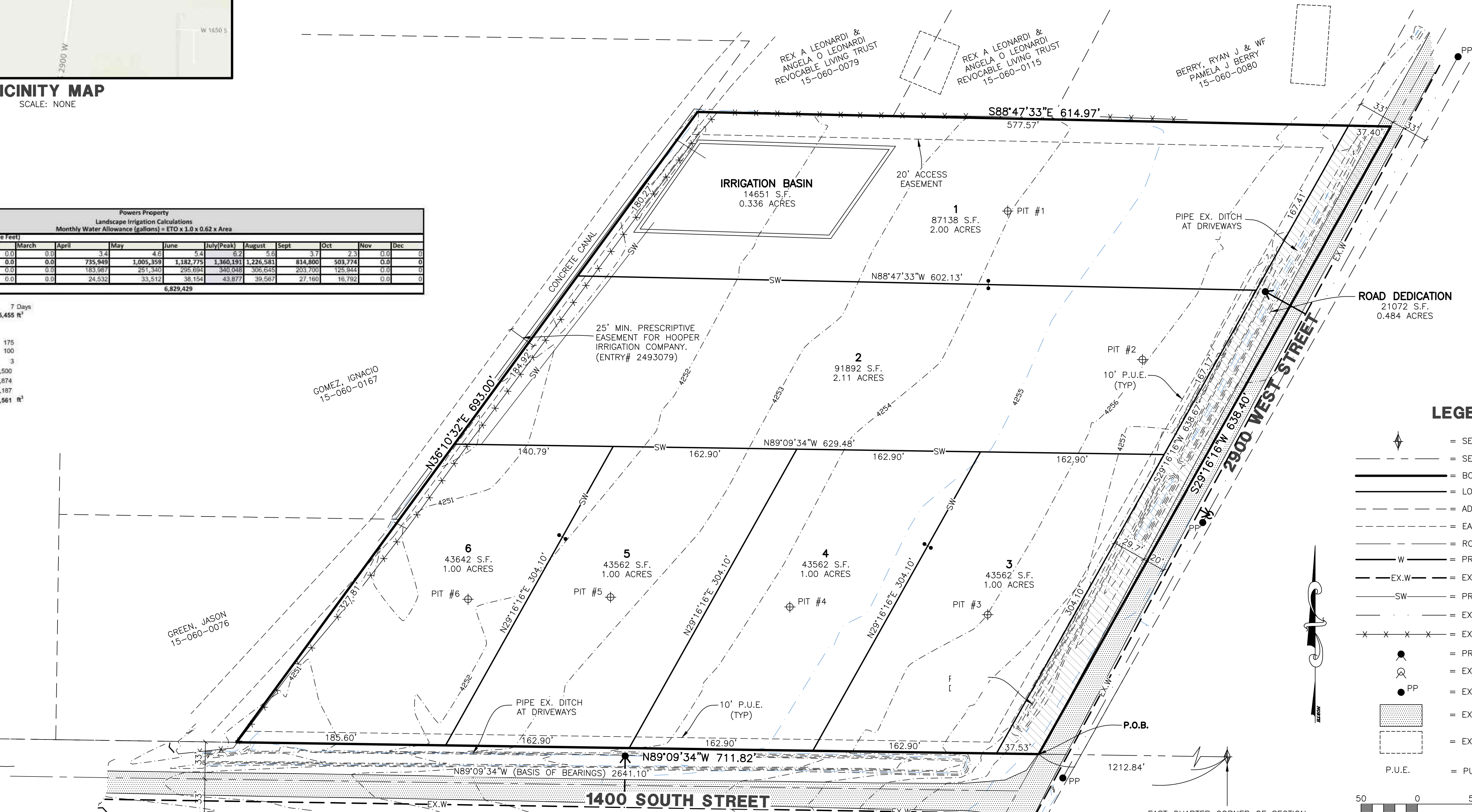
Powers Property												
Landscape Irrigation Calculations												
Monthly Water Allowance (gallons) = ETO x 1.0 x 0.62 x Area												
Month	Jan	Feb	March	April	May	June	July(Peak)	August	Sept	Oct	Nov	Dec
ETD	0.0	0.0	0.0	3.4	4.6	6.2	6.2	5.8	3.7	2.3	0.0	0
Gallons Monthly	0.0	0.0	0.0	735,949	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

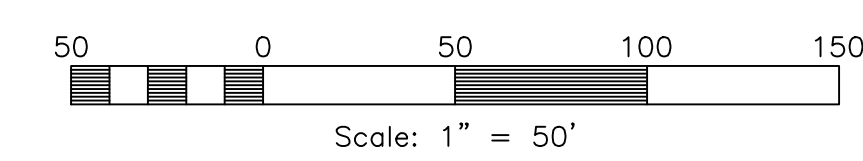
Length	175
Width	100
Depth	3
Top Area	17,500
Bottom Area	12,874
Average Area	15,187
Volume	45,561 ft ³

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



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 = 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



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

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TRA
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. Cove
Designer: E. Roche
Date: 7-15-21
Name: TCGAILEY SUBDIVISION
Number: 7713-01

Developer:
Jed Schenck
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