Reeve & Associates, Inc. - Solutions You Can Build O

AN EVALUATION OF THE SITE AND SOILS AT THE SITE USE CONDUCTED OCTOBER 15, 2015 & DECEMBER 9, 2015 AND REPORTED ON WASTEWATER SITE AND SOILS EVALUATION #14264

EXPLORATION PIT #1 (UTM ZONE 12 NAD 83 432342E 4565247N) 0-12" CLAY LOAM, GRANULAR STRUCTURE (APPLICATION RATE 0.4 GPD/SQ. FT.(E)) 12-33" SILTY CLAY LOAM, PRISMATIC STRUCTURE (APPLICATION RATE 0.35 GPD/SQ. FT.(E)) MOST RESTRICTIVE LAYER

33-52" SILTY CLAY LOAM, BLOCKY STRUCTURE (APPLICATION RATE 0.4 GPD/SQ.FT.(E)) 52-114" GRAVELLY COARSE SANDY CLAY LOAM. MASSIVE STRUCTURE (APPLICATION RATE 0.4 GPD/S.FT.(E))

EXPLORATION PIT #2 (UTM ZONE 12 NAD 83 432351E 4564976N) 0-17" LOAM, GRANULAR STRUCTURE (APPLICATION RATE 0.5 GPD/SQ FT) 17-75" SILTY CLAY LOAM, BLOCKY STRUCTURE (APPLICATION RATE 0.4 GPD/SQ.FT.(E)) MOST 75-120" COARSE SANDY CLAY LOAM, MASSIVE STRUCTURE (APPLICATION RATE 0.4 GPD/SQ FT(E))

EXPLORATION PIT #3 (UTM ZONE 12 NAD 83 432522E 4564934N) 0-12" SILTY LOAM, GRANULAR STRUCTURE (APPLICATION RATE 0.45 GPD/SQ. FT.) 12-28" SILTY CLAY LOAM, BLOCKY STRUCTURE (APPLICATION RATE 0.35 GPD/SQ. FT.(E)) 28-78" CLAY LOAM, BLOCKY STRUCTURE (APPLICATION RATE 0.4 GPD/SQ. FT.(E)) INTER-BEDDED SOME REWORKED SEDIMENTARY CAST.

78-120" TRANSITION FROM CLAY LOAM TO FRAGMENTED HORIZONTAL BEDDED SEDIMENTARY ROCK.

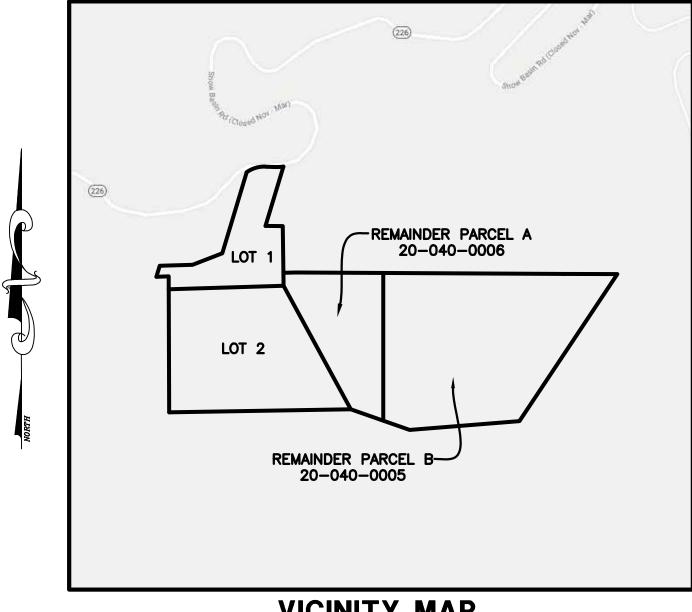
EXPLORATION PIT #4 (UTM ZONE 12 NAD 83 432243E 4565151N) 0-53" CLAY LOAM (SOFT), GRANULAR STRUCTURE 0-6", MASSIVE STRUCTURE 6-53" 53-60" SILTY CLAY LOAM, MASSIVE STRUCTURE

AN EVALUATION OF THE SITE AND SOILS AT THE SITE USE CONDUCTED NOVEMBER 8, 2018 AND REPORTED ON WASTEWATER SITE AND SOILS EVALUATION #14682

EXPLORATION PIT #1A (UTM ZONE 12T, NAD 83, 432307E 4564996N) 0-16" LOAM, GRANULAR, HIGH ORGANIC CONTENT, NO MOTTLING 16-38" LOAM (NEAR CLAY LOAM), WELL DEFINED BLOCKY STRUCTURE, NO MOTTLING 38-44" CLAY LOAM, BLOCKY STRUCTURE, SOME MOTTLING 44-66" SANDY CLAY LOAM, MASSIVE STRUCTURE, MOTTLING NOT DETERMINED, MATRIX IS WHITE, LAYER MAY NOT BE HORIZONTALLY CONTIGUOUS AND IS LIKELY FOUND IN ISOLATED POCKETS 66-77" CLAY LOAM, MASSIVE STRUCTURE

GEOLOGICAL NOTES

- 1. GEOTECHNICAL AND GEOLOGIC HAZARD INVESTIGATION OF PARCEL #20-035-0039 FOR MATTHEW TOLIVER (IGES# 02489-001) PREPARED ON JULY 19, 2017
- 2. FULL GEOTECHNICAL AND GEOLOGIC REPORTS AVAILABLE AT THE WEBER COUNTY PLANNING
- 3. BOTH ANDERSON, ET AL. (1994) AND CHRISTENSEN AND SHAW (2008C) DESIGNATE THE AREA ON WHICH THE PROPERTY IS LÓCATED AS BEING IN A VERY LOW POTENTIAL LIQUEFACTION AREA. ADDITIONALLY, SHALLOW GROUNDWATER WAS NOT ENCOUNTERED IN THE TRENCHES, BEDROCK WAS FOUND TO BE SHALLOW, AND GRANULAR SOILS WERE LARGELY ABSENT. GIVEN THIS DATA. THE RISK ASSOCIATED WITH EARTHQUAKE-INDUCED LIQUEFACTION IS CONSIDERED TO BE LOW.
- 4. NO RESTRICTIONS NOTED ON REPORT
- 5. OLD SNOW BASIN RANCH IS LOCATED WITHIN A NATURAL HAZARDS AREA. A GEOLOGIC RECONNAISSANCE HAS BEEN PERFORMED BY GCS GEOSCIENCE DATED SEPTEMBER 12TH, 2016. THE FINAL REPORT IS AVAILABLE FOR PUBLIC REVIEW AT THE WEBER COUNTY PLANNING DIVISION OFFICE.
- 6. NOTICE TO PURCHASERS OF RESTRICTED "R" LOTS." LOTS DESIGNATED BY THE LETTER "R" AFTER THE LOT NUMBER ARE RESTRICTED LOTS AND BUILDING DEVELOPMENT ON SUCH LOTS IS SUBJECT TO THE PROVISIONS OF TITLE 108, CHAPTER 14: HILLSIDE DEVELOPMENT REVIEW PROCEDURES AND STANDARDS. APPROVAL OF A RESTRICTED LOT DOES NOT GUARANTEE THE LOT IS BUILDABLE. A HILLSIDE REVIEW AS OUTLINED IN THE HILLSIDE DEVELOPMENT REVIEW PROCEDURES AND STANDARDS CHAPTER OF THE LAND USE CODE SHALL BE DONE TO DETERMINE IF A LOT IS BUILDABLE.
- 7. THE GEOLOGIC RECONNAISSANCE RECOMMENDS THAT LOTS 1 AND 2 UNDERGO THE WEBER COUNTY HILLSIDE REVIEW PROCESS, WHICH WILL NEED TO BE COMPLETED PRIOR TO BUILDING PERMIT APPLICATION.



VICINITY MAP

NOTES

- 1. CONTOURS ARE SHOWN IN TWO FOOT INTERVAL
- 2. THERE WILL BE A FIRE PULL OUT EVERY 400 FT. ON THE ACCESS EASEMENT. (SEE SHEET 3)
- 3. 18' (TYP.) ACCESS EASEMENT (RIGHT-OF-WAY)
- 4. LOTS WILL HAVE ONSITE SEPTIC & WATER WELLS.
- 5. THE PROJECT IS ZONED F-5 UNLESS

OTHERWISE INDICATED

6. NO CROWN ON ROAD TO PROMOTE DRAINAGE DOWN SLOPE.

CURVE TABLE

#	RADIUS	ARC LENGTH	CHD LENGTH	TANGENT	CHD BEARING	DELTA
C1	292.24	194.57	191.00'	101.05	N72°53'55"E	38°08'52"
C2	361.16	72.90'	72.78'	36.58	N86°17'33"E	11°33'56"
C3	361.16	19.50'	19.50'	9.75'	N84°09'47"E	3°05'39"
C4	209.00' 56.81'		56.63'	28.58	S24°35'04"W	15°34'24"
C5	5 191.00' 77.89'		77.35'	39.49'	S20°41'20"W	23°21'53"
C6	C6 81.00' 70.96'		68.72'	37.94'	S16°05'30"E	50°11'48"
C7	187.21	91.79'	90.88'	46.84	S14°34'10"E	28°05'33"
C8	205.21	100.60'	99.59'	51.33	N14°34'33"W	28°05'11"
C9	81.00'	57.20'	56.02	29.85	N20°57'35"W	40°27'38"
C10	99.00'	86.73'	83.99'	46.37	N16°05'30"W	50°11'48"
C11	209.00	85.23'	84.64'	43.21	N20°41'20"E	23°21'53"
C12		51.92'	51.76'	26.12'	N24°35'04"E	15°34'24"
C13	200.00	54.36'	54.19'	27.35	S24°35'04"W	15°34'24"
C14	200.00	81.56'	80.99	41.35	S20°41'20"W	23°21'53"
C15	90.00'	78.85'	76.35'	42.16	S16°05'30"E	50°11'48"
C16		63.56'	62.24'	33.17	S20°57'35"E	40°27'38"
C17		96.19'	95.23'	49.08'	S14°34'19"E	28°05'16"
C18	361.16	13.28'	13.28	6.64'	S81°33'46"W	2°06'23"
C19	361.16	9.81'	9.81'	4.90'	S83°23'38"W	1°33'21"
C20	361.16	9.70'	9.70'	4.85	S84°56'28"W	1°32'18"
C21	21.50'	33.95'	30.53'	21.68'	S73°50'56"E	90°27'57"
C22	40.00'	188.82'	56.34'	39.68'	S16°09'04"W	270°27'57"

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE SECTION LINE BETWEEN THE SOUTHWEST CORNER AND THE SOUTH QUARTER CORNER OF SECTION 23, TOWNSHIP 6 NORTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY, SHOWN HEREON AS N88°14'12"E, BEARING IS UTAH STATE PLANE NORTH AS PER WEBER COUNTY SURVEY

NARRATIVE

THE PURPOSE OF THIS PLAT IS TO CREATE A TWO LOT SUBDIVISION. THE BOUNDARY WAS DETERMINED BY RETRACING AND MATCHING A PORTION OF A RECORD OF SURVEY PREPARED AND FILED BY MYSELF ON THIS LAND, FILED IN THE OFFICE OF THE WEBER COUNTY SURVEYOR AS FILE NO. 5455. ALL BOUNDARY CORNERS WERE SET WITH A 5/8" REBAR AND PLASTIC CAP STAMPED "REEVE & ASSOCIATES".

BOUNDARY DESCRIPTION

PART OF THE SOUTHWEST QUARTER OF SECTION 23, AND THE NORTH HALF OF SECTION 26, TOWNSHIP 6 NORTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN, U.S. SURVEY, MORE PARTICULARLY DESCRIBED AS FOLLOWS;

BEGINNING AT A POINT, SAID POINT BEING N88°14'12"E ALONG SAID LINE, 1376.96 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 23; THENCE N16°46'06"E 110.87 FEET; THENCE N88°14'12"E 318.58 FEET; THENCE N68°54'02"E 310.02 FEET; THENCE N16°46'06"E 819.88 FEET TO THE SOUTHERLY RIGHT OF WAY LINE OF OLD SNOW BASIN ROAD; THENCE ALONG SAID SOUTHERLY RIGHT OF WAY THE FOLLOWING THREE (3) COURSES: (1) ALONG A NON-TANGENT CURVE TURNING TO THE RIGHT WITH A RADIUS OF 292.24 FEET, AN ARC LENGTH OF 194.57 FEET, A DELTA ANGLE OF 38°08'52", A CHORD BEARING OF N72°53'55"E, A RADIAL BEARING OF \$36°10'31"E, AND A CHORD LENGTH OF 191.00 FEET; (2) \$88°05'03"E 102.72 FEET; AND (3) ALONG A NON-TANGENT CURVE TURNING TO THE LEFT WITH A RADIUS OF 361.16 FEET, AN ARC LENGTH OF 72.90 FEET, A DELTA ANGLE OF 11°33'56", A CHORD BEARING OF N86°17'33"E, A RADIAL BEARING OF NO2°04'31"E, AND A CHORD LENGTH OF 72.78 FEET; THENCE S16°50'08"W 602.06 FEET; THENCE S89°16'08"E 167.84 FEET; THENCE S00°43'46"E 578.67 FEET; THENCE S28°31'54"E 1367.01 FEET; THENCE S89°04'00"W 1763.96 FEET; THENCE N00°14'50"W 1320.38 FEET TO THE SECTION LINE; THENCE S88'14'12"W ALONG SAID SECTION LINE, 118.42 FEET TO THE POINT OF BEGINNING.

CONTAINING 2,411,908 SQUARE FEET OR 55.370 ACRES MORE OR LESS

DEVELOPER INFO.

DOUG DANCE 438 EAST 200 WEST SALT LAKE CITY, UT 84111

SURVEYOR'S CERTIFICATE

TREVOR J. HATCH, DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR IN THE STATE OF UTAH IN ACCORDANCE WITH TITLE 58, CHAPTER 22, PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS ACT; AND THAT I HAVE COMPLETED A SURVEY OF THE PROPERTY DESCRIBED ON THIS PLAT IN ACCORDANCE WITH SECTION 17-23-17 AND HAVE VERIFIED ALL MEASUREMENTS, AND HAVE PLACED MONUMENTS AS REPRESENTED ON THIS PLAT, AND THAT THIS PLAT OF <u>OLD SNOW BASIN RANCH</u> IN <u>WEBER COUNTY, UTAH</u>, UTAH, HAS BEEN DRAWN CORRECTLY TO THE DESIGNATED SCALE AND IS A TRUE AND CORRECT REPRESENTATION OF THE HEREIN DESCRIBED LANDS INCLUDED IN SAID SUBDIVISION, BASED UPON DATA COMPILED FROM RECORDS IN THE WEBER COUNTY RECORDER'S OFFICE AND FROM SAID SURVEY MADE BY ME ON THE GROUND, I FURTHER CERTIFY THAT THE REQUIREMENTS OF ALL APPLICABLE STATUTES AND ORDINANCES OF WEBER COUNTY, UTAH, CONCERNING ZONING REQUIREMENTS REGARDING LOT MEASUREMENTS HAVE BEEN COMPLIED

SIGNED THIS _____, DAY OF _____, 20___.

9031945 UTAH LICENSE NUMBER

STATE OF UTAH



OWNERS DEDICATION AND CERTIFICATION WE THE UNDERSIGNED OWNERS OF THE HEREIN DESCRIBED TRACT OF LAND, DO HEREBY SET

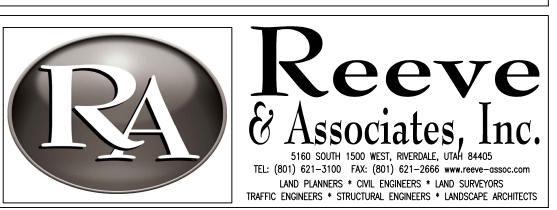
APART AND SUBDIVIDE THE SAME INTO A LOTS AS SHOWN ON THE PLAT AND NAME SAID TRACT <u>OLD SNOW BASIN RANCH</u> AND DO HEREBY DEDICATE THE AREA SHOWN HEREON AS "ACCESS EASEMENT" TO THE OWNERS OF LOTS IN THIS AND FUTURE PHASES OF THIS SUBDIVISION, THEIR HEIRS AND ASSIGNS, FOR ACCESS PURPOSES TO THEIR RESPECTIVE LOTS AND DO ALSO GRANT SAID AREA AS A PUBLIC UTILITY EASEMENT TO BE USED FOR THE INSTALLATION AND MAINTENANCE OF PUBLIC UTILITIES AND ALSO TO DEDICATE AND RESERVE UNTO THEMSELVES, THEIR HEIRS, THEIR GRANTEES AND ASSIGNS, A RIGHT-OF-WAY TO BE USED IN COMMON WITH ALL OTHERS WITHIN SAID SUBDIVISION (AND THOSE ADJOINING SUBDIVISIONS THAT MAY BE SUBDIVIDED BY THE UNDERSIGNED OWNERS, THEIR SUCCESSORS, OR ASSIGNS) ON, OVER AND ACROSS ALL THOSE PORTIONS OR PARTS OF SAID TRACT OF LAND DESIGNATED ON SAID PLAT AS PRIVATE STREETS (PRIVATE RIGHTS-OF-WAY) AS ACCESS TO THE INDIVIDUAL LOTS, TO BE MAINTAINED BY A LOT (UNIT) OWNERS' ASSOCIATION WHOSE MEMBERSHIP CONSISTS OF SAID OWNERS, THEIR GRANTEES, SUCCESSORS, OR ASSIGNS AND ALSO TO GRANT AND DEDICATE A PERPETUAL RIGHT AND EASEMENT OVER, UPON AND UNDER THE LANDS DESIGNATED HEREOF AS PUBLIC UTILITY, STORM WATER DETENTION PONDS, DRAINAGE EASEMENTS AND CANAL MAINTENANCE EASEMENT, THE SAME TO BE USED FOR THE INSTALLATION MAINTENANCE AND OPERATION OF PUBLIC UTILITY SERVICE LINES, STORM DRAINAGE FACILITIES, IRRIGATION CANALS OR FOR THE PERPETUAL PRESERVATION OF WATER CHANNELS IN THEIR NATURAL STATE WHICHEVER IS APPLICABLE AS MAY BE AUTHORIZED BY THE GOVERNING AUTHORITY, WITH NO BUILDINGS OR STRUCTURES BEING ERECTED WITHIN SUCH EASEMENTS

SIGNED	THIS	DAY OF	,	20	
					•

ACKNOWLEDGMENT

DUNTY OF)	
N THE DAY OFEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, _ GNER(S) OF THE ABOVE OWNER'S DEDICATION AN WORN, DID ACKNOWLEDGE TO ME DR THE PURPOSES THEREIN MENTIONED.	(AND) ID CERTIFICATION, WHO BEING BY ME DULY
COMMISSION EXPIRES	NOTARY PUBLIC
TATE OF UTAH)ss. ACKNOWLED DUNTY OF)	OGMENT

ON THE ______ DAY OF ______, 20___, PERSONALLY APPEARED BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, ______ (AND) _____ SIGNER(S) OF THE ABOVE OWNER'S DEDICATION AND CERTIFICATION, WHO BEING BY ME DULY SWORN, DID ACKNOWLEDGE TO ME ______ SIGNED IT FREELY, VOLUNTARILY, AND FOR THE PURPOSES THEREIN MENTIONED. COMMISSION EXPIRES NOTARY PUBLIC



DATE

	l	Surveyor:					
		T. HATCH					
		Designer:D. CAVE					
,		Begin Date: 4-2-2018					
)		Name: OLD SNOW BASIN ROAD					
		Number: 6640-01					

PROJECT INFO.

_	I OLD SINON DASIN NOAL
m	Number: 6640-01
CTS	Revision:
	Checked:

WEBER COUNTY

RECORDER

_____ In Book _____ Of The

____ Filed For Record And

Entry No._____ Fee Paid

Recorded, _____ At

Official Records, Page _____

WEBER-MORGAN HEALTH DEPARTMENT

HEREBY CERTIFY THAT THE SOILS, PERCOLATION RATES, AND SITE CONDITIONS FOR THIS SUBDIVISION HAVE BEEN INVESTIGATE BY THIS OFFICE AND ARE APPROVED FOR ON-SITE WASTE WATER DISPOSAL SYSTEMS

THIS _____, 20__.

DIRECTOR, WEBER-MORGAN HEALTH DEPARTMENT

OGDEN VALLEY PLANNING COMMISSION

THIS IS TO CERTIFY THAT THIS SUBDIVISION PLAT WAS DULY APPROVED BY THE OGDEN VALLEY PLANNING COMMISSION ON

THIS _____, DAY OF _____, 20__.

CHAIRMAN

WEBER COUNTY SURVEYOR

I HEREBY CERTIFY THAT THE WEBER COUNTY SURVEYOR'S OFFICE HAS REVIEWED THIS PLAT AND ALL CONDITIONS FOR APPROVAL BY THIS OFFICE HAVE BEEN SATISFIED. THE APPROVAL OF THIS PLAT BY THE WEBER COUNTY SURVEYOR DOES NOT RELIEVE THE THE LICENSED LAND SURVEYOR WHO EXECUTED THIS PLAT FROM THE RESPONSIBILITIES AND/OR LIABILITIES ASSOCIATED THEREWITH

WEBER COUNTY SURVEYOR

THIS _____, 20___.

WEBER COUNTY COMMISSION

THIS IS TO CERTIFY THAT THIS SUBDIVISION PLAT, THE DEDICATION OF STREETS AND OTHER PUBLIC WAYS AND FINANCIAL GUARANTEE OF PUBLIC IMPROVEMENTS ASSOCIATED WITH THIS SUBDIVISION, THEREON ARE HEREBY APPROVED AND ACCEPTED BY THE COMMISSIONERS OF WEBER COUNTY, UTAH.

THIS _____, 20___.

CHAIRMAN, WEBER COUNTY COMMISSION ATTEST TITLE

WEBER COUNTY ENGINEER

I HEREBY CERTIFY THAT THE REQUIRED PUBLIC IMPROVEMENTS STANDARDS AND DRAWING FOR THIS SUBDIVISION CONFORM WITH COUNTY STANDARDS AND THE AMOUNT OF THE FINANCIAL GUARANTEE IS SUFFICIENT FOR THE INSTALLATION OF THESE IMPROVEMENTS.

THIS _____, 20___.

WEBER COUNTY ENGINEER

WEBER COUNTY ATTORNEY

HAVE EXAMINED THE FINANCIAL GUARANTEE AND OTHER DOCUMENTS ASSOCIATED WITH THIS SUBDIVISION AND IN MY OPINION THEY CONFORM WITH THE COUNTY ORDINANCE APPLICABLE THERETO AND NOW IN FORCE AND AFFECT.

	THIS	 DAY	OF	,	20
ı					

COUNTY ATTORNEY

Weber County Recorder

Recorded For:

_ Deputy.

