



Vicinity Map
SCALE: NONE

The existing location, widths, and other dimensions of all existing or platted buildings and structures within and immediately adjacent (within 30') to the tract of land to be subdivided. WCO 106-1-5(a)(6) DW

The existing location, widths, and other dimensions of all existing or platted fence lines or other lines of occupation within or immediately adjacent to the tract to be subdivided. WCO 106-1-5(a)(6) DW

Legend

- ◆ = SECTION CORNER
- = BOUNDARY LINE
- - - = LOT LINE
- - - = ADJOINING PROPERTY
- - - = EASEMENTS
- - - = SECTION TIE LINE
- - - = PROPOSED SANITARY SEWER LINE
- - - = EXISTING SANITARY SEWER LINE
- - - = PROPOSED IRRIGATION WATER LINE
- - - = EXISTING IRRIGATION WATER LINE (SIZE VARIES)
- - - = PROPOSED CULINARY WATER LINE (SIZE VARIES)
- - - = EXISTING CULINARY WATER LINE
- - - = PROPOSED STORM DRAIN (SIZE VARIES)
- - - = EXISTING STORM DRAIN
- ✕ = EXISTING FENCE LINE
- = PROPOSED FIRE HYDRANT
- = PROPOSED SANITARY SEWER MANHOLE
- = EXISTING SANITARY SEWER/STORM DRAIN MANHOLE
- = PROPOSED STORM DRAIN MANHOLE
- = PROPOSED SINGLE GRATE CATCH BASIN
- = EXISTING CATCH BASIN
- = AIR-VAC ASSEMBLY
- P.U.E. = PUBLIC UTILITY EASEMENT
- FH = FIRE HYDRANT
- ▭ = EXISTING STRUCTURE
- ▨ = EXISTING BASIN
- ▩ = EXISTING PAVEMENT

Boundary Description

PART OF THE WEST HALF OF SECTION 23, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE & MERIDIAN, U.S. SURVEY, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT, SAID POINT BEING N88°58'33"W 1008.99 FEET AND N01°01'27"E 140.47 FEET FROM THE WEST 1/4 CORNER OF SAID SECTION 23 AND RUNNING THENCE N35°18'41"E 163.07 FEET; THENCE S43°14'06"E 32.79 FEET; THENCE N78°12'07"E 78.92 FEET; THENCE N58°27'01"E 37.42 FEET; THENCE N19°28'05"W 2.75 FEET; THENCE N70°31'55"E 53.08 FEET; THENCE N12°14'08"W 3.62 FEET; THENCE N77°45'19"E 60.00 FEET; THENCE N12°14'43"W 15.02 FEET; THENCE N77°45'17"E 125.00 FEET; THENCE S12°13'58"E 156.73 FEET; THENCE S77°44'57"W 38.07 FEET; THENCE S12°15'03"E 221.85 FEET; THENCE N89°41'07"W 52.36 FEET; THENCE N67°14'45"W 134.21 FEET; THENCE S35°18'26"W 100.00 FEET; THENCE N54°41'37"W 319.81 FEET TO THE POINT OF BEGINNING.

CONTAINING 122711 SQUARE FEET OR 2.799 ACRES MORE OR LESS

General Location of the Subdivision in bold letters at the top of the sheet. (e.g. City, County, State) WCO 106-1-5(a)(1); WCO 106-1-8(c)(1)a; UCA 17-23-17(3)(a) DW
 The Township, range, and quarter section of the Subdivision in bold letters at the top of the sheet. WCO 106-1-5(a)(1); WCO 106-1-8(c)(1)a.; UCA 17-23-17(3)(a) DW
 Date of the Survey noted in the heading (Meaning the date, year and month the survey markers were placed). WCO 106-1-5(a)(2); WCO 106-1-8(c)(1)c.; UCA 17-23-17(3)(a) DW

Curve Table

#	RADIUS	ARC LENGTH	CHD. LENGTH	TANGENT	CHD. BEARING	DELTA
C1	180.00	70.79'	70.34'	35.86'	N46°34'24"E	22°32'04"
C2	180.00	39.85'	39.77'	20.01'	S64°11'00"W	17°21'08"
C3	55.00	35.02'	34.43'	18.13'	N88°46'07"E	3°29'05"
C4	55.00	58.67'	55.92'	32.47'	S42°25'53"E	61°06'56"
C5	55.00	58.67'	55.92'	32.47'	S18°41'03"W	61°06'56"
C6	55.00	83.40'	75.64'	52.09'	S87°18'48"E	86°43'07"
C7	30.00	35.85'	33.75'	20.41'	S78°06'22"E	68°28'00"
C8	120.00	5.79'	5.79'	2.90'	S66°16'40"W	2°45'55"
C9	120.00	61.93'	61.28'	31.69'	N52°08'03"E	28°35'50"
C10	150.00	92.21'	90.76'	47.61'	N52°54'59"E	35°13'12"

The existing location, widths, and other dimensions of all existing or platted easements within and immediately adjacent (within 30') to the tract of land to be subdivided. WCO 106-1-5(a) (6) DW

Storm Runoff Calculations
Jeremy Jaggi Project

The following runoff calculations are based on the Rainfall-Intensity-Duration-Frequency Curve for the Harrisville, UT area taken from the NOAA Atlas 14 database, using a 100 year storm for detention. Storm water runoff has been calculated for a fully developed site.

The calculations are as follows:

Drainage Area: Total Area = 2.82 acre or 122,711 ft²

Runoff Coefficients	Area	C
Paved Area	30,767	C = 0.9
Landscaped Area	84,664	C = 0.2
Roof	27,000	C = 0.9
Weighted Runoff Coefficient		C = 0.53

Time of Concentration: Using Storm Water Run-Off "Overland Flow Time" To from Project Site = 30 minutes

Volume of Run-off for 100-year Storm Event:

time (min)	time (sec)	i (in/hr)	Q (cfs)	Vol in (cf)	Vol out (cf)	Difference (cf)
0	0	0.00	0.00	0.00	0.00	0.00
5	300	7.98	11.02	3308.78	169.02	3137.74
10	600	5.63	8.40	5038.45	338.05	4700.40
15	900	4.05	6.94	6242.12	507.07	5735.05
30	1800	3.13	4.67	8403.37	1014.14	7389.23
60	3600	1.94	2.89	10416.98	2028.28	8388.68
120	7200	1.13	1.69	13925.23	4056.56	8078.66
180	10800	0.78	1.16	12484.25	6084.84	6399.40
360	21600	0.44	0.65	14014.87	12169.69	1844.89
720	43200	0.27	0.41	17560.71	24339.37	-6748.67
1440	86400	0.16	0.24	20361.40	48678.75	-28317.34

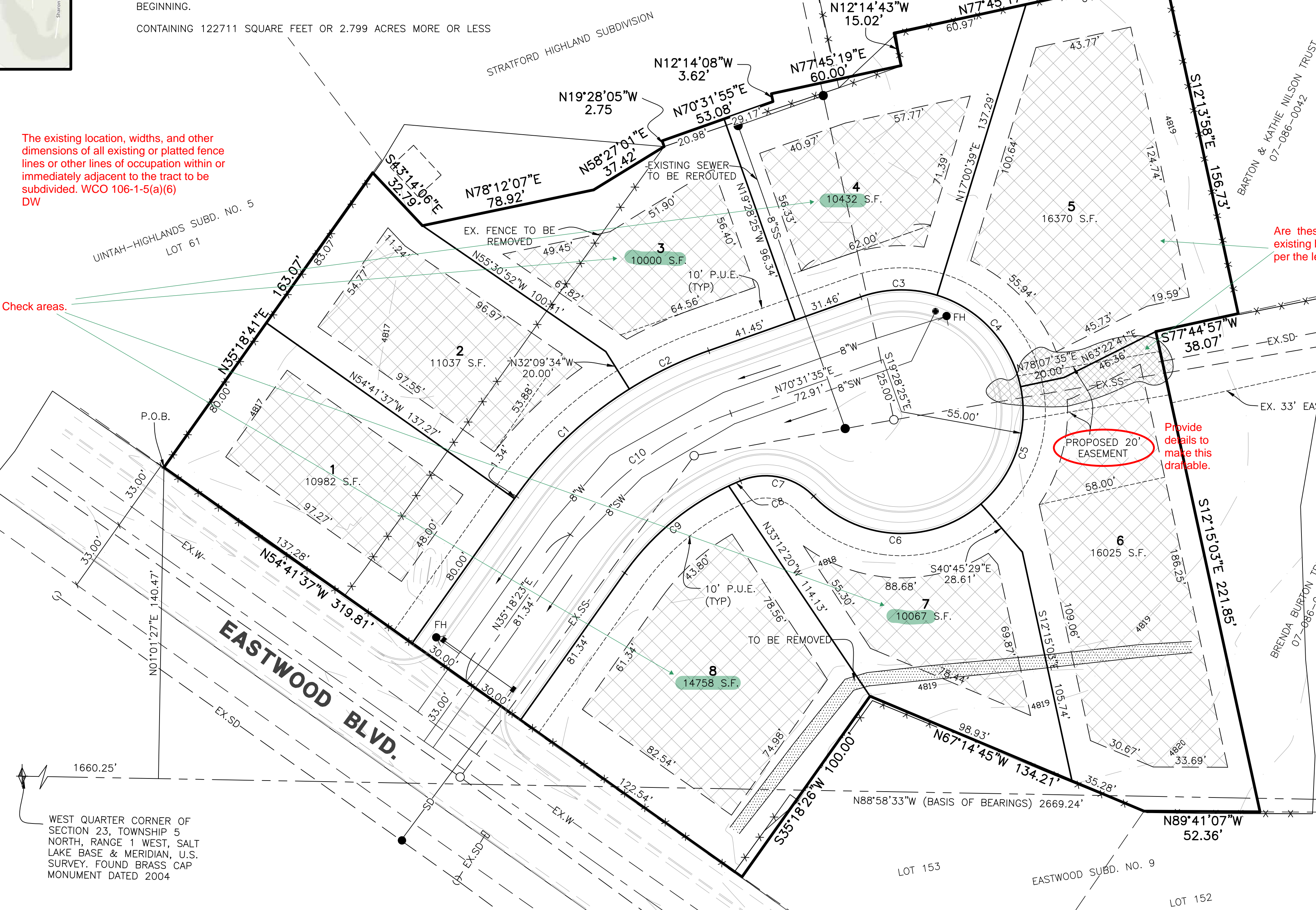
Total Required Detention Volume = 8,389 ft³

Orifice Sizing:

Given:	Q	0.56	cfs
	2g	64.4	in ²
	H	3.75	ft
	Cd	0.62	
	R	= SQRT(Q/(0.785*4*(H ^{0.5})*C _d)) for circular openings	
	R	0.14	feet
	D	1.64	inches
	D	3.28	inches
	A	8.42	inches ²

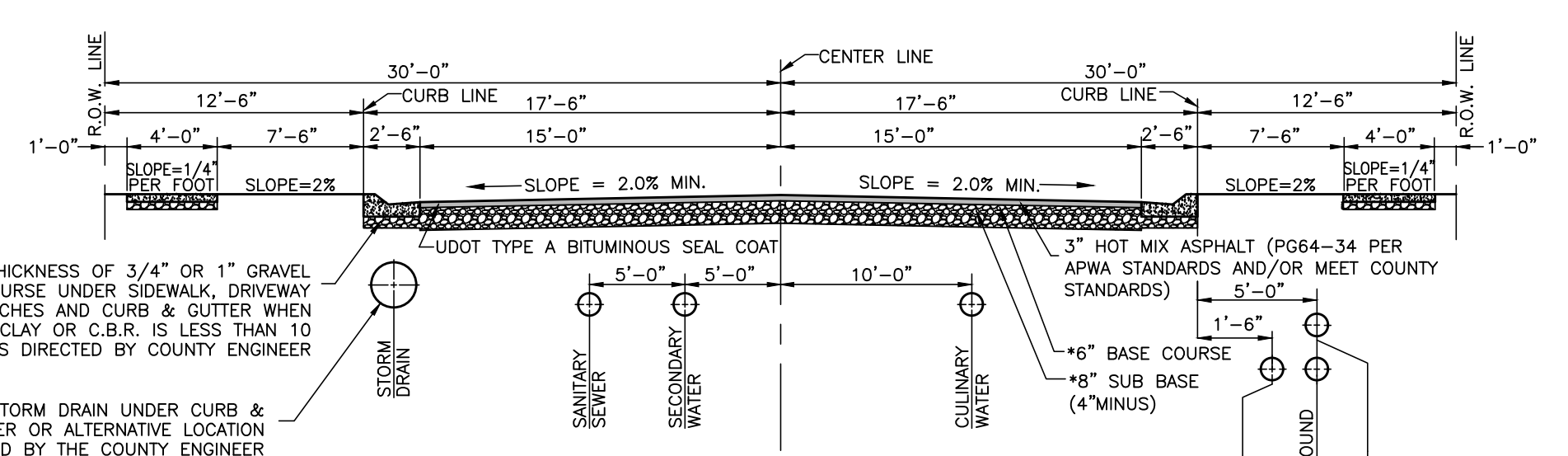
SUMMARY: The required storage volume is 8,389 cubic feet
 Orifice size is 3.28 inches

Check preliminary title report to ensure all easements, boundary line agreements, or rights of way (subject to or together with) that are listed in the report are shown and/or identified on the plat. WCO 106-1-5(a)(13); WCO 106-1-8(c)(1)n No title report provided



WEST QUARTER CORNER OF SECTION 23, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE & MERIDIAN, U.S. SURVEY. FOUND BRASS CAP MONUMENT DATED 2004

CENTER OF SECTION 23, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE & MERIDIAN, U.S. SURVEY. FOUND BRASS CAP MONUMENT DATED 1969



Street Section (60' R.O.W.)
SCALE: NONE

*VERIFY LOCATION WITH PHONE, GAS AND POWER COMPANIES.

The location, widths, and other dimensions of proposed public streets, private streets, private access rights of way, or alleys with proper labeling of spaces to be dedicated to public or designated as private. WCO 106-1-5(a)(7)

Subdivision Name in bold letters at the top of the sheet. WCO 106-1-5(a)(1); WCO 106-1-8(c)(1)a DW

Uintah View Estates

Weber County, Utah

Developer:

Jeremy Jaggi
4287 Harrison Blvd.
#135
Ogden, UT. 84403
(801) 805-559-0197

Reeve & Associates, Inc.
5160 S. 1500 W. RIVERDALE, UTAH 84405
TEL: (801) 805-5590 FAX: (801) 805-5596 WWW.REEVE-ASSOC.COM
LAND PLANNERS • CIVIL ENGINEERS • LAND SURVEYORS

REVISIONS	DESCRIPTION	DATE

Uintah View Estates
PART OF THE WEST HALF OF SECTION 23, T5N., R. 1W., S11B & M., U.S. SURVEY
WEBER COUNTY, UTAH

Preliminary Design

Project Info.
 Engineer: N. Reeve
 Designer: C. Cove
 Begin Date: 9-26-18
 Name: UINTAH VIEW ESTATES
 Number: 7075-01

Sheet	1
1	Sheets