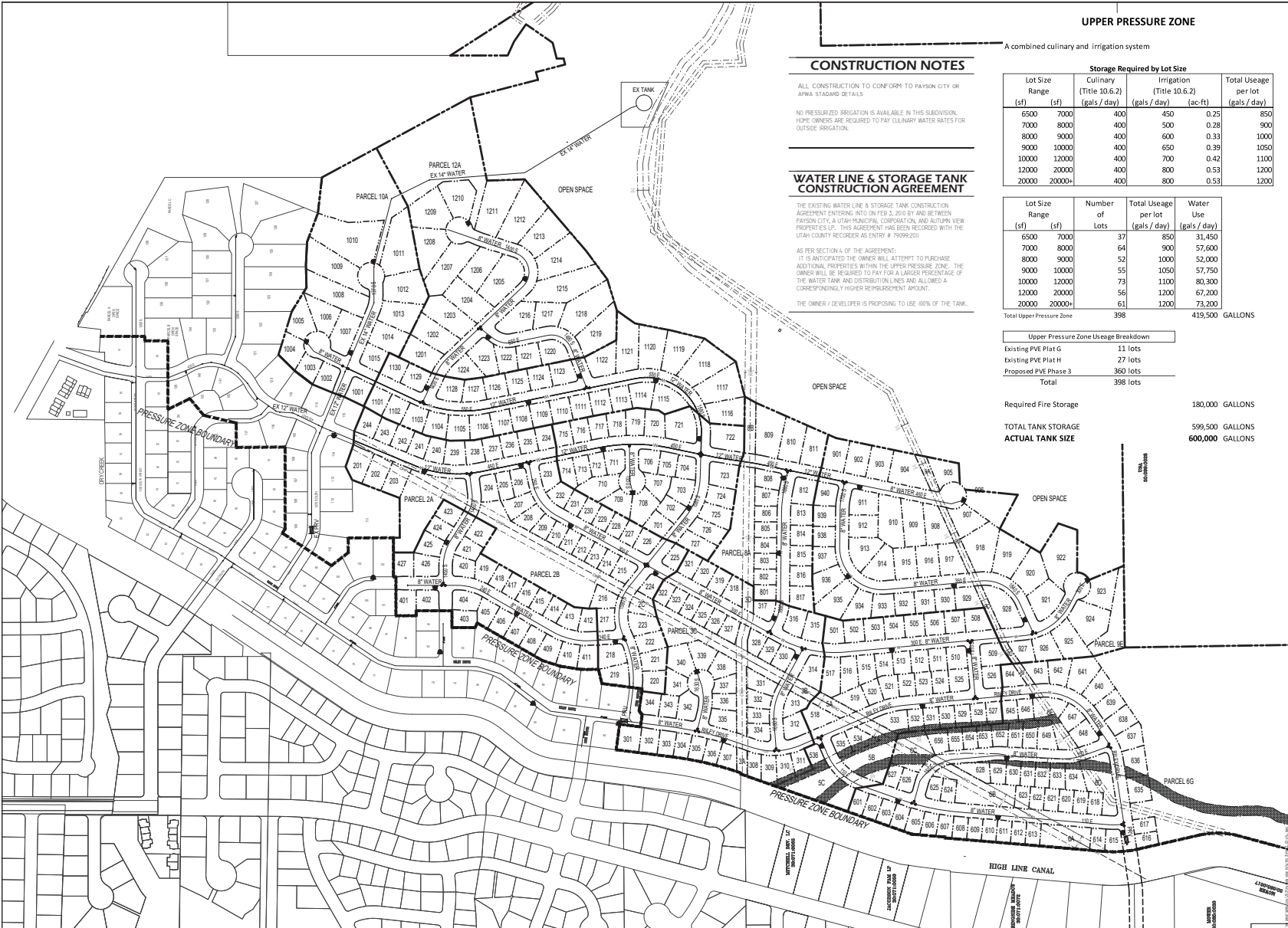




CONSTRUCTION NOTES

ALL CONSTRUCTION TO CONFORM TO PAYSON CITY OR APWA STANDARD DETAILS.

NO PRESSURIZED IRRIGATION IS AVAILABLE IN THIS SUBDIVISION. HOME OWNERS ARE REQUIRED TO PAY CULINARY WATER RATES FOR OUTSIDE IRRIGATION.

WATER LINE & STORAGE TANK CONSTRUCTION AGREEMENT

THE EXISTING WATER LINE & STORAGE TANK CONSTRUCTION AGREEMENT ENTERING INTO ON FEB. 3, 2010 BY AND BETWEEN PAYSON CITY, A UTAH MUNICIPAL CORPORATION, AND AUTOPIN VIEW PROPERTIES LP. THIS AGREEMENT HAS BEEN RECORDED WITH THE UTAH COUNTY RECORDER AS ENTRY # 79099203.

AS PER SECTION 4 OF THE AGREEMENT:

IT IS ANTICIPATED THE OWNER WILL ATTEMPT TO PURCHASE ADDITIONAL PROPERTIES WITHIN THE UPPER PRESSURE ZONE. THE OWNER WILL BE REQUIRED TO PAY FOR A LARGER PERCENTAGE OF THE WATER TANK AND DISTRIBUTION LINES AND ALLOWED A CORRESPONDINGLY HIGHER REIMBURSEMENT AMOUNT.

THE OWNER / DEVELOPER IS PROPOSING TO USE 100% OF THE TANK.

UPPER PRESSURE ZONE

A combined culinary and irrigation system

Storage Required by Lot Size		Culinary (Title 10.6.2)		Irrigation (Title 10.6.2)		Total Usage per lot (gals / day)
Lot Size Range (sf)	(sf)	(gals / day)	(ac-ft)	(gals / day)	(ac-ft)	
6500	7000	400	0.25	450	0.28	850
7000	8000	400	0.28	500	0.33	900
8000	9000	400	0.33	600	0.39	1000
9000	10000	400	0.39	650	0.42	1050
10000	12000	400	0.42	700	0.53	1100
12000	20000	400	0.53	800	0.53	1200
20000	20000+	400	0.53	800	0.53	1200

Lot Size Range (sf)	Number of Lots	Total Usage per lot (gals / day)	Water Use (gals / day)
6500 7000	37	850	31,450
7000 8000	64	900	57,600
8000 9000	52	1000	52,000
9000 10000	55	1050	57,750
10000 12000	73	1100	80,300
12000 20000	56	1200	67,200
20000 20000+	61	1200	73,200

Total Upper Pressure Zone 398 419,500 GALLONS

Upper Pressure Zone Usage Breakdown

Existing PVE Plat G	11 lots
Existing PVE Plat H	27 lots
Proposed PVE Phase 3	360 lots
Total	398 lots

Required Fire Storage 180,000 GALLONS

TOTAL TANK STORAGE 599,500 GALLONS

ACTUAL TANK SIZE 600,000 GALLONS

DEVELOPMENT

PAYSON VIEW ESTATES PHASE 3

DEVELOPER

PATTERSON HOMES
www.phutah.com

11058 N. Highland Blvd Suite 100
Highland, UT 84003
(801) 642-9119

0 100 200 400 600

SCALE: 1"= 200'

BERG
CIVIL ENGINEERING

1018 N. Deer Creek Lane
Alpine, UT 84004
office (801) 492-1277
cell (801) 616-1077

REV	DATE	DESCRIPTION	SEAL
1			
2			
3			
4			
5			
6			

ACTION DATE

PRELIM 4/20/2022

PROJECT

PAYSON VIEW ESTATES PHASE 3

DESCRIPTION

PRELIMINARY PLANS

SHEET NAME	SHEET NUMBER
WATER C13	



CONSTRUCTION NOTES

ALL CONSTRUCTION TO CONFORM TO PAYSON CITY STANDARDS AND THE NESC.

TRENCHING TWO FEET (2') BEHIND THE SIDEWALK AND FOUR FEET (4') TO THE TOP OF CONDUIT FOR PRIMARY FROM FINAL GRADE.

SURVEY CONTROL

SITE BENCHMARK
EAST QUARTER CORNER OF SEC 20, T19S, R2E, S38M
B.M. ELEVATION = 4536.30

BASES OF BEARING
N 89°55'17"E BETWEEN THE NORTHWEST AND NORTH QUARTER CORNERS OF SECTION 20, T19S, R2E, S38M

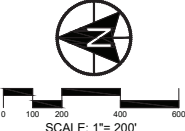
DEVELOPMENT

**PAYSON
VIEW
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**BERG
ENGINEERING**

1018 N. Deer Creek Lane
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office (801) 492-1277
cell (801) 616-1677

REVISIONS		SEAL
NO.	DATE DESCRIPTION	
1		
2		
3		
4		
5		
6		

ACTION	DATE
PRELIM	4/20/2022

PROJECT

**PAYSON VIEW
ESTATES
PHASE 3**

DESCRIPTION

**PRELIMINARY
PLANS**

SHEET NAME	SHEET NUMBER
POWER	C15