## HARVEST VALLEY COURT P.U.D. – PRELIMINARY PLAT 43 NORTH 300 EAST

### CITY COUNCIL MEETING

#### **AUGUST 4, 2022**

Summary: David Madsen of Terra Alta Ventures is seeking City Council approval for the preliminary plat for a 55+ senior community. This planned unit development will have 28 patio home units along private roads and is situated on 3.75 acres.

ZONING: R-2 Residential (P.U.D.)

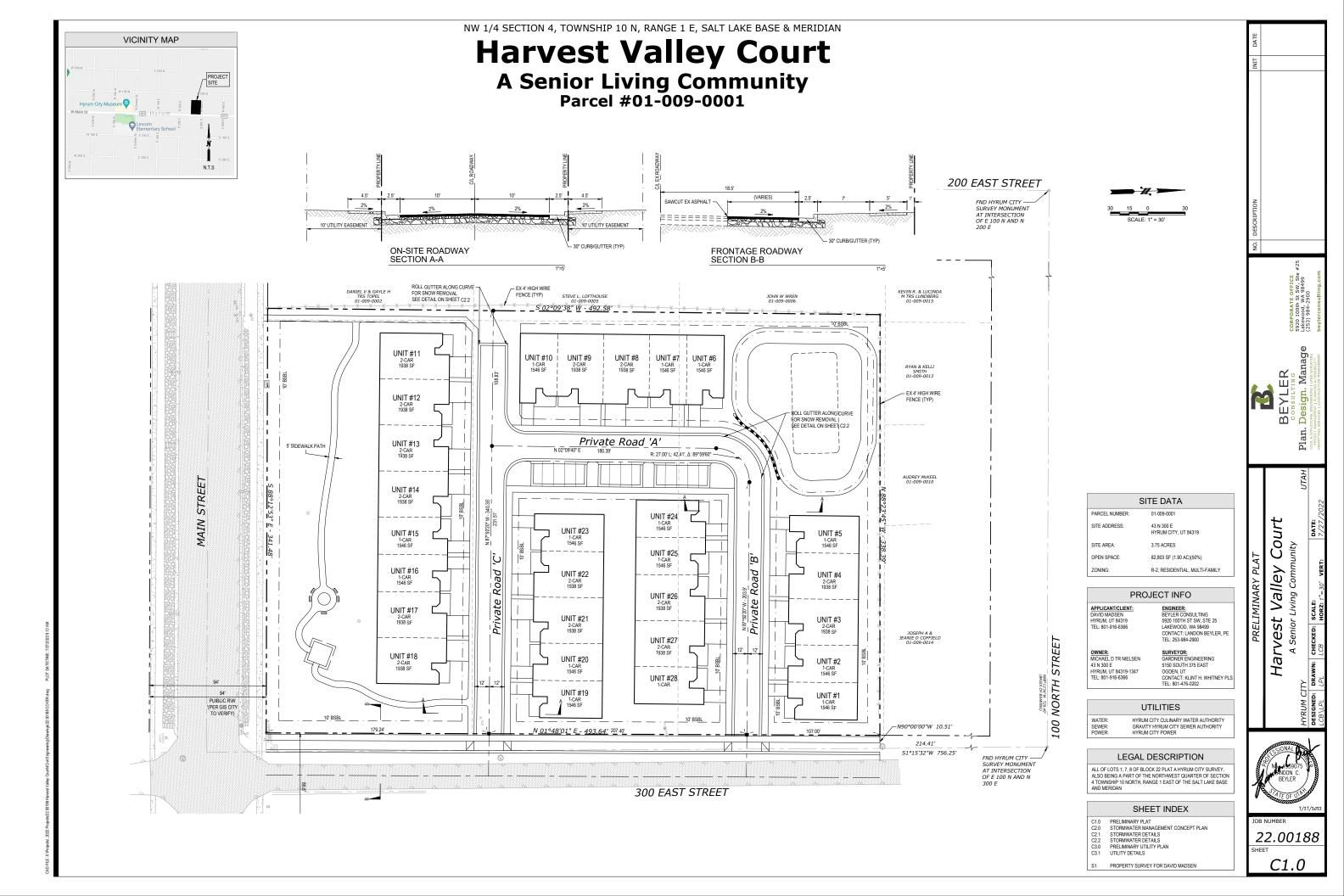
#### **UTILITIES**:

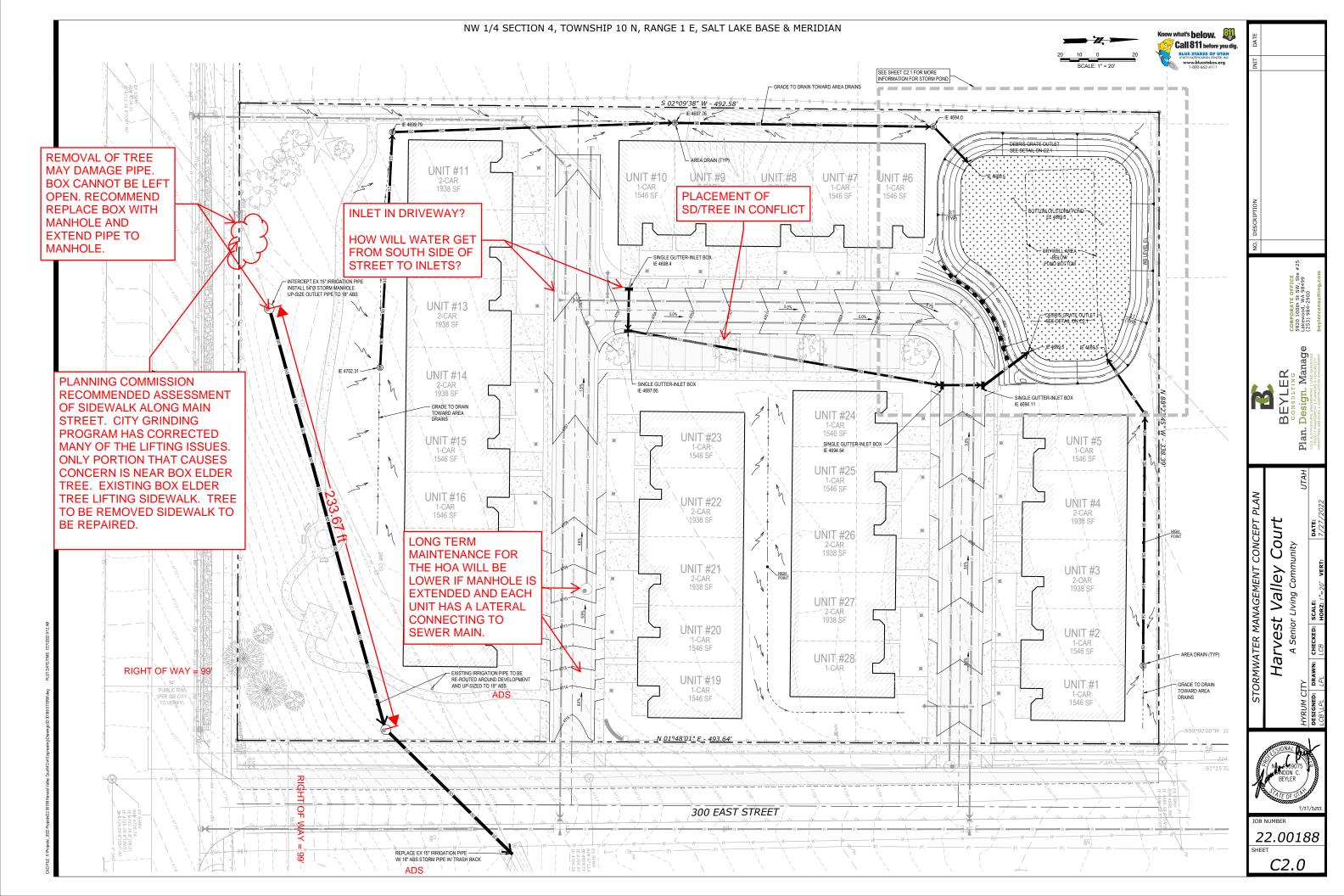
Power: Developer to provide Culinary: Developer to provide Sewer: Developer to provide Irrigation: Developer to provide

#### NOTES FROM PLANNING COMMISSION:

- 1. Landscaping should include some evergreen trees.
- 2. Shrubs should be added to the rear of the units to help break up the building lines and screen A/C units.
- 3. Mature trees along Main Street should be kept.
- 4. Sidewalk condition along Main Street should be evaluated. Extensive repairs should be coordinated with City.
- 5. Utilities should be updated on the plans to reach all of the units.
- 6. Retention basin should have an contingency built in to prevent overflow to neighboring houses. Discussion included previous storm events seen in Hyrum where the ground was still frozen and a heavy spring rain caused flooding.
- 7. Retention basin should have a transition to facilitate the snow it is to receive.
- 8. Discussion included potential for units to be rented long term. Short term rentals were not to occur.
- 9. Pet restrictions should be included in the C.C.&R. documents.

<u>Electrical component delays are estimated to be 2.5 years.</u> If this development needs any upgrades to the existing services, coordination with the Hyrum City Power Department should be started immediately.

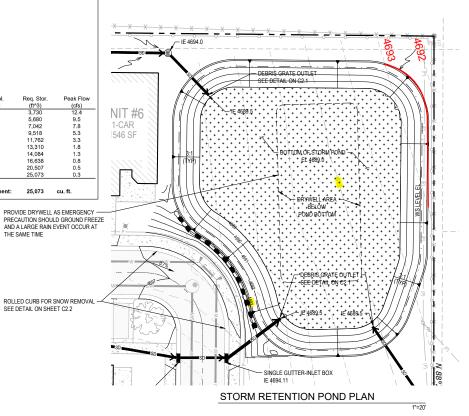




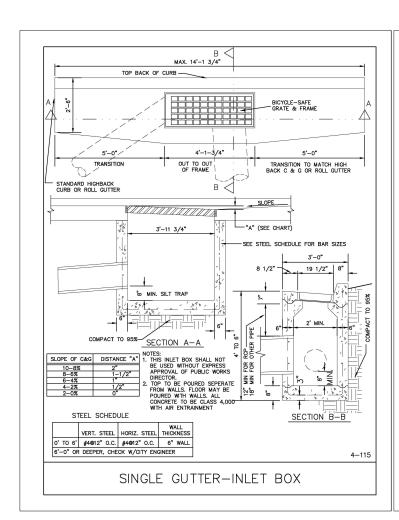
#### **GENERAL NOTES**

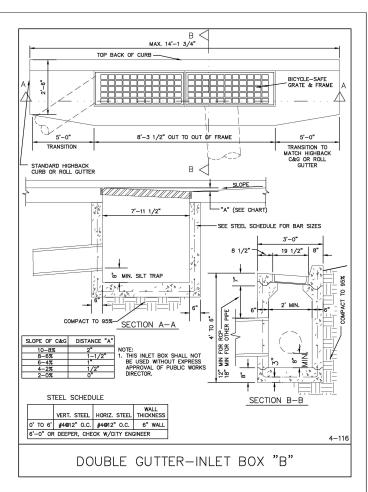
- THE EXISTING CONTOURS SHOWN HEREON WERE OBTAINED VIA FIELD SURVEY COMPLETED IN MAY 2022.
- THE SITE GENERALLY SLOPES NORTHWESTERLY TOWARDS THE PROPOSED DETEN STORM RUNOFF GENERATED FROM THE PROPOSED DEVELOPMENT WILL BE CONVEYED AND CAPTURED IN THE RETENTION BASIN AS FOLLOWS:
- A. DOWNSPOUTS FROM ROOF AREAS WILL BE DIRECTED TO LANDSCAPE AREAS OR STREETS.
- B. LANDSCAPE AREAS WILL SHEET FLOW TO SWALES AND COLLECTED BY AREA DRAINS AND CARRIED TO THE DETENTION BASIN THROUGH UNDERGROUND PIPING.
- C. FRONT YARDS, DRIVEWAYS, AND PORCHES WILL FLOW TO STREETS WHERE CURB AND GUTTER WILL CHANNEL THE FLOW TO CURB INLETS AT INTERSECTIONS AND LOW POINTS. UNDERGROUND PIPING INTERCONNECTING THE INLETS WILL DISCHARGE RUNOFF INTO THE RETENTION BASIN.
- PIPE AND RETENTION BASIN SIZING WAS PERFORMED USING THE RATIONAL METHOD (Q =  $C \cdot I \cdot A$ ) WHERE:
- A. Q = DESIGN FLOW IN CUBIC FEET PER SECOND (CFS)
- C = RUNOFF COEFFICIENT WHICH REPRESENTS THE PERCENT OF PRECIPITATION THAT WILL CONTRIBUTE AS RUNOFF.
- C. I = RAINFALL INTENSITY IN INCHES PER HOUR (IN/HR)
- A = DRAINAGE AREA IN ACRES
- THE 100 YEAR 24 HOUR STORM EVEN WAS USED TO SIZE THE RETENTION BASIN AS SHOWN HEREON IN
- STORM INTENSITIES USED IN THIS STUDY AREA ARE TAKEN FROM THE NATIONAL WEATHER SERVICE'S PRECIPITATION FREQUENCY DATA SERVER. INTENSITIES FOR THE 100 YEAR STORM ARE SHOWN IN TABLE A.
- A COMPREHENSIVE STORM DRAINAGE STUDY WILL BE PROVIDED AS PART OF THE FINAL PLAT SUBMITTAL.

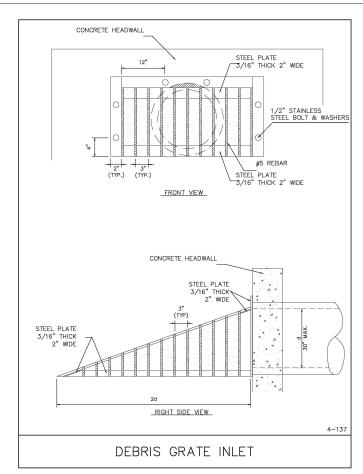
Developed Condit	ions					
Area	Area (Acres)	С				
Roadways	0.95	0.85				
Buildings	1.23	0.90				
Landscaping	1.57	0.15				
Total Area =	3.750					
C average =	0.57					
Storm Data:	NOAA (See Exhib	it E)				
Frequency:	100 yr					
Release Rate (cfs)	0.00	(at 0 cfs/ac)				
Time	Precipitation	Intensity	Acc.Vol	Rel Vol.	Reg. Stor.	Peak Flow
(min)	(in)	(in/hr)	(ft^3)	(ft^3)	(ft^3)	(cfs)
5	0.482	5,784	3,730	0	3,730	12.4
10	0.734	4.404	5,680	0	5,680	9.5
15	0.910	3.640	7,042	0	7,042	7.8
30	1.230	2.460	9,518	0	9,518	5.3
60	1.520	1.520	11,762	0	11,762	3.3
120	1.720	0.860	13,310	0	13,310	1.8
180	1.820	0.607	14,084	0	14,084	1.3
360	2.150	0.358	16,638	0	16,638	8.0
720	2.650	0.221	20,507	0	20,507	0.5
1440	3.240	0.135	25,073	0	25,073	0.3
		Retentio	n Basin Volume	Requirement:	25,073	cu. ft.

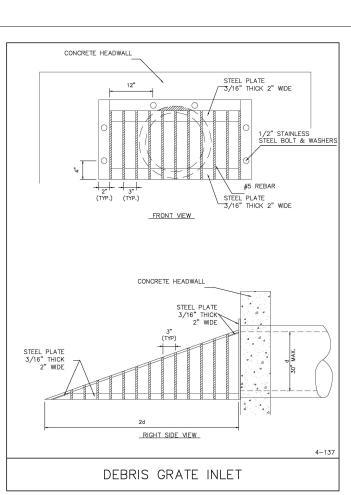


Know what's below. Call 811 before you dig. BLUE STAKES OF UTAH UTILITY NOTIFICATION CENTER, INC.











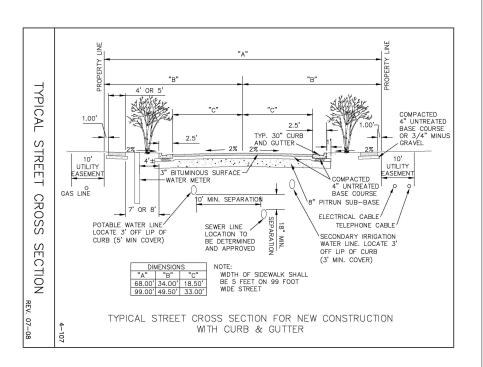
CORPORATE OFFICE 5920 100th St SW, Ste 7 Lakewood, WA 98499 (253) 984-2900

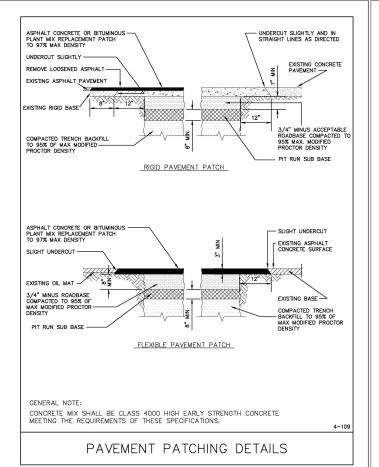
Court Valley Living

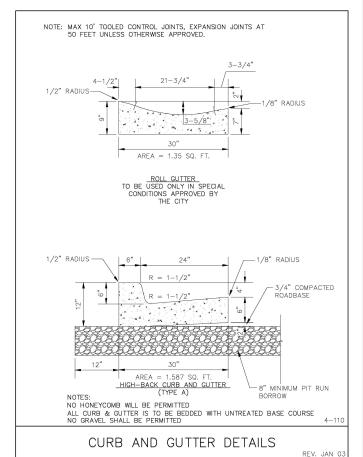
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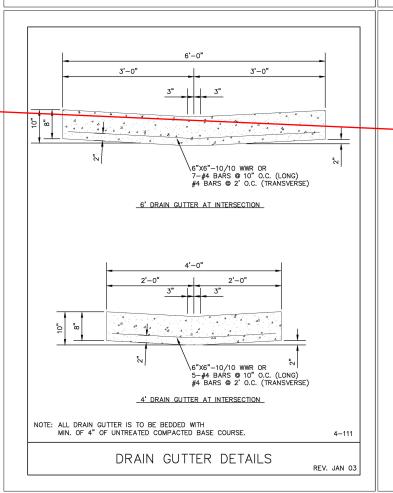
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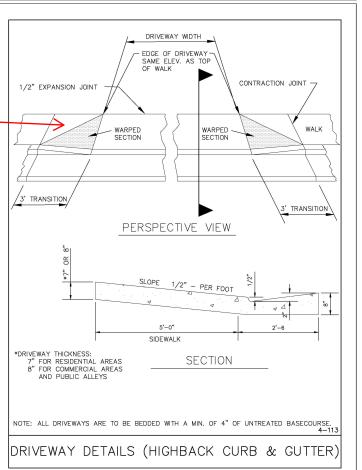


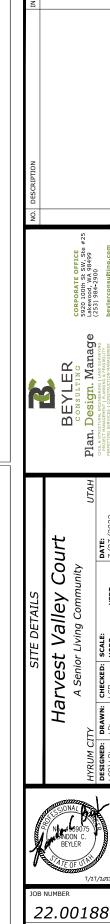




THIS WILL NOT BE QUITE THE DETAIL FOR INTERNAL DRIVEWAYS. SIDEWALK ALONG CURB WILL REQUIRE A STRAIGHT TRANSITION TO LOWERED DRIVE ENTRANCE INSTEAD OF A WARPED SECTION. MUST BE ADA THROUGH DRIVEWAY APRON IF AGAINST CURB. BACK OF DRIVE APRON WILL NEED TO BE LOW.

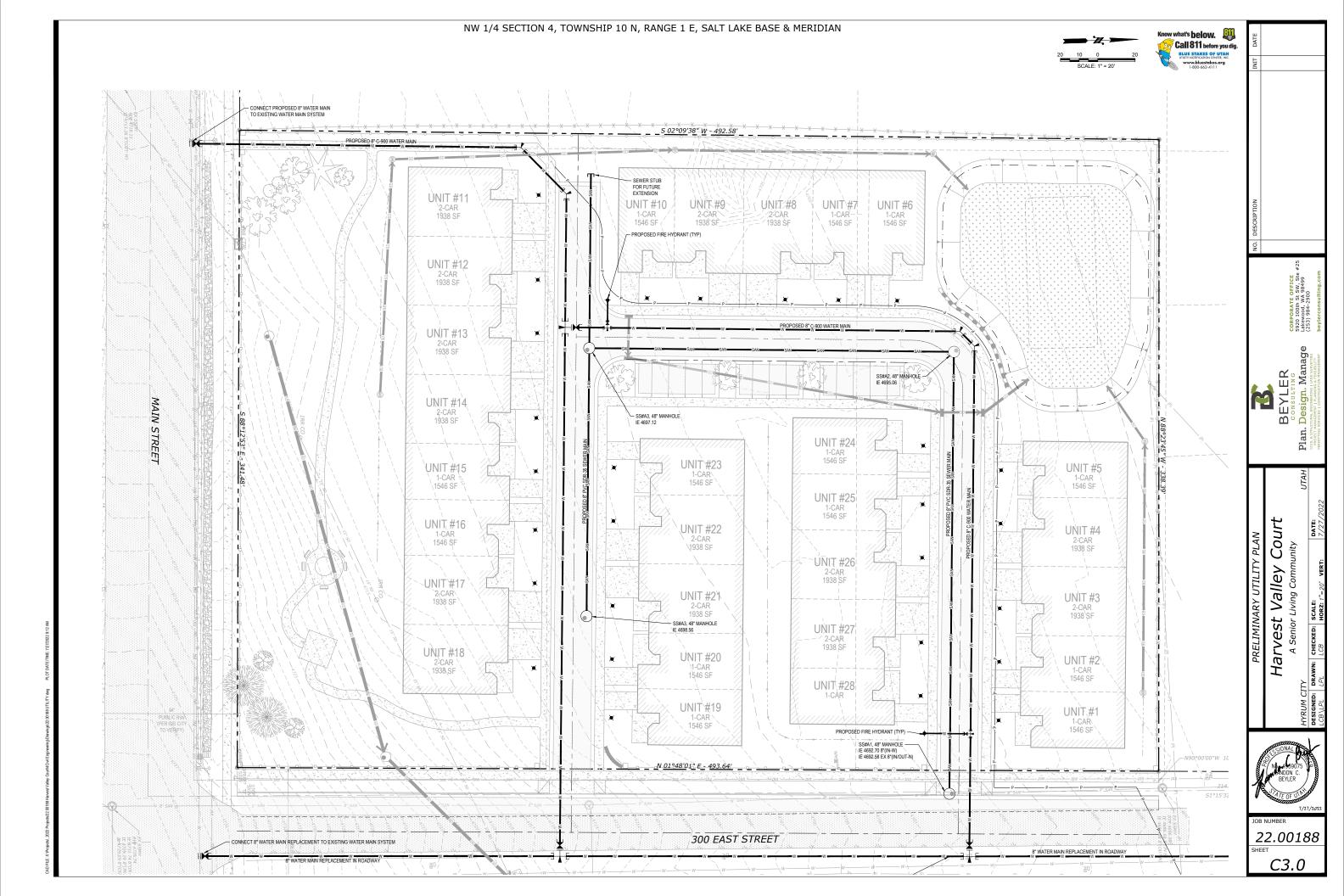






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C3.1

#### GENERAL LANDSCAPE NOTES

- DO NOT DIG BEFORE LOCATION EXISTING UTILITIES.
- . SUBGRADES, INCLUDING BERMS, TO WITHIN 0.1 FT. PROVIDED BY GENERAL CONTRACTOR UNLESS OTHERWISE NOTED.
- FOR ALL NEWLY LANDSCAPED AREAS, INCLUDING SINGLE FAMILY RESIDENCES, ORGANIC MATTER SHALL BE INCORPORATED TO A DEPTH OF AT LEAST 4" AROUND EACH REPLACEMENT TREE.

  REPLACEMENT?

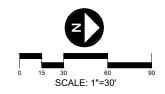
  REPLACEMENT?
- APPLY 6" DEPTH (TYP) 3-WAY MIX TOPSOIL AROUND EACH REPLACEMENT TREE.
- APPLY 2" DEPTH MEDIUM/COARSE GRADE BARK MULCH IN A 36" DIAMETER RING AROUND EACH REPLACEMENT TREE. MULCH TO BE FREE OF WEED SEED, SAWDUST, RESIN OR TANNIN AND SHALL NOT CONTAIN ANY COMPOUNDS DETRIMENTAL TO PLANT GROWTH.
- CONTRACTOR IS RESPONSIBLE FOR BRINGING ANY PROPOSED SUBSTITUTIONS OR UNFORESEEN FIELD CONDITIONS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
- LANDSCAPE ARCHITECT MAY ADJUST PLANT QUANTITIES OR VARIETIES BASED ON AVAILABILITY OR ADVERSE FIELD CONDITIONS.
- B. ALL PLANT MATERIAL SHALL BE DISEASE FREE AND ARRIVE IN A VIGOROUS GROWING CONDITION.
- 9. ALL PLANT MATERIAL SHALL CONFORM TO AAN STANDARDS FOR NURSERY STOCK, LATEST EDITION.
- ALL TREE MATERIAL AT TIME OF PLANTING SHALL BE OF A SUFFICIENT SIZE TO MEET THE MINIMUM HEIGHT AND CALIPER REQUIREMENTS FOR REPLACEMENT TREES.
- ALL TREE PITS SHALL BE INSPECTED TO INSURE PROPER DRAINAGE. PLANTING IN HEAVY SOILS REQUIRES ADDITIONAL DRAINAGE PROVISION. SEE TREE PLANTING DETAIL.
- 12. PROPERTY OWNER SHALL BE RESPONSIBLE FOR WATERING AND MAINTAINING REPLACEMENT TREES
- ALL PLANT MATERIALS SELECTED ARE DROUGHT TOLERANT, THEREFORE, IRRIGATION SHALL BE REQUIRED ONLY UNTIL
  THE PLANTS ARE FULLY ESTABLISHED BY METHOD OF HAND WATERING.
- 14. CONTRACTOR AGREES TO WARRANTY AND MAINTAIN ALL PLANT MATERIAL FOR ONE FULL GROWING SEASON PAST INSTALLATION AND SHALL REPLACE DEAD PLANT MATERIAL WITHIN THAT WARRANTY / MAINTENANCE PERIOD WITH NO OBLIGATION TO THE OWNER.
- 15. ALL TREES SHALL BE DOUBLE STAKED AS SHOWN ON THE DETAILS. STAKES TO BE REMOVED AFTER ONE FULL GROWING SEASON. TREES THAT HAVE DIED WITHIN THE ONE YEAR WARRANTY / MAINTENANCE PERIOD SHALL BE REPLACED AND RE-STAKED PER THE DETAIL AT NO ADDITIONAL COST TO THE OWNER.
- 6. LANDSCAPE CONTRACTOR SHALL MAINTAIN SITE UNTIL FINAL INSPECTION AND ACCEPTANCE BY OWNER.



200 EAST STREET









■ THE DESIGNER:

B. WOLTHUIS

Harvest Valley Court A Senior Living Community

REVISIONS:
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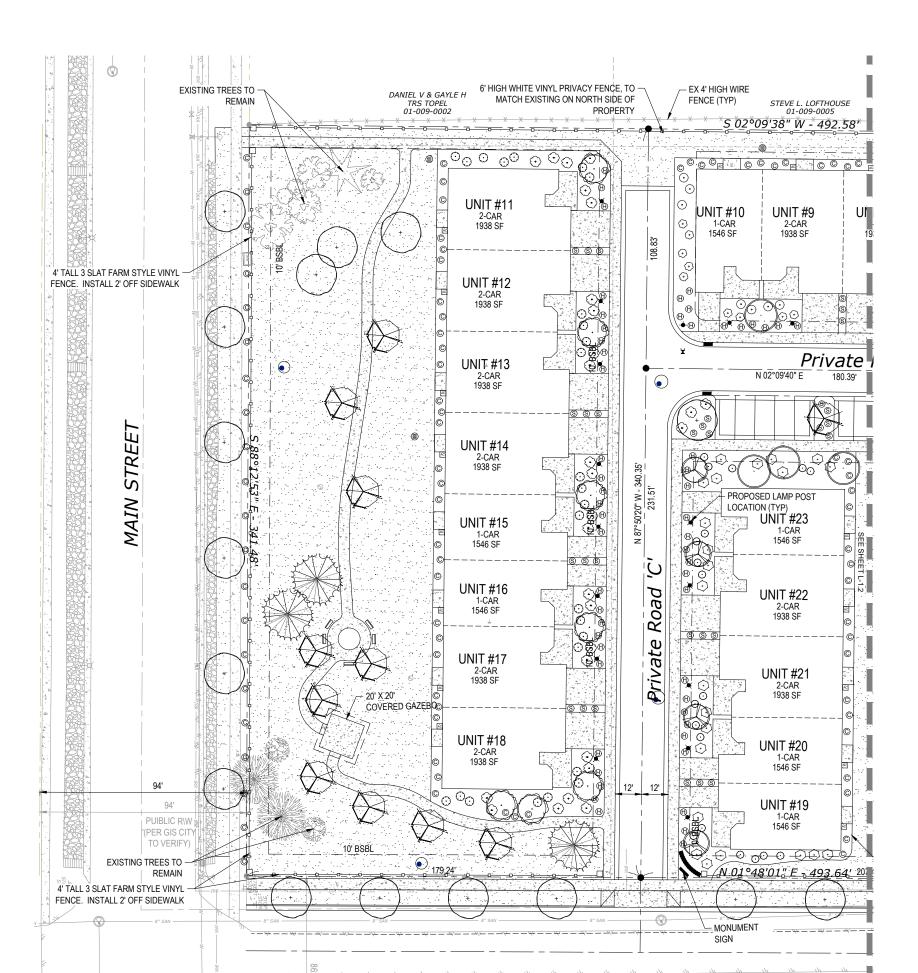
■ SHEET TITLE:
Overall
Preliminary
Landscape Plan

•	DATE:	JULY 29, 2022
	DRAWN BY	BW

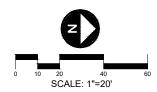
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■ JOB NO.:

SHEET NO:







	PLANTING	SCHEDULE			
	SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	QTY.
	TREES				
	$\overline{}$	Acer ginnala 'Flame'	Amur Maple	2" Cal.	380
+	$\rightarrow$	Acer truncatum x A. platnoides	Sunset Maple	2" Cal.	22
$(\cdot)$		Amelanchier x grandiflora 'Autumn Briliance'	Serviceberry	2" Cal.	8
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	$\rightarrow$	Crataegus x mordenensis 'Toba'	Flowering Hawthorn	2" Cal.	9
	<u> </u>	Pinus nigra	Austrian Pine	6-8' Tall	7
XXXXX	<b>\</b>	Zelkova serrata 'Green Vase'	Zelkova	2" Cal.	12
*	SHRUBS				
	$\odot$	Caryopteris x clandoensis	Blue Mist Spirea	5 Gal.	37
	$\odot$	Forsythia 'Courtasol' Gold Tide	Dwarf Forsythia	5 Gal.	44
	$\odot$	Physocarpus opulifoius 'Donna May'	Ninebark	5 Gal.	35
	$\odot$	Perovskia atriplicifolia	Russian Sage	5 Gal.	27
	$\odot$	Prunus besseyi	Western Sandcherry	5 Gal.	32
	~	Spirea x bumalda 'Goldmound'	Gold Spirea	5 Gal.	38
	GRASSES				
	©	Calamagrostis acutiflora 'Avalanche'	Feather Reed Grass	5 Gal.	131
	$^{\oplus}$	Helictotrichon sempervirens 'Sapphire'	Blue Oat Grass	5 Gal.	109
	<u> </u>	Schizacyrium scoparium 'Standing Ovation'	Little Blue Stem	5 Gal.	58
		Turf	BioGrass		
		Notes: All Planter Beds Shall be Covered in	4" Min. of Landscape Bar	k Mulch.	

=	THE DESIGNER:

B. WOLTHUIS

# Harvest Valley Court Senior Living Community $\triangleleft$

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Preliminary Landscape Plan

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DRAWN BY:	BW

■ CHECKED BY:

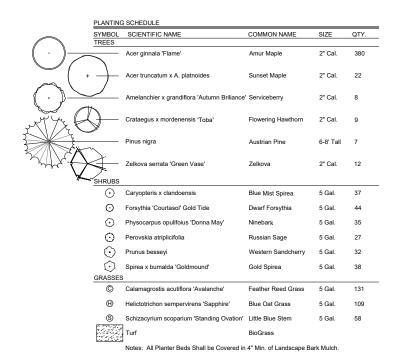
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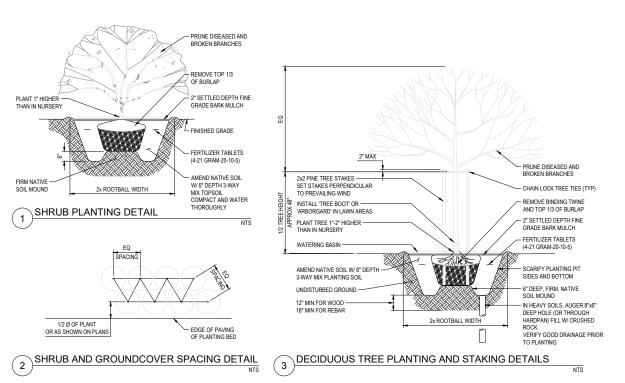
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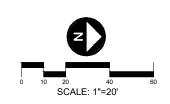
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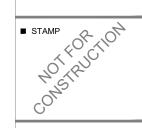


B. WOLTHUIS

■ THE DESIGNER:

Harvest Valley Court Senior Living Community  $\triangleleft$ 

-	REVISIONS:
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■ SHEET TITLE:

#### Preliminary Landscape Plan

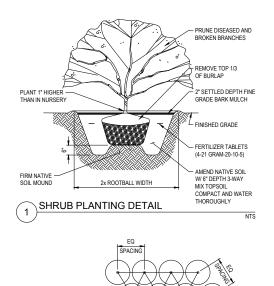
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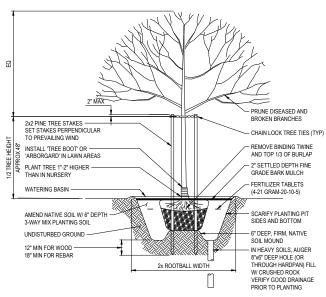
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IT #8 -CAR 38 SF	UNIT #7 1-CAR 1546 SF	UNIT #6		RYAN & KELLI SMITH 01-009-0013
49 A	5 00 0 00 0 0 0		- R: 27.00° L: 42.41° Δ: 89°59'60"	EX 6' HIGH WHITE VIN FENCE TYPICAL ON PERIMETER OF PROPERTY (TYP)
Roac	d_' <u>A'</u>			*                   
<b>*</b>				AUDREY McKEEL 01-009-0010
	O ←O O UNIT #24 1-CAR 1546 SF		1 112121223	N-88-23'45"W
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SHRUB AND GROUNDCOVER SPACING DETAIL

1/2 Ø OF PLANT OR AS SHOWN ON PLANS



DECIDUOUS TREE PLANTING AND STAKING DETAILS



#### 100% OF PROPOSED PLANTS ARE DROUGHT TOLERANT SPECIES NOTE: APPROVED ALTERNATE FROM APPROVED CITY TREE LIST MAY BE USED

		BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE & SPACING
~~		TREES			
<del>( )</del> -	<del>-</del>	ACER RUBRUM FRANKSRED	SUNSET MAPLE	22	3" CAL.,
		ZELKOVA SERRATA	ZELKOVA GREEN VASE	31	2" CAL.
<u></u> -	.eshee.	PEROVSKIA ATRIPLICIFOLIA	RUSSIN SAGE	25	XXXXX
	9	CALAMAGROSTIS X ACUTIFLORA	FEATHER REED GRASS	37	XXXXX

CORPORATE OFFICE 5920 100th St SW, Ste #25 Lakewood, WA 98499 (253) 984-2900

Plan.

Harvest Valley Court

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L1.1