

**SITE PLAN NOTES**

1. AVERAGE LOT SLOPE IS LESS THAN 5 %
2. A SOIL REPORT WILL NOT BE REQUIRED SFD ADDITIONS, PATIOS, AND ACCESSORY BUILDINGS IF THE APPLICANT SIGNS THE CITY STAMPS ON THE PLANS AND PROVIDES THE FOLLOWING INFORMATION TO THE INSPECTOR DETECTS PROBLEMS
3. PRIOR TO FINAL INSPECTION, THE LICENSED CONTRACTOR, ARCHITECT OR ENGINEER IN CHARGE SHALL BE RESPONSIBLE FOR THE OVERALL CONSTRUCTION RESPONSIBILITY AND SHALL BE RESPONSIBLE FOR OBTAINING WRITTEN VERIFICATION THAT ALL APPLICABLE PROVISIONS FROM THE GREEN BUILDINGS STANDARDS CODE HAVE BEEN IMPLEMENTED AS PART OF THE CONSTRUCTION.
4. COMPLIANCE WITH THE DOCUMENTATION REQUIREMENTS OF THE 2016 ENERGY EFFICIENCY STANDARDS IS NECESSARY FOR THIS PROJECT. REGISTERED, SIGNED AND DATED COPIES OF THE ENERGY EFFICIENCY STANDARDS SHALL BE MADE AVAILABLE AT NECESSARY INTERVALS FOR BUILDING INSPECTOR REVIEW. FINAL COMPLETED FORMS WILL BE AVAILABLE FOR THE BUILDING OWNER.

7344 WAMEGO TR  
YUCCA VALLEY

ADDRESS:

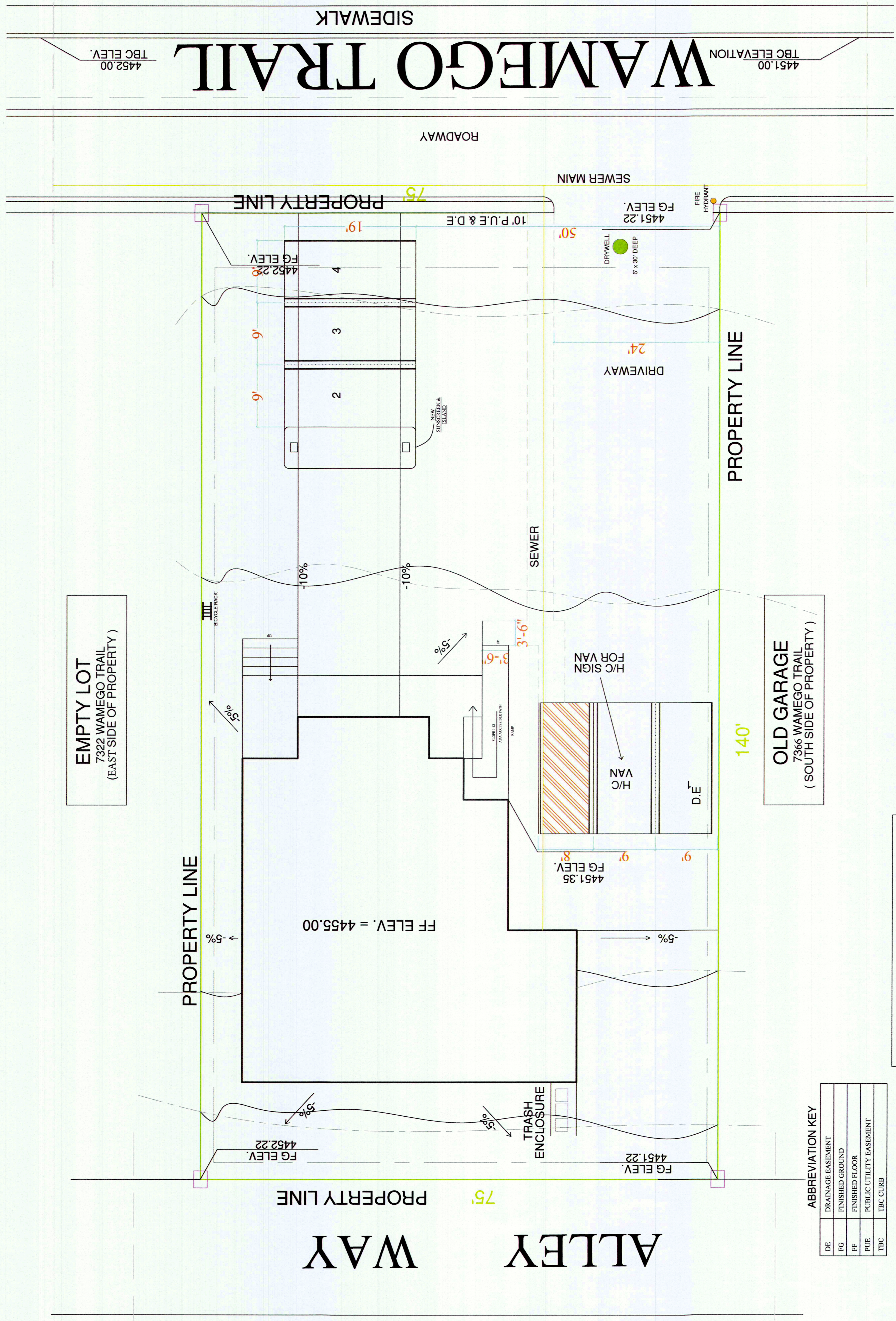
PROFESSIONAL SEAL:

REVISIONS	DATE
TOWN'S RE-SUBMISSION	AUG. 27, 2024
TOWN'S RE-SUBMISSION	OCT. 2, 2024
TOWN'S RE-SUBMISSION	NOV. 6, 2024

PROJECT NUMBER	CLIENT NAME
DRAWN BY	HEATHER MAHAFFEY
CHECKED BY	

SCALE	DRAWING NUMBER
1" = 100'	A2.0
DRAWING TITLE:	

GRADING PLAN



EMPTY LOT  
7322 WAMEGO TRAIL  
(EAST SIDE OF PROPERTY)

OLD GARAGE  
7366 WAMEGO TRAIL  
(SOUTH SIDE OF PROPERTY)

**ABBREVIATION KEY**

DE	DRAINAGE EASEMENT
FG	FINISHED GROUND
FF	FINISHED FLOOR
PUE	PUBLIC UTILITY EASEMENT
TBC	TBC CURB

**CALCULATION SUMMARY TABLE**

PARAMETER	VALUE	CALCULATION/EXPLANATION
INTERVOLS SURFACE AREA (A)	5000 SQ. FT.	CONTRIBUTING TO RAINFALL
COEFFICIENT (C)	0.90	(CONCRETE/ ASPHALT)
RETENTION REQUIREMENT	412.8 CU. FT.	BASED ON LOCAL DESIGN RAINFALL EVENT - 1 INCH (0.083 FT.)
DRY WELL DIAMETER (d)	6 FEET	REQUIRED VOLUME TO HANDLE RUNOFF PLUS 10% RAINFALL EVENT
DRY WELL DEPTH (h)	30 FEET	DRY WELL DEPTH
DRY WELL CAPACITY	848.23 CU. FT.	VOLUME OF 6' x 30' DRY WELL SUFFICIENT FOR 412.8 CU. FT.

**CALCULATION OF REQUIRED RETENTION VOLUME**

$$V = A \times C \times I \times 1.1$$

$$V = 5000 \times 0.90 \times \frac{1}{12} \times 1.1$$

$$V = 412.5 \text{ Cubic feet}$$

**DRY WELL VOLUME CALCULATION**

$$\text{Dry Well Diameter (d)} = 6 \text{ feet}$$

$$\text{Dry Well Depth (h)} = 30 \text{ feet}$$

$$\text{Volume of dry well (V [dry well])} = \pi \times (d/2)^2 \times h$$

$$= 3,146 \times (\frac{6}{2})^2 \times 30$$

$$= 848.23 \text{ cubic feet}$$