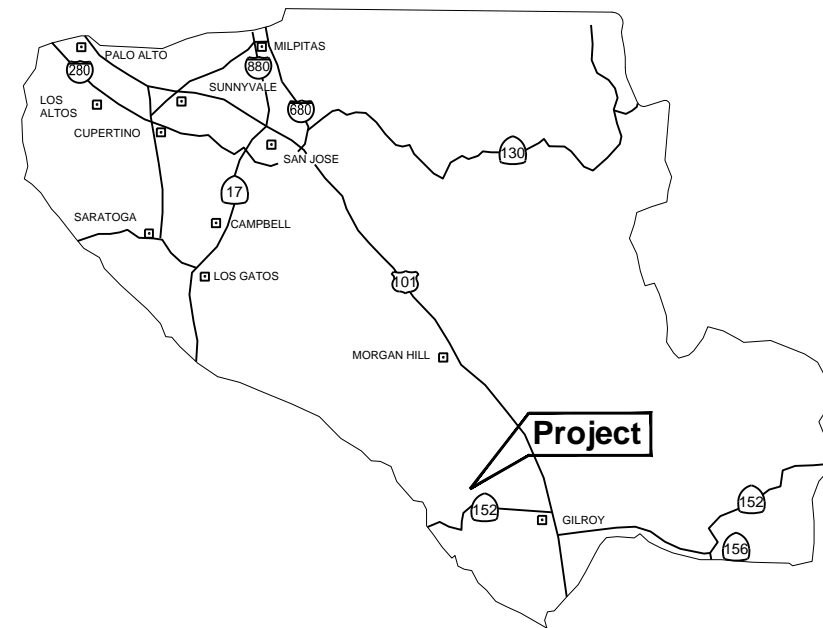


Earthwork Quantities				
	Cut	Fill	Max Cut	Max Fill
Building Pad	70 cy	683 cy	2.50'	6.00'
Driveway	358 cy	2 cy	5.50'	1.50'
Stormwater Treatment	10 cy	0 cy	0.00'	0.00'
<b>Total</b>	<b>438 cy</b>	<b>685 cy</b>		

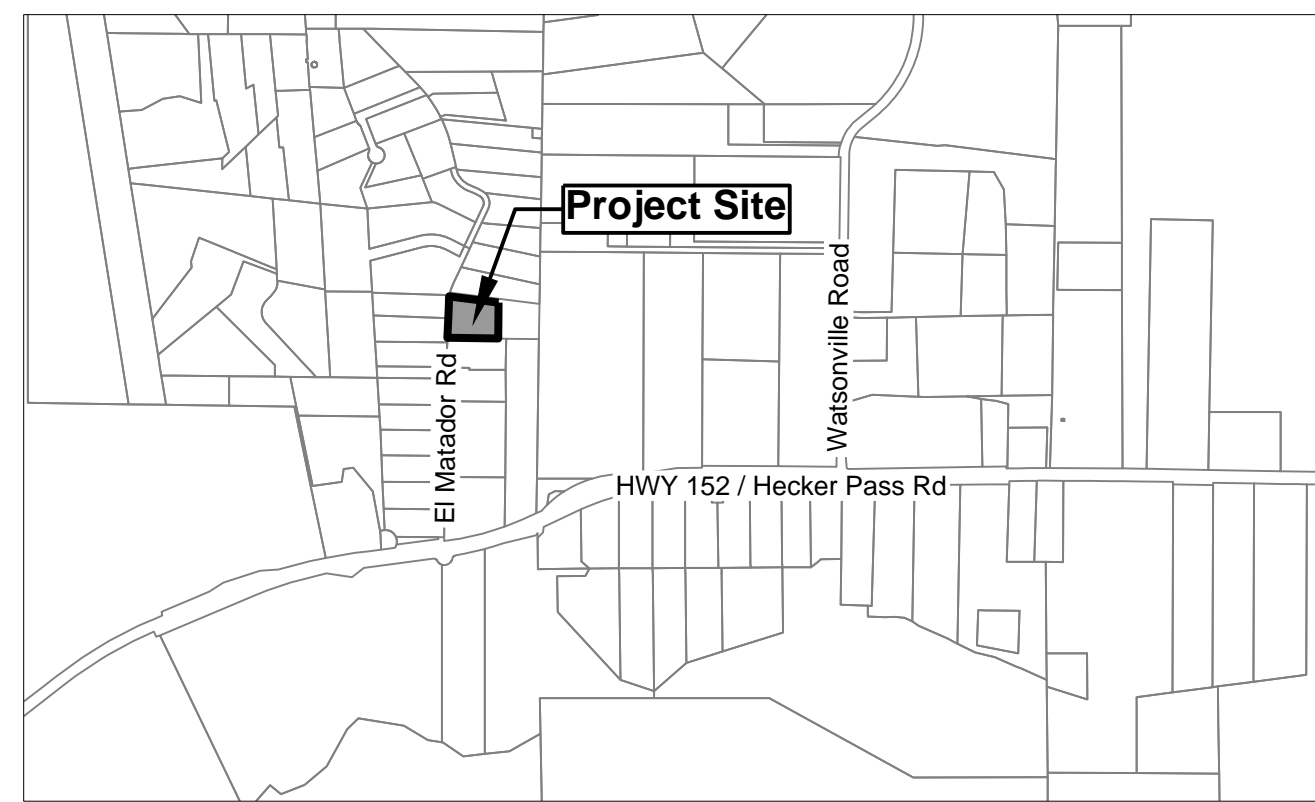
Impervious Area Summary	
Proposed Residence & Garage	3,576 SF
Proposed Driveway	5,958 SF
Proposed Patio	1,303 SF
Proposed Covered Porch	348 SF
<b>Total New Impervious Area</b>	<b>11,185 SF</b>

Proposed Floor Area	
Proposed Residence	4,049 SF
Proposed Attached Garage	772 SF
<b>Total Floor Area</b>	<b>4,821 SF</b>

Tree Removal Summary		
#	Species	Size
1	None	



COUNTY LOCATION MAP



Vicinity Map

**Owner:**  
Justin and Andrea Gamble  
1414 Blackwing Way  
Gilroy, CA 95020

**Engineer:**  
David L. Faria, RCE 92432  
Faria Engineering & Surveying  
1656 Cleneaga Road Unit 100  
Hollister, CA 95023  
(602) 515-7650  
david@fariaengineering.com

**Project Information:**

APN	756-31-105
Present Use:	Vacant
Present Zoning:	RR
Existing Improvements:	As Shown
Water:	ex HAMWC
Sanitary Sewer:	New OWTS
Gas & Electric:	New PGE
Fire Responsibility Area:	SRA
Wildland Urban Interface:	In
HCP Area:	In
Hazard Zone(s):	none
Gross Area:	1.228 ac
Net Area:	1.076 ac

**Boundary Note:** Property lines shown on this plan are based on record data and boundary monumentation measured to date. A title report was not provided for this survey. Easements shown, if any, are compiled from record maps and the current deed for the property. There may be additional easements that burden or benefit the subject property that would only be revealed on a title report.

**Flood Zone:** The property lies wholly in Zone D, areas in which flood hazards are undetermined, but possible, per FEMA Firm Panel 06085C0360H, effective May 18, 2009.

**Basis of Bearings:** The bearings shown on this map are based on the eastern right of way line of El Matador Drive as found monumented and recorded as North 01° 31' 50" West, on that Record of Survey thereof recorded in Book 189 of Maps at Page 23, Santa Clara County Records.

**Elevations:** Elevations shown on this plan are based on field survey using GPS. (NAVD88).

**Landscaping Information:**

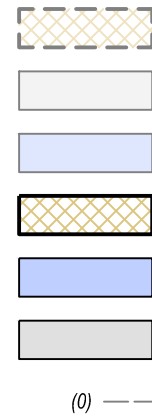
- No landscaping is proposed.
- All non improved disturbed areas are to be hydroseeded.

**Fire Notes:**

- Fire Sprinklers shall be a deferred submittal.
- Property is served by an existing standard hydrant across the street.
- Property is located in the State Response Area.
- Property is in Wildland Urban Interface (WUI).
- Structures to meet WUI construction requirements.
- Property to maintain defensible space at all times.
- Driveway width will be maintained at 12' minimum with a clear height of 13' 6".
- All proposed driveways to be made of an all weather surface capable of supporting 75,000 lbs.
- All proposed driveways shall have a max. slope of 15%.

Structure	Occupancy Type	Construction Type	Size	Max. Height
Residence and Garage	R-3/U	V-B	3,576 SF	35 ft.

Legend



SLOPE CALCS:

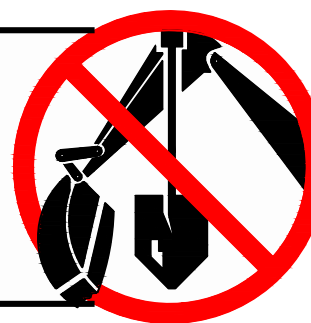
$$S = \frac{L}{L} \cdot \frac{(100)}{(100)} = \frac{(1)(4290)(100)}{42,019} = 10.21\%$$

S = SLOPE  
L = CONTOUR INTERVAL  
L = CONTOUR LINEAR LENGTH  
A = AREA IN SQUARE FEET

Underground Service Alert Note

Observed surface evidence of utility lines including facilities, appurtenances, and markings were used in depicting the locations of the underground features shown on these plans. Underground features depicted are approximate and it is the responsibility of the contractor to determine the actual location and depth of underground utilities prior to starting excavation.

Call USA North: 1.800.227.2600 OR 811



07/14/2025 9:49am  
**FOR PLANCHECK ONLY**

REGISTERED PROFESSIONAL ENGINEER  
DAVID L. FARIA  
No. 92432  
EXP. 06-30-2027  
CIVIL  
STATE OF CALIFORNIA  
**FOR PLANCHECK ONLY**  
signature and seal must be present per approval

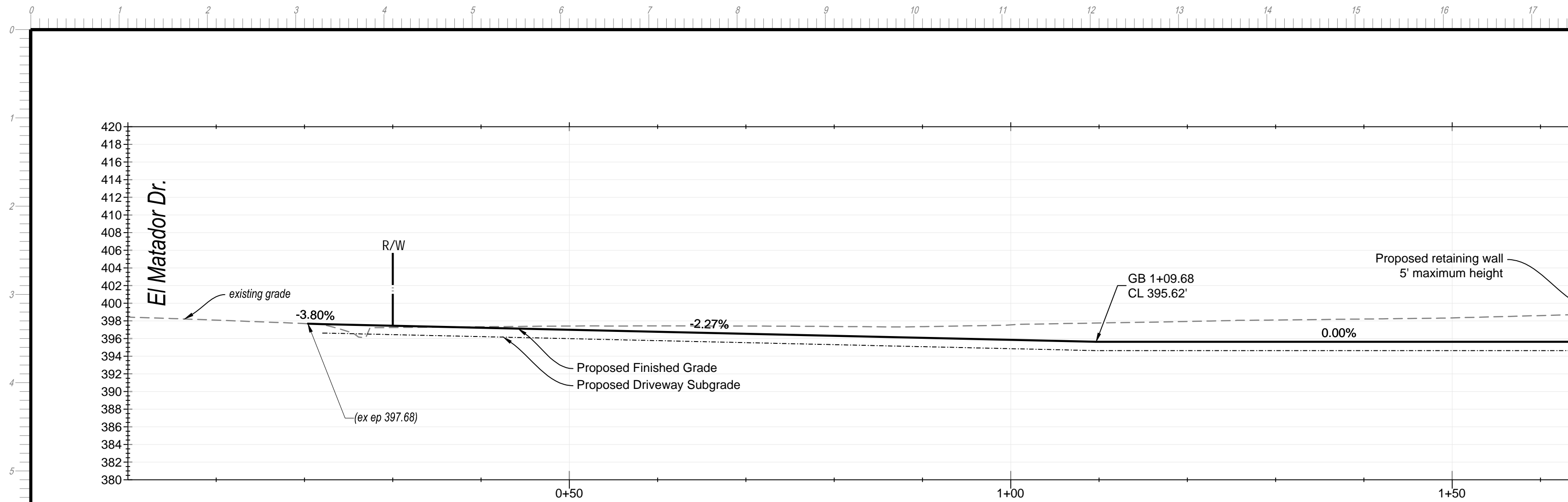
REVISIONS	BY
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2	
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**FARIA ENGINEERING & SURVEYING**  
PLANNING • BUILDING • SEPTIC  
david@fariaengineering.com  
602 515-7650

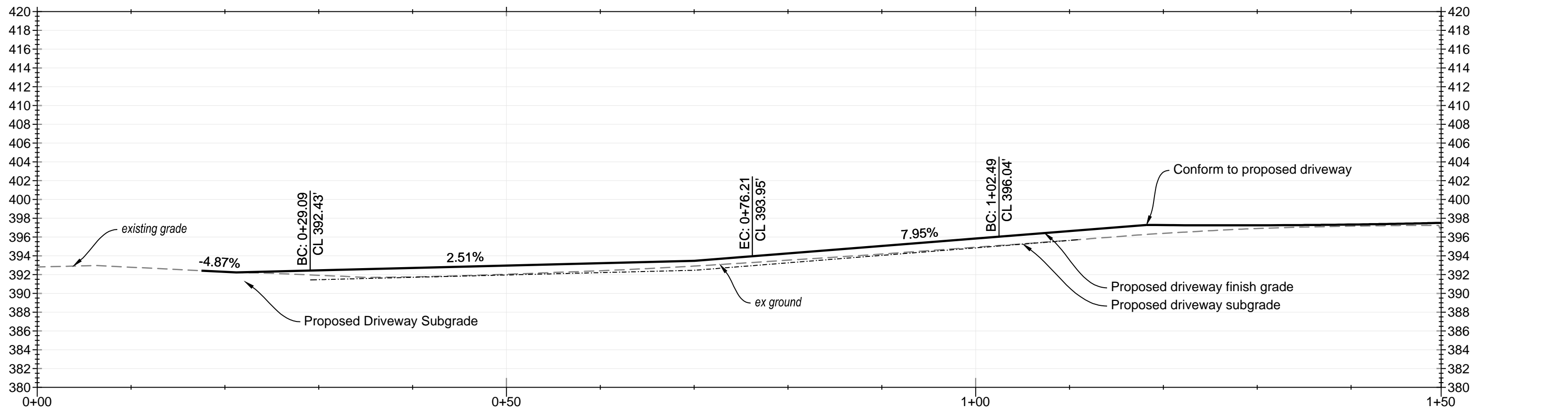
**Gamble - Site and Preliminary Grading Plan**  
**El Matador Drive - APN 756-31-105**

DATE: 7/14/2025  
SCALE: 1" = 16'  
DRAWN BY: FF  
CHECKED BY: DF  
JOB NO.  
**224096**  
SHEET NO.: 1 OF 3

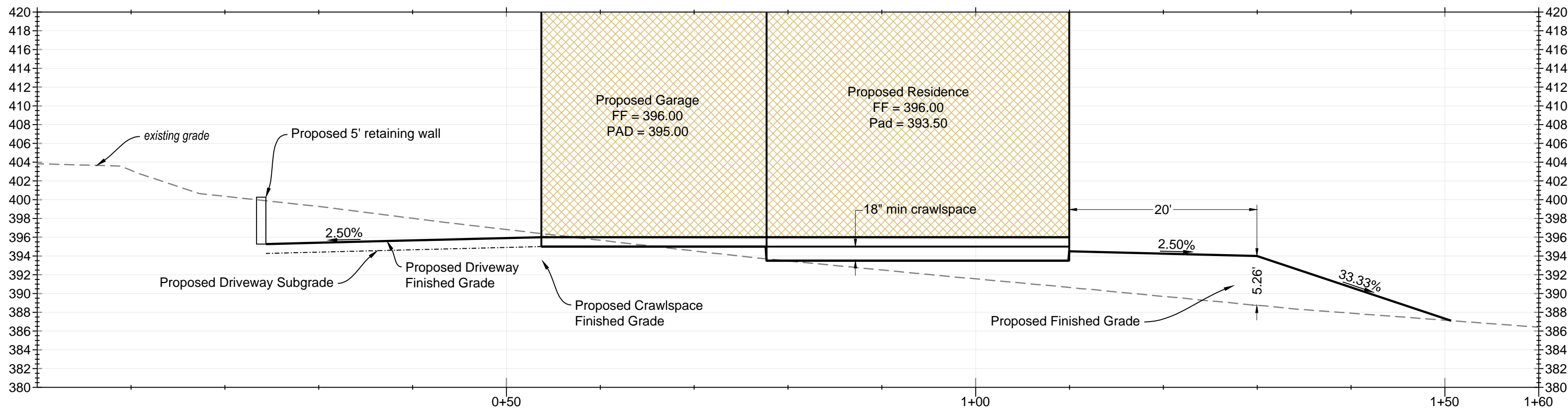




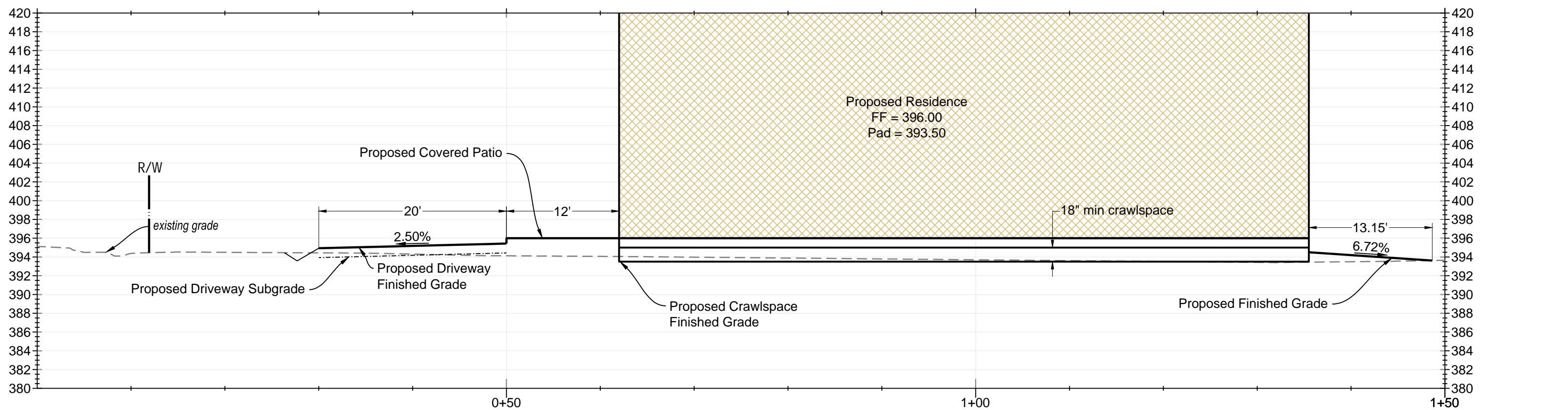
PROFILE: Centerline Driveway  
SCALE H: 1"=16' SCALE V: 1"=16'



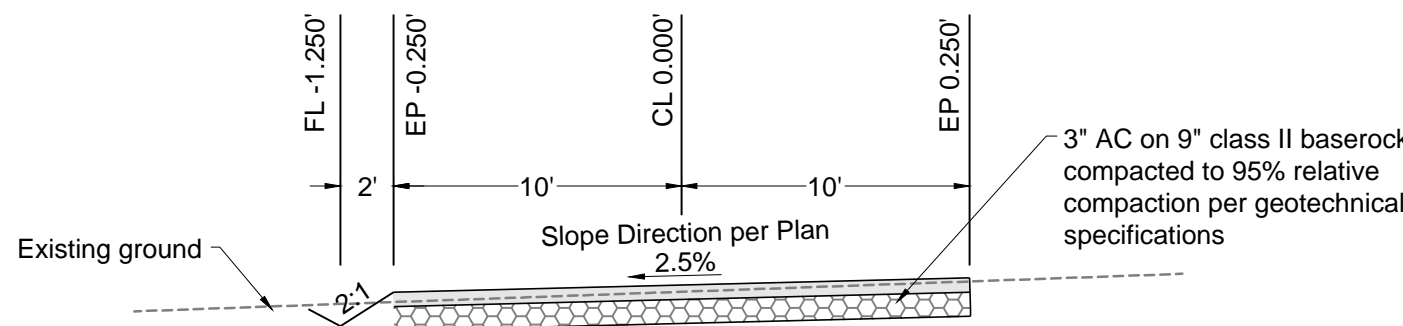
PROFILE: Centerline Driveway Roundabout  
SCALE H: 1"=16' SCALE V: 1"=16'



PROFILE: A-A  
SCALE H: 1"=16' SCALE V: 1"=16'

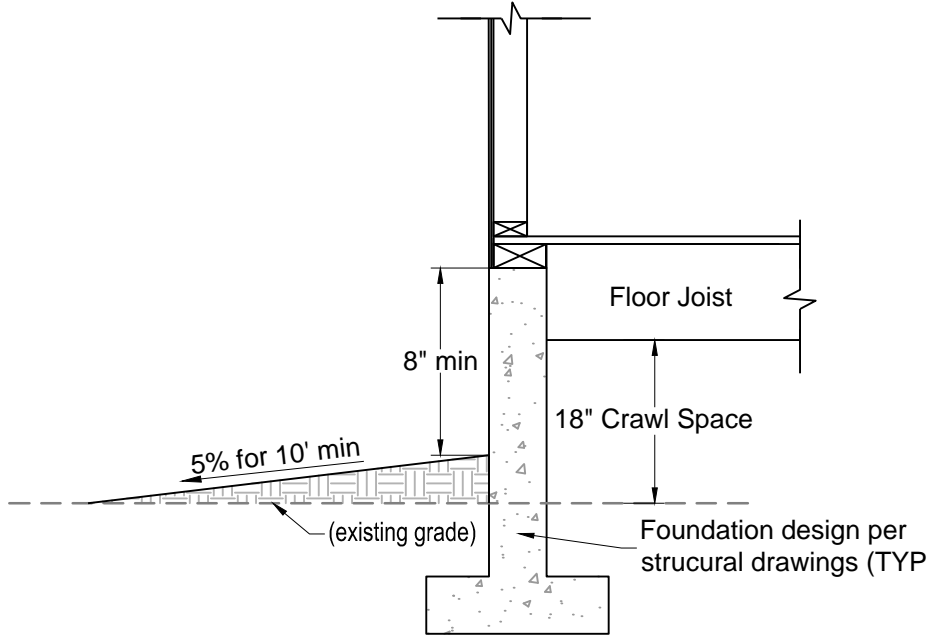


PROFILE: B-B  
SCALE H: 1"=16' SCALE V: 1"=16'



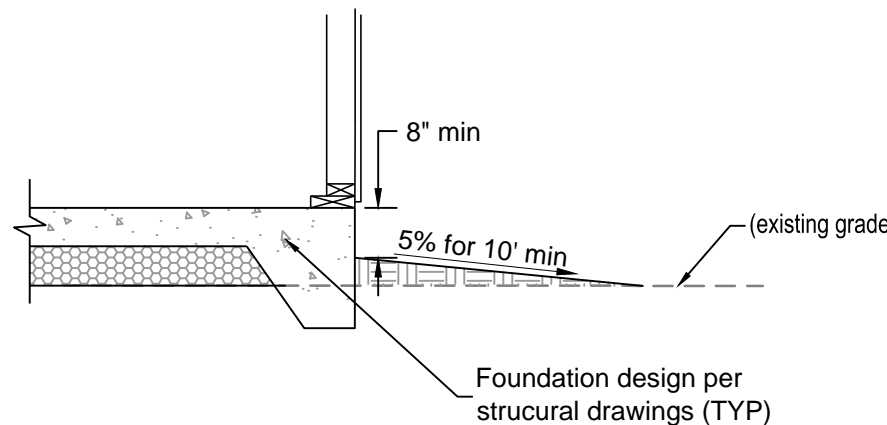
Typical Driveway Section

N.T.S.



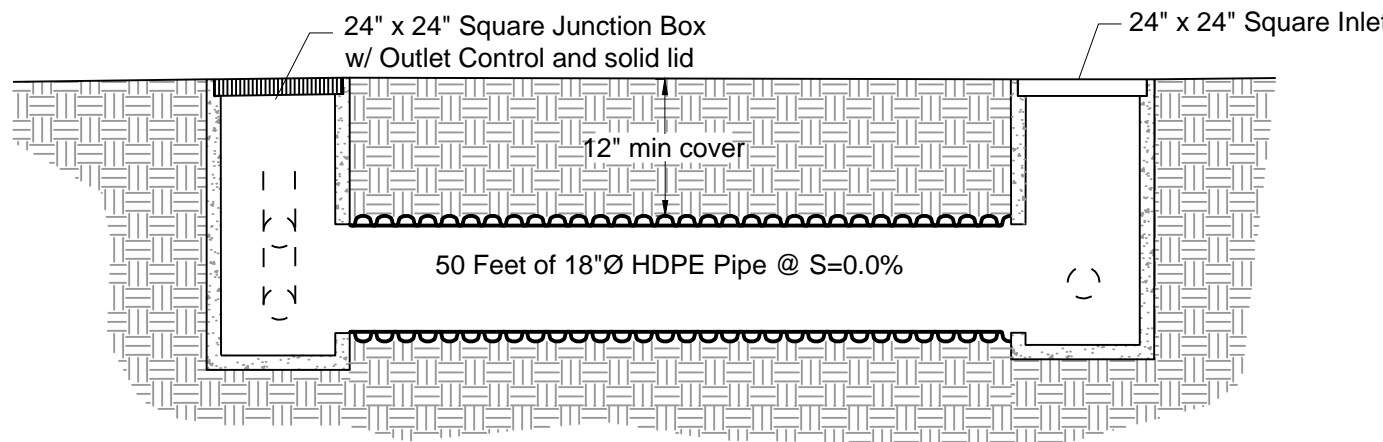
Exterior Footing Grade @ Structure

N.T.S.



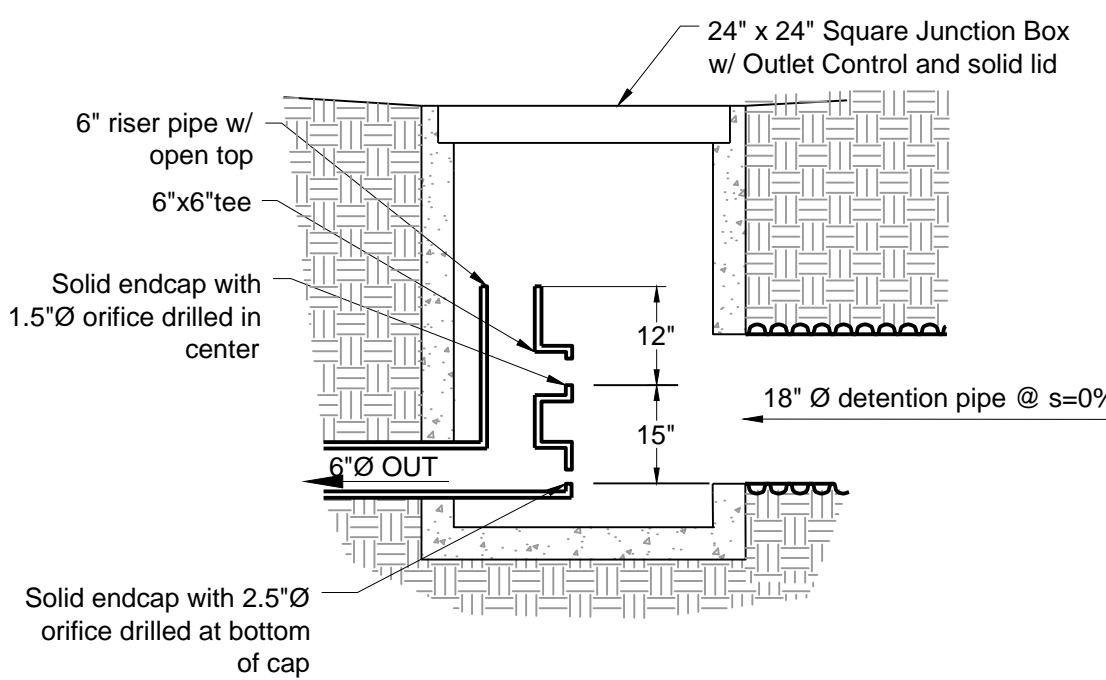
Exterior Footing Grade @ Structure

N.T.S.



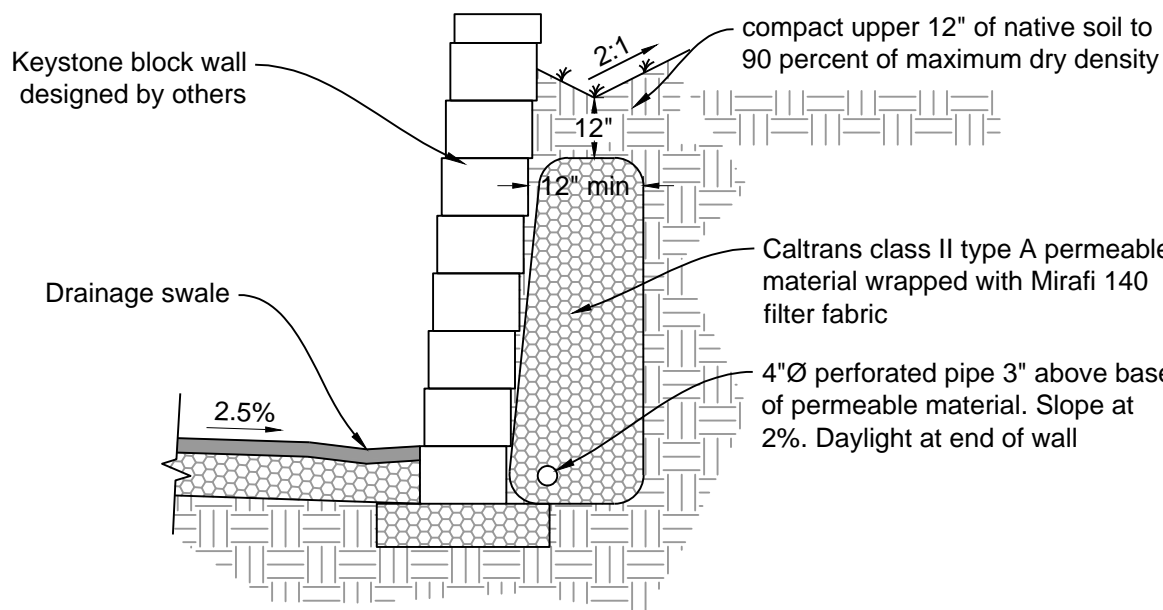
Detention System Detail

N.T.S.



Detention System Outlet Detail

N.T.S.



Retaining Wall Drainage Detail

N.T.S.



REVISIONS	BY
1	-
2	-
3	-
4	-
5	-

**FARIA ENGINEERING & SURVEYING**  
PLANNING • BUILDING • SEPTIC

david@fariaengineering.com

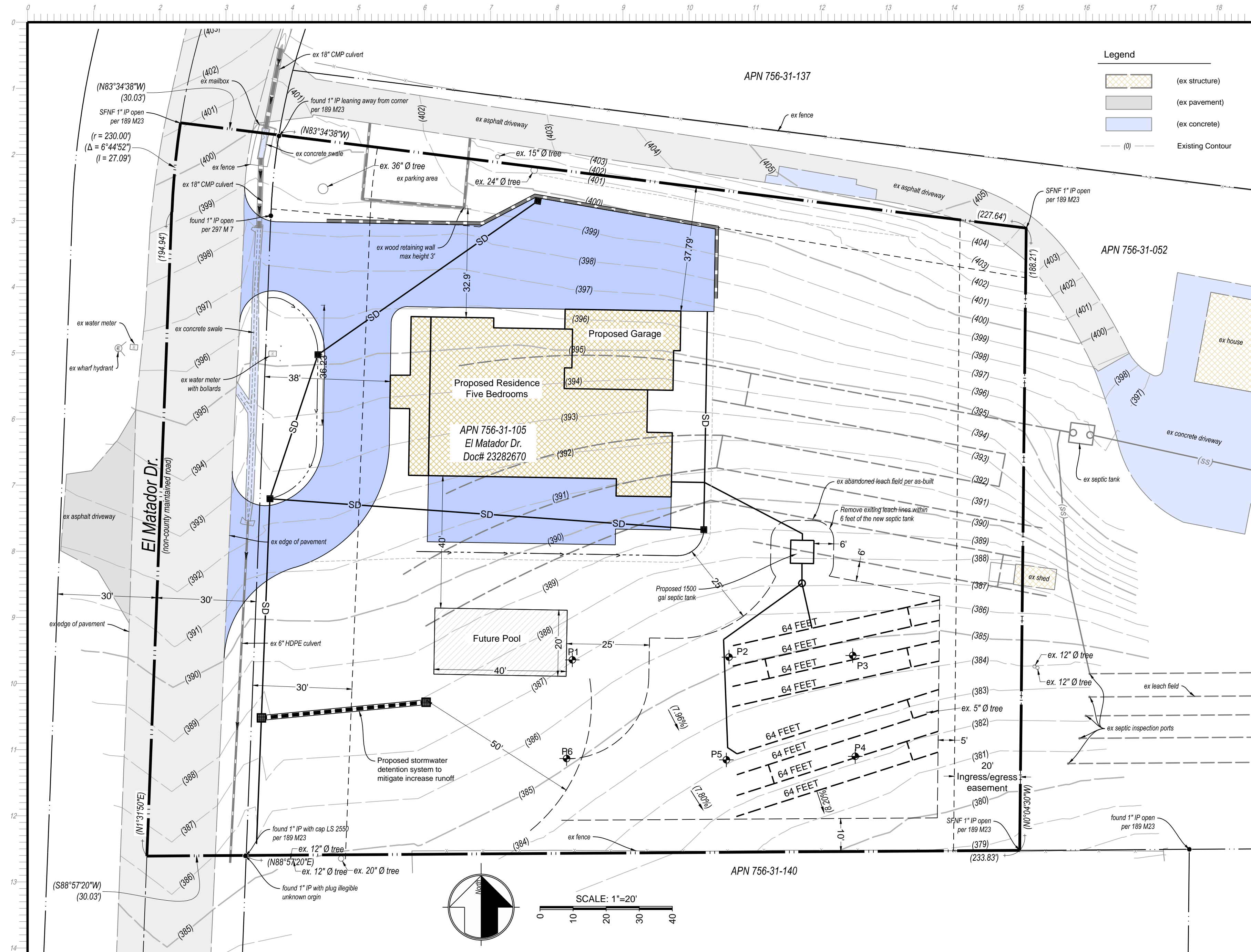
(650) 515-1600

**Profiles, Sections, & Details**

**El Matador Drive - APN 756-31-105**

DATE:	7/14/2025
SCALE:	1" = 16'
DRAWN BY:	FF
CHECKED BY:	DF
JOB NO.	<b>224096</b>
SHEET NO:	2
OF	3





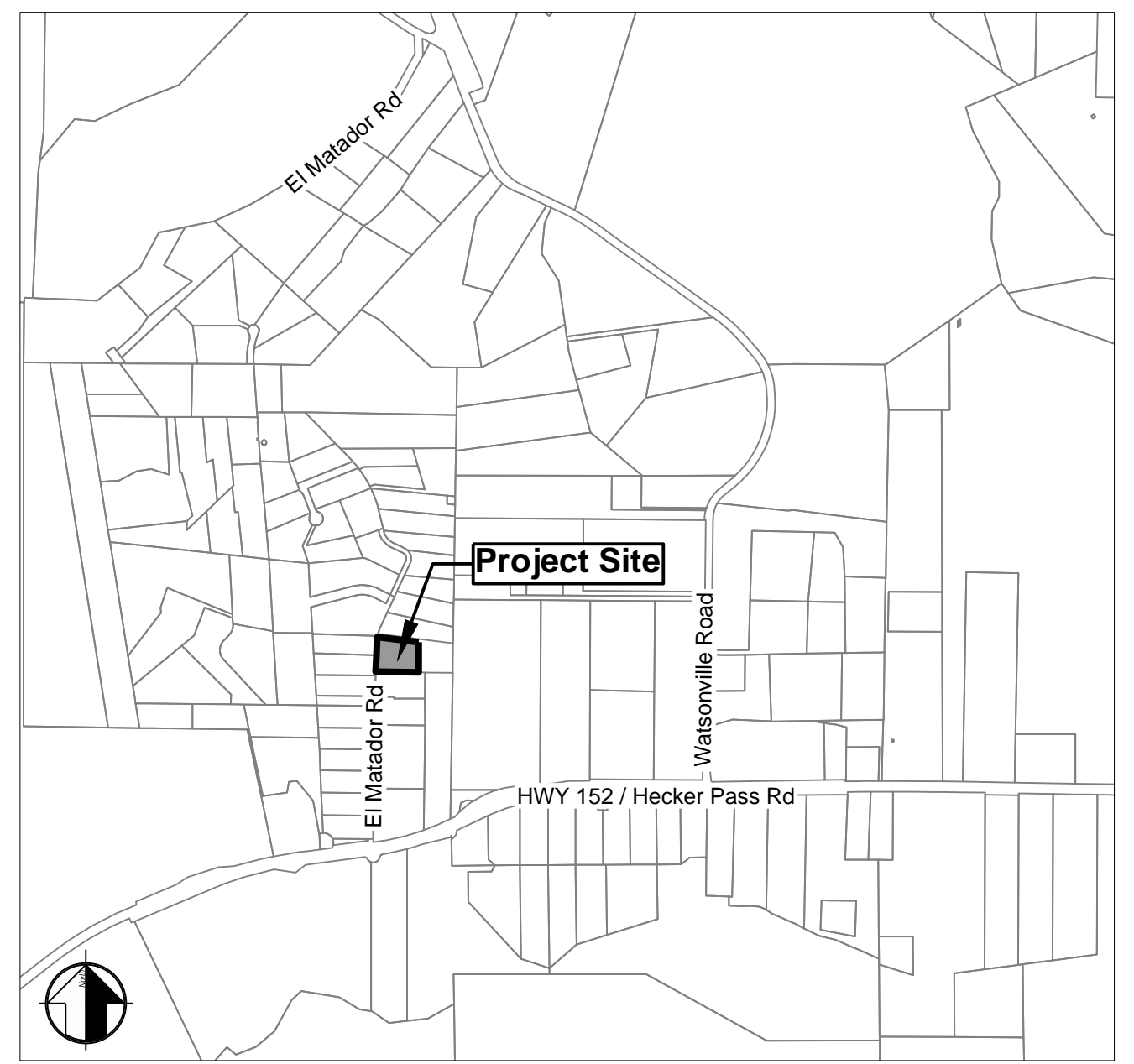
**Owner:**  
Justin and Andrea Gamble  
1414 Blackwing Way  
Gilroy, CA 95020

**Engineer:**  
David L. Faria, RCE 92432  
Faria Engineering & Surveying  
1656 Cienega Road Unit 100  
Hollister, CA 95023  
(602) 515-7650  
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**Project Information:**

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Call USA North: 1.800.227.2600 or 911



## Vicinity Map

**Sizing Calculations**  
Five Bedroom Single Family Residence

**Adjusted Stabilized Percolation Rate**  
P2 = 10.19, P3 = 59.73, P4 = 2.42, P5 = 93.33

Adjusted Average Stabilized Percolation Rate = 49.93 MPI  
Wastewater Application Rate = 0.42 GPD/SQFT

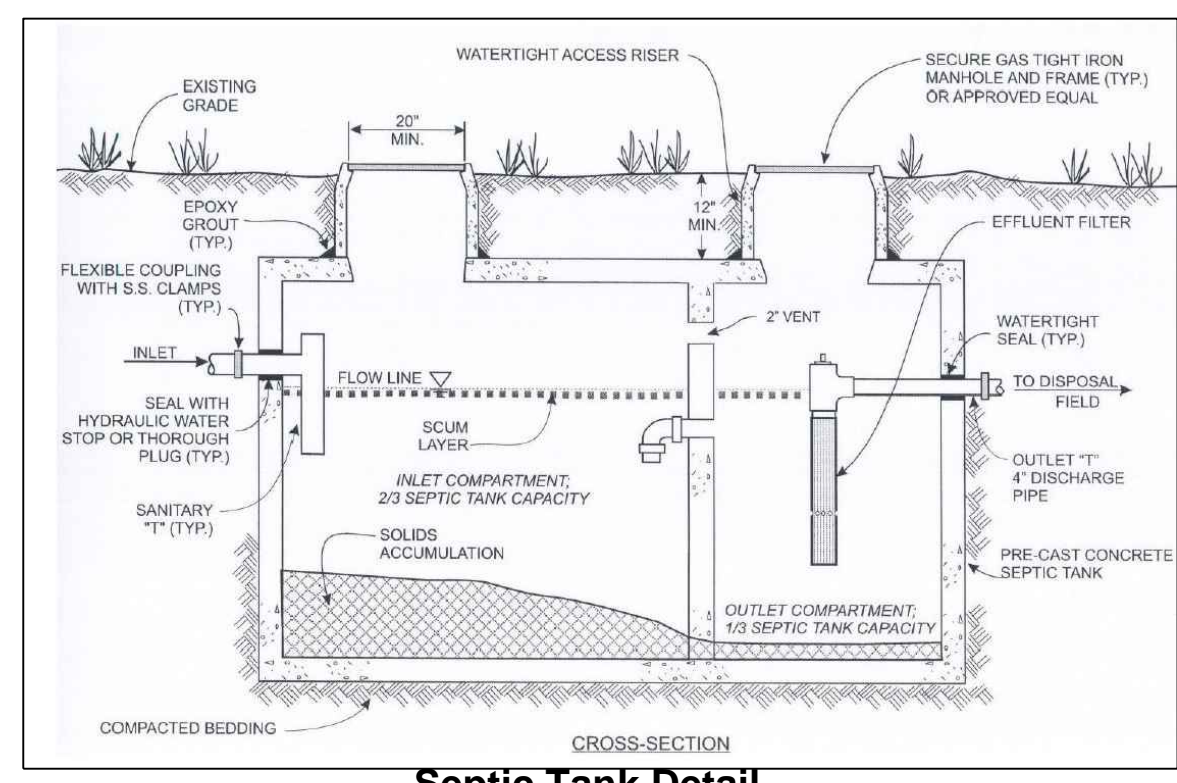
1. Wastewater design flow = 600 GPD
2. Adjusted stabilized percolation rate = 41.42 MPI
3. Wastewater application rate = 0.47 GPD/SQFT
4. Width of Trench = 36 Inches
5. Rock below perforated drain pipe = 12 Inches
6. Infiltration area per linear foot = 5

**Design Calculations**  
600 GPD / 0.47\*5 = 255.3 LF

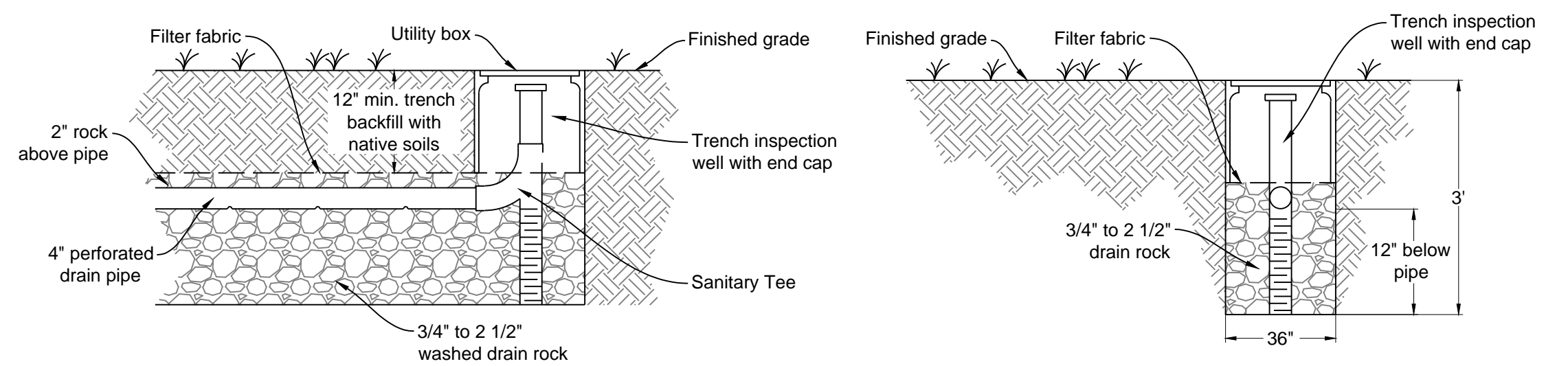
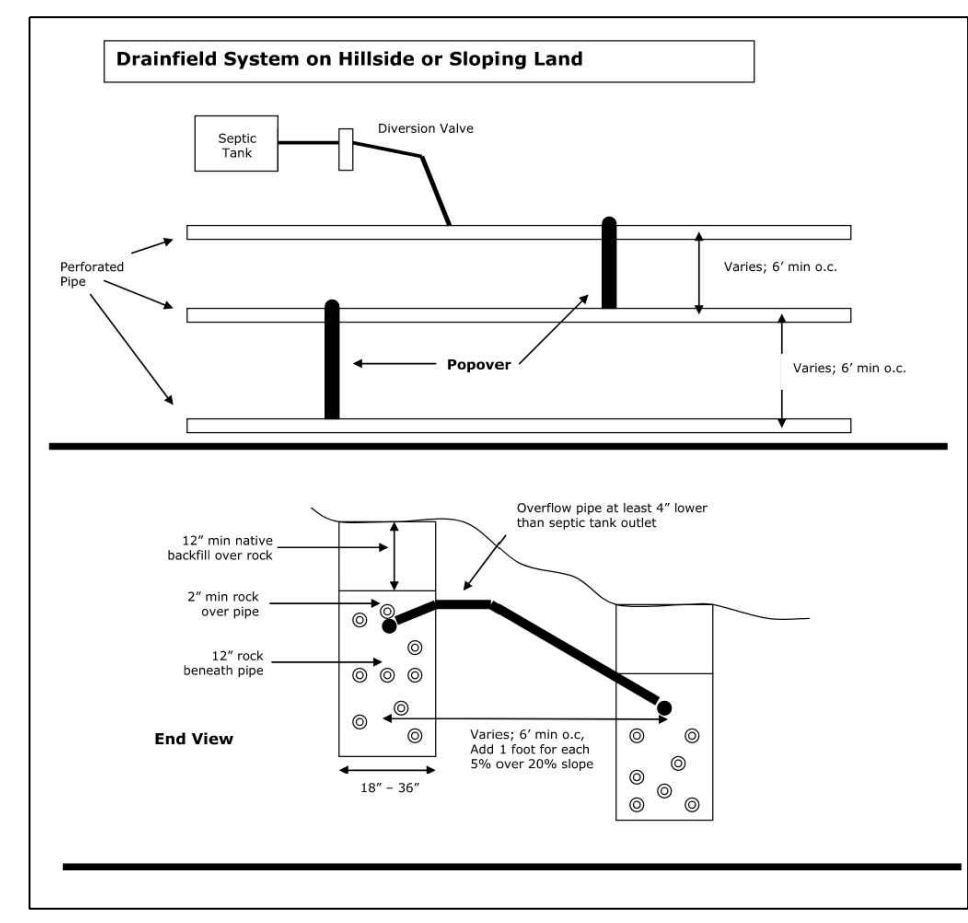
**Dispersal Field Required = 256 LF + 256 LF**

## Construction Notes

1. Install Chapin Precast "Pinnacle" septic tank Model IPS-1500 with Orenco riser adapters and effluent filter cartridge Model PL-68 on outlet.
2. The manhole riser covers shall extend to the ground surface with bolt down lids.
3. The septic tank must pass the water tightness test required by DEH.
4. Install Bull Run diversion valve in location shown. The diversion valve shall be enclosed (covered) by a Oldcastle Precast Underground box (10"x16") or equal with waterproof cover.
5. Each outlet of the diversion valve shall connect to a 4" PVC pipe as shown.
6. Install dual dispersal fields of 256 linear feet each side of the diversion valve as shown.
7. Each dispersal trench shall be separated 6 feet apart measured from center to center.
8. Install inspection port at end of each trench and cover each riser with a utility box for ease of access and protection from damage.
9. No portion of the dispersal field shall be within 100 feet of a well.

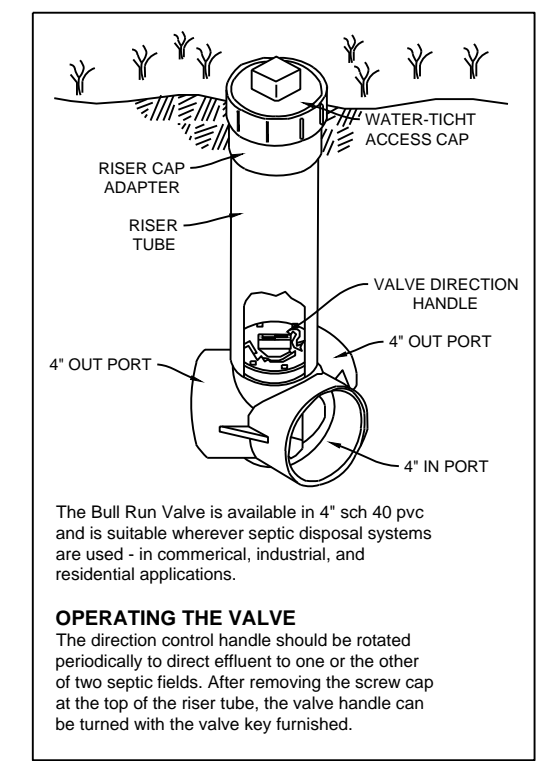


Septic Tank Detail



Trench Detail - Side View

Trench Detail - End View



Diverter Valve Detail

FARIA ENGINEERING & SURVEYING			
1656 Cienega Road Unit 100 Hollister, CA 95023		David Faria (832) 515-7650	
Owner / Applicant: Gamble		SEI: 0679159	Date: 1/22/2024
Location: El Matador Drive		121215, Plan File:	121215, Plan File
Contract Person: David Faria / RCE		Phone: 602-515-7650	BETIS: Post Dates
Sheet 1 of 1			
1'		1'	
2'		2'	
3'		3'	
4'		4'	
5'		5'	
6'		6'	
7'		7'	
8'		8'	
9'		9'	
10'		10'	
11'		11'	
12'		12'	
13'		13'	
14'		14'	
15'		15'	
16'		16'	
BLACK ADHORE CLAY		BLACK ADHORE CLAY	
SAND CLAY		SAND CLAY	
END OF 16.5 FEET		END OF 11.5 FEET	
FOR OFFICE USE ONLY			
Frank Size: 1 inch Line (0.1)			

# FARIA ENGINEERING & SURVEYING

1656 Cienega Road Unit 100  
Hollister, CA 95023

David Faria  
(952)515-7520

Owner / Applicant: Gamble

SEI: 0679179

PIN File: F.N.A.

Location: 121215 Hwy 101

121215, Plan File:

Sheet: 12/20/2025

Contract Person: David Faria

Phone: 602-515-7650

Phone: 602-515-7650

Block 2'		Depth: 2'	
Time		Water Level	
Start	Time	Start	Time
9:00	9:10	10:15	10:25
9:10	9:20	10:25	10:35
9:20	9:30	10:35	10:45
9:30	9:40	10:45	10:55
9:40	9:50	10:55	11:05
9:50	10:00	11:05	11:15
10:00	10:10	11:15	11:25
10:10	10:20	11:25	11:35
10:20	10:30	11:35	11:45
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FOR OFFICE USE ONLY

Link Size: 1 inch Line (0.1)

Page 1 of 1

07/14/2025 9:50 AM  
**FOR PLANCHHECK ONLY**

REGISTERED PROFESSIONAL ENGINEER  
DAVID L. FARIA  
No. 92432  
EXP. 06-30-2027  
CIVIL  
STATE OF CALIFORNIA  
**FOR PLANCHHECK ONLY**  
signature not in project can not approve

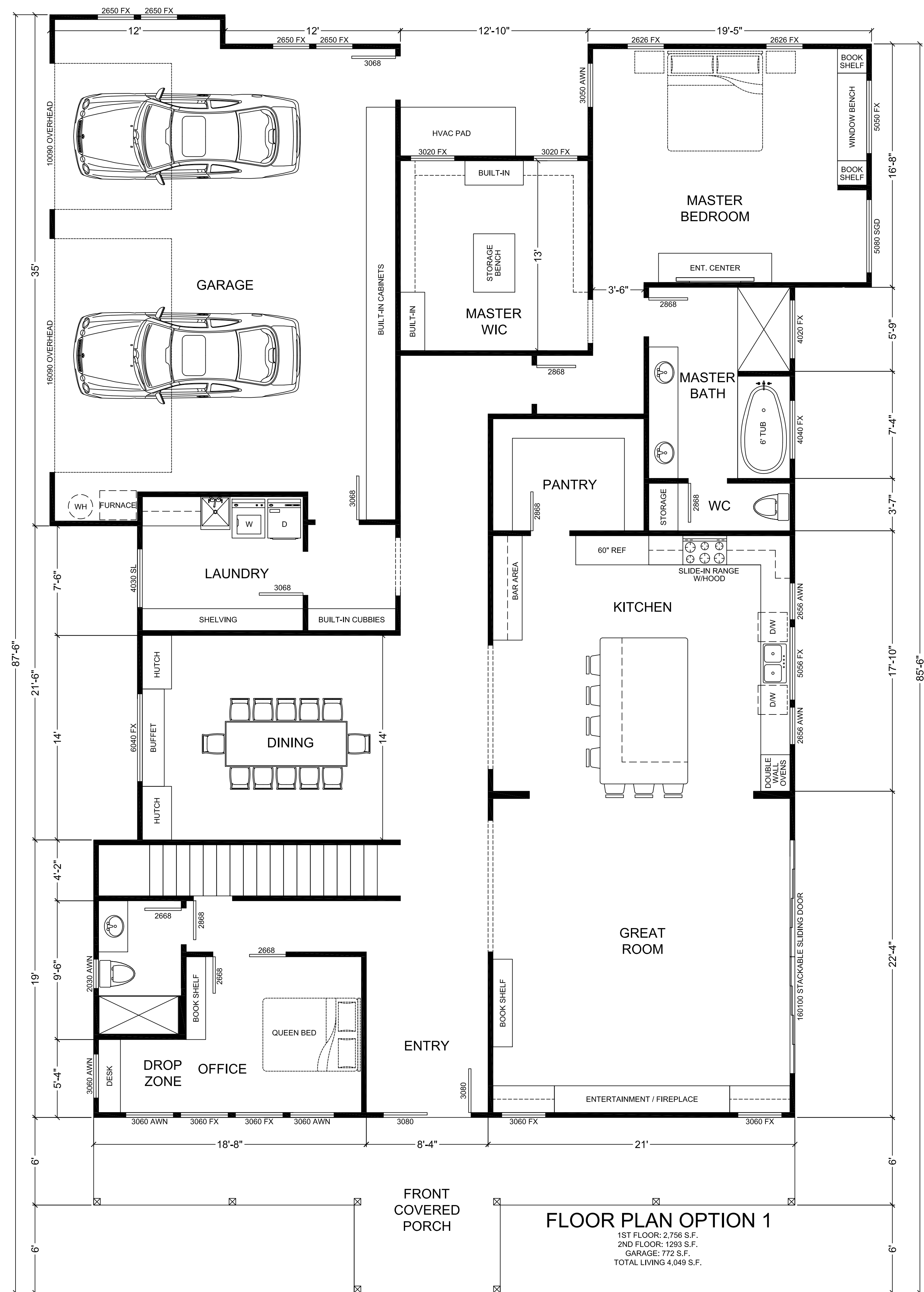
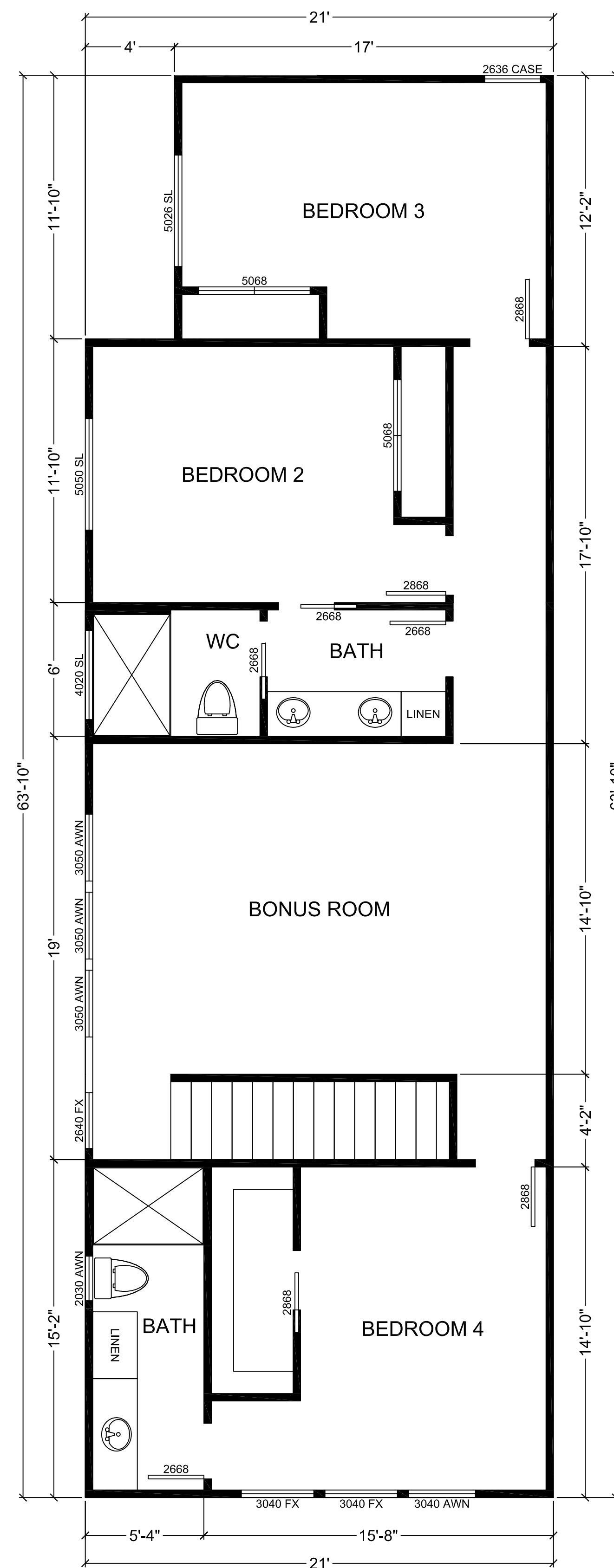
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4	-	-	-
5	-	-	-
REVISIONS	BY		

**FARIA ENGINEERING & SURVEYING**  
PLANNING • BUILDING • SEPTIC  
david@fariaengineering.com  
602-515-7650

**Gamble - OWTS**  
**El Matador Drive - APN 756-31-105**

DATE: 7/14/2025  
SCALE: 1" = 20'  
DRAWN BY: FF  
CHECKED BY: DF  
JOB NO.  
**224096**  
SHEET NO.: 3  
OF 3





REVISIONS	
1	
2	
3	
4	
5	
6	
7	
8	



**SOUTH BAY  
DESIGN**

**ALEX VALLES**  
PRINCIPAL/OWNER  
P.O. BOX 27  
CLISTER, CA 95024  
831.207.9677  
design27@yahoo.com

GAMBLE RESIDENCE  
GILROY, CA 95020

OPTION #1

DRAWN BY  
A.V.  
CHECKED

DATE
1.22.25
SCALE
1/4" = 1'-0"
JOB NO.

EET

## A2.1




PROPOSED RIGHT ELEVATION



PROPOSED FRONT ELEVATION

REVISIONS	
1	
2	
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4	
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6	
7	
8	



**SOUTH BAY  
DESIGN**  
— DBA —  
**ALEX VALLES**  
PRINCIPAL/OWNER  
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HOLLISTER, CA 95024  
831.207.9677  
sbdesign27@yahoo.com

MAIN DWELLING  
GAMBLE RESIDENCE  
GILROY, CA 95020

ELEVATIONS

DRAWN BY  
A.V.  
CHECKED

DATE  
1.22.25  
SCALE  
1/4" = 1'-0"  
JOB NO.

SHEET  
**A2.2**




PROPOSED LEFT ELEVATION



PROPOSED REAR ELEVATION

REVISIONS	
1	
2	
3	
4	
5	
6	
7	
8	



**SOUTH BAY  
DESIGN**

— DBA —

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MAIN DWELLING  
GAMBLE RESIDENCE  
GILROY, CA 95020

ELEVATIONS

DRAWN BY  
A.V.  
CHECKED

DATE  
1.22.25  
SCALE  
1/4" = 1'-0"  
JOB NO.

SHEET

**A2.3**