



Engineer:
David L. Faria, PE 92432
MH Engineering
16075 Vineyard Blvd.
Morgan Hill, CA 95037
408.779.7381
davidf@mhengineering.com

APN:	712-04-082
Present Use:	Vacant
Proposed Use:	Residential
Present Zoning:	A-40Ac
Existing Improvements:	As Shown
Water:	Proposed well
Sanitary Sewer:	Proposed Septic System
Gas & Electric:	PG&E
Fire Responsibility Area:	LRA
Wildland Urban Interface:	N/A
HCP Area:	Rural Development Area
Gross Area:	12.04 ac
Net Area:	11.84 ac

712-04-082
Vacant
Residential
A-40Ac
As Shown
Proposed well
Proposed Septic System
PG&E
LRA
N/A
Rural Development Area
12.04 ac
11.84 ac

Flood Zone:
The property lies wholly in Zone D, areas in which flood hazards are undetermined, but possible, per FEMA Firm Panel 06085C0604H, 06085C0436H, 06085C0429H, 06085C0437H effective May 18, 2009.

Fire Notes:

1. Fire sprinklers will be a deferred submittal.
 - 1.1. The main house and ADU will have fire sprinklers.
 - 1.2. The Workshop and Greenhouse will not have fire sprinklers.
2. Property is located in the local response area.
3. Property is not in wildland urban interface (WUI).
4. Driveway width will be maintained at 12' minimum with a clear height of 13' 6".
5. All proposed driveways to be made of an all weather surface capable of supporting 75,000 lbs.

Proposed Lot Coverage	
Proposed Residence	4,759 SF
Proposed Garage 1	775 SF
Proposed Garage 2	783 SF
Proposed Covered Patio	823 SF
Total Lot Coverage	7,140 SF

Proposed Development Area		
Proposed Residence, driveway, stormwater treatment area, water tanks, and septic	38,387 SF	0.88 Acres
Total Development Area	38,387 SF	0.88 Acres

Proposed Development Area w/ Onsite Agriculture		
Proposed Residence, driveway, stormwater treatment area, water tanks, and septic	38,387 SF	0.88 Acres
Proposed Greenhouse, Workshop, and driveway	18,507 SF	0.42 Acres
Total Development Area	56,894 SF	1.31 Acres

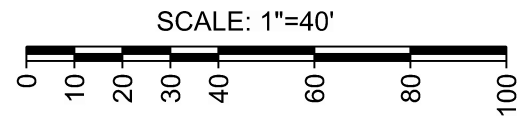
Proposed Onsite Agriculture Area		
Onsite Agricultural Area	315,222 SF	7.24 Acres
Total Agricultural Area	315,222 SF	7.24 Acres

Proposed Floor Area	
Proposed Residence	5,445 SF
Proposed Garage 1 (Residence)	775 SF
Proposed Garage 2 (Residence)	783 SF
Proposed ADU	1,198 SF
Proposed Workshop	3,200 SF
Proposed Greenhouse	4,000 SF
Total Floor Area	15,401 SF

Impervious Area Summary	
Proposed Structures	14,713 SF
Proposed Backyard Porch (Main House)	5,183 SF
Proposed Sideyard Porch (Main House)	261 SF
Proposed Frontyard Porch (Main House)	539 SF
Proposed Pool	950 SF
Proposed Frontyard Porch (ADU)	368 SF
Proposed Main House Driveway	5,469 SF
Proposed ADU Driveway	2,829 SF
Total New Impervious Area	30,312 SF



	Proposed structure		(ex structure)
	Proposed Concrete		(ex pavement)
	Proposed AC		Existing Contour
	Proposed AB		



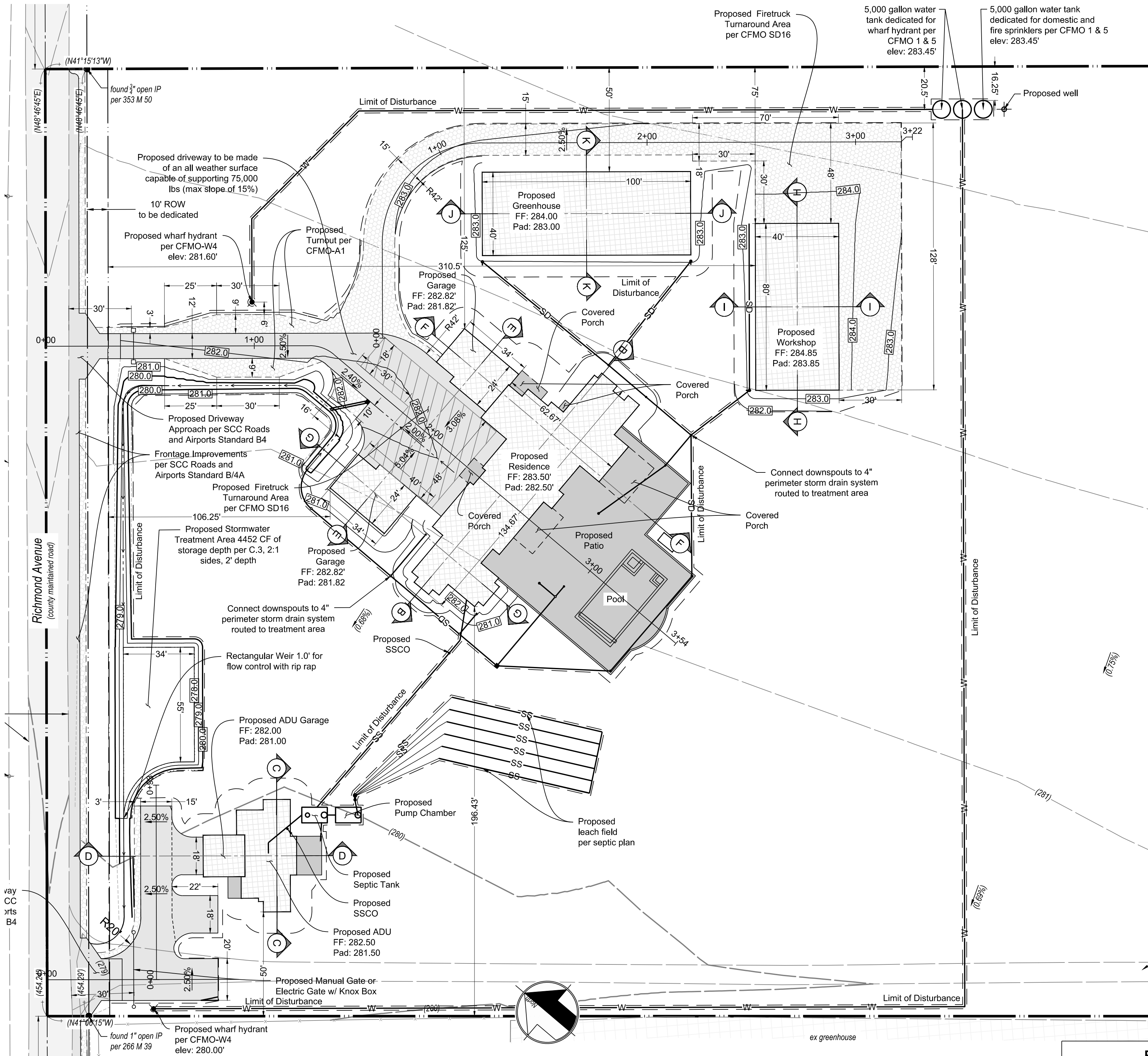
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Nalukas - Site Plan
Richmond Ave - APN# 712-04-082

DATE:	5-6-22
SCALE:	1" = 40'
DRAWN BY:	dy
CHECKED BY:	df

JOB NO.	
221037	
SHEET	1
OF	3



Earthwork Quantities					
	Cut	Fill	Net	Max Cut	Max Fill
Residence	0 cy	243 cy	230 Fill	0.00 ft	1.70 ft
Garage 1 (Residence)	0 cy	5 cy	5 Fill	0.00 ft	0.28 ft
Garage 2 (Residence)	0 cy	26 cy	26 Fill	0.00 ft	0.92 ft
Residence Driveway	70 cy	15 cy	55 Cut	1.21 ft	1.15 ft
Residence Porches	0 cy	219 cy	219 Fill	0.00 ft	1.14 ft
ADU	0 cy	92 cy	87 Fill	0.00 ft	1.75 ft
ADU Garage	0 cy	19 cy	19 Fill	0.00 ft	1.20 ft
ADU Driveway	42 cy	1 cy	41 Cut	0.75 ft	0.59 ft
Workshop	0 cy	268 cy	255 Fill	0.00 ft	1.35 ft
Greenhouse	0 cy	149 cy	136 Fill	0.00 ft	0.85 ft
Gravel Driveway	143 cy	42 cy	77 Cut	1.00 ft	1.27 ft
Drainage & Stormwater Treatment Area	326 cy	9 cy	317 Cut	2.40 ft	0.68 ft
Total	581 cy	1,088 cy	507 Fill		

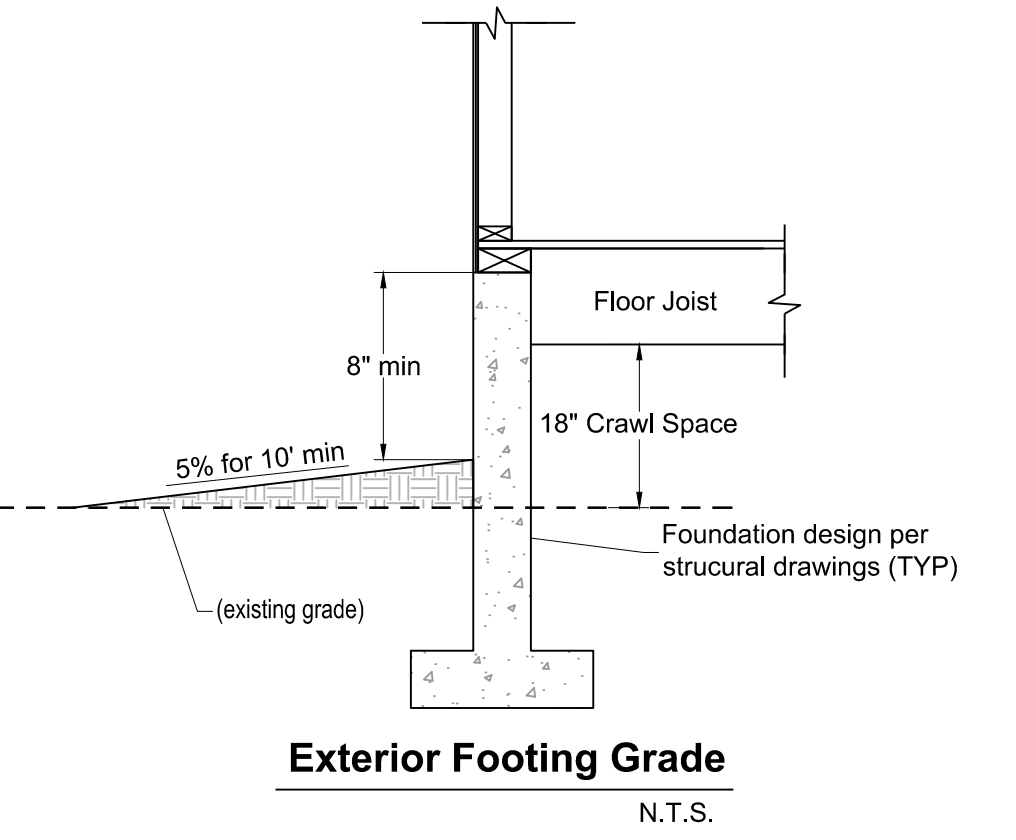
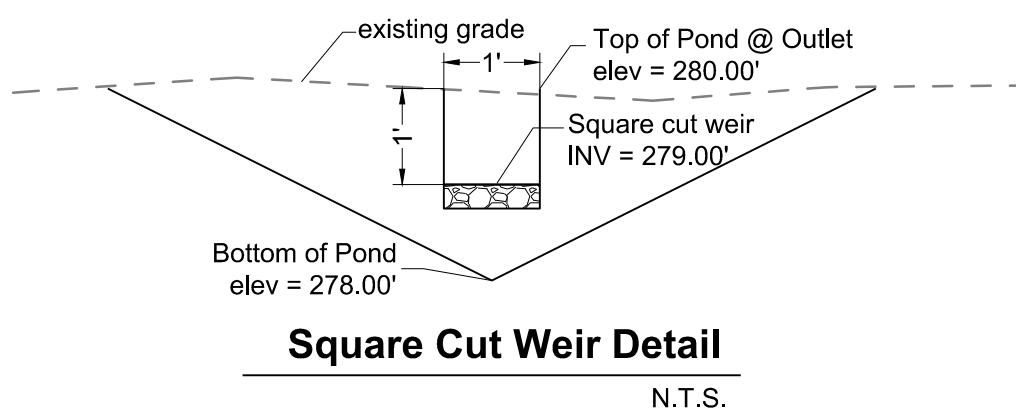
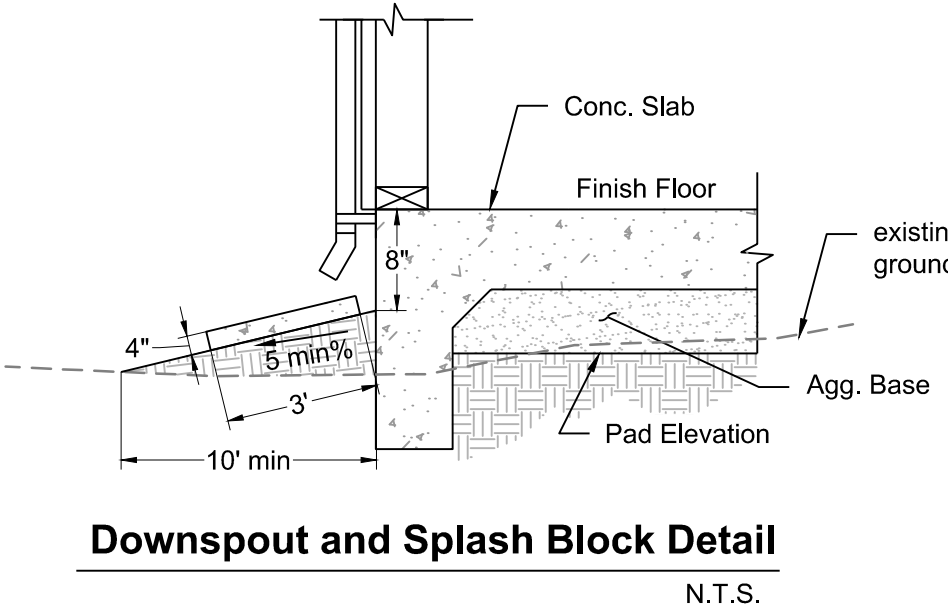
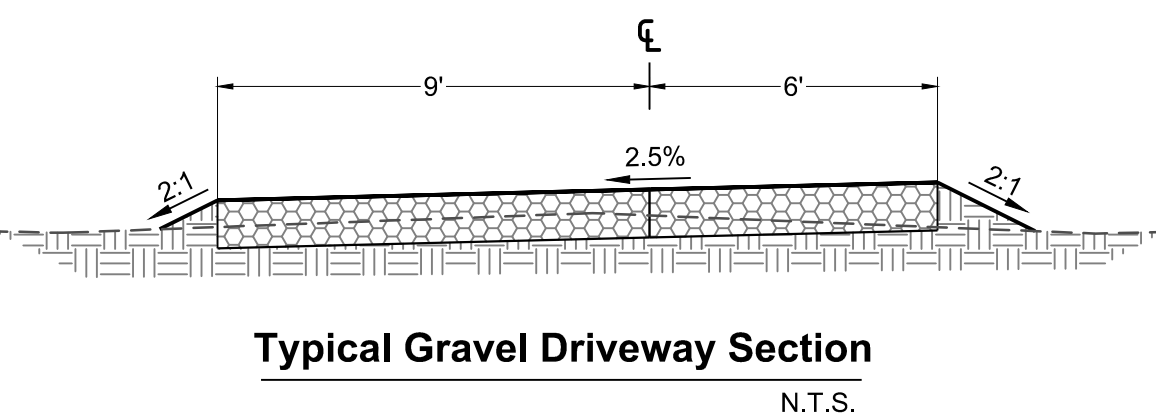
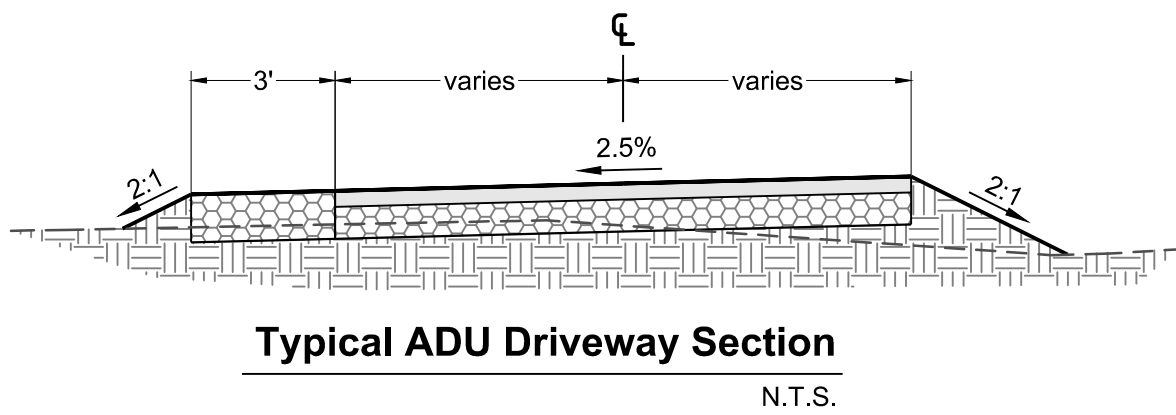
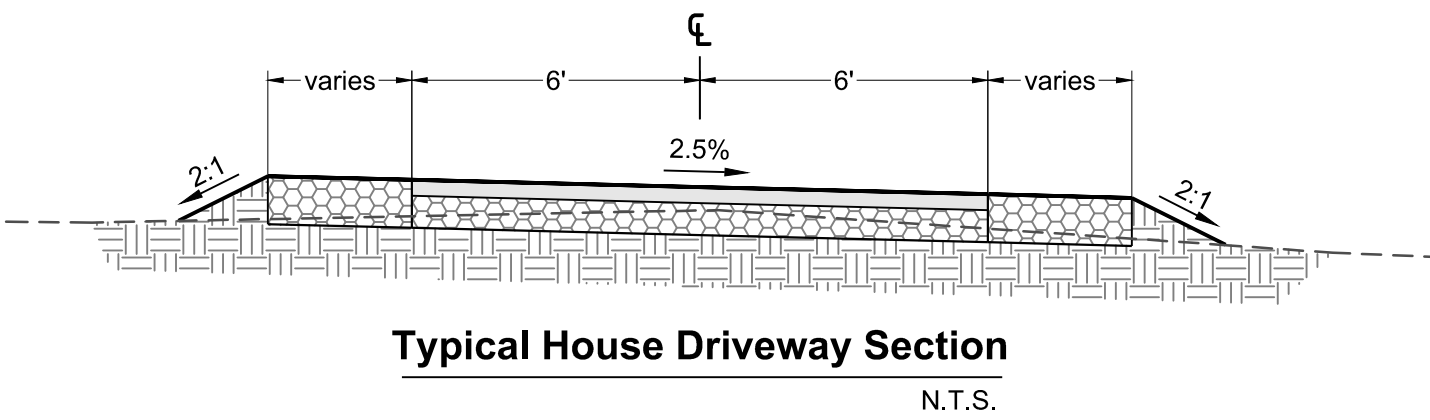
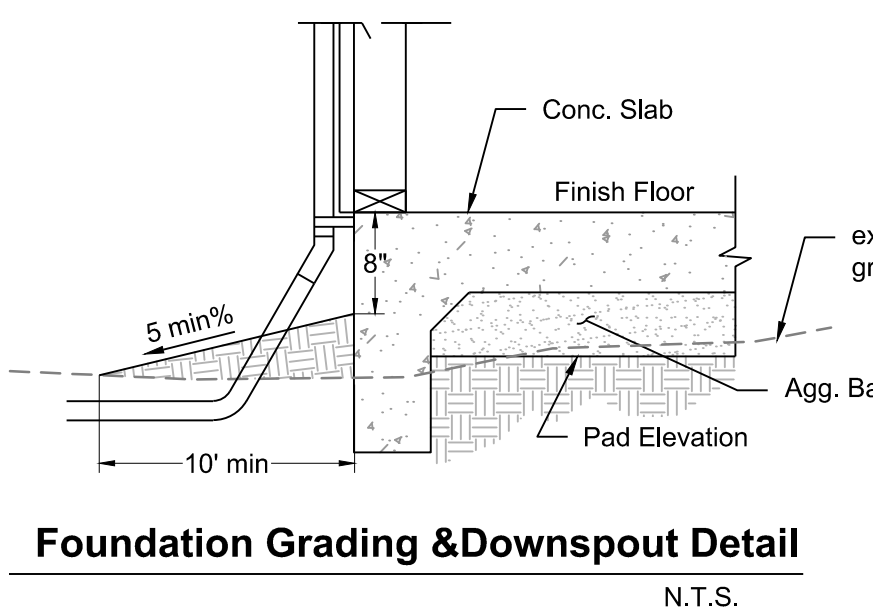
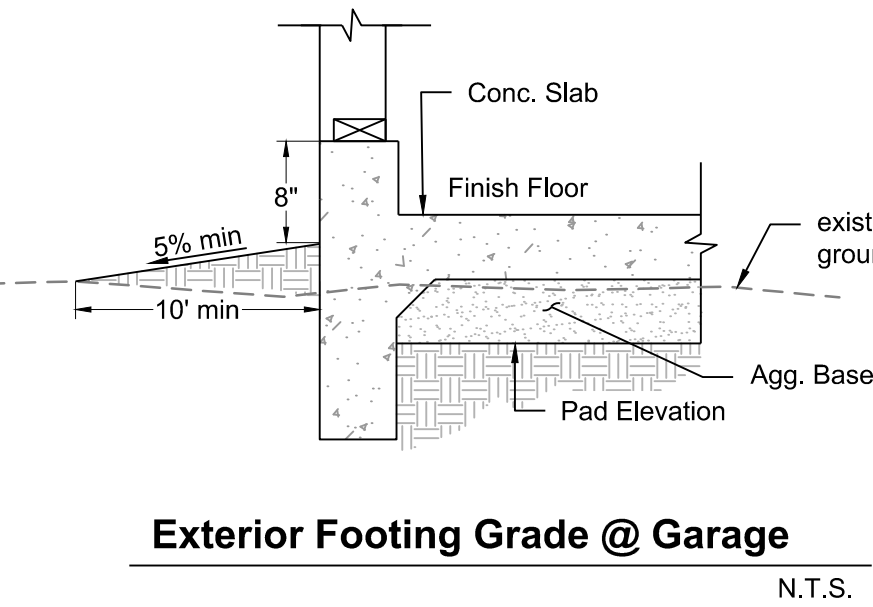
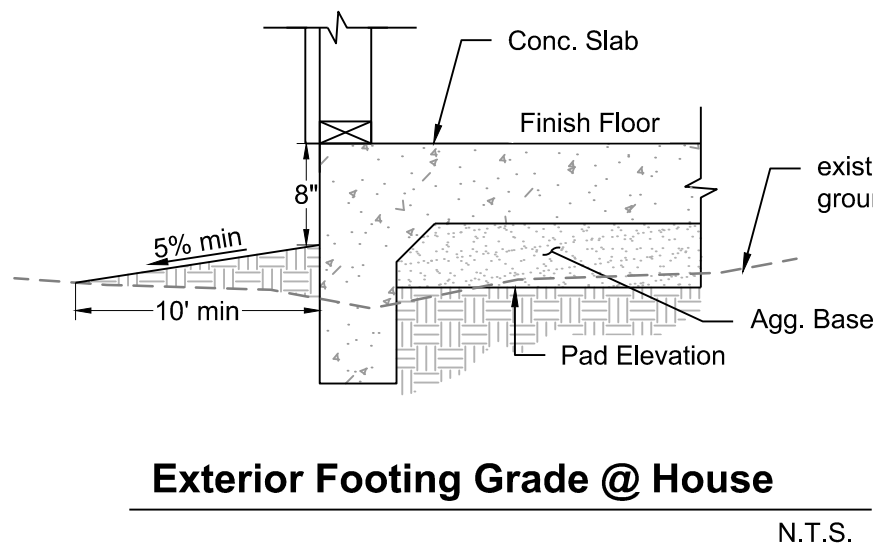
LEGEND

- Proposed structure
- Proposed Concrete
- Proposed AC
- Proposed AB
- (ex structure)
- (ex pavement)
- Existing Contour

Total Disturbed Area: 69,876 sq.ft.

Proposed Floor Area	
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FOR PLANCHECK ONLY

REGISTERED PROFESSIONAL ENGINEER
DAVID L. FARIA
No. 92432
EXP. 06-30-2023
CIVIL
STATE OF CALIFORNIA
FOR PLANCHECK ONLY
signature and seal are required for approval

Nalukas - Preliminary Grading Plan

Richmond Ave - APN# 712-04-082

DATE: 5-6-22

SCALE: 1" = 30'

DRAWN BY: dy

CHECKED BY: df

JOB NO.
221037

SHEET
2

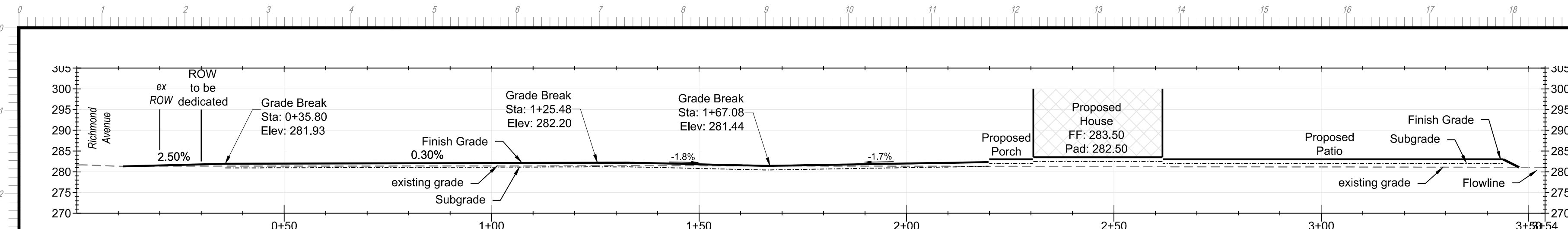
OF
3

MH engineering Co.

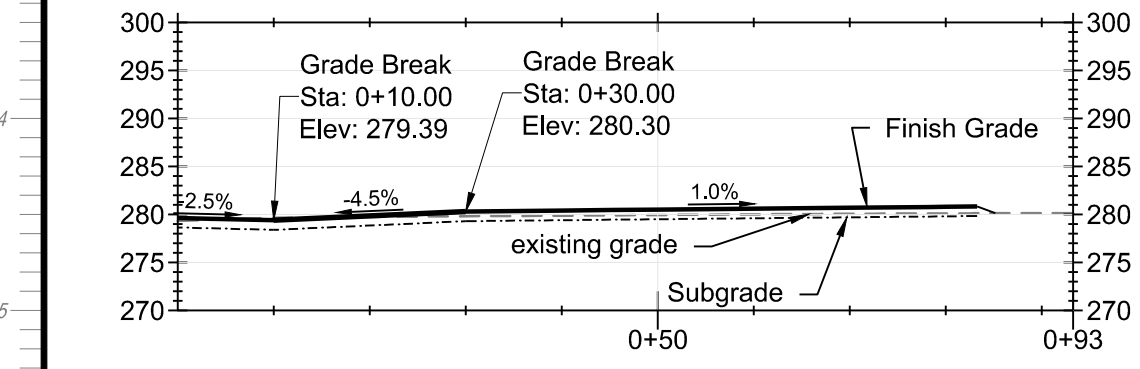
16075 Vineyard Boulevard
Morgan Hill, CA 95037

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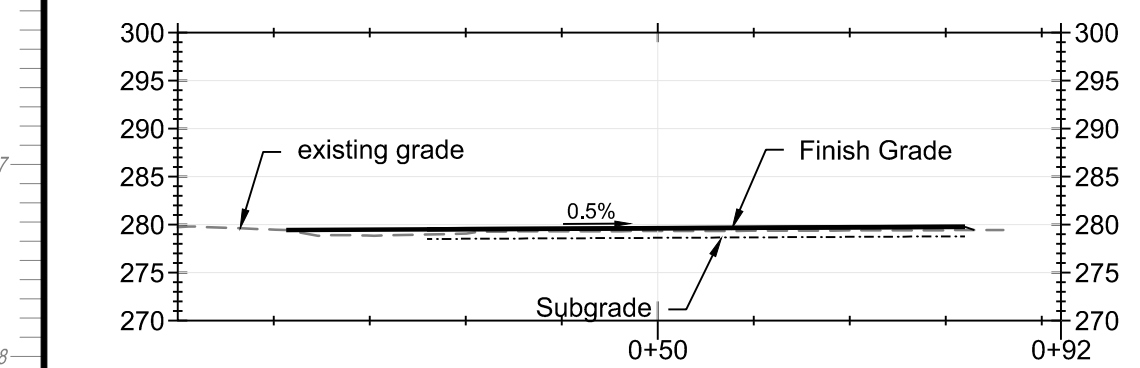
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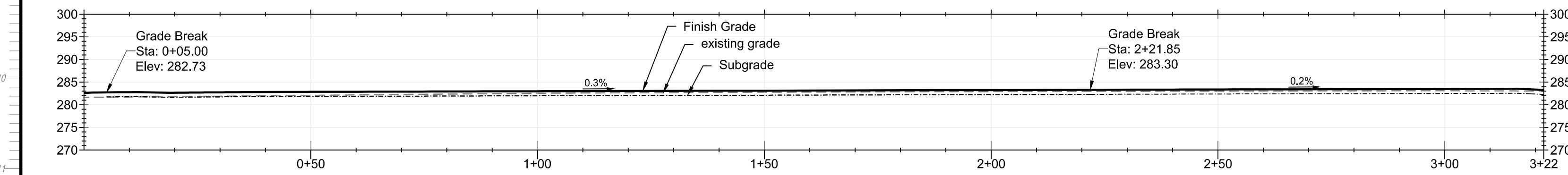
PROFILE: Driveway - Main House
SCALE H: 1"=20' SCALE V: 1"=20'



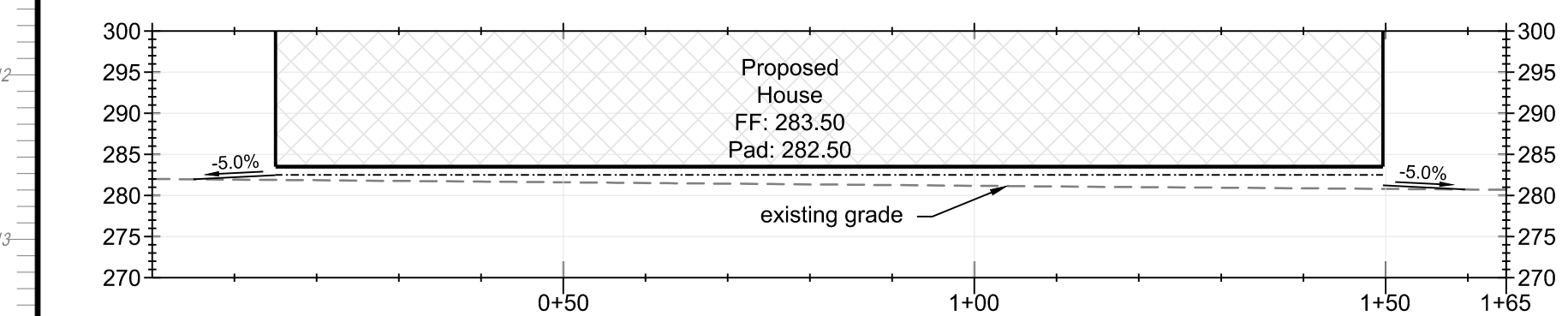
PROFILE: Driveway to ADU
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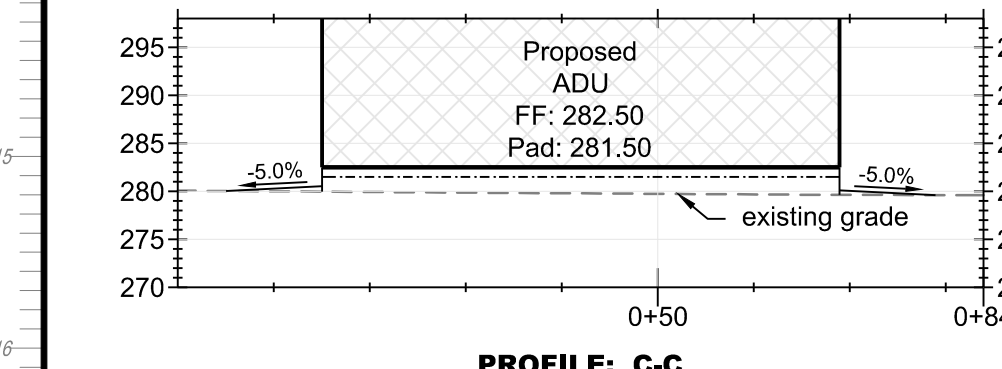
PROFILE: Driveway to ADU Entrance
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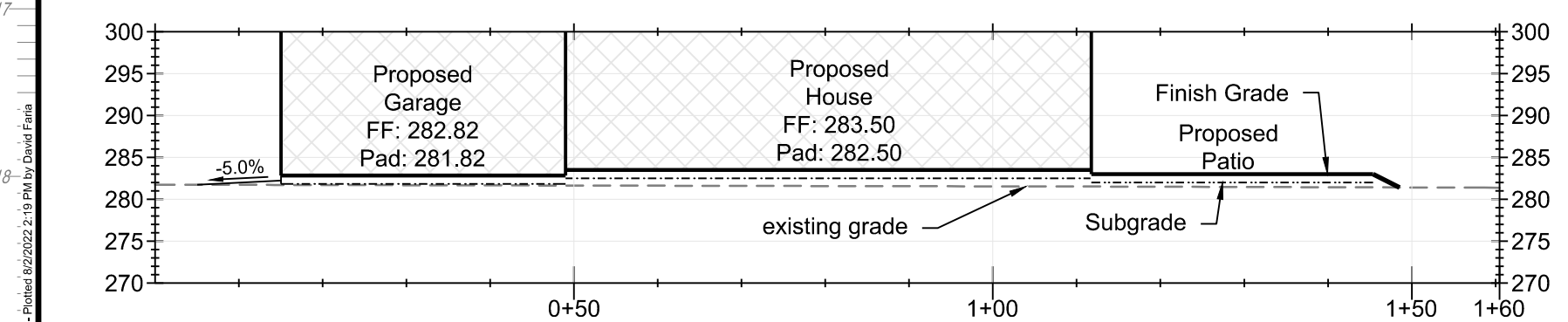
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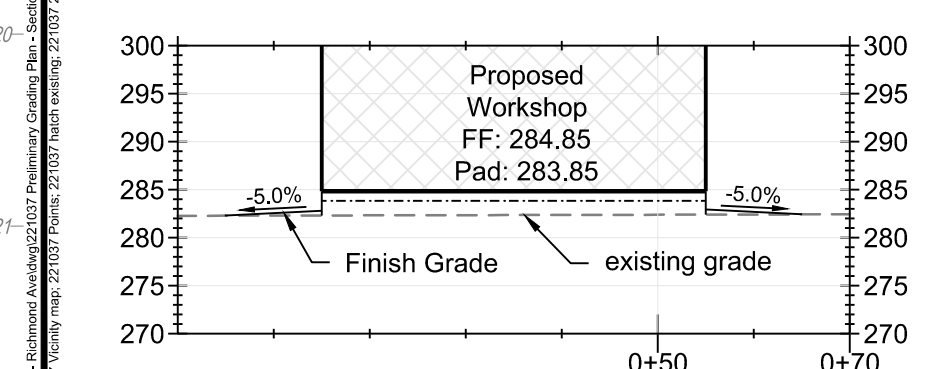
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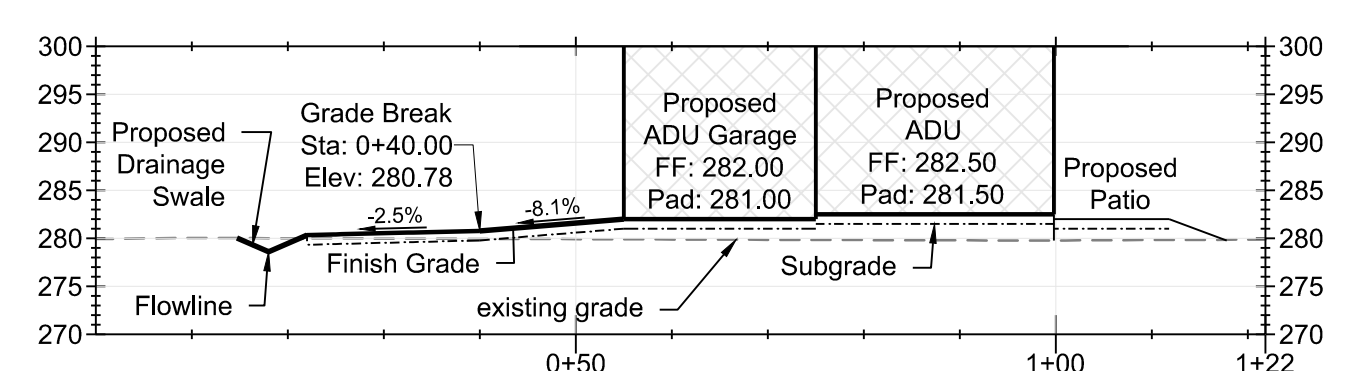
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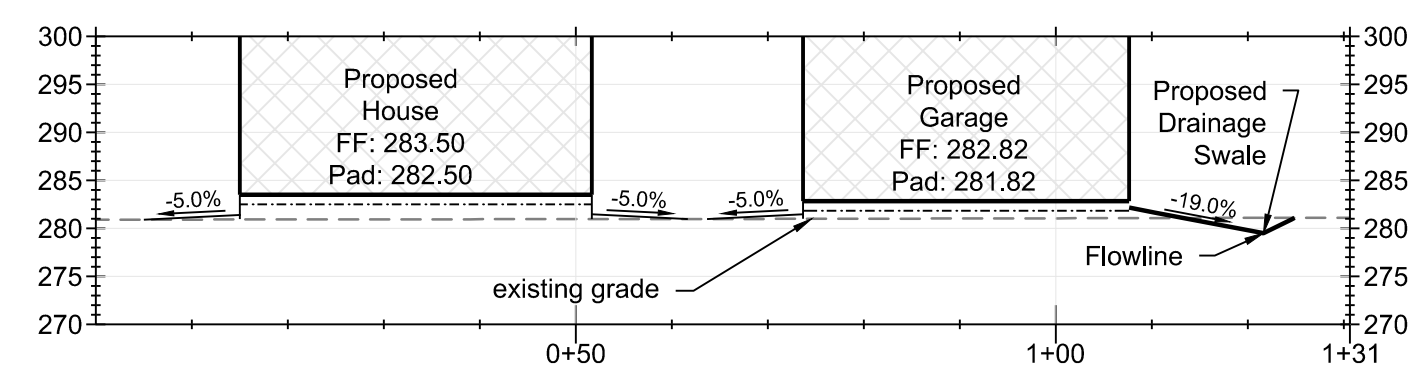
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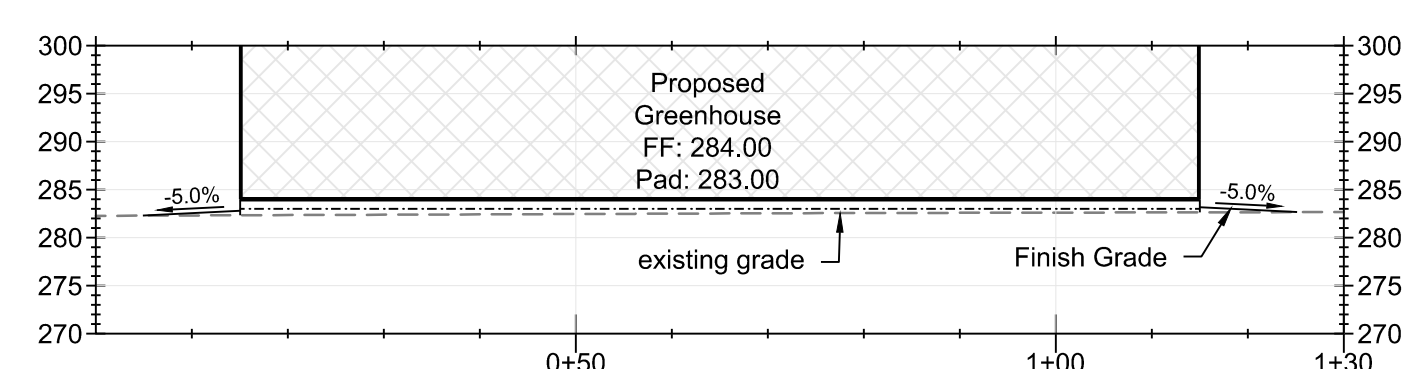
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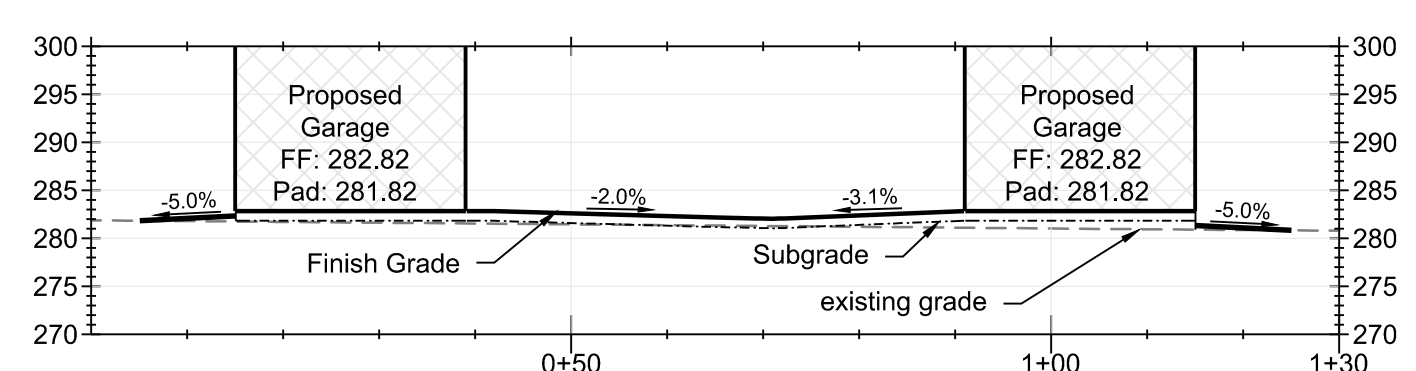
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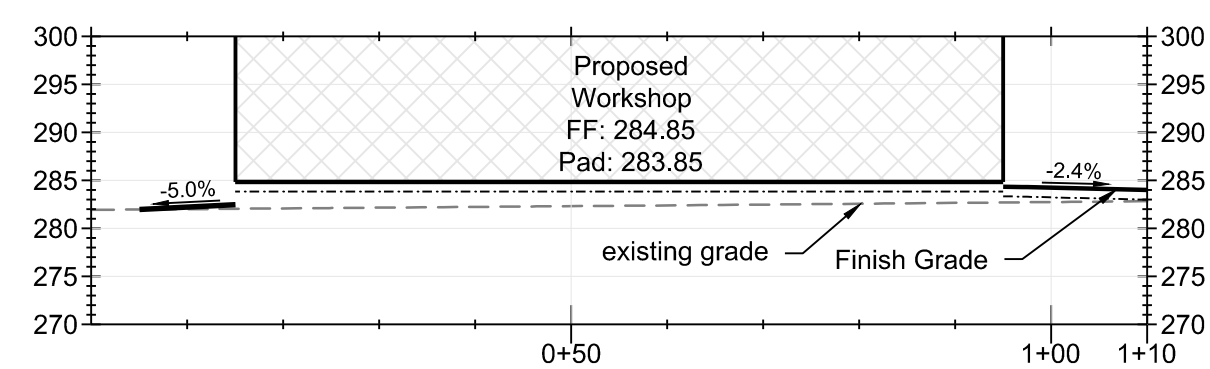
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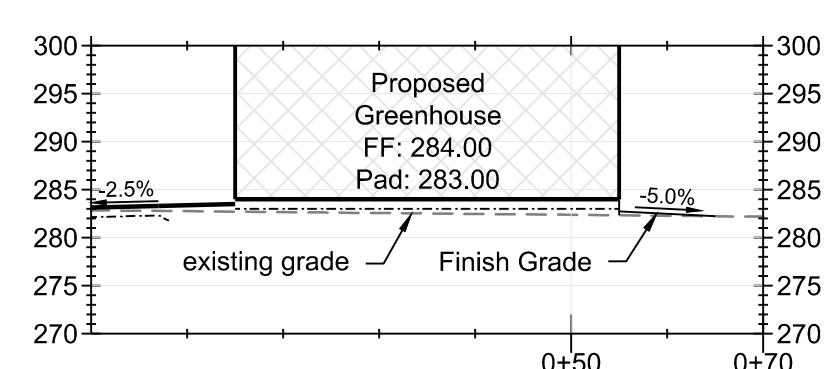
PROFILE: J-J
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PROFILE: E-E
SCALE H: 1"=20' SCALE V: 1"=20'



PROFILE: H-H
SCALE H: 1"=20' SCALE V: 1"=20'



PROFILE: K-K
SCALE H: 1"=20' SCALE V: 1"=20'



MH engineering Co.
16075 Vineyard Boulevard
Morgan Hill, CA 95037

Nalukas - Sections
Richmond Ave - APN# 712-04-082

DATE: 5-6-22
SCALE: 1" = 20'
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CHECKED BY: df
JOB NO.
221037
SHEET
3
OF
3