

	CONSUL	TANTS	
i- OUNER:	Mr. & Mrs. HELWEH 320 MANZANITA CT. MILPITAS, CA 95035	TEL: E-MAIL:	(408) 802-9774 danahelweh®gmail.com
2- CI∕IL:	LC ENGINEERING 598 E. SANTA CLARA ST. STE. 270 SAN JOSE, CA 95112	TEL: E-MAIL:	(408) 806-7187 nle@lcengineering.net
3- DESIGN:	MEMARIE ASSOCIATES 7280 BLUE HILL DR. SUITE #5 SAN JOSE, CA 95129	TEL: E-MAIL:	(408)559-8037 reza⊕memarie.com
4- 501L:	SILICON VALLEY SOIL ENGINEERING SEAN DEIVERT 1916 O'TOOLE WAY SAN JOSE, CA 95131	TEL: E-MAIL:	(408) 324-1400 sdeivert@siliconvalleysoil.com
5- GEOLOGIST:	STEVEN F. CONNELLY, C.E.G. STEVEN F. CONNELLY 1169 AVENIDA BENITO SAN JOSE, CA 95131	TEL: E-MAIL:	(408) 398-9339 steve®stevenfconnelly.com

	OWELLING UNIT 031		The use of these plans and specifications shall be restricted by any method, in whole or in part, is problet to the plans and specifications with Memarie A publication by any method, in whole or in part, is problet to the plans and specifications remains with Memarie A pesigner without prejudice. Visual contact with these present to the restrictions.           Client:         Mr. & Mrs. Helweh           320 Manzanita Ct.         320 Manzanita Ct.	cted to the ton thereof tion or bited. Title associates plans and
<i></i>			Project: One Story House & A.D.U Scheller Ave. Morgan Hill, CA 95037	J.
	MAIN HOUSE ARTMENT PLAN CHECK SUBMITTAL (NOT FOR CONSTRUCTION)	APPROVED FOR CONSTRUCTION	Client RevisionsNo.Description1Design2Design3Design4Design5Design6Design7Design8Design	Date 06/04/21 06/14/21 07/28/21 08/17/21 09/14/21 10/19/21 06/27/22 08/30/22
	APN: ZONING: LOT SIZE: TYPE OF OCCUPANCY: TYPE OF CONSTRUCTION: MAXIMUM HEIGHT: MAXIMUM LOT COVERAGE: PROJECT ADDRESS: FIRE SPRINKLERS: TSOU SUBMITTAL	SETBACK       REQUIRED       MAIN HOUSE       ADU.         FRONT:       30'-0"       100'       101'-6"         REAR:       30'-0"       660'       684'         RIGHT:       30'-0"       75'       313'-5"         LEFT:       30'-0"       291'-6"       15'	9     Design       10     Design       11     12       City Revisions       No.     Description       1     Planning Comments       2     County Comments       3     4       5     6       7     7	11/21/22         03/08/23         Date         06/27/22         08/30/22
	SCOPE OF WORKS: - BUILD 4519 5Q FT. ONE STORY HOUSE WITH 849 5Q FT. ATTACHED GARAGE, 182 5Q FT. FRONT COVERED PORCH, 4 603 5Q FT. REAR COVERED PORCH. - BUILD 136 5Q FT. SECONDARY DWELLING UNT WITH 438 5Q FT. CARPORT, 151 5Q FT. FRONT COVERED PORCH, 4 466 5Q FT. REAR COVERED PORCH. PROPOSED MAIN HOUSE: LIVING AREA: GARAGE: REAR COVERED PORCH: REAR COVERED PORCH: REAR COVERED PORCH: REAR RIGHT DECK: STAIRS: PROPOSED ADU: LIVING AREA: CARPORT: REAR COVERED PORCH: REAR COVERED PORCH: LIVING AREA: LIVING AREA: LIVIN	Corde Creek Dalla Corde Creek D	8 Signature: Date: Scale: Drawn By: Checked By: Sheet Title: Main House Cover Sheet Sheet No.: Sheet No.: Job: Scheller	

<u>NOTES</u>

1. FOR MORE INFORMATION, SEE CIVIL DRAWINGS.

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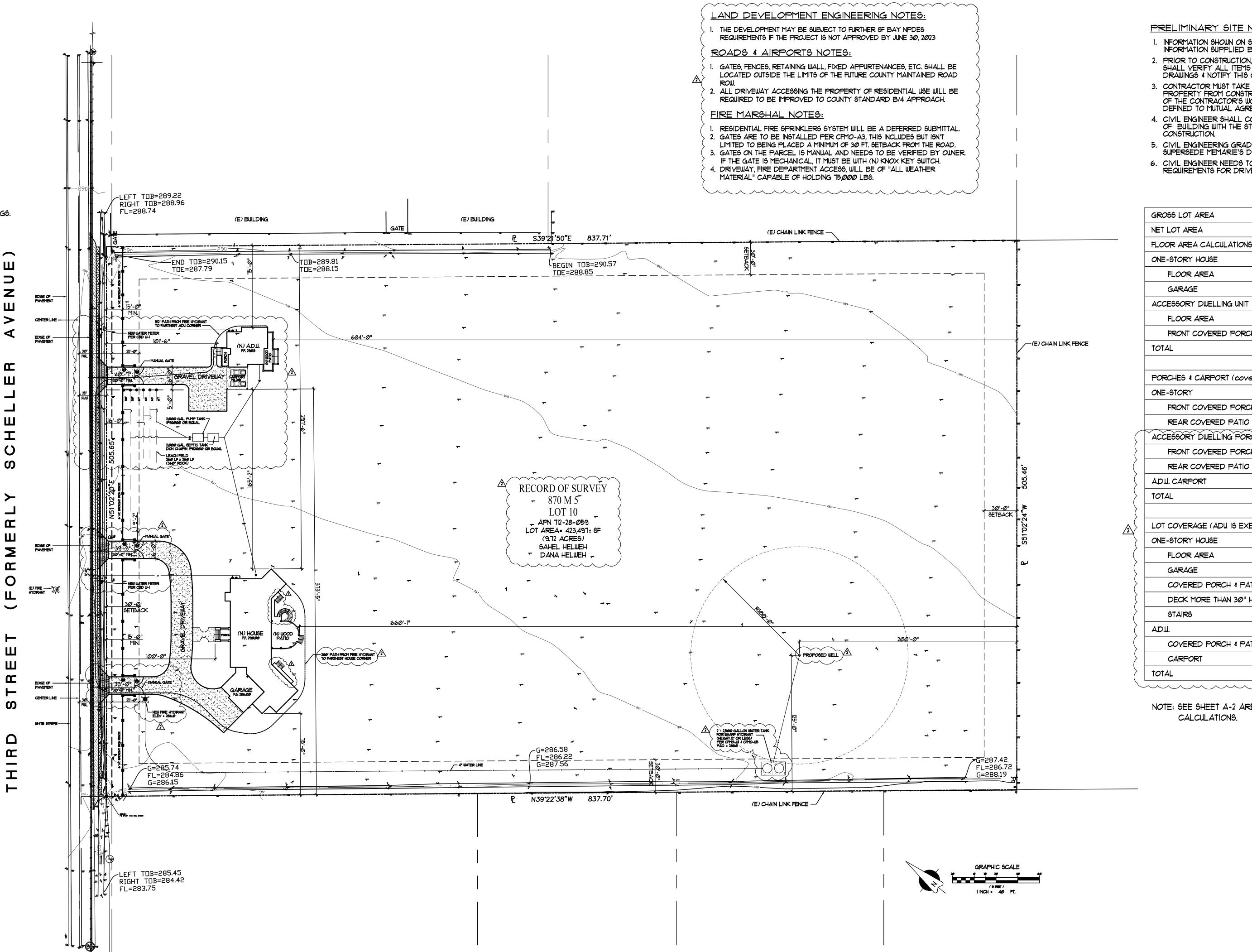
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PRELIMINARY SITE NOTES 1. INFORMATION SHOWN ON SITE PLAN IS BASED ON

INFORMATION SUPPLIED BY OWNER. PRIOR TO CONSTRUCTION, THE GENERAL CONTRACTOR SHALL VERIFY ALL ITEMS SHOWN AS EXISTING ON THESE

DRAWINGS & NOTIFY THIS OFFICE OF ANY DISCREPANCIES 3. CONTRACTOR MUST TAKE PRECAUTIONS TO PROTECT OWNER'S PROPERTY FROM CONSTRUCTION OPERATIONS. THE BOUNDARY

OF THE CONTRACTOR'S WORK & STORAGE AREAS WILL BE DEFINED TO MUTUAL AGREEMENT BY CONFERENCE.

4. CIVIL ENGINEER SHALL COORDINATE FINISH FLOOR ELEVATION OF BUILDING WITH THE STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.

5. CIVIL ENGINEERING GRADING AND DRAINAGE PLANS SUPERSEDE MEMARIE'S DRAWINGS. 6. CIVIL ENGINEER NEEDS TO VERIFY THE FIRE DEPARTMENT REQUIREMENTS FOR DRIVEWAY & FIRE TRUCK TURNAROUND

IØ AC. 9.72 AC. FLOOR AREA CALCULATIONS 4,519 SQ. FT. 849 SQ. FT. 1,196 SQ. FT. 12 SQ. FT. FRONT COVERED PORCH 6,576 SQ. FT.

PORCHES & CARPORT (covered & not greater than 50% enclosed by walls)

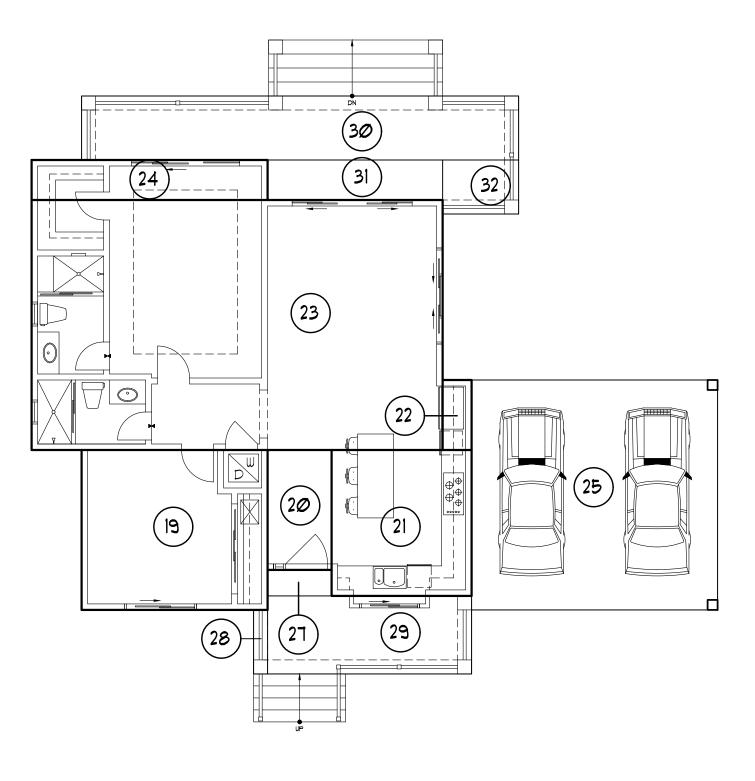
OVERED PORCH	182 SQ. FT.
VERED PATIO	603 SQ. FT.
DWELLING PORCH	
OVERED PORCH	128 SQ. FT.
VERED PATIO	271 SQ. FT.
হা	393 SQ. FT.
	1,577 SQ. FT.
GE (ADU IS EXEMPT)	MAX. 7,500 SQ. FT.
OUSE	
REA	4,519 SQ. FT.
	849 SQ. FT.
D PORCH & PATIO	185 SQ. FT.
DRE THAN 30" HT.	193 SQ. FT.
	75 SQ. FT.
D PORCH & PATIO	399 SQ. FT.
Ť	393 SQ. FT.
	7,213 SQ. FT.
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NOTE: SEE SHEET A-2 AREA CALCULATIONS FOR FLOOR PLAN DIAGRAM & CALCULATIONS.

M MEMARIE ASSOCIATES 7280 Blue Hill Dr., Suite 5 San Jose, CA 95129 Tel: (408) 559-8037 www.memarie.com The use of these plans and specifications shall be restricted to the specific site for which they were prepared and publication thereof shall be expressly limited to such use. Reuse, reproduction or publication by any method, in whole or in part, is prohibited. Title to the plans and specifications remains with Memarie Associates Designer without prejudice. Visual contact with these plans and specifications shall constitute prima facie evidence of the acceptance of the restrictions. Client: Mr. & Mrs. Helweh 320 Manzanita Ct. Milpitas, CA 95035 Project: One Story House & A.D.U. Scheller Ave. Morgan Hill, CA 95037 **Client Revisions** No. Description 06/04/21 Design 06/14/21 2 Design 07/28/21 3 Design 08/17/21 4 Design 09/14/21 5 Design 10/19/21 6 Design 06/27/22 Design \_\_\_\_ 08/30/22 8 Design 9 Design 11/21/210 Design 03/08/23 **City Revisions**  
 No.
 Description

 Image: A state of the 06/27/22 2 County Comments 08/30/22 8 Signature: 05/03/21 1'' = 40'-0''Drawn By: Checked By: Sheet Title: Site Plan Sheet No.: A-J

File: M:\Scheller Ave.



<u>A.D.U.</u>

207 SQ. FT.

53 SQ. FT.

142 SQ. FT.

14 SQ. FT.

\_\_\_\_\_

714 SQ. FT.

66 SQ. FT.

AREA

 $\sim\sim\sim\sim$ A.D.U. FRONT \_\_\_\_\_I POLYGON

(27) 28 TOTAL 

A.D.U. REAR C POLYGON 3Ø 31 32 TOTAL 

			1,136 30. 71.	/
$\left( \right)$			$\frown$	
$\left\langle \right\rangle$	A.D.U. CARF	PORT AREA:		
$\left\langle \right\rangle$	POLYGON	DIMENSIONS	AREA	
	25	20'-6" × 19'-2"	393 SQ. FT.	
	TOTAL		393 SQ. FT.	

DIMENSIONS

A.D.U. FLOOR AREA:

(19) |15'-6" x 13'-4"

5'-4" x 10'-0"

11'-8" x 12'-2"

2'-5" x 5'-1Ø"

34'-3" x 2Ø'-1Ø"

19'-8" x 3'-4"

POLYGON

 $(2\emptyset)$ 

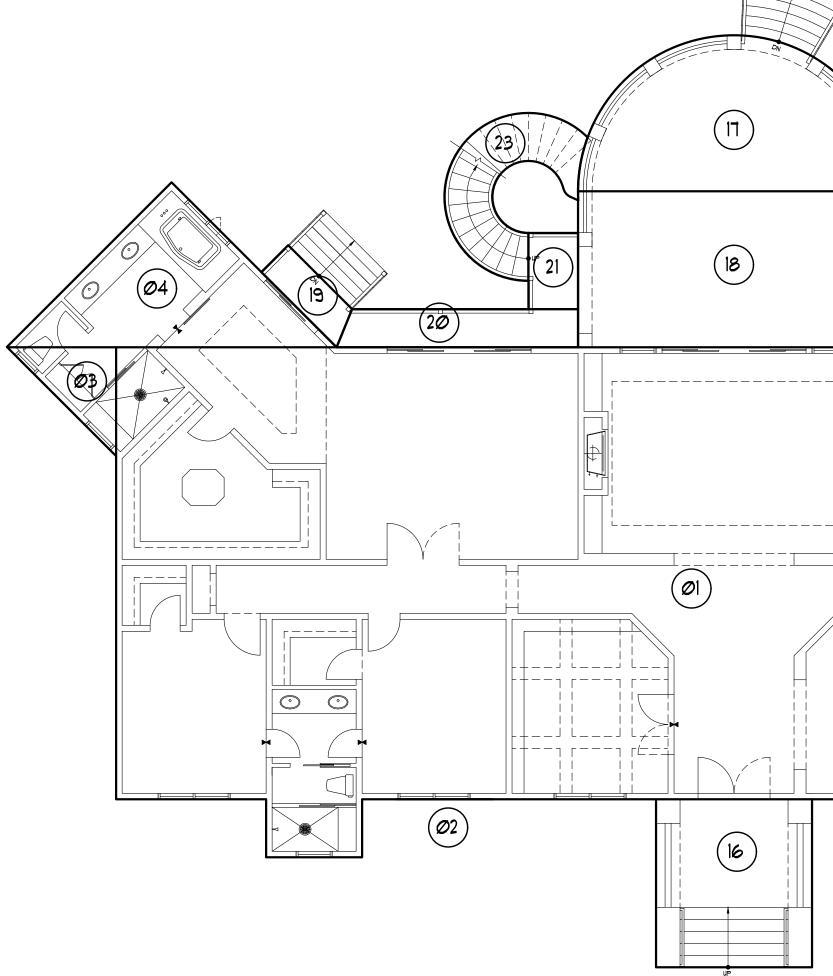
(21)

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(24)

TOTAL		1,196 SQ. FT.
$\checkmark \checkmark \checkmark$		
A.D.U. CARF	PORT AREA:	
POLYGON	DIMENSIONS	AREA
25	20'-6" × 19'-2"	393 SQ. FT.
TOTAL		393 SQ. FT.



# MAIN HOUSE

COVERED PORCH AREA	<u>:</u>
DIMENSIONS	AREA
5'-4" × 2'-2"	12 SQ. FT.
'-2" × 5'-4"	6 SQ. FT.
7'-Ø" x 6'-6"	110 SQ. FT.
	128 SQ. FT.

COVERED PATIO AREA:	
DIMENSIONS	AREA
36'-5" x 5'-4"	194 SQ. FT.
14'-6" × 3'-4"	48 SQ. FT.
6'-4" × 4'-6"	29 SQ. FT.
	271 SQ. FT.

MAIN HOUSE FLOOR AREA: 

POLYGON	DIMENSIONS	AREA
Ø	81'-6" x 37'-8"	3,069 SQ. FT
Ø2	8'-Ø" × 4'-1Ø"	39 SQ. FT
Ø3	(9'-1" × 9'-1")/ 2	41 SQ, FT
<b>Ø</b> 4	(19'-5" x 19'-6")/ 2	189 SQ. FT
Ø5	(3'-3" x 3'-3")/ 2	5 SQ, FT
06	(6'-5" x 6'-5")/ 2	21 SQ. FT
<b>Ø</b> 7	(22'-1Ø"+9'-Ø") × 13'-1Ø"/ 2	22Ø SQ. FT
Ø8)	3@'-3" x 22'-1@"	691 SQ. FT
Ø9	21'-2" × 5'-6"	116 SQ. FT
	12'-1Ø" × 1Ø'-Ø"	128 SQ. FT
TOTAL		4,519 SQ. FT

## MAIN HOUSE GARAGE AREA:

POLYGON	DIMENSIONS	AREA
	19'-6" x 27'-Ø"	527 SQ. FT.
(12)	11'-6" × 18'-11"	218 SQ. FT.
(13)	(5'-5" + 11'-6") x 6'-2"/ 2	52 SQ. FT.
14	(6'-5" x 6'-5")/ 2	21 SQ. FT.
15	(3'-9" + 8'-8") x 4'-11"/ 2	31 SQ. FT.
TOTAL		849 SQ. FT.

=		E FRONT COVERED PORCH	AREA:	
	POLYGON		AREA	
 T.		13'-Ø" × 14'-Ø"	182 SQ. FT.	
T.	TOTAL		182 SQ. FT.	
Ť.				

MAIN HOUSE REAR COVERED PATIO AREA:		
POLYGON	DIMENSIONS	AREA
	26'-Ø" × 13'-Ø"	338 SQ. FT.
18	3.14 × 13'-Ø" × 13'-Ø"/ 2	265 SQ. FT.
TOTAL		603 SQ. FT.

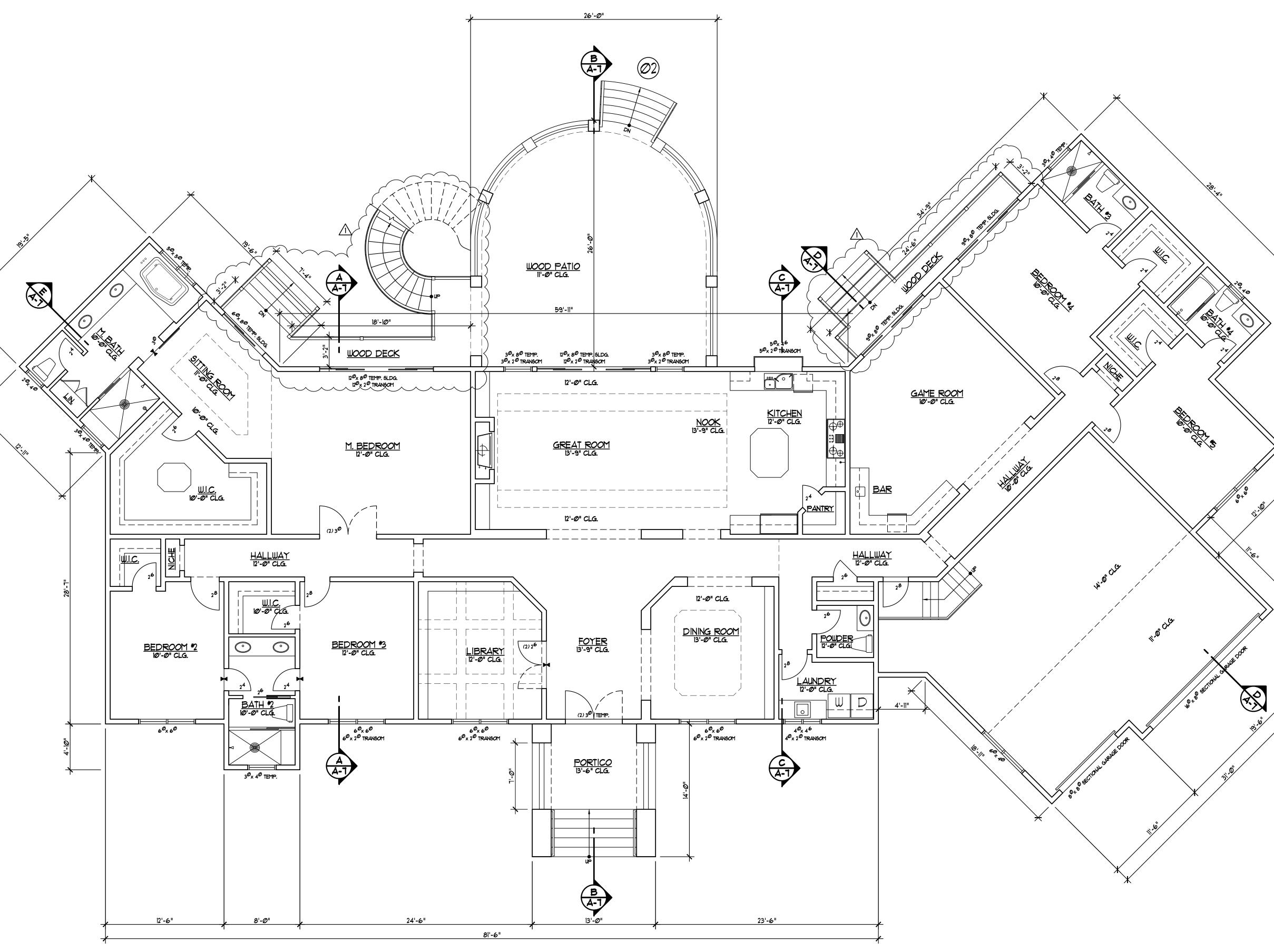
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	MAIN HOUSE WOOD DECK AREA:			
	POLYGON	DIMENSIONS	AREA	
	el	(7'-4"+ 8'-8") x 3'-2"/ 2	25 SQ. FT.	
	20	(18'-1Ø"+2Ø'-2") × 3'-2"/2	63 SQ. FT.	
	21	4'-2" × 6'-5"	27 SQ. FT.	
	22	24'-6" x 3'-2"	78 SQ. FT.	
	TOTAL		193 SQ. FT.	

	STAIRS AREA:						A.D.U.	
$\left\langle \right\rangle$	POLYGON	DIMENSIONS	AREA				COVERED PORCH & PATIO	
	23		75 SQ. FT.	<	) (	>	CARPORT	
$\left\langle \right\rangle$	TOTAL		75 SQ. FT.			$\left\langle \right\rangle$	TOTAL	
						$\subseteq$		

GROSS LOT AREA
NET LOT AREA
FLOOR AREA CALCULATIONS
ONE-STORY HOUSE
FLOOR AREA
GARAGE
ACCESSORY DWELLING UNIT
FLOOR AREA
FRONT COVERED PORCH
TOTAL
PORCHES & CARPORT (covered &
ONE-STORY
FRONT COVERED PORCH
REAR COVERED PATIO
ACCESSORY DWELLING PORCH
FRONT COVERED PORCH
REAR COVERED PATIO
A.D.U. CARPORT
TOTAL
LOT COVERAGE (ADU IS EXEMPT)
ONE-STORY HOUSE
FLOOR AREA
GARAGE
COVERED PORCH & PATIO
DECK MORE THAN 30" HT.
STAIRS
A.D.U.
COVERED PORCH & PATIO
CARPORT
TOTAL

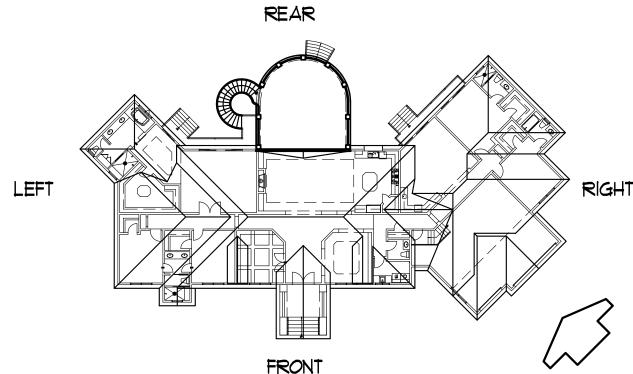
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	Scheller Ave. Morgan Hill, CA 95037	
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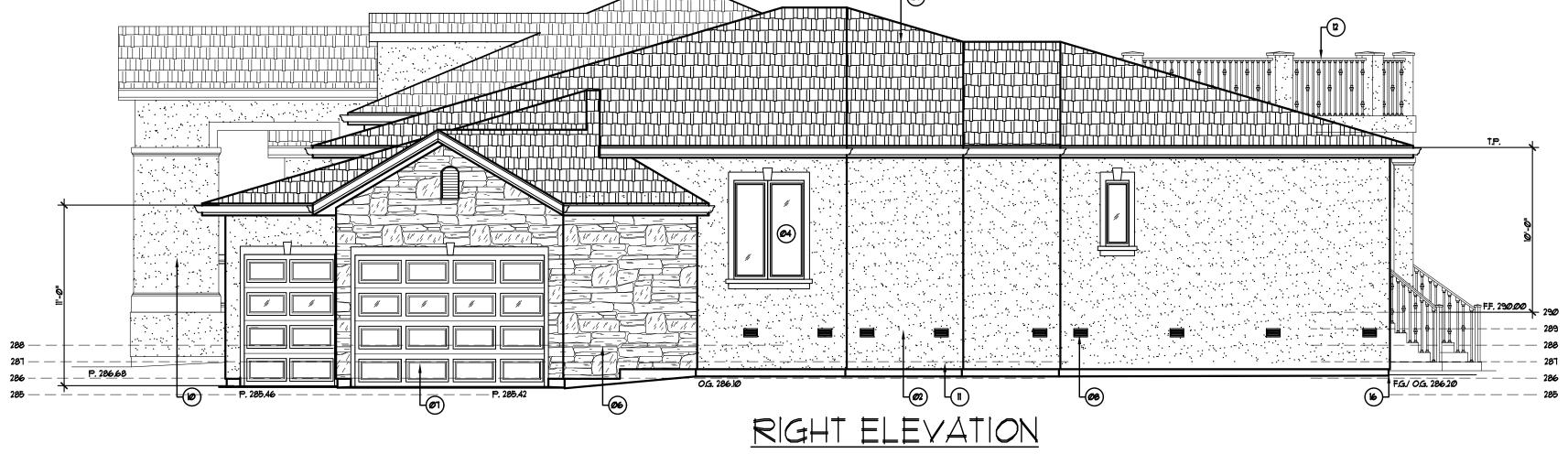
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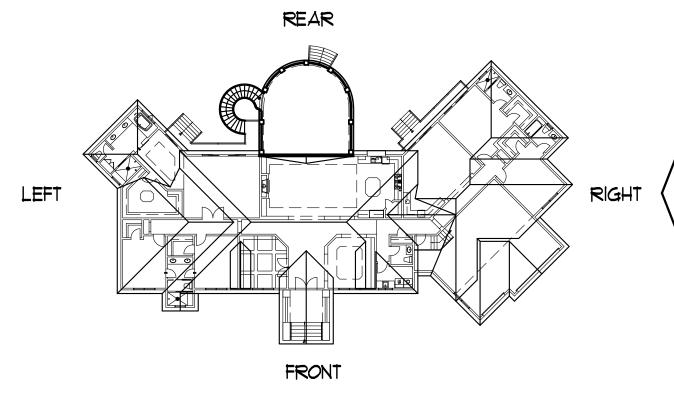


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	www.memarie.com	1. 1	
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	Client Revisions		
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7	Design	06/27/22	
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Morgan Hill, CA 95037				
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 $\mathcal{L}$ 05/03/21

3/16" = 1'-0"

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Checked By:

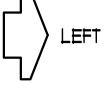
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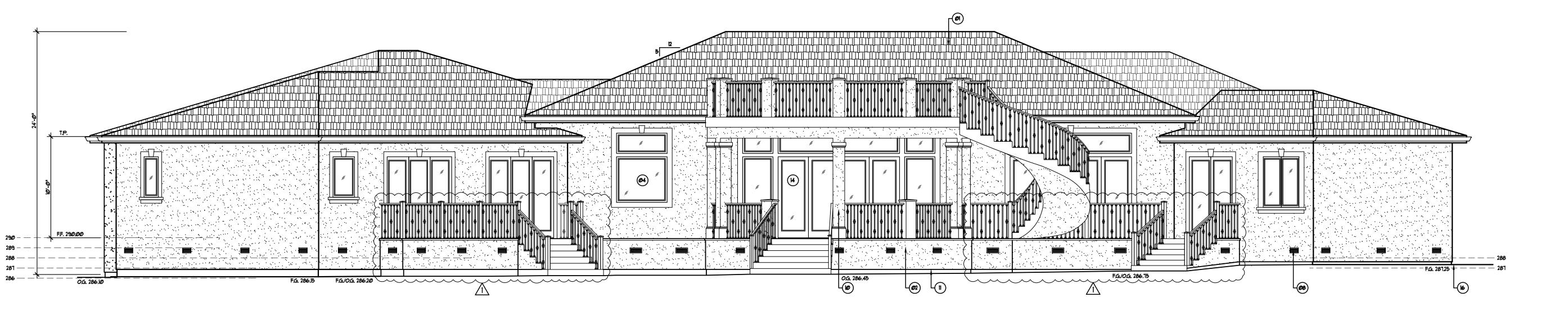
Main House Exterior Elevations

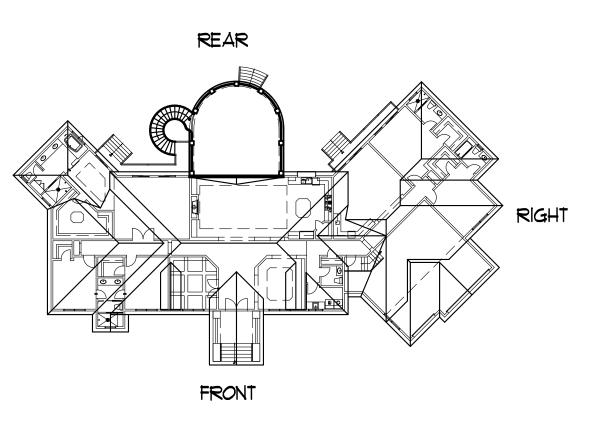
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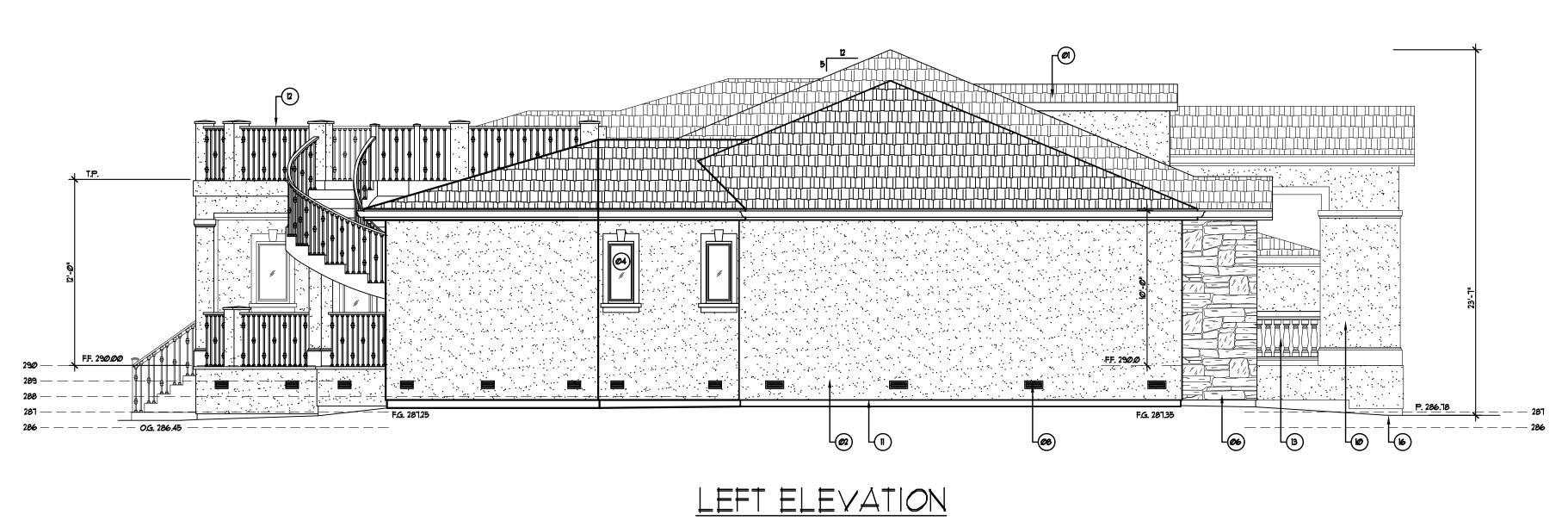
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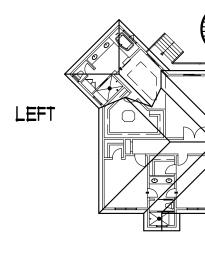








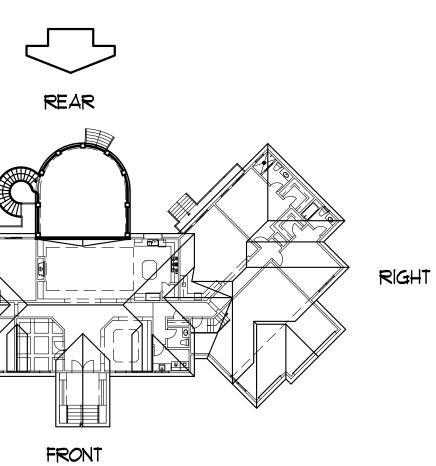


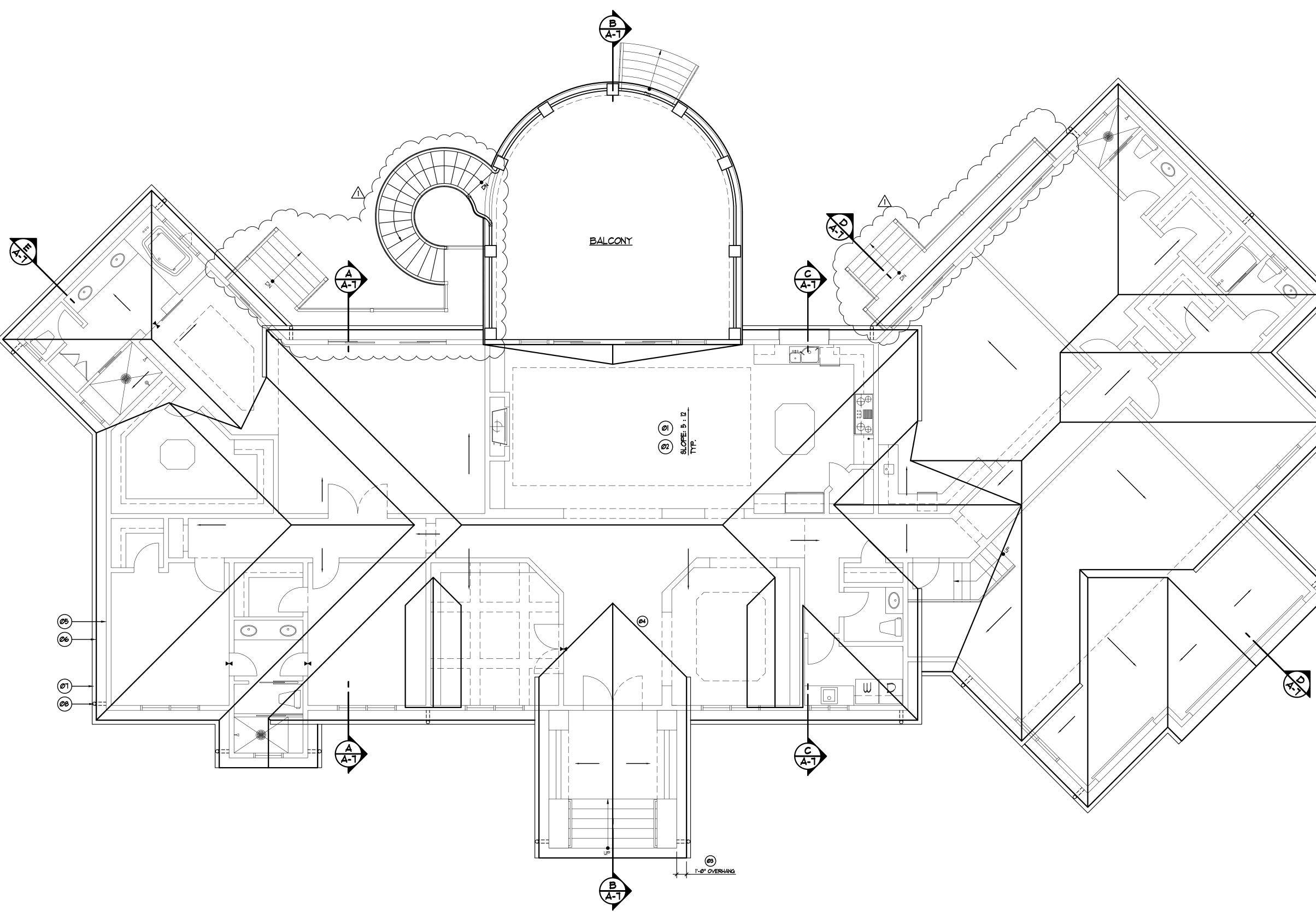


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- KEY NOTES:
  PRESIDENTIAL COMPOSITION SHINGLE ROOF, CLASS "A", SEE ROOF PLAN
  STUCCO: 1/8"-INCH MIN THICK O/ TWO LAYER OF GRADE D PAPER CRC R10362. O/ PLYWOOD SHEATHING CRC R10363.
  ENTRY DOORS
  MILGARD VINYL WINDOW, SEE FLOOR PLANS FOR TYPE AND SIZE
  2x4 FOAM TRIM TYP.
  STONE VENEER
  OVERHEAD GARAGE DOOR
  STONE VENEER
  OVERHEAD GARAGE DOOR
  STUCCO COLUMN
  STUCCO COLUMN
  26 GA GALVANIZED WEEP SCREED, 4" ABOVE GRADE OR 2" ABOVE CONC. PAVING.
  42" MIN. HT. BALLUSTER
  EXTERIOR TEMP. SLIDING DOORS
  MAX. HT. OF RISER NOT TO EXCEED T&".
  SEE CIVIL DRAWINGS FOR ALL FINISH FLOORS, EXISTING 4 FINISH GRADES, VERIFY IN FIELD

  - ALL FINISH FLOORS, EXISTING & FINISH GRADES, VERIFY IN FIELD





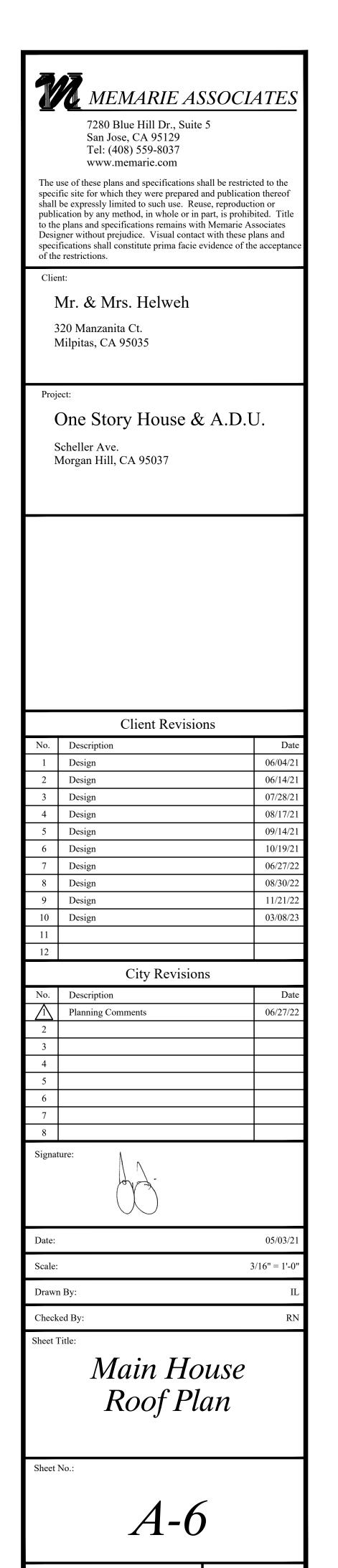
## <u>KEY NOTES:</u>

- Ø1. ROOF SLOPES : Ø2. ROOF MATERIAL:
- SLOPED ROOF: 03. ALL EAVES SHALL BE 12 O.H. U.N.O.
- Ø4. PROVIDE 26 G.A. G.I. VALLEY FLASHING AT
  ALL ROOF VALLEYS. (PAINT TO MATCH THE ROOF COLOR)
  Ø5. OUTLINE OF STRUCTURE

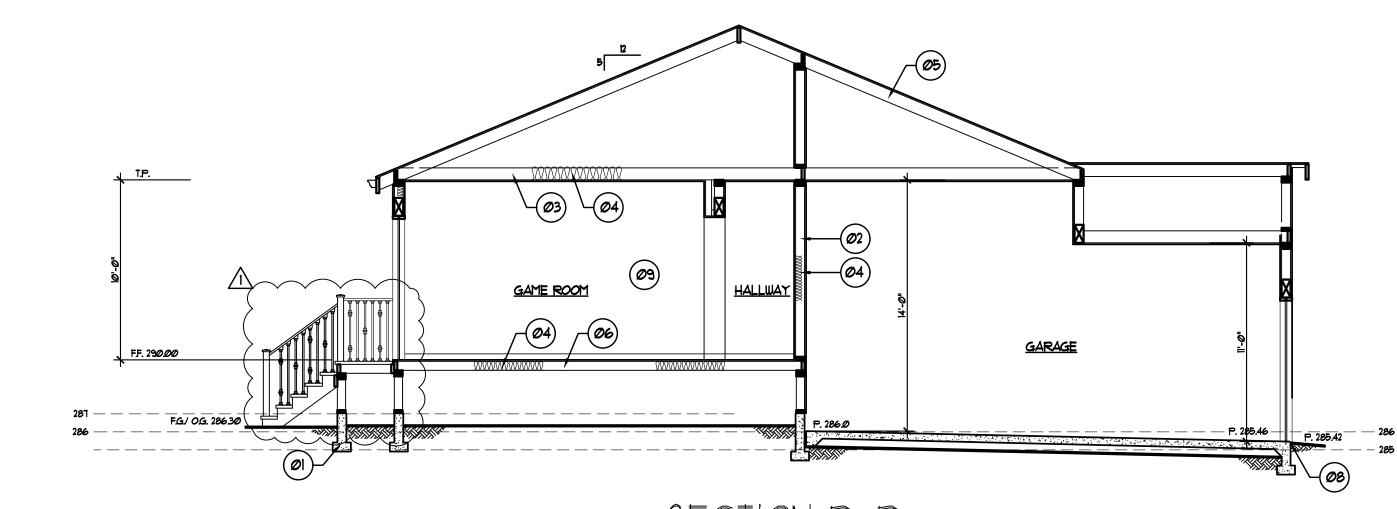
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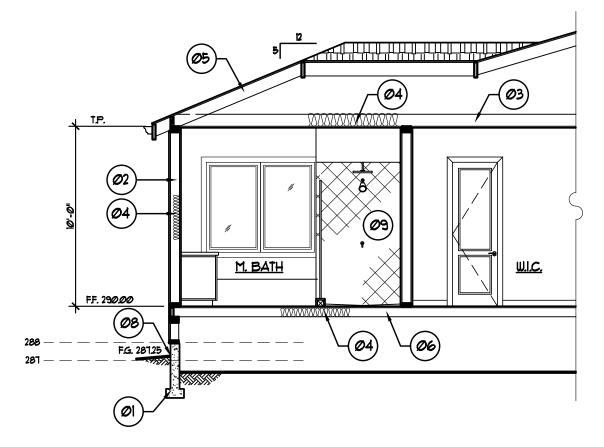
COMPOSITION SHINGLE ROOF

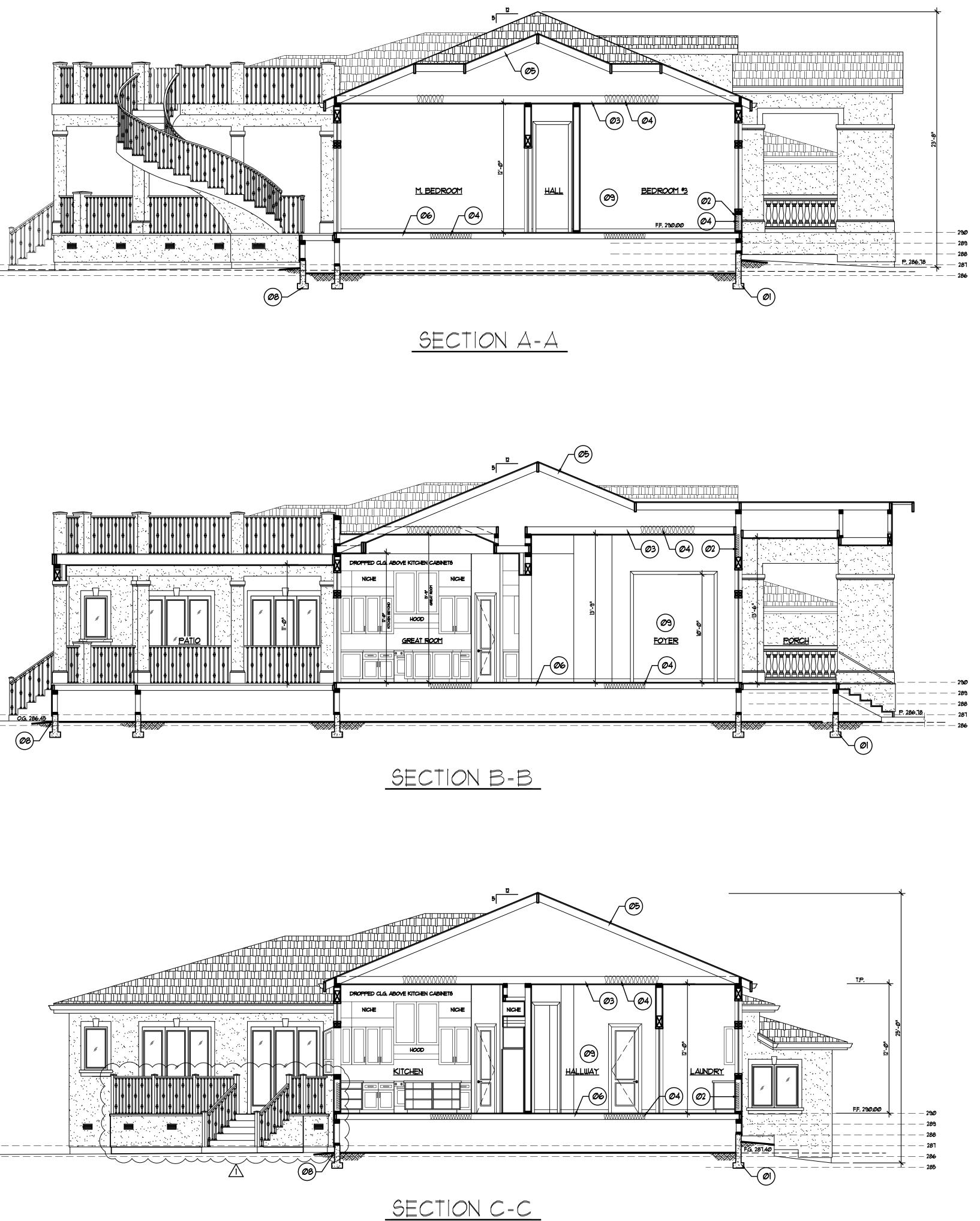
- 06. BUILDING OVERHANG
- 07. 5" PAINTED METAL GUTTER 08. 3" & PAINTED METAL DOWN SPOUT



File: M:\Scheller Ave.

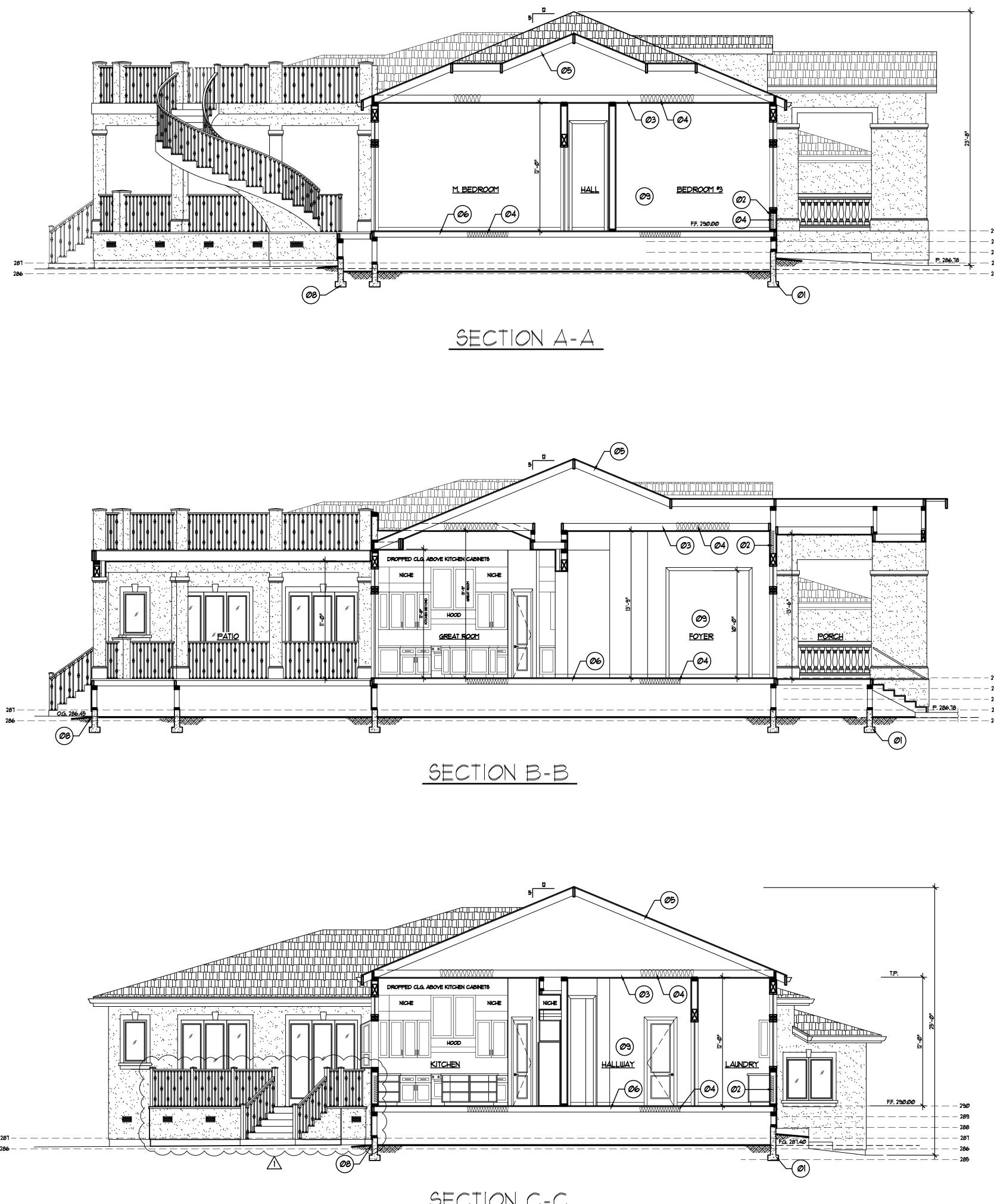






KEY NOTES:

- NOTE: REFER TO STRUCTURAL PLANS FOR ALL MEMBER SIZES, LOCATION & ETC. VERIFY ALL EXISTING GRADES (IMPORT & EXPORT OF DIRT) AROUND THE HOUSE AT THE JOB SITE.
- Ø1. CONCRETE FOOTING
- Ø2. WALL FRAMING
- Ø3. CEILING JOISTS
- 04. INSULATION, SEE TITLE 24 REPORT 05. ROOF FRAMING
- 06. FLOOR JOISTS
- Ø7. STUCCO FINISH
- Ø8. SEE CIVIL DRAWINGS FOR ALL FINISH FLOORS, EXISTING & FINISH GRADES
- 09. ALL FINAL INTERIOR FINISHES TO BE VERIFIED & SELECTED BY INTERIOR DESIGNER

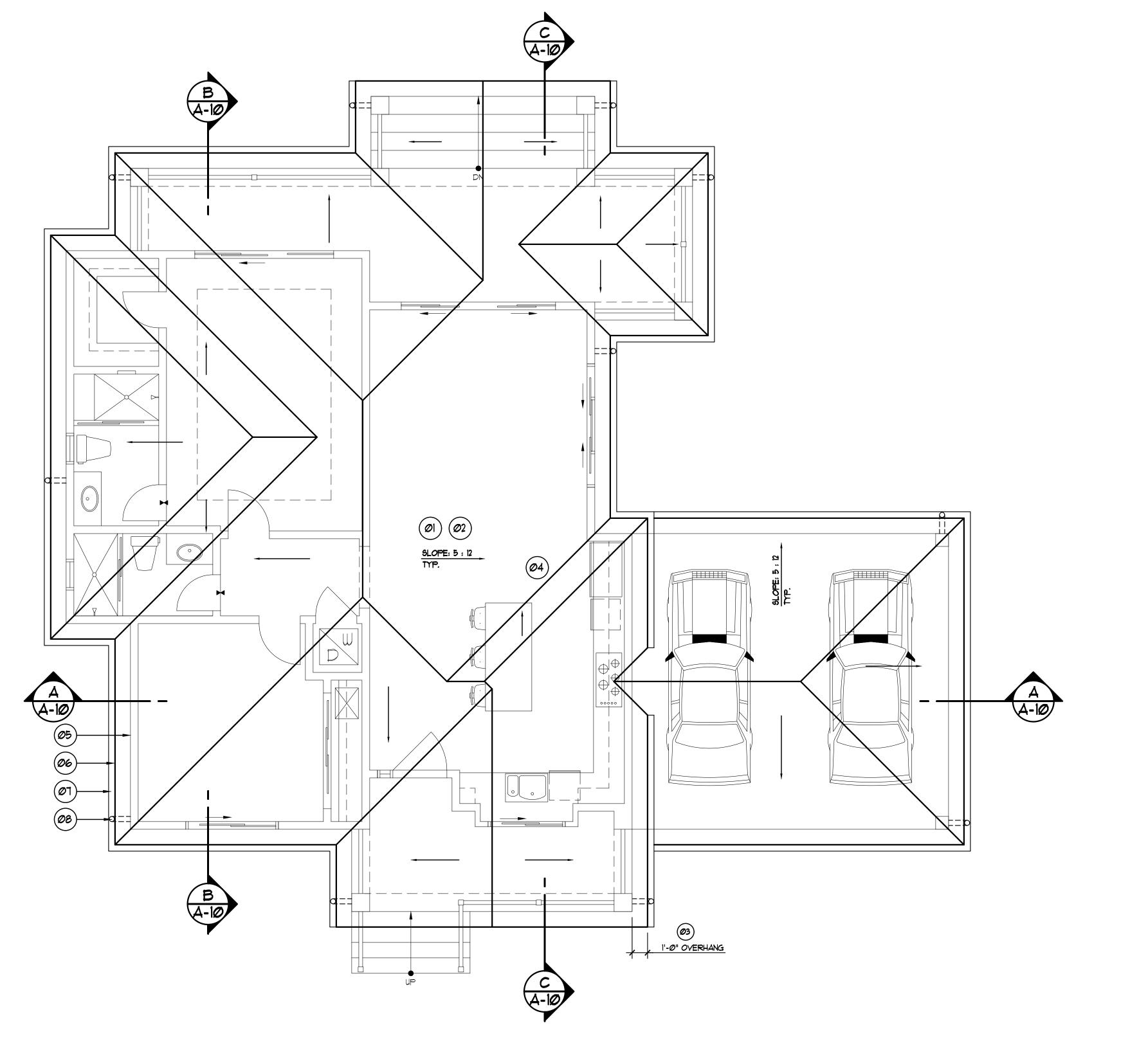




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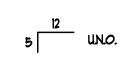
SECTION E-

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I.	lorgan IIII, CA 95057				
	Client Revisions				
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4	Design	08/17/21			
5	Design	09/14/21			
6 7	Design Design	10/19/21 06/27/22			
8	Design	08/30/22			
9	Design	11/21/22			
10 11	Design	03/08/23			
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KEY NOTES:

Ø1. ROOF SLOPES :

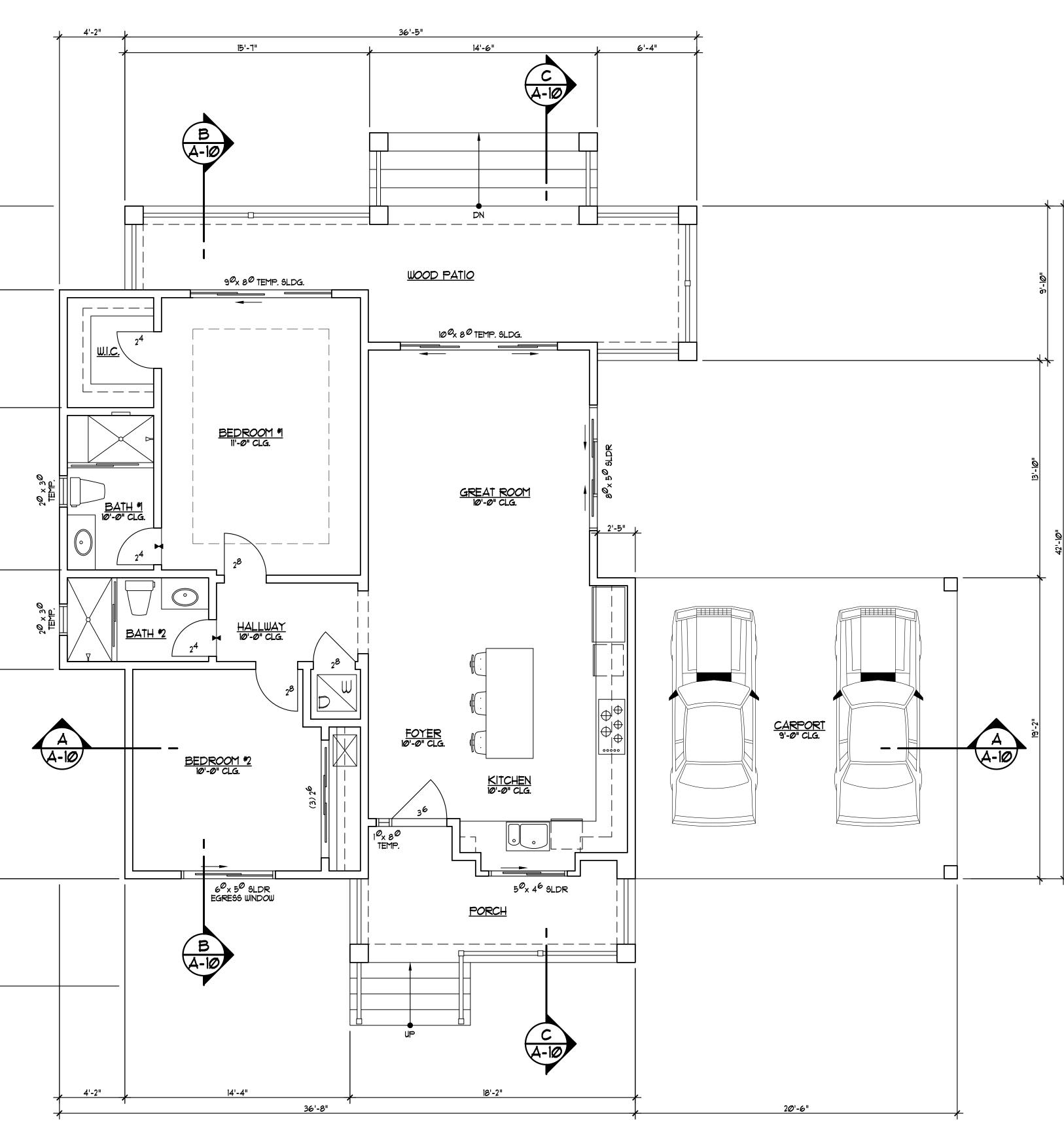


- COMPOSITION SHINGLE ROOF
- 02. ROOF MATERIAL: SLOPED ROOF:
- Ø3. ALL EAVES SHALL BE 12" O.H. UN.O.
  Ø4. PROVIDE 26 GA. G.I. VALLEY FLASHING AT ALL ROOF VALLEYS. (PAINT TO MATCH THE ROOF COLOR)

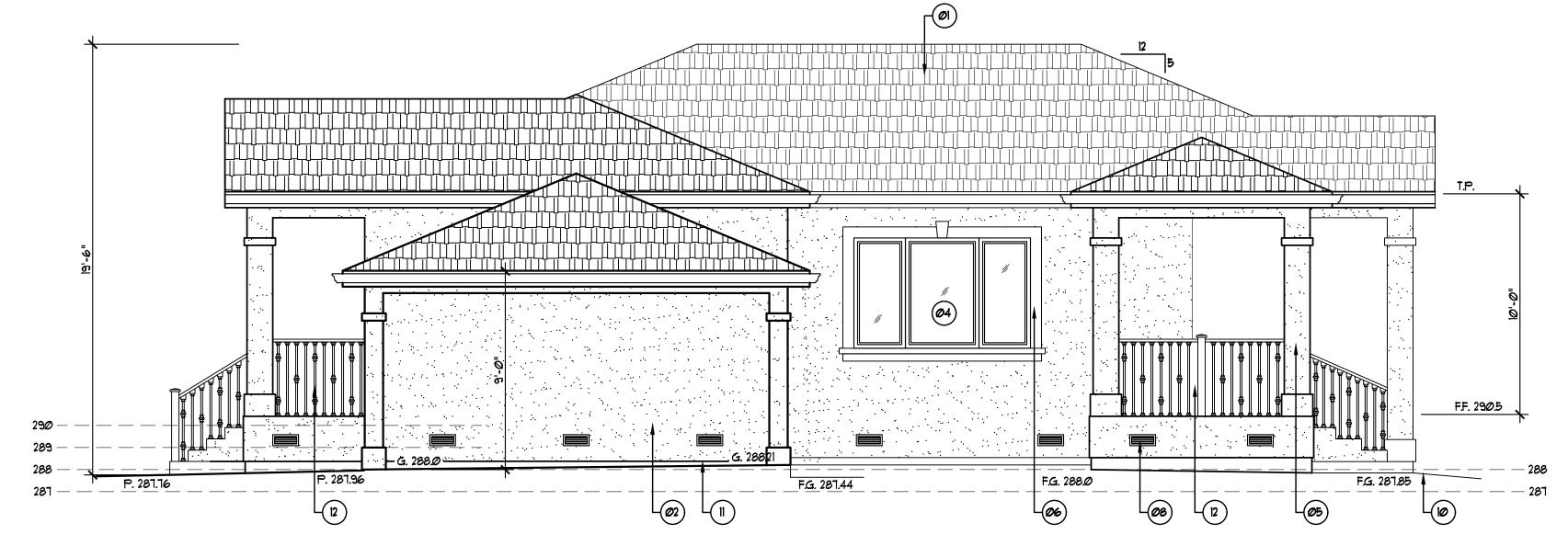
- 05. OUTLINE OF STRUCTURE 06. BUILDING OVERHANG 01. 5" PAINTED METAL GUTTER 08. 3" & PAINTED METAL DOWN SPOUT

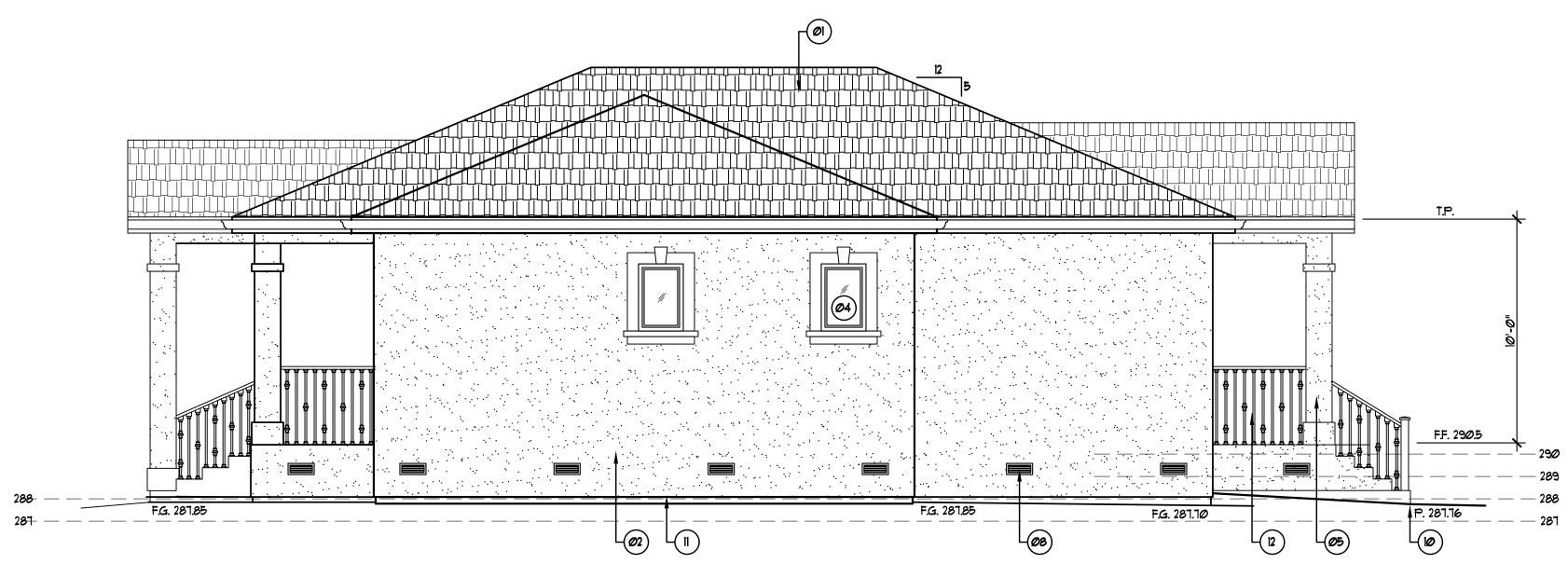
<u>ROOF PLAN</u>

## FLOOR PLAN



	MEMARIE A	SSOCIATES
	7280 Blue Hill Dr., Sui San Jose, CA 95129 Tel: (408) 559-8037 www.memarie.com	
	The use of these plans and specifications specific site for which they were prepare shall be expressly limited to such use. R publication by any method, in whole or i to the plans and specifications remains w Designer without prejudice. Visual cont specifications shall constitute prima faci- of the restrictions.	ad and publication thereof leuse, reproduction or in part, is prohibited. Title with Memarie Associates act with these plans and
	Client: Mr. & Mrs. Helweh 320 Manzanita Ct. Milpitas, CA 95035	
	Project: One Story House	& A.D.U.
	Scheller Ave. Morgan Hill, CA 95037	
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	Floor Pla Roof P	an &
	Sheet No.:	
	File: M:\Scheller Ave.	Job: Scheller Ave.







Øl.	PRESIDENTIA
Ø2.	STUCCO: 7/8".
	0/ PLYWOOD
Ø3.	ENTRY DOOR

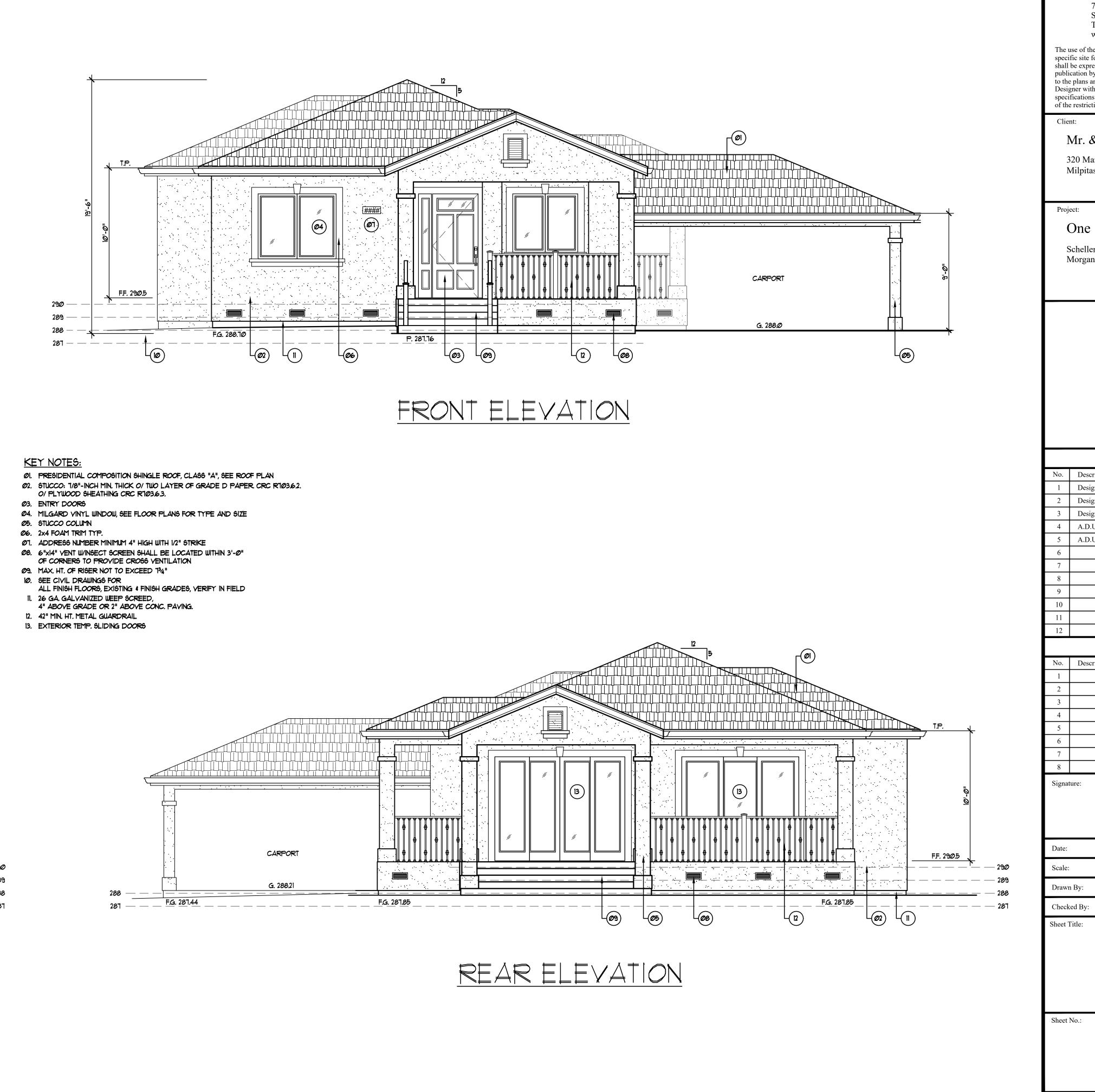
Ø2.	STUCCO: 7/8"-IN
	0/ PLYWOOD SH
Ø3.	ENTRY DOORS
Ø4.	MILGARD VINYL
Ø5.	STUCCO COLUM
Ø6.	2x4 FOAM TRIM
Ø7.	ADDRESS NUME
Ø8.	6"x14" VENT W/IN
	OF CORNERS TO
Ø9.	MAX. HT. OF RIS
10.	SEE CIVIL DRAU
	ALL FINISH FLOC
11	26 GA GAI VAN

- $\underline{\mathsf{LEFT}} = \underline{\mathsf{ELEVAT}}ON$

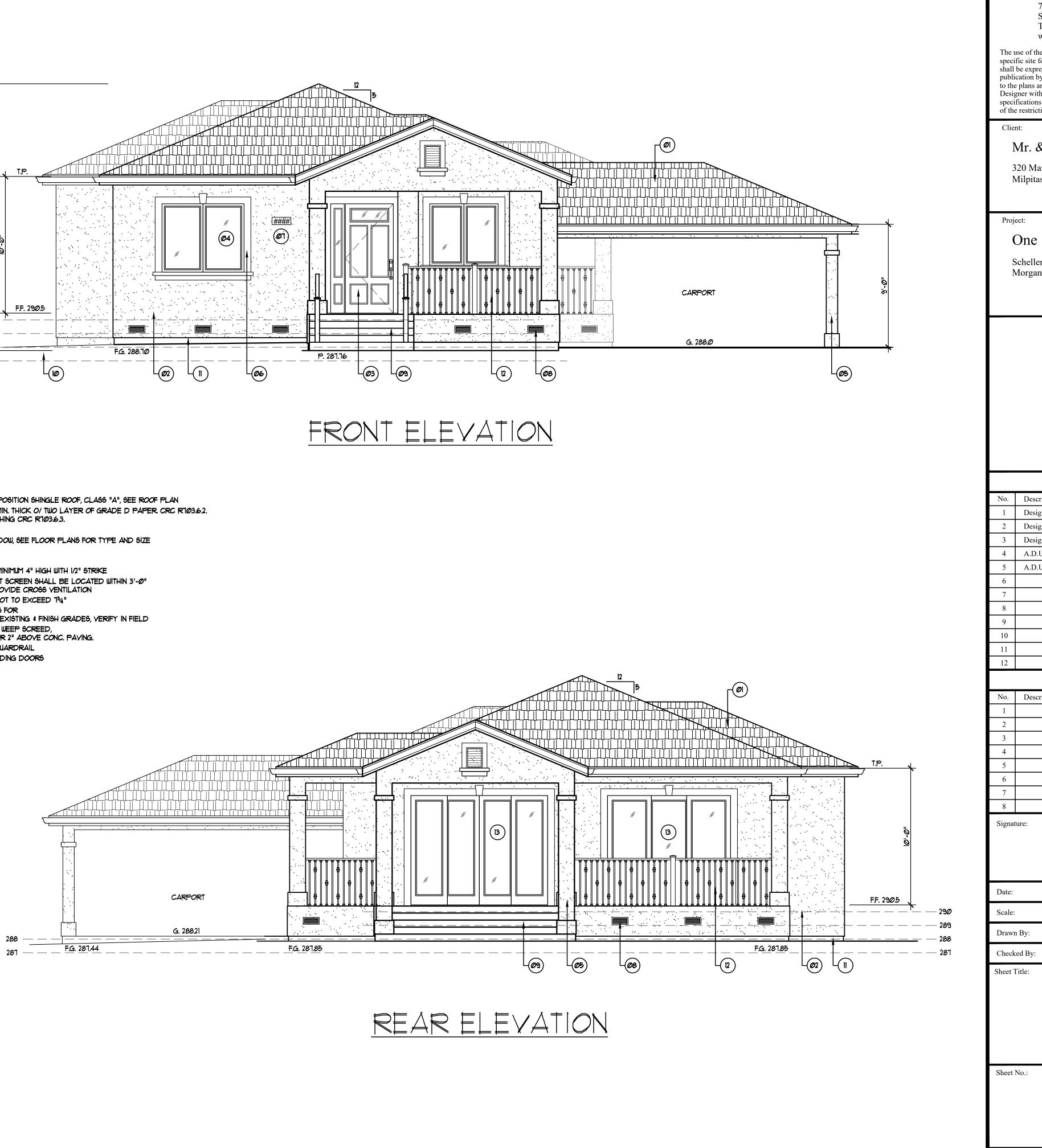
- RIGHT ELEVATION

- 29Ø 289

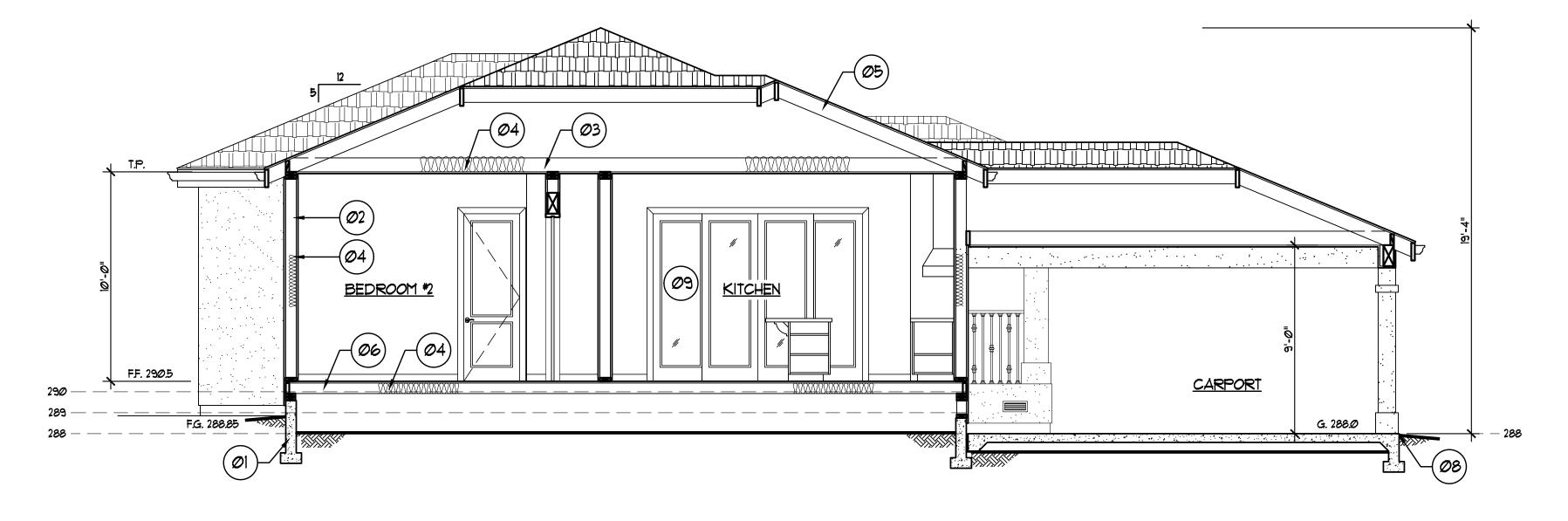
- 288 -







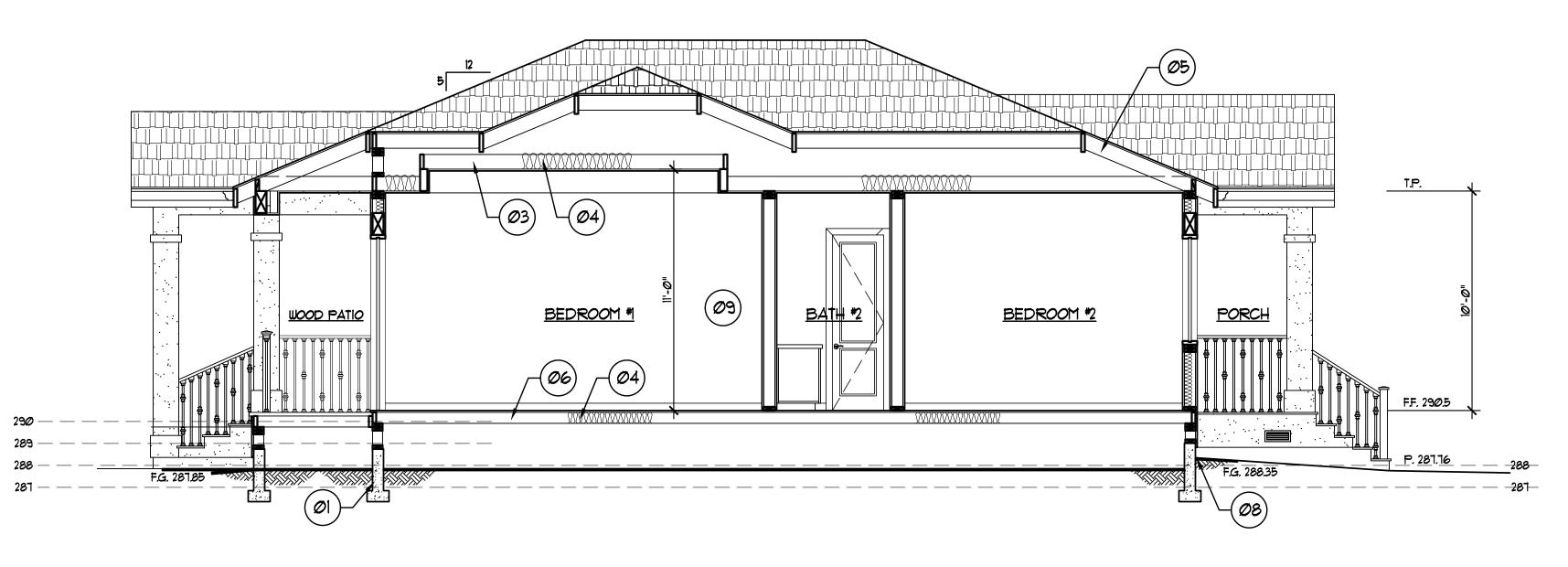
7	MEMARIE ASSOCI	ATES
	7280 Blue Hill Dr., Suite 5 San Jose, CA 95129 Tel: (408) 559-8037 www.memarie.com	
speci shall publi to the Desig speci	use of these plans and specifications shall be restrict fic site for which they were prepared and publicati be expressly limited to such use. Reuse, reproduct cation by any method, in whole or in part, is prohil e plans and specifications remains with Memarie A gner without prejudice. Visual contact with these p fications shall constitute prima facie evidence of the e restrictions.	on thereof tion or bited. Title ssociates blans and
Clie	nt:	
	Mr. & Mrs. Helweh	
-	20 Manzanita Ct. Ailpitas, CA 95035	
S	Cone Story House & A.D. Scheller Ave. Morgan Hill, CA 95037	IJ.
	Client Revisions	
No.	Description	Date
1 2	Design	06/04/21 06/14/21
3	Design Design	07/28/21
4	A.D.U. Design	08/23/21
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SECTION A=A

KEY NOTES: NOTE: REFER TO STRUCTURAL PLANS FOR ALL MEMBER SIZES, LOCATION & ETC. VERIFY ALL EXISTING GRADES (IMPORT & EXPORT OF DIRT) AROUND THE HOUSE AT THE JOB SITE. Ø1. CONCRETE FOOTING Ø2. WALL FRAMING Ø3. CEILING JOISTS Ø4. INSULATION, SEE TITLE 24 REPORT Ø5. ROOF FRAMING ØG. FLOOR JOISTS ØT. STUCCO FINISH

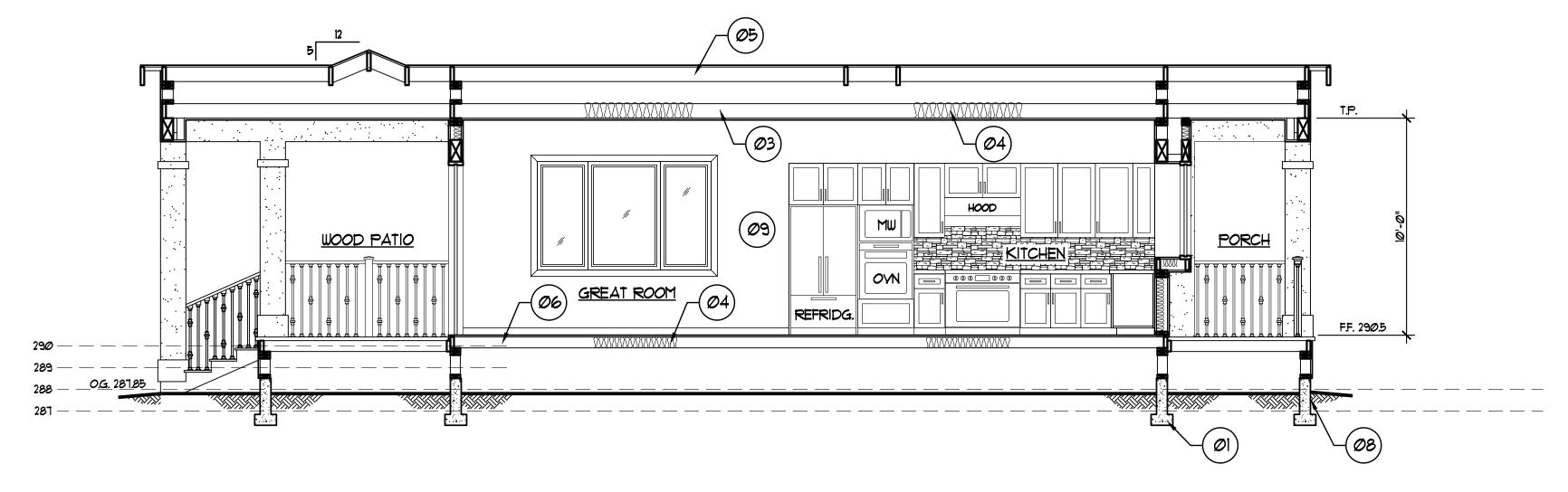
- Ø8. SEE CIVIL DRAWINGS FOR ALL FINISH FLOORS, EXISTING & FINISH GRADES
- Ø9. ALL FINAL INTERIOR FINISHES TO BE VERIFIED & SELECTED BY INTERIOR DESIGNER



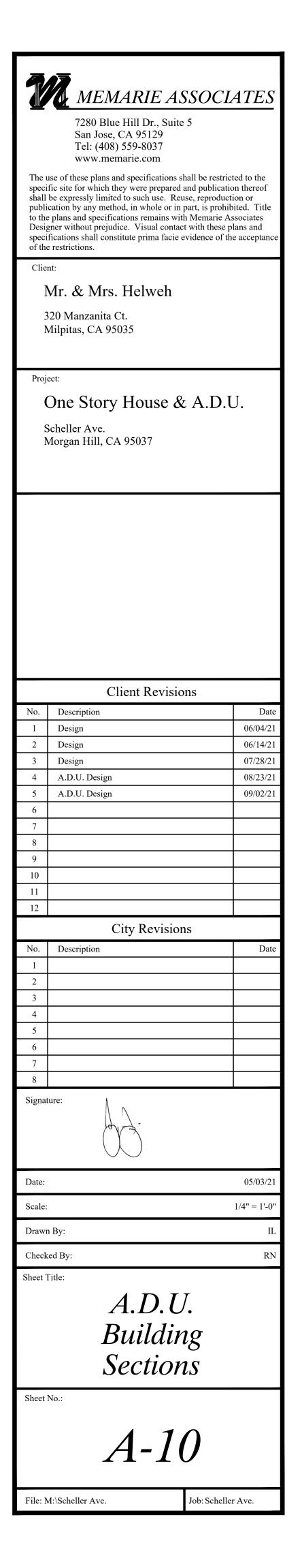
SECTION B-B

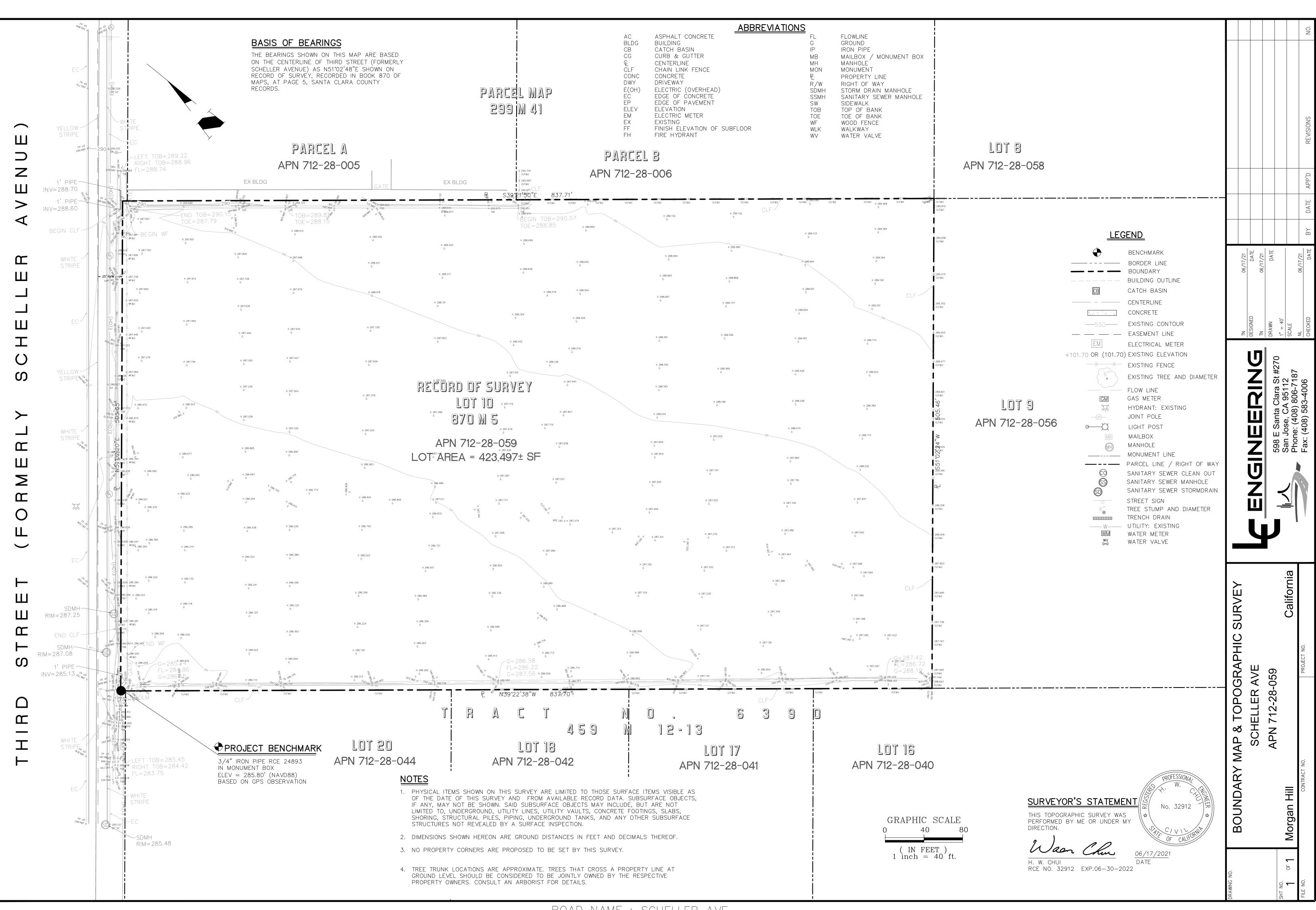
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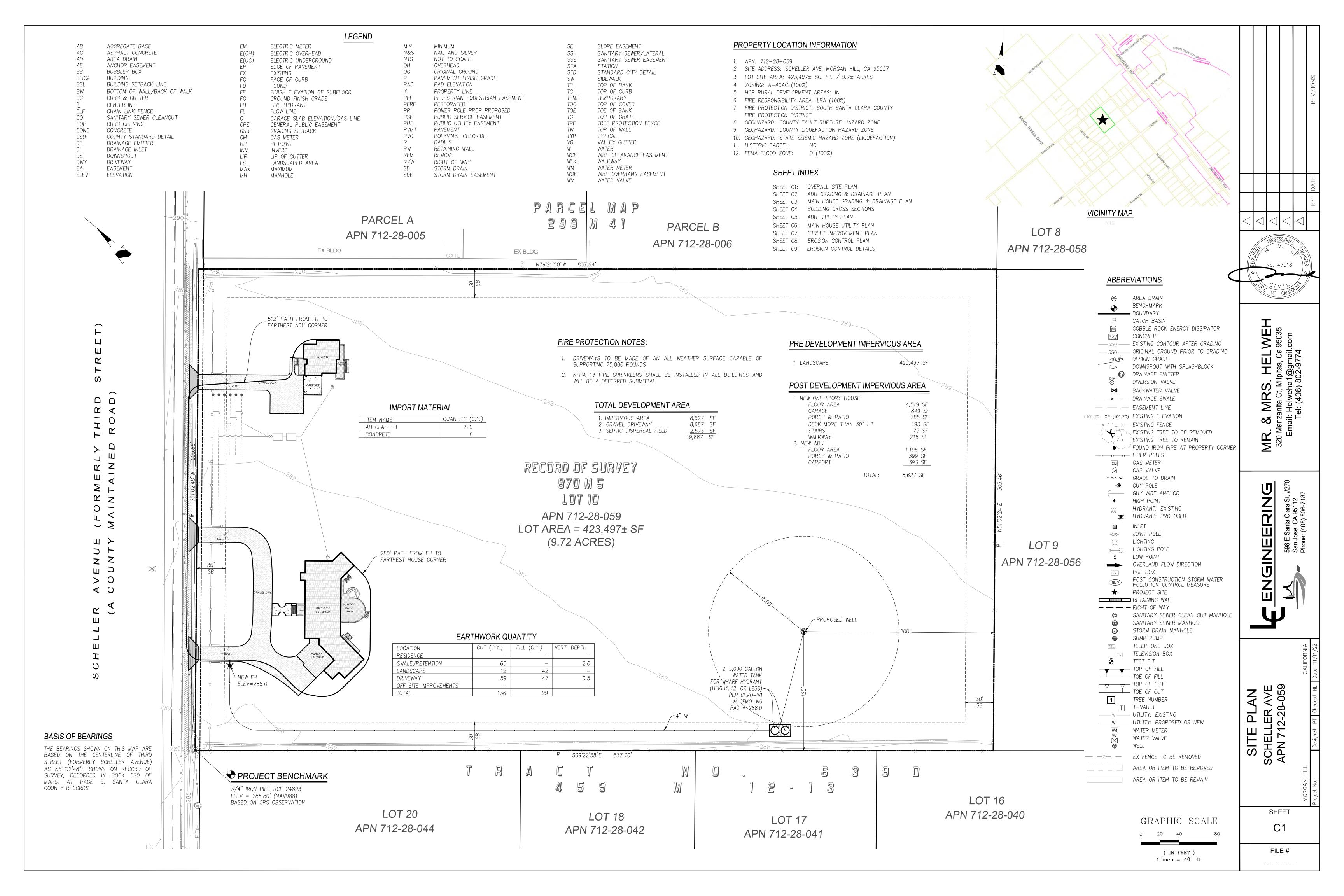
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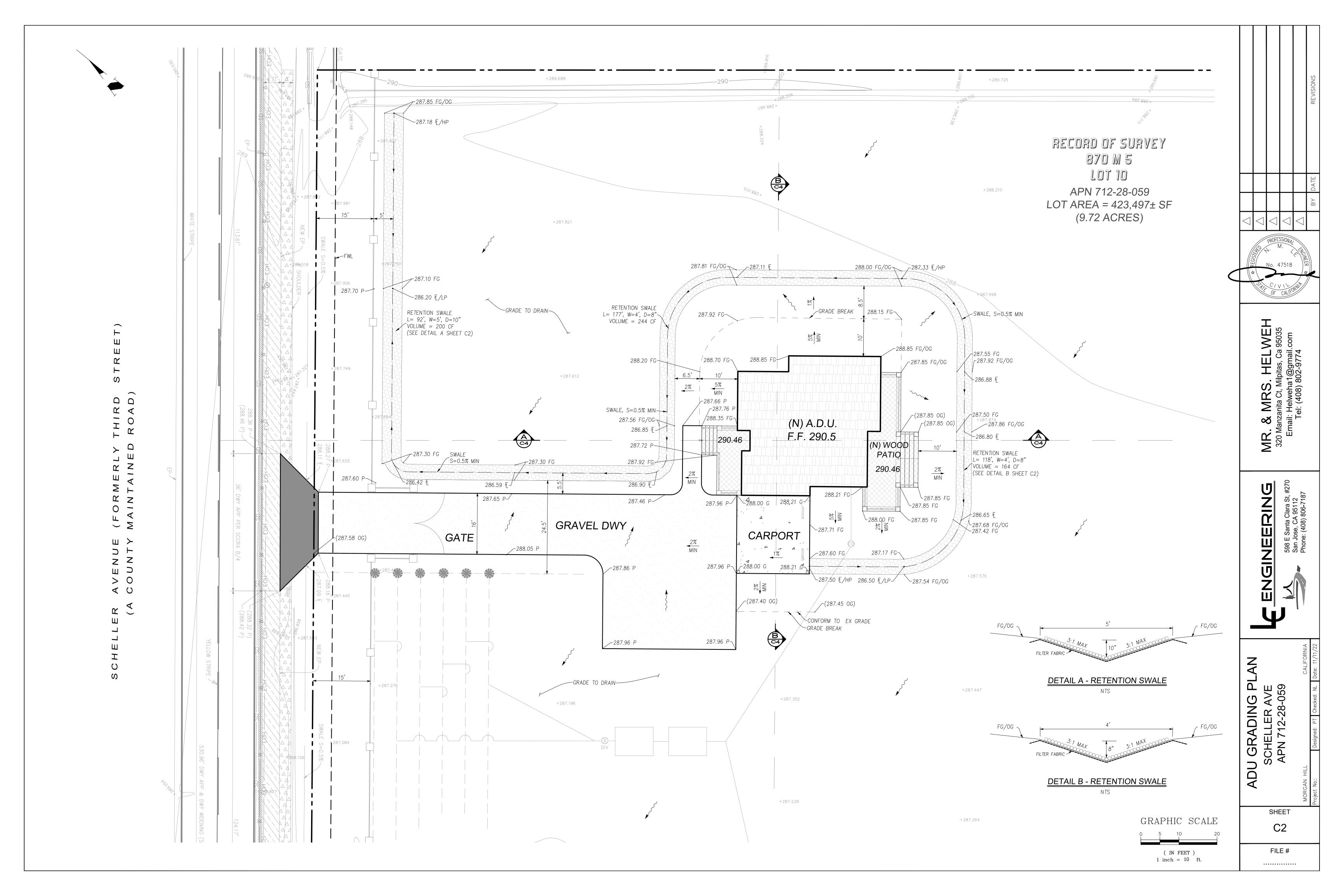


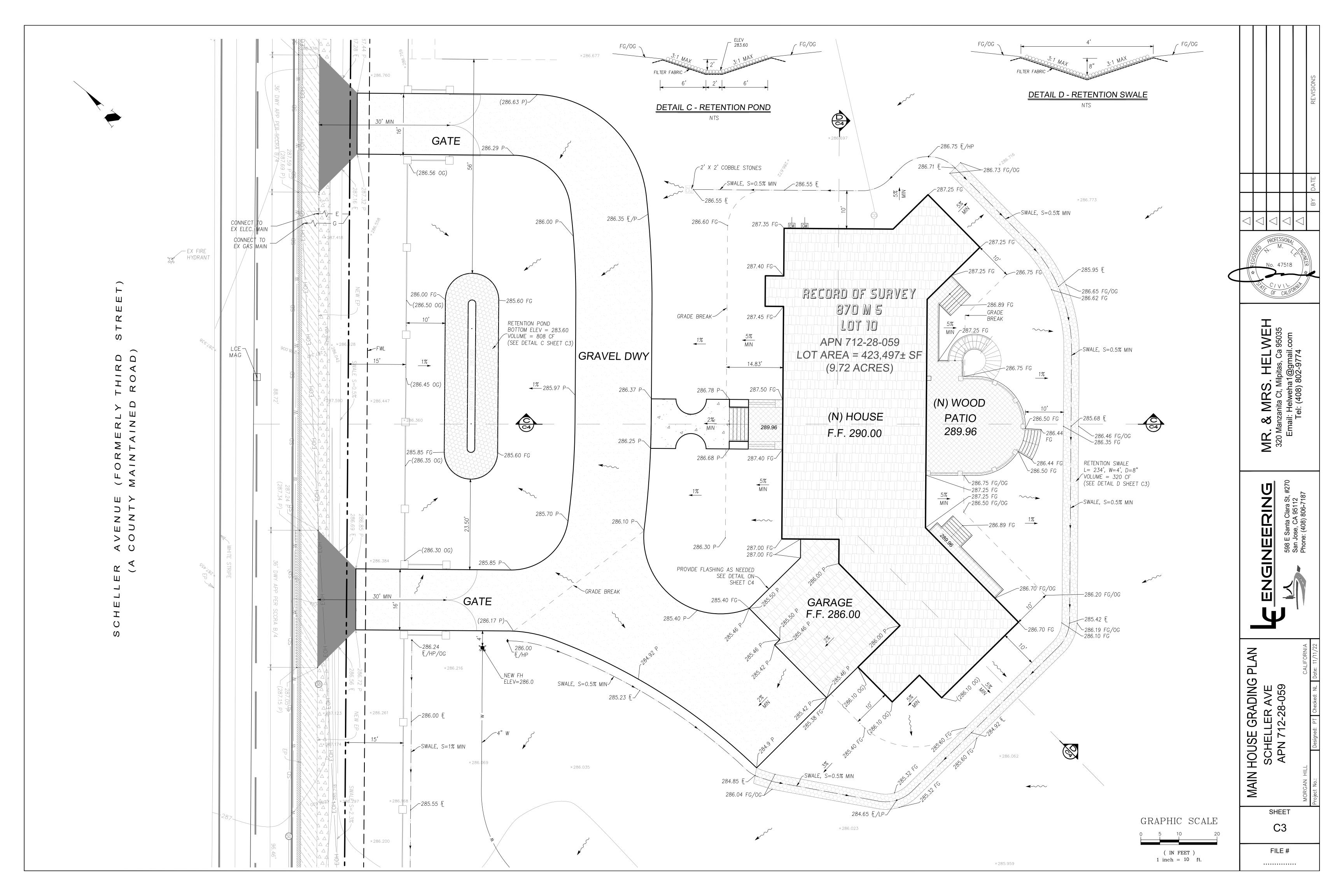
SECTION C=C

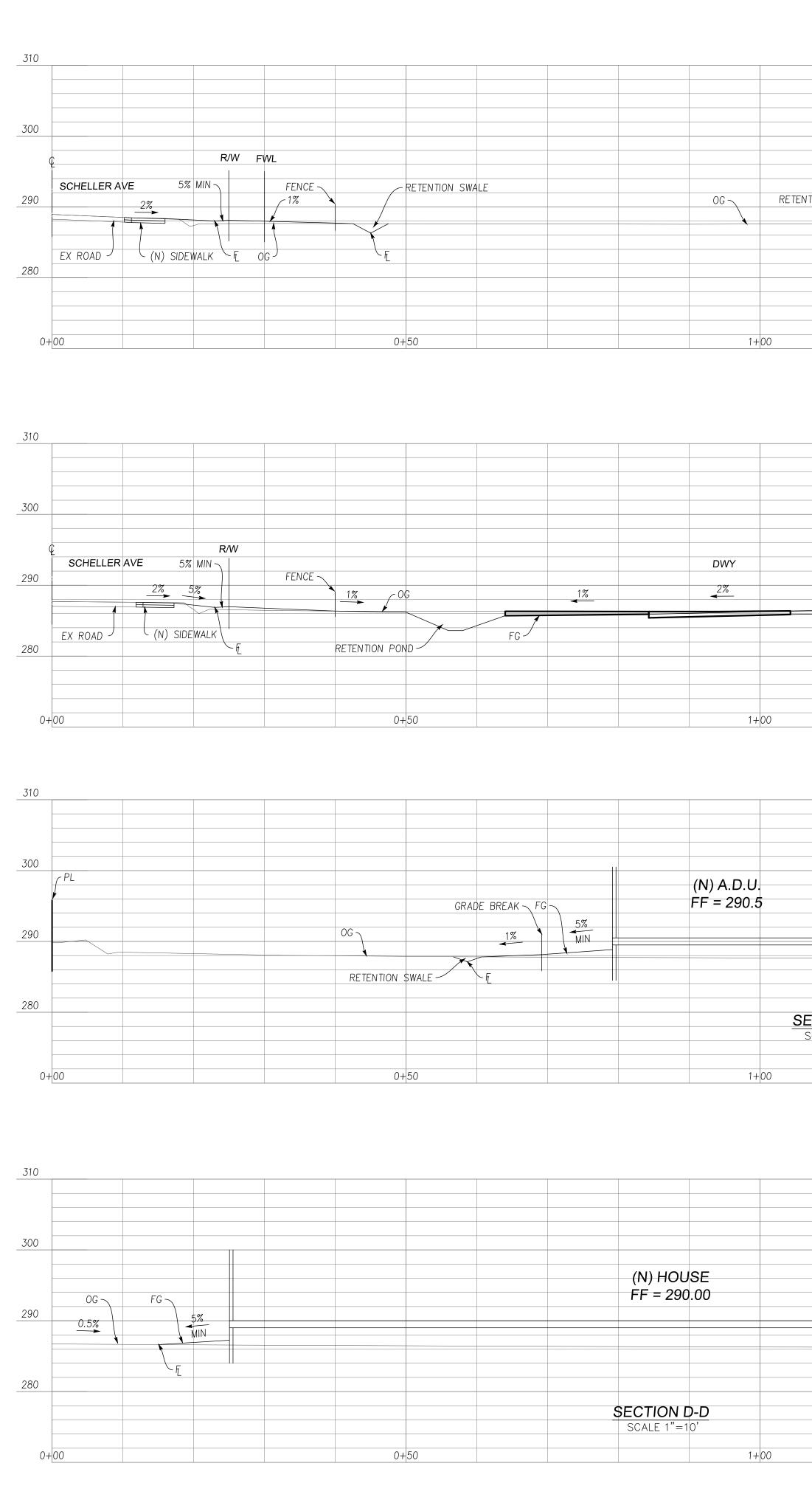












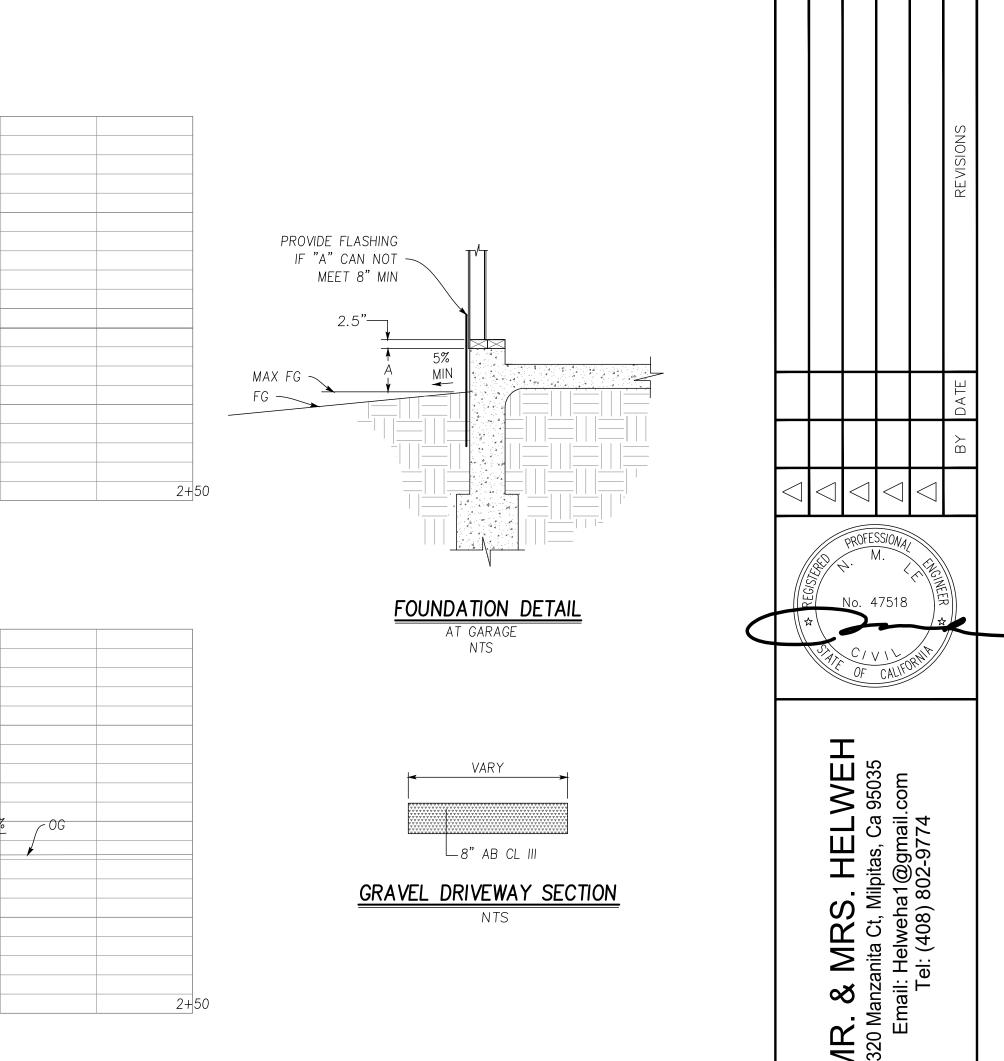
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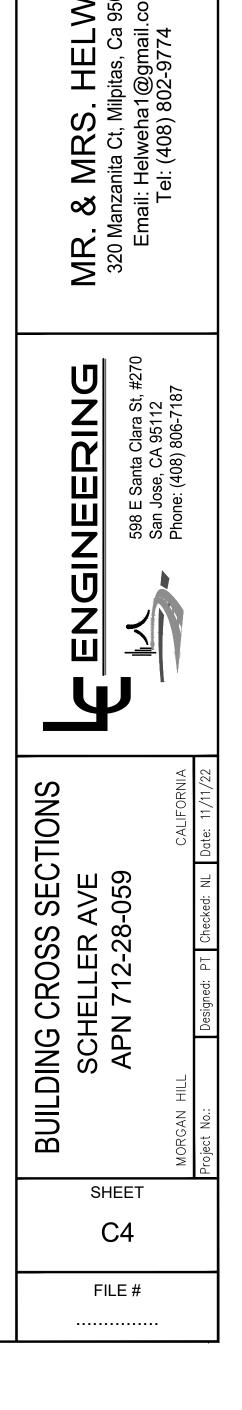
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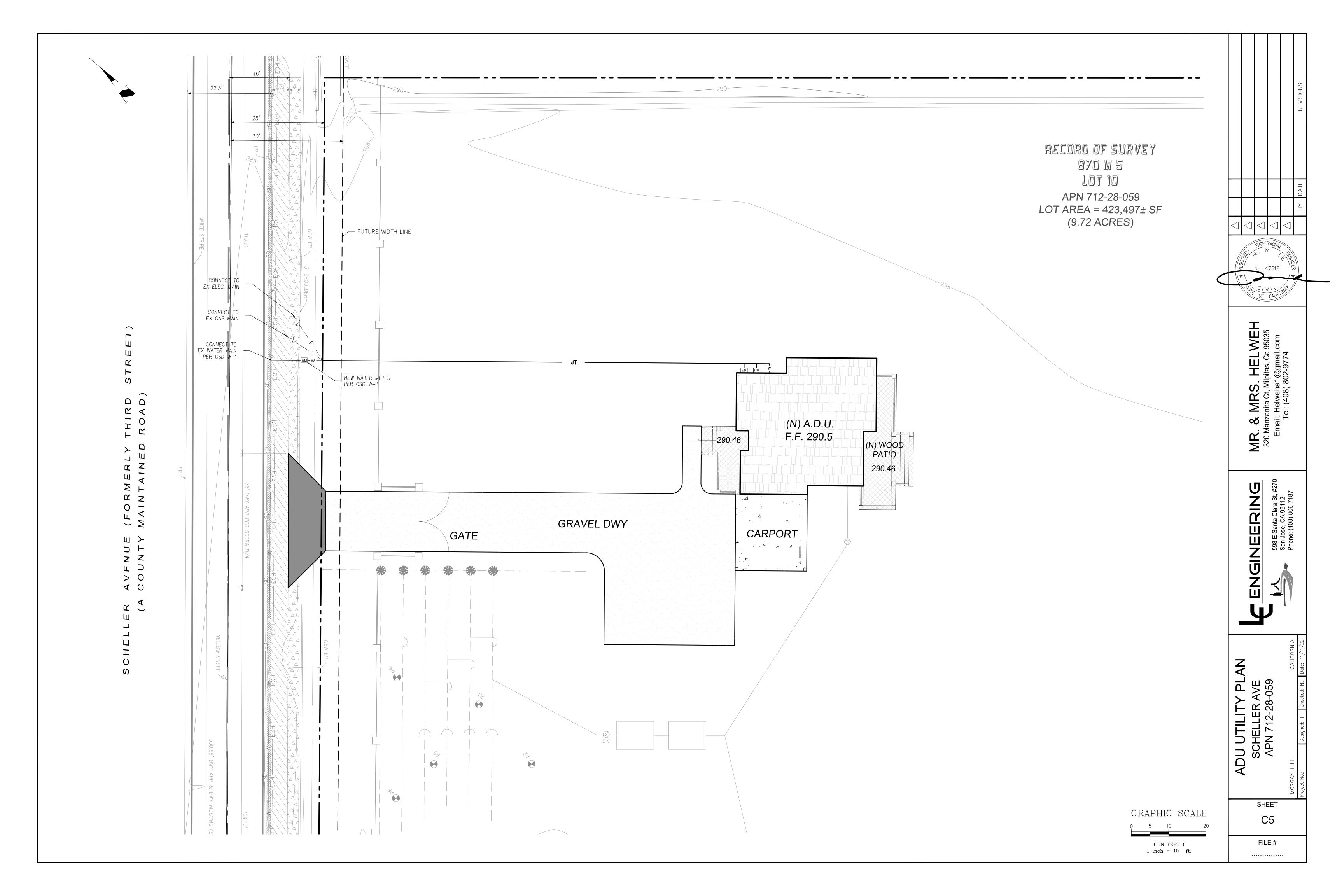
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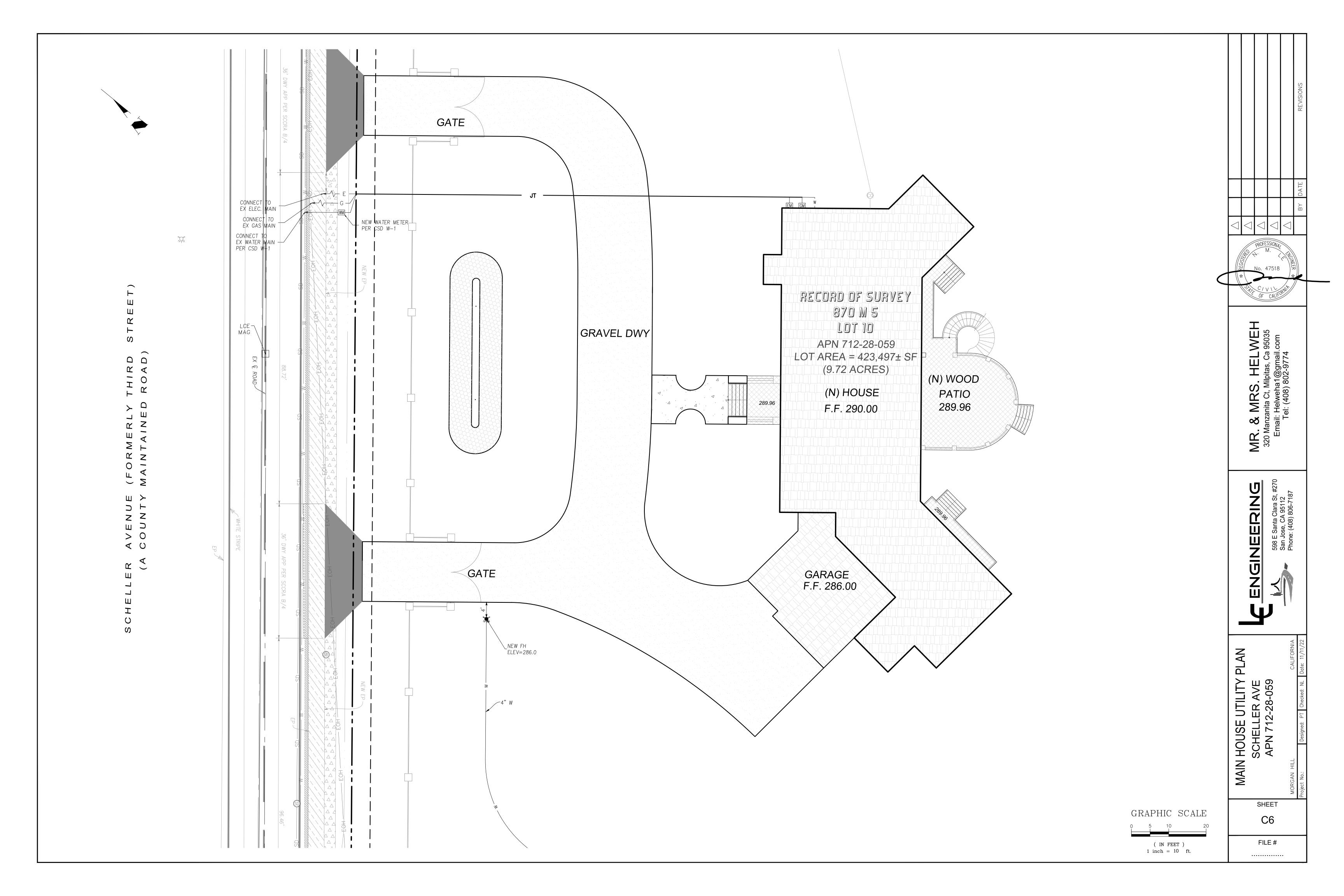


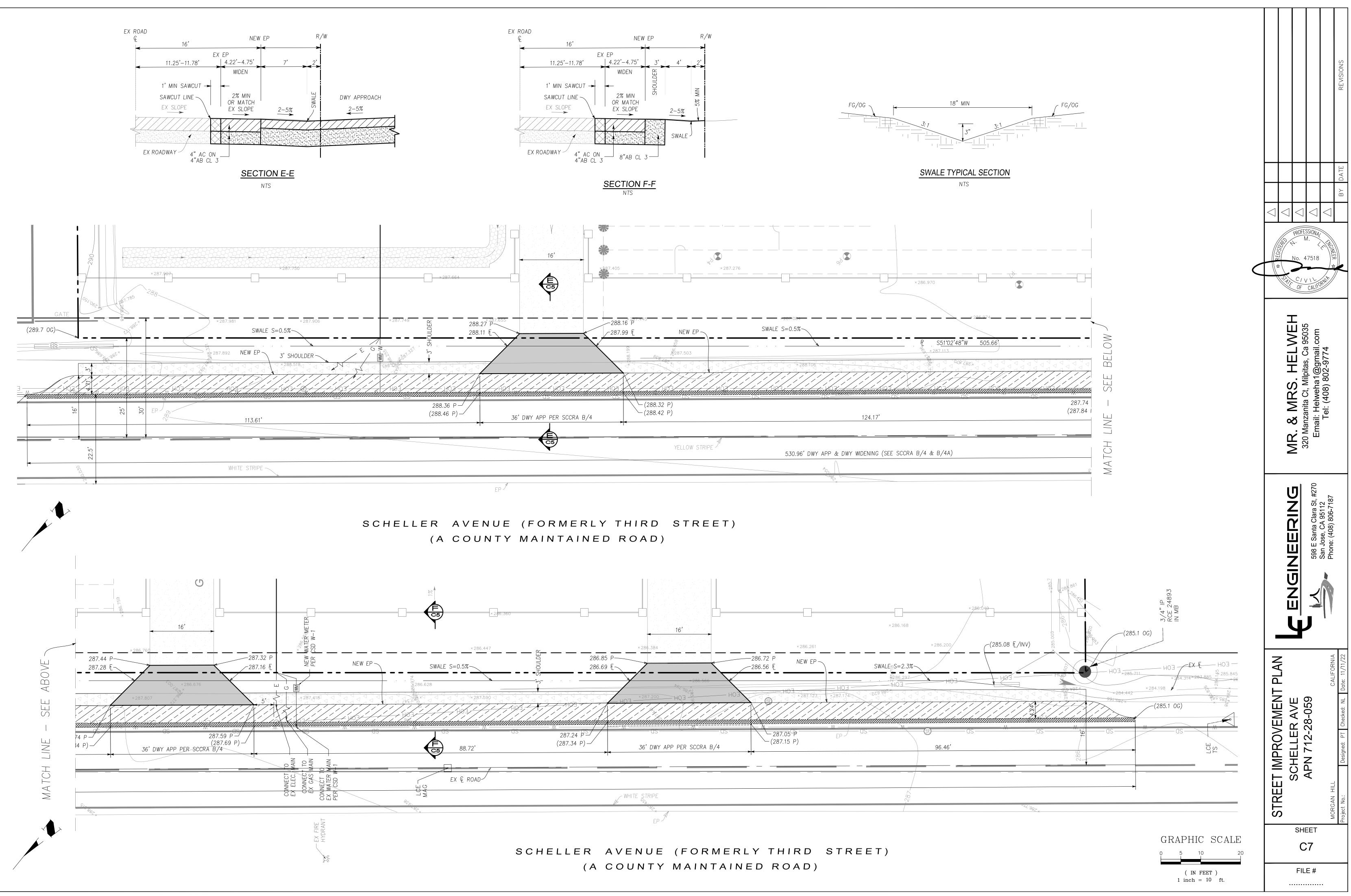
## ESTIMATE EARTHWORK QUANTITY

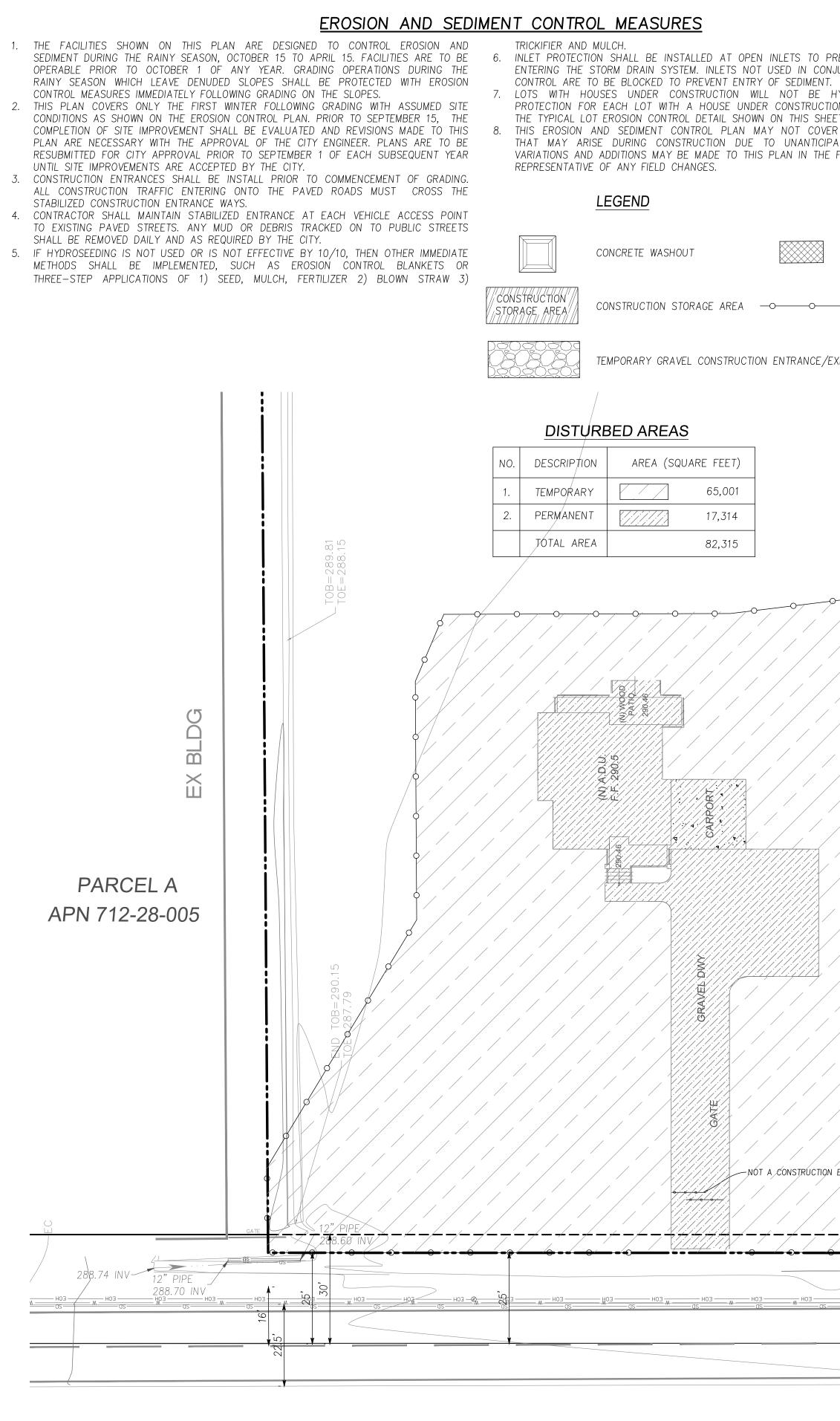
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No.	51	ATION	сит	FILL	(FEET)	CUT	FILL
1	A-A	FRONT	0.00	4.17	32.50	0.00	5.02
		REAR	0.20	0.00	40.50	0.30	0.00
2	В-В	LEFT	0.00	4.94	73.50	0.00	13.44
		RIGHT	0.00	1.47	38.50	0.00	2.10
3	C-C	FRONT	15.78	12.74	101.00	59.03	47.66
		REAR	1.05	6.27	98.85	3.84	22.96
4	D-D	LEFT	0.00	3.40	60.00	0.00	7.56
		RIGHT	2.59	0.00	82.00	7.87	0.00
5	SWALE	ADU	1.34	0.00	295.00	14.64	0.00
	}		2.08	0.00	92.00	7.07	0.00
		MAIN	1.34	0.00	234.00	11.61	0.00
6	POND	MAIN	16.00	0.00	54.00	32.00	0.00
1				то	TAL	136.00	99.00
				IMF	PORT	0	CUBIC YARE
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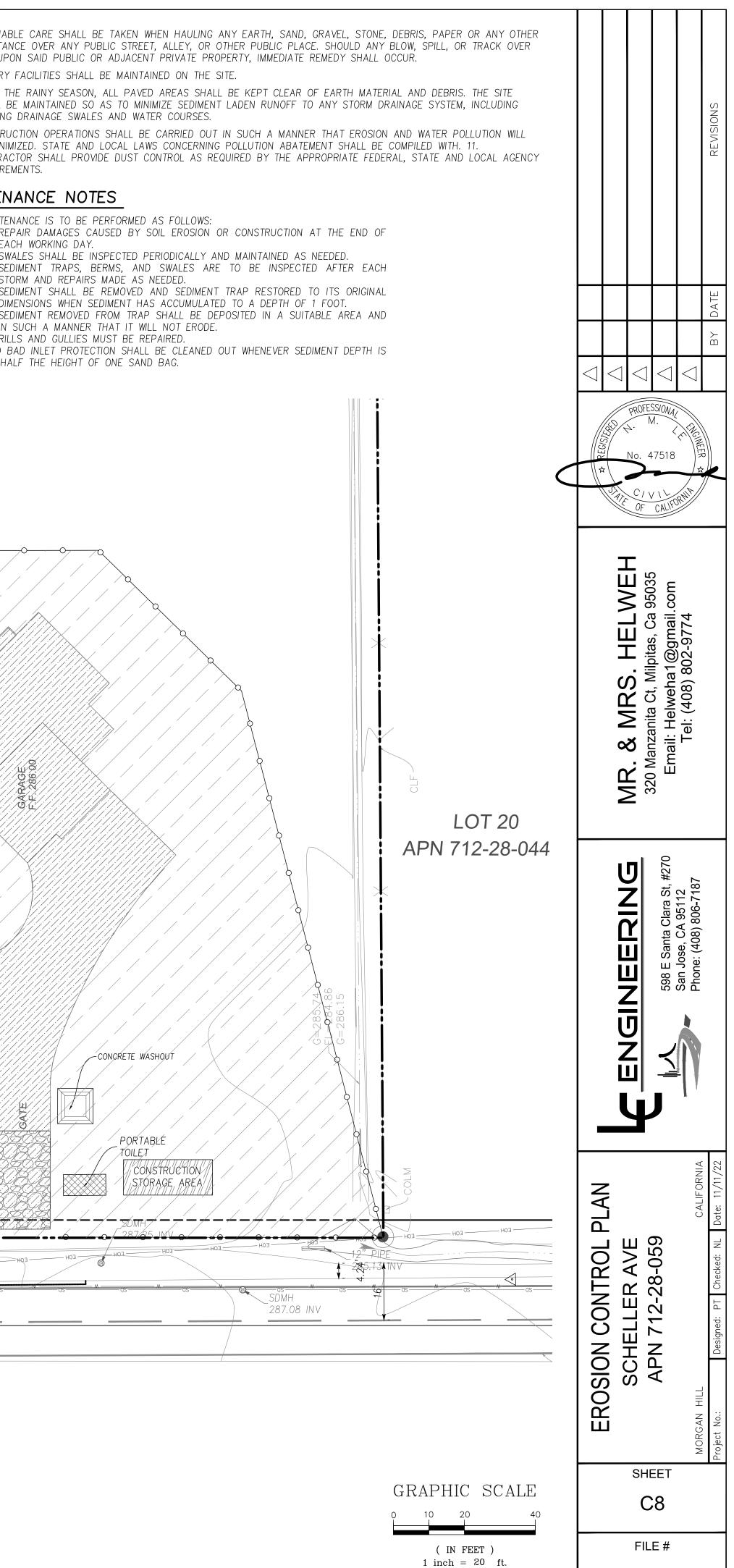




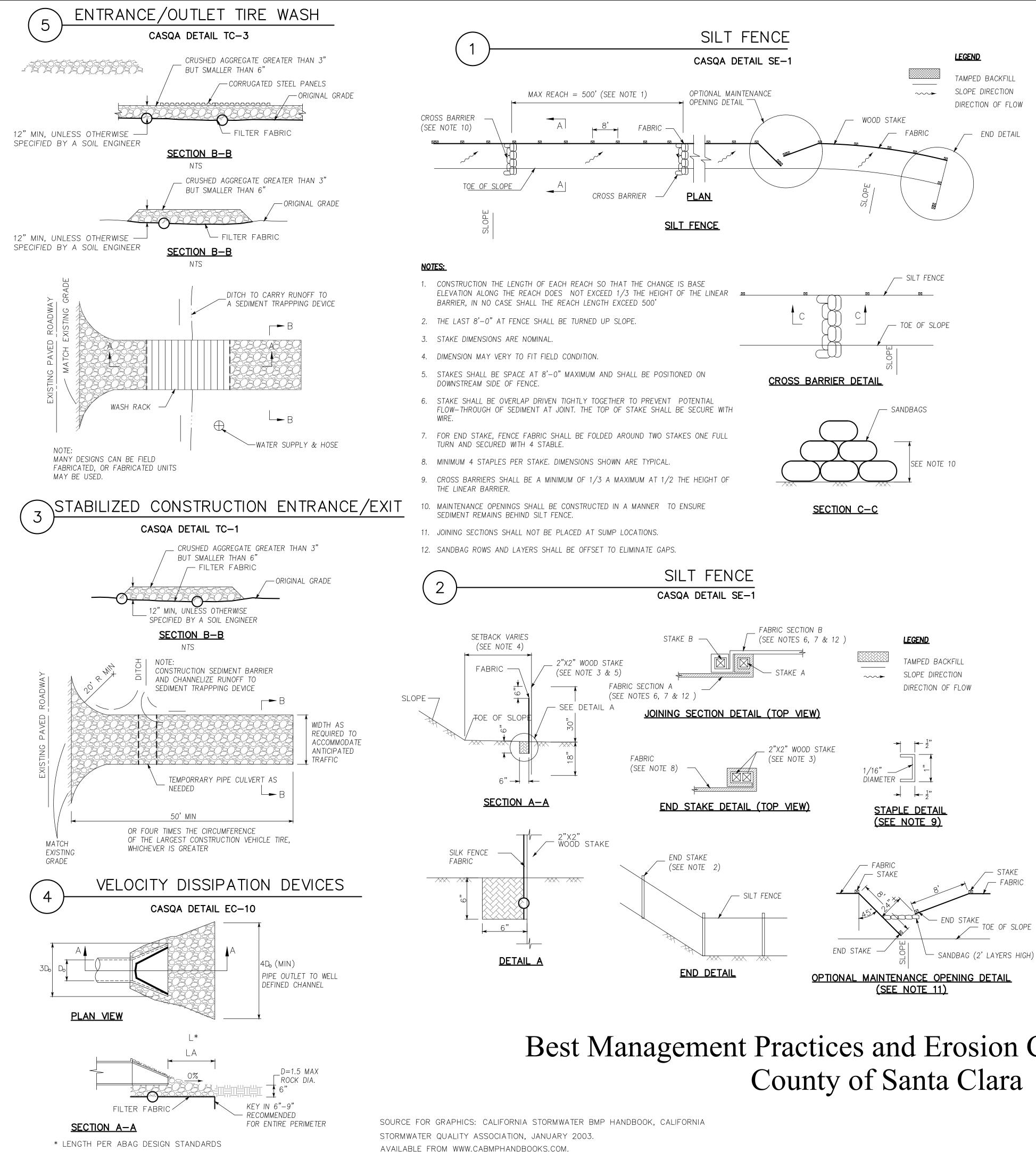


SCHELLER AVENUE (FORMERLY THIRD STREET) (A COUNTY MAINTAINED ROAD)

	GENERAL EROSION AND SEDIMENT CONTR	ROL NOTES:	7. REASONAI SUBSTA
REVENT SEDIMENT FROM JUNCTION WITH EROSION	1. OWNER: MR. & MRS HELWEH ADDRESS: 320 MANZANITA CT, MILPITAS, CA 95035		AND UP 8. SANITARY
TYDROSEEDED. EROSION ON SHALL CONFORM TO	PHONE NUMBER: IT SHALL BE THE OWNER'S RESPONSIBILITY TO MAINTAIN CONTROL C THE ENTIRE SITE IN COMPLIANCE WITH THE SOIL EROSION CONTROL		9. DURING T SHALL E EXISTING
ET. R ALL THE SITUATIONS ATED FIELD CONDITION. FIELD. NOTIFY THE CITY	2. CIVIL ENGINEER: LC ENGINEERING 598 E SANTA CLARA STREET, SAN JOSE (408) 806–7187		10. CONSTRU BE MINII CONTRA REQUIRE
	3. CONTRACTOR: ADDRESS: 24-HOUR PHONE NUMBER:		MAINTEN
	CONSTRUCTION SUPERINTENDENT: ADDRESS: 24-HOUR PHONE NUMBER:		1. MAINTE A. RE EA
PORTABLE TOILET	<ol> <li>THIS PLAN IS INTENDED TO BE USED FOR INTERIM EROSION AND SE FOR FINAL ELEVATIONS OR PERMANENT IMPROVEMENTS.</li> </ol>	DIMENT CONTROL ONLY AND IS NOT TO BE USED	B. SW C. SE ST
FIBER ROLLS	5. DEVELOPER WILL SUBMIT TO THE CITY MONTHLY (AT THE FIRST OF CERTIFICATIONS THAT ALL EROSION/SEDIMENT MEASURES IDENTIFIE IN PLACE. IF MEASURES ARE NOT IN PLACE, DEVELOPER SHALL PF	D ON THE APPROVED EROSION CONTROL PLAN ARE ROVIDE THE TOWN WITH A WRITTEN EXPLANATION OF	D. SE DIN E. SE IN
XIST	WHY THE MEASURE IS NOT IN PLACE AND WHAT WILL BE DONE TO 6. OWNER/CONTRACTER SHALL BE RESPONSIBLE FOR MONITORING EROS DURING, AND AFTER STORM EVENTS.		F. RIL 2. SAND E ONE HJ
			00
0000			
FIBER ROLLS (T	<b>(P)</b>		
	RECORD OF SURVEY		
	870 M 5		
	LOT 10		
	APN 712-28-059 LOT AREA = 423,497± SF	N. HOUSE	
EXIST	NOT A CONSTRUCTION EXIST		
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## STANDARD BEST MANAGEMENT PRACTICE NOTES

- 1. SOLID AND DEMOLITION WASTE MANAGEMENT: PROVIDE DESIGNATED WASTE 1. SEDIMENT CONTROL MANAGEMENT: TRACKING PREVENTION & CLEAN COLLECTION AREAS AND CONTAINERS ON SITE AWAY FROM STREETS, GUTTERS, STORM DRAINS, AND WATERWAYS, AND ARRANGE FOR REGULAR DISPOSAL. WASTE CONTAINERS MUST BE WATERTIGHT AND COVERED AT ALL TIMES EXCEPT WHEN WASTE IS DEPOSITED. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGE C3) OR LATEST. HAZARDOUS WASTE MANAGEMENT: PROVIDE PROPER HANDLING AND
- 2. DISPOSAL OF HAZARDOUS WASTES BY A LICENSED HAZARDOUS WASTE MATERIAL HAULER. HAZARDOUS WASTES SHALL BE STORED AND PROPERLY LABELED IN SEALED CONTAINERS CONSTRUCTED OF SUITABLE MATERIALS. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-5 TO C-6) OR LATEST.
- 3. SPILL PREVENTION AND CONTROL: PROVIDE PROPER STORAGE AREAS FOR LIQUID AND SOLID MATERIALS, INCLUDING CHEMICALS AND HAZARDOUS SUBSTANCES, AWAY FROM STREETS, GUTTERS, STORM DRAINS, AND WATERWAYS. SPILL CONTROL MATERIALS MUST BE KEPT ON SITE WHERE READILY ACCESSIBLE. SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINATED SOIL DISPOSED PROPERLY. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-7 TO C-8, C-13 TO C-14) OR LATEST. VEHICLE AND CONSTRUCTION EQUIPMENT SERVICE AND STORAGE:
- 4. AN AREA SHALL BE DESIGNATED FOR THE MAINTENANCE, WHERE ON-SITE MAINTENANCE IS REQUIRED, AND STORAGE OF EQUIPMENT THAT IS PROTECTED FROM STORMWATER RUN-ON AND RUNOFF. MEASURES SHALL BE PROVIDED TO CAPTURE ANY WASTE OILS, LUBRICANTS, OR OTHER POTENTIAL POLLUTANTS AND THESE WASTES SHALL BE PROPERLY DISPOSED OF OFF SITE. FUELING AND MAJOR MAINTENANCE/REPAIR, AND WASHING SHALL BE CONDUCTED OFF-SITE WHENEVER FEASIBLE. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGE C9) OR LATEST.
- 5. MATERIAL DELIVERY, HANDLING AND STORAGE: IN GENERAL, MATERIALS SHOULD NOT BE STOCKPILED ON SITE. WHERE TEMPORARY STOCKPILES ARE NECESSARY AND APPROVED BY THE COUNTY, THEY SHALL BE COVERED WITH SECURED PLASTIC SHEETING OR TARP AND LOCATED IN DESIGNATED AREAS NEAR CONSTRUCTION ENTRANCES AND AWAY FROM DRAINAGE PATHS AND WATERWAYS. BARRIERS SHALL BE PROVIDED AROUND STORAGE AREAS WHERE MATERIALS ARE POTENTIALLY IN CONTACT WITH RUNOFF. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-11 TO C-12) OR LATEST.
- 6. HANDLING AND DISPOSAL OF CONCRETE AND CEMENT: WHEN CONCRETE TRUCKS AND EQUIPMENT ARE WASHED ON-SITE, CONCRETE WASTEWATER SHALL BE CONTAINED IN DESIGNATED CONTAINERS OR IN A TEMPORARY LINED AND WATERTIGHT PIT WHERE WASTED CONCRETE CAN HARDEN FOR 3 LATER REMOVAL. IF POSSIBLE HAVE CONCRETE CONTRACTOR REMOVE CONCRETE WASH WATER FROM SITE. IN NO CASE SHALL FRESH CONCRETE BE WASHED INTO THE ROAD RIGHT-OF-WAY. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-15 TO C-16) OR LATEST.
- 7. PAVEMENT CONSTRUCTION MANAGEMENT: PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS FROM PAVING OPERATIONS. USING MEASURES TO PREVENT RUN-ON AND RUNOFF POLLUTION AND PROPERLY DISPOSING WHEN RAIN IS IN THE FORECAST. RESIDUE FROM SAW-CUTTING SHALL BE VACUUMED FOR PROPER DISPOSAL. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-17 TO C-18) OR LATEST.
- 8. CONTAMINATED SOIL AND WATER MANAGEMENT: INSPECTIONS TO IDENTIFY CONTAMINATED SOILS SHOULD OCCUR PRIOR TO CONSTRUCTION AND AT REGULAR INTERVALS DURING CONSTRUCTION. REMEDIATING CONTAMINATED SOIL SHOULD OCCUR PROMPTLY AFTER IDENTIFICATION AND BE SPECIFIC TO THE CONTAMINANT IDENTIFIED, WHICH MAY INCLUDE HAZARDOUS WASTE 6. REMOVAL. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-19 TO C-20) OR LATEST.
- SHOULD BE LOCATED AWAY FROM DRAINAGE PATHS, WATERWAYS, AND TRAFFIC AREAS. ONLY LICENSED SANITARY AND SEPTIC WASTE HAULERS SHOULD BE USED. SECONDARY CONTAINMENT SHOULD BE PROVIDED FOR 8. ALL SANITARY FACILITIES. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGE C-21) OR LATEST.
- 10. INSPECTION & MAINTENANCE: AREAS OF MATERIAL AND EQUIPMENT STORAGE SITES AND TEMPORARY SANITARY FACILITIES MUST BE INSPECTED WEEKLY. PROBLEM AREAS SHALL BE IDENTIFIED AND APPROPRIATE ADDITIONAL AND/OR ALTERNATIVE CONTROL MEASURES IMPLEMENTED IMMEDIATELY, WITHIN 24 HOURS OF THE PROBLEM BEING IDENTIFIED.

# Best Management Practices and Erosion Control Details Sheet 1

## STANDARD EROSION CONTROL NOTES

UP: ACTIVITIES SHALL BE ORGANIZED AND MEASURES TAKEN AS NEEDED TO PREVENT OR MINIMIZE TRACKING OF SOIL ONTO THE PUBLIC STREET SYSTEM. A GRAVEL OR PROPRIETARY DEVICE CONSTRUCTION ENTRANCE/EXIT IS REQUIRED FOR ALL SITES. CLEAN UP OF TRACKED MATERIAL SHALL BE PROVIDED BY MEANS OF A STREET SWEEPER PRIOR TO AN APPROACHING RAIN EVENT, OR AT LEAST ONCE AT THE END OF EACH WORKDAY THAT MATERIAL IS TRACKED, OR, MORE FREQUENTLY AS DETERMINED BY THE COUNTY INSPECTOR. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES B-31 TO B-33) OR LATEST.

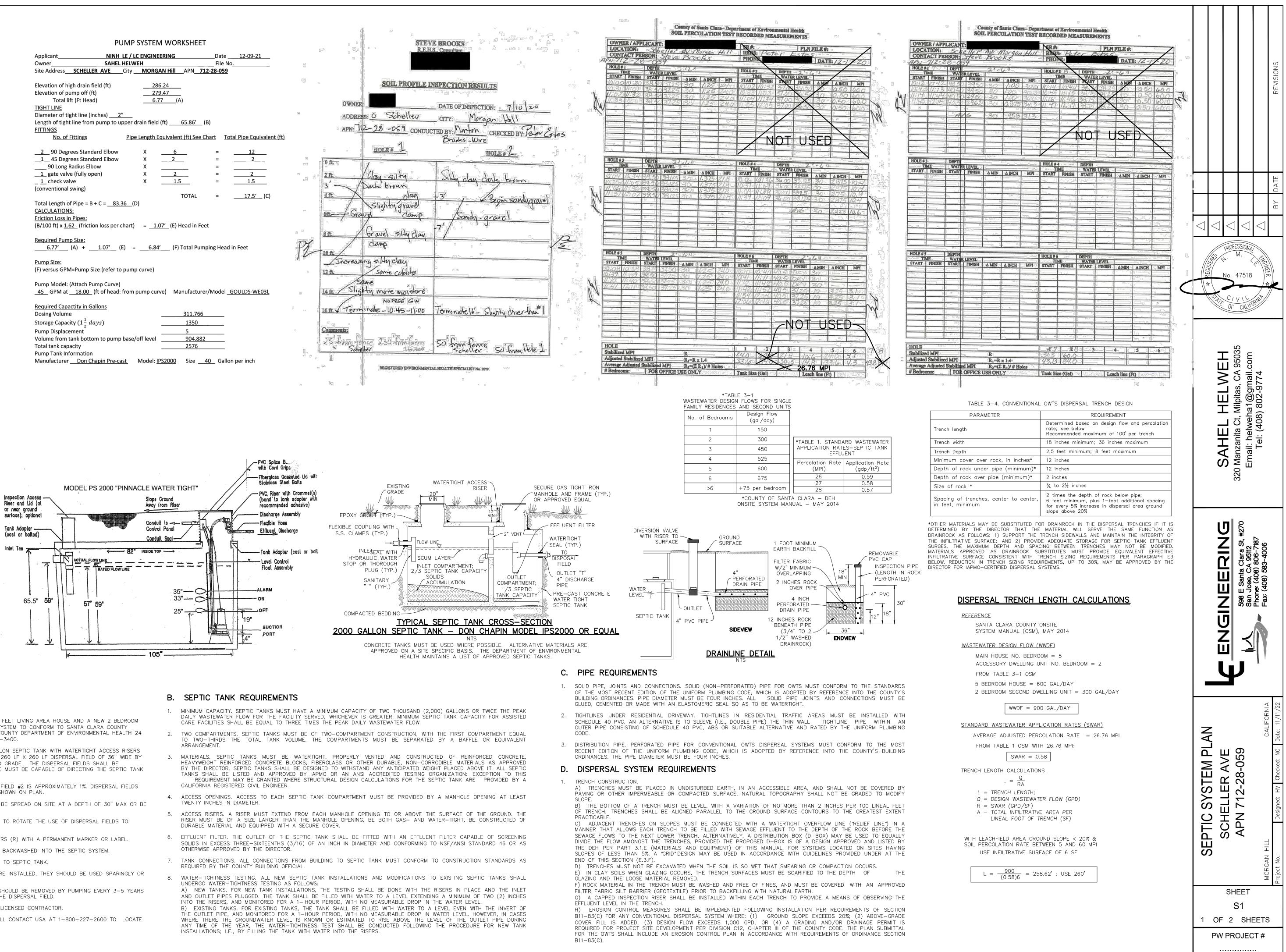
STORM DRAIN INLET AND CATCH BASIN INLET PROTECTION: ALL INLETS WITHIN THE VICINITY OF THE PROJECT AND WITHIN THE PROJECT LIMITS SHALL BE PROTECTED WITH GRAVEL BAGS PLACED AROUND INLETS OR OTHER INLET PROTECTION. AT LOCATIONS WHERE EXPOSED SOILS ARE PRESENT, STAKED FIBER ROLES OR STAKED SILT FENCES CAN BE USED. INLET FILTERS ARE NOT ALLOWED DUE TO CLOGGING AND SUBSEQUENT FLOODING. REFER TO EROSION & SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES B-49 TO B–51) OR LATEST. STORM WATER RUNOFF: NO STORM WATER RUNOFF SHALL BE ALLOWED TO DRAIN IN TO THE EXISTING AND/OR PROPOSED UNDERGROUND STORM DRAIN SYSTEM OR OTHER ABOVE GROUND WATERCOURSES UNTIL APPROPRIATE EROSION CONTROL MEASURES ARE FULLY INSTALLED. DUST CONTROL: THE CONTRACTOR SHALL PROVIDE DUST CONTROL IN GRADED AREAS AS REQUIRED BY PROVIDING WET SUPPRESSION OR CHEMICAL STABILIZATION OF EXPOSED SOILS, PROVIDING FOR RAPID CLEAN UP OF SEDIMENTS DEPOSITED ON PAVED ROADS, FURNISHING CONSTRUCTION ROAD ENTRANCES AND VEHICLE WASH DOWN AREAS, AND LIMITING THE AMOUNT OF AREAS DISTURBED BY CLEARING AND EARTH MOVING OPERATIONS BY SCHEDULING THESE ACTIVITIES IN PHASES. STOCKPILING: EXCAVATED SOILS SHALL NOT BE PLACED IN STREETS OR ON PAVED AREAS. BORROW AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES(TARPS, STRAW BALES, SILT FENCES, ECT.) TO ENSURE SILT DOES NOT LEAVE THE SITE OR ENTER THE STORM DRAIN SYSTEM OR NEIGHBORING WATERCOURSE.

- EROSION CONTROL: DURING THE RAINY SEASON, ALL DISTURBED AREAS MUST INCLUDE AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL. IT IS REQUIRED THAT TEMPORARY EROSION CONTROL MEASURES ARE APPLIED TO ALL DISTURBED SOIL AREAS PRIOR TO A RAIN EVENT. DURING THE NON-RAINY SEASON, EROSION CONTROL MEASURES MUST BE APPLIED SUFFICIENT TO CONTROL WIND EROSION AT THE SITE.
- INSPECTION & MAINTENANCE: DISTURBED AREAS OF THE PROJECT'S SITE, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND ALL EROSION AND SEDIMENT CONTROLS THAT ARE IDENTIFIED AS PART OF THE EROSION CONTROL PLANS MUST BE INSPECTED BY THE CONTRACTOR BEFORE, DURING, AND AFTER STORM EVENTS, AND AT LEAST WEEKLY DURING SEASONAL WET PERIODS. PROBLEM AREAS SHALL BE IDENTIFIED AND APPROPRIATE ADDITIONAL AND/ OR ALTERNATIVE CONTROL MEASURES IMPLEMENTED IMMEDIATELY, WITHIN 24 HOURS OF THE PROBLEM BEING IDENTIFIED.
- OF WASTES. AVOID PAVING IN THE WET SEASON AND RESCHEDULE PAVING 4. PROJECT COMPLETION: PRIOR TO PROJECT COMPLETION AND SIGNOFF BY THE COUNTY INSPECTOR, ALL DISTURBED AREAS SHALL BE RESEEDED, PLANTED, OR LANDSCAPED TO MINIMIZE THE POTENTIAL FOR EROSION ON THE SUBJECT SITE.
  - 5. IT SHALL BE THE OWNER'S/CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CONTROL OF THE ENTIRE CONSTRUCTION OPERATION AND TO KEEP THE ENTIRE SITE IN COMPLIANCE WITH THE EROSION CONTROL PLAN.
  - EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL BE OPERABLE YEAR ROUND OR UNTIL VEGETATION IS FULLY ESTABLISHED ON LANDSCAPED SURFACES
- 9. SANITARY/SEPTIC WATER MANAGEMENT: TEMPORARY SANITARY FACILITIES 7. GRADING WORK BETWEEN OCTOBER 15 AND APRIL 15 IS AT THE DISCRETION OF SANTA CLARA COUNTY BUILDING OFFICIAL.
  - EXPOSED SLOPE SHALL BE PROTECTED WITH JUTE NET AND/OR HYDROSEED. HYDROSEED SHALL BE A HOMOGENEOUSLY MIX OF SLURRY CONTAINING NOT LESS THAN 44 LBS ORGANIC MULCHING AMENDMENT PLUS FERTILIZER, CHEMICAL ADDITIVES AND SOILS FOR EACH 100 GALLONS OF WATER

lo. 47518 WE | Con La Construction Constructio @gma 02-977 Ψ S wen: 408) C to Σ Š  $\geq$ #270 GINEERING E Santa Clara St, #; Jose, CA 95112 ne: (408) 806-7187 598 San Phoi 乙 山 S **EROSION CONTROL DETAIL** 0 HELLER N 712-28 U U U S SHEET C9 FILE # .....

Height nches)	Volume in Gallons (ignore baffles)		
0	0	4	
1	34.213		
2	68.589		
3	103.128		
4	137.831	-	
5	172.698		
6	207.729		
7	242.924	-	
8	278.284	-	-
9	313.810	-	
10	349.500		904.882 Gallons
11	385.356		
12	421.378		
13	457.566	-	
14	493.920	_	
15	530.441	-	
16	567.129		1
10	603.984		-
18	641.007	_	
19	678.198		
20	715.557		
21	753.084		
22	790.780		
23	828.644		
24	866.678		
25	904.882	+	PUMP OFF
26	943.255	1	
27	981.799		
28	1020.513		
29	1059.397		
30	1098.453		311.766 Gallons
31	1137.680		
32	1177.078	1	PUMP ON
33	1216.648	-	
34	1256.390		
35	1296.304		-
36	1336.391		
37	1376.651	_	1
38	1417.084		
39	1457.691	_	
		_	
40	1498.472	_	
41	1539.426	_	-
42	1580.555		
43	1621.858		
44	1663.337		
45	1704.990		1358.637 Gallons
46	1746.819		1550.057 GALIOUS
47	1788.824		
48	1831.005		
49	1873.362		
50	1915.895		
51	1958.606		
52	2001.494		
	2044.559	-	
53			-
53 54	2087.802		
	2087.802 2131.223		
54	2131.223		
54 55 56	2131.223 2174.822		
54 55 56 57	2131.223 2174.822 2218.600		
54 55 56 57 58	2131.223 2174.822 2218.600 2262.557		
54 55 56 57 58 59	2131.223 2174.822 2218.600 2262.557 2306.692		
54 55 56 57 58 59 60	2131.223 2174.822 2218.600 2262.557 2306.692 2351.008		
54 55 56 57 58 59 60 61	2131.223 2174.822 2218.600 2262.557 2306.692 2351.008 2395.503		
54 55 56 57 58 59 60 61 62	2131.223 2174.822 2218.600 2262.557 2306.692 2351.008 2395.503 2440.177		
54 55 56 57 58 59 60 61	2131.223 2174.822 2218.600 2262.557 2306.692 2351.008 2395.503		

Applicant					12-09-21		
Owner	SAHEL HELWE				lo <u>.</u>		No.
Site Address <u>SCHELLER</u>	AVECity	MORGAN Hill	APN <b>71</b>	.2-28-059			
Elevation of high drain fie	ld (ft)	286.24					1
Elevation of pump off (ft)		279.47					
Total lift (Ft Head)		6.77	(A)				
TIGHT LINE							
Diameter of tight line (inc							
Length of tight line from p	pump to upper dr	ain field (ft)	65.86' (	(B)			
<u>FITTINGS</u>			. (5.) 0 0				
<u>No. of Fittings</u>	<u>Pipe l</u>	ength Equivale	ent (ft) See C	<u>hart</u> <u>T</u>	otal Pipe Equi	valent (ft)	
90 Degrees Standa	rd Elbow	X 6		=	12		
45 Degrees Standa		X 2		=	2		Ċ.
90 Long Radius Elbo		x		=		_	(P)
<u>1</u> gate valve (fully ope				=	2		8
<u>1</u> check valve			.5	=	1.5		- Second
conventional swing)			TOTAL	=	47 51	1 - 1	
			TOTAL		17.5′	_ (C)	
otal Length of Pipe = B +	C = <u>83.36</u> (D)		TOTAL		17.5	_ (C)	
Total Length of Pipe = B + CALCULATIONS:	C = <u>83.36</u> (D)		IUIAL		17.5	_ (C)	-
Total Length of Pipe = B + CALCULATIONS: Friction Loss in Pipes:					17.5	_ (C)	
Total Length of Pipe = B + CALCULATIONS: Friction Loss in Pipes:					17.5	_ (C)	
Total Length of Pipe = B + CALCULATIONS: Triction Loss in Pipes: B/100 ft) x <u>1.62</u> (friction					17.5	_ (C)	
Total Length of Pipe = B + CALCULATIONS: Friction Loss in Pipes: B/100 ft) x <u>1.62</u> (friction Required Pump Size:	n loss per chart)	= <u>1.07'</u> (E)	Head in Fee	et		_ (C)	a Th
Total Length of Pipe = B + <u>CALCULATIONS:</u> <u>Friction Loss in Pipes:</u> B/100 ft) x <u>1.62</u> (friction	n loss per chart)	= <u>1.07'</u> (E)	Head in Fee	et		_ (C)	a " PU
Total Length of Pipe = B + <u>CALCULATIONS:</u> <u>Friction Loss in Pipes:</u> B/100 ft) x <u>1.62</u> (friction <u>Required Pump Size:</u> <u>6.77'</u> (A) +	n loss per chart)	= <u>1.07'</u> (E)	Head in Fee	et		_ (C)	Pl
Fotal Length of Pipe = B + <u>CALCULATIONS:</u> <u>Friction Loss in Pipes:</u> B/100 ft) x <u>1.62</u> (friction <u>Required Pump Size:</u> <u>6.77'</u> (A) + <u>Pump Size:</u>	n loss per chart) <u>1.07'</u> (E) =	= <u>1.07'</u> (E) <u>6.84'</u> (F	Head in Fee	et		_ (C)	a PU
Pump Size: F) versus GPM=Pump Siz	n loss per chart) <u>1.07'</u> (E) = e (refer to pump o	= <u>1.07'</u> (E) <u>6.84'</u> (F	Head in Fee	et		_ (C)	a a P
Fotal Length of Pipe = B + <u>CALCULATIONS:</u> <u>Friction Loss in Pipes:</u> B/100 ft) x <u>1.62</u> (friction <u>Required Pump Size:</u> <u>6.77'</u> (A) + <u>Pump Size:</u> F) versus GPM=Pump Siz Pump Model: (Attach Pur	n loss per chart) <u>1.07'</u> (E) = e (refer to pump o np Curve)	= <u>1.07'</u> (E) <u>6.84'</u> (F curve)	Head in Fee	et ping Hea	d in Feet		a P
Fotal Length of Pipe = B + <u>CALCULATIONS:</u> Friction Loss in Pipes: (B/100 ft) x <u>1.62</u> (friction <u>Required Pump Size:</u> <u>6.77'</u> (A) + <u>Pump Size:</u> (F) versus GPM=Pump Size	n loss per chart) <u>1.07'</u> (E) = e (refer to pump o np Curve)	= <u>1.07'</u> (E) <u>6.84'</u> (F curve)	Head in Fee	et ping Hea	d in Feet		G C C C C C C C
Fotal Length of Pipe = B +         CALCULATIONS:         Friction Loss in Pipes:         B/100 ft) x 1.62 (friction         Required Pump Size:         6.77' (A) +         Pump Size:         F) versus GPM=Pump Size         Pump Model: (Attach Pur         45 GPM at 18.00 (frequencies)	n loss per chart) <u>1.07'</u> (E) = e (refer to pump o np Curve) t of head: from po	= <u>1.07'</u> (E) <u>6.84'</u> (F curve)	Head in Fee	et ping Hea	d in Feet		РИ ¤
Total Length of Pipe = B +         CALCULATIONS:         Friction Loss in Pipes:         B/100 ft) x 1.62 (friction         Required Pump Size:         6.77' (A) +         Pump Size:         F) versus GPM=Pump Size         Pump Model: (Attach Pur         45 GPM at 18.00 (f         Required Capactity in Gal	n loss per chart) <u>1.07'</u> (E) = e (refer to pump o np Curve) t of head: from po	= <u>1.07'</u> (E) <u>6.84'</u> (F curve)	Head in Fee ) Total Pum Nanufacture	et ping Hea	d in Feet		Pl
Octal Length of Pipe = B +         CALCULATIONS:         riction Loss in Pipes:         B/100 ft) x 1.62 (friction         Required Pump Size:         6.77' (A) +         Pump Size:         F) versus GPM=Pump Size         Pump Model: (Attach Pur         45 GPM at 18.00 (f         Required Capactity in Gal         Oosing Volume	n loss per chart) <u>1.07'</u> (E) = e (refer to pump o np Curve) t of head: from po <u>lons</u>	= <u>1.07'</u> (E) <u>6.84'</u> (F curve)	Head in Fee ) Total Pum Aanufacture 311.766	et ping Hea	d in Feet		F G G
Fotal Length of Pipe = B +         CALCULATIONS:         Friction Loss in Pipes:         B/100 ft) x 1.62 (friction         Required Pump Size:         6.77' (A) +         Pump Size:         F) versus GPM=Pump Size         Pump Model: (Attach Pur         45 GPM at 18.00 (f         Required Capactity in Gal         Dosing Volume         Gtorage Capacity (1 $\frac{1}{2}$ dag)	n loss per chart) <u>1.07'</u> (E) = e (refer to pump o np Curve) t of head: from po <u>lons</u>	= <u>1.07'</u> (E) <u>6.84'</u> (F curve)	Head in Fee Total Pum Nanufacture <u>311.766</u> 1350	et ping Hea	d in Feet		PL e
Fotal Length of Pipe = B +         CALCULATIONS:         Friction Loss in Pipes:         B/100 ft) x 1.62 (friction         Required Pump Size:         6.77' (A) +         Pump Size:         F) versus GPM=Pump Size         Pump Model: (Attach Pur         45 GPM at 18.00 (f         Required Capactity in Gal         Dosing Volume         Storage Capacity (1 1/2 dag         Pump Displacement	n loss per chart) <u>1.07'</u> (E) = e (refer to pump of np Curve) t of head: from po <u>lons</u> ys)	= <u>1.07'</u> (E) <u>6.84'</u> (F curve) ump curve) M	Head in Fee Total Pum Aanufacture <u>311.766</u> 1350 5	et ping Head r/Model	d in Feet		F G G
Total Length of Pipe = B + <u>CALCULATIONS:</u> <u>Friction Loss in Pipes:</u> B/100 ft) x <u>1.62</u> (friction <u>Required Pump Size:</u> <u>6.77'</u> (A) + <u>Pump Size:</u> F) versus GPM=Pump Siz Pump Model: (Attach Pur <u>45</u> GPM at <u>18.00</u> (friction) <u>Required Capactity in Gal</u> Dosing Volume Storage Capacity $(1\frac{1}{2} dag)$ Pump Displacement Volume from tank botton	n loss per chart) <u>1.07'</u> (E) = e (refer to pump of np Curve) t of head: from po <u>lons</u> ys)	= <u>1.07'</u> (E) <u>6.84'</u> (F curve) ump curve) M	Head in Fee Total Pum Aanufacture <u>311.766</u> 1350 5 904.882	et ping Head r/Model	d in Feet		PL e
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## SEPTIC SYSTEM CONSTRUCTION NOTES

### A. PROJECT REQUIREMENTS

- SYSTEM TO SERVE A NEW 5 BEDROOM, 4,519 SQUARE FEET LIVING AREA HOUSE AND A NEW 2 BEDROOM ACCESSORY DWELLING UNIT (ADU). INSTALLATION OF SYSTEM TO CONFORM TO SANTA CLARA COUNTY SEWAGE DISPOSAL ORDINANCE. CALL SANTA CLARA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH 24 HOURS MIN. PRIOR TO START OF WORK AT (408)-918-3400.
- 2. SEWAGE DISPOSAL SYSTEM CONSISTS OF A 2,000 GALLON SEPTIC TANK WITH WATERTIGHT ACCESS RISERS TO GRADE; A BULL-RUN DIVERSION VALVE; AND TWO 260 LF X 260 LF DISPERSAL FIELD OF 36" WIDE BY 12" DEEP DRAINROCK BED WITH INSPECTION RISERS TO GRADE. THE DISPERSAL FIELDS SHALL BE INTERCONNECTED WITH A DIVERSION VALVE. THE VALVE MUST BE CAPABLE OF DIRECTING THE SEPTIC TANK EFFLUENT TO ONE DISPERSAL FIELD AT A TIME.
- GROUND SLOPE OF DISPERSAL FIELD #1 & DISPERSAL FIELD #2 IS APPROXIMATELY 1%. DISPERSAL FIELDS SHALL BE INSTALLED LEVEL AND ON CONTOURS AS SHOWN ON PLAN.
- EXCESS SOIL FROM LEACHFIELD CONSTRUCTION SHALL BE SPREAD ON SITE AT A DEPTH OF 30" MAX OR BE REMOVED OFF-SITE.
- 5. THE DIVERSION VALVE SHALL BE OPERATED ANNUALLY TO ROTATE THE USE OF DISPERSAL FIELDS TO EXTEND THE LIFE OF THE SEPTIC SYSTEM.
- 6. MARK CAPS OF ALL BULL RUN VALVES (DV) AND RISERS (R) WITH A PERMANENT MARKER OR LABEL.
- 7. SWIMMING POOLS OR SPAS MUST NOT BE DRAINED OR BACKWASHED INTO THE SEPTIC SYSTEM.
- 8. AVOID PLANTING TREES IN DISPERSAL FIELD OR CLOSE TO SEPTIC TANK.
- 9. GARBAGE DISPOSAL IS NOT RECOMMENDED. IF THEY ARE INSTALLED, THEY SHOULD BE USED SPARINGLY OR NOT AT ALL.
- 10. THE SOLIDS THAT ACCUMULATE IN THE SEPTIC TANK SHOULD BE REMOVED BY PUMPING EVERY 3-5 YEARS TO PREVENT SOLIDS FROM ENTERING AND CLOGGING THE DISPERSAL FIELD.
- 11. ALL WORK TO BE PERFORMED BY AN APPROPRIATELY LICENSED CONTRACTOR.
- 12. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL CONTACT USA AT 1-800-227-2600 TO LOCATE ALL UNDERGROUND UTILITIES.

