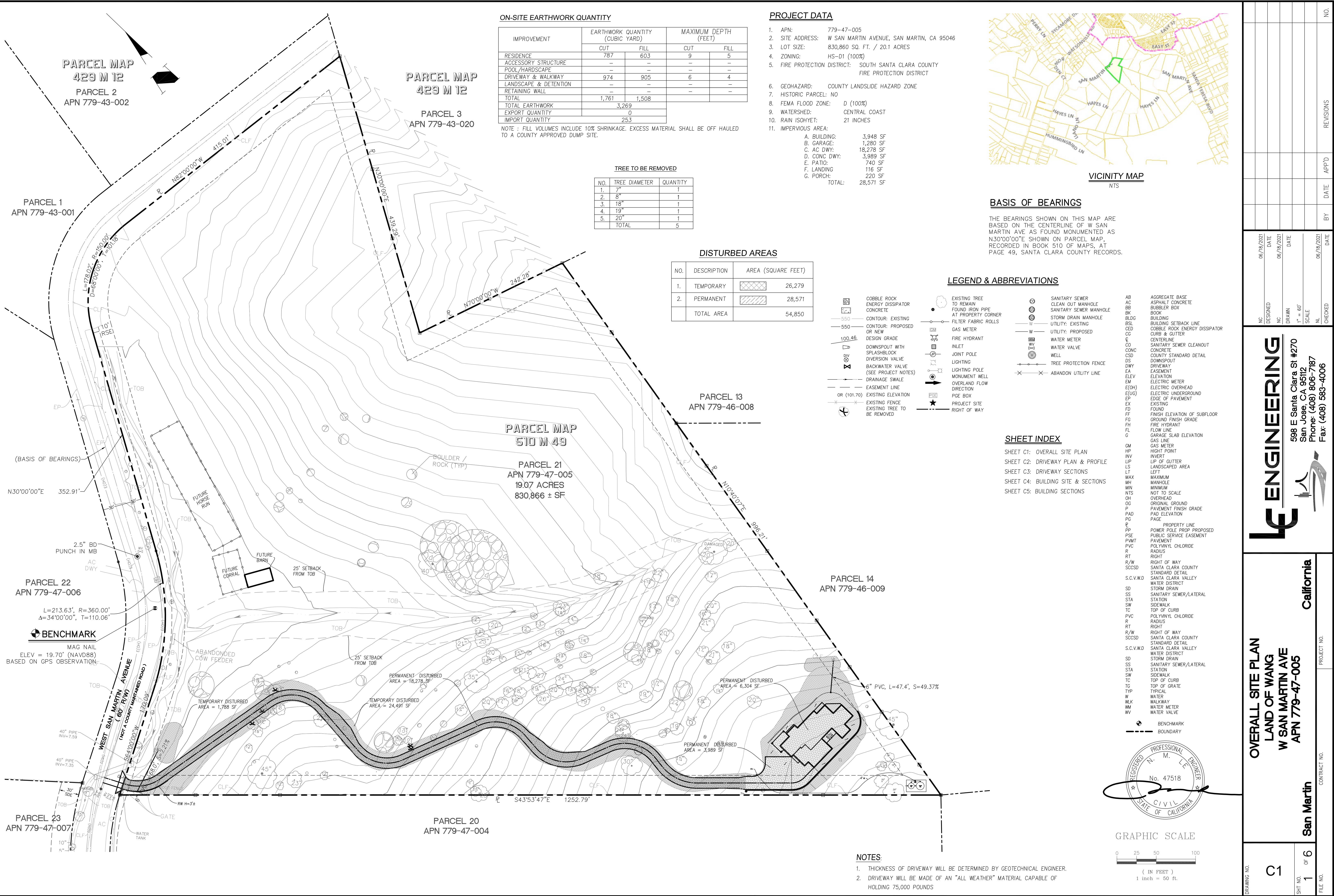




APPLICANT : WANG

ROAD NAME : W SAN MARTIN AVE

OVERALL SITE PLAN
LAND OF WANG
W SAN MARTIN AVE
APN 779-47-005

San Martin

California

FILE NO. 1 OF 6

PROJECT NO. 47518

CONTRACT NO.

DRAWING NO. C1

SHEET NO. 1

FILE NO.

DESIGNED 06/18/2021

DRAWN 06/18/2021

CHECKED 06/19/2021

DATE 06/18/2021

DATE 06/18/2021

DATE 06/19/2021

BY

DATE

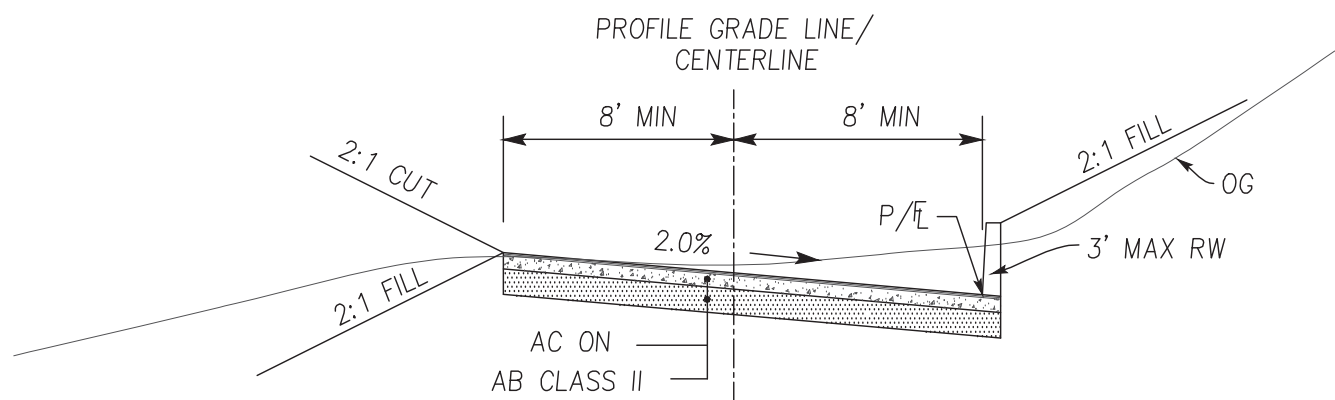
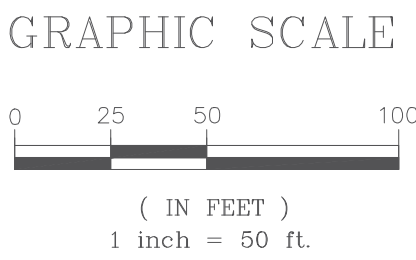
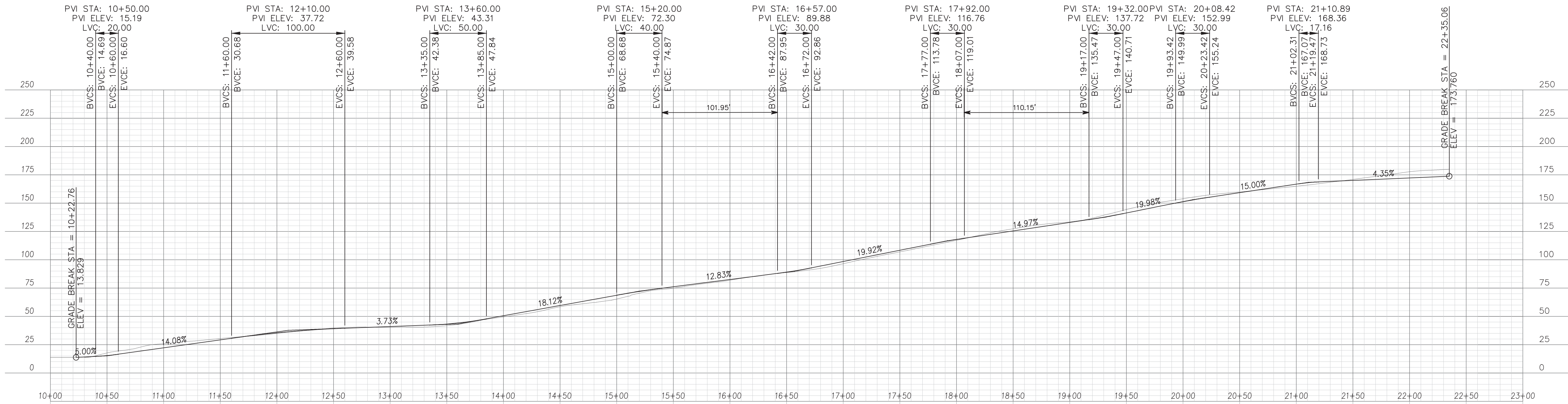
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REVISIONS

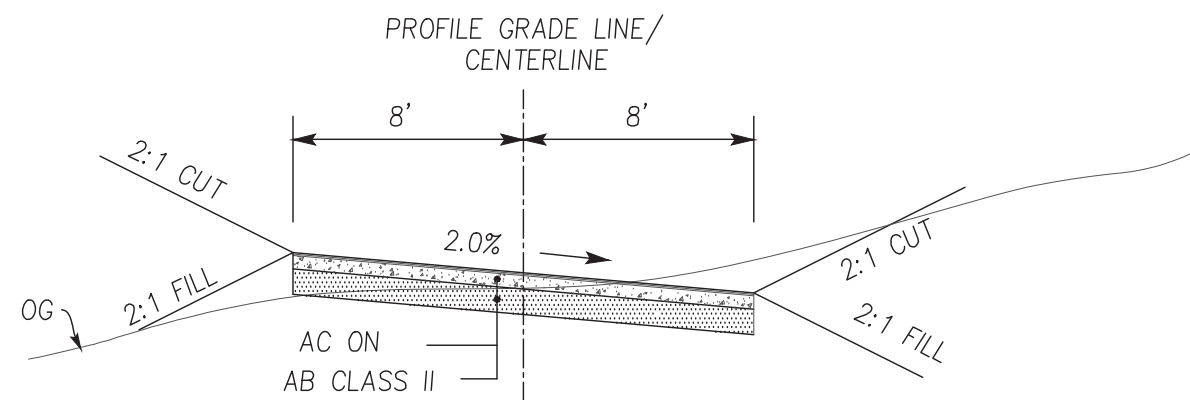
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LAND OF WANG ENGINEERING

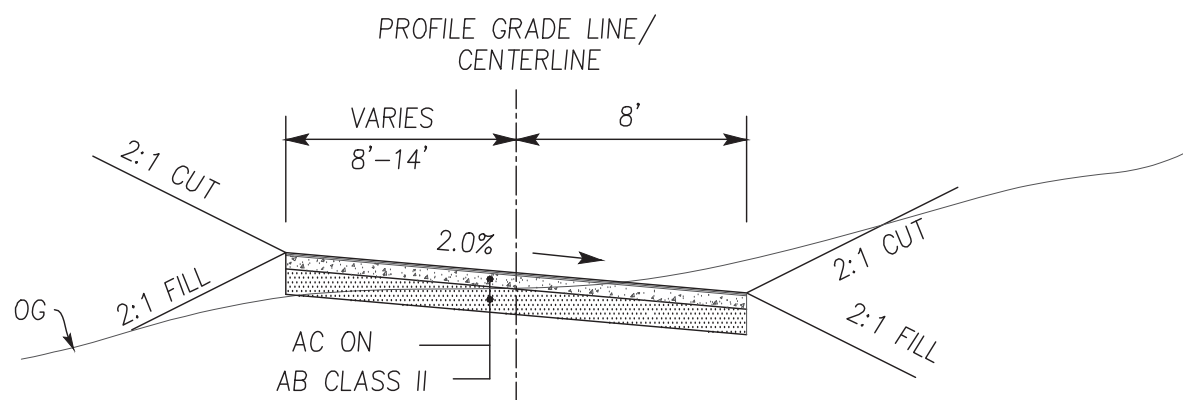
598 E Santa Clara St #270
San Jose, CA 95121
Phone: (408) 806-7187
Fax: (408) 583-4006



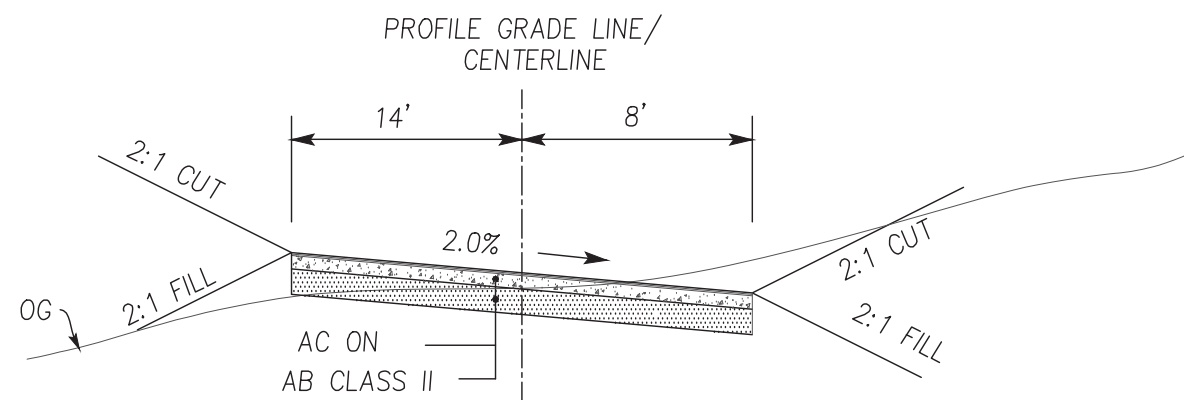
FROM STA=10+36.65 TO 10+97.03
NTS



FROM STA=10+97.03 TO 13+80.68
FROM STA=18+55.57 TO 21+21.97
NTS



FROM STA=13+80.68 TO 14+05
FROM STA=14+33.17 TO 14+57.51
FROM STA=17+44.22 TO 17+71.37
FROM STA=18+26.48 TO 18+55.57
NTS



FROM STA=14+05.00 TO 14+33.17
FROM STA=17+71.11 TO 18+26.48
NTS



DRAWING NO.		DRIVEWAY PROFILE AND SECTIONS				PROJECT NO.				FILE NO.	
C3		LAND OF WANG W SAN MARTIN AVE APN 779-47-005				San Martin				CONTRACT NO.	
SHT NO.		3				OF 6				FILE NO.	
DESIGNED		DATE				BY				DATE	
NC		06/18/2021				APP'D				REVISIONS	
NC		06/18/2021				BY				DATE	
DRAWN		DATE				CHECKED				DATE	
SCALE		SCALE				NL				06/18/2021	
NL		06/18/2021				BY				DATE	
CHECKED		DATE				BY				DATE	
NL		06/18/2021				BY				DATE	

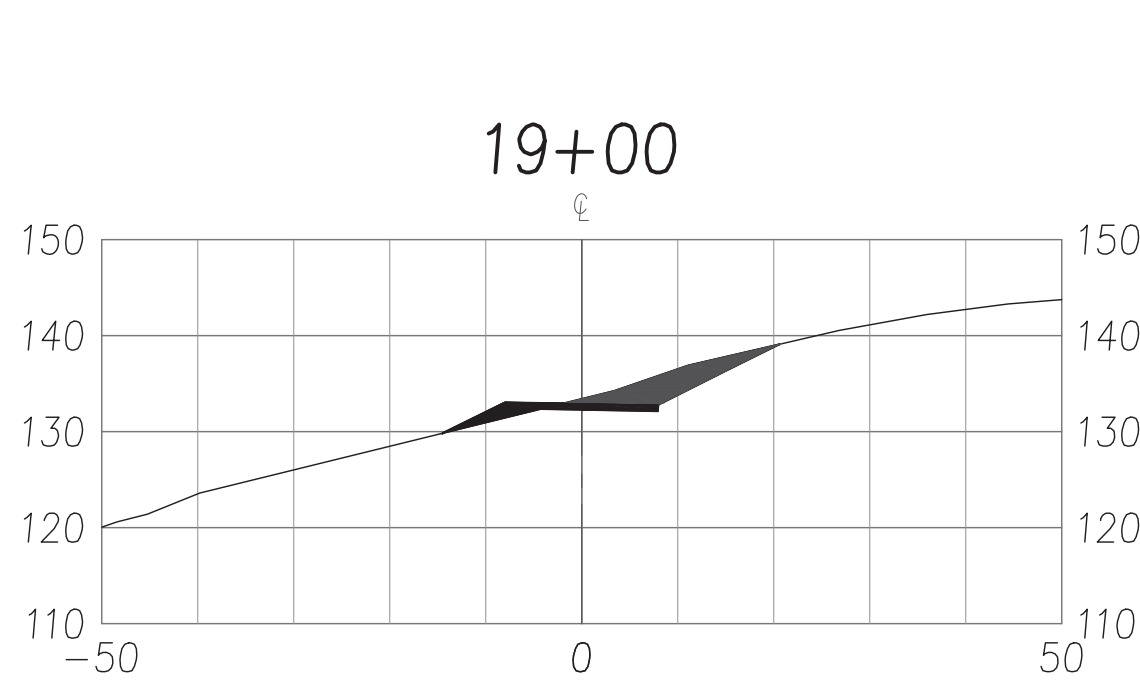
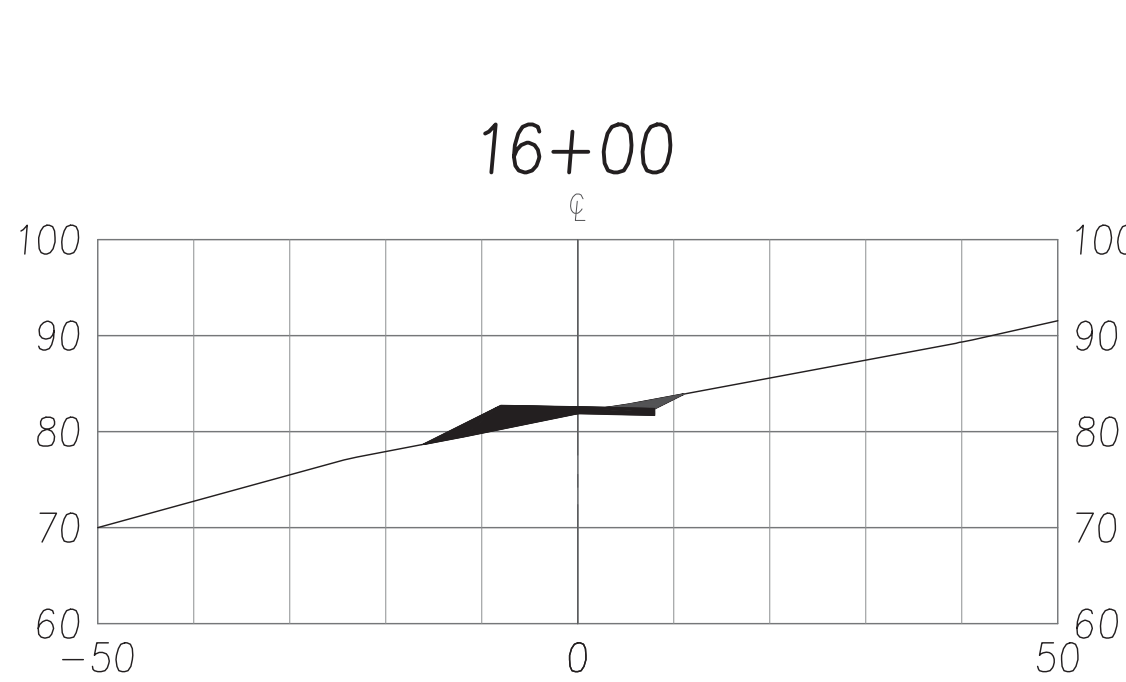
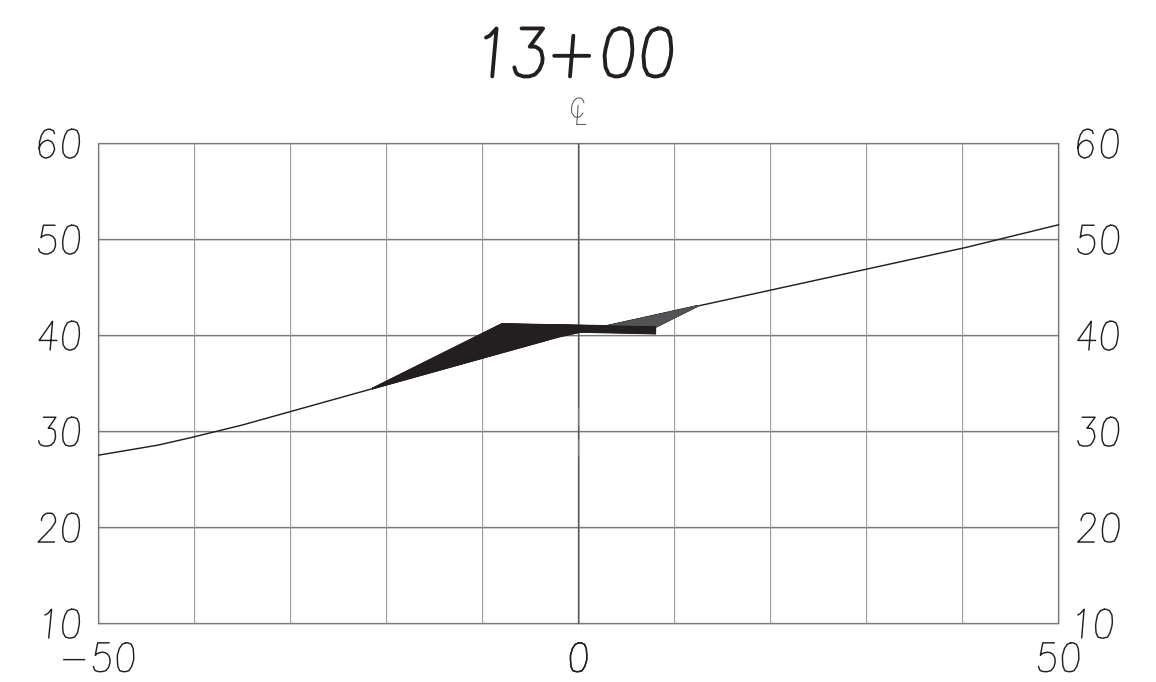
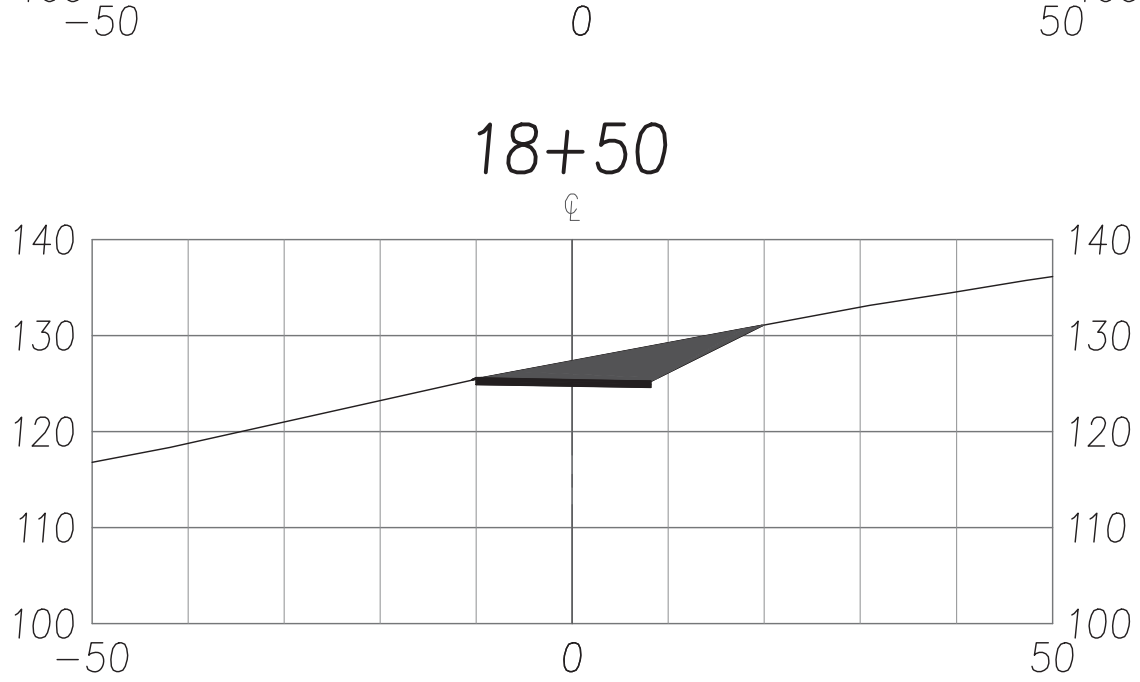
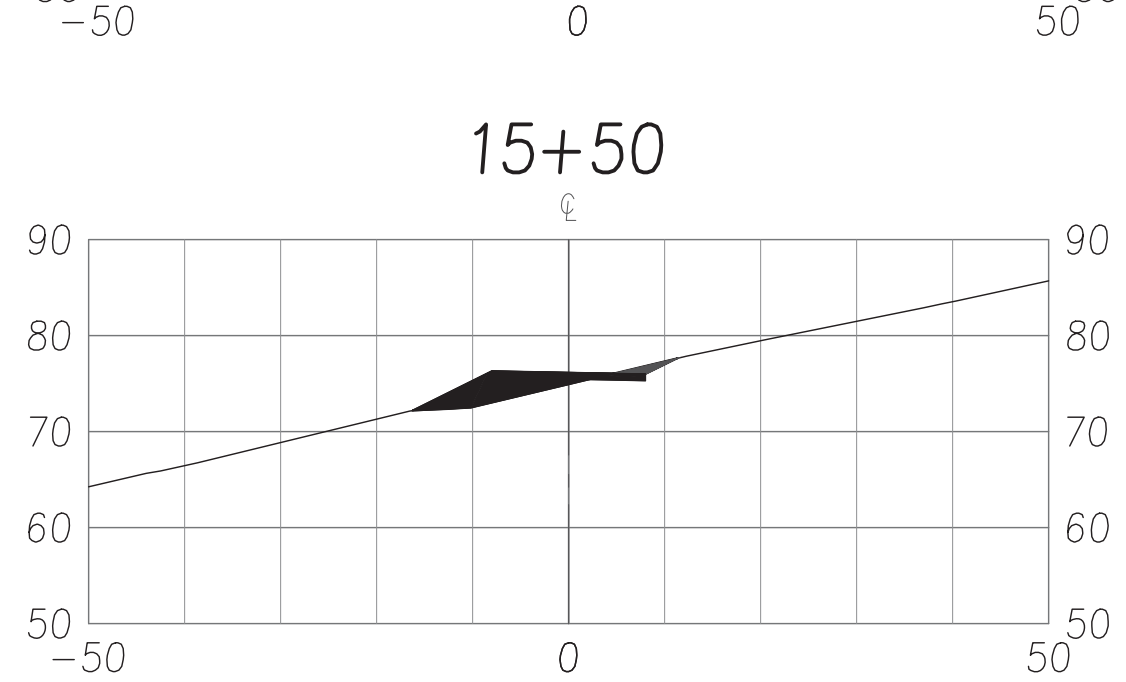
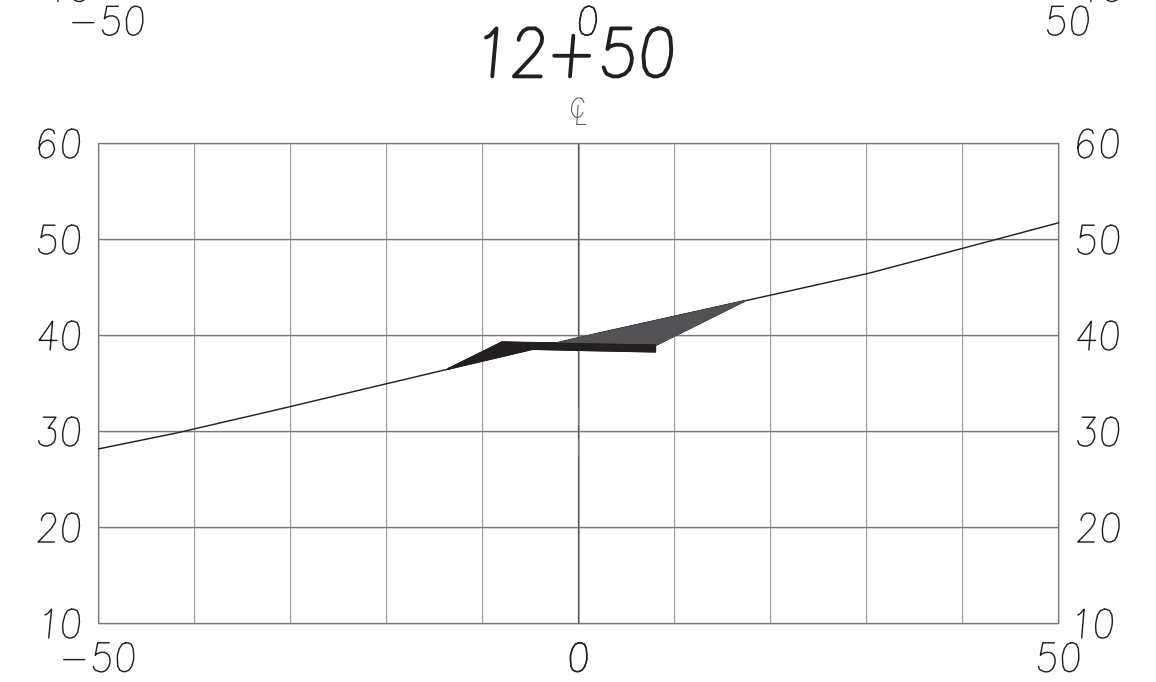
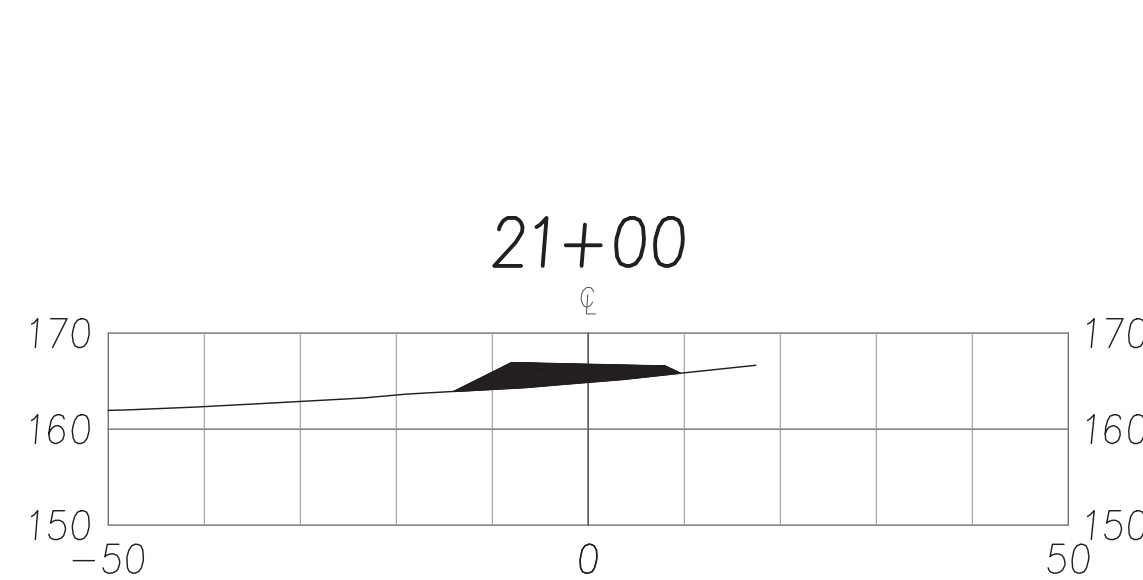
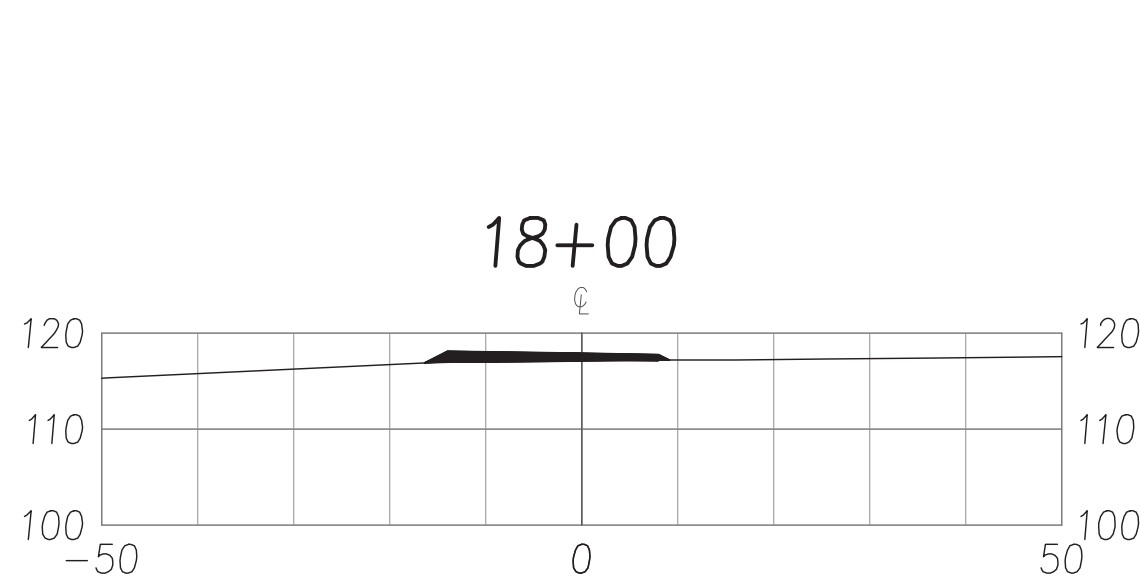
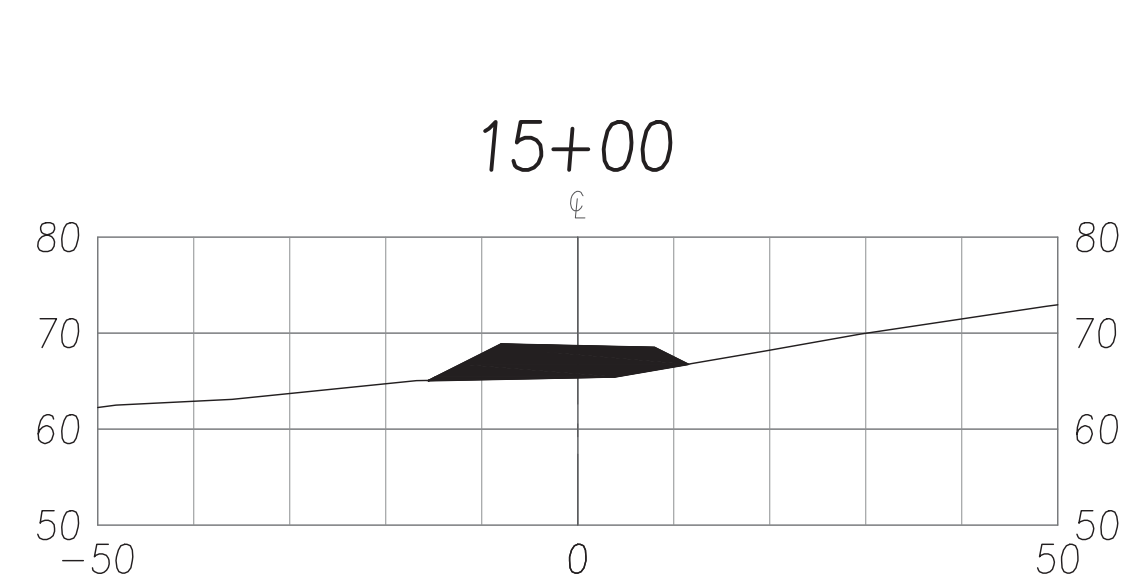
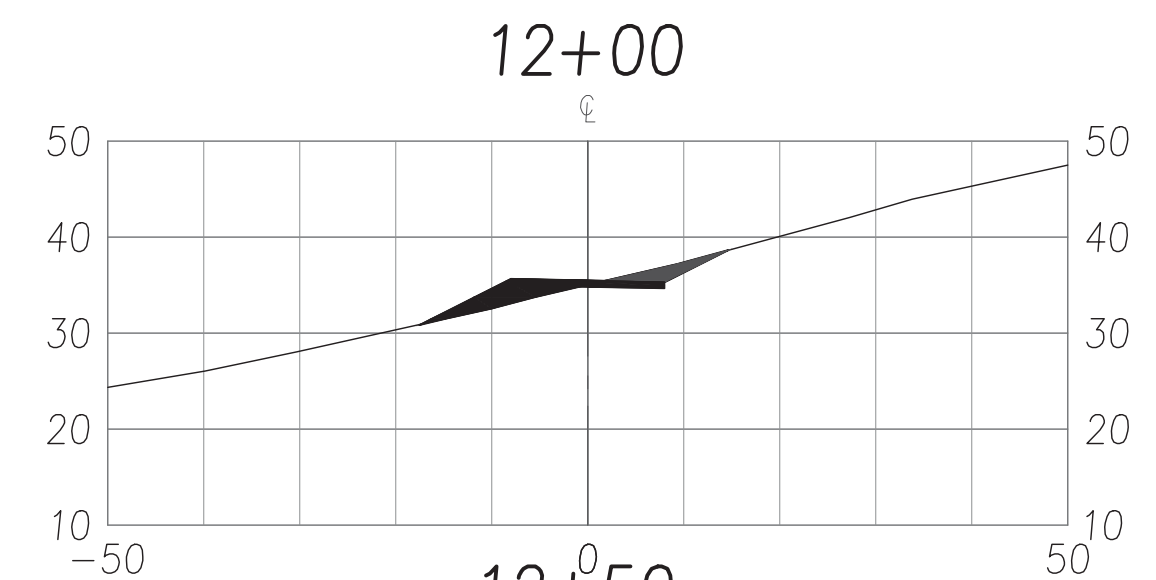
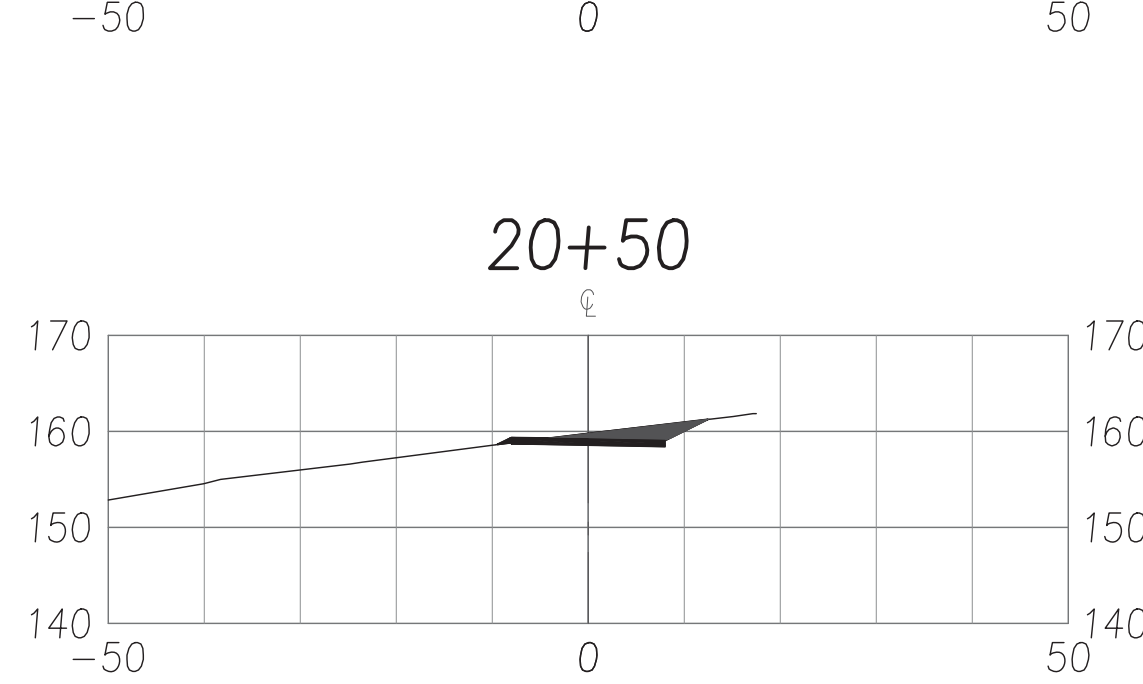
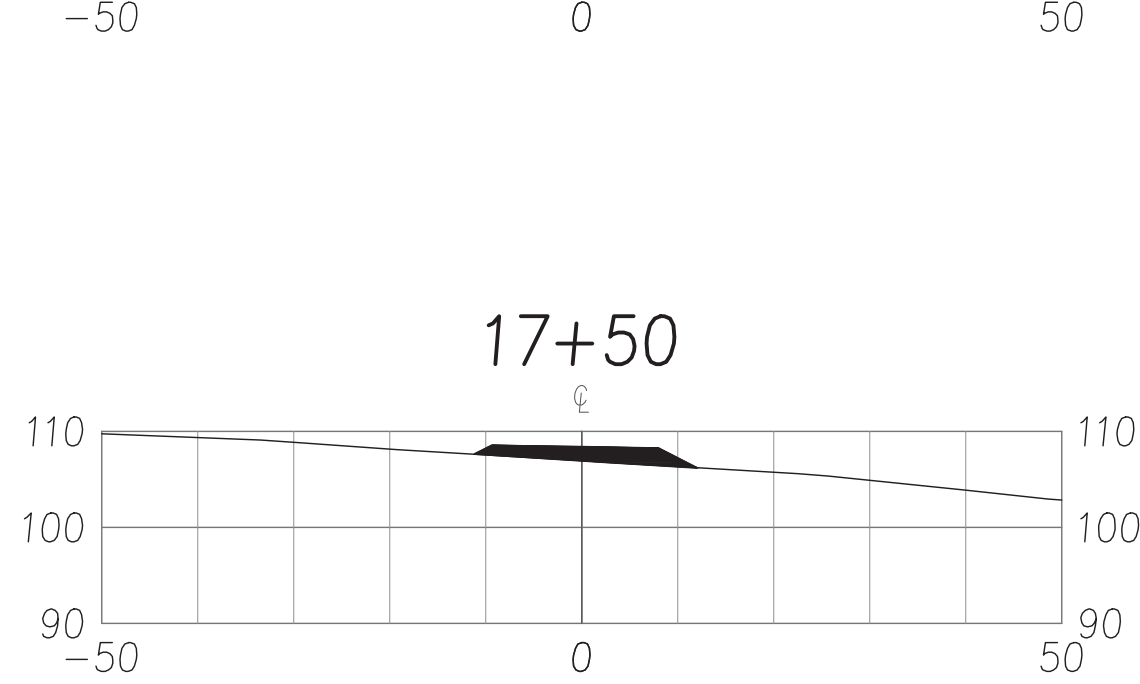
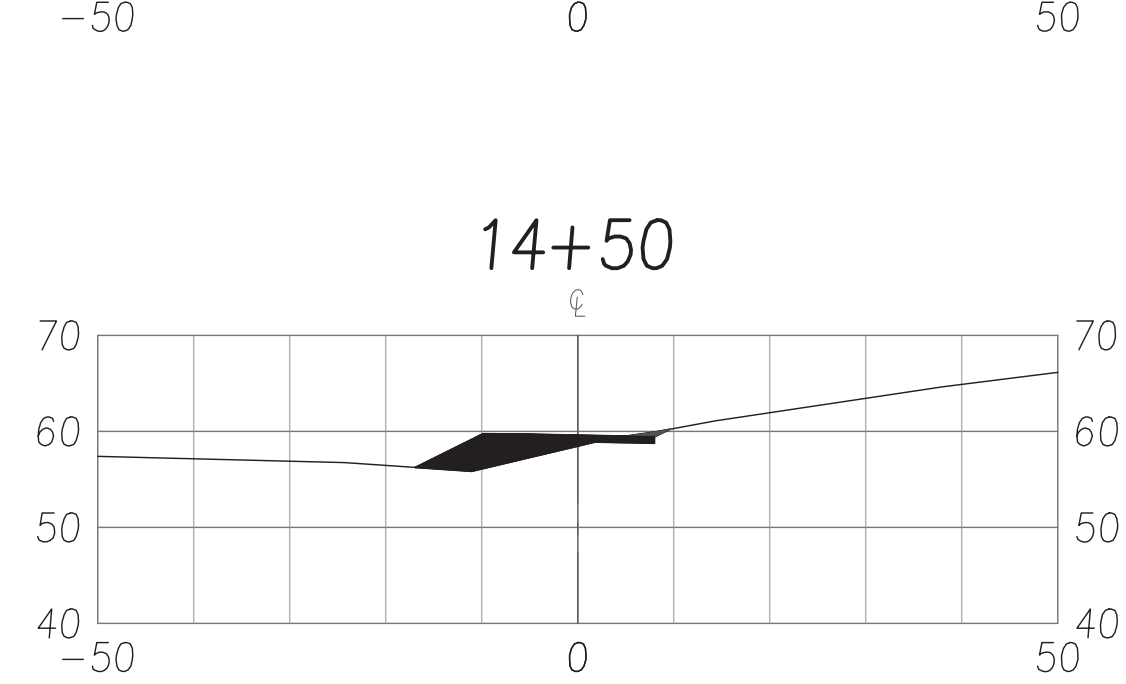
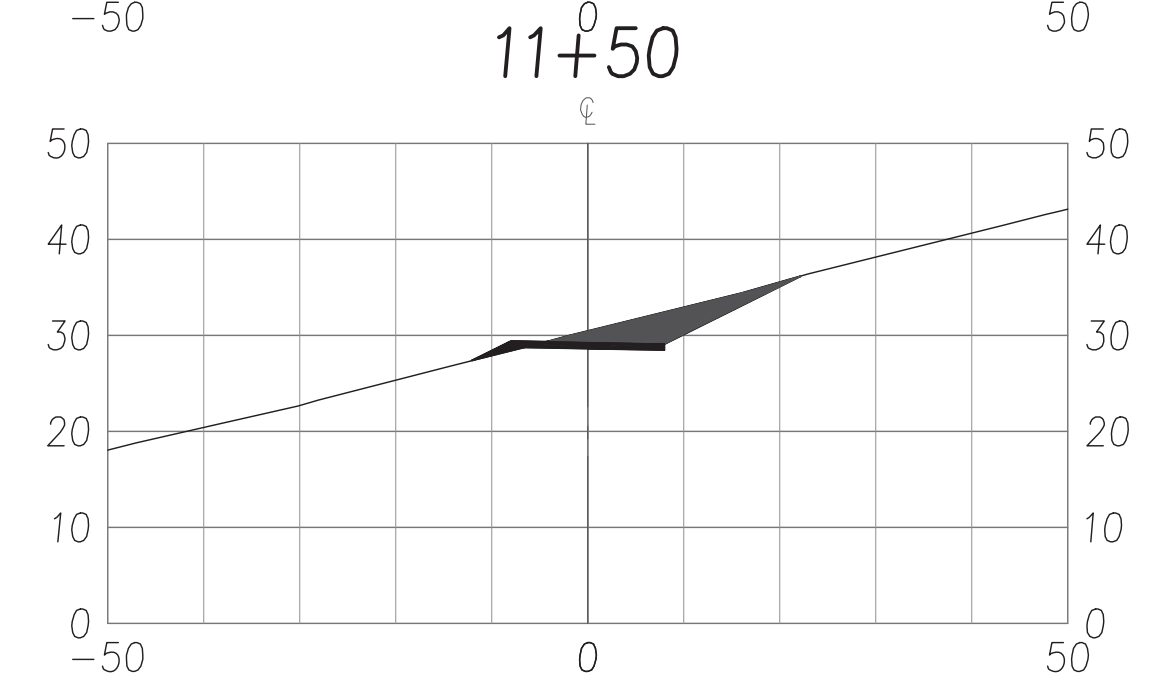
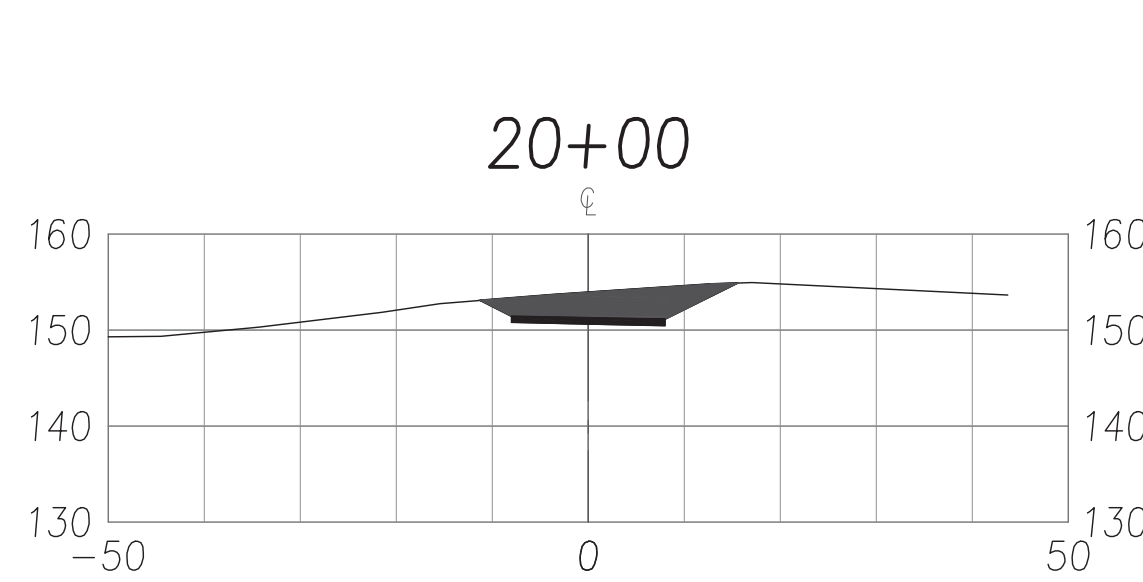
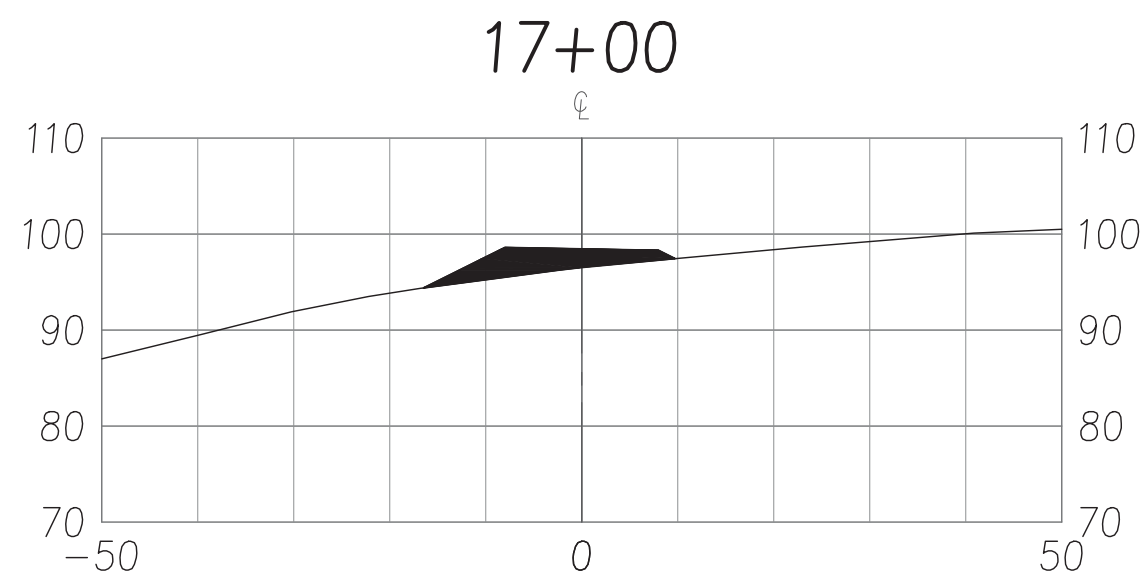
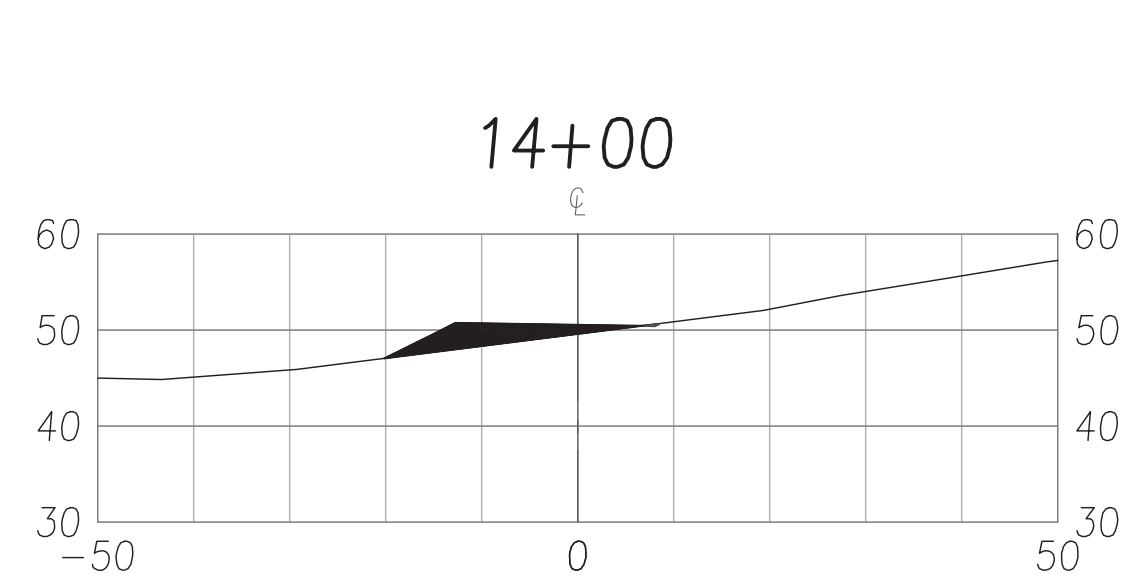
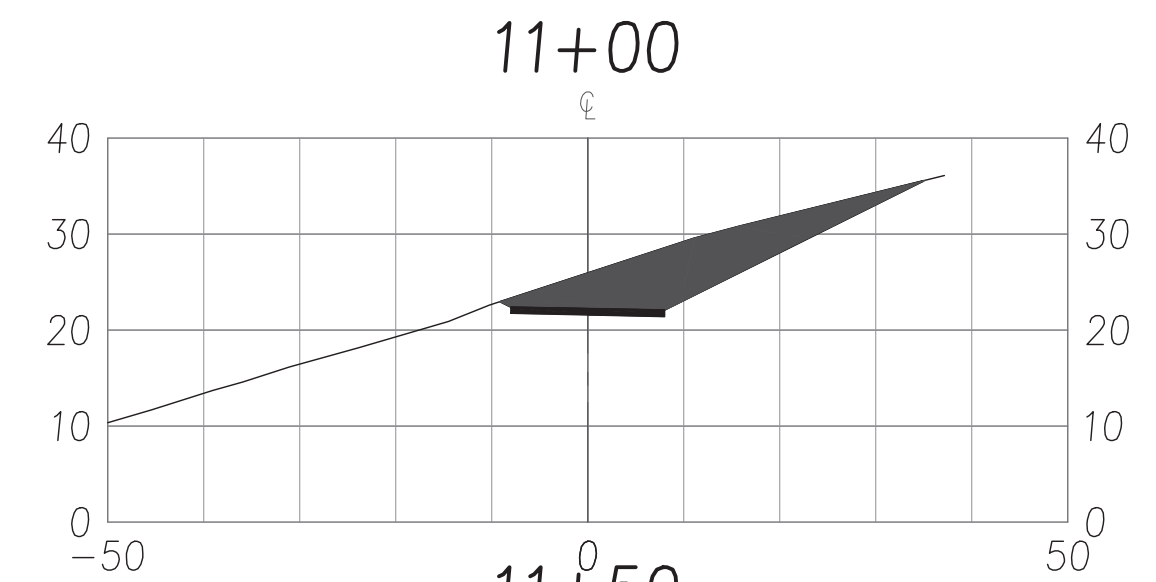
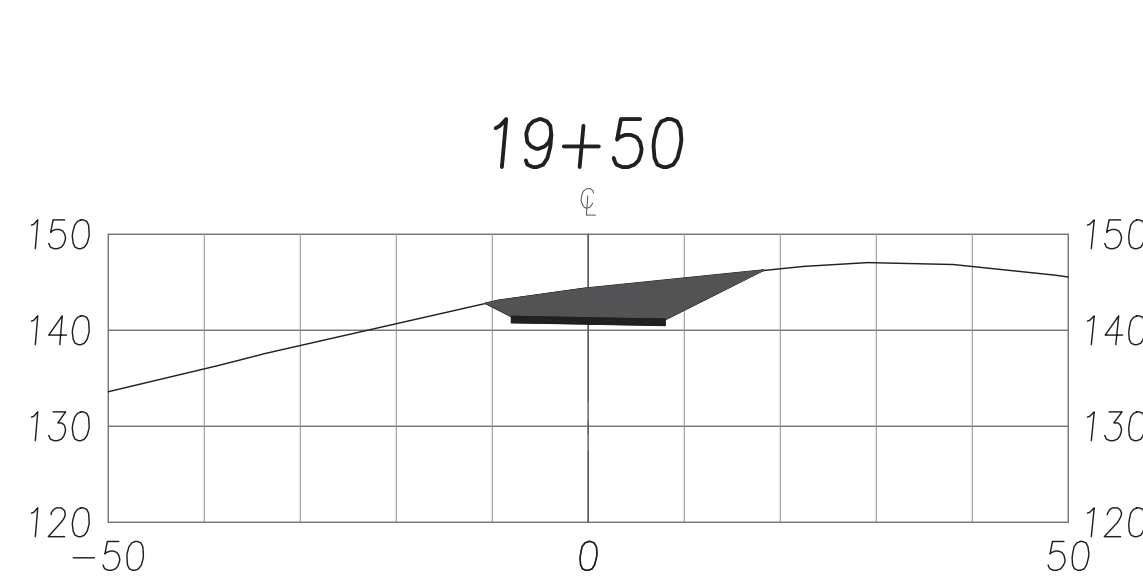
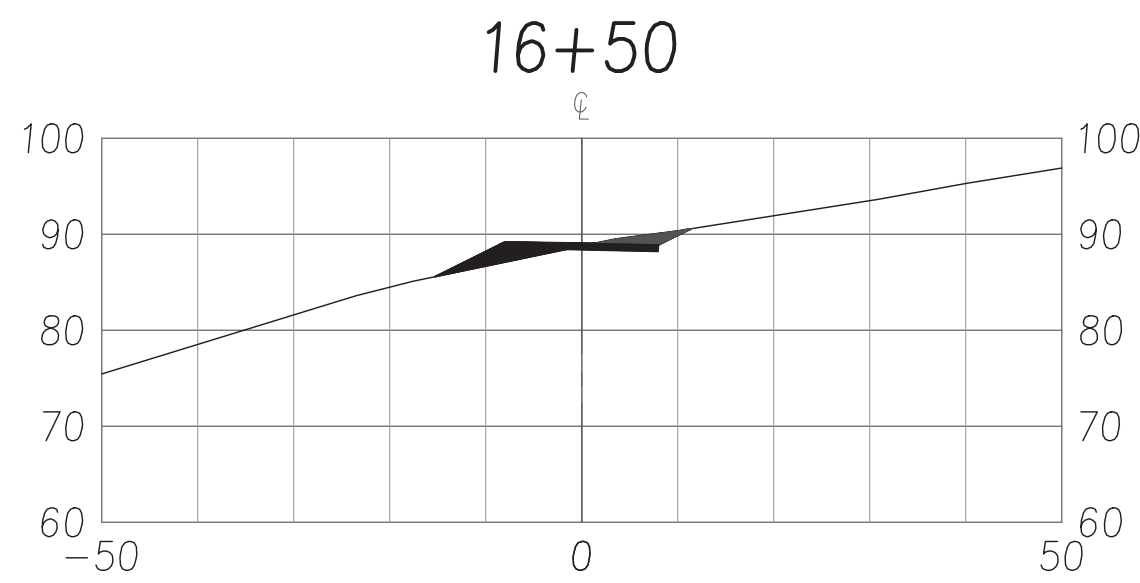
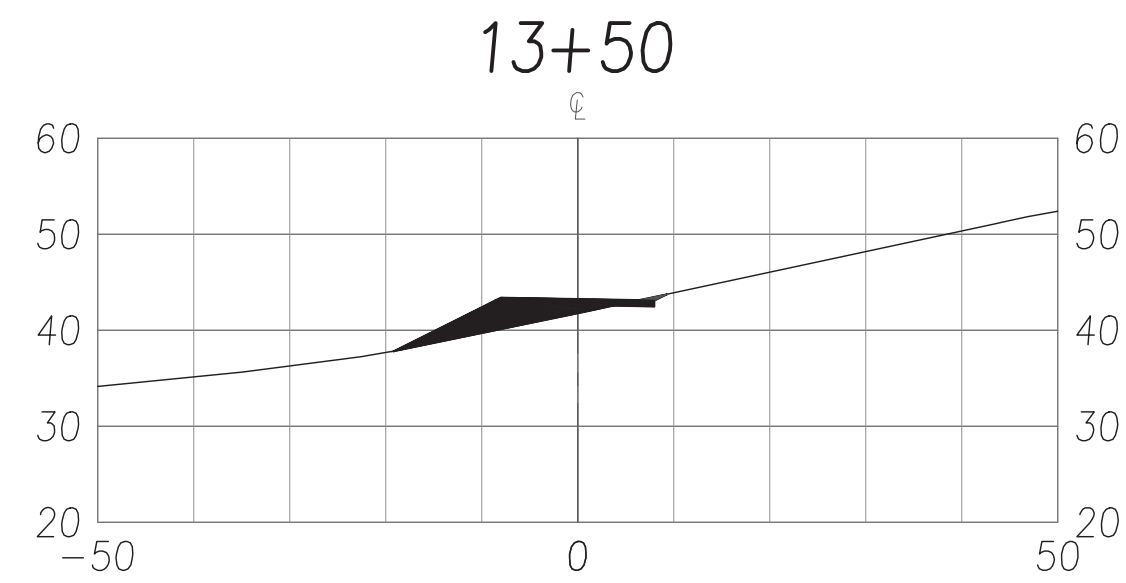
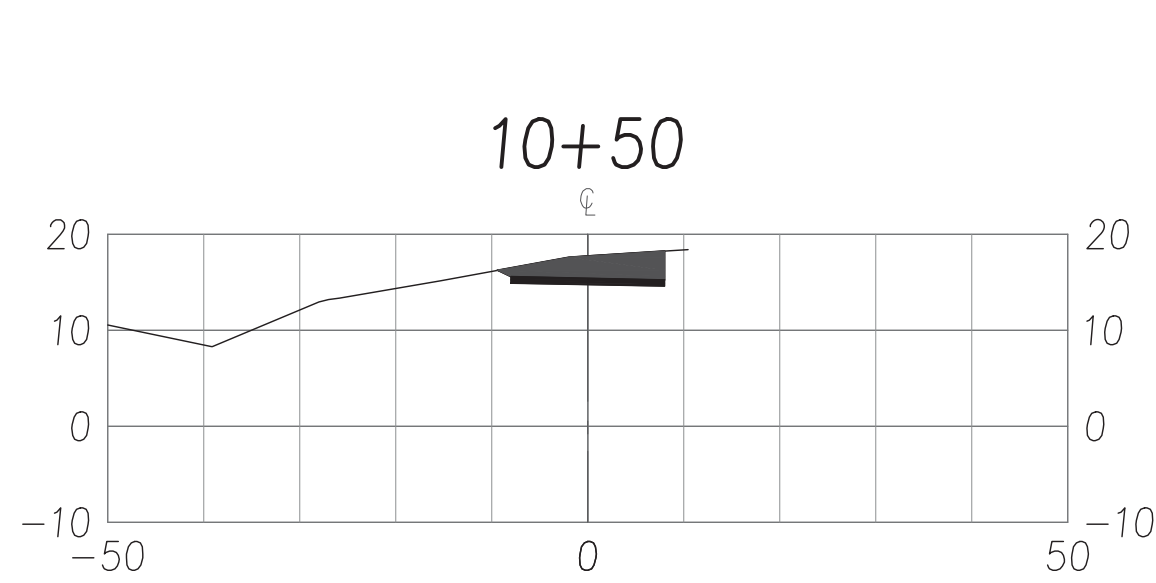


L ENGINEERING

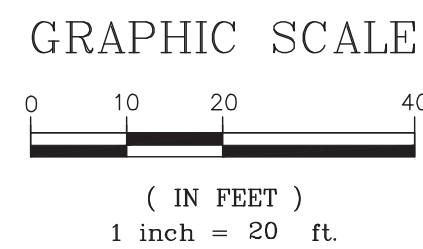
598 E Santa Clara St #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

ENGINEERING

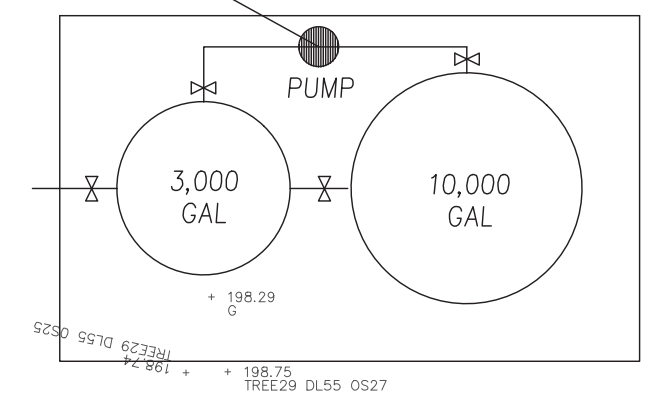
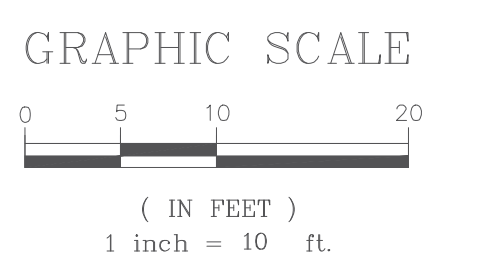
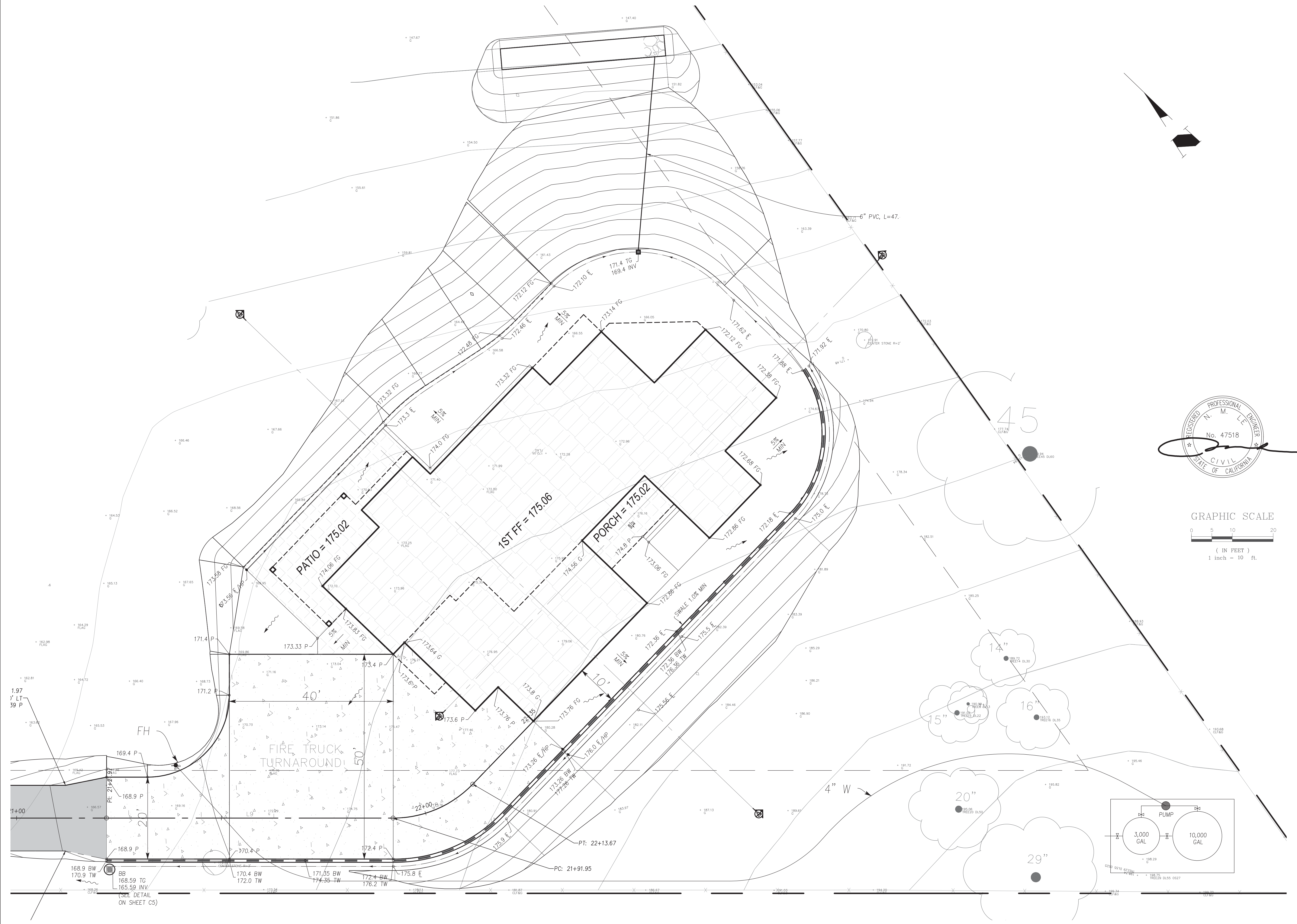
598 E Santa Clara St #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

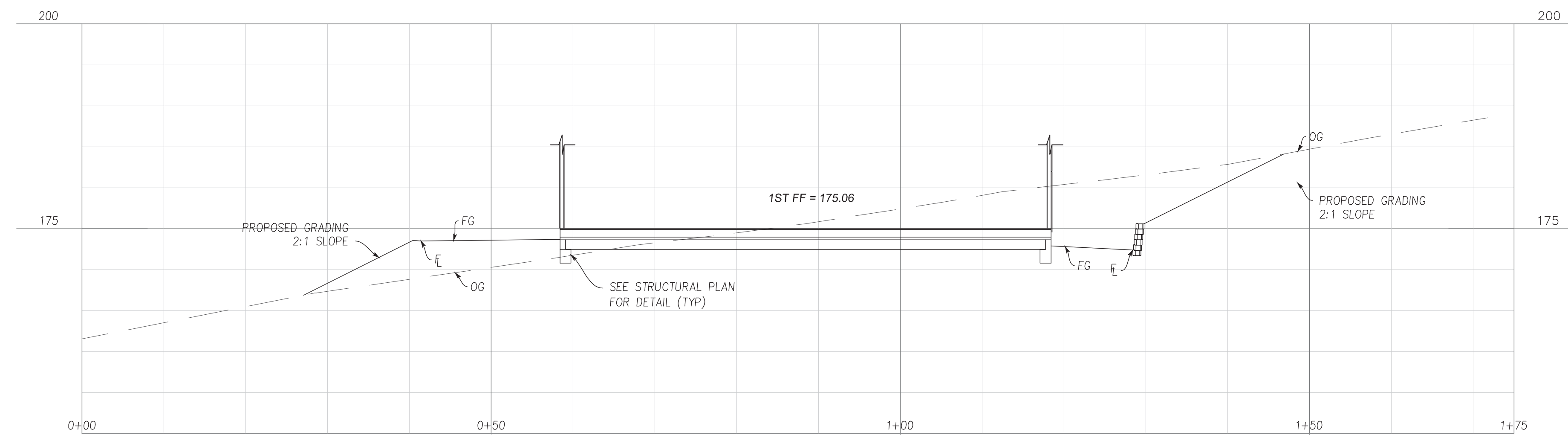


DRIVEWAY SECTIONS

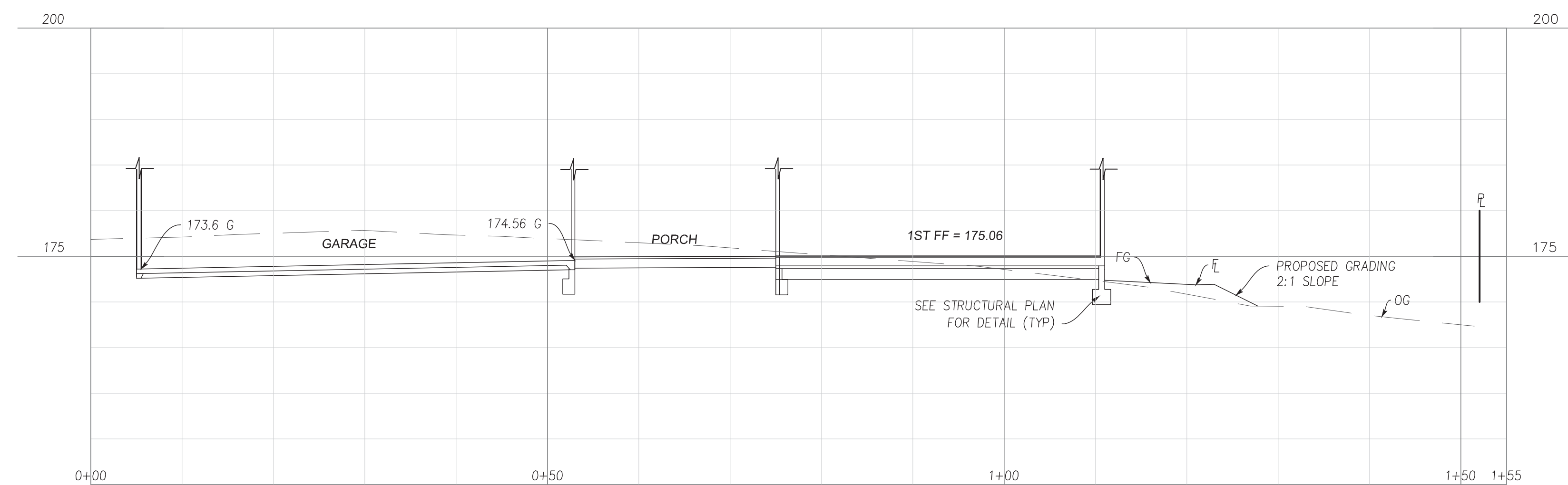


DRAWING NO.		C4		FILE NO.	
SYT NO.		4		OF 6	
PROJECT NO.		CONTRACT NO.		PROJECT NO.	
DRIVEWAY SECTIONS		LAND OF WANG		W SAN MARTIN AVE	
APN 779-47-005		San Martin		California	
598 E Santa Clara St #270		San Jose, CA 95112		Phone: (408) 806-7187	
Fax: (408) 583-4006		ENGINEERING		598 E Santa Clara St #270	
San Jose, CA 95112		Phone: (408) 806-7187		Fax: (408) 583-4006	
DESIGNED		DATE		06/18/2021	
DRAWN		DATE		06/18/2021	
SCALE		NL		06/18/2021	
CHECKED		NL		06/18/2021	
BY		DATE		06/18/2021	
APP'D		DATE		06/18/2021	
REVISIONS		DATE		06/18/2021	
NO.		NO.		NO.	





SECTION A-A



SECTION B-B

ESTIMATE EARTHWORK QUANTITY - HOUSE SITE

No.	SECTION	AREA (SQUARE FEET)		DISTANCE (FEET)	VOLUME (CUBIC YARD)	
		CUT	FILL		CUT	FILL
1	A - A*	138		154	787	
2	A - A*		93	175		603
				TOTAL	787	603

IMPORT	184	CUBIC YARD
EXPORT	0	CUBIC YARD

* Distances used for earthwork calculation for section A - A were extended to accommodate grading work at house corners/side

NC	DESIGNED	DATE
		06/18/2021
NC	DRAWN	DATE
	SCALE	
NL	CHECKED	DATE
		06/18/2021

LC ENGINEERING



508 E Santa Clara, St #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

BUILDING SECTIONS

LAND OF WANG

W SAN MARTIN AVE

APN 779-47-005

California

0.

PROJECT NO.

COPIES AVAILABLE AT THE

1

1

No.

REVISIONS

DATE	APP
------	-----

BY

DATE _____

CHECKED

1

000 (700) : 777 1

[illegible]

C6

6
FILE NO.

1

APPLICANT : WANG

ROAD NAME : W SAN MARTIN AVE

INDEX

C1	OVERALL SITE PLAN
C2	DRIVEWAY PLAN & PROFILE
C3	DRIVEWAY PROFILE & SECTIONS
C4	DRIVEWAY SECTIONS
C5	BUILDING SITE
C6	BUILDING SECTIONS
A1.0	PROJECT ANALYSIS
A2.1	FIRST FLOOR PLAN
A2.2	SECOND FLOOR PLAN
A3.0	ROOF PLAN
A4.1	ELEVATIONS
A4.2	ELEVATIONS
A5.0	BUILDING SECTIONS
A5.1	BUILDING SECTIONS

CODE REFERENCES

EDITION CITY ORD.

2019 CBC	#12-2019	California Building Code
2019 CRC	#12-2019	California Residential Code
2019 CFC	#11-2019	California Fire Code
2019 CMC	#12-2019	California Mechanical Code
2019 CPC	#12-2019	California Plumbing Code
2019 CEC	#12-2019	California Electrical Code
2019 CEC	#12-2019	California Energy Code
2019 CBGS		California Green Building Standard
WUI	#33-2007	Wildland Urban Interface Area
2019 EES		Title-24

SCOPE OF WORK

New driveway as per civil plans.
New 2 story Single Family Home.

PROJECT DESIGN CRITERIA

This is a new Modern Custom Home

The design compliments the neighborhood context of
a combination of a mixture of one & two story homes
where this home has one & two story segments.

CONSULTANTS:

OWNER:

ED & INGRID WANG

CIVIL ENGINEER:

LE ENGINEERING
598 E. SANTA CLARA ST #270
SAN JOSE, CA 95112
408-806-7187
NLE@lcengineering.net

PROJECT ANALYSIS

Lot Area: 20.1 acres 871,200 sf

CONDITIONED AREA:	
First Floor:	3,972 sf
Second Floor:	3,390 sf
Total Conditioned Area:	7,362 sf

Garage:	1,256 sf
Total Enclosed Area:	8,618 sf

Covered Porches:	1st floor: 980 sf
	2nd floor: 144 sf

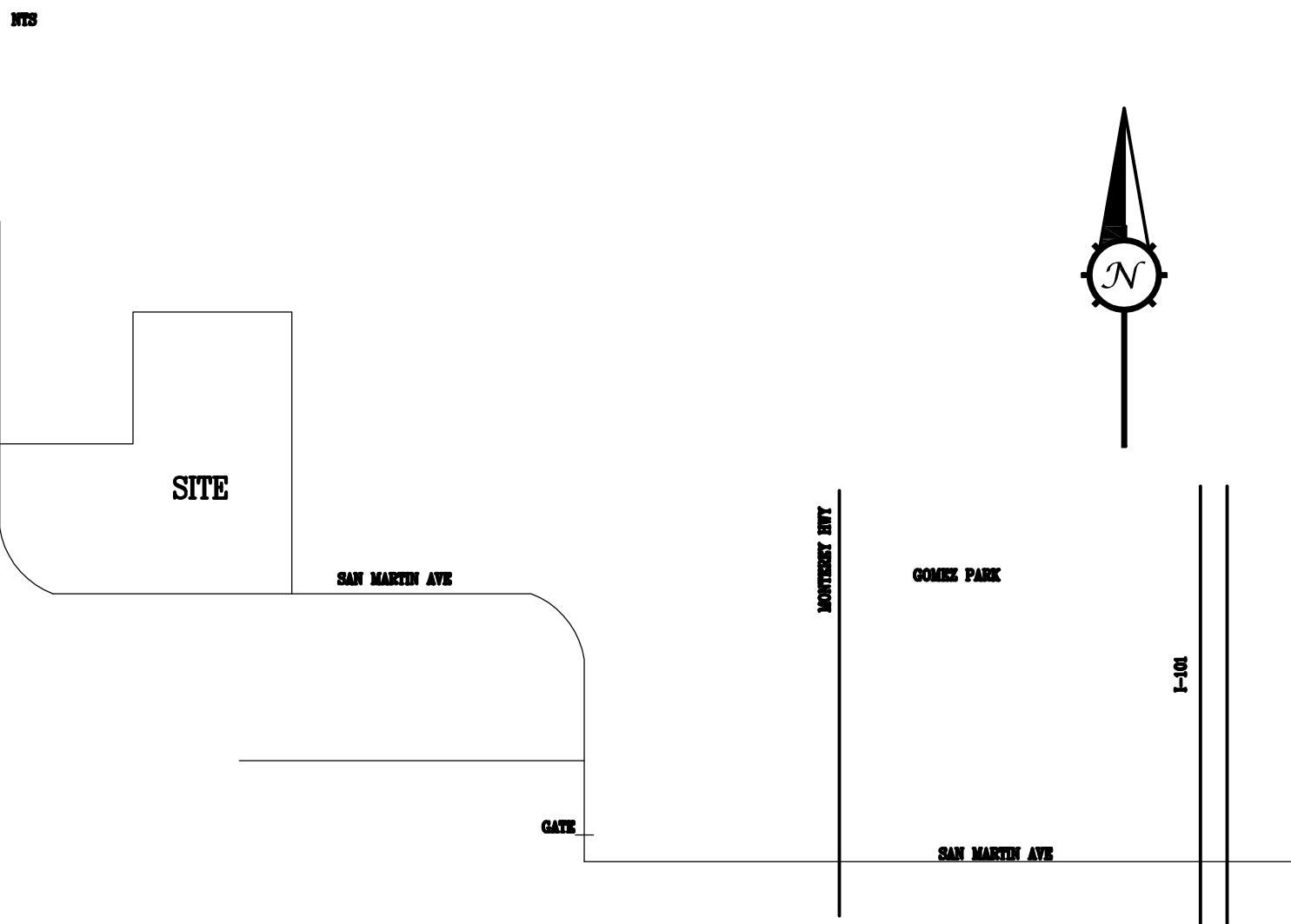
TOTAL:	9,742 sf
--------	----------

Lot Coverage:
3,972+1,256 = 5,228 / 871,200 X100 = 0.6%

FAR:
8,618 / 871,200 X100 = 0.99%

Type of Construction: V-B
Occupancy: R-3 @ House
Fire Sprinklers: 100% including garage & porches

LOCATION MAP



AREA-1

AREA-2

Analysis

FIRST FLOOR:

1.1 =	18'x6' =	108
1.2 =	74'x24' =	1,776
1.3 =	2'x6' =	12
1.4 =	48'x14' =	672
1.5 =	18'x54' =	972
1.6 =	18'x24' =	432

Total first floor = 3,972

SECOND FLOOR:

2.1 =	20'x24' =	480
2.2 =	52'x14' =	728
2.3 =	22'x10' =	220
2.4 =	18'x16' =	288
2.5 =	6'x6' =	36
2.6 =	36'x6' =	216
2.7 =	6'x6'/2 =	18
2.8 =	18'x54' =	972
2.9 =	18'x24' =	432

Total second floor = 3,390

Total Conditioned Area = 7,362 SF

GARAGE =

G.1 =	8'x24' =	192
G.2 =	8'x2' =	16
G.3 =	14'x12' =	168
G.4 =	40'x22' =	880

Total Garage = 1,256 SF

Total Enclosed = 8,618

Total Floor Area Ratio =

Fist Floor + Garage + Second Floor / ot Area =
8,621 + 1,256 + 3,390 = 8,618 / 871,200 X100 = 0.99%

ED & INGRID
WANG
RESIDENCE

W. SAN MARTIN AVE

SAN MARTIN

CALIFORNIA

PROJECT

ANALYSIS

PRELIMINARY
NOT FOR CONSTRUCTION
NOT FOR BID

APN	779-43-005
PARCEL #	21
LOT #	###
PLN #	###
BLDG #	###

SUB	DATE	SUBMITTAL
1.	7/26/2021	PLN-1
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

REV	DATE	REVISION
1.	###/###/###	XXX
2.		
3.		
4.		
5.		

CONTRACT DATE	3/8/2021
ISSUE DATE	7/26/2021
SCALE	1/8" = 1'
DESIGN	AM
JOB #	2021-662
SHEET	

A1.0

ED & INGRID
WANG
RESIDENCE

W. SAN MARTIN AVE
SAN MARTIN
CALIFORNIA

FIRST
FLOOR PLAN

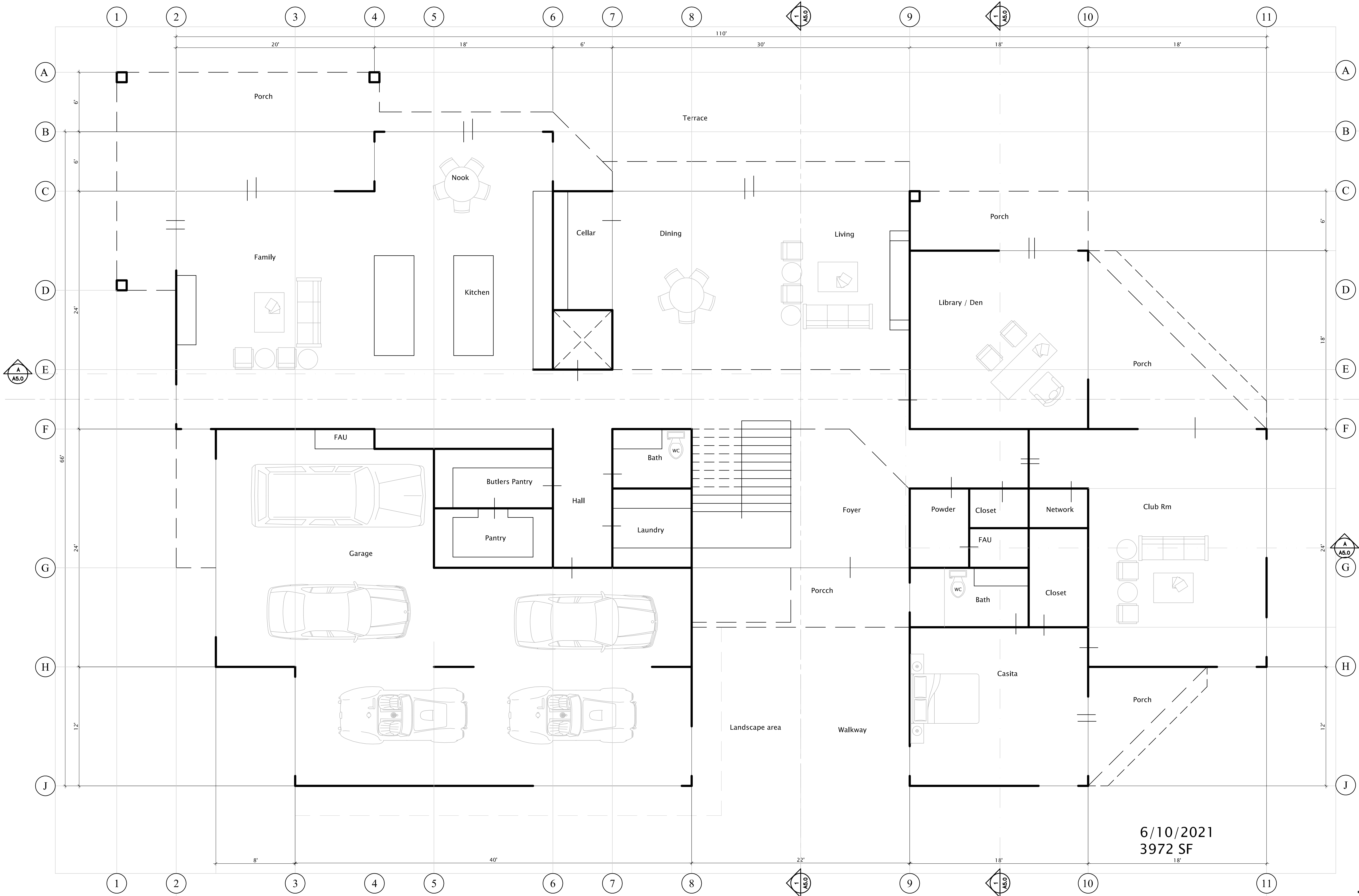
PRELIMINARY
NOT FOR CONSTRUCTION
NOT FOR BID

APN 779-43-005
PARCEL # 21
LOT # ###
PLN # ###
BLDG # ###

SUB	DATE	SUBMITTAL
1.	7/26/2021	PLN-1
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

REV	DATE	REVISION
1.	###/###/###	XXX
2.		
3.		
4.		
5.		

CONTRACT DATE 3/8/2021
ISSUE DATE 7/26/2021
SCALE 1/4" = 1'
DRAWN AM
JOB # 2021-662
SHEET



ED & INGRID
WANG
RESIDENCE

W. SAN MARTIN AVE
SAN MARTIN
CALIFORNIA

SECOND
FLOOR PLAN

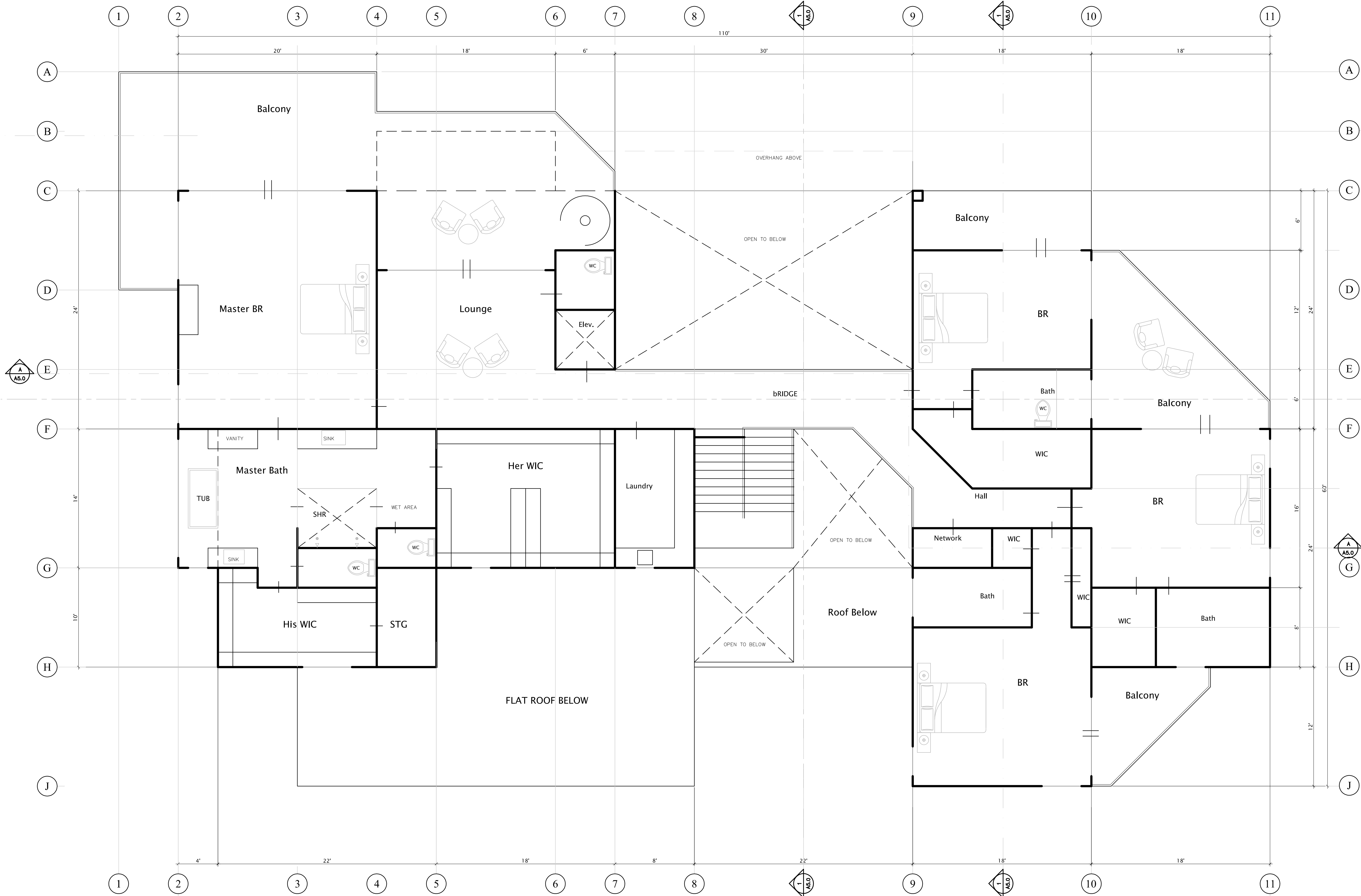
PRELIMINARY
NOT FOR CONSTRUCTION
NOT FOR BID

APN 779-43-005
PARCEL # 21
LOT # ###
PLN # ###
BLDG # ###

SUB	DATE	SUBMITTAL
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3.		
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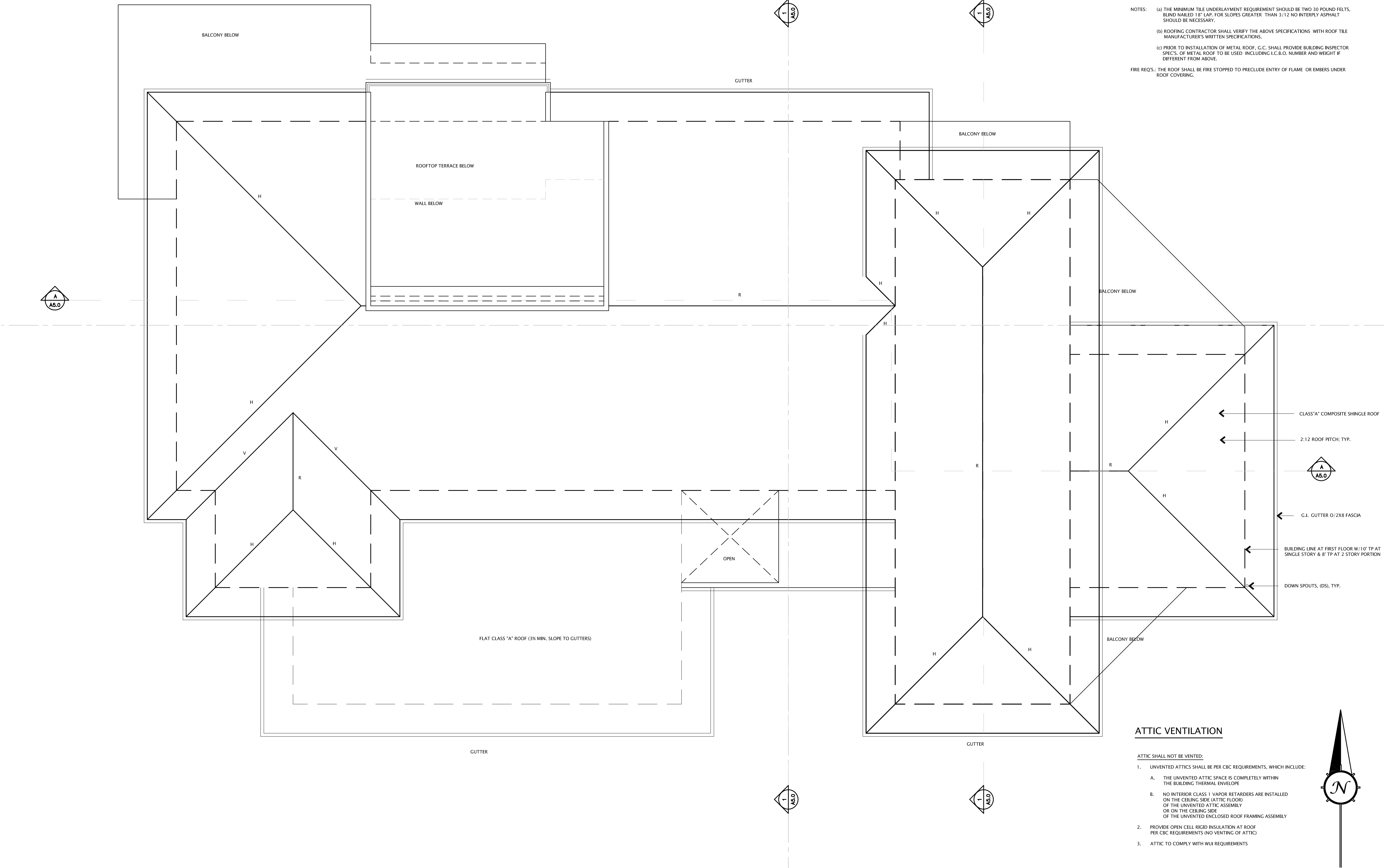
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1.	##/##/####	XXX
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CONTRACT DATE 3/8/2021
ISSUE DATE 7/26/2021
SCALE 1/4" = 1'
DRAWN AM
JOB # 2021-662
SHEET



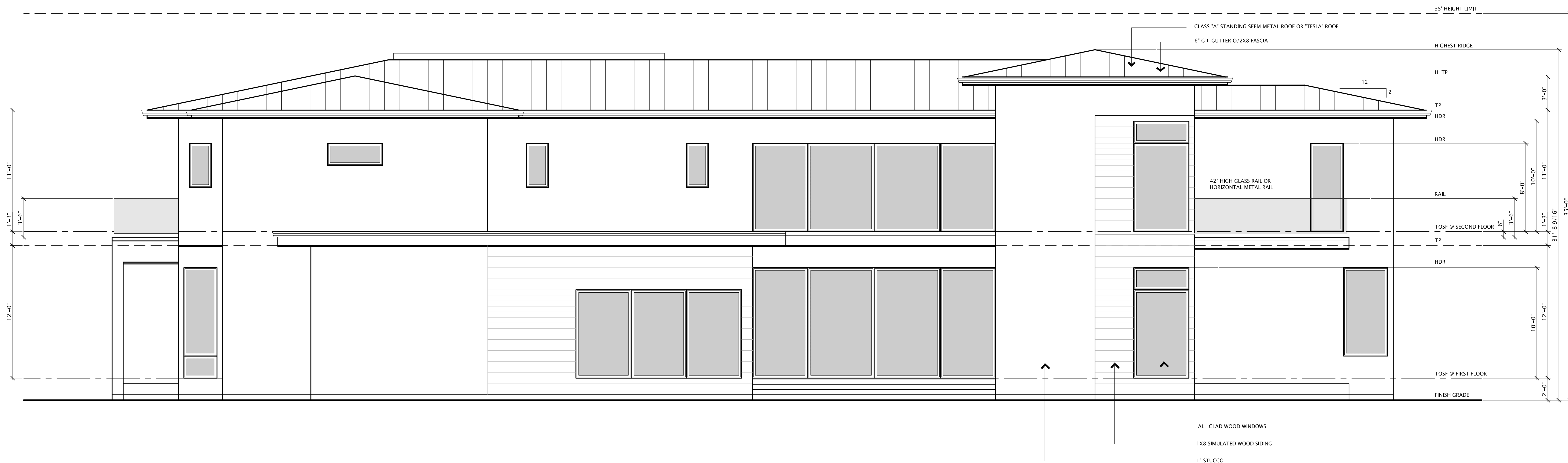
ROOF SPECIFICATIONS

SPECIFICATION: CLASS "A" STANDING SEEM METAL ROOF or "TESLA" ROOF
COLOR: AS SELECTED BY OWNER
UNDERLAYMENT: 2 LAYERS OF 30 lb. FELT OR BETTER.
APPLICATION: PER MANUFACTURERS WRITTEN SPECIFICATIONS
NOTES: (a) THE MINIMUM TILE UNDERLAYMENT REQUIREMENT SHOULD BE TWO 30 POUND FELTS, BLIND NAILED 18" LAP, FOR SLOPES GREATER THAN 3/12 NO INTERPLY ASPHALT SHOULD BE NECESSARY.
(b) ROOFING CONTRACTOR SHALL VERIFY THE ABOVE SPECIFICATIONS WITH ROOF TILE MANUFACTURER'S WRITTEN SPECIFICATIONS.
(c) PRIOR TO INSTALLATION OF METAL ROOF, G.C. SHALL PROVIDE BUILDING INSPECTOR SPECS. OF METAL ROOF TO BE USED INCLUDING I.C.E.O. NUMBER AND WEIGHT IF DIFFERENT FROM ABOVE.
FIRE REQ'S: THE ROOF SHALL BE FIRE STOPPED TO PRECLUDE ENTRY OF FLAME OR EMBERS UNDER ROOF COVERING.



ATTIC VENTILATION

- ATTIC SHALL NOT BE VENTED:
- UNVENTED ATTICS SHALL BE PER CBC REQUIREMENTS, WHICH INCLUDE:
 - THE UNVENTED ATTIC SPACE IS COMPLETELY WITHIN THE BUILDING THERMAL ENVELOPE
 - NO INTERIOR CLASS 1 VAPOR RETARDERS ARE INSTALLED ON THE CEILING SIDE (ATTIC FLOOR) OF THE UNVENTED ATTIC ASSEMBLY OR ON THE CEILING SIDE OF THE UNVENTED ENCLOSED ROOF FRAMING ASSEMBLY
 - PROVIDE OPEN CELL RIGID INSULATION AT ROOF PER CBC REQUIREMENTS (NO VENTING OF ATTIC)
 - ATTIC TO COMPLY WITH WUI REQUIREMENTS

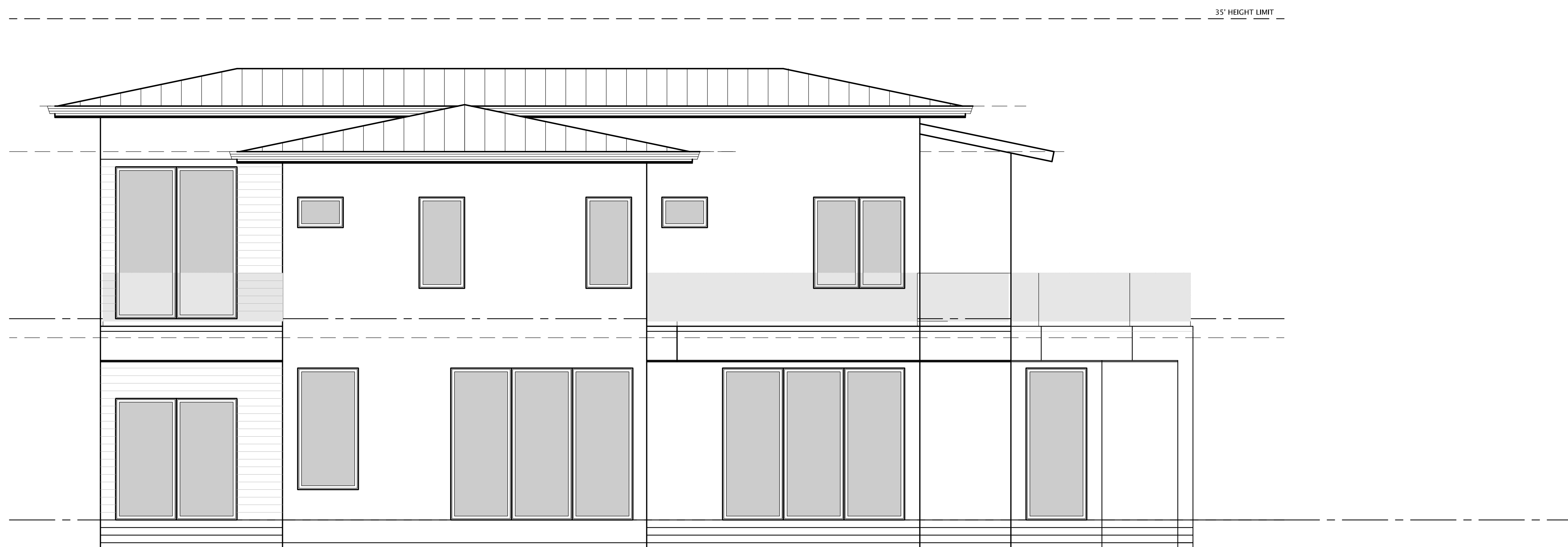


FRONT ELEVATION

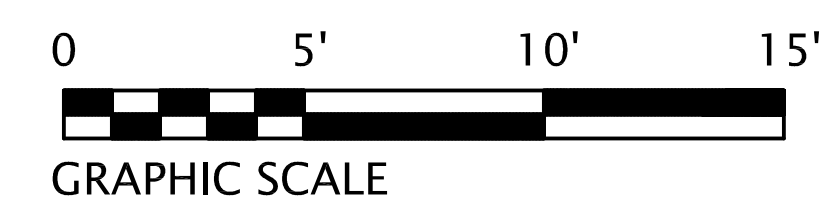
EXTERIOR FINISH SCHEDULE

- | | |
|---------------------|--|
| 1. ROOF MATERIAL: | CLASS "A" STANDING SEEM METAL ROOF OR TESLA RAOF COLOR CHARCOAL OR BLACK.
C.G. TO PROVIDE OWNER WITH SAMPLE FOR REVIEW AND APPROVAL.
SEE ROOF PLAN FOR SPECS. |
| 2. ROOF PITCH: | 2:12, 12:12. |
| 3. FASCIA: | 2X WESTERN RED CEDAR FASCIA; SEE EAVE DETAIL TYP.
COLOR: SEMI TRANSPARENT STAIN. |
| 4. GUTTERS: | 26 GAUGE C.S.M. GUTTERS TYP.
C.G. SHALL PROVIDE SAMPLE TO OWNER FOR APPROVAL.
COLOR: TO MATCH FASCIA |
| 5. DOWNSPOUTS: | 26 GAUGE C.S.M. DOWNSPOUTS; PRIME & PAINT TO MATCH ADJACENT COLOR |
| 6. FLASHING: | 26 GAUGE FLASHING & COUNTER FLASH ALL PENETRATION @ ROOF 4" MIN. LAP, 4" @ MIN. SIDE LAP.
PAINT TO MATCH ADJACENT FLASHING. WHEN EXPPOSED WITH - 1ST COAT #1172 KELG GRAY GALVANIZED ROOF PRIMER; 2ND COAT #1240 ACRY SEAL ACRYLIC FLAT FINISH. |
| 7. CEMENT PLASTER: | 3 COATS, 1" CEMENT PLASTER @ PAPER BACKED WIRE MESH @ 10" O.C. TOTAL 2" LAYERS 2" PAPER @ 10" FULL WEED, SHEATHING, SEE STRUCT. DWGS.;
CEMENT PLASTER SHALL HAVE A SMOOTH FINISH.
BUILDING BASE COLOR: ARROW QUARRY KM4516-2 BY KELLY MOORE; LRV 44 |
| 8. WOOD SIDING: | WESTERN RED CEDAR
COLOR: SEMI TRANSPARENT STAIN |
| 9. SOFFITS & EAVES: | CEMENT PLASTER, MATCH BUILDING BASE COLOR. |
| 10. WINDOWS: | AS SELECTED BY OWNER
COLOR: BLACK FRAME |
| 11. EXTERIOR RAIL: | TEMPERED GLASS RAIL 3/4" PER EVALUATIONS, OR HORIZONTAL WROUGHT IRON RAIL.
RAIL CONTRACTOR SHALL PROVIDE OWNER W/ DESIGN SHOP DRAWINGS FOR REVIEW & APPROVAL PRIOR TO MANUFACTURING. VERTICAL FASTENINGS SHALL BE 4" O.C. MAX. SEE EXTERIOR RAIL DETAIL. DETAIL NO SHEET 47.2
RAIL MEMBERS SHALL BE SPACED WHERE 4" DIAMETER SPHERE CANNOT PASS BETWEEN MEMBERS AT ANY POINT.
METAL RAIL COLOR: SILVER. |

NOTE: PAINTING CONTRACTOR SHALL APPLY A SAMPLE OF THE COLORS AS SELECTED ON A 3'X3' WALL AREA, OR AS APPROPRIATE, FOR OWNER'S OR DESIGNER'S APPROVAL.



RIGHT ELEVATION



APN	779-43-005
PARCEL #	Z
LIT #	###
ELN #	###
ELDG #	###

SUB	DATE	SUBMITTAL
1	7/26/2021	PLN
2		
3		
4		
5		
6		
7		
8		
9		
10		

REV	DATE	REVISION
1	##/##/####	XXX
2		
3		
4		
5		

CONTRACT DATE	3/8/2021
ISSUE DATE	7/26/2021
SCALE	1/4" = 1'
DRAWN	AM
JOB #	2021-662
SHEET	

ED & INGRID
WANG
RESIDENCE

W. SAN MARTIN AVE
SAN MARTIN
CALIFORNIA

ELEVATIONS

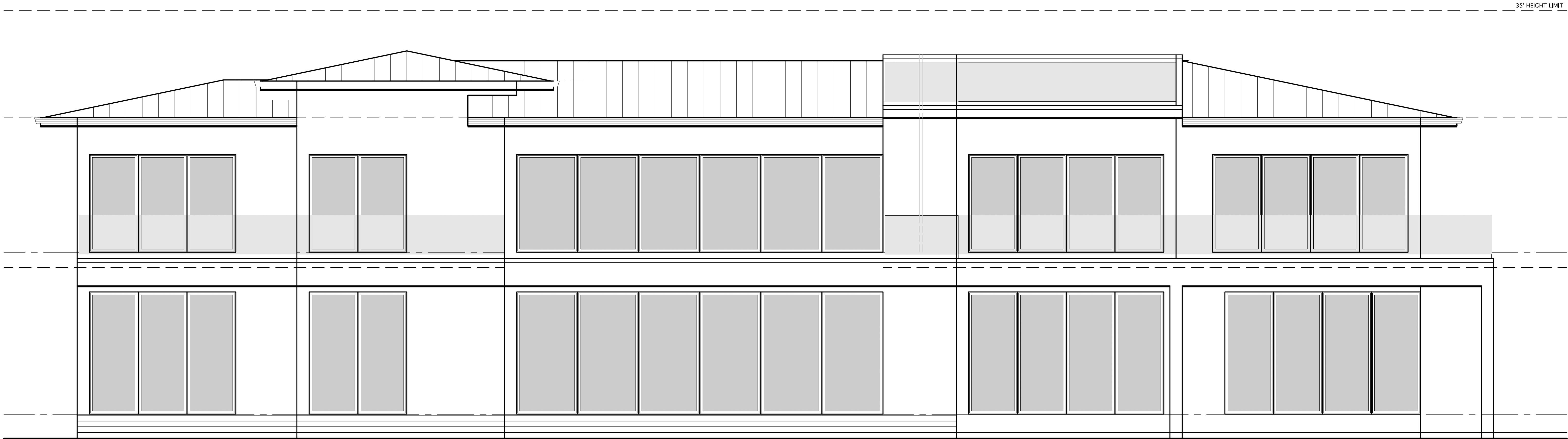
PRELIMINARY
NOT FOR CONSTRUCTION
NOT FOR BID

PERN 779-43-008
PARCEL # 21
LOT # 11A
EIN # 11A
BLDG # 11A

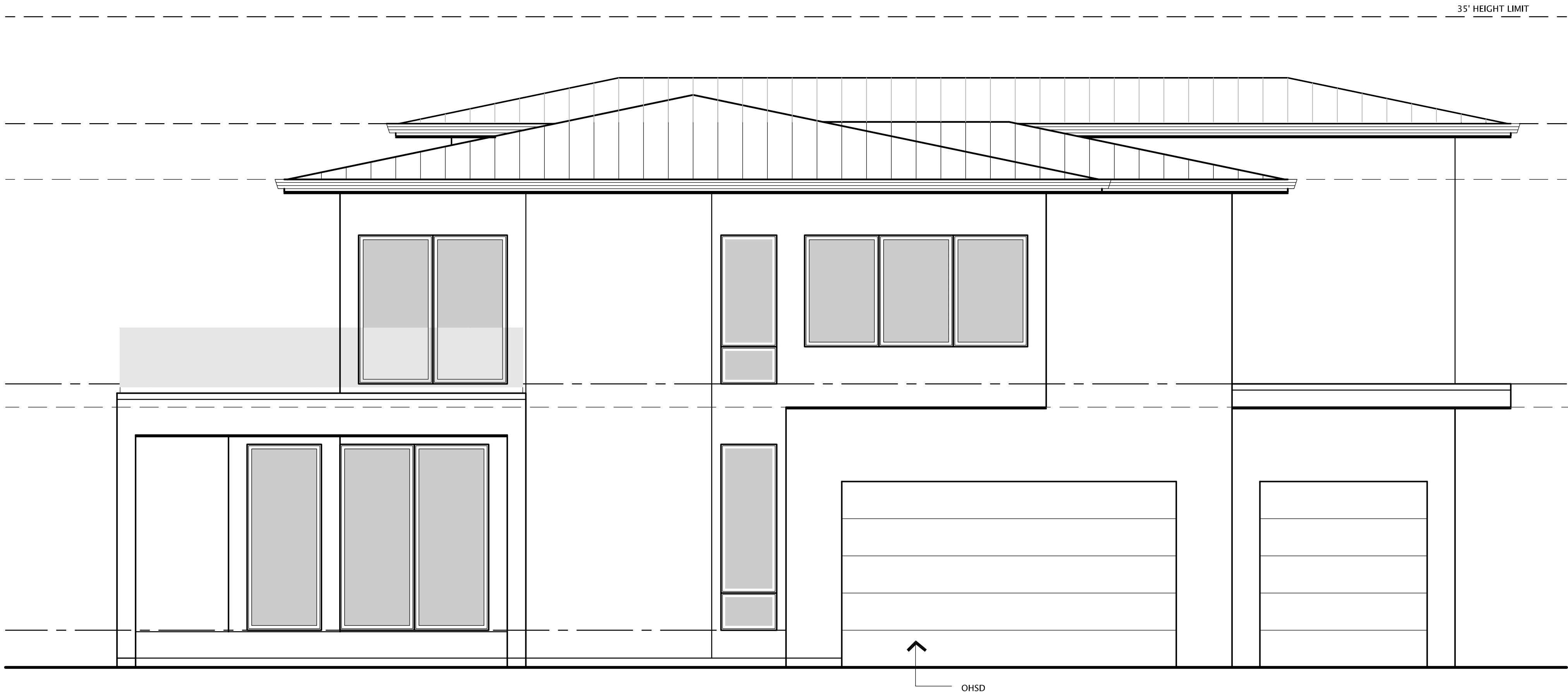
SUB	DATE	SUBMITTAL
1	7/26/2021	PLAN
2		
3		
4		
5		
6		
7		
8		
9		
10		

REV	DATE	REVISION
1	7/26/2021	X/C
2		
3		
4		
5		
6		

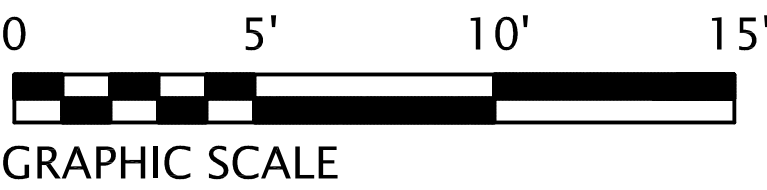
CONTRACT DATE 3/8/2021
ISSUE DATE 7/26/2021
SCALE 1/4" = 1'
DRAWN A11
JOB # 2021-610
SHEET

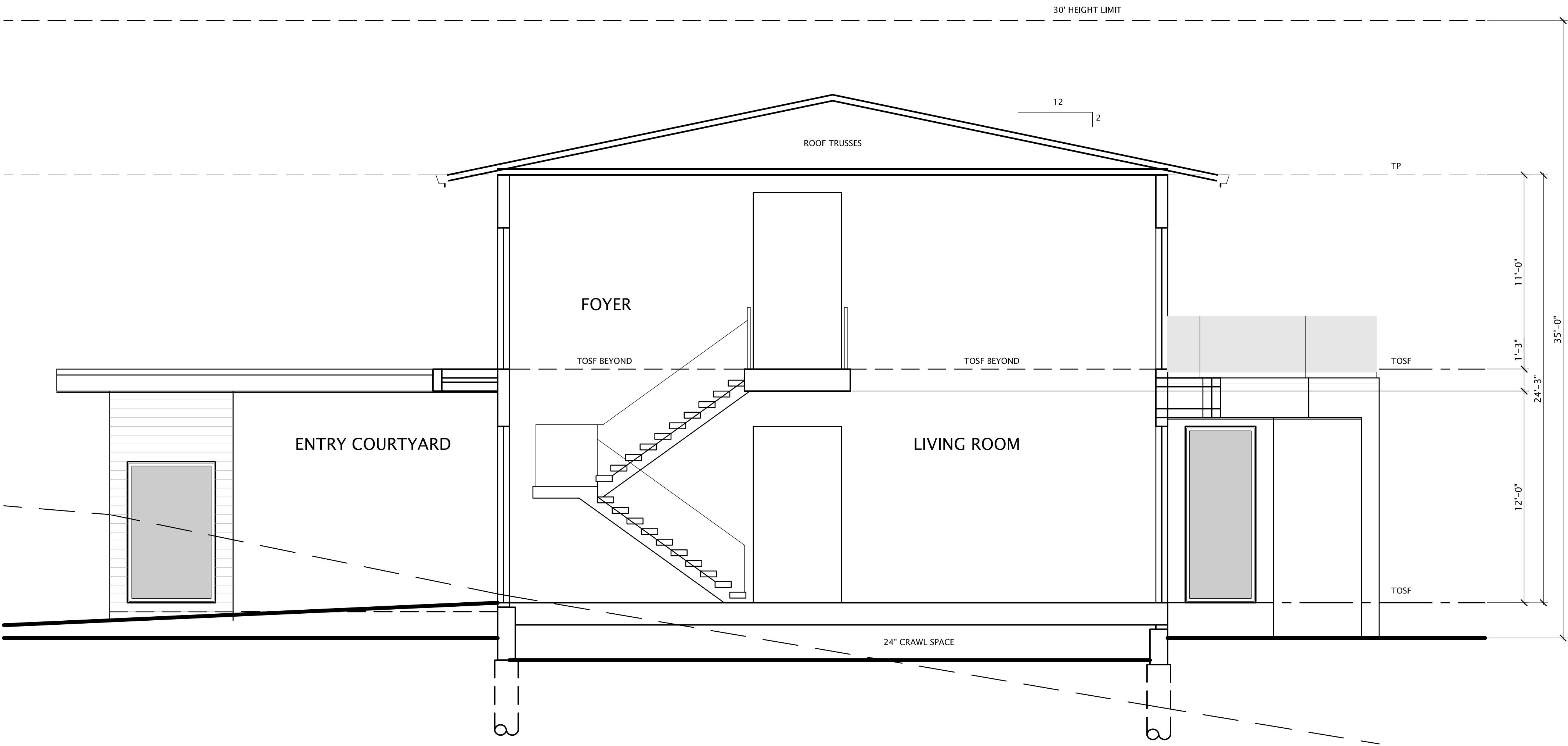


REAR ELEVATION



LEFT ELEVATION





SECTION - 1

ANTOINE MEO

Custom Residential Design

M

11925 MAIN ST, UNIT 611
Sunol, CA 94506
925-963-8632
tonymeo@gmail.com

Antoine MEO

ED & INGRID
WANG
RESIDENCE

W. SAN MARTIN AVE
SAN MARTIN
CALIFORNIA

SECTIONS

PRELIMINARY NOT FOR CONSTRUCTION NOT FOR BID	
PERM	779-43-008
PARCEL #	21
LOT #	111
PERM #	111
BLDG #	111

SUB	DATE	SUBMITTAL
1	7/15/2021	PLAN
2		
3		
4		
5		
6		
7		
8		
9		
10		

REV	DATE	REVISION
1	7/15/2021	100%
2		
3		
4		
5		

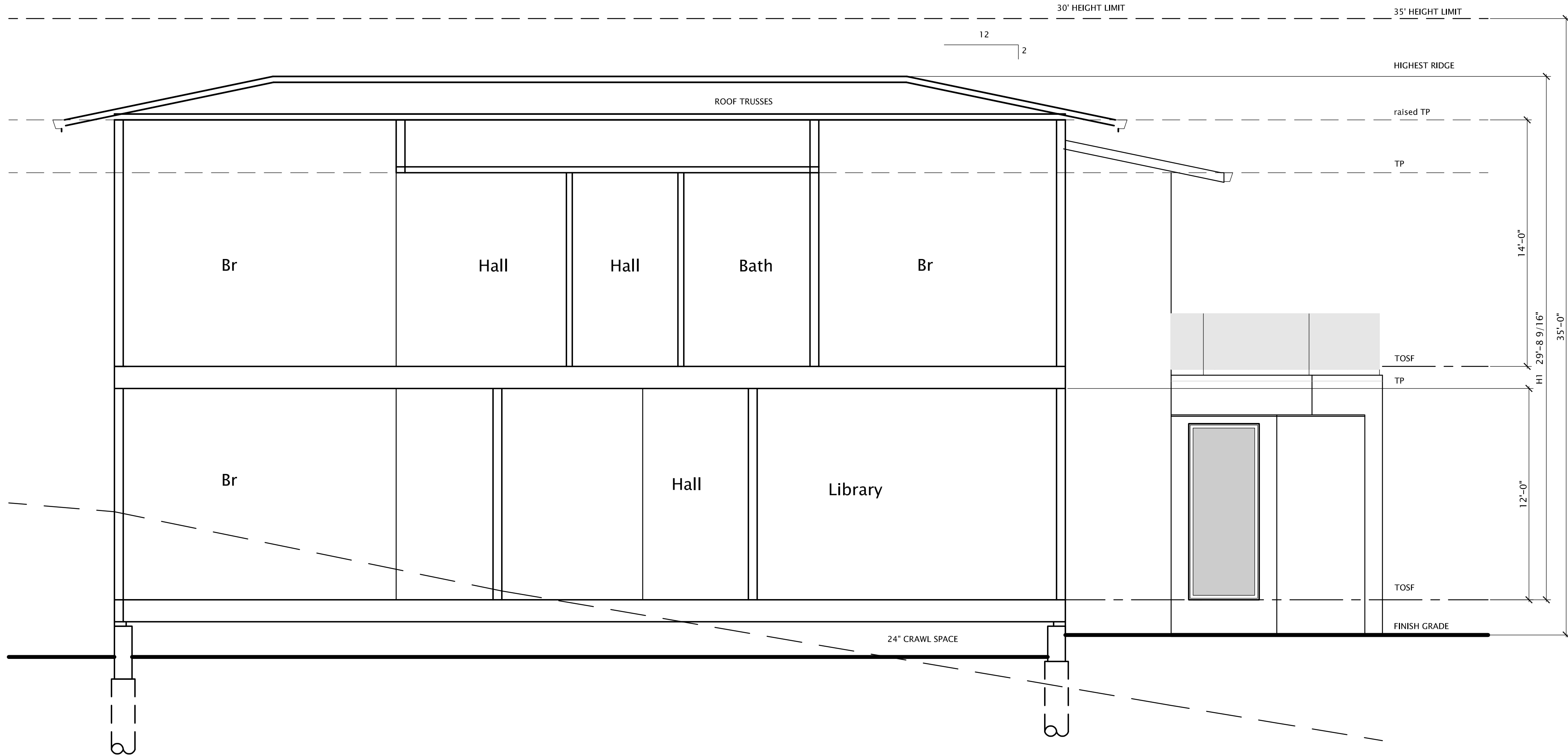
CONTRACT DATE	3/8/2021
ISSUE DATE	7/19/2021
SCALE	1/4" = 1'
DRAWN	AM
CHKD	2021-6-15
DATE	

PRELIMINARY NOT FOR CONSTRUCTION NOT FOR BID	
PERM	779-43-000
PERMEL #	21
LOT #	##
PER #	##
BLDG #	##

SUB	DATE	SUBMITTAL
	12/15/2021	PLN

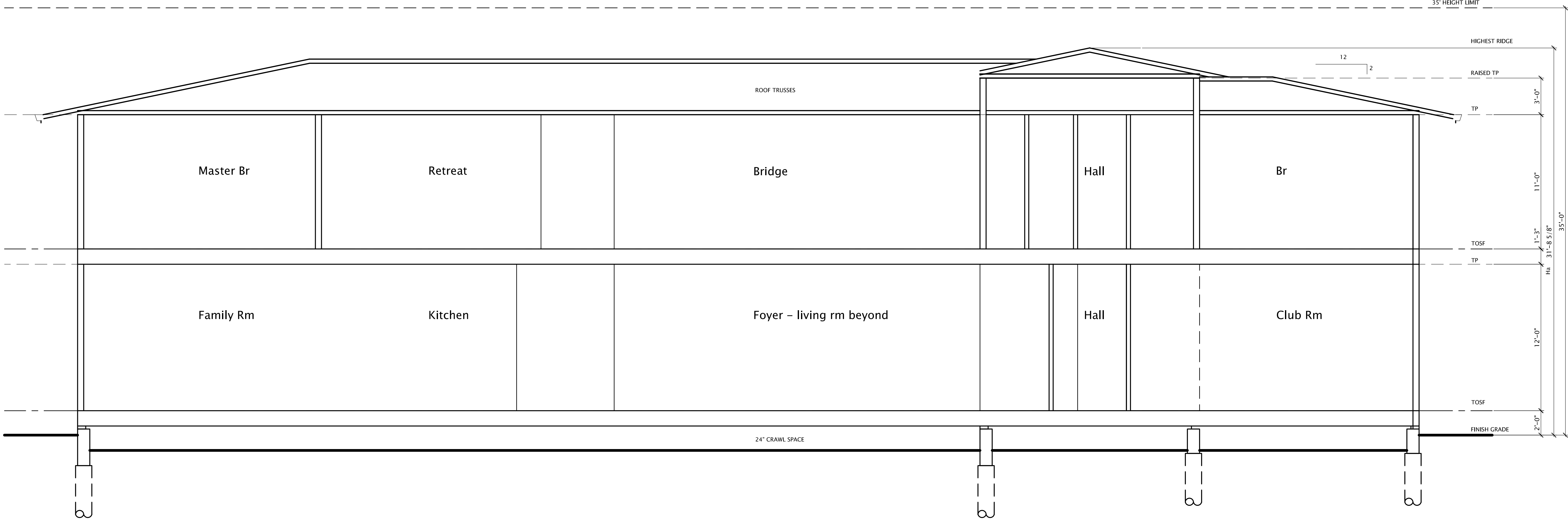
REV	DATE	REVISION
	##/##/####	X

CONTRACT DATE	3/8/2021
ISSUE DATE	7/19/2021
SCALE	1/4" = 1'
DRAWN	AM
CHECKED	2021-6-6
DATE	



SECTION - 2

$$H = (H_1 + H_2) / 2$$
$$H = 29'-9" + 29'-9" / 2$$
$$H = 29'-9"$$



SECTION - A