

AB AGGREGATE BASE
AC ASPHALT CONCRETE
BB BUBBLER BOX
BK BOOK
BLDG BUILDING
BSL BUILDING SETBACK LINE
CED COBBLE ROCK ENERGY DISSIPATOR
CG CURB & GUTTER
CL CENTERLINE
CSD CONCRETE STANDARD DETAIL
CSD CONCRETE STANDARD DETAIL
DS DOWNSPOUT
DWH DRIVEWAY
EA EASEMENT
ELEV ELEVATION
EM ELECTRIC METER
E(OH) ELECTRIC OVERHEAD
E(UG) ELECTRIC UNDERGROUND
EP EDGE OF PAVEMENT
EX EXISTING
FD FOUND
FF FINISH ELEVATION OF SUBFLOOR

FG GROUND FINISH GRADE
FH FIRE HYDRANT
FL FLOW LINE
G GARAGE SLAB ELEVATION
GM GAS METER
HP HIGHT POINT
INV INVERT
LS LANDSCAPED AREA
LT LEFT
MAX MAXIMUM
MH MANHOLE
OG ORIGINAL GROUND
P PAVEMENT FINISH GRADE
PAD PAD ELEVATION
PAGE PAGE
P PROPERTY LINE
PP POWER POLE PROP. PROPOSED
PSE PUBLIC SERVICE EASEMENT
PVMT PAVEMENT

PVC POLYVINYL CHLORIDE
R RADIUS
RT RIGHT
R/W RIGHT OF WAY
SCSD SANTA CLARA COUNTY
SD STANDARD DETAIL
STA SANTA CLARA VALLEY
STATION
SW WATER DISTRICT
SS SANITARY SEWER/LATERAL
STA STATION
TYP TYPICAL
W WATER
WLK WALKWAY
WM WATER METER
WV WATER VALVE

BENCHMARK
BOUNDARY

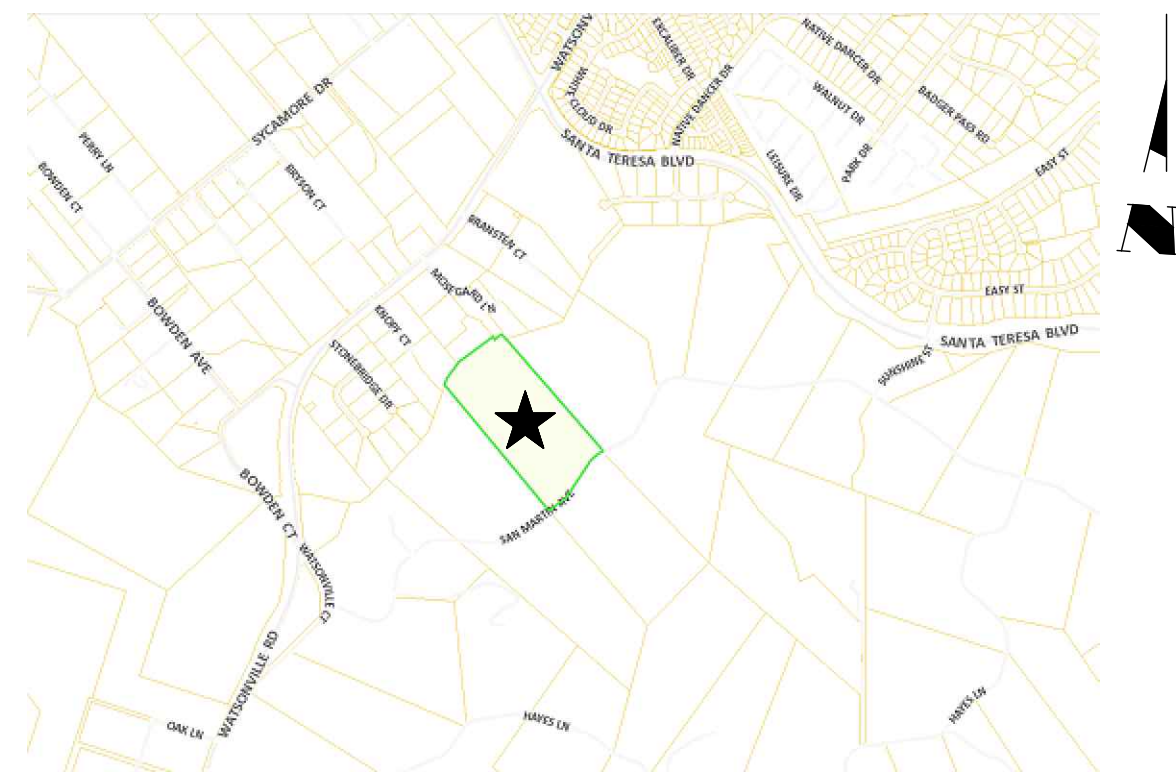
COBBLE ROCK
ENERGY DISSIPATOR
CONCRETE
CONTOUR: EXISTING
CONTOUR: PROPOSED
OR NEW
DESIGN GRADE
DOWNSPOUT WITH
SPLASHBLOCK
DIVERSION VALVE
BACKWATER VALVE
(SEE PROJECT NOTES)
DRAINAGE SWALE
EASEMENT LINE
EXISTING ELEVATION
OR (101.70)
EXISTING FENCE
EXISTING TREE TO
BE REMOVED

EXISTING TREE
TO REMAIN
FOUND IRON PIPE
AT PROPERTY CORNER
FILTER FABRIC ROLLS
GAS METER
FIRE HYDRANT
INLET
JOINT POLE
LIGHTING
LIGHTING POLE
MONUMENT WELL
OVERLAND FLOW
DIRECTION
PGE BOX
PROJECT SITE
RIGHT OF WAY

SANITARY SEWER
CLEAN OUT MANHOLE
SANITARY SEWER MANHOLE
STORM DRAIN MANHOLE
UTILITY: EXISTING
UTILITY: PROPOSED
WATER METER
WATER VALVE
WELL
TREE PROTECTION FENCE
ABANDON UTILITY LINE

PROJECT DATA

- APN: 779-47-007
- SITE ADDRESS: W SAN MARTIN AVENUE, SAN MARTIN, CA 95046
- LOT SIZE: 885,724 SQ. FT. / 20.3 ACRES
- ZONING: HS-D1 (100%)
- FIRE PROTECTION DISTRICT: SOUTH SANTA CLARA COUNTY
FIRE PROTECTION DISTRICT
- GEOHAZARD: COUNTY LANDSLIDE HAZARD ZONE
- GEOHAZARD: COUNTY LIQUEFACTION HAZARD ZONE
- HISTORIC PARCEL: NO
- FEMA FLOOD ZONE: D (93.5%), AE (5.8%)
- WATERSHED: CENTRAL COAST
- RAIN ISOHYET: 23 INCHES
- IMPERVIOUS AREA:
A. BUILDING: 4,993 SF
B. GARAGE: 1,320 SF
C. ADU: 1,610 SF
D. AC DWY: 16,174 SF
E. CONC DWY: 3,141 SF
F. PATIO: 1,252 SF
G. POOL: 1,680 SF
H. WLK: 3,499 SF
I. TANK PAD: 835 SF
TOTAL: 33,985 SF



VICINITY MAP
NTS

BASIS OF BEARINGS

THE BEARINGS SHOWN ON THIS MAP ARE BASED ON THE CENTERLINE OF W SAN MARTIN AVE AS FOUND MONUMENTED AS N31°00'00"E SHOWN ON PARCEL MAP, RECORDED IN BOOK 510 OF MAPS, AT PAGE 54, SANTA CLARA COUNTY RECORDS.

PARCEL 22
APN 779-47-006

DISTURBED AREAS

NO.	DESCRIPTION	AREA (SQUARE FEET)
1.	TEMPORARY	45,051
2.	PERMANENT	34,985
	TOTAL AREA	80,036

NOTES

- THICKNESS OF DRIVEWAY WILL BE DETERMINED BY GEOTECHNICAL ENGINEER.
- DRIVEWAY WILL BE MADE OF AN "ALL WEATHER" MATERIAL CAPABLE OF HOLDING 75,000 POUNDS

ON-SITE EARTHWORK QUANTITY

IMPROVEMENT	EARTHWORK QUANTITY (CUBIC YARD)		MAXIMUM DEPTH (FEET)	
	CUT	FILL	CUT	FILL
RESIDENCE	354	-	2	-
ACCESSORY STRUCTURE	-	569	-	-
POOL/HARDSCAPE	44	338	2	7
DRIVEWAY & WALKWAY	1,202	1,632	5	5
LANDSCAPE & DETENTION	-	-	-	-
WATER TANK CONC PAD	30	30	-	-
TOTAL	1,630	2,569	-	-
TOTAL EARTHWORK	4,200			
EXPORT QUANTITY	0			
IMPORT QUANTITY	939			

NOTE : FILL VOLUMES INCLUDE 10% SHRINKAGE. EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP SITE.

TREE TO BE REMOVED

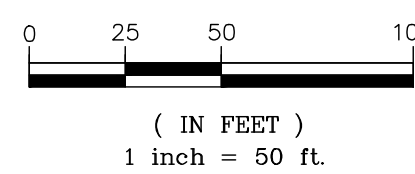
NO.	TREE DIAMETER	QUANTITY
1.	35"	1
	TOTAL	1

PARCEL 24
APN 779-47-008

SHEET INDEX

- SHEET C1: OVERALL SITE PLAN
SHEET C2: SITE GRADING & DRAINAGE PLAN
SHEET C3: DRIVEWAY GRADING & DRAINAGE PLAN
SHEET C4: DRIVEWAY PROFILE & SECTIONS

GRAPHIC SCALE



JF ENGINEERING

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

OVERALL SITE PLAN
LAND OF JHA
W SAN MARTIN AVE
APN 779-47-007

California

PROJECT NO.

CONTRACT NO.

San Martin

C1

SHT NO. 1 OF 6

FILE NO.

REVISIONS

DATE

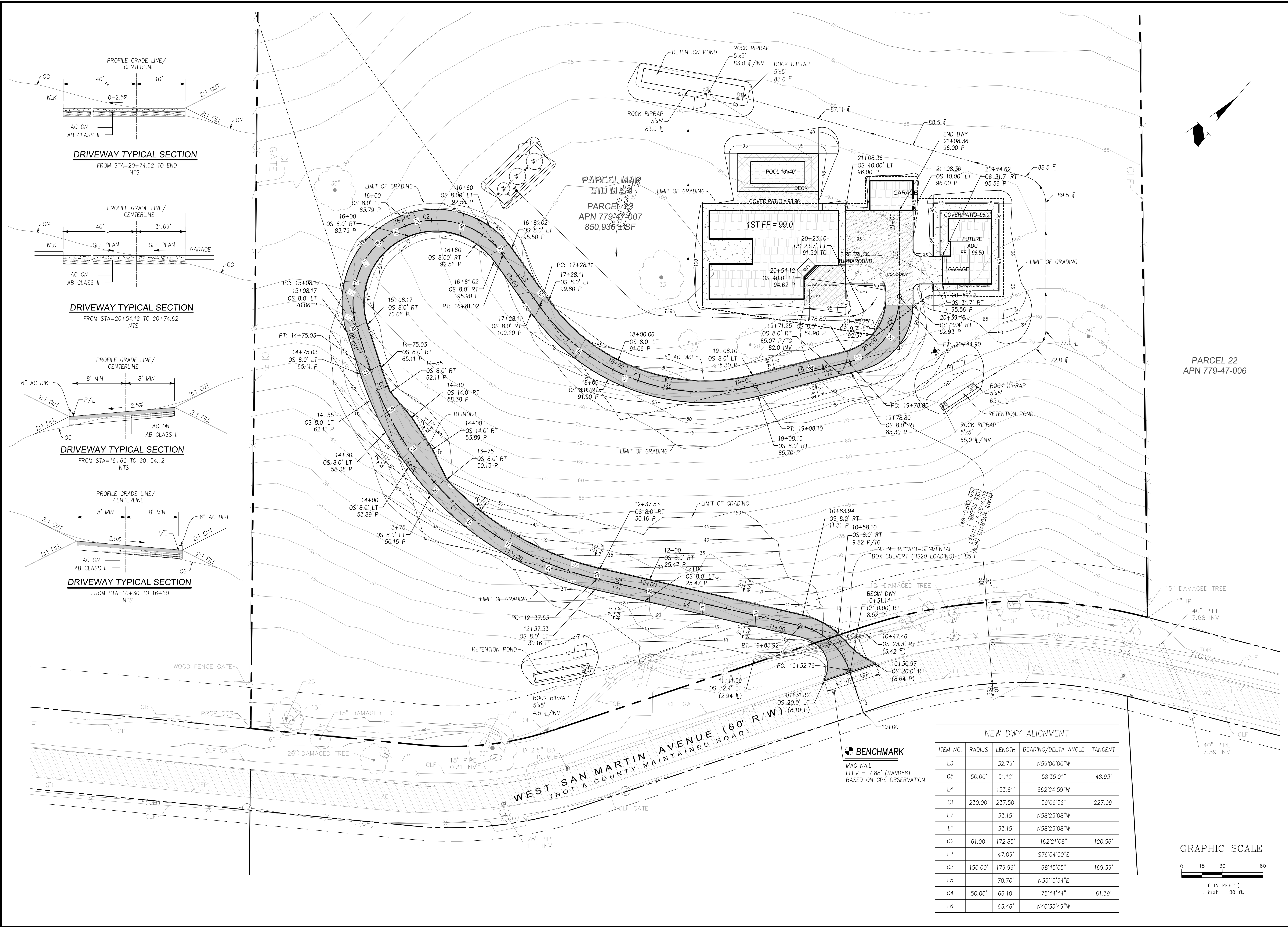
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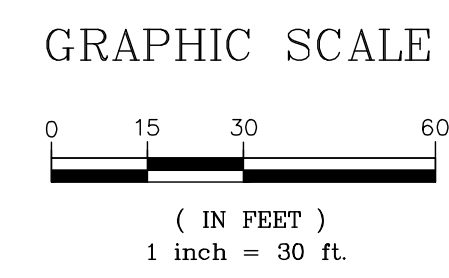
APPLICANT : JHA

ROAD NAME : W SAN MARTIN AVE



PARCEL 22
APN 779-47-006

NEW DWY ALIGNMENT				
ITEM NO.	RADIUS	LENGTH	BEARING/DELTA ANGLE	TANGENT
L3		32.79'	N59°00'00"W	
C5	50.00'	51.12'	S8°35'01"E	48.93'
L4		153.61'	S62°24'59"W	
C1	230.00'	237.50'	S9°09'52"E	227.09'
L7		33.15'	N58°25'08"W	
L1		33.15'	N58°25'08"W	
C2	61.00'	172.85'	S62°21'08"E	120.56'
L2		47.09'	S76°04'00"E	
C3	150.00'	179.99'	S68°45'05"E	169.39'
L5		70.70'	N35°10'54"E	
C4	50.00'	66.10'	S75°44'44"E	61.39'
L6		63.46'	N40°33'49"W	



ENGINEERING

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DRIVEWAY GRADING & DRAINAGE PLAN

LAND OF JHA
W SAN MARTIN AVE
APN 779-47-007

San Martin

C1

2 OF 6

FILE NO.

PT

DESIGNED

DATE

02/15/21

PT

DRAWN

DATE

02/15/21

SCALE

1" = 50'

CHECKED

DATE

02/15/21

BY

DATE

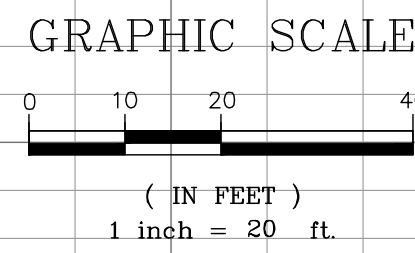
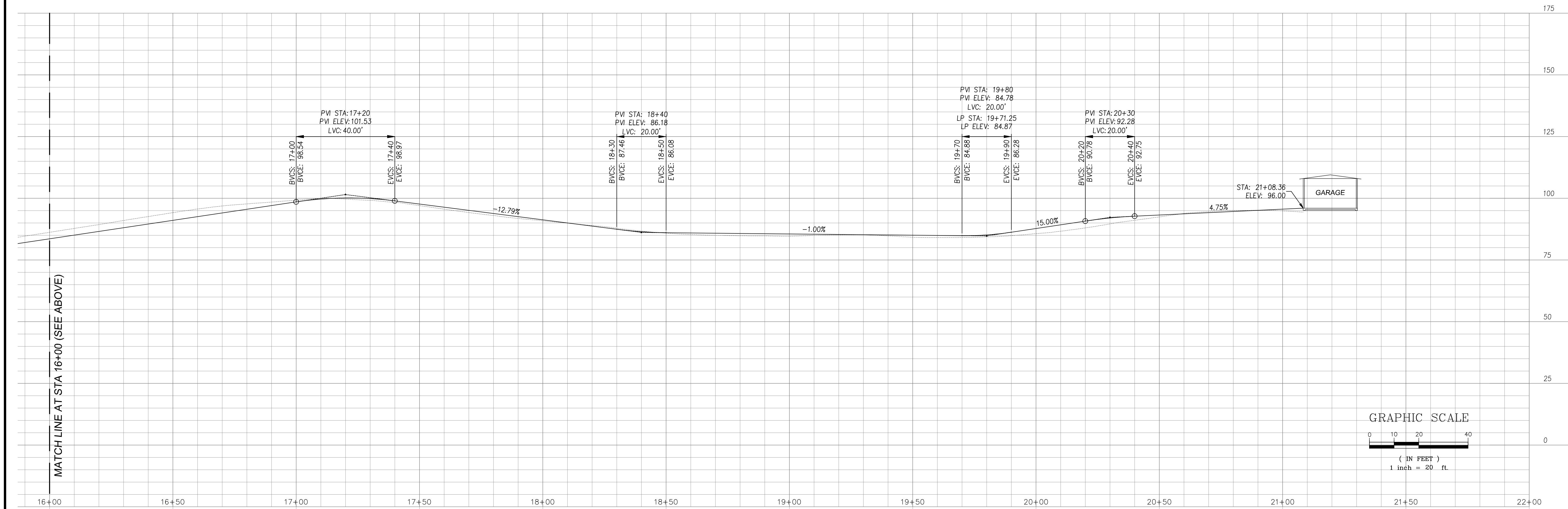
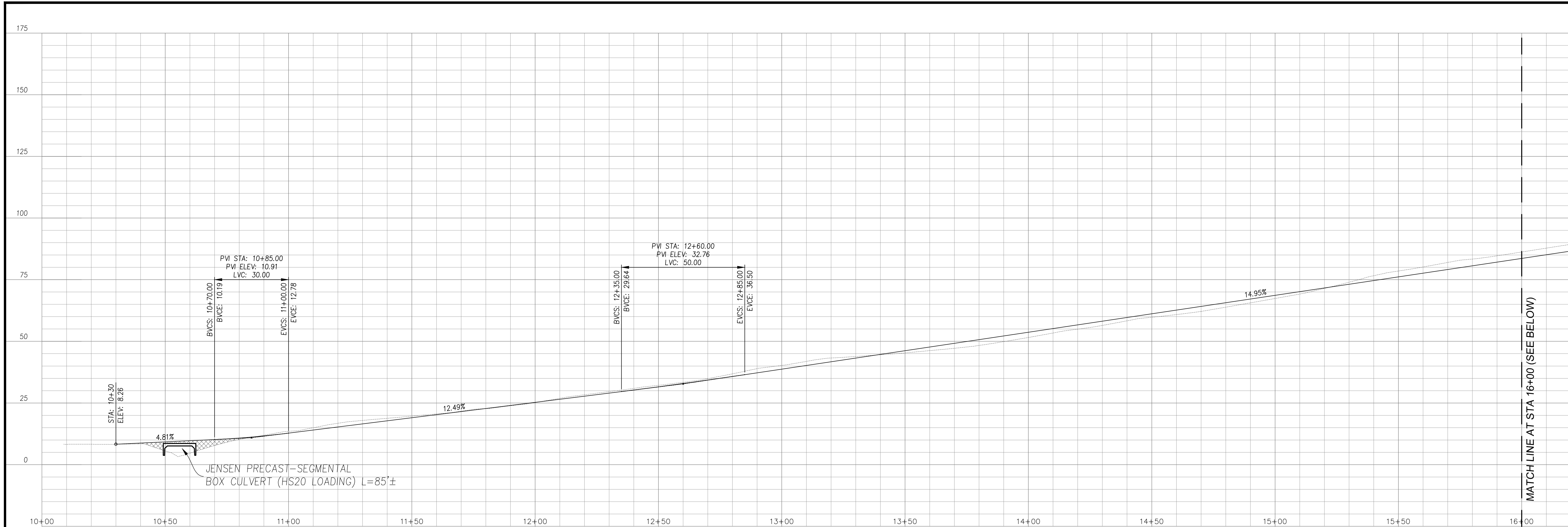
APPROVED

REVISIONS

NO.

APPLICANT : JHA

ROAD NAME : W SAN MARTIN AVE

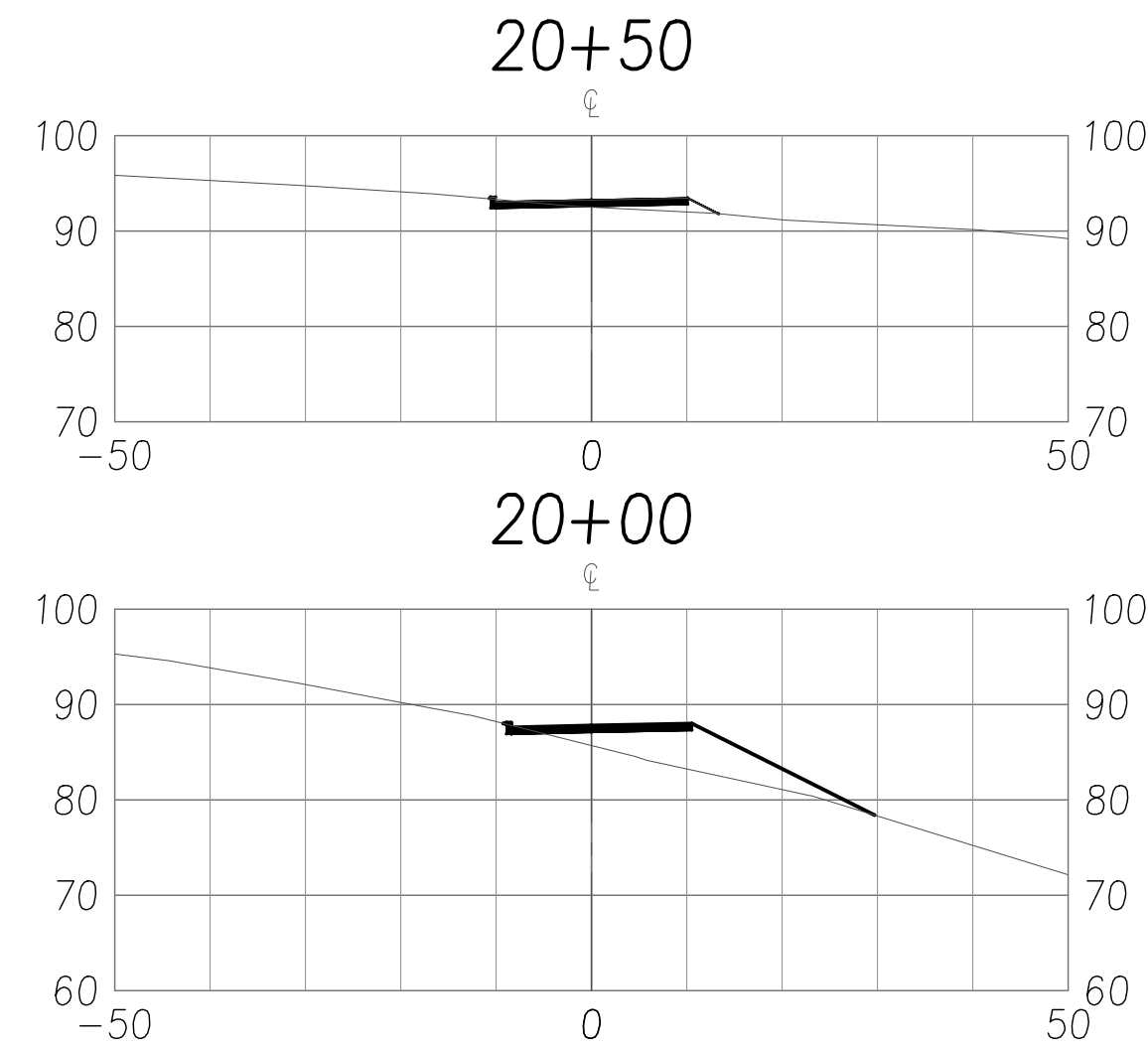
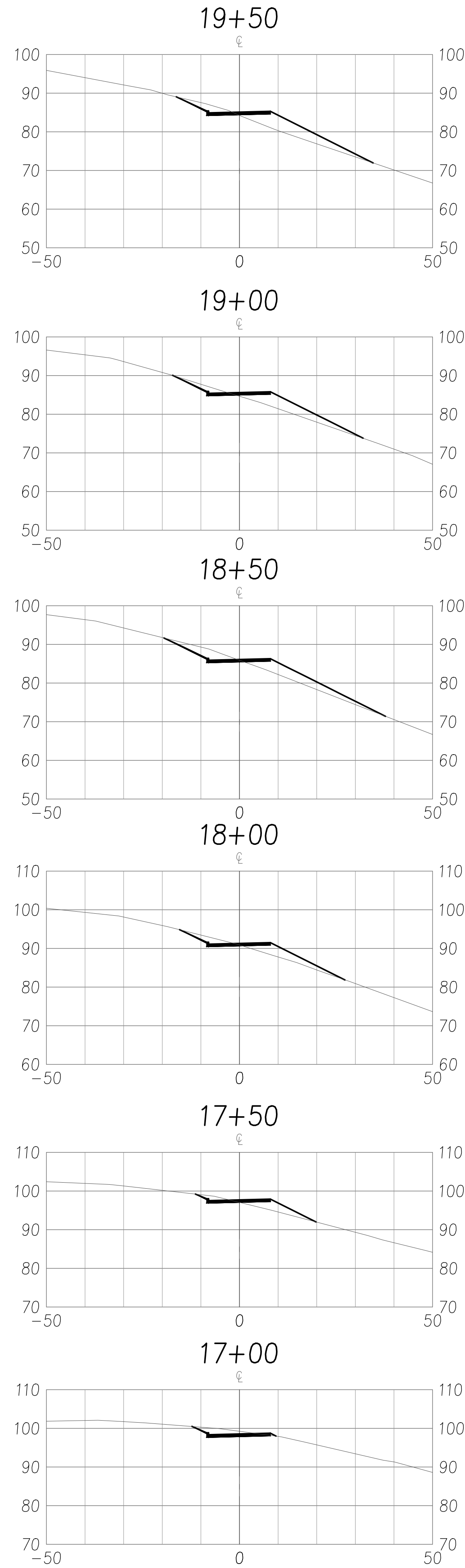
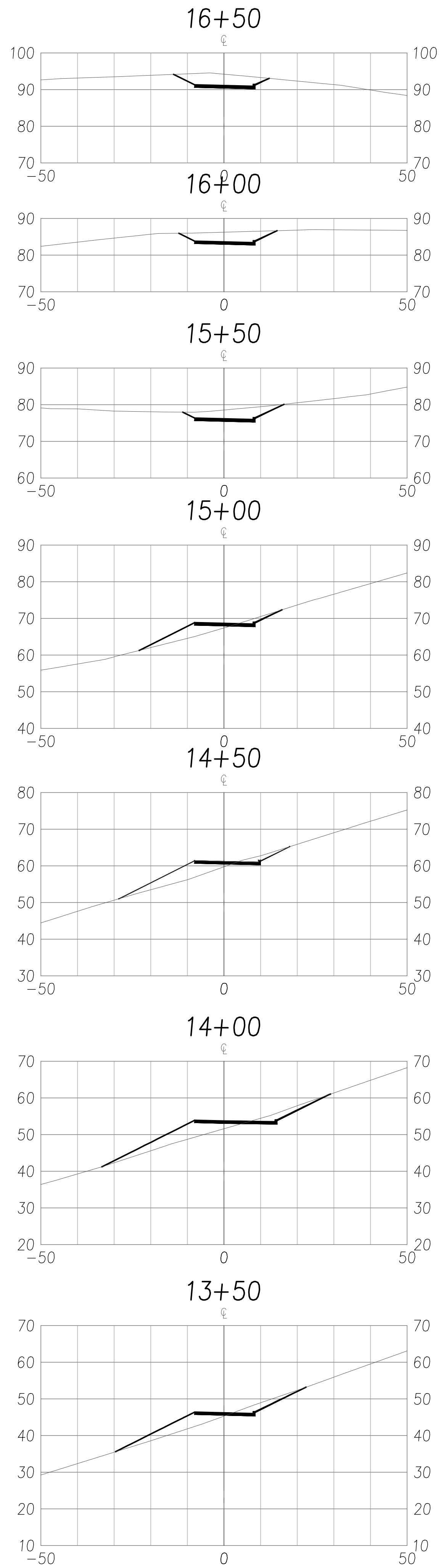
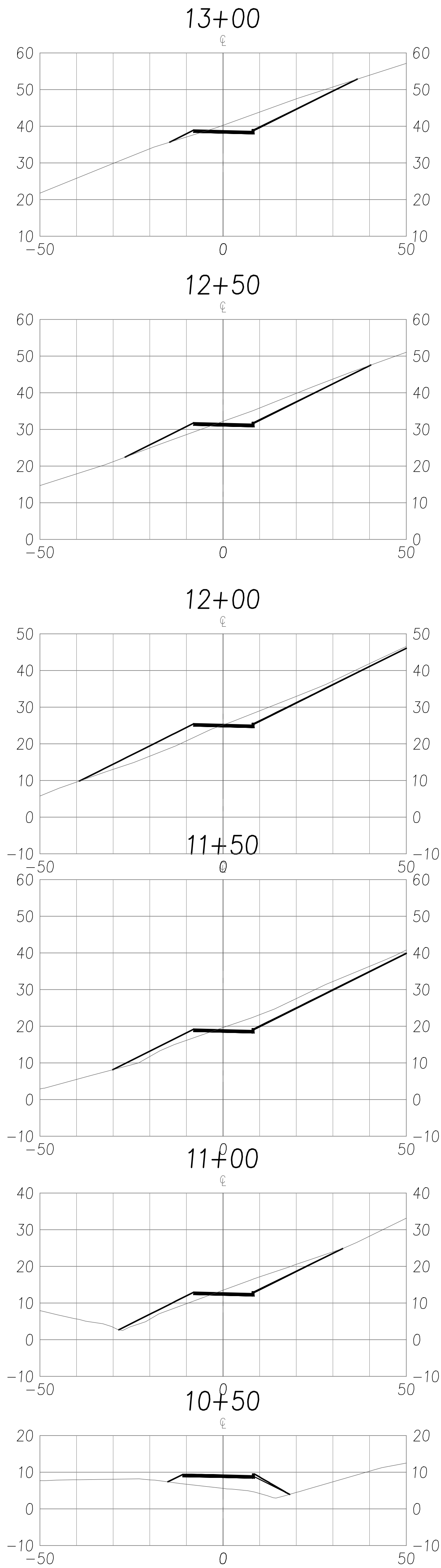


DRAWING NO. C3	DRIVEWAY PROFILE LAND OF JHA W SAN MARTIN AVE APN 779-47-007		PROJECT NO. CONTRACT NO. San Martin	California	PT DESIGNED PT DATE 02/15/21	DATE 02/15/21	BY	DATE	REVISIONS	NO.
	FILE NO. 2	OF 6								

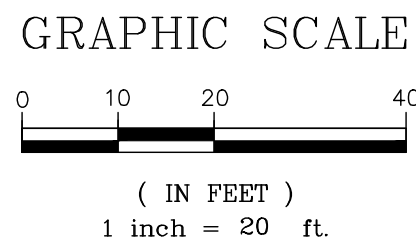
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San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

APPLICANT : JHA

ROAD NAME : W SAN MARTIN AVE



ESTIMATE EARTHWORK QUANTITY FOR DRIVEWAY						
STATION	FILL AREA (SF)	CUT AREA (SF)	FILL VOLUME (CY)	CUT VOLUME (CY)	CUMULATIVE FILL VOL (CY)	CUMULATIVE CUT VOL (CY)
10+50	103.06	0.00	0.00	0.00	0.00	0.00
11+00	36.01	63.50	125.77	68.96	125.77	68.96
11+50	37.75	104.67	68.30	155.71	194.07	224.67
12+00	82.99	68.24	111.80	160.10	305.87	384.77
12+50	30.96	76.90	107.26	131.80	413.14	516.57
13+00	6.46	93.62	36.37	147.78	449.51	664.35
13+50	63.99	20.68	68.52	99.76	518.03	764.11
14+00	90.64	22.03	150.35	37.19	668.38	801.30
14+50	72.98	10.36	158.85	28.11	827.23	829.42
15+00	51.25	7.60	117.58	16.29	944.81	845.70
15+50	0.00	53.82	53.37	54.09	998.18	899.80
16+00	0.00	55.94	0.00	98.35	998.18	998.15
16+50	0.00	62.78	0.00	109.79	998.18	1,107.94
17+00	1.32	15.47	1.13	73.72	999.31	1,181.65
17+50	30.92	5.72	30.59	19.31	1,029.90	1,200.96
18+00	42.05	12.11	72.07	15.66	1,101.97	1,216.62
18+50	63.36	26.08	106.42	33.28	1,208.38	1,249.90
19+00	63.44	11.05	128.19	32.27	1,336.58	1,282.17
19+50	77.84	15.14	132.66	24.03	1,469.24	1,306.19
20+00	87.64	0.08	168.64	13.09	1,637.87	1,319.28
20+50	16.65	0.33	112.88	0.32	1,750.76	1,319.60



DRIVEWAY CROSS SECTIONS
LAND OF JHA
W SAN MARTIN AVE
APN 779-47-007

San Martin
California

C4

4 OF 6

FILE NO.

CONTRACT NO.

PROJECT NO.

DESIGNED
PT

DATE
02/15/21

DRAWN
PT

DATE
02/15/21

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NL

DATE
02/15/21

BY

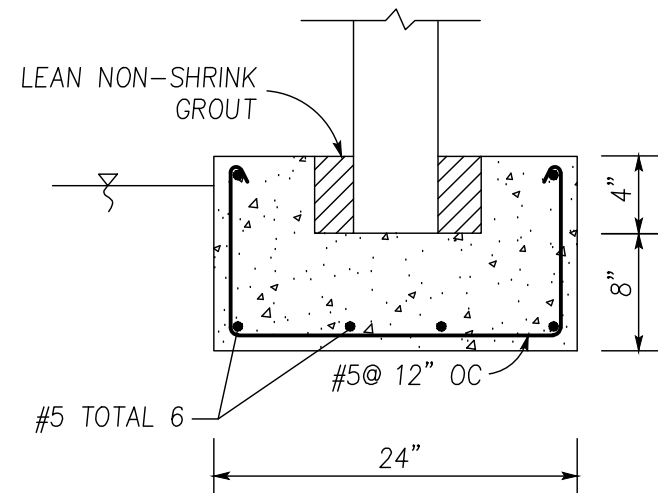
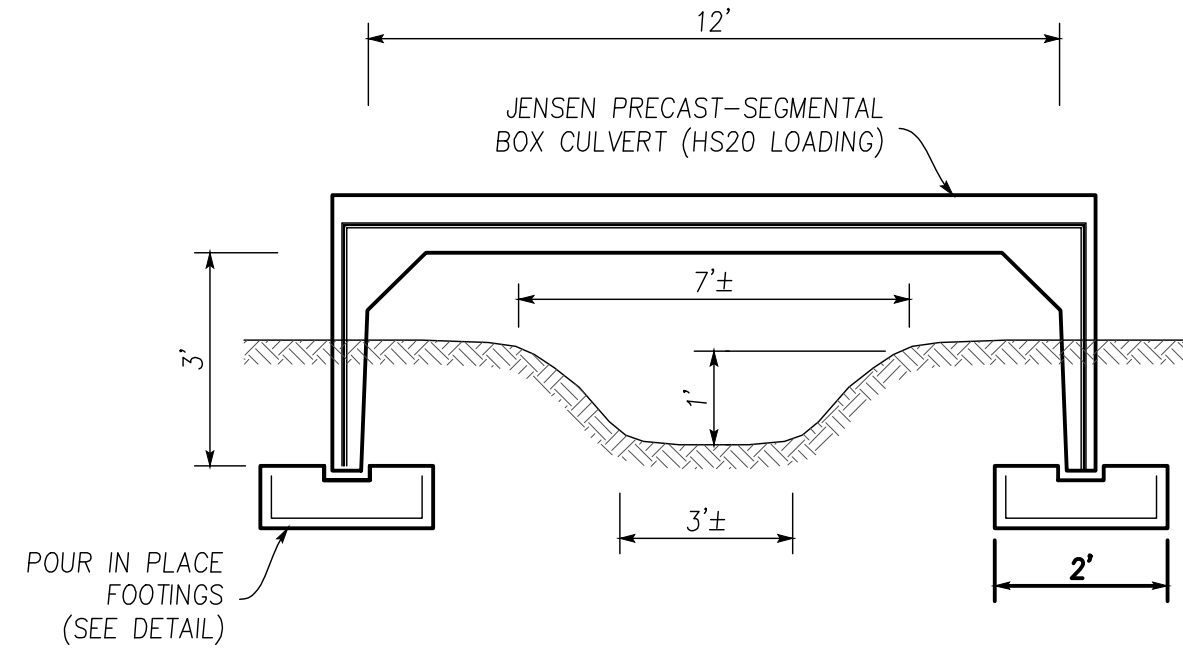
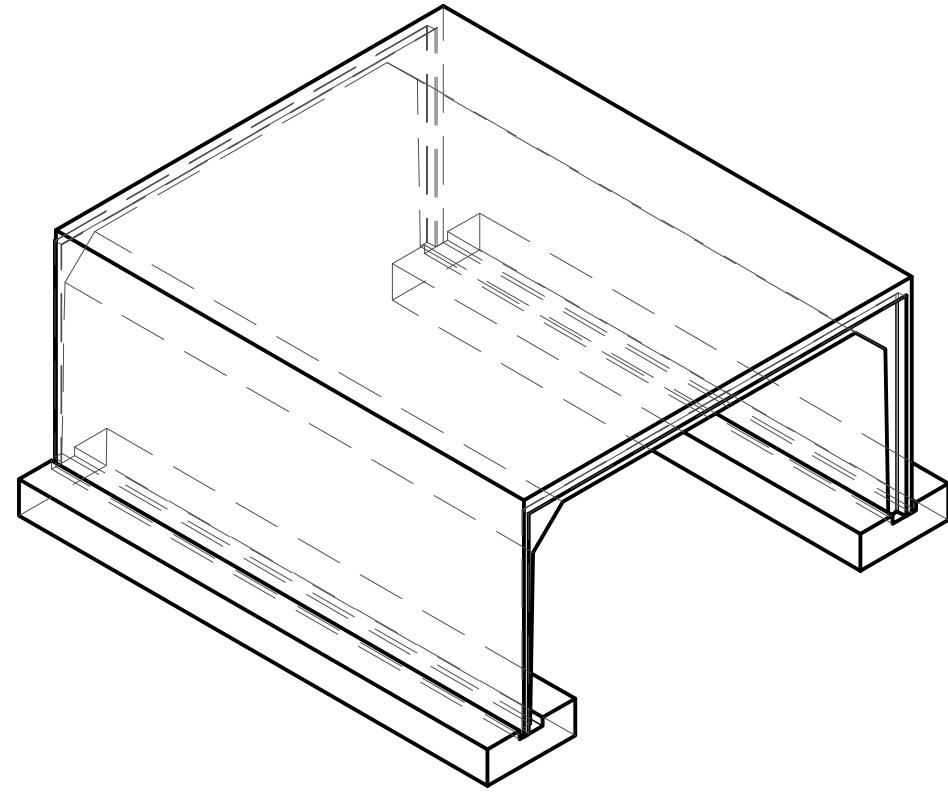
DATE

REVISIONS

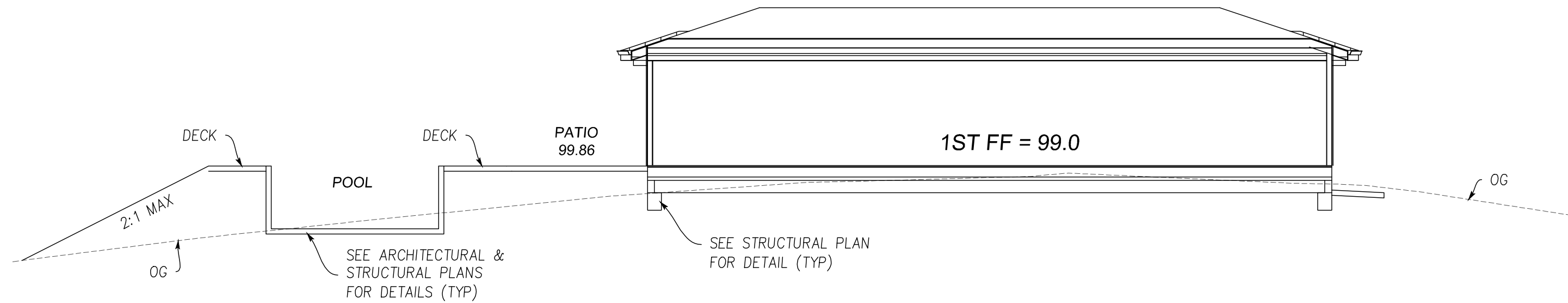
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ENGINEERING

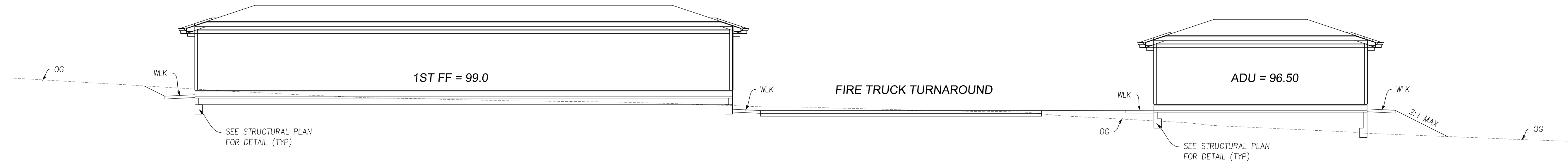
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BOX CULVERT FOOTING DETAIL
NO SCALE

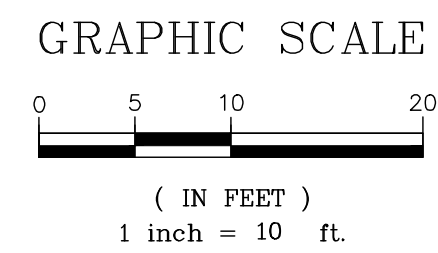


SECTION B-B



SECTION A-A

ESTIMATE EARTHWORK QUANTITY HOUSE SITE							
No.	STATION		AREA (SQUARE FEET)		DISTANCE	VOLUME (CUBIC YARD)	
			CUT	FILL	(FEET)	CUT	FILL
1	A-A	(LEFT)	114.00		80.00	337.78	0.00
2	B-B	(LEFT)	20.00	152.00	60.00	44.44	337.78
3	C-C	(LEFT)			100.00	0.00	0.00
4	D-D	(LEFT)					
5	A-A	(RIGHT)		192.00	80.00	0.00	568.89
6	B-B	(RIGHT)	4.50		100.00	16.67	0.00
7	C-C	(RIGHT)			100.00	0.00	0.00
8	D-D	(RIGHT)					
9							
				TOTAL		399.00	907.00
				IMPORT		508	CUBIC YARD
				EXPORT		0	CUBIC YARD
				RESIDENCE		354.00	
				ACCESSORY			569.00
				POOL/HARDSCAPE		44.00	338.00
				DWY & WLK		1,202.00	1,632.00
				LANDSCAPE & DETENTION			
				RETAINING WALL			
				OFF SITE IMPROVEMENT			
						1,600	2,539



PT
DESIGNED

02/15/21

DATE

PT
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02/15/21

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SCALE

1" = 10'

CHECKED

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DATE

REVISIONS

BY

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APP'D

NO.

NO.

BUILDING CROSS SECTIONS

LAND OF JHA

W SAN MARTIN AVE

APN 779-47-007

San Martin

California

C6

6 OF 6

CONTRACT NO.

PROJECT NO.

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