

**EARTHWORK QUANTITY**

IMPROVEMENT	EARTHWORK QUANTITY (CUBIC YARD)		MAXIMUM DEPTH (FEET)	
	CUT	FILL	CUT	FILL
RESIDENCE	2,357	-	10	-
ACCESSORY STRUCTURE	-	349	6	6
POOL	1,801	-	15	-
DRIVEWAY & WALKWAY	5,567	6,534	10	10
LANDSCAPE	744	2,489	6	6
RETENTION	150	-	6	-
TOTAL	10,619	9,372		
TOTAL EARTHWORK	19,991			
EXPORT QUANTITY	1,247			
IMPORT QUANTITY	0			

**PROPERTY INFORMATION**

1. APN: 779-46-007
2. SITE ADDRESS: 1975 HAYES LANE, SAN MARTIN, CA 95046
3. LOT SIZE: 907,258± SQ. FT. / 20.83± ACRES

**PLANNING AND DEVELOPMENT INFORMATION**

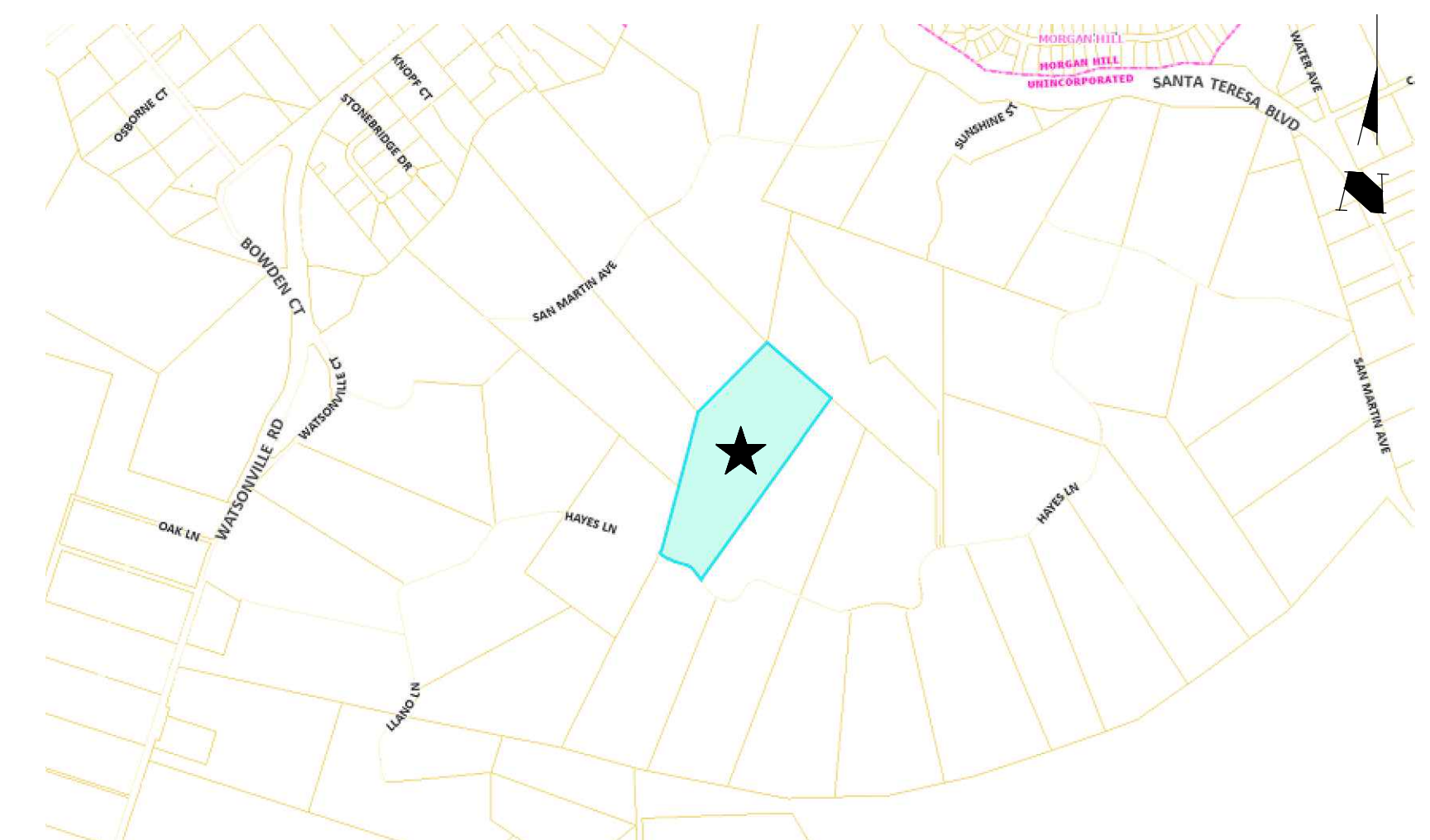
1. GENERAL PLAN: HILLSIDES (100%)
2. ZONING: HS-D1 (100%)

**SPECIAL AREA POLICIES AND INFORMATION**

1. HCP AREA
2. HCP RURAL DEVELOPMENT AREAS: IN
3. FIRE RESPONSIBILITY AREA: SRA (100%)
4. CAL FIRE SRA HAZARD CLASS: HIGH (100%)
5. WILDLAND URBAN INTERFACE: IN
6. FIRE PROTECTION DISTRICT: SOUTH SANTA CLARA COUNTY FIRE PROTECTION DISTRICT
7. GEOHAZARD: COUNTY LANDSLIDE HAZARD ZONE
8. HISTORIC PARCEL: NO
9. FEMA FLOOD ZONE: D (100%)
10. WATERSHED: CENTRAL COAST
11. RAIN ISOHYET: 23 INCHES, 21 INCHES
12. NEAREST NAMED CREEK: HAYES CREEK (2014 FEET)
13. NEAREST NAMED LAKE: UVAS RESERVOIR (13973 FEET)

**SHEET INDEX**

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- SHEET 2: DRIVEWAY GRADING PLAN 1
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- SHEET 13: MAIN DRIVEWAY SECTIONS 3
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**PRE-DEVELOPMENT**

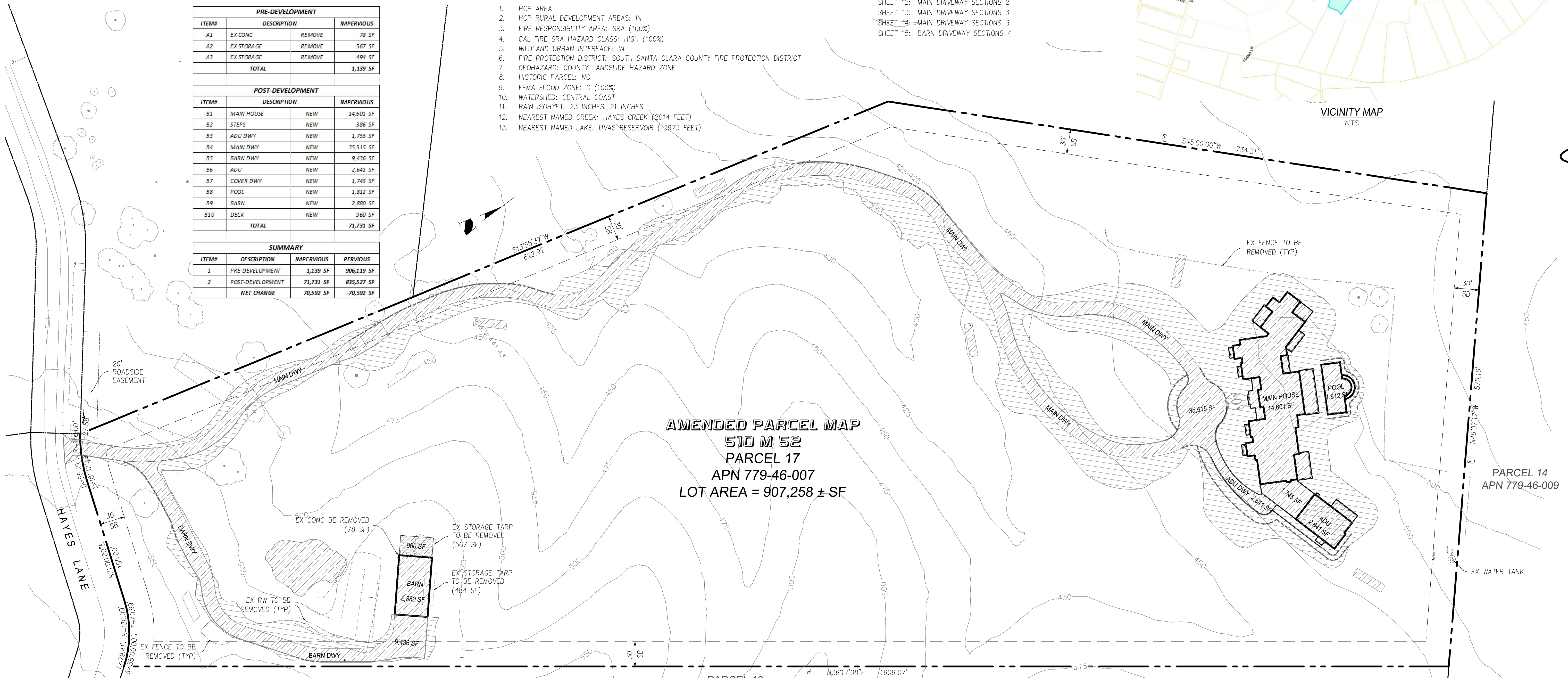
ITEM#	DESCRIPTION	IMPERVIOUS
A1	EX CONC	REMOVE 78 SF
A2	EX STORAGE	REMOVE 567 SF
A3	EX STORAGE	REMOVE 494 SF
<b>TOTAL</b>		<b>1,139 SF</b>

**POST-DEVELOPMENT**

ITEM#	DESCRIPTION	IMPERVIOUS	PERVIOUS
B1	MAIN HOUSE	NEW 14,601 SF	
B2	STEPS	NEW 386 SF	
B3	ADU DWY	NEW 1,755 SF	
B4	MAIN DWY	NEW 35,515 SF	
B5	BARN DWY	NEW 9,436 SF	
B6	ADU	NEW 2,641 SF	
B7	COVER DWY	NEW 1,745 SF	
B8	POOL	NEW 1,812 SF	
B9	BARN	NEW 2,880 SF	
B10	DECK	NEW 960 SF	
<b>TOTAL</b>		<b>71,731 SF</b>	

**SUMMARY**

ITEM#	DESCRIPTION	IMPERVIOUS	PERVIOUS
1	PRE-DEVELOPMENT	1,139 SF	906,119 SF
2	POST-DEVELOPMENT	71,731 SF	835,527 SF
<b>NET CHANGE</b>		<b>70,592 SF</b>	<b>-70,592 SF</b>



**AMENDED PARCEL MAP**  
**510 M 52**  
**PARCEL 17**  
**APN 779-46-007**  
**LOT AREA = 907,258 ± SF**



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 San Jose, CA 95128  
 Phone: (408) 866-7187

**SITE PLAN**  
 1795 HAYES LANE  
 APN 779-46-007

SAN MARTIN CALIFORNIA  
 Project No.:  
 Checked: NC  
 Designed: PT  
 Date: 11/11/24

**SHEET**  
 1

**FILE #**

**ABBREVIATIONS**

- ⊕ AREA DRAIN
- ⊕ BENCHMARK
- ⊕ BOUNDARY
- ⊕ CATCH BASIN
- ⊕ CLF FENCE
- ⊕ COBBLE ROCK ENERGY DISSIPATOR
- ⊕ CONCRETE
- 550 — EXISTING CONTOUR AFTER GRADING
- 550 — ORIGINAL GROUND PRIOR TO GRADING
- 100.46 — DESIGN GRADE
- ⊕ DOWNSPOUT WITH SPLASHBLOCK
- ⊕ DRAINAGE EMITTER
- ⊕ DIVERSION VALVE
- ⊕ BACKWATER VALVE
- ⊕ BENCHMARK
- ⊕ DRAINAGE SWALE
- ⊕ EASEMENT LINE
- ⊕ EXISTING ELEVATION

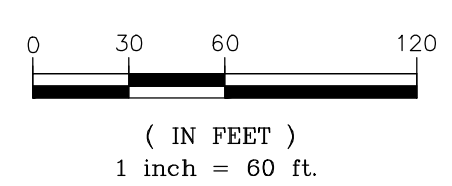
- ⊕ EXISTING TREE TO BE REMOVED
- ⊕ EXISTING TREE TO REMAIN
- ⊕ FOUND IRON PIPE AT PROPERTY CORNER
- ⊕ FIBER ROLLS
- ⊕ GAS METER
- ⊕ GAS VALVE
- ⊕ SANITARY SEWER MANHOLE
- ⊕ STORM DRAIN MANHOLE
- ⊕ SUMP PUMP
- ⊕ GUY POLE
- ⊕ GUY WIRE ANCHOR
- ⊕ HIGH POINT
- ⊕ HYDRANT: EXISTING
- ⊕ HYDRANT: PROPOSED
- ⊕ INLET
- ⊕ JOINT POLE
- ⊕ LIGHTING
- ⊕ LIGHTING POLE
- ⊕ LOW POINT
- ⊕ OVERLAND FLOW DIRECTION
- ⊕ PGE BOX
- ⊕ POST CONSTRUCTION STORM WATER POLLUTION CONTROL MEASURE

- ★ PROJECT/SITE
- ⊕ RETAINING WALL
- ⊕ RIGHT OF WAY
- ⊕ SANITARY SEWER CLEAN OUT MANHOLE
- ⊕ SANITARY SEWER MANHOLE
- ⊕ STORM DRAIN MANHOLE
- ⊕ SUMP PUMP
- ⊕ TELEPHONE BOX
- ⊕ TELEVISION BOX
- ⊕ TEST PIT
- ⊕ TOP OF FILL
- ⊕ TOP OF FILL
- ⊕ TOP OF CUT
- ⊕ TOP OF CUT
- ⊕ TREE NUMBER
- ⊕ T-VAULT
- ⊕ UTILITY: EXISTING
- ⊕ UTILITY: PROPOSED OR NEW
- ⊕ WATER METER
- ⊕ WATER VALVE
- ⊕ WELL
- ⊕ WOOD FENCE

- AB AGGREGATE BASE
- AC ASPHALT CONCRETE
- AD AREA DRAIN
- AE ANCHOR EASEMENT
- BB BUBBLER BOX
- BLDG BUILDING
- BSL BUILDING SETBACK LINE
- BW BOTTOM OF WALL/BACK OF WALK
- CG CURB & GUTTER
- CL CENTERLINE
- CF CHAIN LINK FENCE
- CO SANITARY SEWER CLEANOUT
- COP CURB OPENING
- CONC CONCRETE
- CSD COUNTY STANDARD DETAIL
- DE DRAINAGE EMITTER
- DI DRAINAGE INLET
- DS DOWNSPOUT
- DWY DRIVEWAY
- EA EASEMENT
- ELEV ELEVATION
- EM ELECTRIC METER
- E(OH) ELECTRIC OVERHEAD
- E(UG) ELECTRIC UNDERGROUND
- EP EDGE OF PAVEMENT
- EX EXISTING
- FC FACE OF CURB
- FD FOUND
- FF FINISH ELEVATION OF SUBFLOOR
- FG GROUND FINISH GRADE
- FC FIRE HYDRANT
- FWL FUTURE WIDTH LINE
- FL FLOW LINE
- G GARAGE SLAB ELEVATION/GAS LINE
- GPE GENERAL PUBLIC EASEMENT
- GM GRADING SETBACK
- GM GAS METER
- HP HI POINT
- INV INVERT
- LIP LIP OF GUTTER
- LS LANDSCAPED AREA
- LSB LEACH FIELD SETBACK LINE
- MAX MAXIMUM
- MH MANHOLE
- MIN MINIMUM
- N&S NAIL AND SILVER
- NTS NOT TO SCALE
- OH OVERHEAD
- OG ORIGINAL GROUND
- OG PAVEMENT FINISH GRADE
- P PAD ELEVATION
- PEE PEDESTRIAN EQUESTRIAN EASEMENT
- PERF PERFORATED
- PP POWER POLE PROP PROPOSED
- PSE PUBLIC SERVICE EASEMENT
- PUE PUBLIC UTILITY EASEMENT
- PVMT PAVEMENT
- PVC POLYVINYL CHLORIDE
- R RADIUS
- RW RETAINING WALL
- REM REMOVE
- R/W RIGHT OF WAY
- S.C.V.W.D. SANTA CLARA VALLEY
- SD STORM DRAIN
- SDE STORM DRAIN EASEMENT
- SE SLOPE EASEMENT
- SS SANITARY SEWER/LATERAL
- SSE SANITARY SEWER EASEMENT
- STA STATION
- STD STANDARD CITY DETAIL
- SW SIDEWALK
- TB TOP OF BANK
- TC TOP OF CURB
- TEMP TEMPORARY
- TOC TOP OF COVER
- TOE TOP OF BANK
- TG TOP OF GRATE
- TPF TREE PROTECTION FENCE
- TW TOP OF WALL
- TYP TYPICAL
- VG VALLEY GUTTER
- W WATER
- WCE WIRE CLEARANCE EASEMENT
- WLK WALKWAY
- WF WOOD FENCE
- WM WATER METER
- WOE WIRE OVERHANG EASEMENT
- WV WATER VALVE

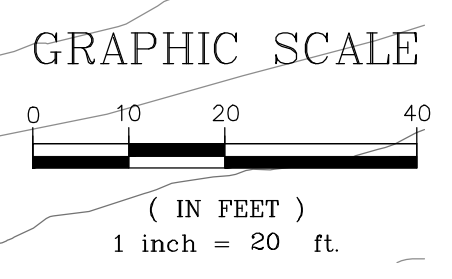
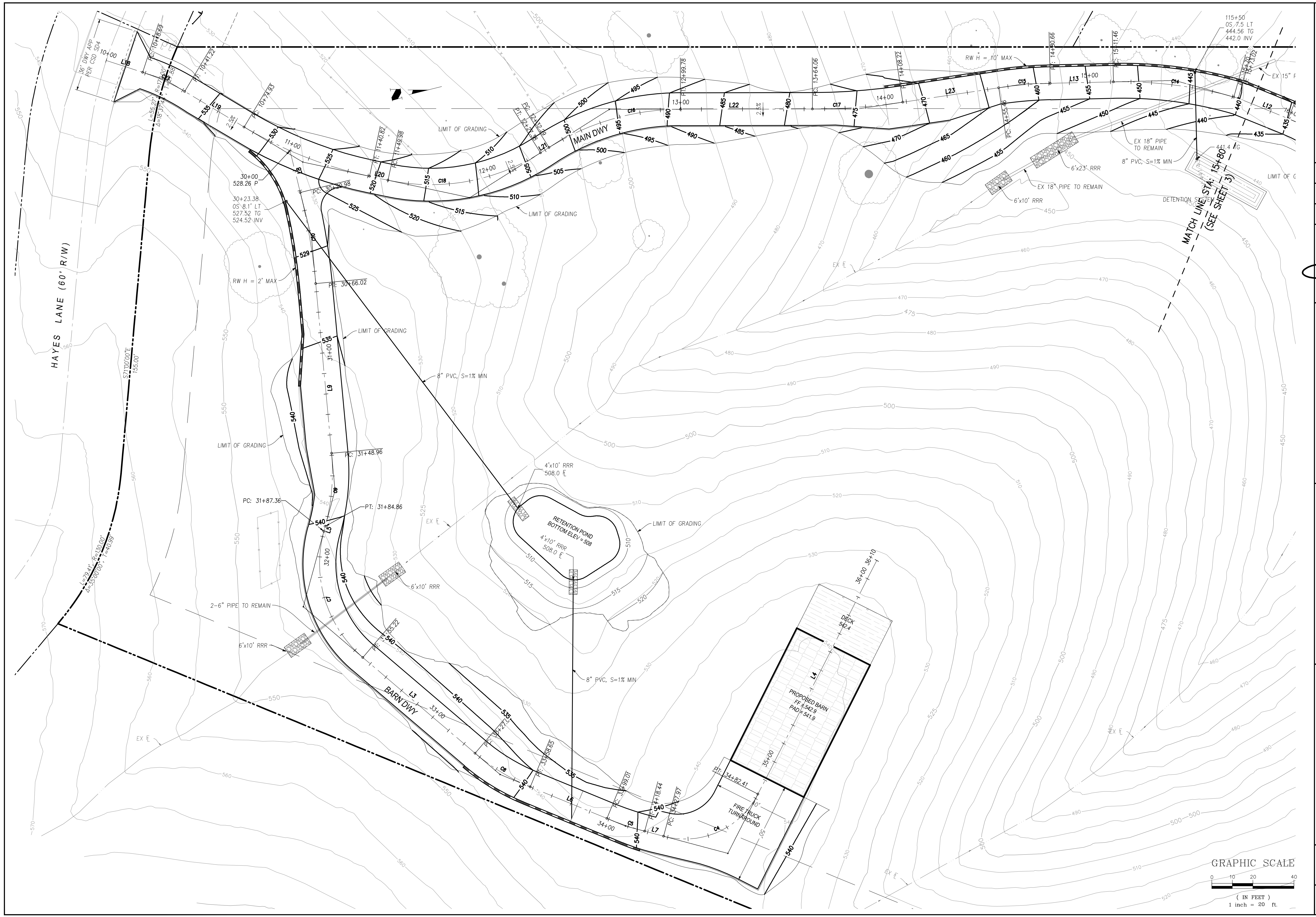
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**GRAPHIC SCALE**

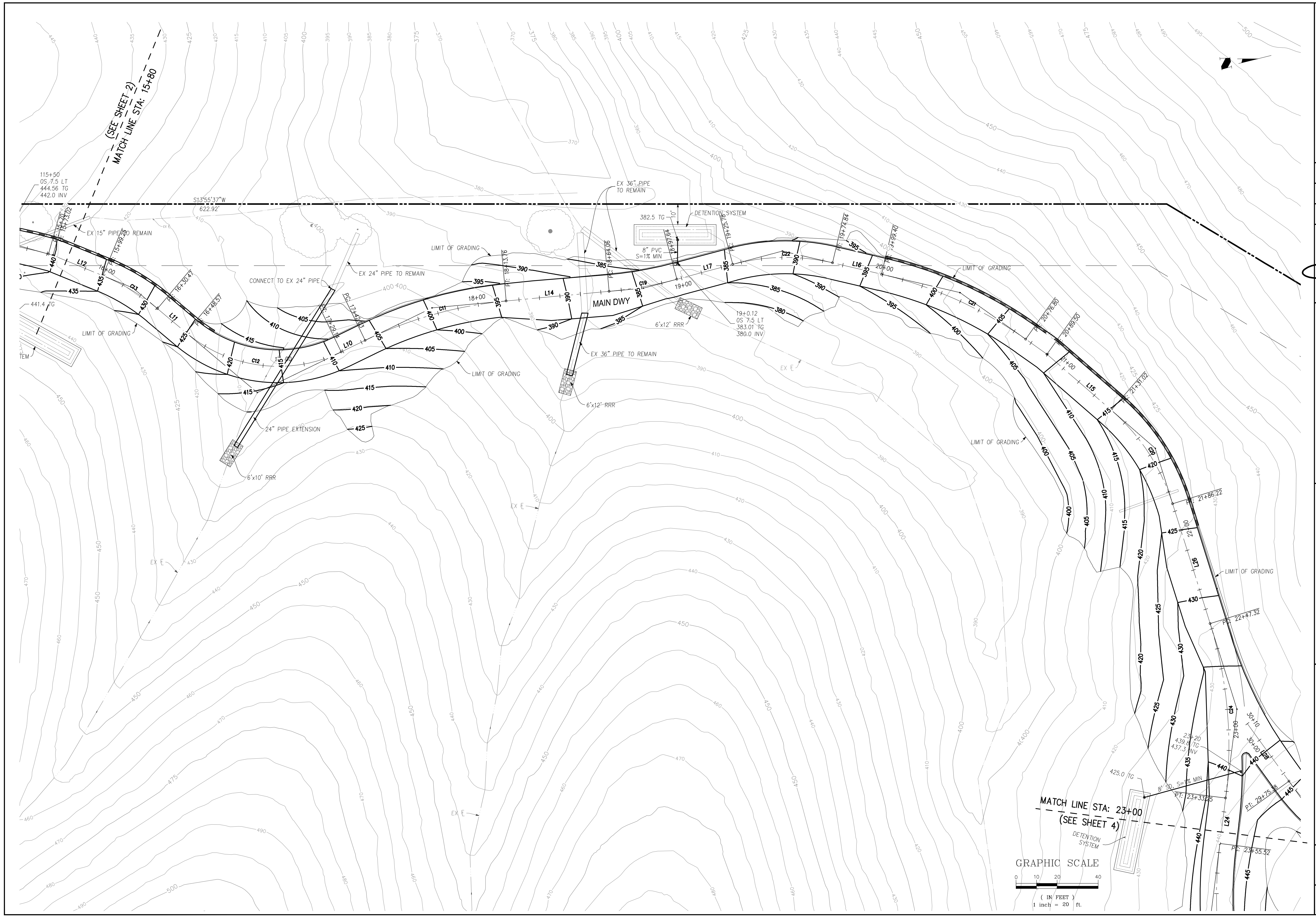


**DISTURBED AREAS**

NO.	DESCRIPTION	AREA (SQUARE FEET)
1.	TEMPORARY	78,298
2.	PERMANENT	71,731
<b>TOTAL AREA</b>		<b>150,029</b>



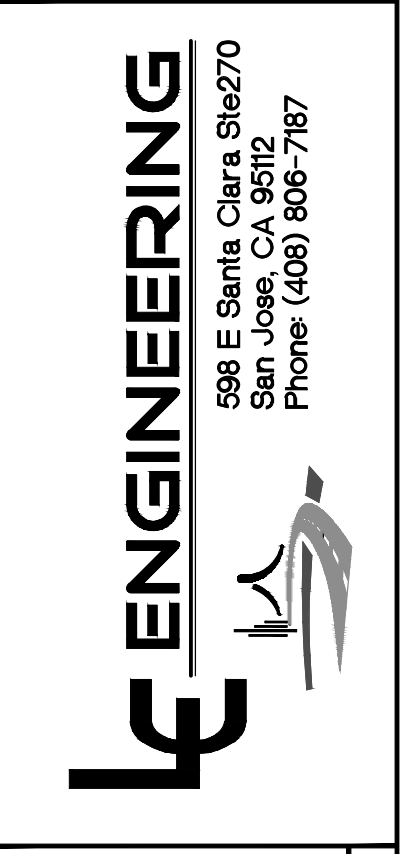
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<p>SHEET <b>2</b></p>	<p>CALIFORNIA REGISTERED PROFESSIONAL ENGINEER No. 47518 STATE OF CALIFORNIA</p>															
<p>FILE #</p>	<p>THOMAS KAIS 7673 BRAID COURT, GILROY TEL: (408) 375-7145 EMAIL: TK_MKS@YAHOO.COM</p>															
<p><b>ENGINEERING</b> 598 E Santa Clara St #270 San Jose, CA 95128 Phone: (408) 866-7187</p>																
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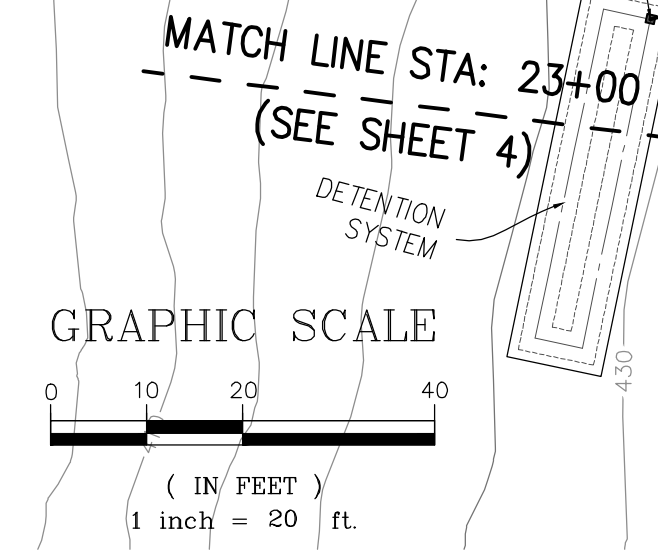
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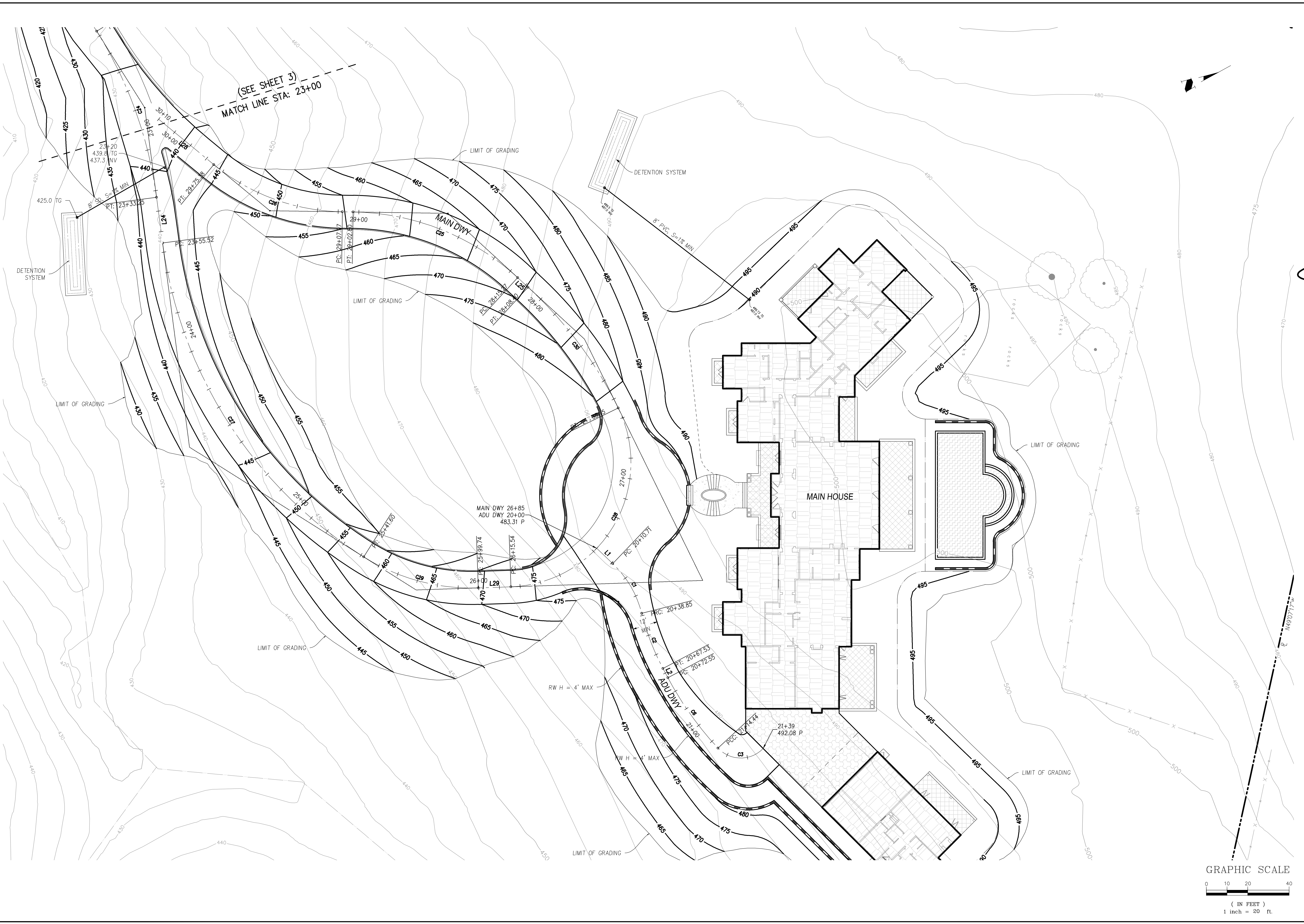


**DRIVEWAY GRADING PLAN 2**  
 1795 HAYES LANE  
 APN 779-46-007

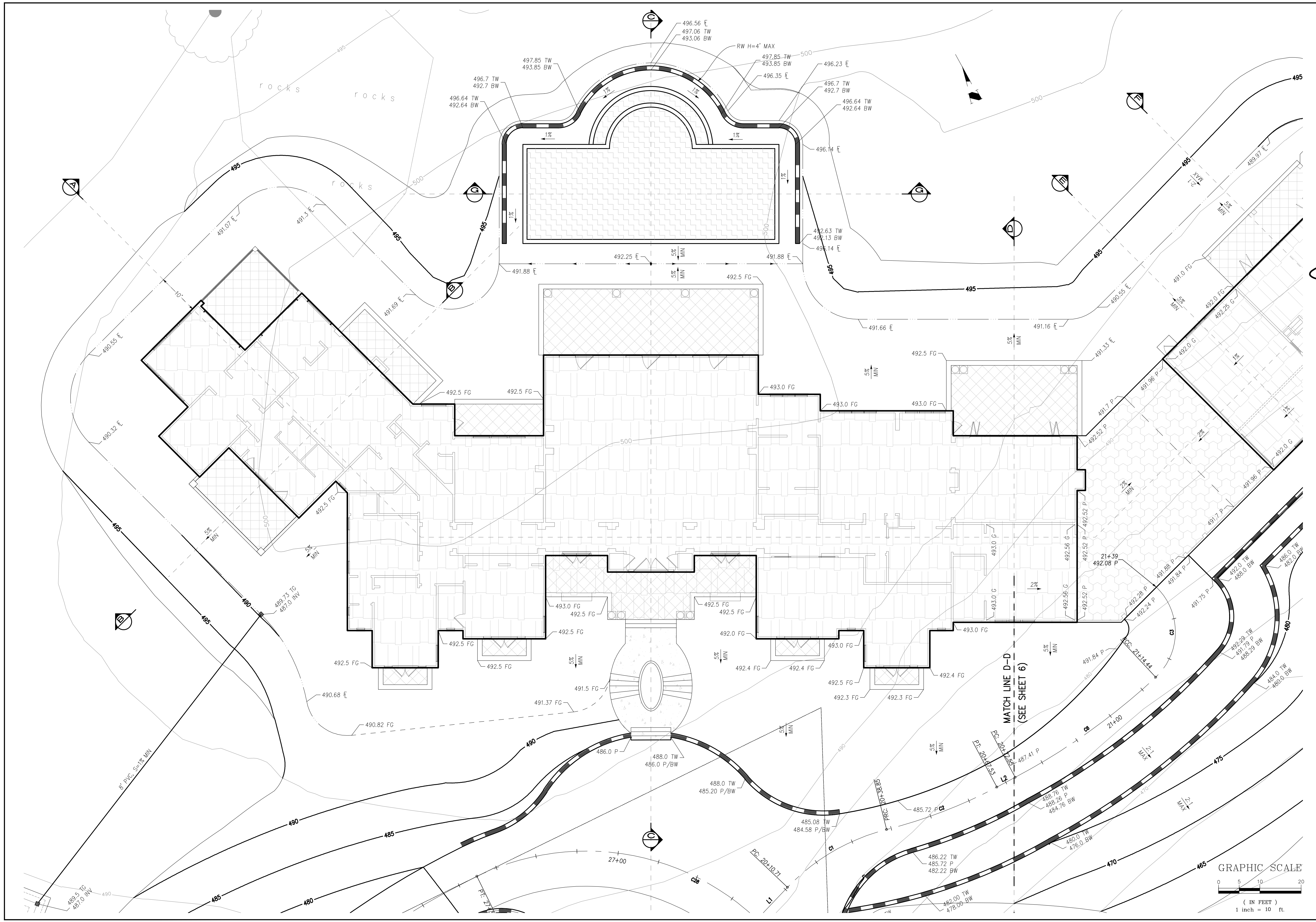
SAN MARTIN CALIFORNIA Date: 11/11/24  
 Project No.:      Checked: NC      Designed: PT

SHEET	3
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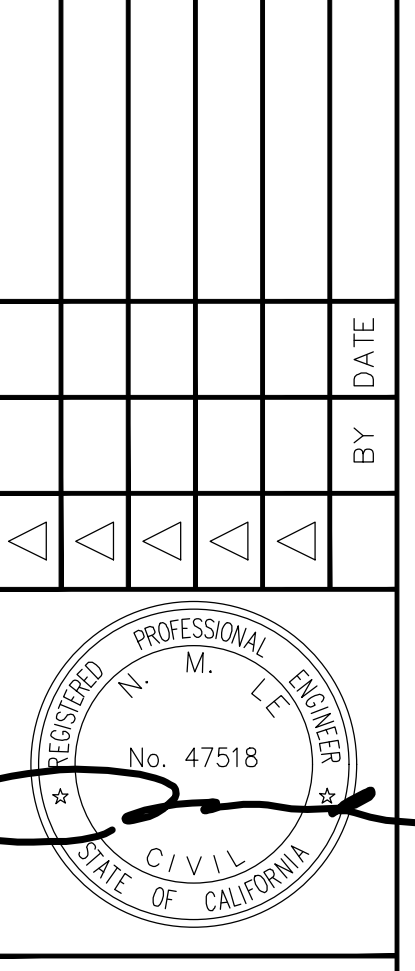




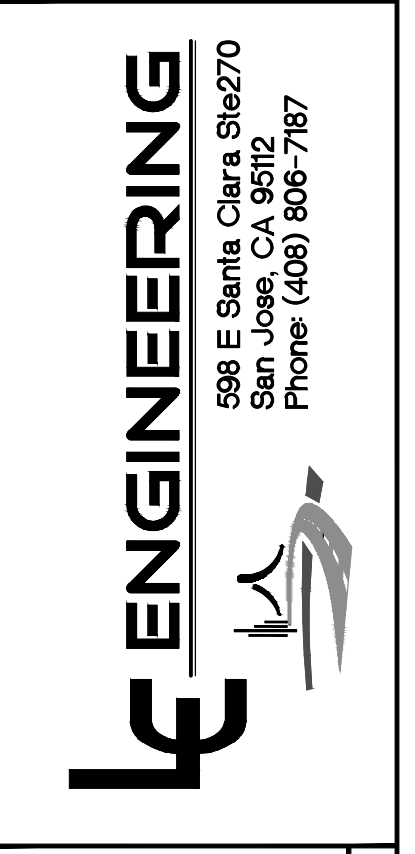
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<b>ENGINEERING</b> 598 E Santa Clara St #270 San Jose, CA 95128 Phone: (408) 866-7187		THOMAS KAIS 7673 BRAID COURT, GILROY TEL: (408) 375-7145 EMAIL: TK_MKS@YAHOO.COM	
SHEET <b>4</b>		REVISIONS BY DATE	
FILE #		REGISTERED PROFESSIONAL ENGINEER CIVIL STATE OF CALIFORNIA No. 47518	



NO.	DATE	BY	REVISIONS



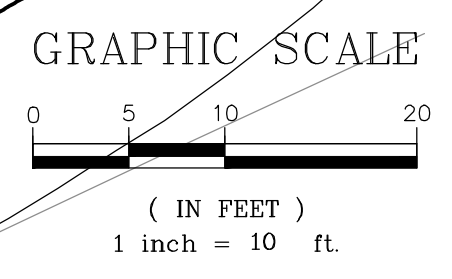
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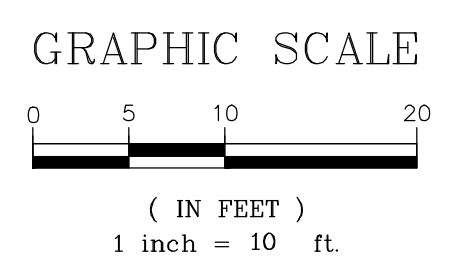
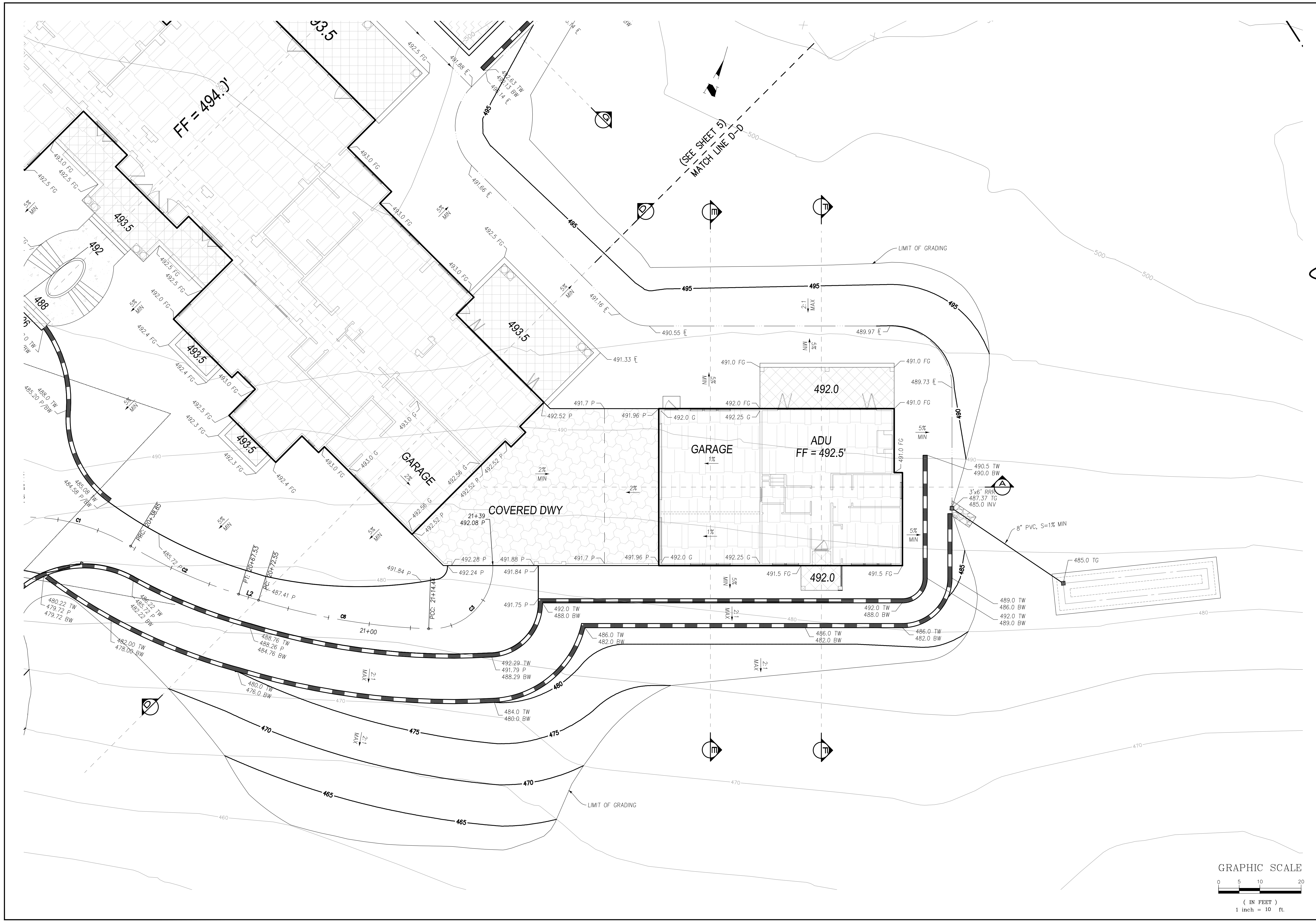
**MAINHOUSE GRADING PLAN**  
 1795 HAYES LANE  
 APN 779-46-007

Project No.: SAN MARTIN CALIFORNIA  
 Designed: PT Checked: NC Date: 11/11/24

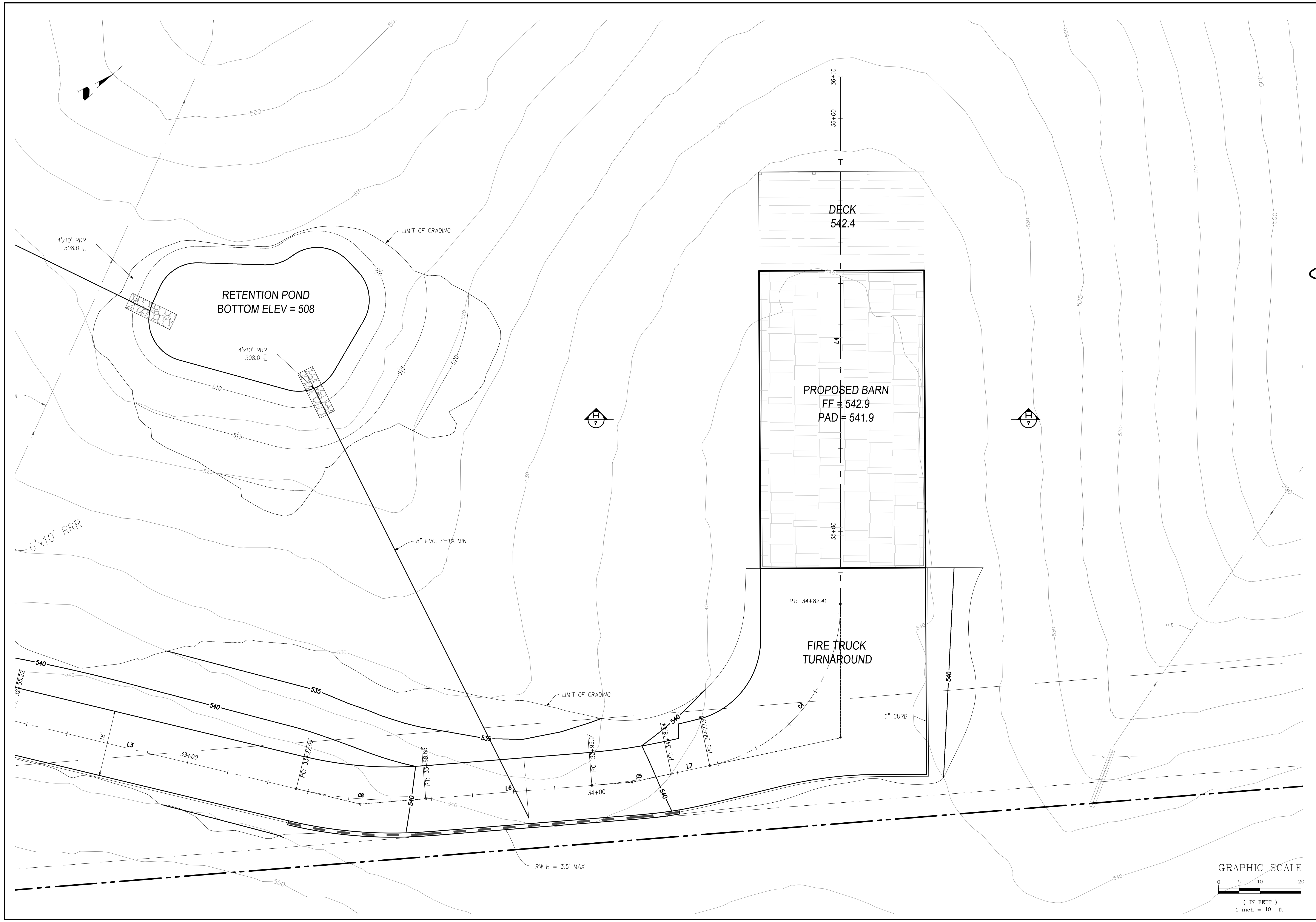
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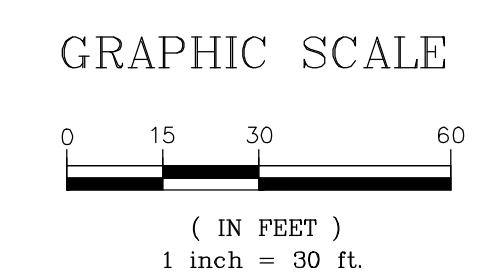
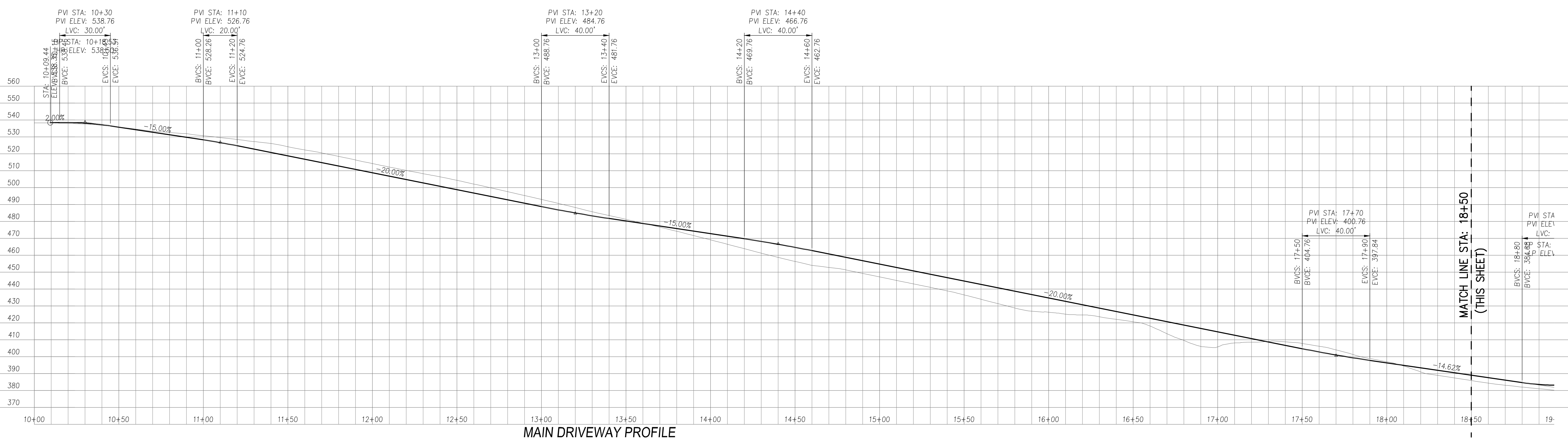
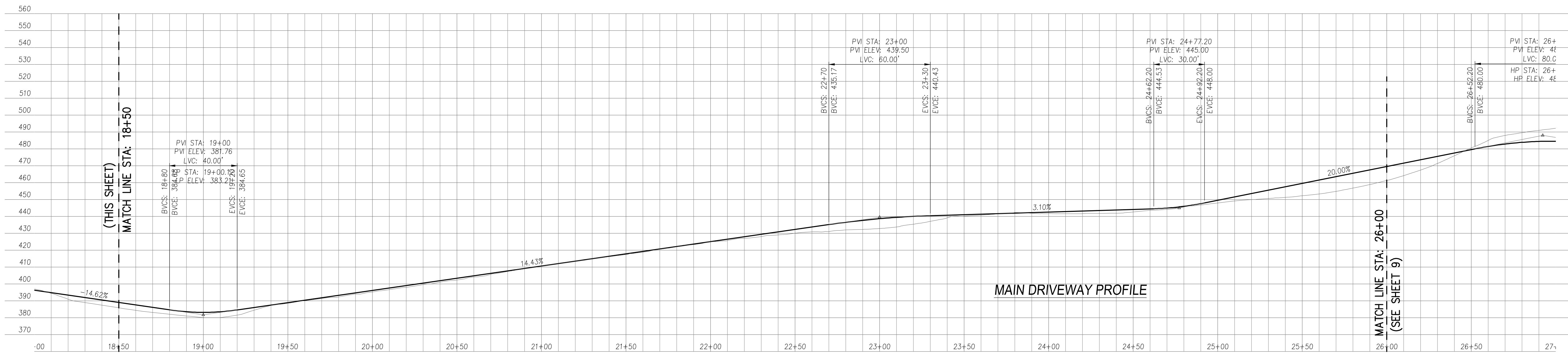
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<b>ENGINEERING</b> 598 E Santa Clara St #270 San Jose, CA 95128 Phone: (408) 866-7187	
ADU GRADING PLAN 1795 HAYES LANE APN 779-46-007	Project No.: SAN MARTIN CALIFORNIA Designed: PT Checked: NC Date: 11/11/24
SHEET <b>6</b>	
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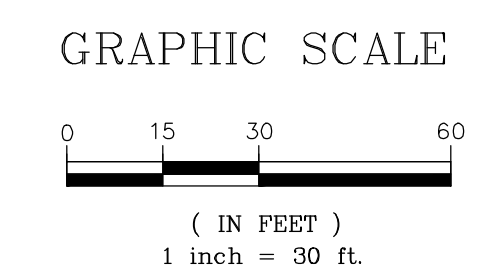
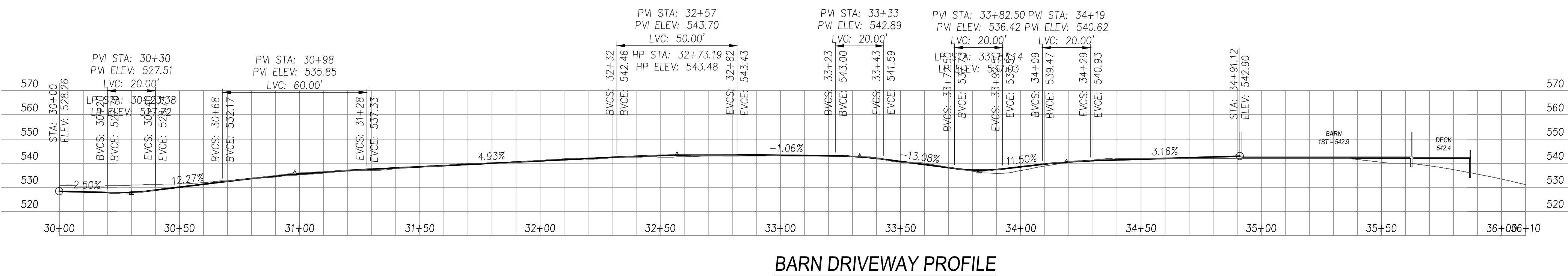
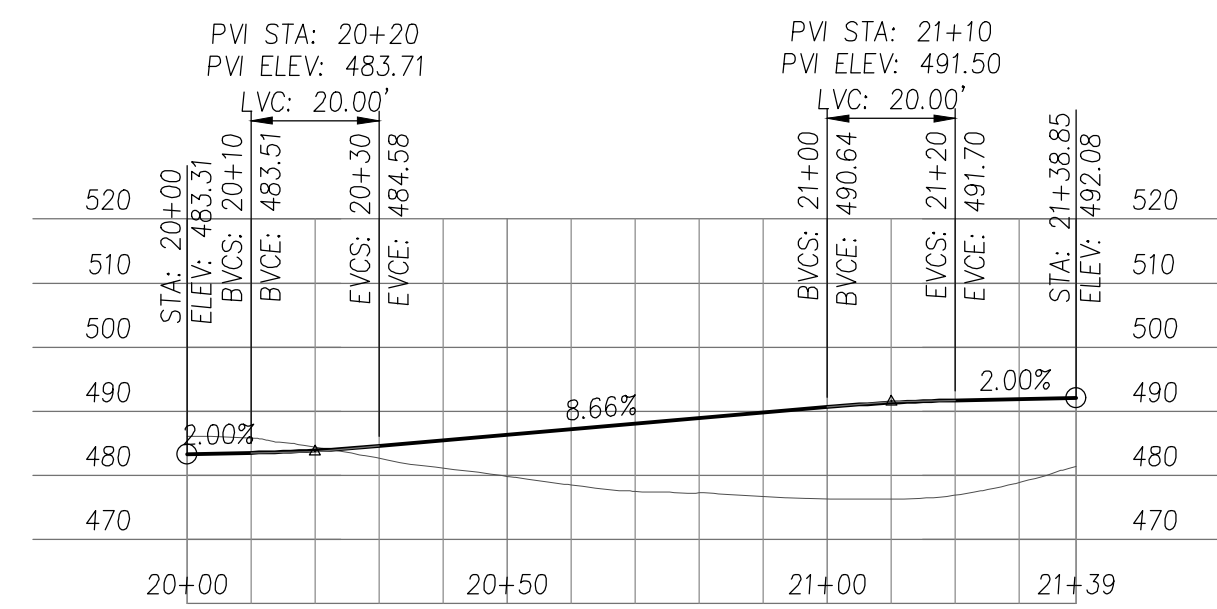
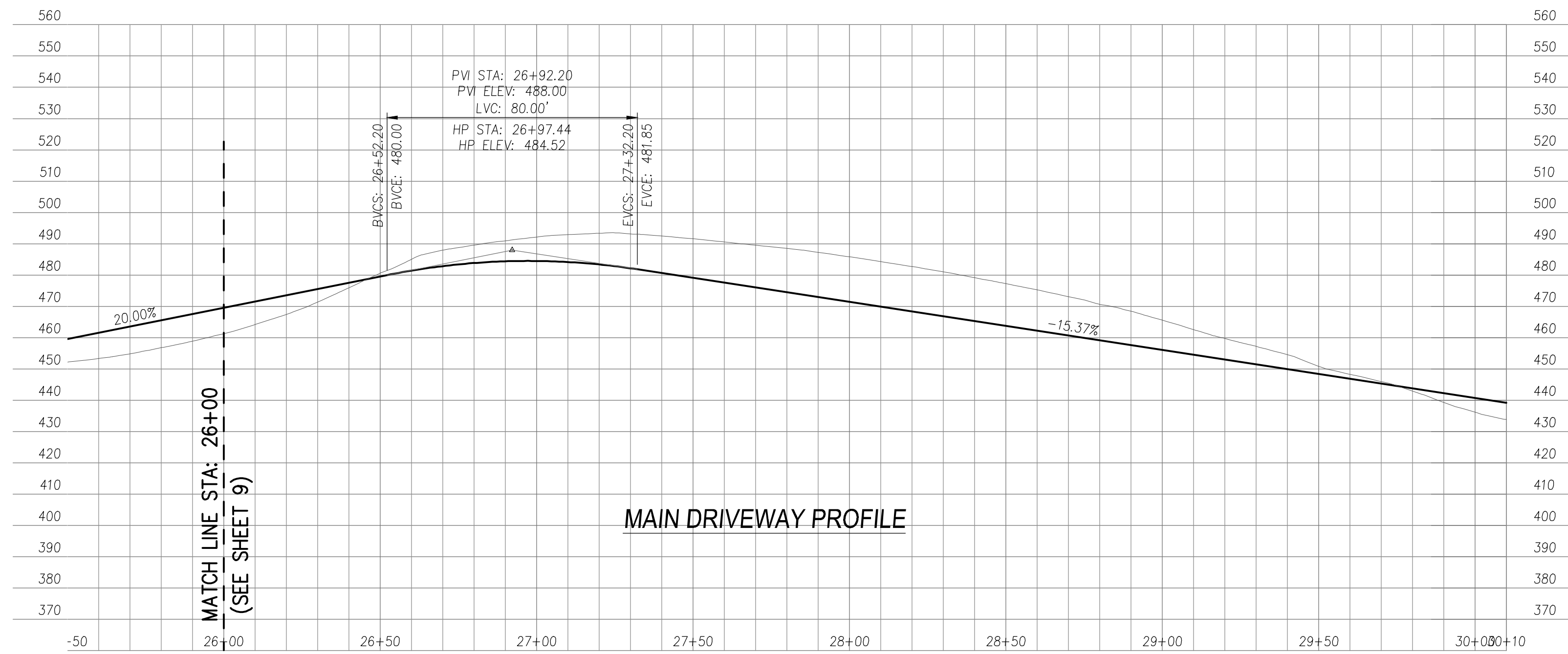


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<b>ENGINEERING</b> 586 E Santa Clara St #270 San Jose, CA 95131 Phone: (408) 866-7187	SHEET <b>7</b>
<b>BARN GRADING PLAN</b> 1795 HAYES LANE APN 779-46-007	FILE #
SAN MARTIN CALIFORNIA Project No.: _____ Designed: PT Checked: NC Date: 11/11/24	

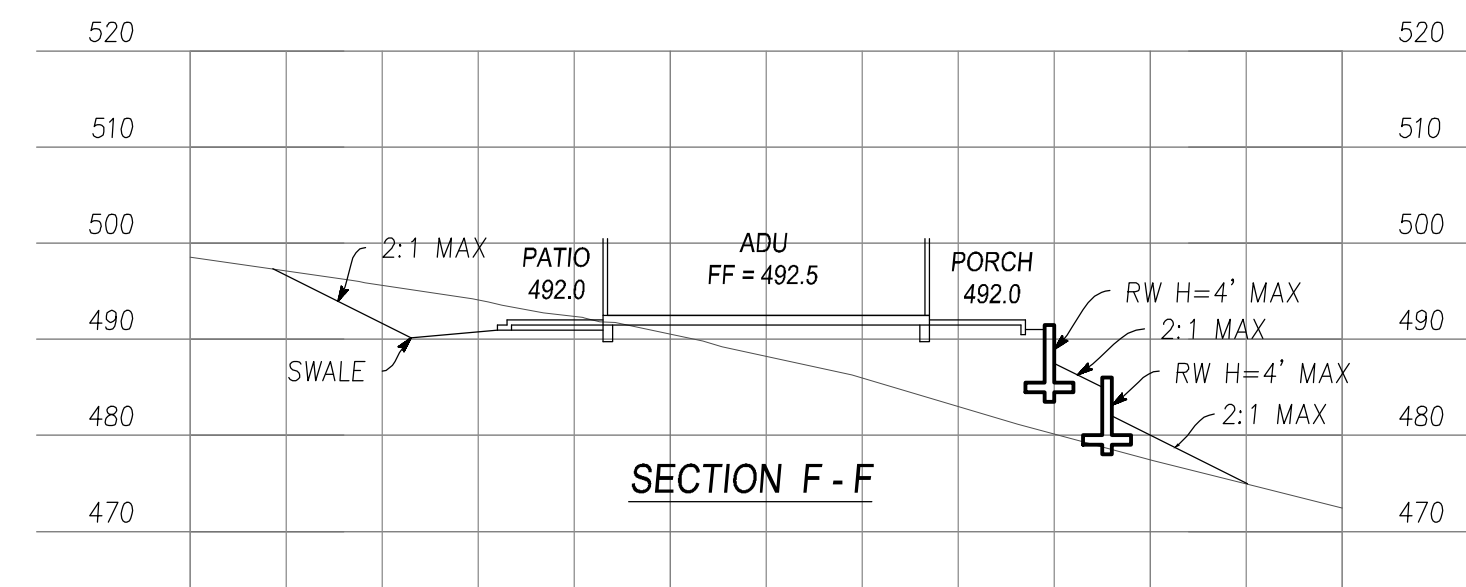
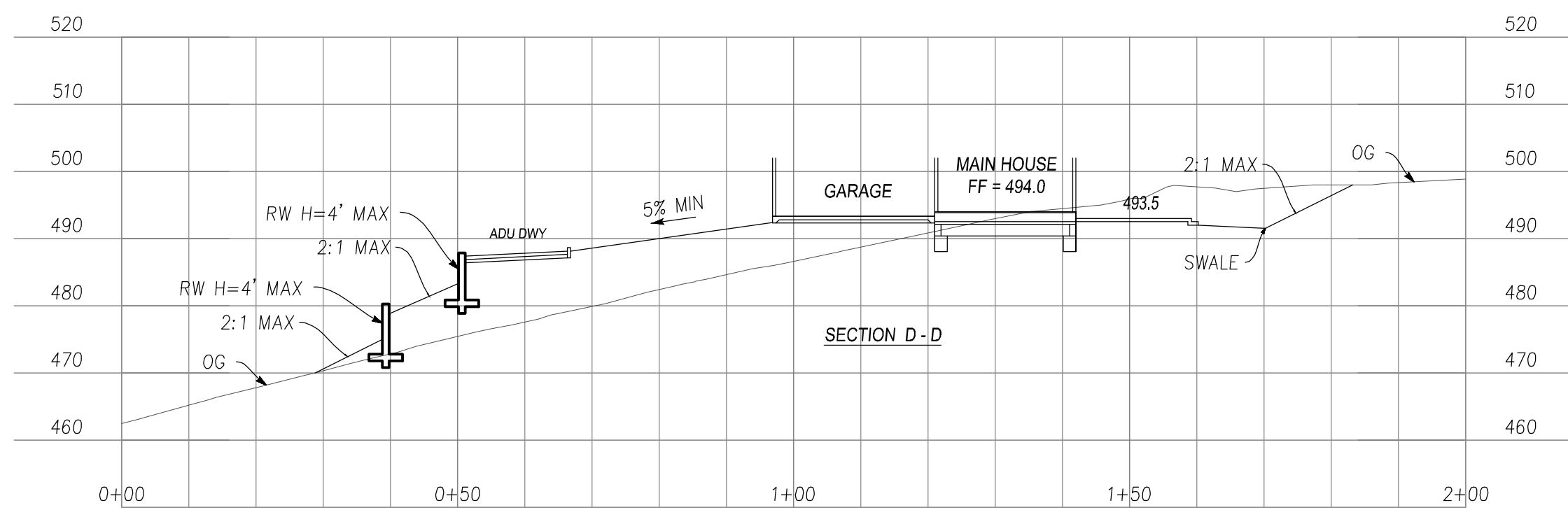
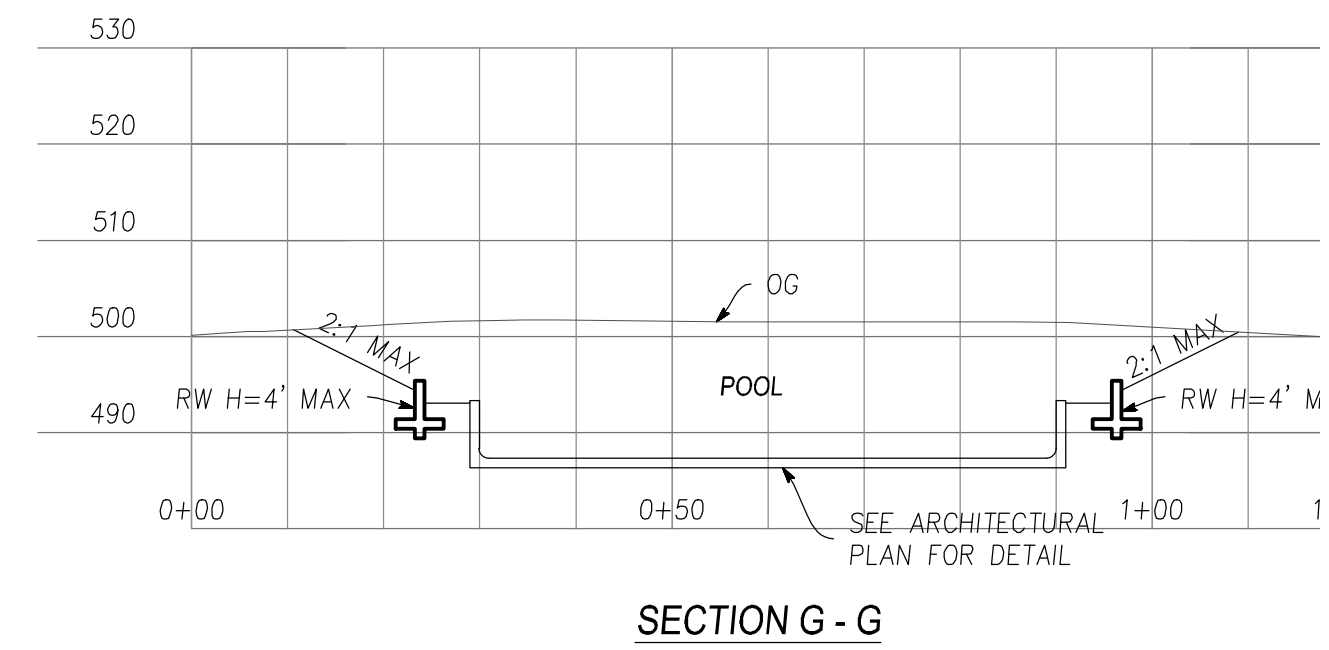
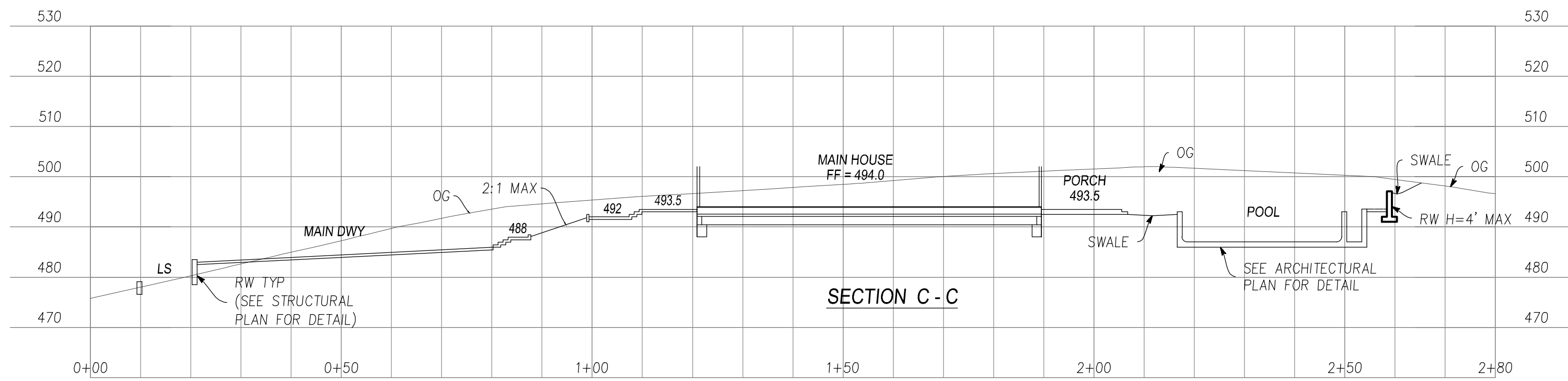
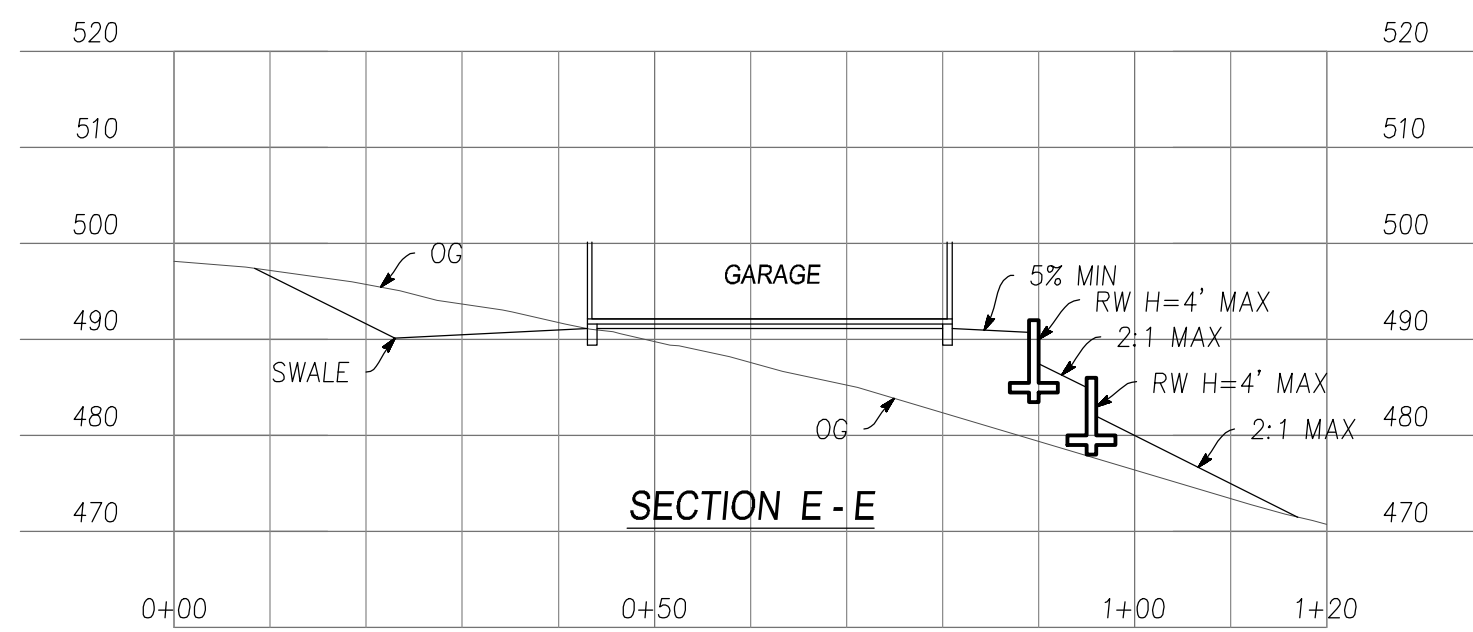
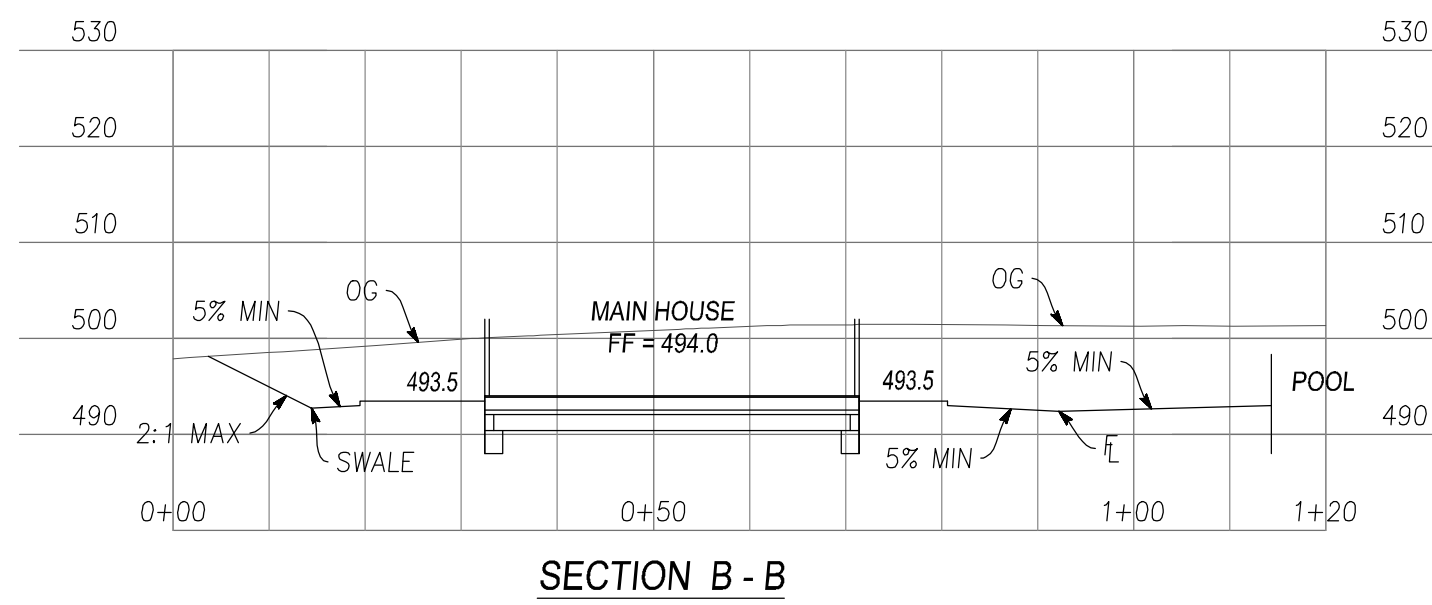
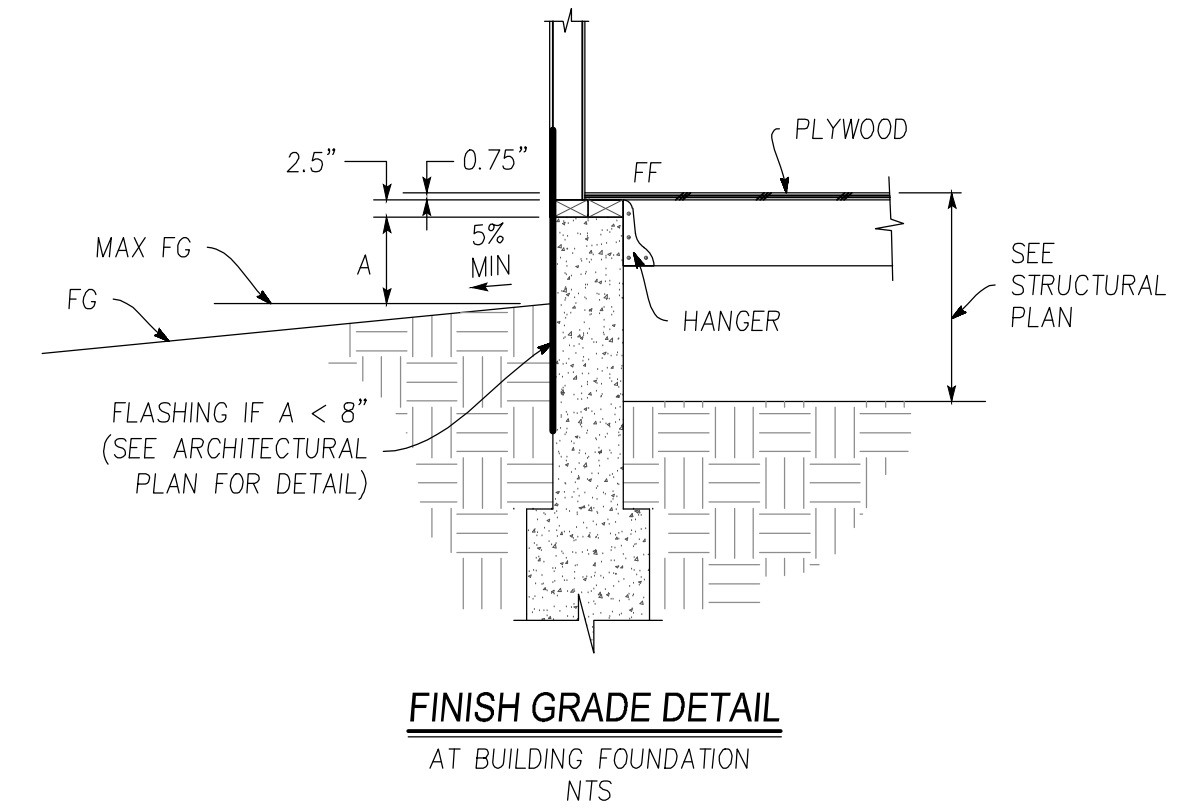
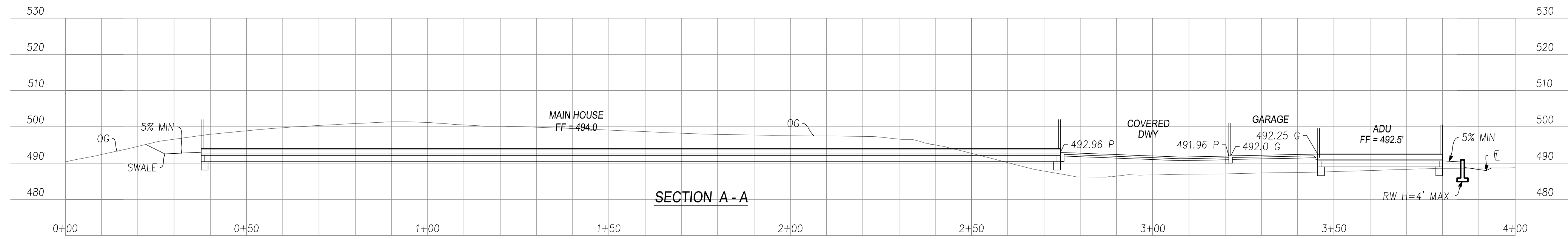


<p><b>DRIVEWAY PROFILE 1</b> 1795 HAYES LANE APN 779-46-007</p> <p>Project No.: SAN MARTIN Designed: PT Checked: NC Date: 11/11/24</p>	<p style="text-align: center;"><b>ENGINEERING</b></p> <p style="text-align: center;">588 E Santa Clara Street San Jose, CA 95128 Phone: (408) 666-7187</p>															
<p><b>THOMAS KAIS</b> 7673 BRAID COURT, GILROY TEL: (408) 375-7145 EMAIL: TK_MKS@YAHOO.COM</p>																
<p>SHEET <b>8</b></p>	<p>FILE #</p>															
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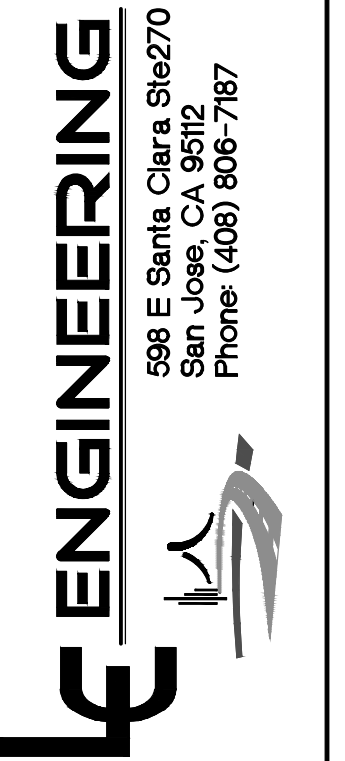
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SAN MARTIN		PT		NC		11/11/24	
<p><b>DRIVEWAY PROFILE 2</b> 1795 HAYES LANE APN 779-46-007</p>							
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<p>REGISTERED PROFESSIONAL ENGINEER No. 47518 STATE OF CALIFORNIA</p>							
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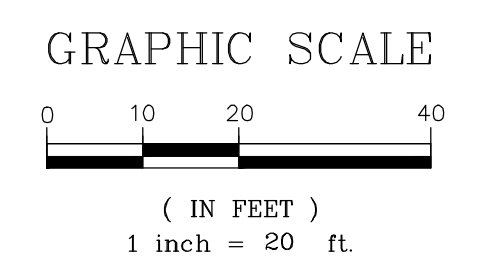


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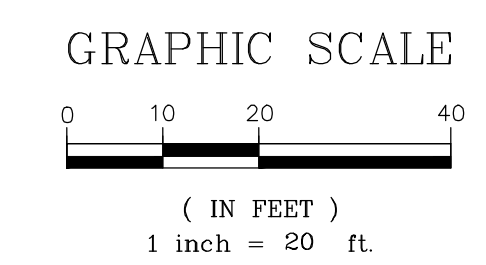
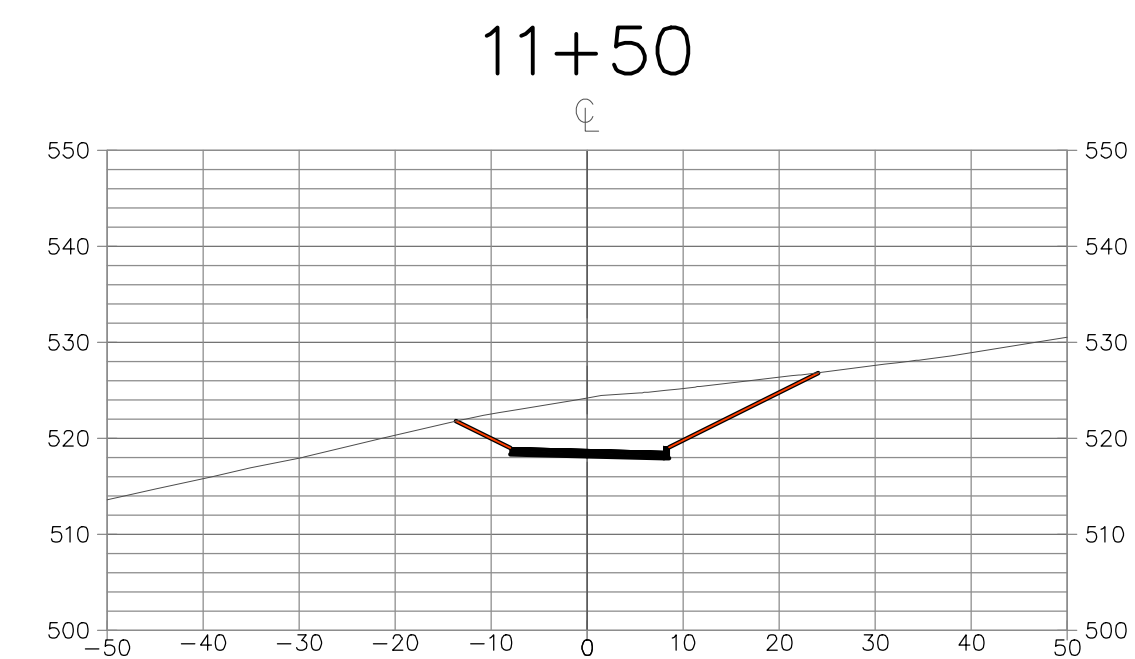
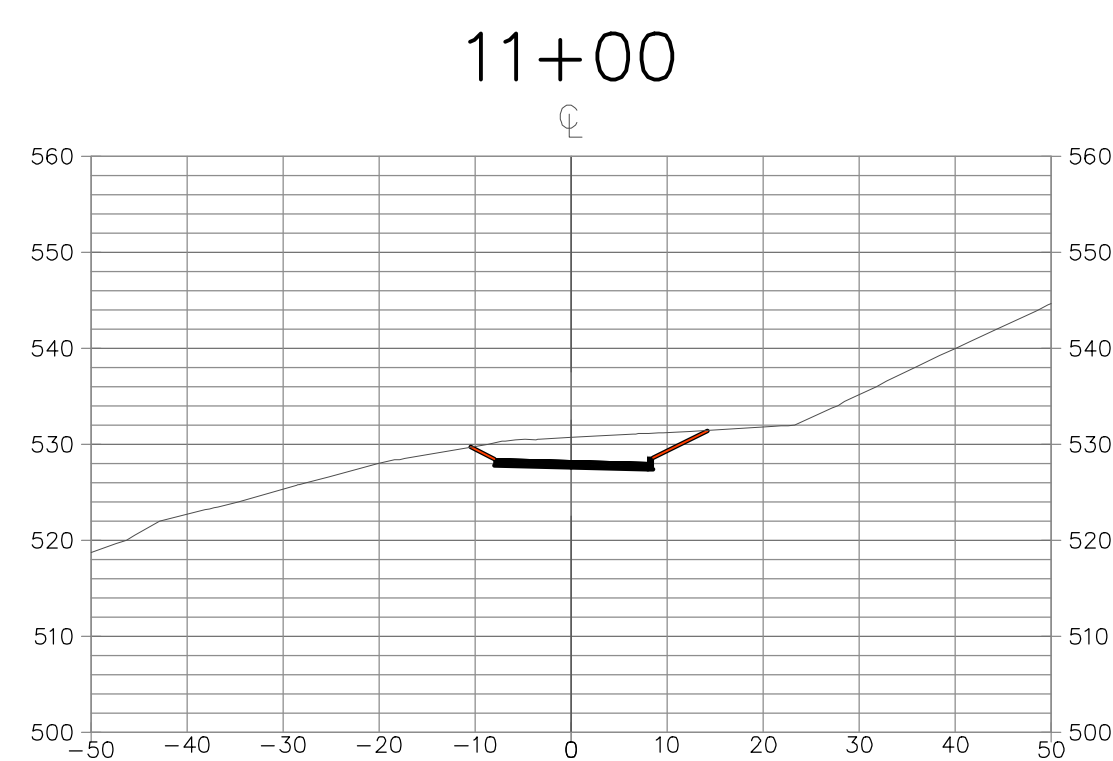
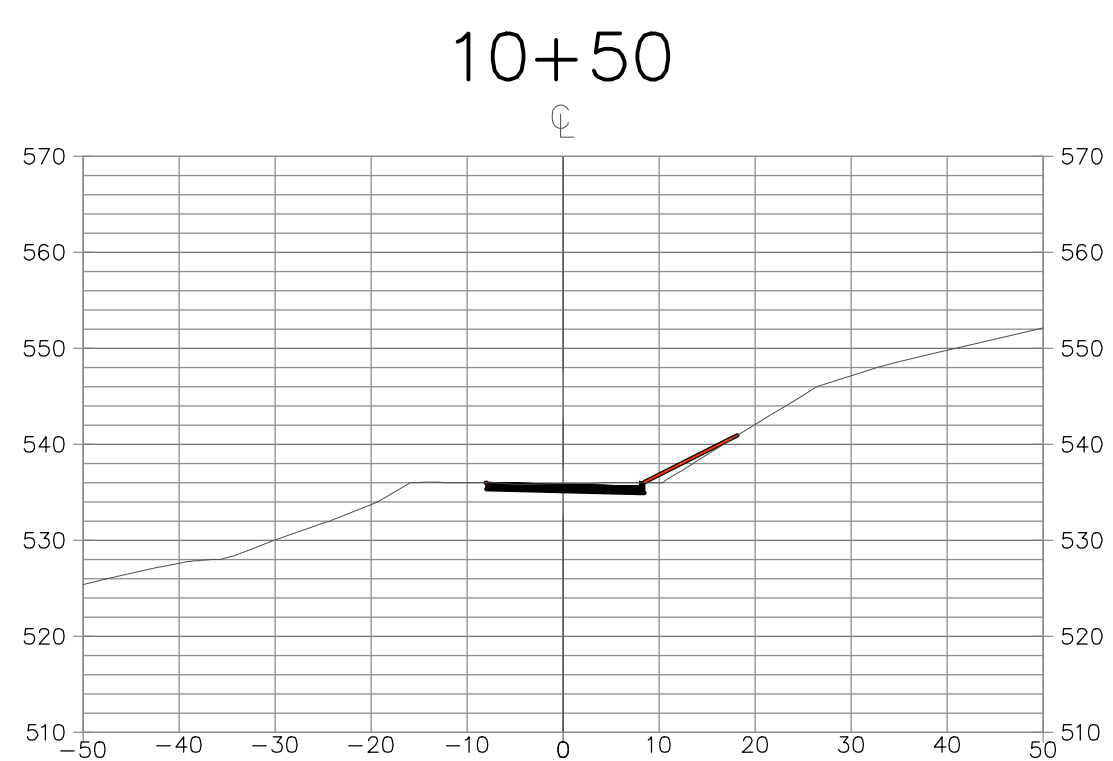
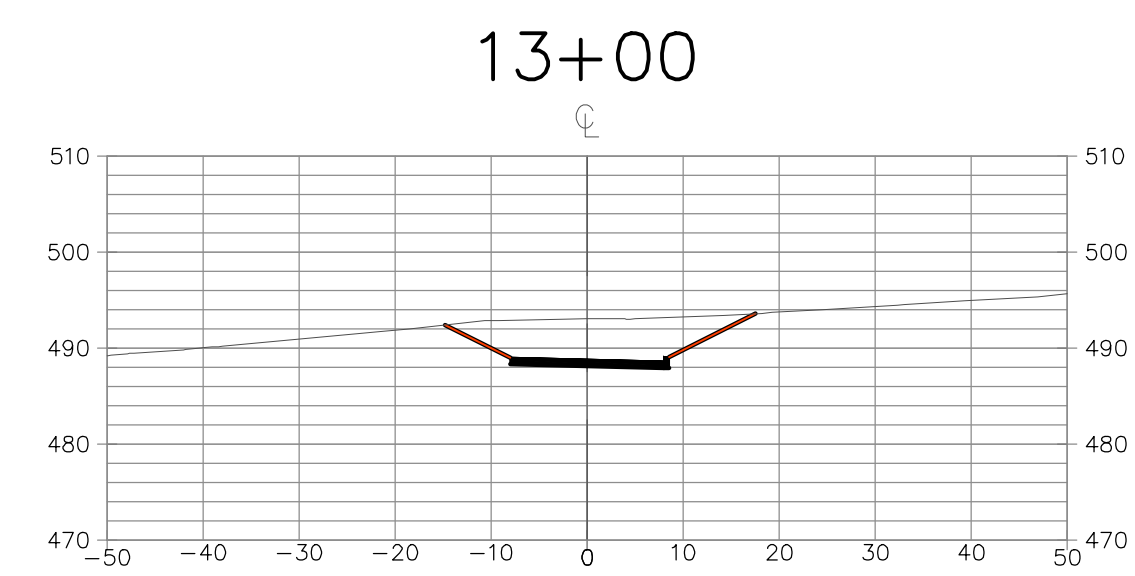
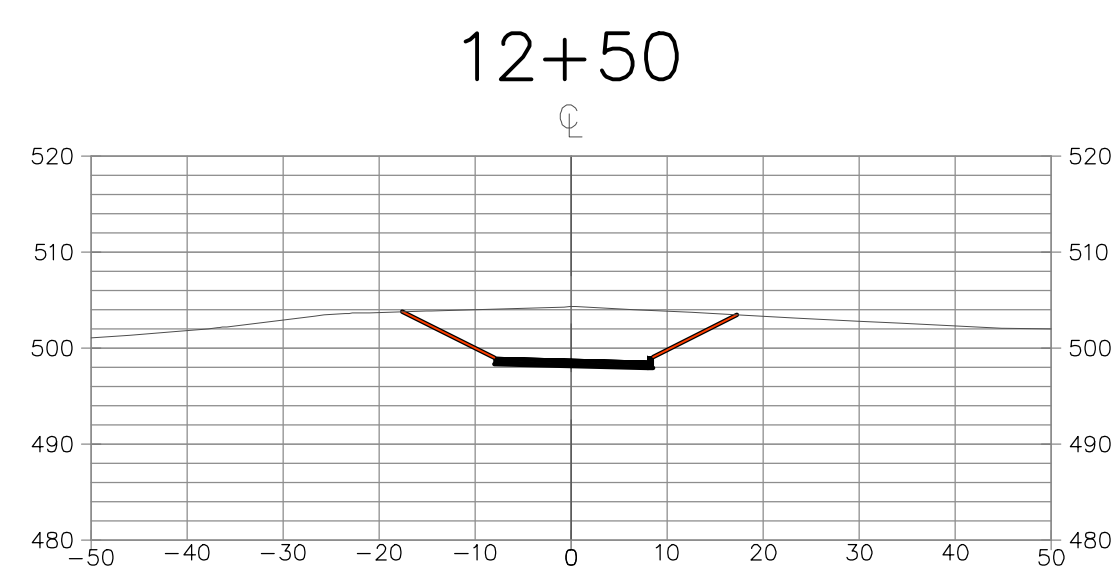
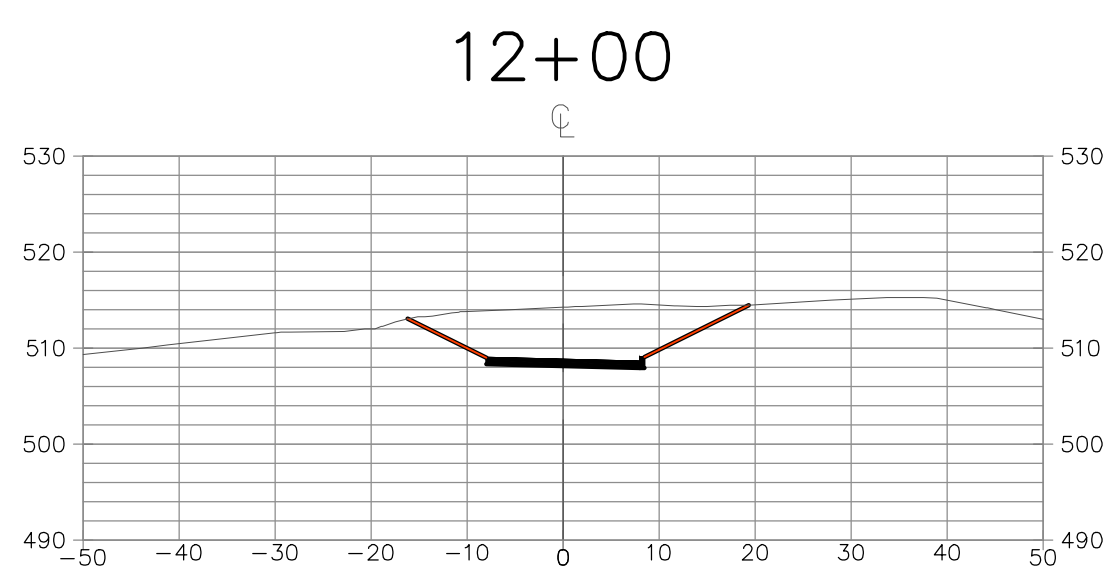
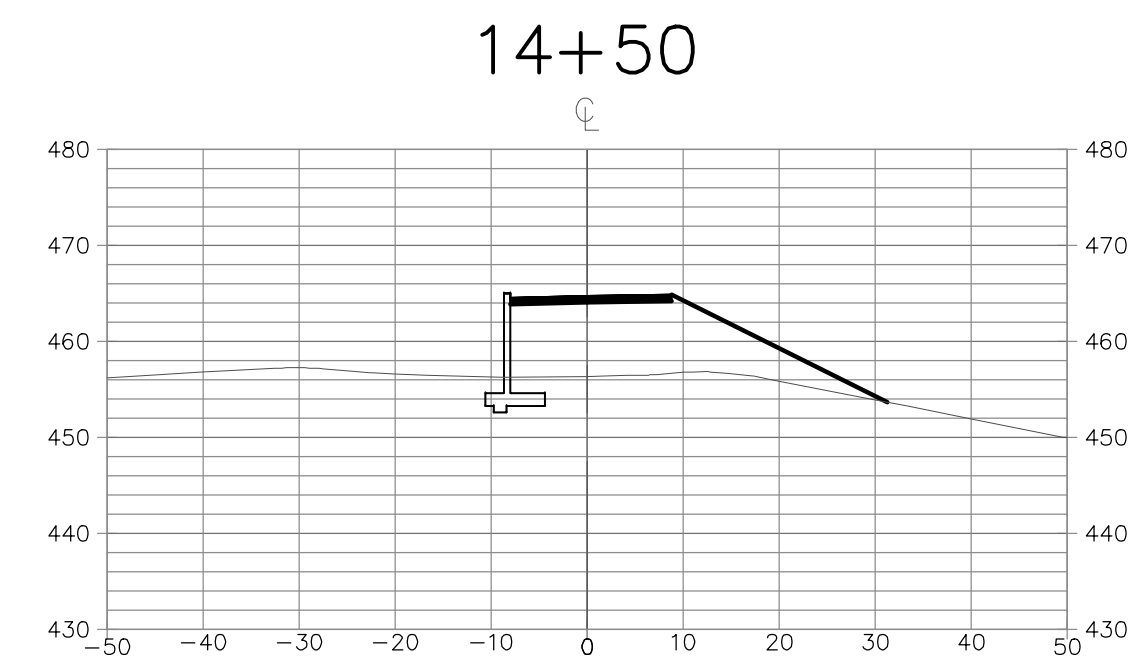
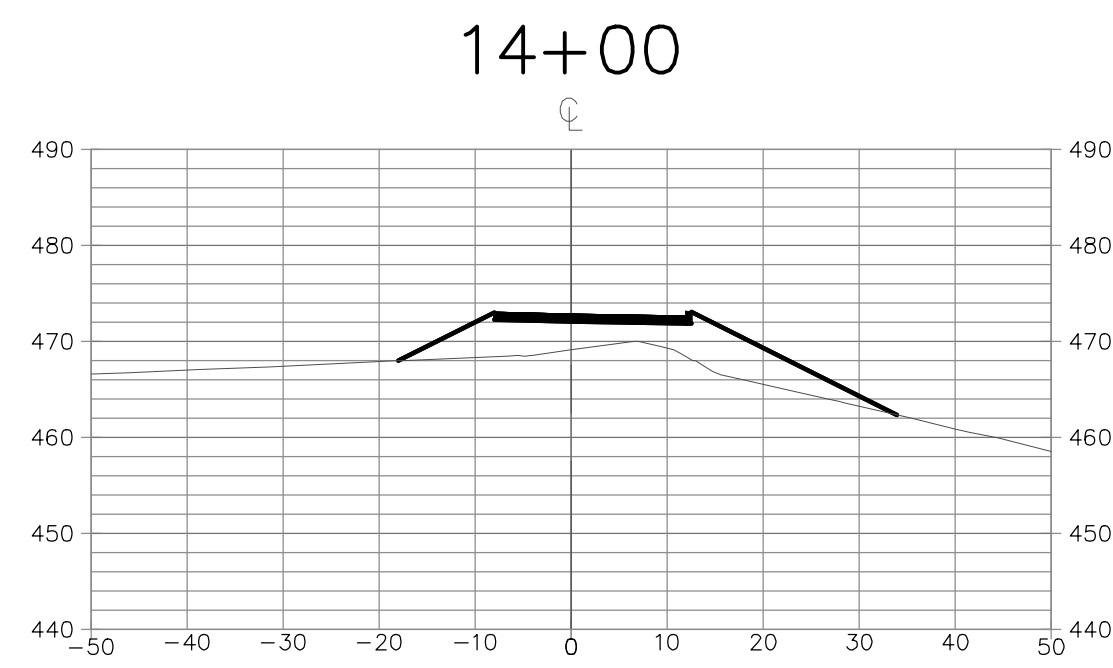
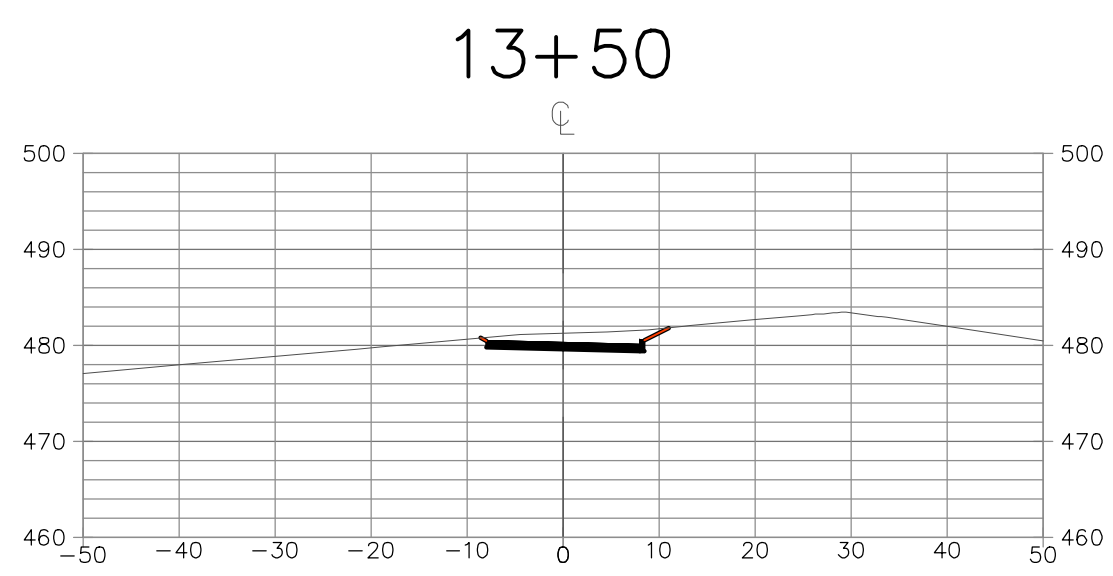
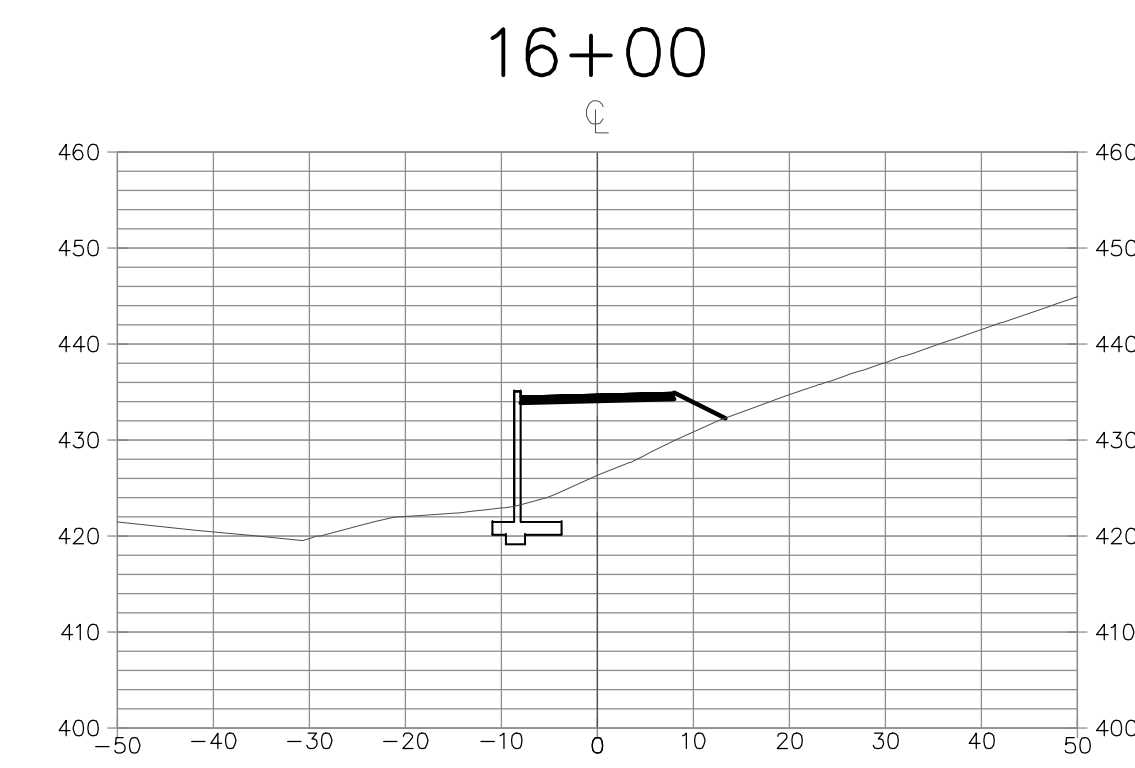
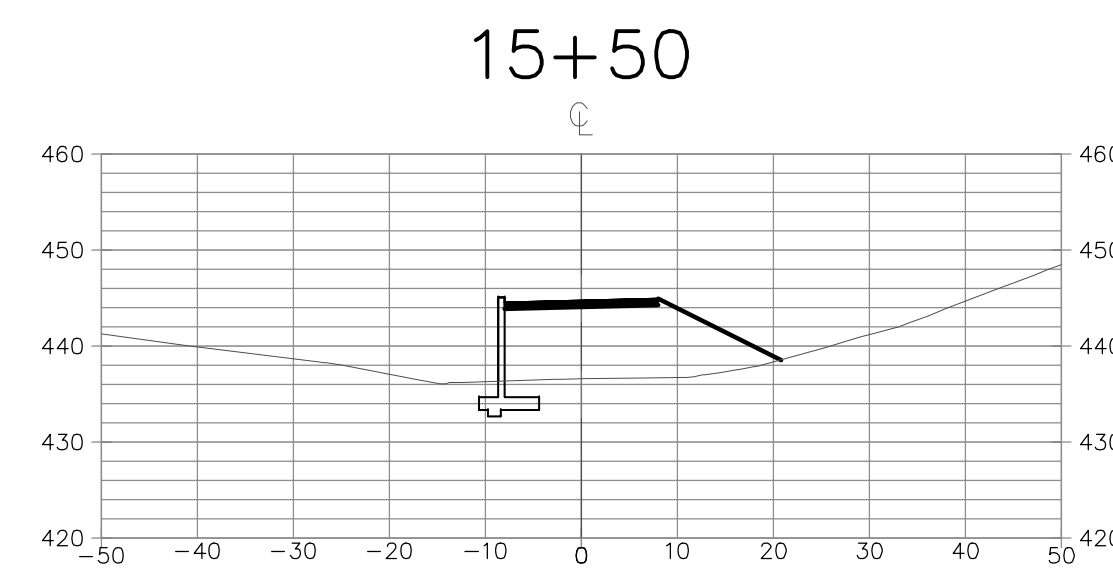
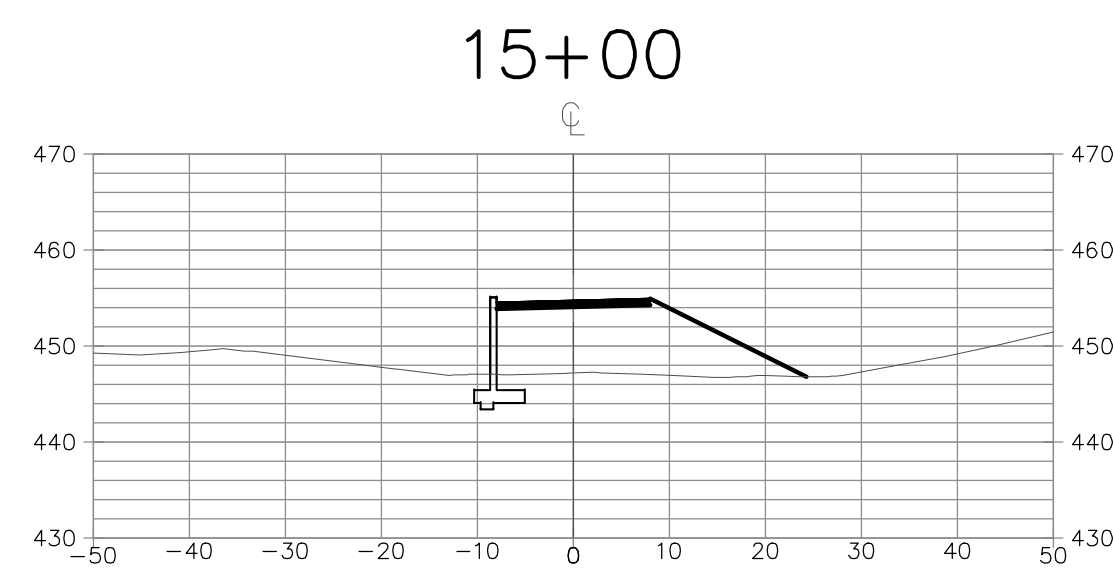


**BUILDING CROSS SECTIONS**  
 1795 HAYES LANE  
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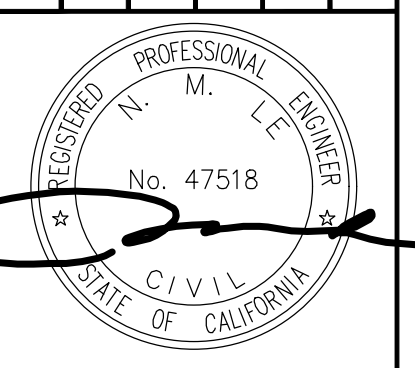
Project No.: SAN MARTIN  
 Designed: PT  
 Checked: NC  
 Date: 11/11/24



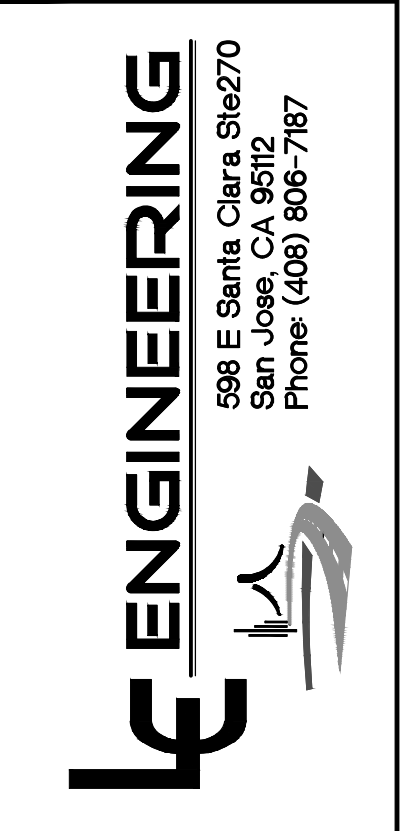
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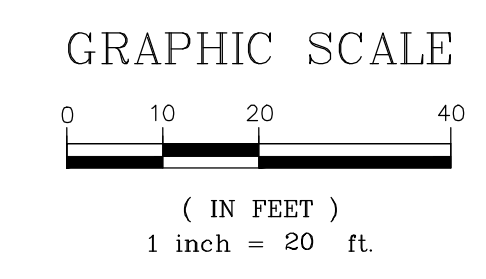
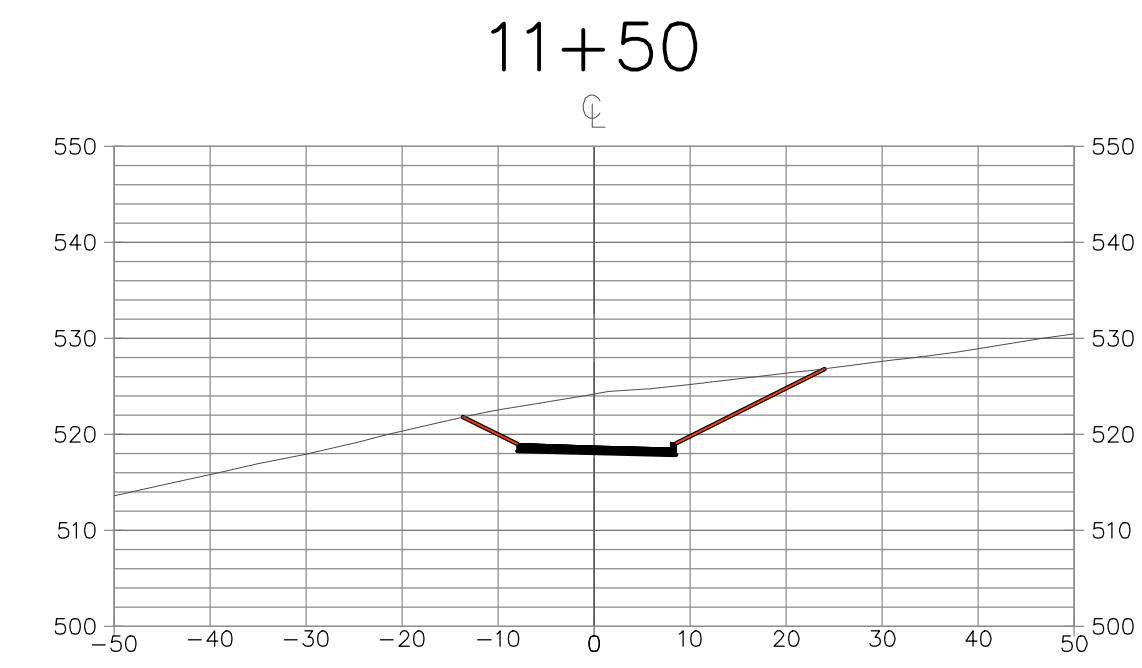
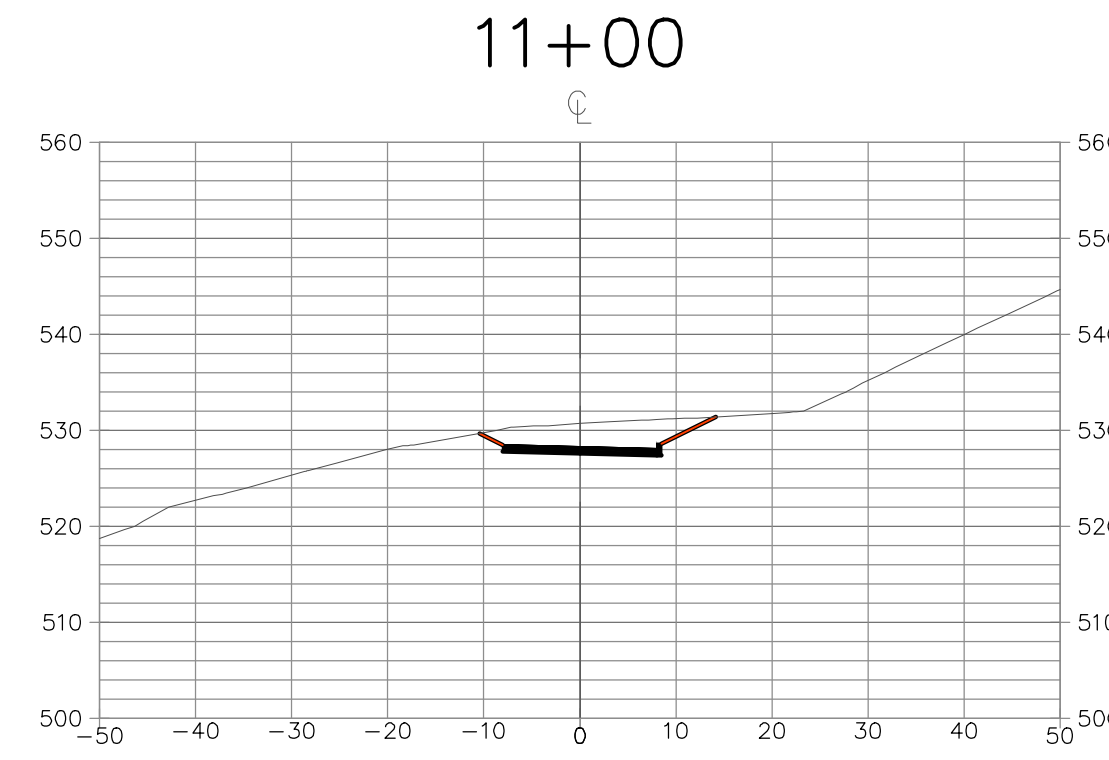
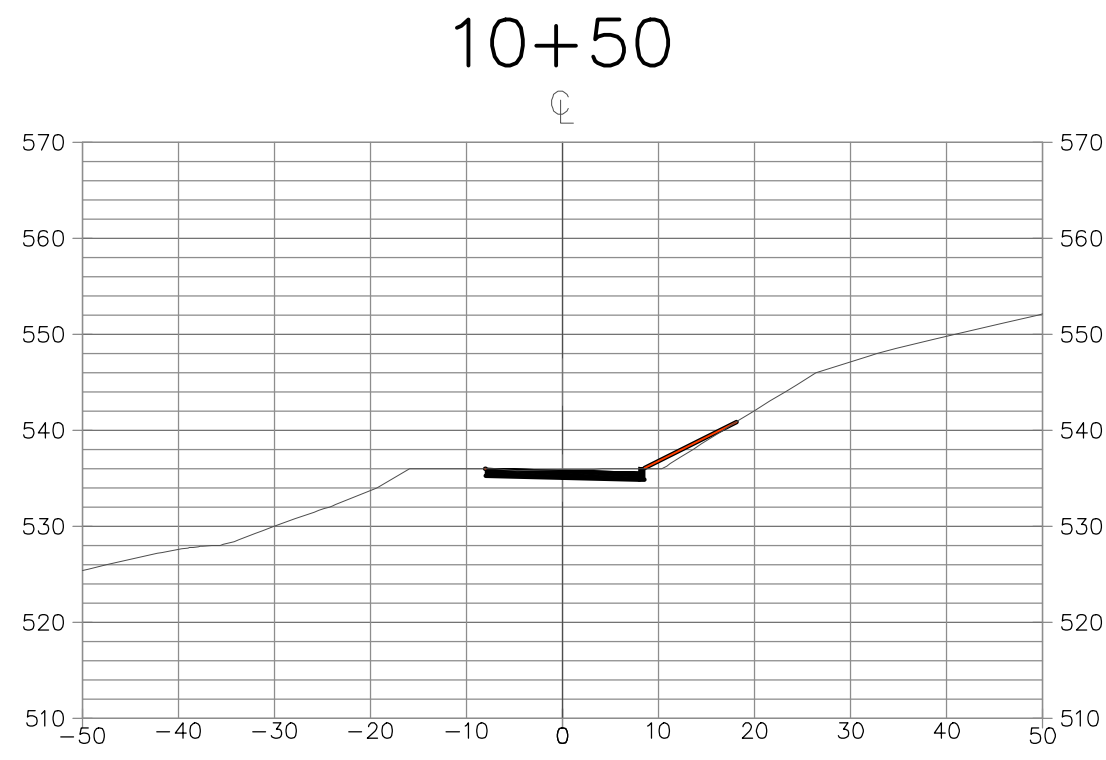
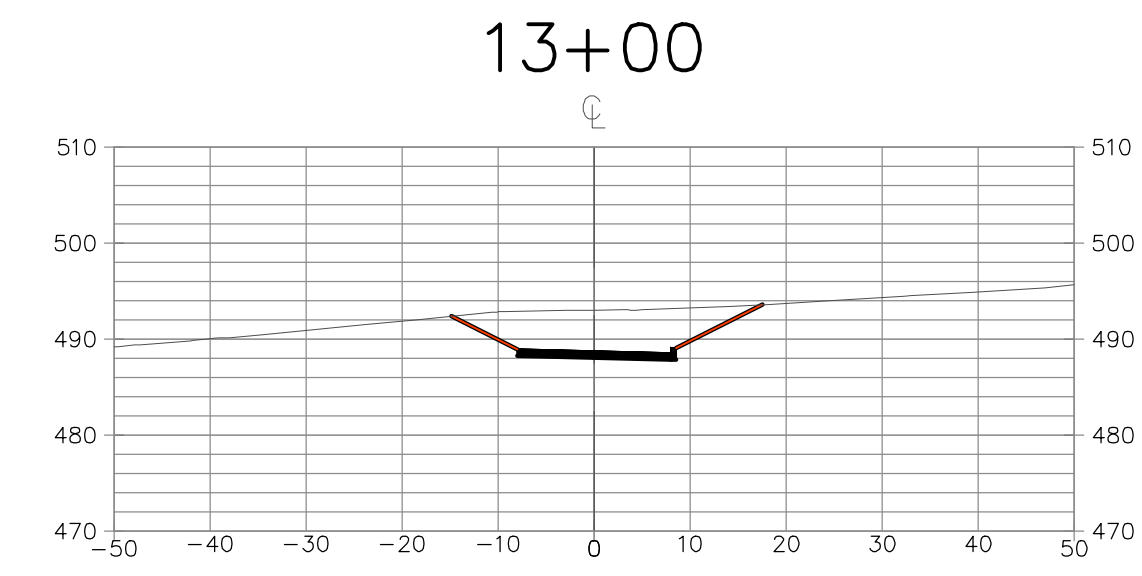
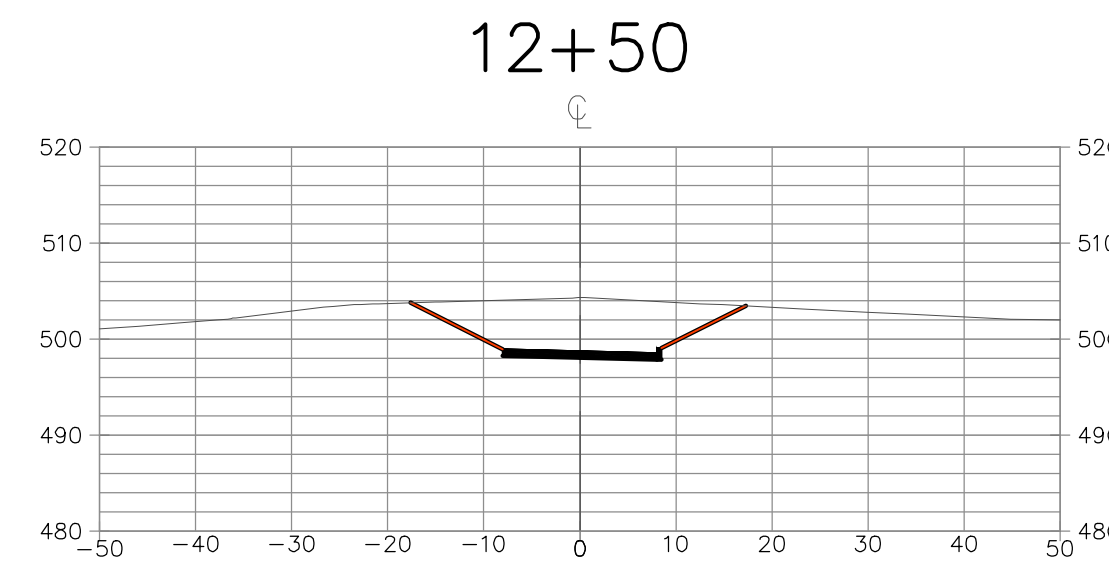
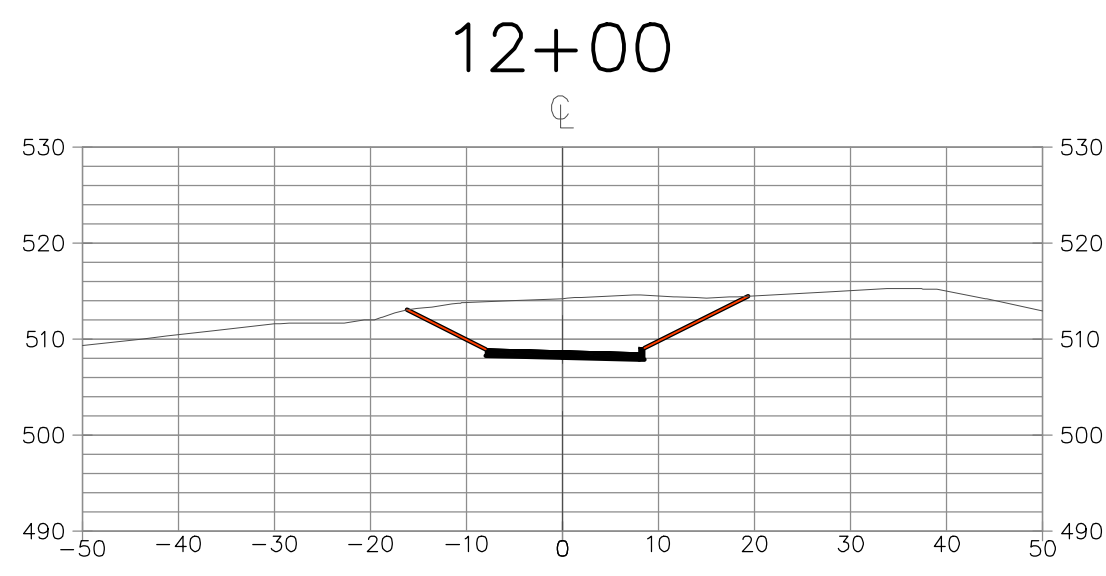
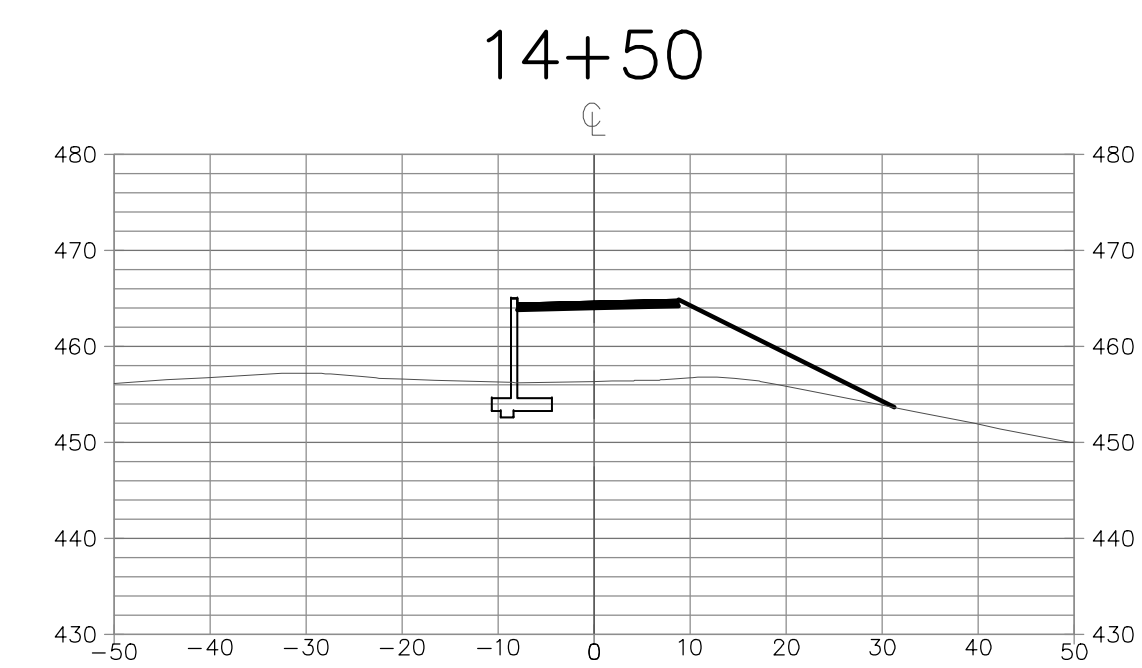
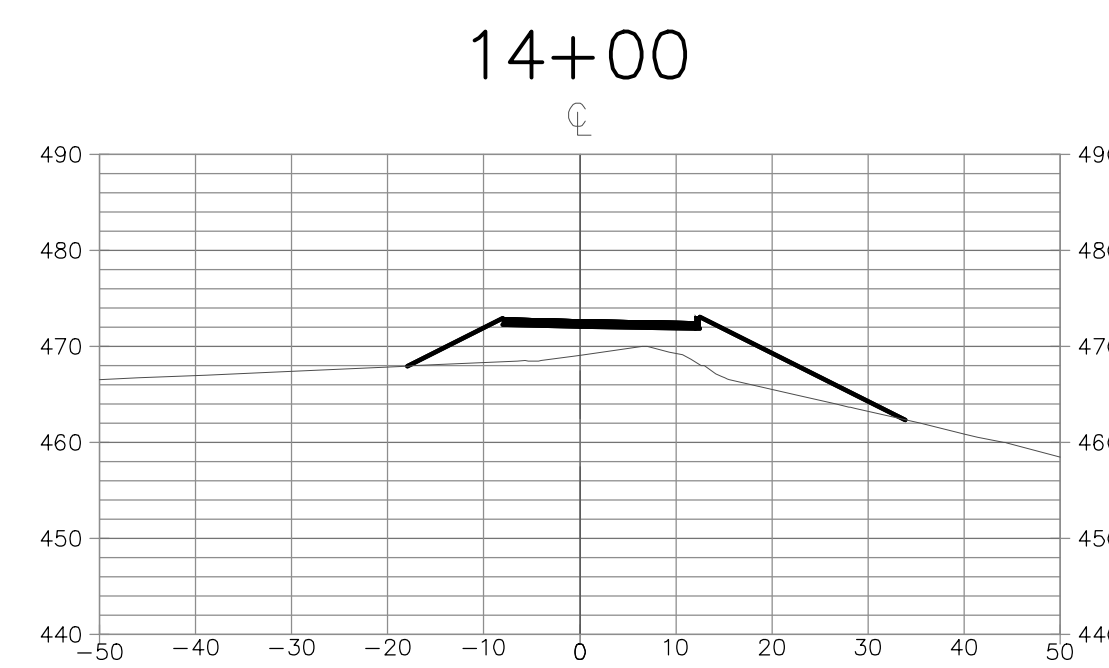
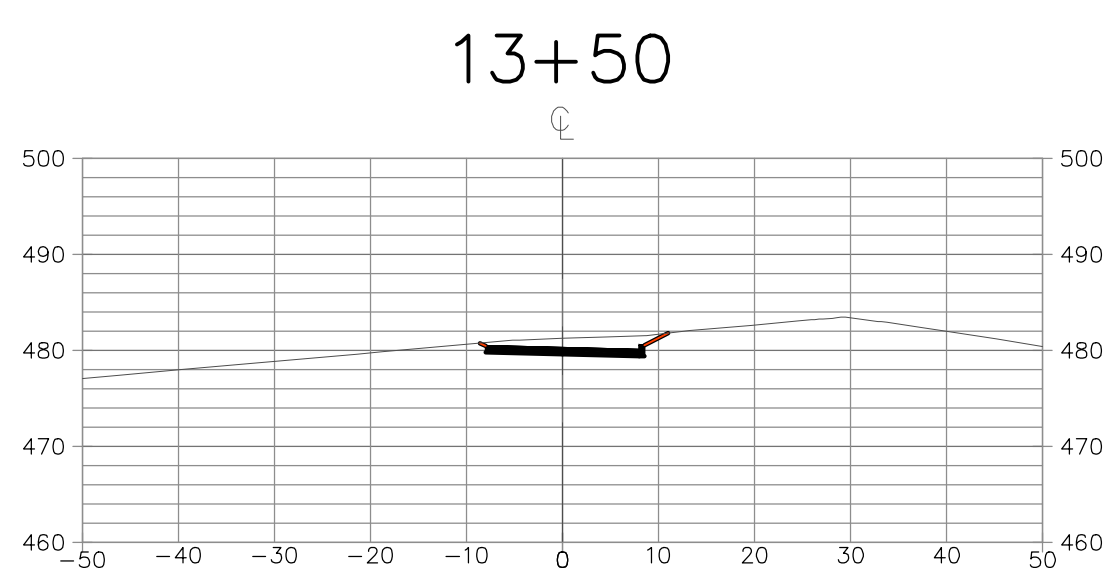
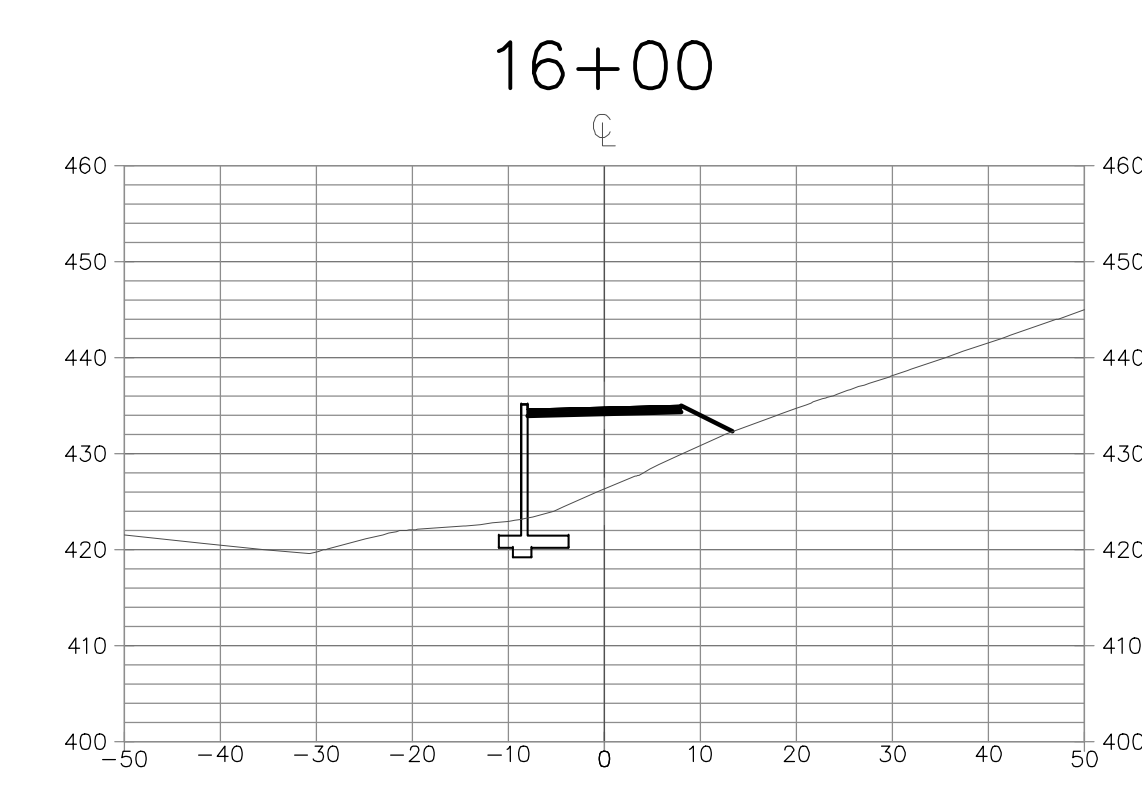
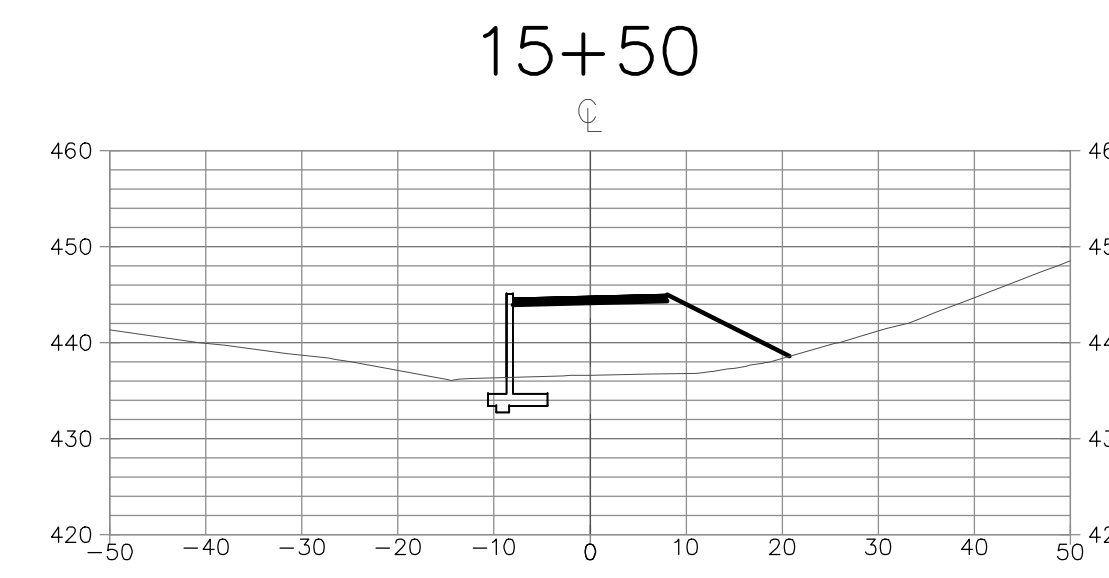
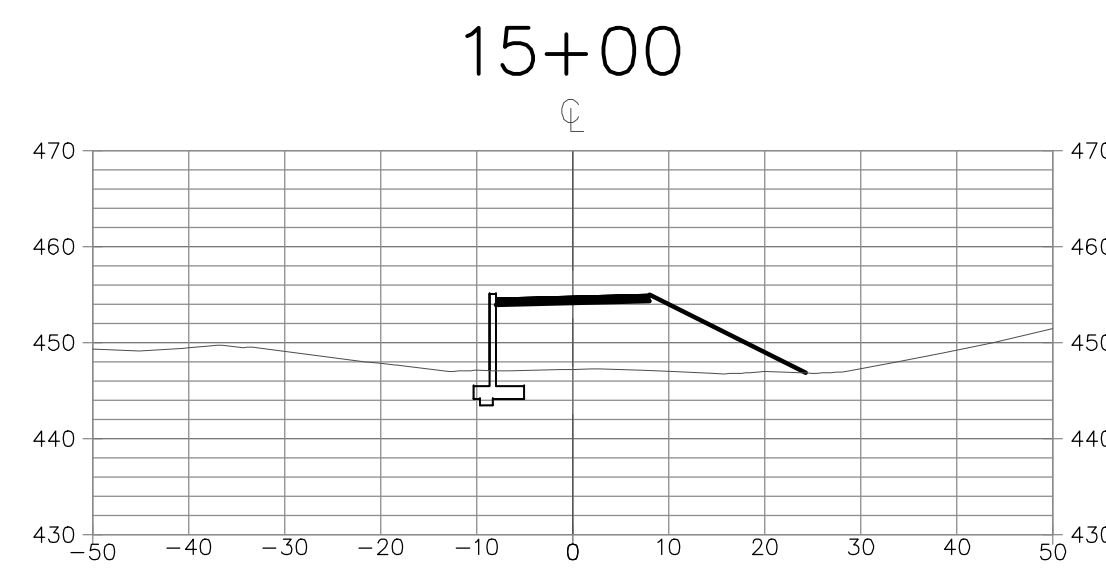


**MAIN DRIVEWAY SECTIONS**  
 1795 HAYES LANE  
 APN 779-46-007

Project No.: SAN MARTIN CALIFORNIA Date: 11/11/24  
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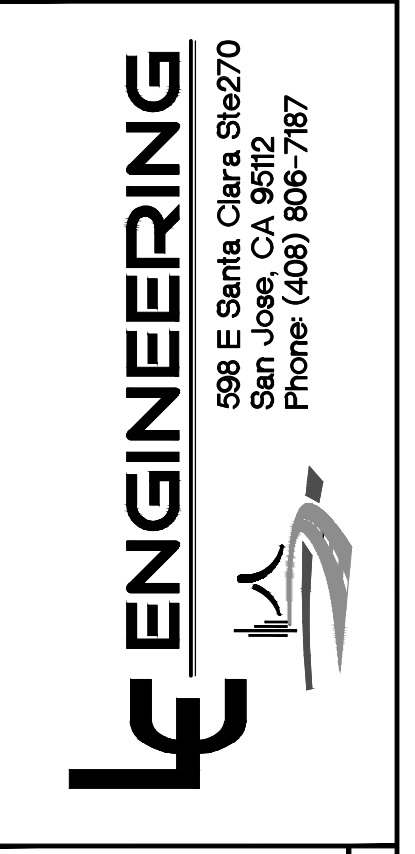
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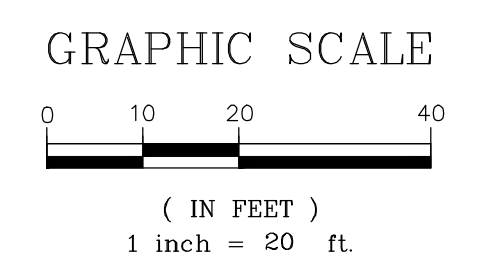
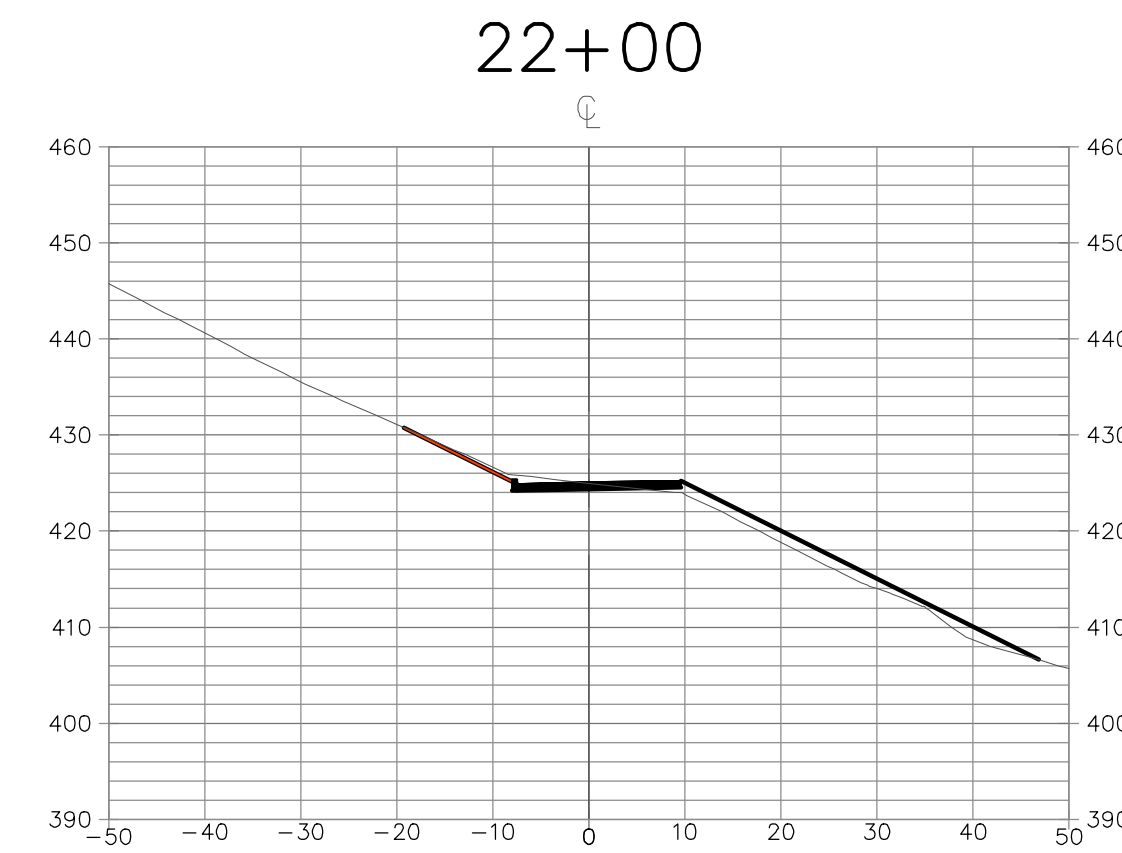
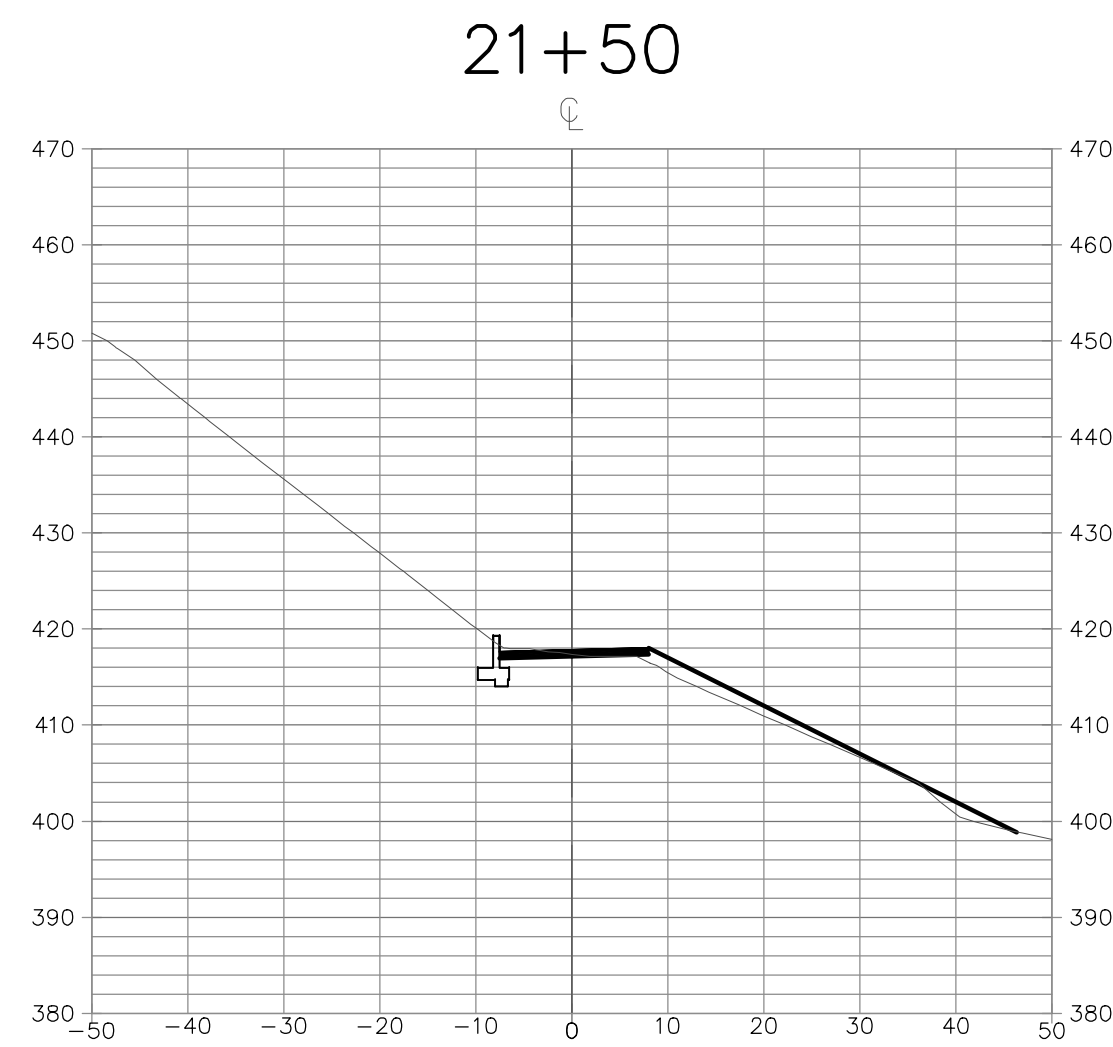
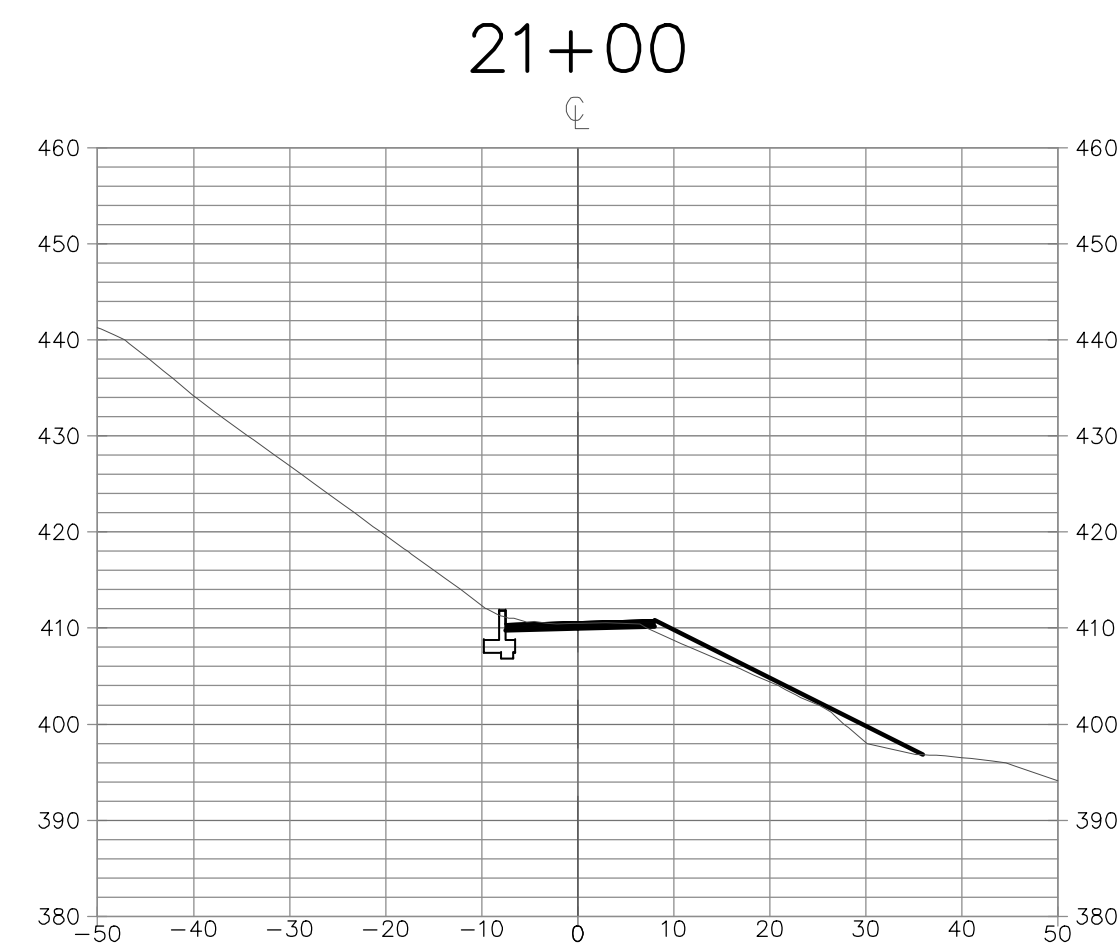
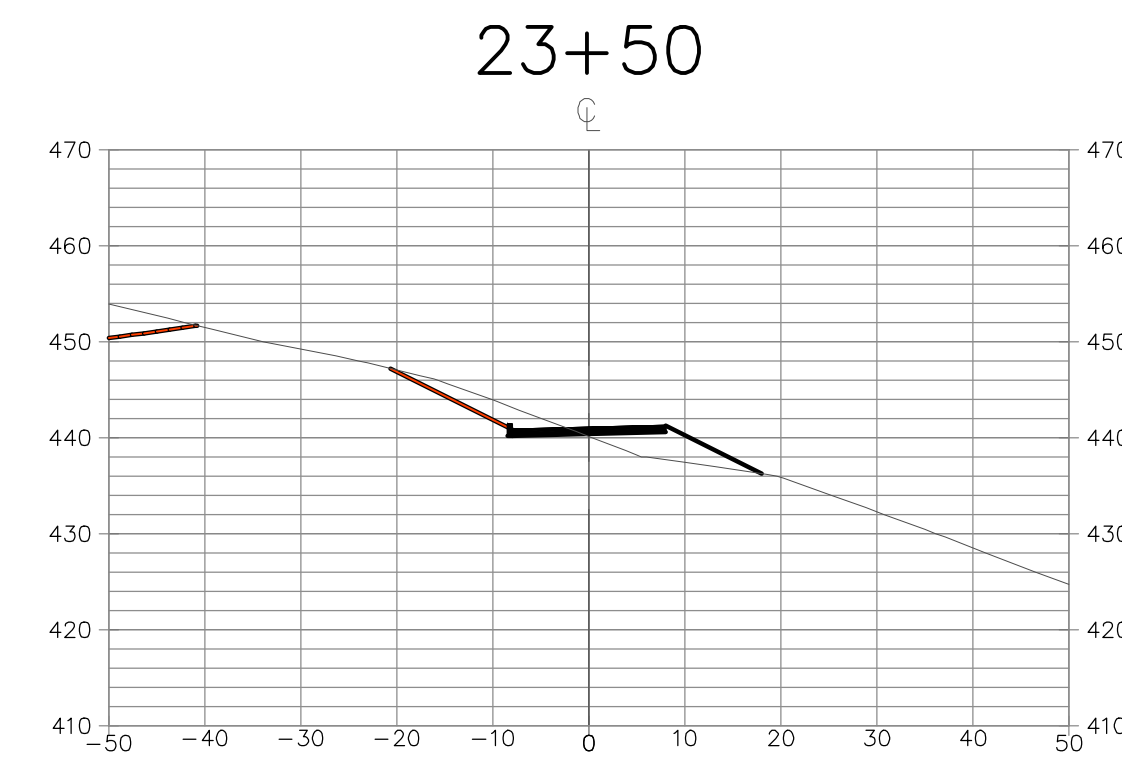
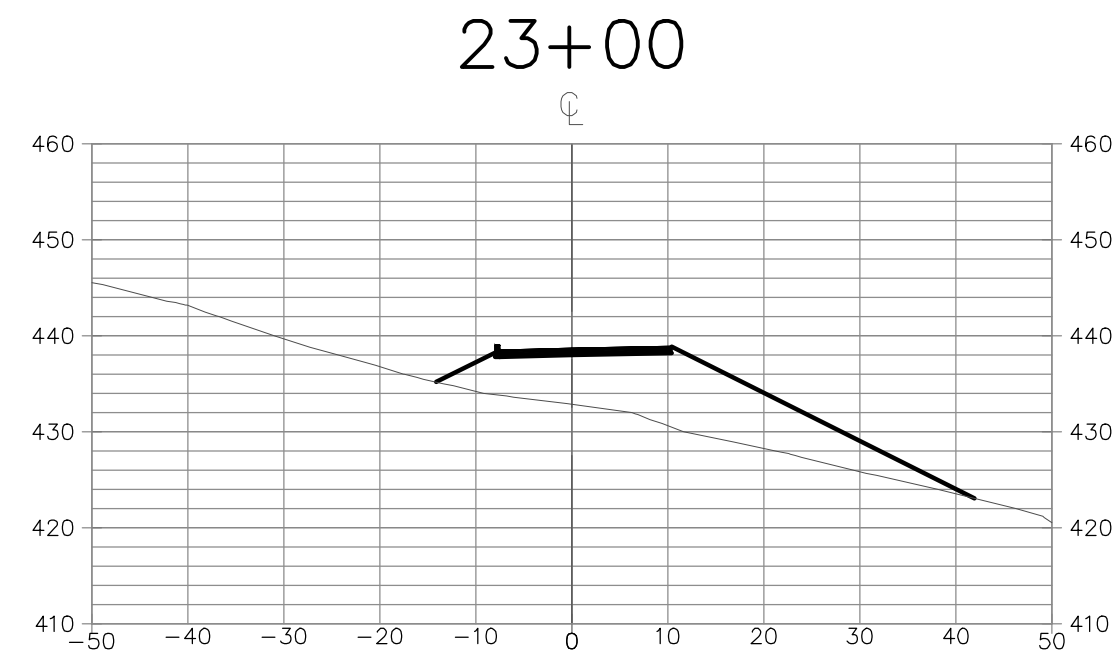
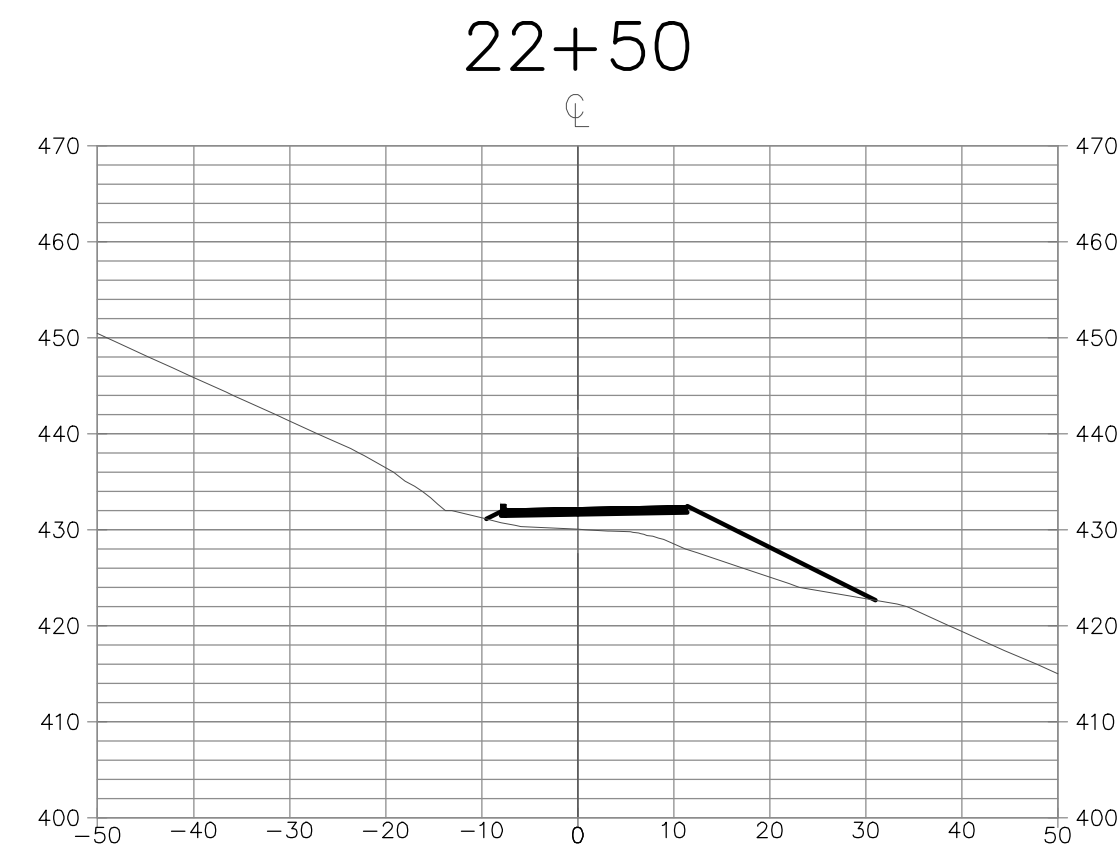
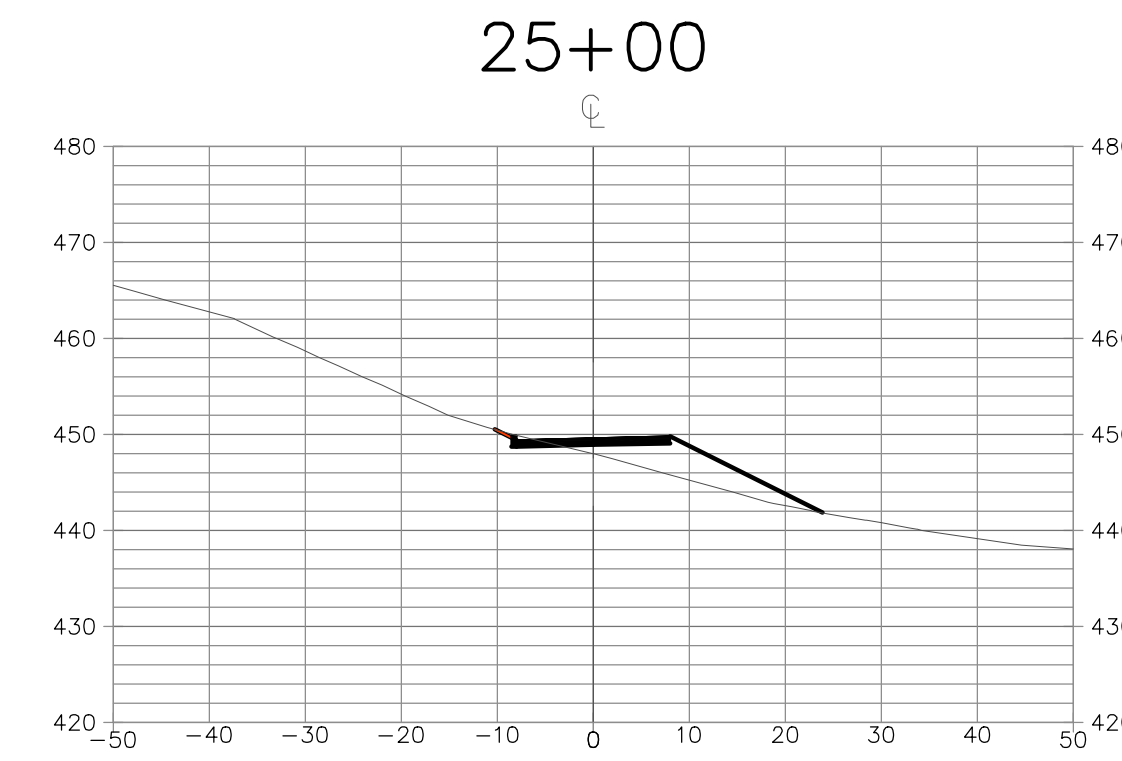
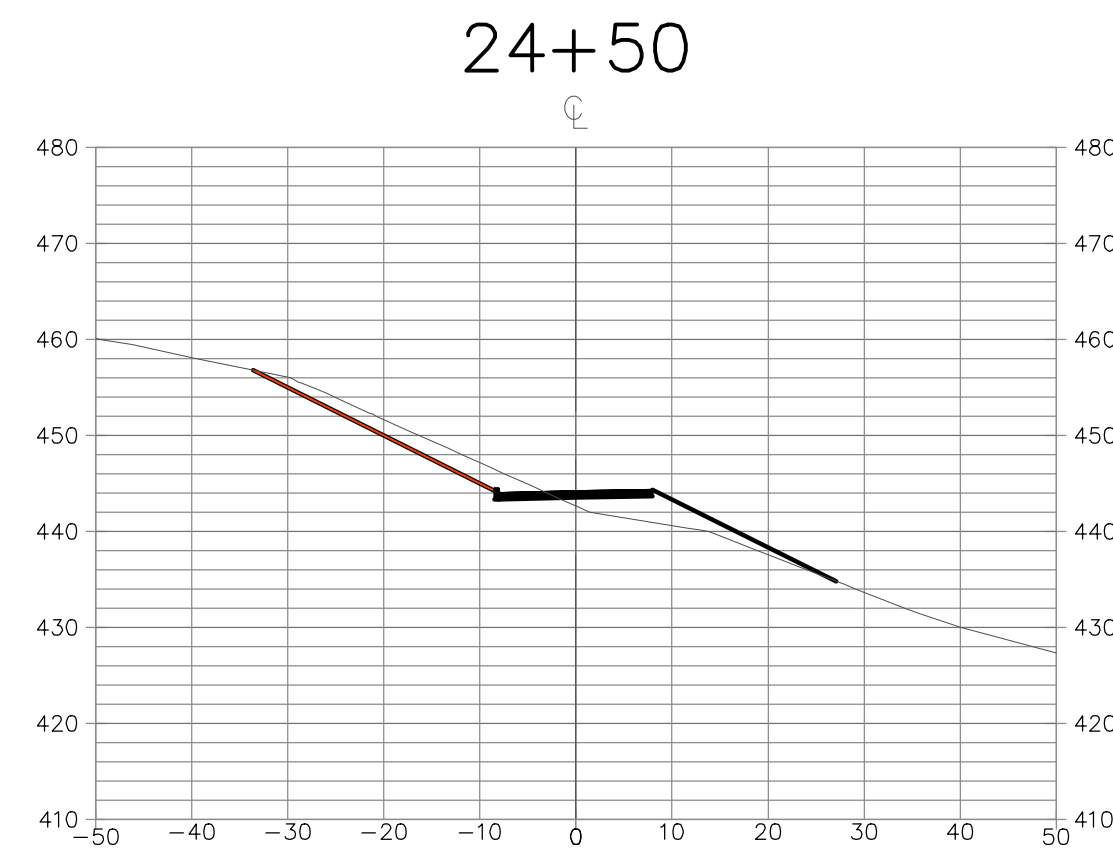
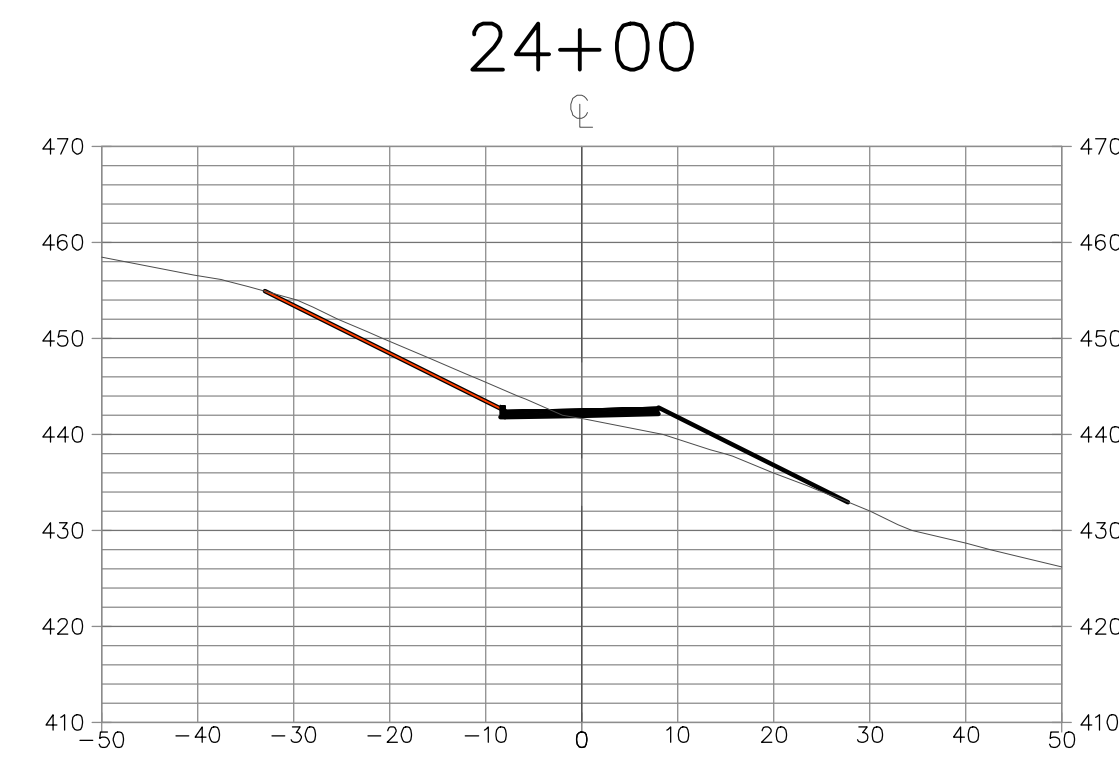
**THOMAS KAIS**  
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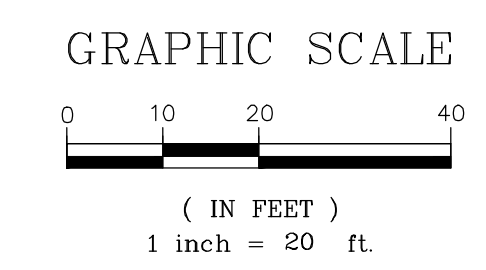
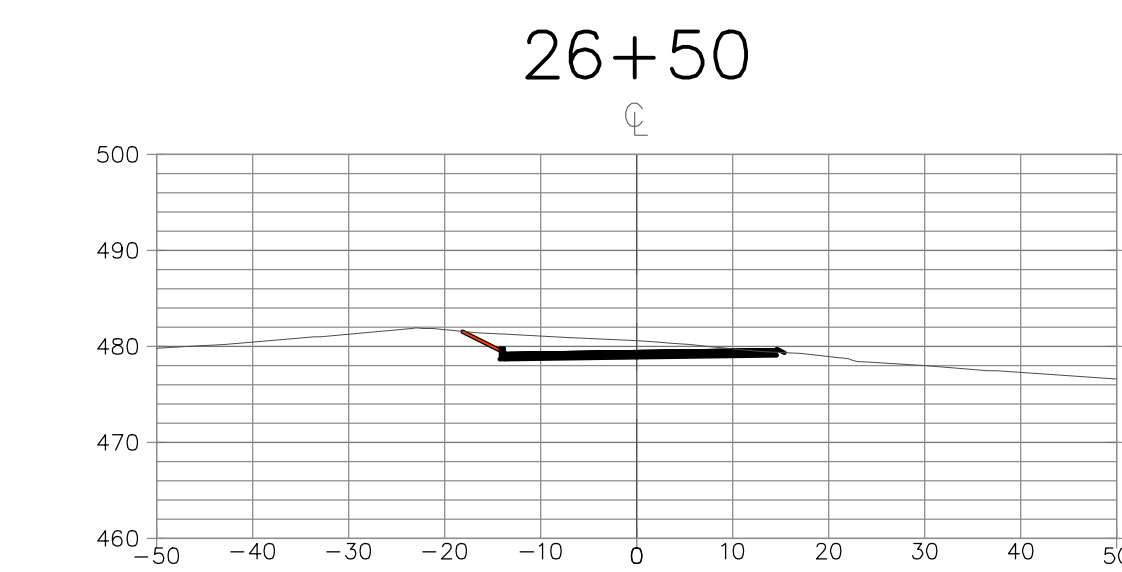
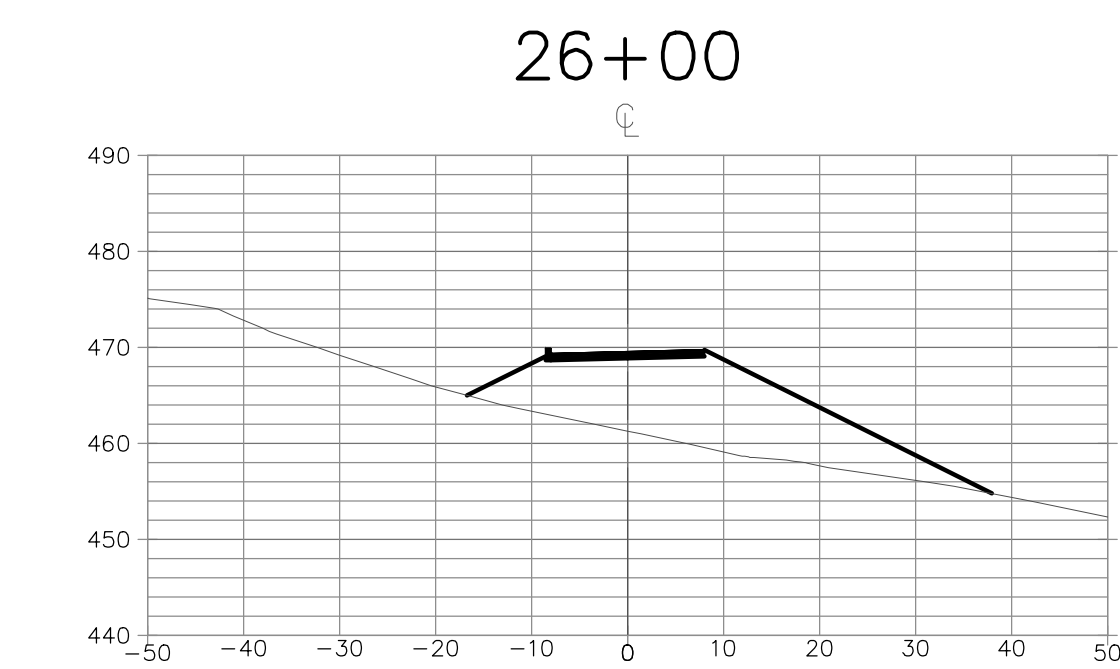
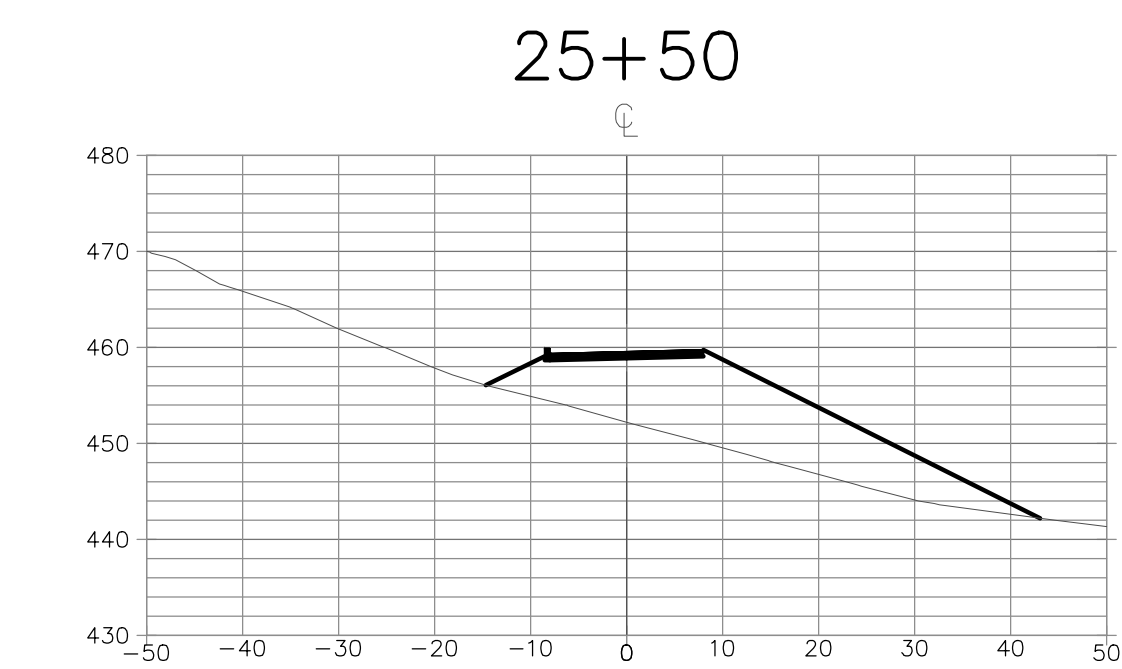
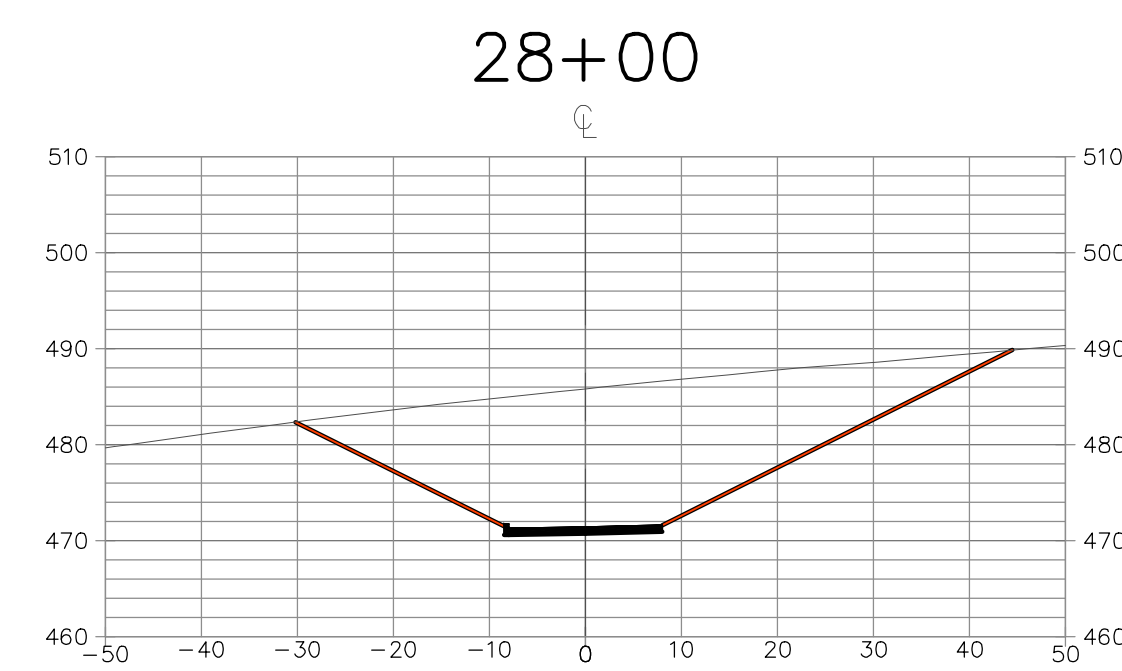
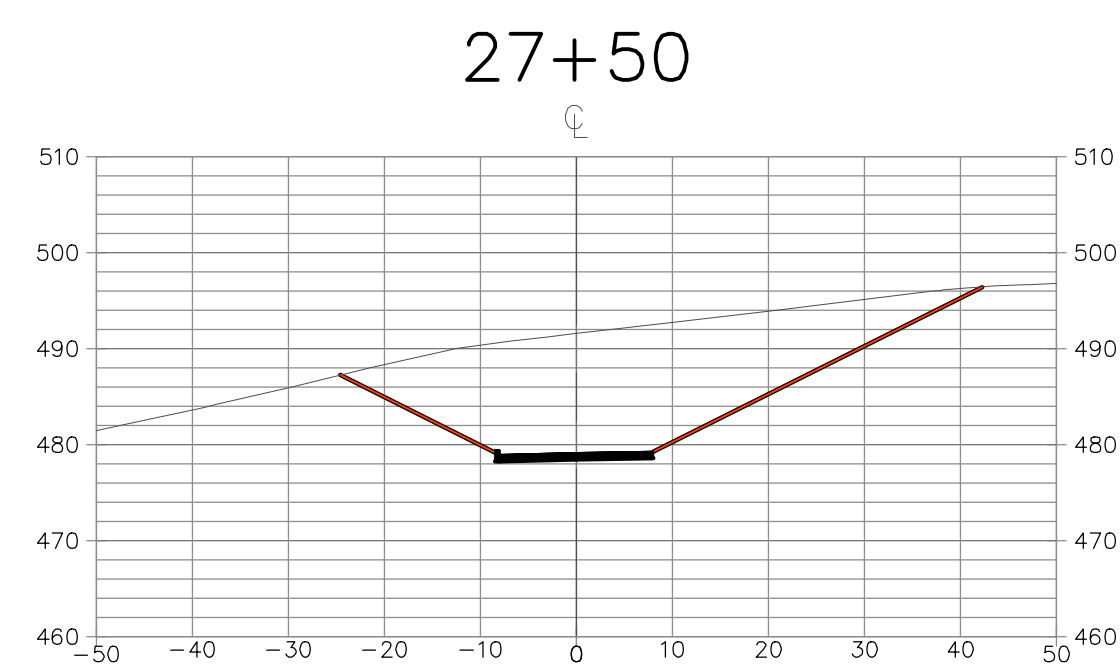
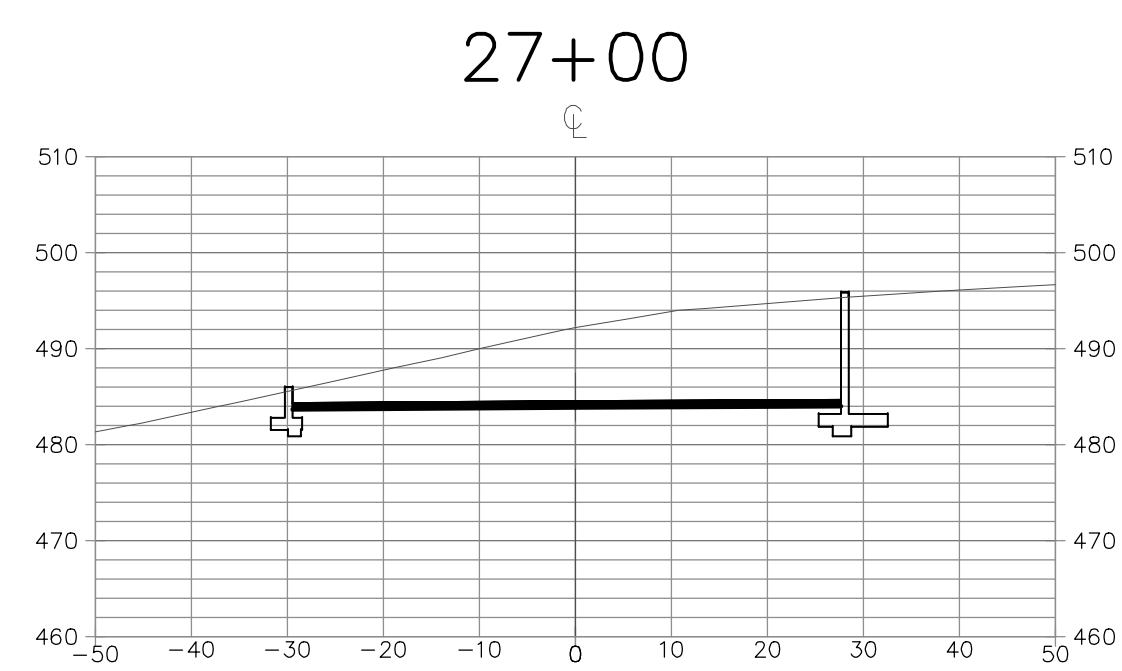
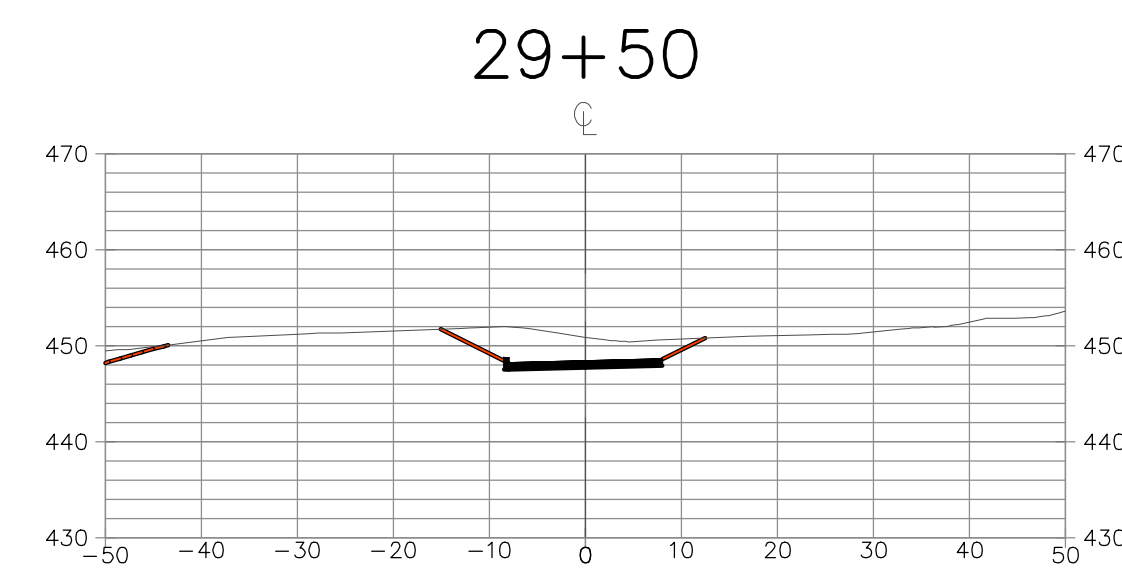
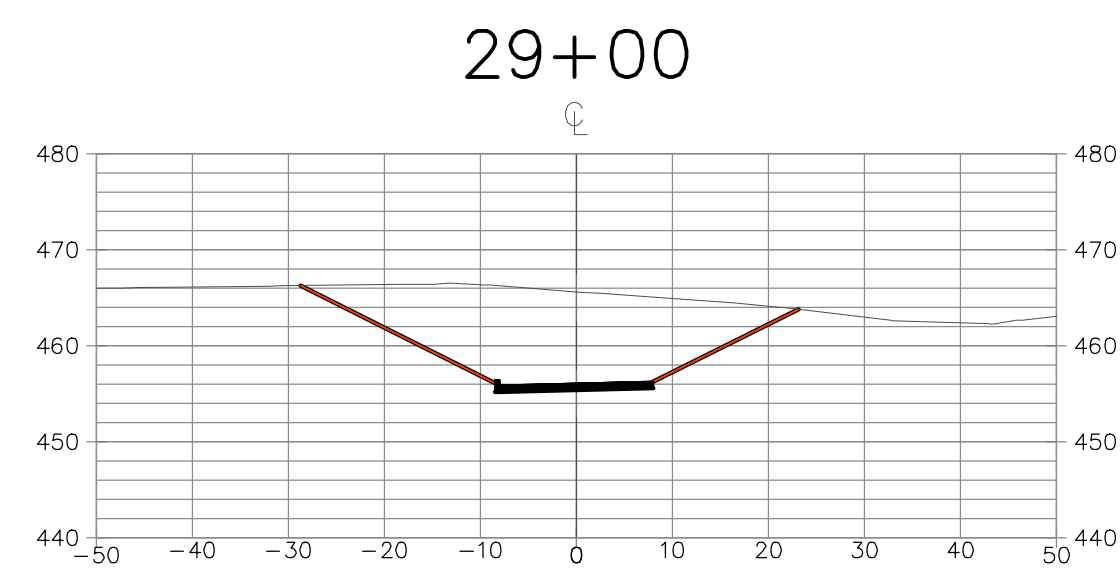
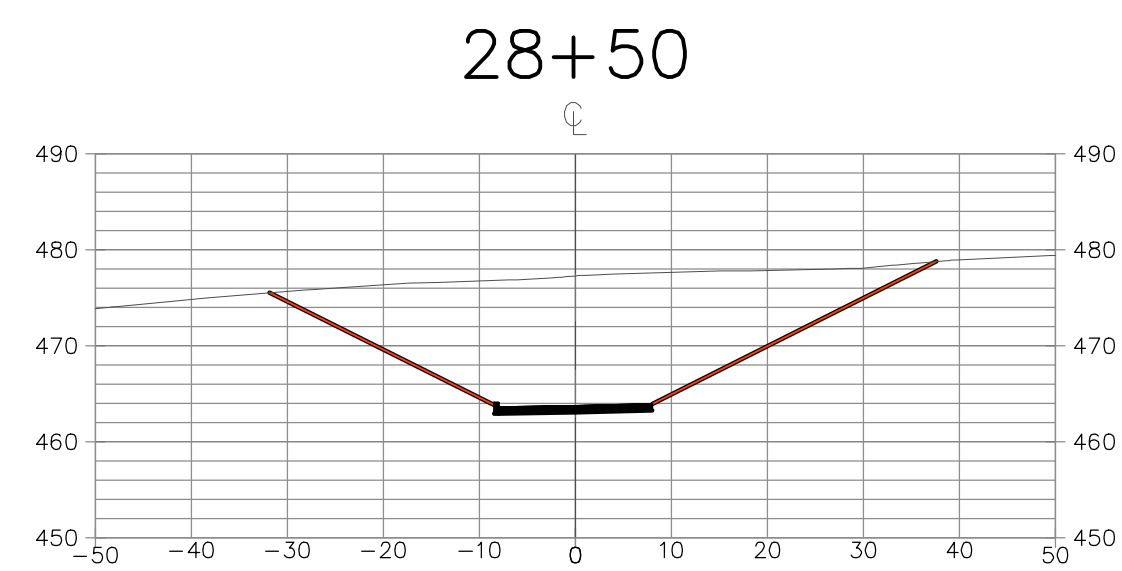
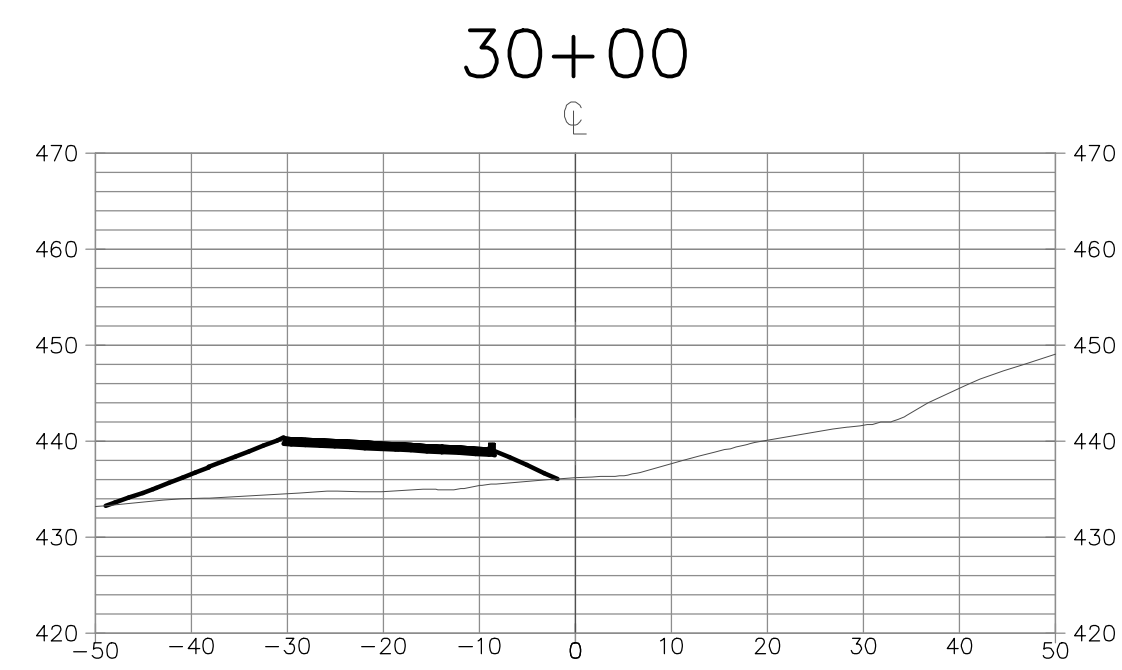
**MAIN DRIVEWAY SECTIONS**  
 1795 HAYES LANE  
 APN 779-46-007

Project No.: SAN MARTIN CALIFORNIA  
 Designed: PT Checked: NC Date: 11/11/24

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REGISTERED PROFESSIONAL ENGINEER		REVISIONS
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<p><b>THOMAS KAIS</b>          7673 BRAID COURT, GILROY          TEL: (408) 375-7145          EMAIL: TK_MKS@YAHOO.COM</p>		
<p><b>ENGINEERING</b>          598 E Santa Clara St #270          San Jose, CA 95128          Phone: (408) 866-7187</p>		
<p><b>MAIN DRIVEWAY SECTIONS</b>          1795 HAYES LANE          APN 779-46-007</p>		<p>Project No.: SAN MARTIN          Designed: PT          Checked: NC          Date: 11/11/24          CALIFORNIA</p>
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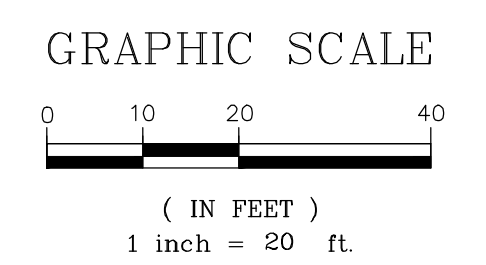
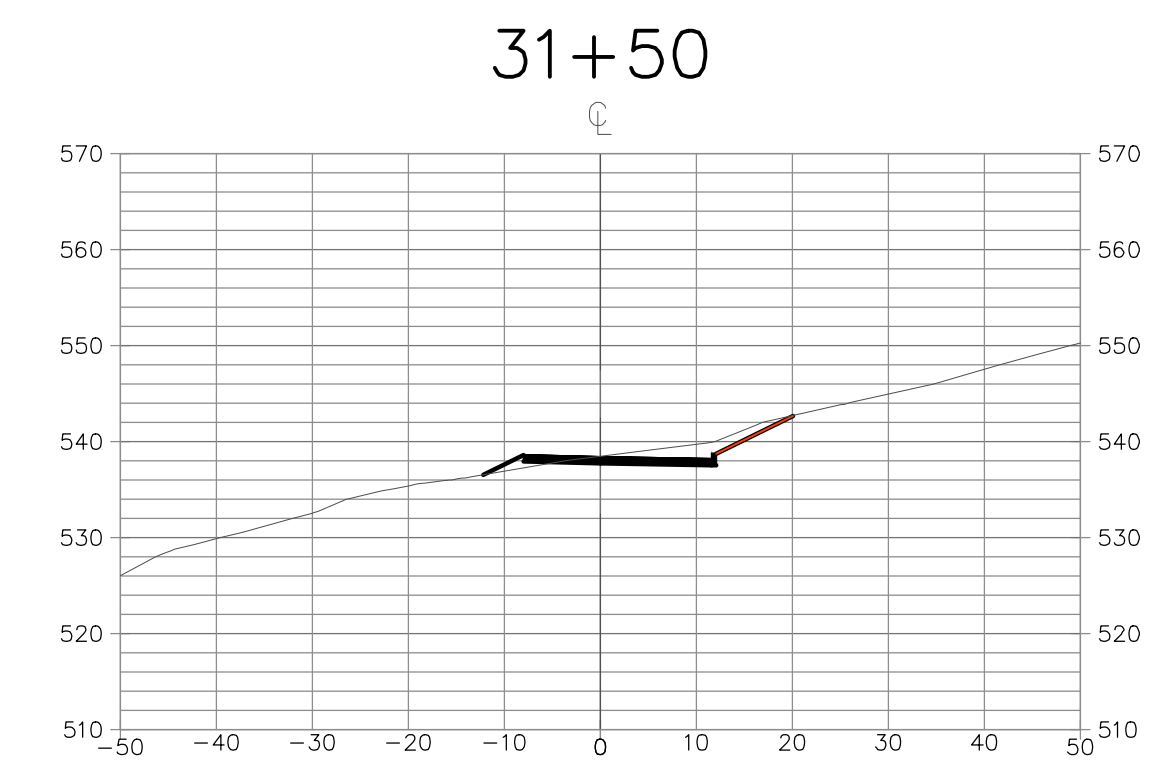
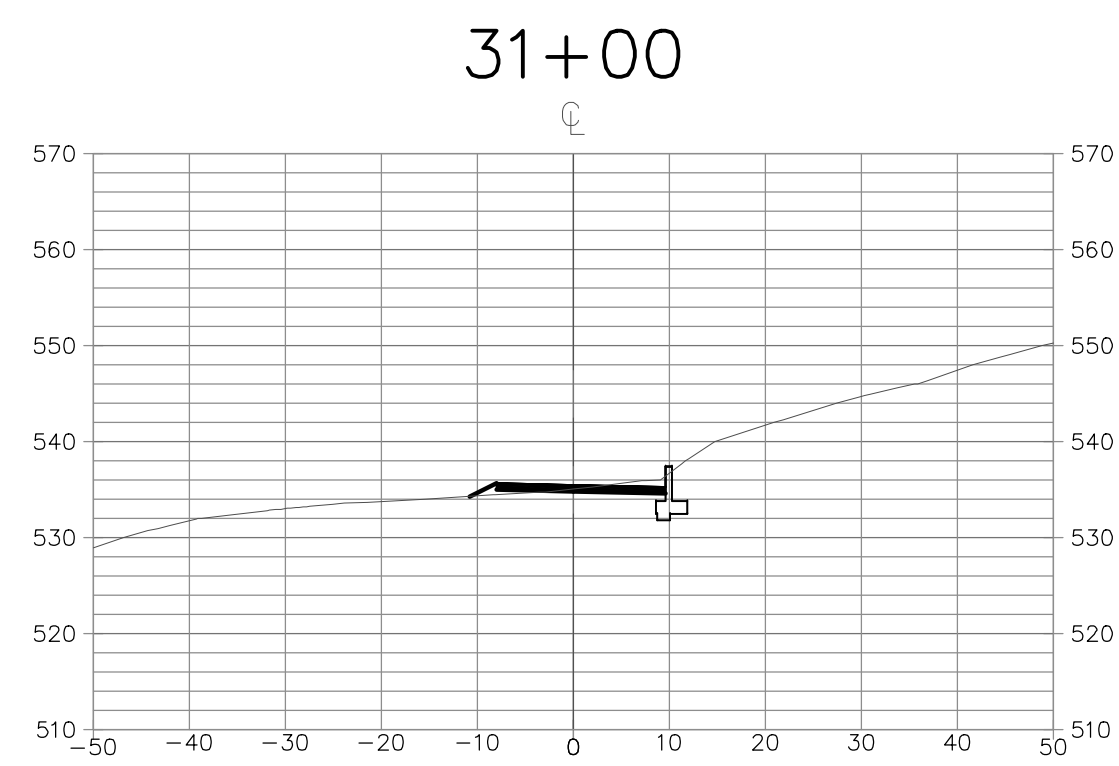
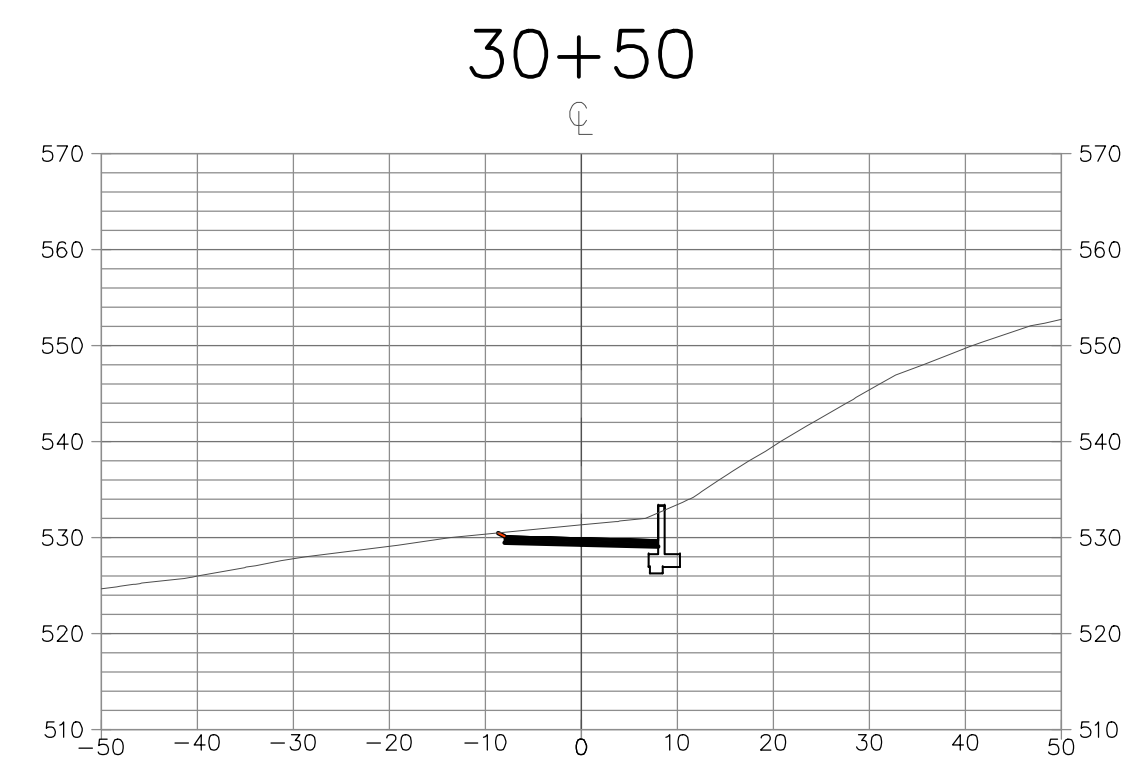
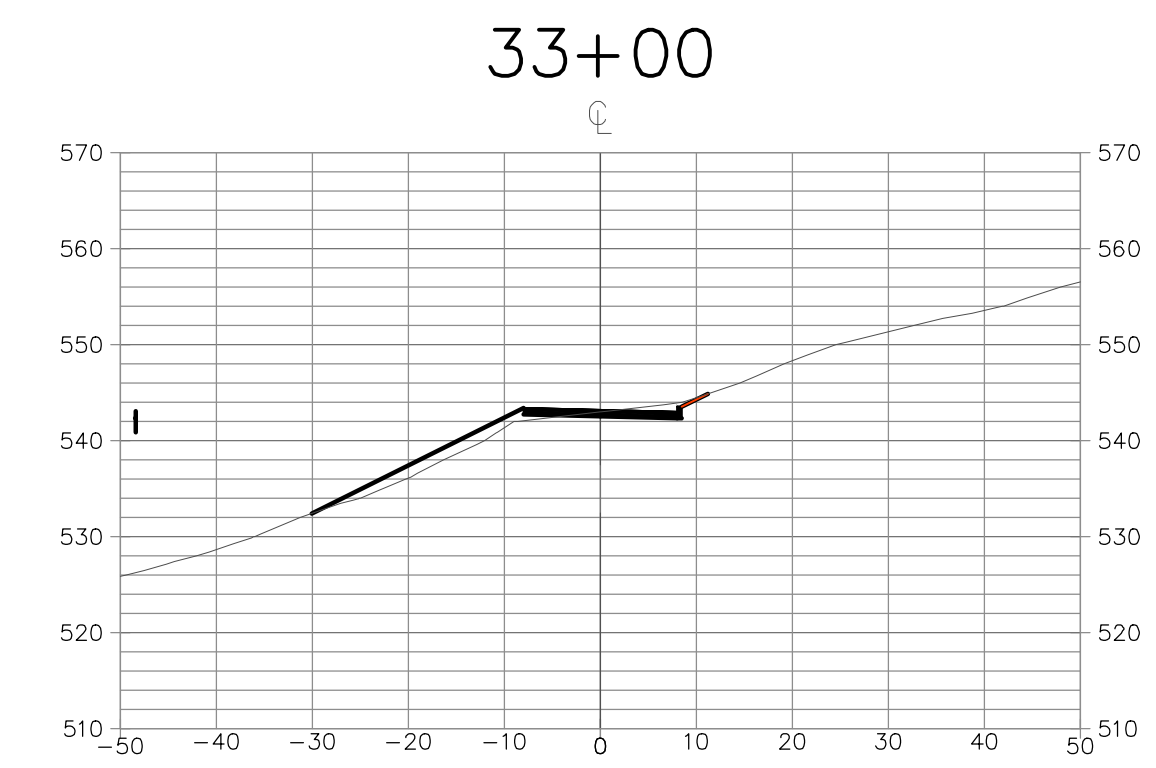
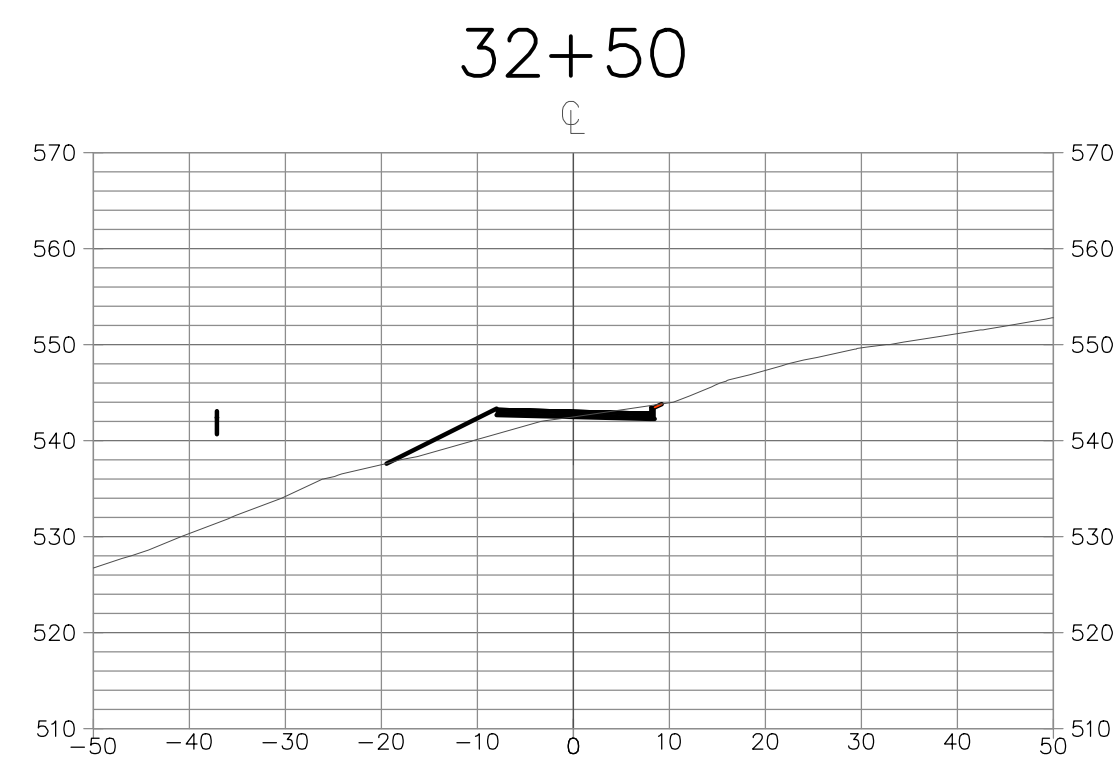
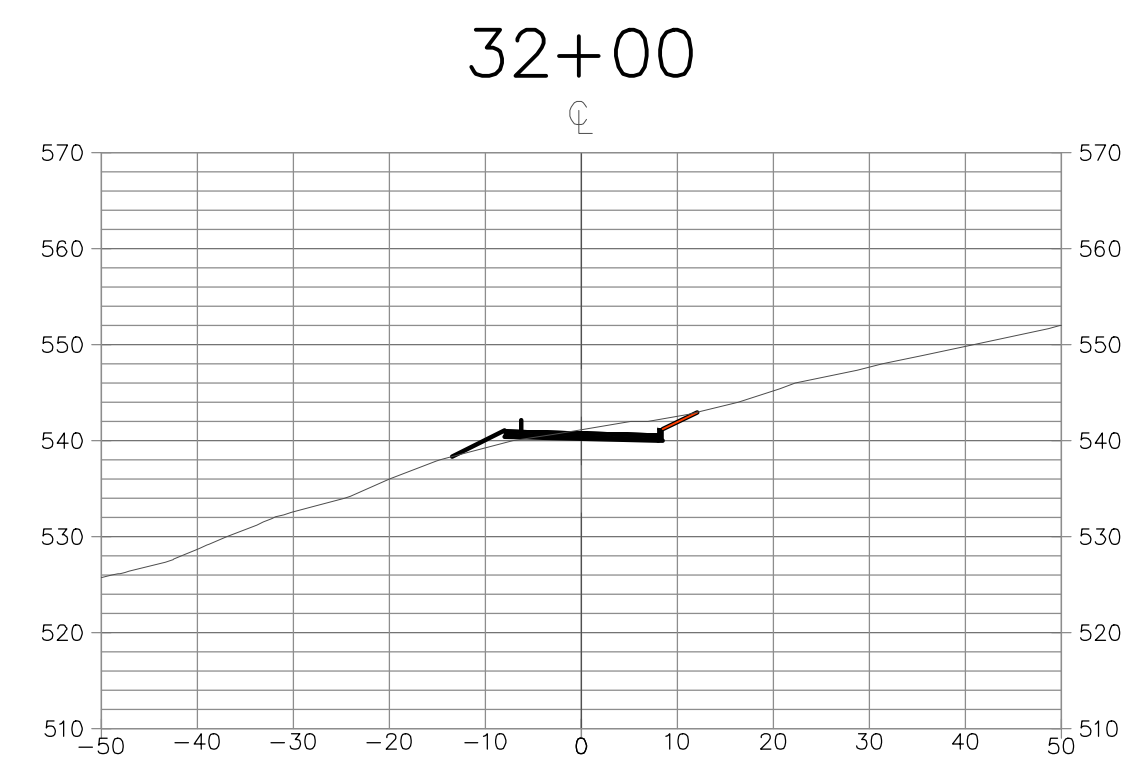
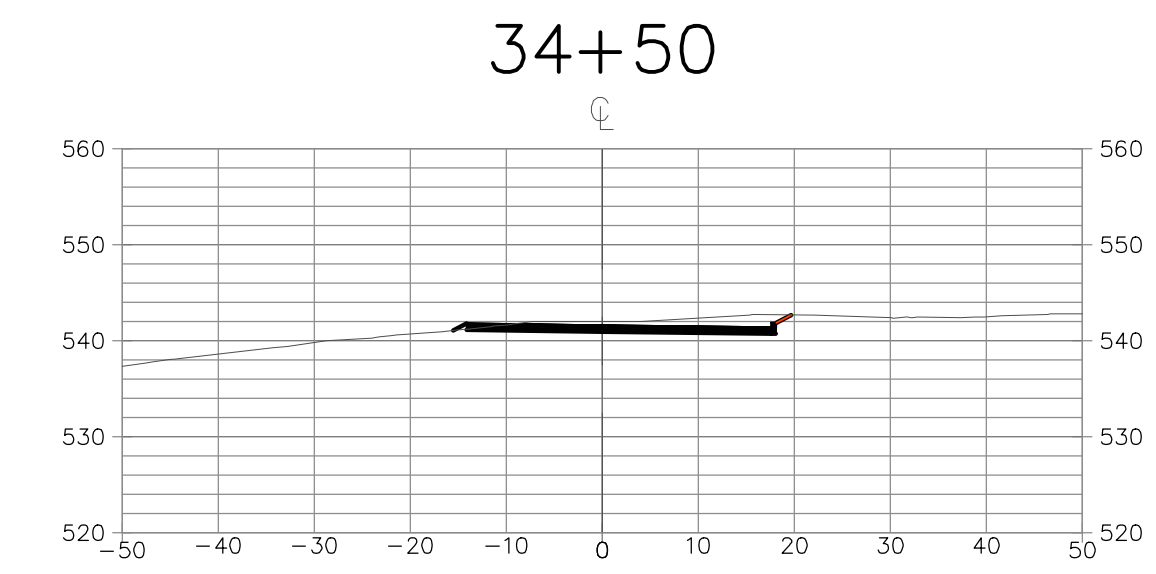
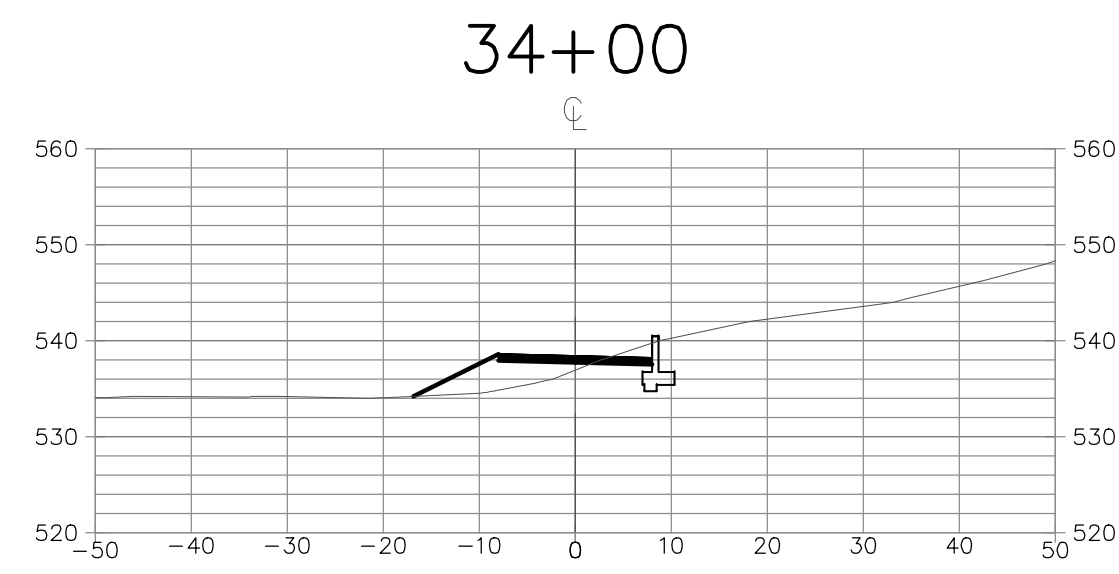
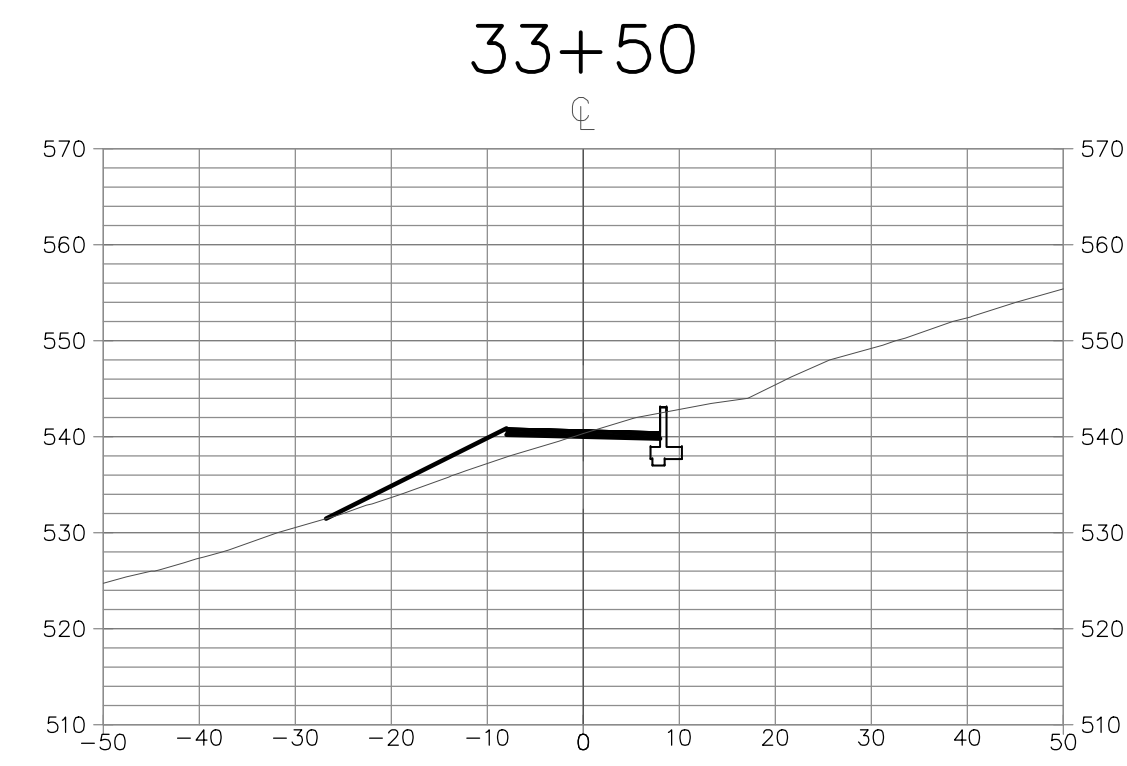
**ENGINEERING**  
 586 E Santa Clara St. #270  
 San Jose, CA 95131  
 Phone: (408) 866-7187

**MAIN DRIVEWAY SECTIONS**  
 1795 HAYES LANE  
 APN 779-46-007

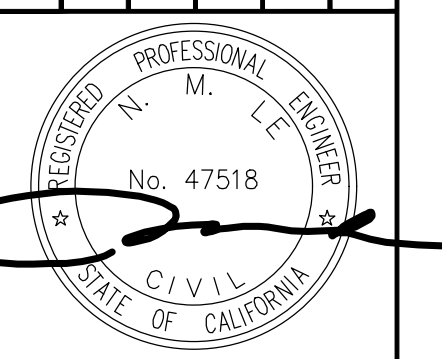
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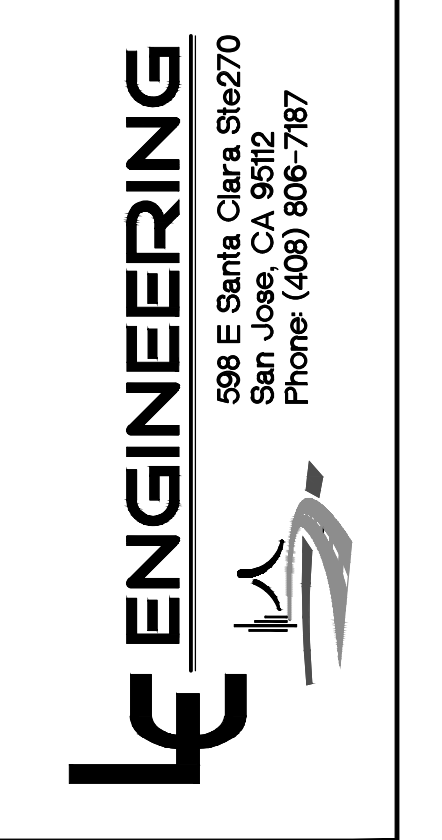
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