

PROPOSED	DESCRIPTION
	BOUNDARY
	PROPERTY LINE
	RETAINING WALL
	SUBDRAIN LINE
	TIGHTLINE
	STORM DRAIN LINE
	SANITARY SEWER LINE
	WATER LINE
	GAS LINE
	JOINT TRENCH
	SET BACK LINE
	SWALE FLOW DIRECTION
	RED CURB
	CATCH BASIN
	JUNCTION BOX
	AREA DRAIN
	SANITARY SEWER CLEANOUT
	CURB INLET
	SANITARY SEWER MANHOLE
	SPOT ELEVATION
	FLOW DIRECTION
	BENCHMARK
	CONTOURS
	TREE TO BE REMOVED
	(E) GAS
	(E) STORM DRAIN LINES
	(E) SANITARY SEWER LINES
	(E) WATER LINES
BC	BACK OF CURVE
BW	BOTTOM OF WALL (EARTH RETAINED)
CO	CLEAN OUT
EC	END OF CURVE
FG	FINISH GRADE
FL	FLOW LINE
GAR SL	GARAGE SLAB
INV.	INVERT GRADE
LNDG	LANDING
PRC	POINT OF REVERSE CURVATURE
PCO	POINT OF COMPOUND CURVATURE
RIM	RIM INLET GRADE
SSCO	SANITARY SEWER CLEAN OUT
TC	TOP OF CURB
TW	TOP OF WALL (EARTH RETAINED)

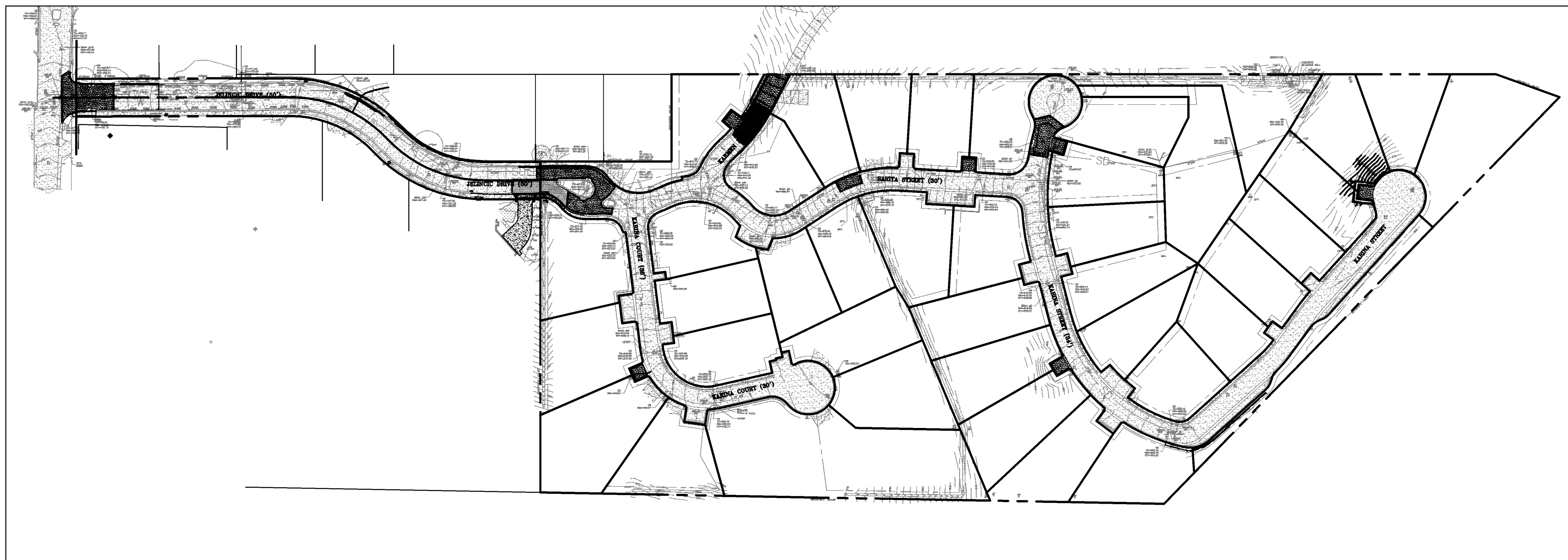
1. ALL IMPROVEMENTS WITHIN/OR ADJACENT TO PROPOSED PRIVATE DRIVE (P.S.E., E.V.A.E.) TO BE PER COUNTY OF ALAMEDA PUBLIC WORKS STANDARDS. REFER TO IMPROVEMENT PLANS BY MARK THOMAS & CO., INC. FOR PREVIOUSLY APPROVED TRACT DEVELOPMENT.
2. UNLESS OTHERWISE STATED, ALL NECESSARY EASEMENTS AND STREET RIGHT-OF-WAY SHALL BE DEDICATED AND ALL IMPROVEMENTS SHALL BE DESIGNED AND INSTALLED AT NO COST TO THE COUNTY OF ALAMEDA.
3. ALL IMPROVEMENTS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE ALAMEDA COUNTY FLOOD CONTROL STANDARD SPECIFICATION AND DETAILS, UNLESS OTHERWISE INDICATED.
4. ALL DESIGN WORK SHALL BE PERFORMED BY THE SUBDIVIDER'S ENGINEER, UNLESS OTHERWISE INDICATED.
5. ALL STORM DRAIN INLETS SHALL HAVE A SIGN STENCILED/INSTALL "NO DUMPING--DRAINS TO BAY".
6. ALL IMPROVEMENTS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH ORO LOMA SANITARY DISTRICT STANDARD SPECIFICATIONS AND DETAILS, UNLESS OTHERWISE INDICATED.

NOTE:
REPAIR AND REPLACE ANY AND ALL BROKEN OR MALFUNCTIONING STREET LIGHTS THROUGHOUT THE DEVELOPMENT AS REQUIRED.

NOTE:
ANY RIGHT-OF-WAY DEDICATION RELOCATION
OF IMPROVEMENT OR PUBLIC FACILITIES, OR
ROAD IMPROVEMENTS SHALL BE ACCOMPLISHED
AT NO EXPENSE TO THE COUNTY.



NOTE:
**FOR CONSTRUCTION STAKING
SCHEDULING OR QUOTATIONS
PLEASE CONTACT GREG BRAZE
AT LEA & BRAZE ENGINEERING
(510)887-4086 EXT 103.
gbraze@leabraze.com**



KEY MAP
SCALE 1" = 100'

1. TW/FG REPRESENTS FINISHED EARTHEN GRADE OR PAVEMENT ELEVATION AT TOP OF WALL, NOT ACTUAL TOP OF WALL MATERIAL. BW/FG REPRESENTS FINISH EARTHEN GRADE OR PAVEMENT ELEVATION AT BOTTOM OF WALL, NOT INCLUDING FILL FOUNDATION. GRADES INDICATED ON THESE PLANS REFER TO THE FINISHED GRADES ADJACENT TO THE RETAINING WALL, NOT INCLUDING FOOTING, FREEBOARD, ETC.
2. DIMENSIONS SHOWN IN BRACKETS SHOWN AS "[X.X]" DENOTE THE EFFECTIVE WALL HEIGHT ONLY. THE ACTUAL WALL HEIGHT AND DEPTH MAY DIFFER DUE TO CONSTRUCTION REQUIREMENTS.
3. REFER TO SPECIFIC WALL CONSTRUCTION DETAIL FOR STRUCTURAL ELEMENTS, FREEBOARD, AND EMBEDMENT.
4. REFER TO ARCHITECTURAL, LANDSCAPE ARCHITECTURE, AND/OR STRUCTURAL PLANS FOR DETAILS, WALL ELEVATIONS, SUBDRAINAGE, WATERPROOFING, FINISHES, COLORS, STEEL REINFORCING, MATERIALS, ETC. PROVIDE CLIPS OR OTHER MEANS OF SECURING FINISH MATERIALS AS NECESSARY (WET SET INTO THE WALL).
5. ALL RETAINING WALLS SHOULD HAVE A BACK-OF-WALL SUB-SURFACE DRAINAGE SYSTEM INCLUDING WEEPHOLES TO PREVENT HYDROSTATIC PRESSURE.
6. SEE DETAIL SHEET FOR SPECIFIC INFORMATION.
7. PROVIDE GUARDRAIL (WHERE APPLICABLE AND DESIGNED BY OTHERS) AS REQUIRED FOR GRADE SEPARATION OF 30 INCHES OR MORE MEASURED 5' HORIZONTALLY FROM FACE OF WALL, PER CBC.

ALAMEDA COUNTY PUBLIC WORKS AGENCY:
IMPROVEMENT PLANS REVIEWED BY:

BY: _____ DATE: _____
DANIEL WOLDESEBET, Ph. D., P.E., COUNTY ENGINEER
R.E.C. 60306, REG. EXPIRES 6/30/12

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RETAIN A LICENSED GEOTECHNICAL ENGINEER FOR RECOMMENDATIONS AND OBSERVATIONS OF WORK PROPOSED BY THIS PLAN. THE GEOTECHNICAL ENGINEER OF RECORD MAY MAKE RECOMMENDATIONS THAT WILL SUPERCEDE THESE PLANS. SHOULD DISCREPANCIES ARISE, CONTACT LEA & BRAZE ENGINEERING, INC. AT 510-887-4086.

ALAMEDA COUNTY BENCHMARK ALAMEDA COUNTY STREET MONUMENT
ON FAIRVIEW AVENUE APPROXIMATELY 340 FEET FORM THE
INTERSECTION OF FAIRVIEW AVENUE AND JELINCIC DRIVE, BRASS DISK
IN MONUMENT WELL STAMPED "FAIR B 1954" ELEVATION: 496.27.

ELEVATION: 496.27

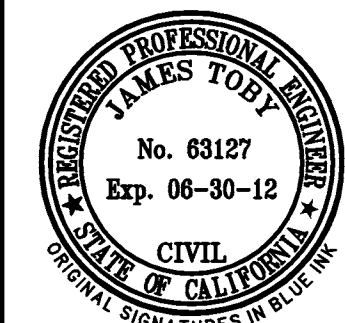
C-1	TITLE SHEET				
C-2	JOB # 1 & 2				
C-3	JOB # 3				
C-4	JOB # 4				
C-5	JOB # 4 CURB PROFILES				
C-6	JOB # 5				
C-7	JOB # 6, 7 & 8				
C-8	JOB # 9, 10 & 11				
C-9	JOB # 12, 13, 14 & 15				
C-10	JOB # 16 & 17				
C-11	JOB # 18 & 19				
C-12	JOB # 20				
C-13	JOB # 20 SECTIONS STA 0+70 TO 1+10				
C-14	JOB # 20 SECTIONS STA 1+70 TO 3+13.10				
C-15	JOB # 20 SECTIONS STA 3+70 TO 4+70				
C-16	JOB # 20 SECTIONS STA 5+20 TO 6+20				
C-17	JOB # 20 SECTIONS STA 6+70				
C-18	JOB # 21				
C-19	DETAILS				
C-20	DETAILS				
ER-1	EROSION CONTROL PLAN				
ER-2	EROSION CONTROL DETAILS				

THIS IMPROVEMENT PLAN IS SUPPLEMENTAL TO:
1) UPDATED TOPOGRAPHIC SURVEY BY LEA AND
SUNG ENGINEERING, INC., ENTITLED:
"TRACT 6102"
JELINCIC DRIVE
HAYWARD, CALIFORNIA
JOB NO.: 2050355
DATED: 5-05-05

2) IMPROVEMENT PLANS BY MARK THOMAS & CO.
INC., ENTITLED:
"TRACT 6102 GRADING PLAN"
HAYWARD, CALIFORNIA
JOB NO.: 23-98012
DATED: MAY 1999

THE CONTRACTOR SHALL REFER TO THE ABOVE NOTED SURVEY AND PLAN, AND SHALL VERIFY BOTH EXISTING AND PROPOSED ITEMS ACCORDING TO THEM.

THE CONTRACTOR SHALL REFER TO THE LANDSCAPE ARCHITECT'S PLAN FOR FINE GRADING WITHIN MINOR LOCALIZED DRAINAGE IN PLANTING AND HARDSCAPE AREAS. THE MINOR DRAIN LINES TO THE LARGER STORM DRAIN (SD) SYSTEM.



LEA & BRAZE ENGINEERING, INC.


CIVIL ENGINEERS • LAND SURVEYORS

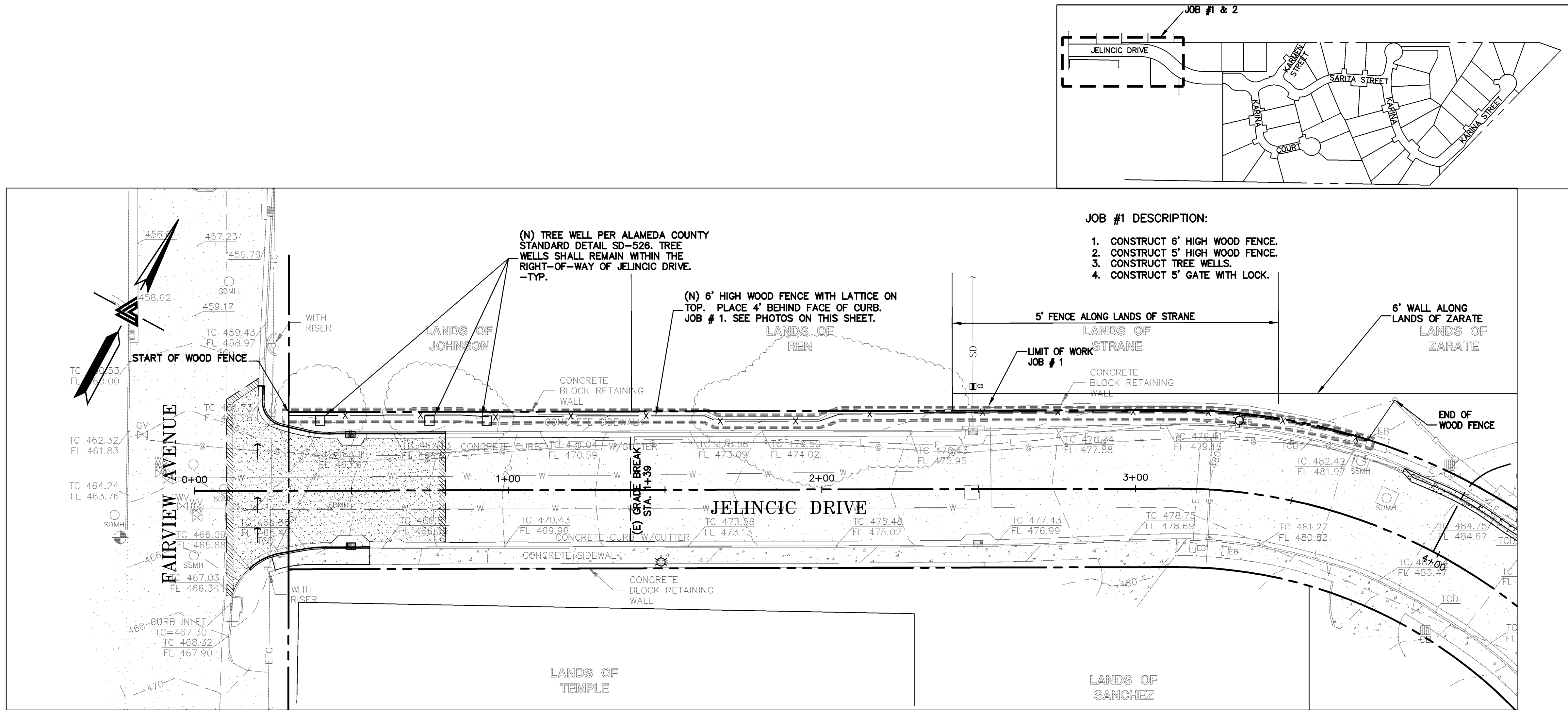
BAY AREA REGION
2495 INDUSTRIAL PKWY WEST
HAYWARD, CALIFORNIA 94545
(F) (510) 887-4086
(F) (510) 887-3019

SACRAMENTO REGION
3017 DOUGLAS BLVD, # 300
ROSEVILLE, CA 95661
(F) (916) 966-1338
(F) (916) 797-7363

TRACT 6102
JELINCIC DRIVE
EDEN TOWNSHIP

TITLE SHEET

	REVISION 8-16-2011	PT
	-	-
	-	-
	-	-
	-	-
REVISIONS		B
JOB NO:		2100094
DATE:		8-5-11
SCALE:		1" = 100'
DESIGN BY:		JR/RC
DRAWN BY:		TB
SHEET NO:		
C-1		
1 OF 22 SHEETS		

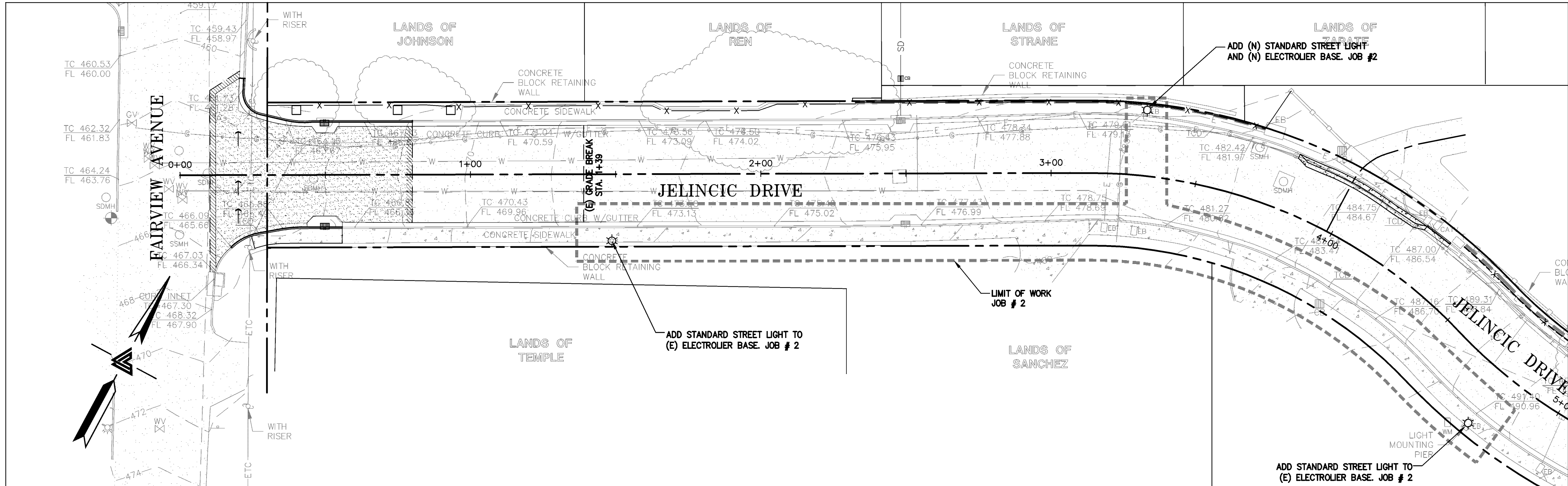


- JOB #1 DESCRIPTION:
1. CONSTRUCT 6' HIGH WOOD FENCE.
 2. CONSTRUCT 5' HIGH WOOD FENCE.
 3. CONSTRUCT TREE WELLS.
 4. CONSTRUCT 5' GATE WITH LOCK.



IMAGES OF PROPOSED WOOD FENCES

JOB # 1
SCALE: 1" = 20'



- JOB #2 DESCRIPTION:
1. CONSTRUCT STANDARD STREET LIGHTS.
 2. CONSTRUCT STREET LIGHT BASES.

JOB # 2
SCALE: 1" = 20'

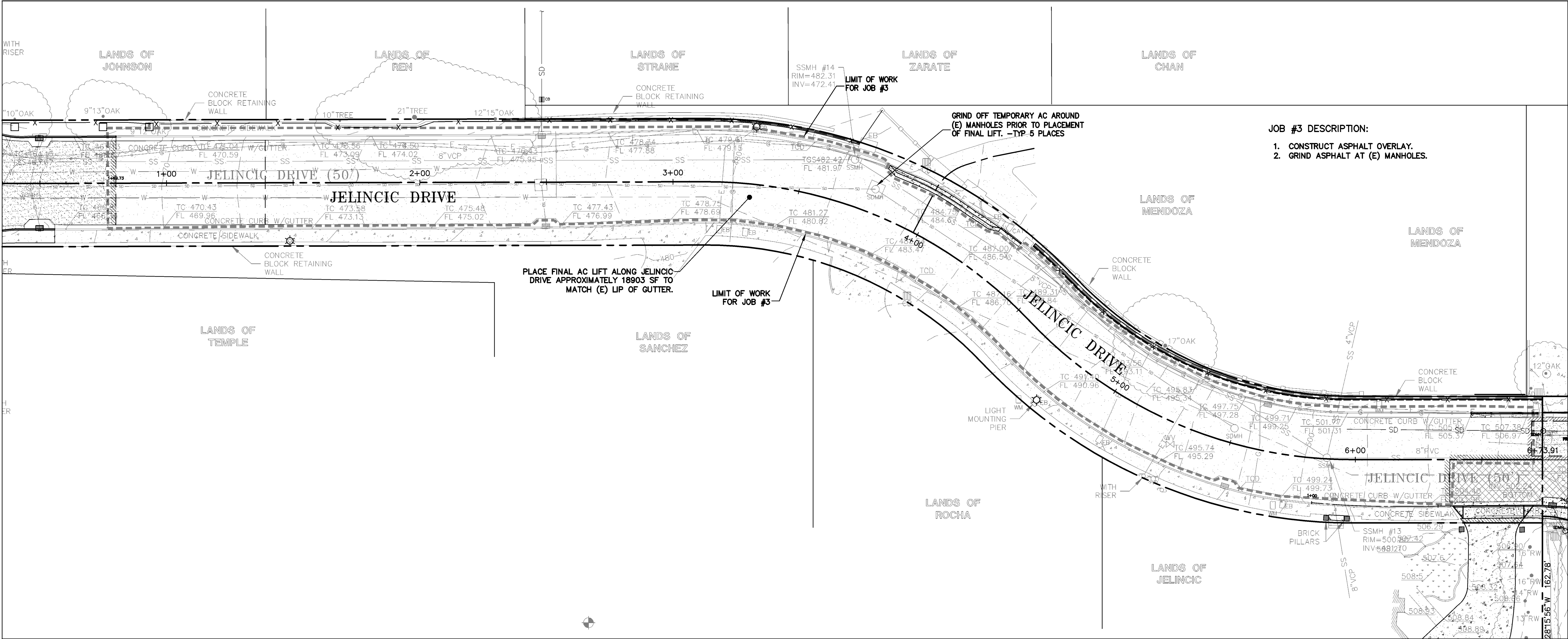


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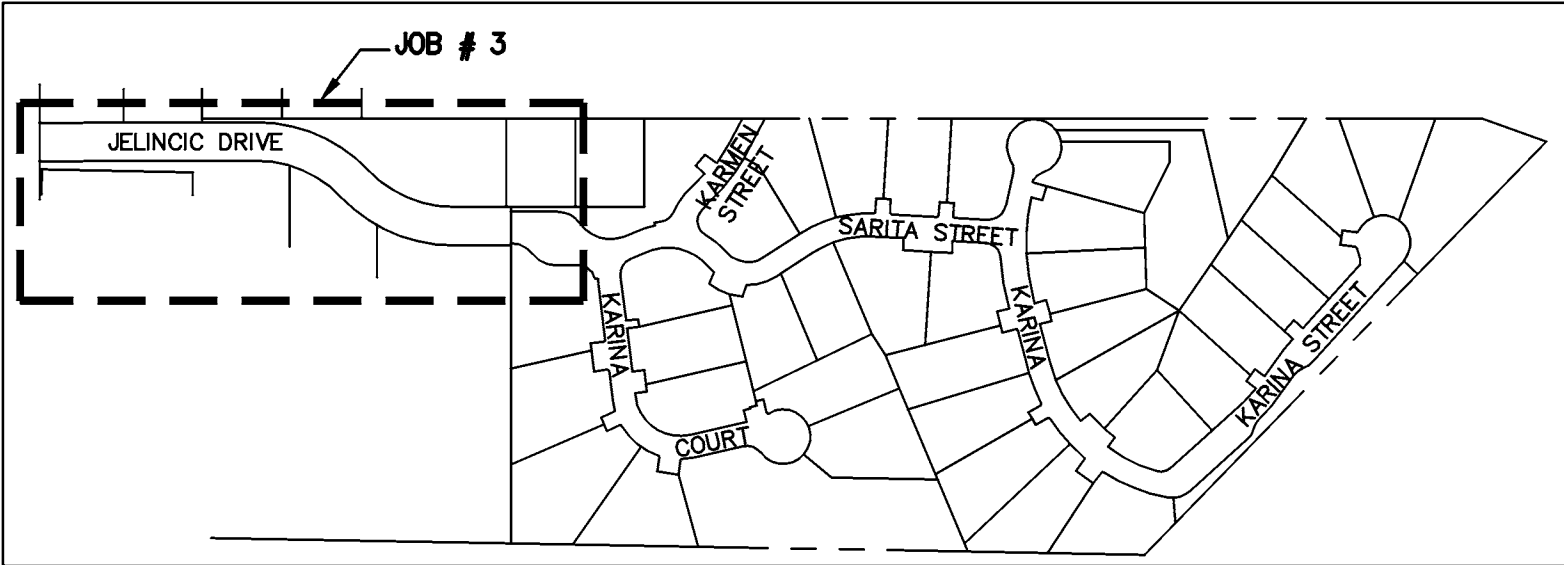
TRACT 6102
JELINCIC DRIVE
EDEN TOWNSHIP
UNINCORPORATED ALAMEDA COUNTY

JOB # 1 & 2

REVISIONS	BY
JOB NO:	2100094
DATE:	8-5-11
SCALE:	AS NOTED
DESIGN BY:	JR/RC
DRAWN BY:	TB
SHEET NO:	



JOB # 3
SCALE: 1" = 20'

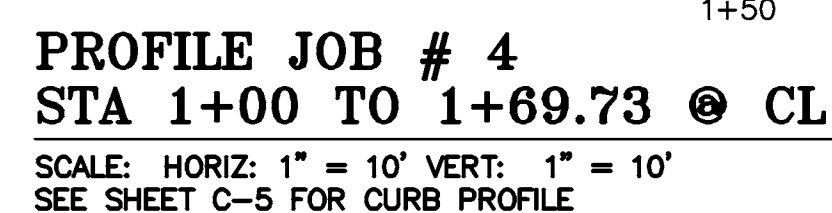
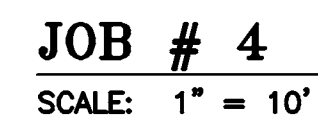
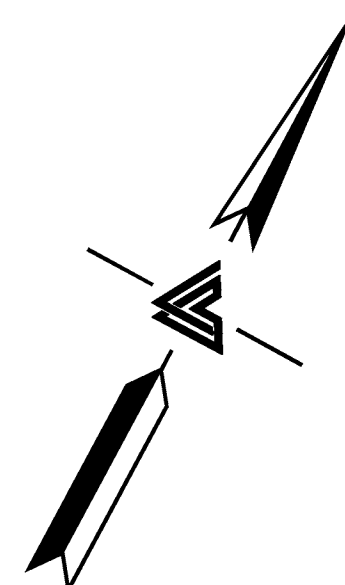
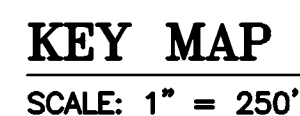


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**TRACT 6102
JELINCIC DRIVE
EDEN TOWNSHIP**
UNINCORPORATED ALAMEDA COUNTY

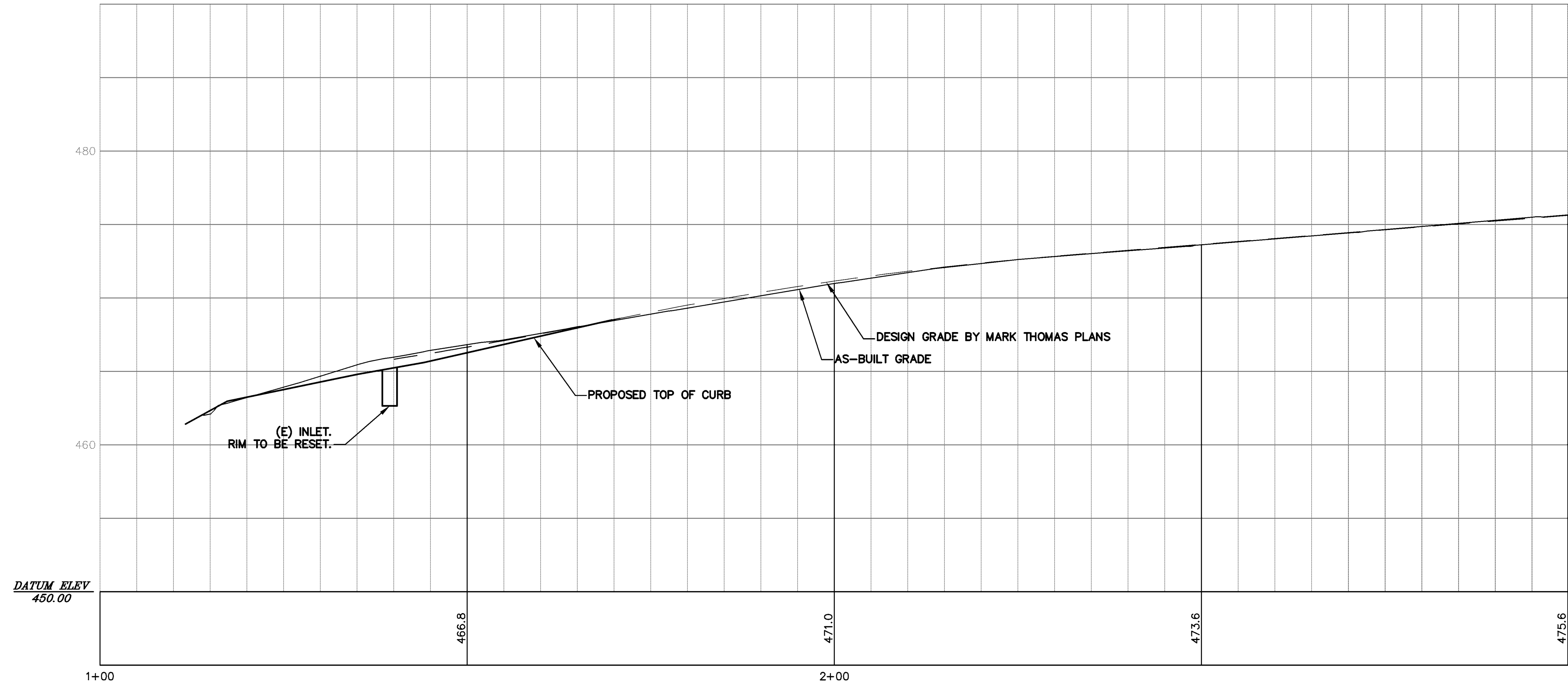
JOB # 3

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REVISIONS	BY
JOB NO:	2100094
DATE:	8-5-11
SCALE:	AS NOTED
DESIGN BY:	JR/RC
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SHEET NO:	

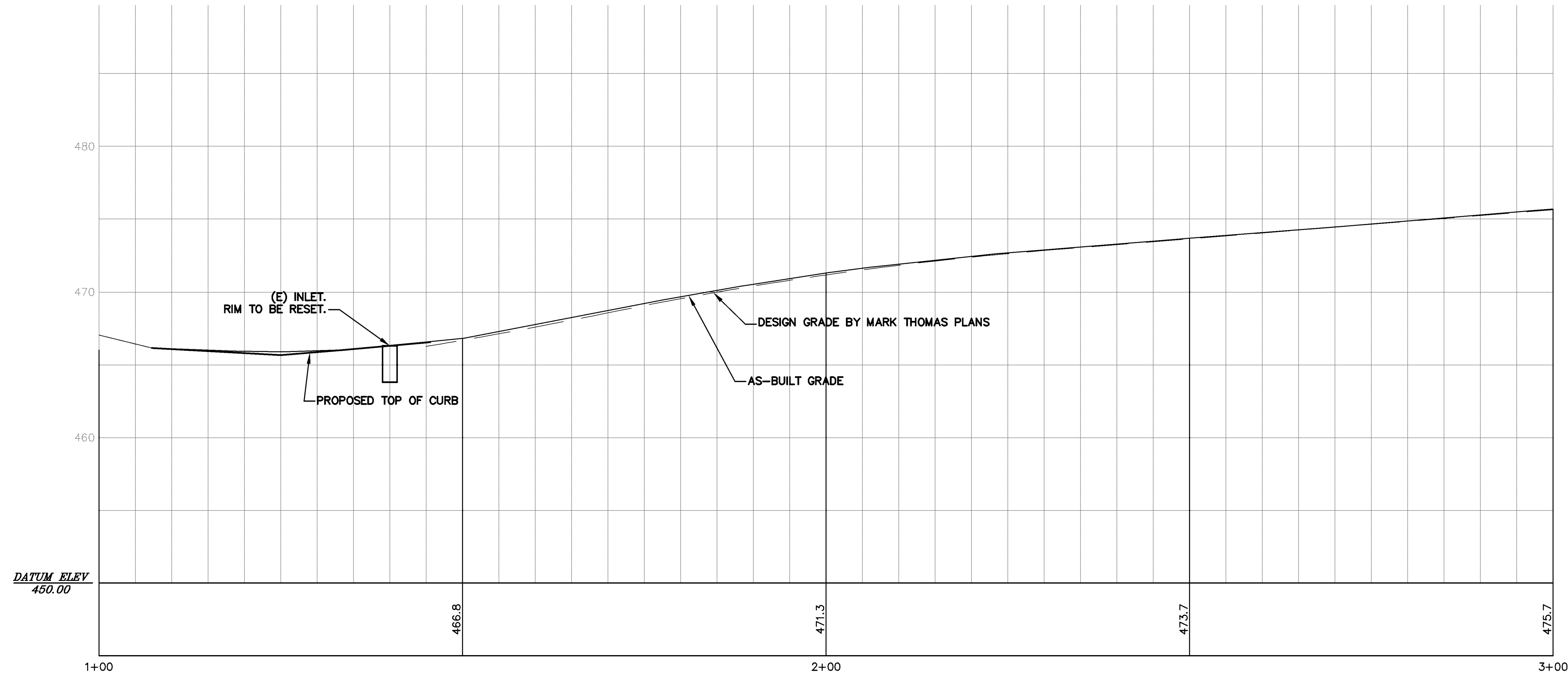


1. REMOVE AND REPLACE CURB AND GUTTER.
2. REMOVE AND REPLACE SIDEWALK.
3. LOWER CATCH BASINS.
4. LOWER MANHOLE.
5. REMOVE AND REPLACE ASPHALT PAVEMENT.
6. CONSTRUCT ASPHALT OVERLAY.

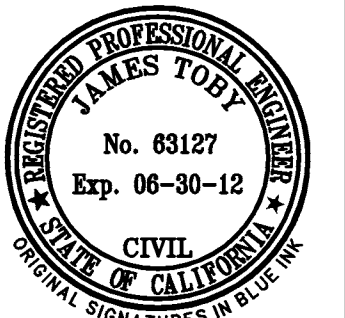
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JOB NO:		2100094
DATE:		8-5-11
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DESIGN BY:		JR/RC
DRAWN BY:		TB
SHEET NO:		



JELINCIC LEFT CURB PROFILE JOB #4
1"=10' HOR & 1"=5' VERT



JELINCIC RIGHT CURB PROFILE JOB #4
1"=10' HOR & 1"=5' VERT

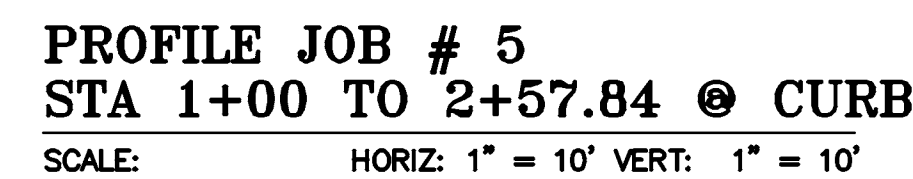
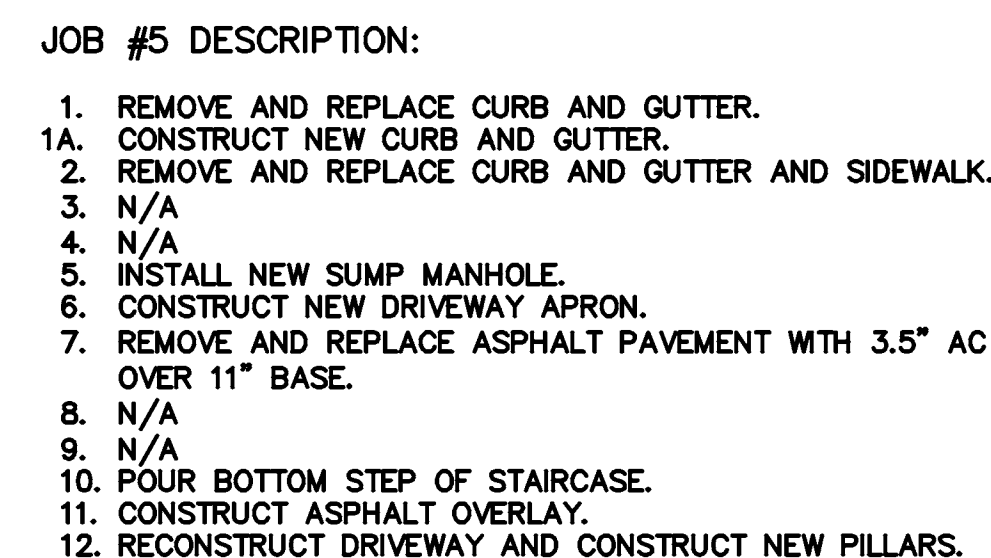
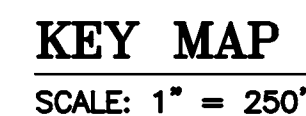


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(F) (510) 887-3019
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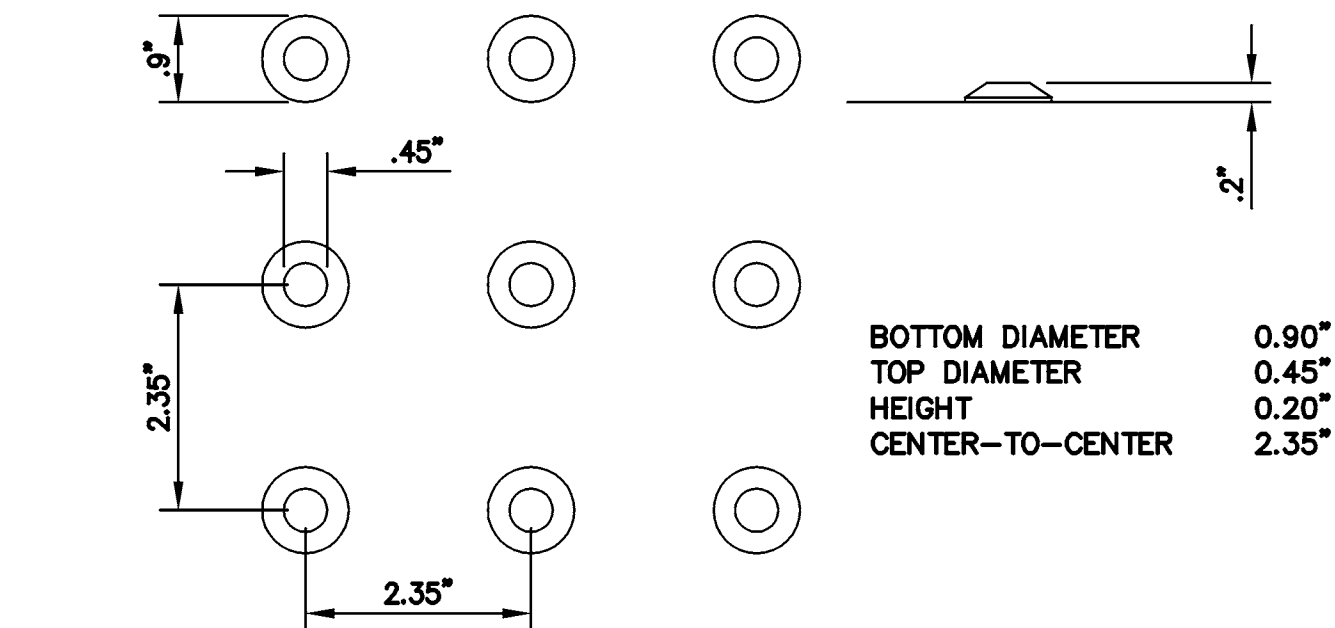
**TRACT 6102
JELINCIC DRIVE
EDEN TOWNSHIP**
UNINCORPORATED ALAMEDA COUNTY

**JELINCIC DRIVE
CURB PROFILES**

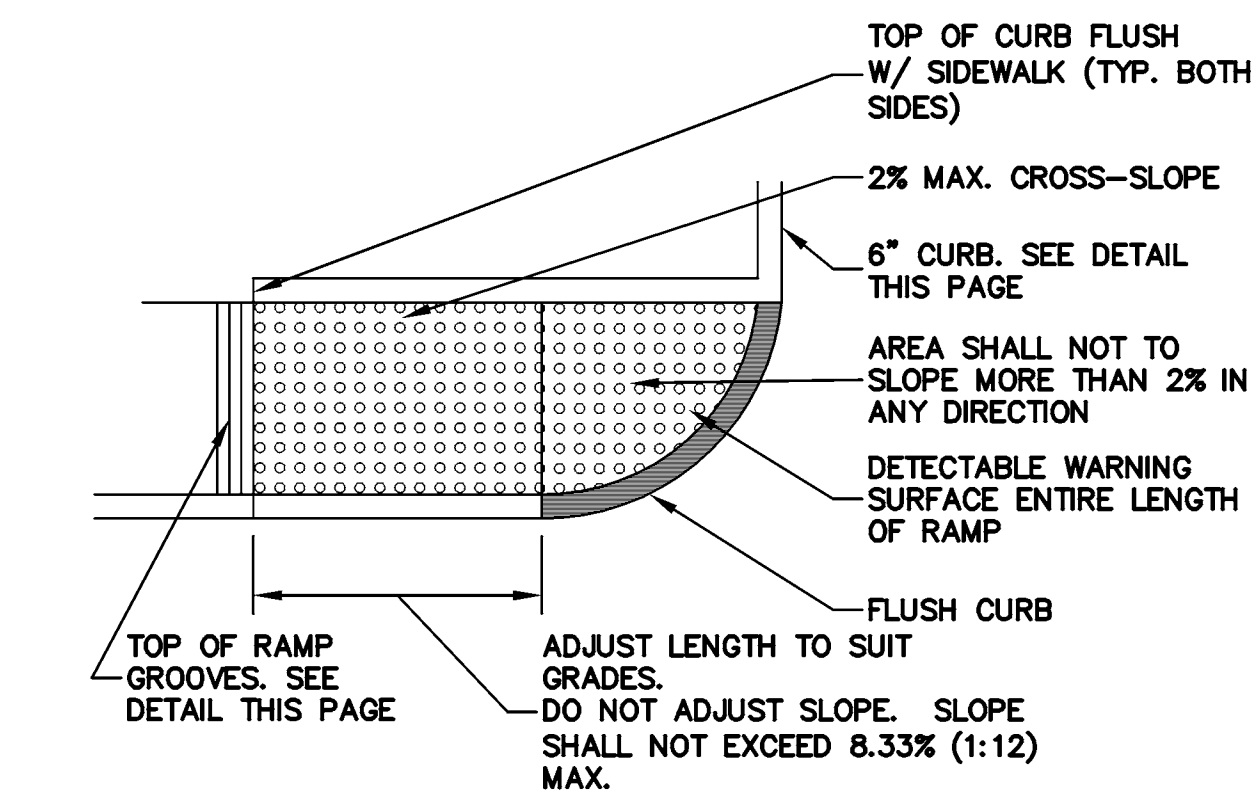
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REVISIONS	BY
JOB NO:	2100094
DATE:	8-5-11
SCALE:	AS NOTED
DESIGN BY:	JR/RC
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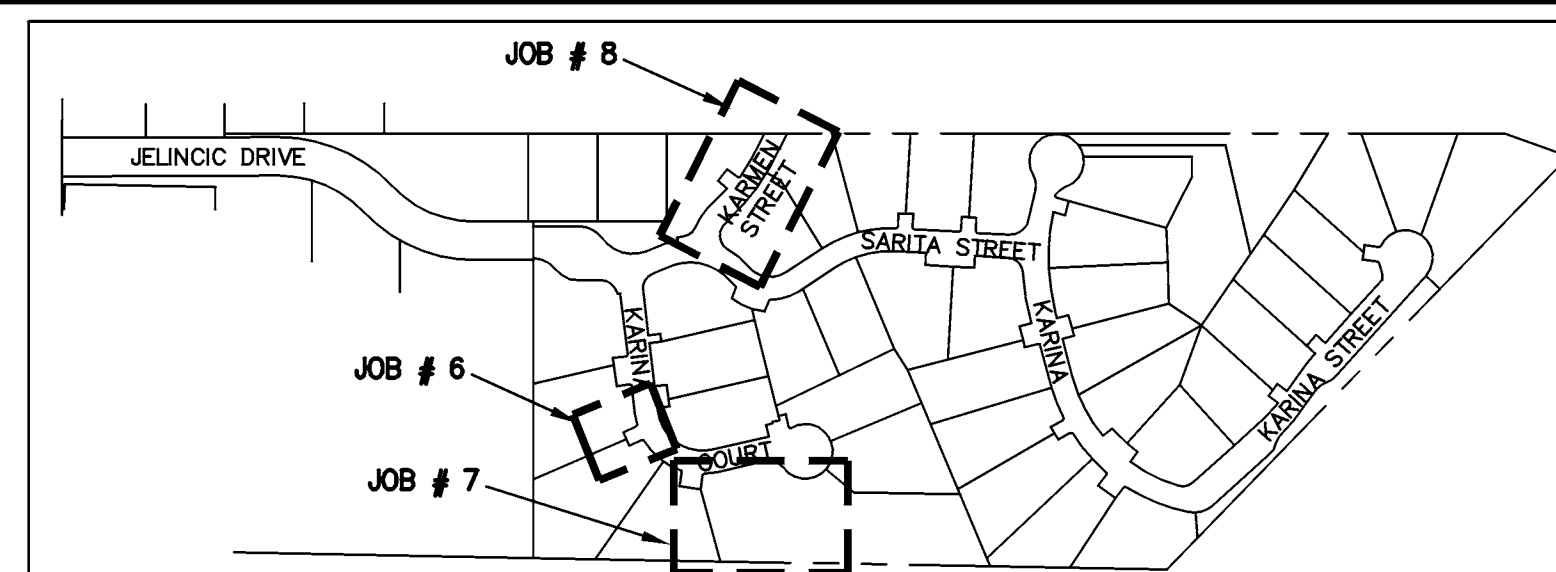
1. CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACE THE ENTIRE RAMP TRAVEL.
2. THE DETECTABLE WARNING BORDER SHALL BE A CONTRASTING SURFACE WITH THE ADJOINING SURFACE. ONLY ADA ACCESSIBLE PRODUCTS APPROVED BY THE DIVISION OF THE STATE ARCHITECT OF CALIFORNIA SHALL BE USED.
3. DOME ORIENTATION SHALL CONFORM TO THE LATEST ADA/TITLE 24 REGULATIONS.
4. IF PRECAST CONCRETE DETECTABLE WARNING DOMES PAVERS ARE USED, THE WILL NEED TO BE INSTALLED ON TOP OF A 4" THICK CONCRETE SURFACE. PAVERS SHALL BE LAID SUCH THAT JOINTS ARE LEVEL WITH ADJOINING SURFACE, TO PROVIDE A SMOOTH TRANSITION FROM PAVES TO PAVES AND FROM PAVES TO CONCRETE.
5. IF PLASTIC MAT DETECTABLE WARNING DOMES ARE USED, THE MAT NEEDS TO BE FLUSH WITH THE ADJOINING CONCRETE SURFACE. WHERE THE MAT IS INSTALLED, THE CONCRETE SURFACE WILL NEED TO BE HELD DOWN THE THICKNESS OF THE MAT.



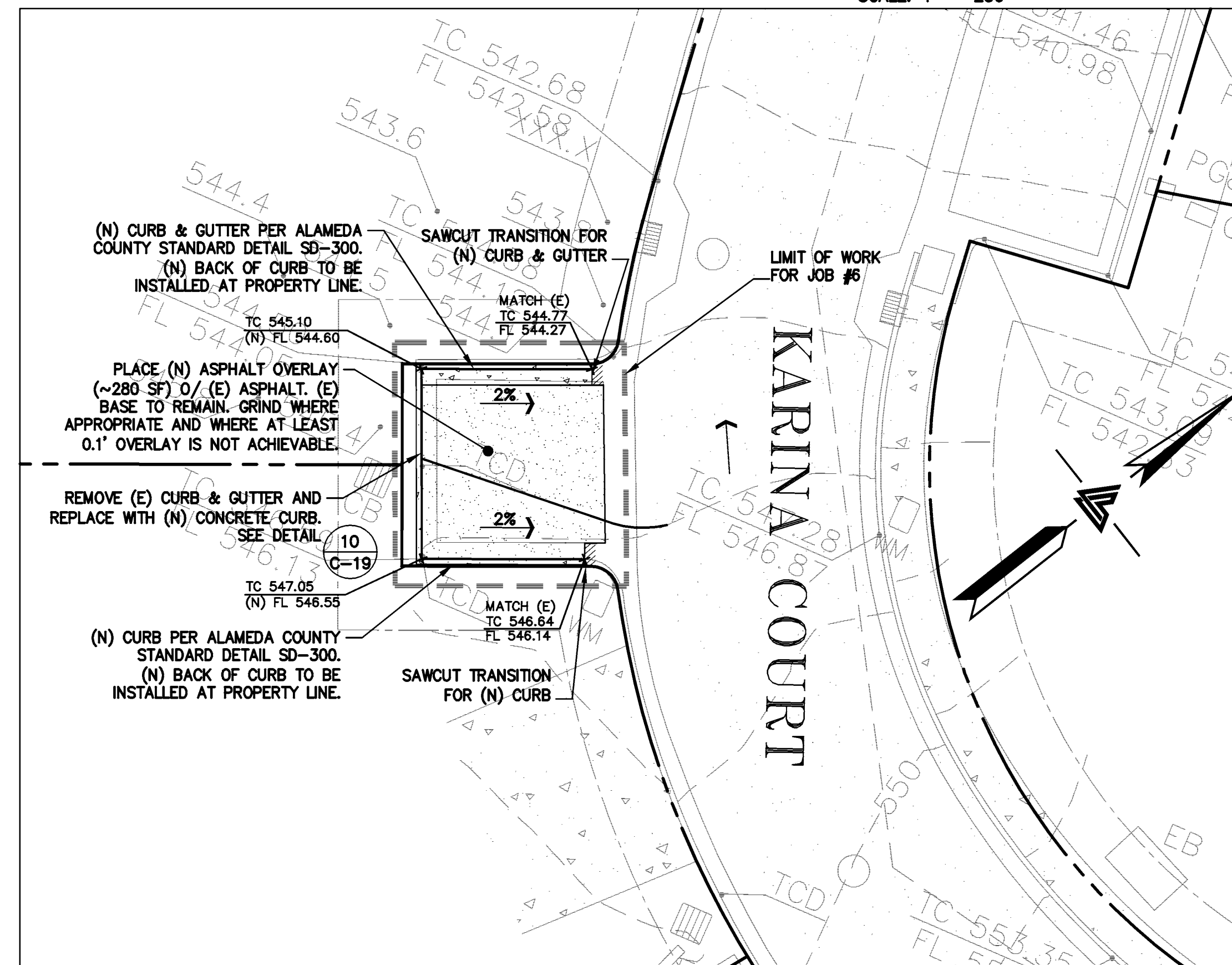
C-7 NTS



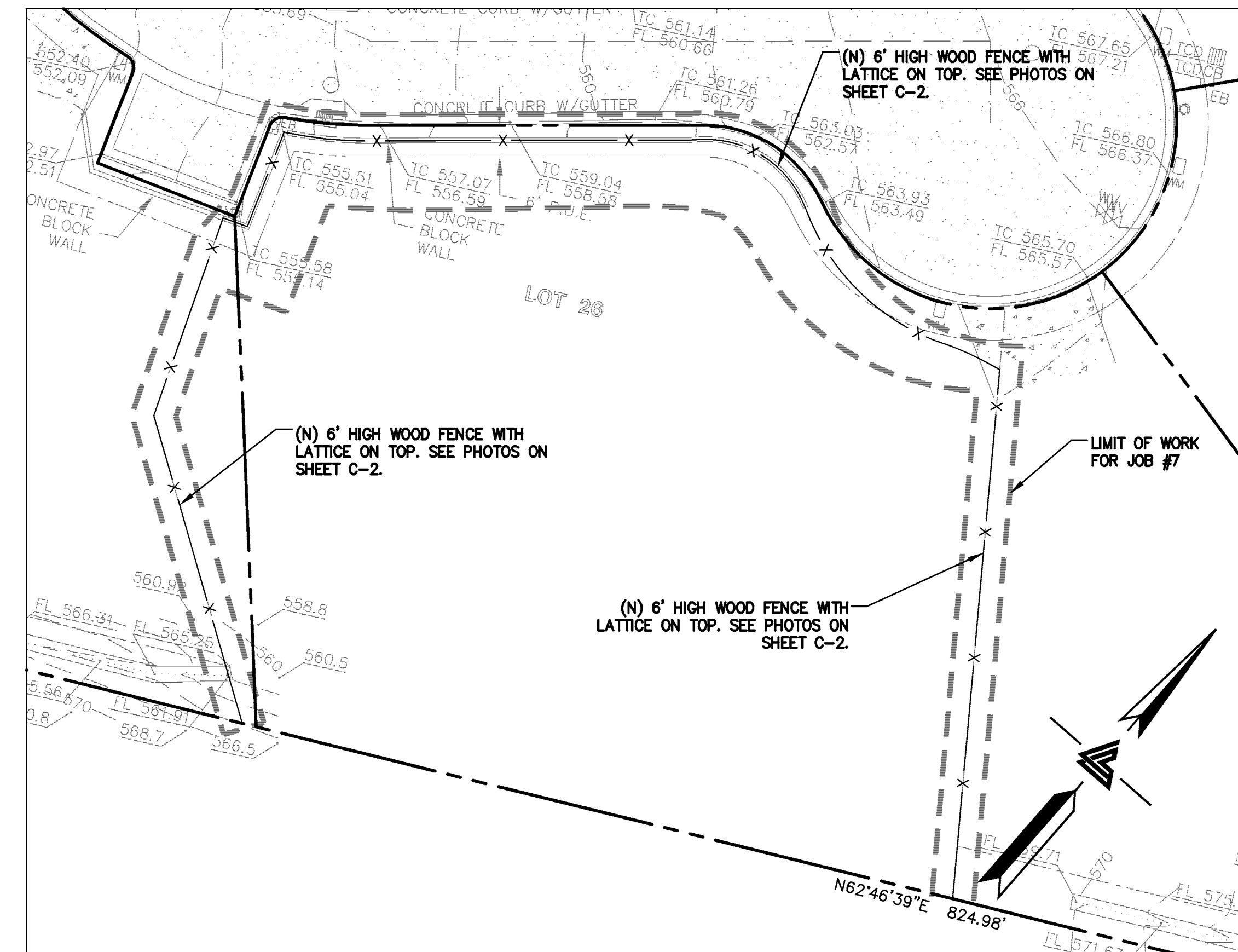
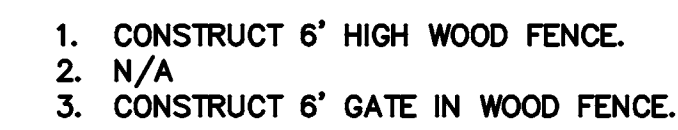
C-7 NTS



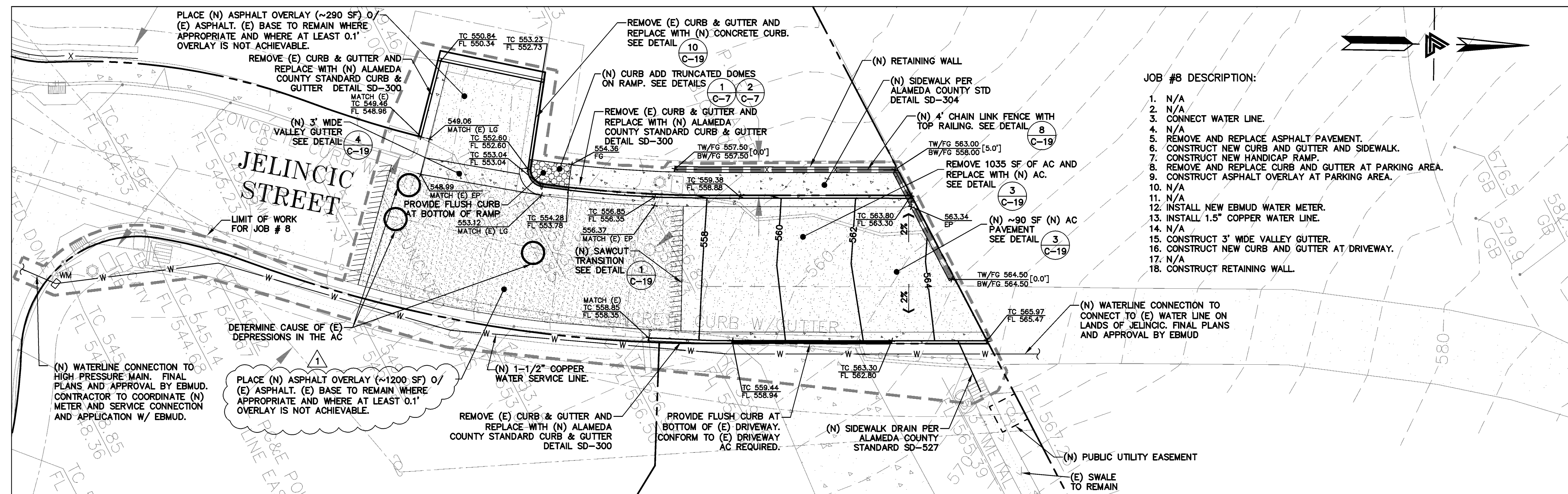
1. REMOVE AND REPLACE CURB AND GUTTER.
2. CONSTRUCT ASPHALT OVERLAY.
3. SAWCUT CURB AND GUTTER.



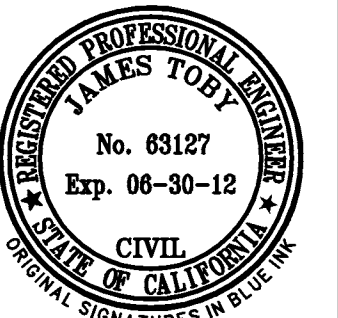
SCALE: 1" = 10'



SCALE: 1" = 20'



SCALE: 1" = 10'



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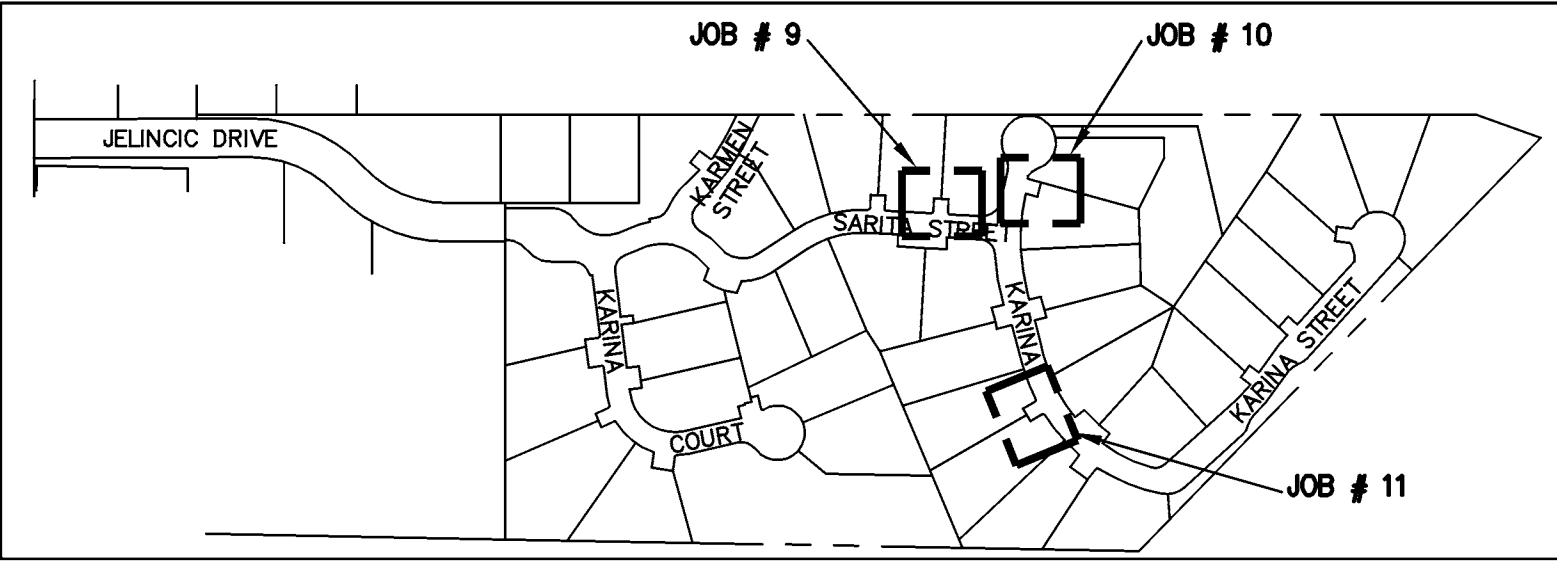
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TRACT 6102
JELINCIC DRIVE
EDEN TOWNSHIP
UNINCORPORATED ALAMEDA COUNTY

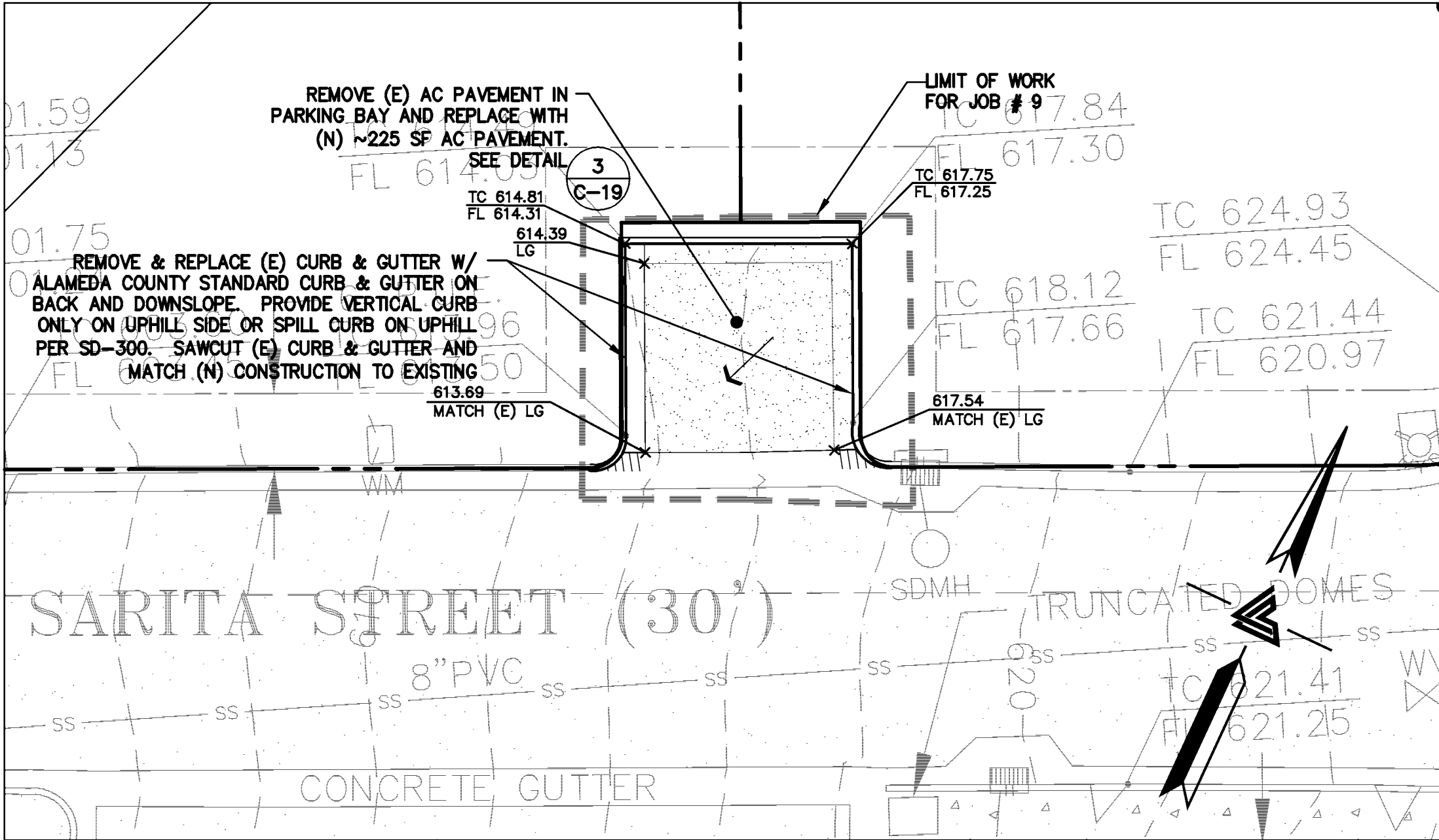
JOB # 6, 7, & 8

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REVISIONS		BY
JOB NO:		2100094
DATE:		8-5-11
SCALE:		AS NOTED
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C-7



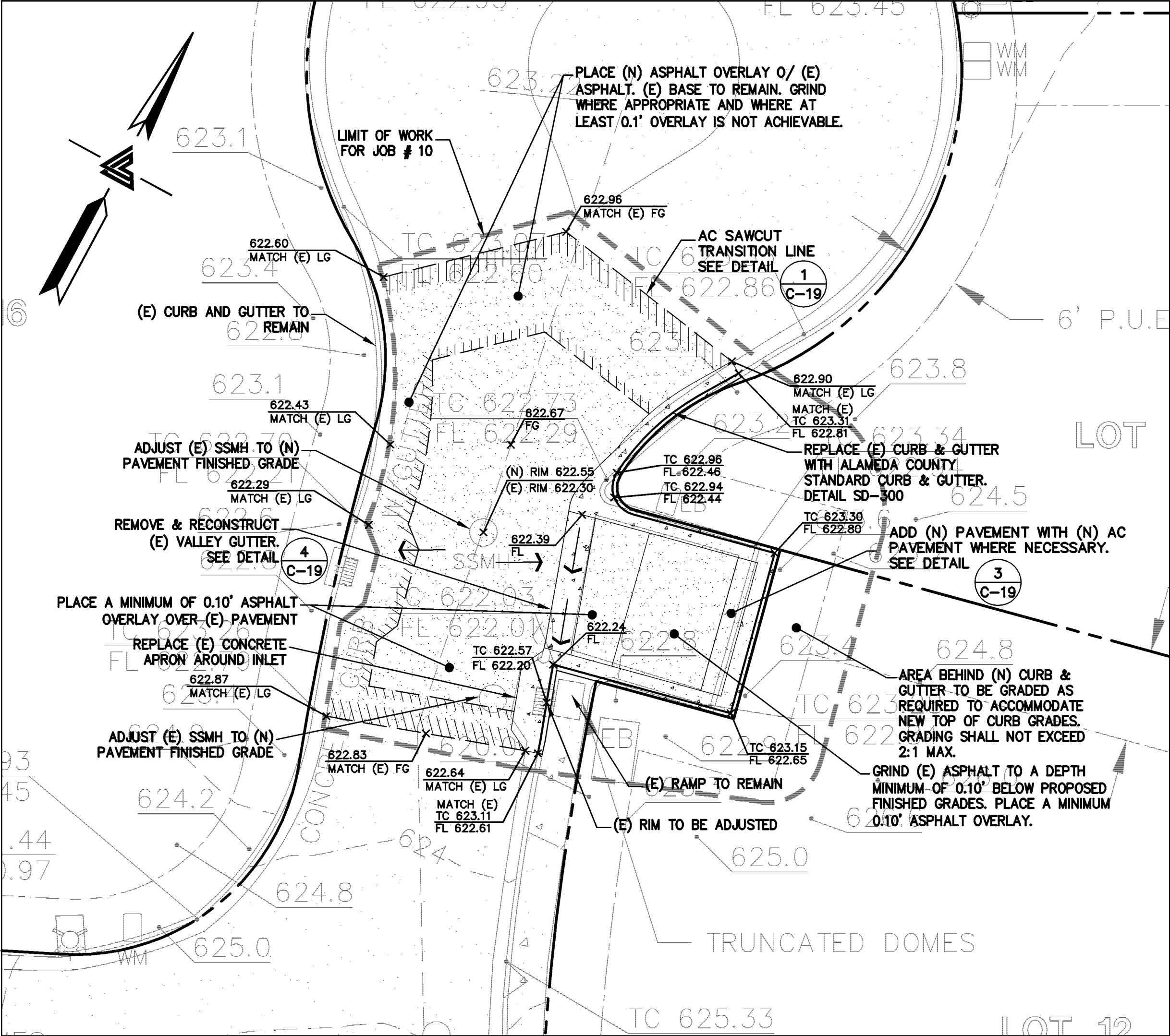
KEY MAP
SCALE: 1" = 250'



JOB #9 DESCRIPTION:

1. REMOVE AND REPLACE ASPHALT PAVEMENT.
2. REMOVE AND REPLACE CURB AND GUTTER.

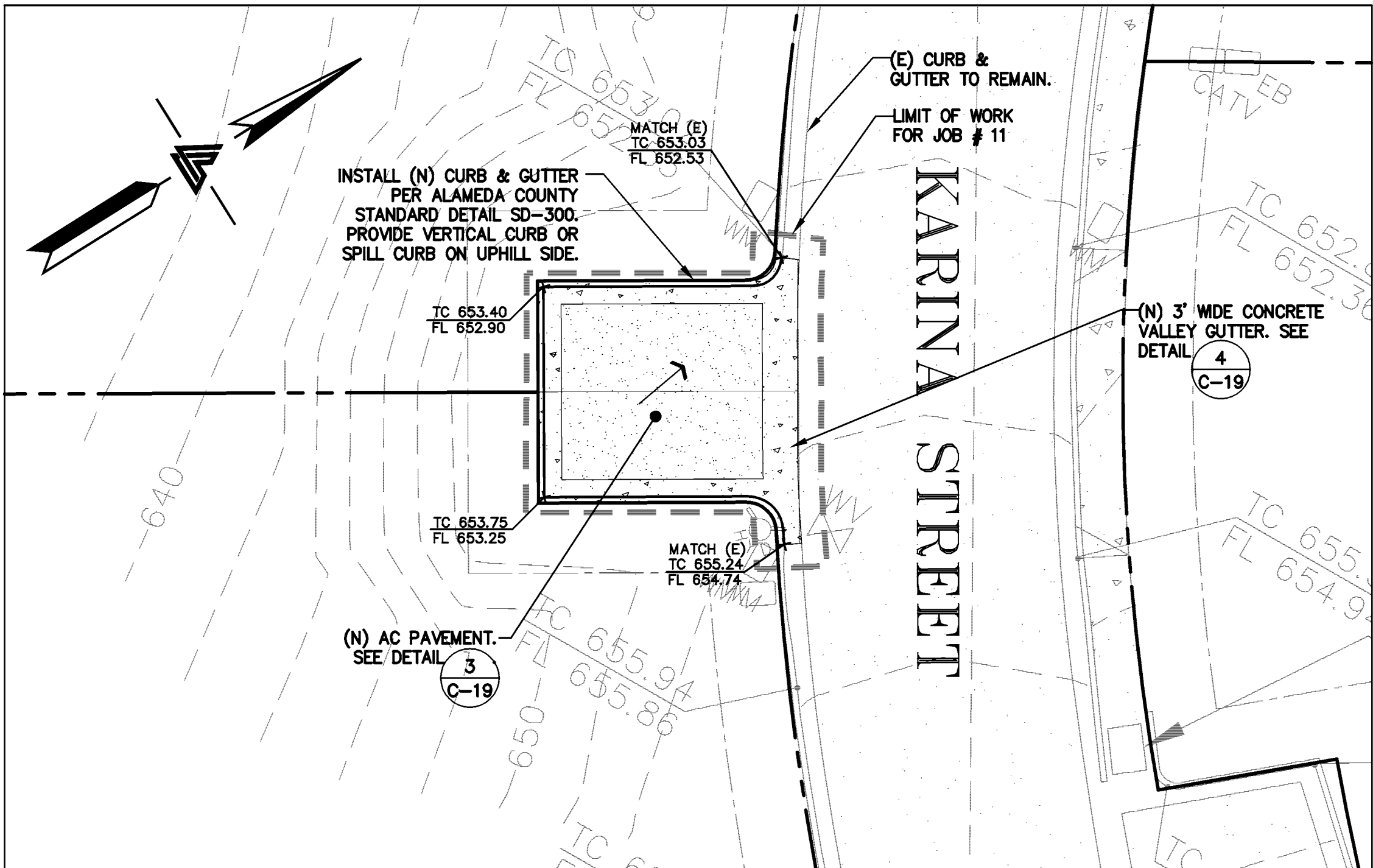
JOB # 9
SCALE: 1" = 10'



JOB # 10
SCALE: 1" = 10'

JOB #10 DESCRIPTION:

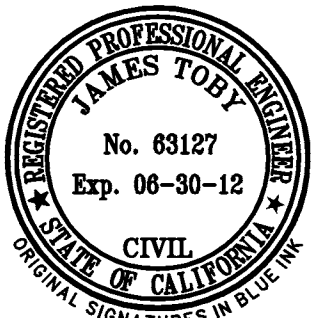
1. REMOVE AND REPLACE CURB AND GUTTER.
2. REMOVE AND REPLACE ASPHALT PAVEMENT.
3. ADJUST EXISTING CATCH BASIN.
4. ADJUST EXISTING MANHOLE.
5. REMOVE AND REPLACE VALLEY GUTTER.
6. CONSTRUCT ASPHALT OVERLAY.



JOB # 11
SCALE: 1" = 10'

JOB #11 DESCRIPTION:

1. CONSTRUCT NEW CURB AND GUTTER.
2. CONSTRUCT NEW ASPHALT PAVEMENT.
3. CONSTRUCT NEW VALLEY GUTTER.

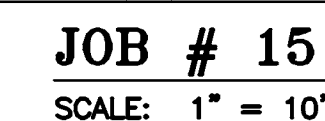
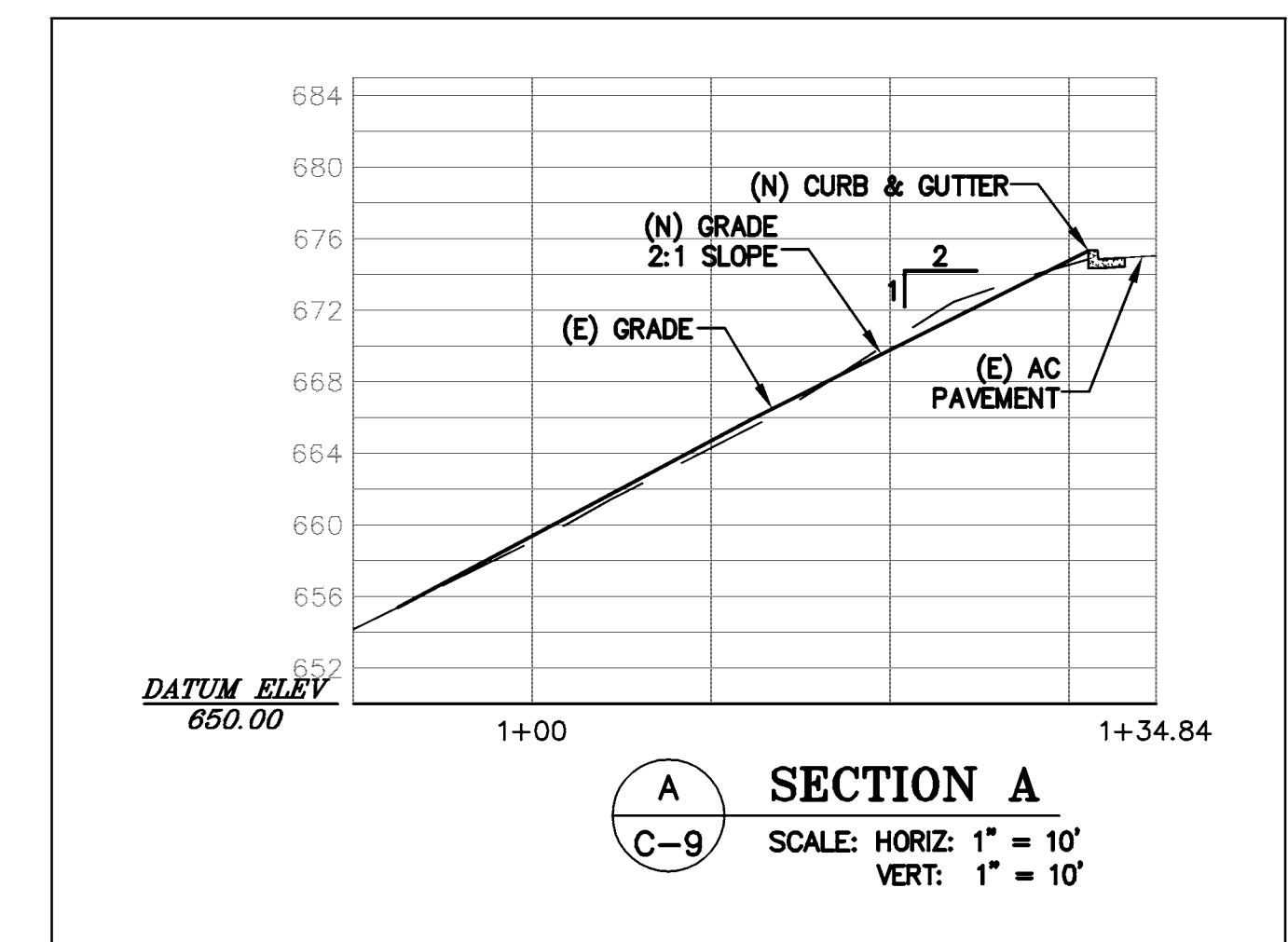
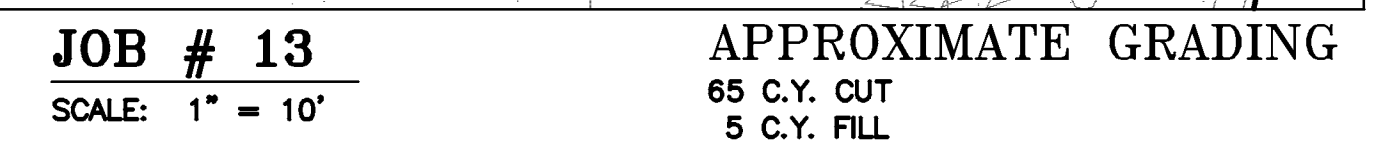
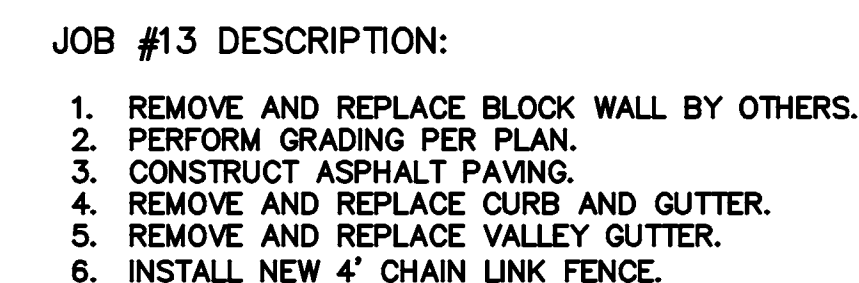
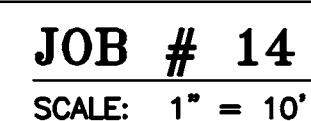
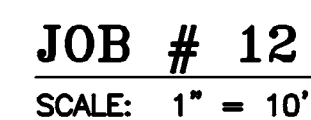
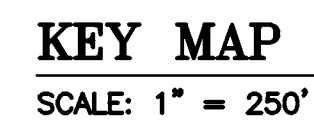


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TRACT 6102
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UNINCORPORATED ALAMEDA COUNTY

JOB # 9, 10 & 11

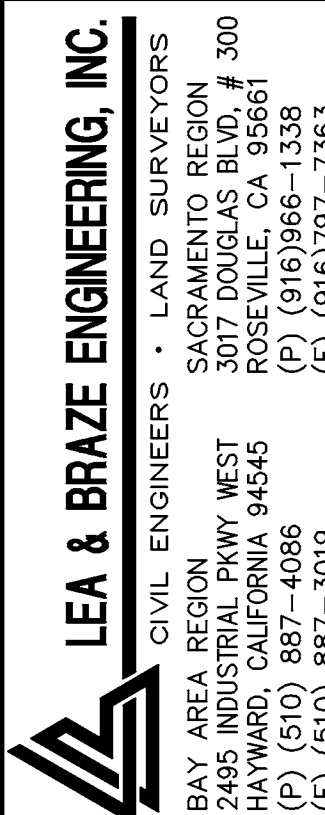
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JOB NO:	2100094
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SCALE:	AS NOTED
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SHEET NO:	



JOB # 12, 13, 14 & 15

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REVISIONS	BY
JOB NO:	2100094
DATE:	8-5-11
SCALE:	AS NOTED
DESIGN BY:	JR/RC
DRAWN BY:	TB
SHEET NO:	

C-9

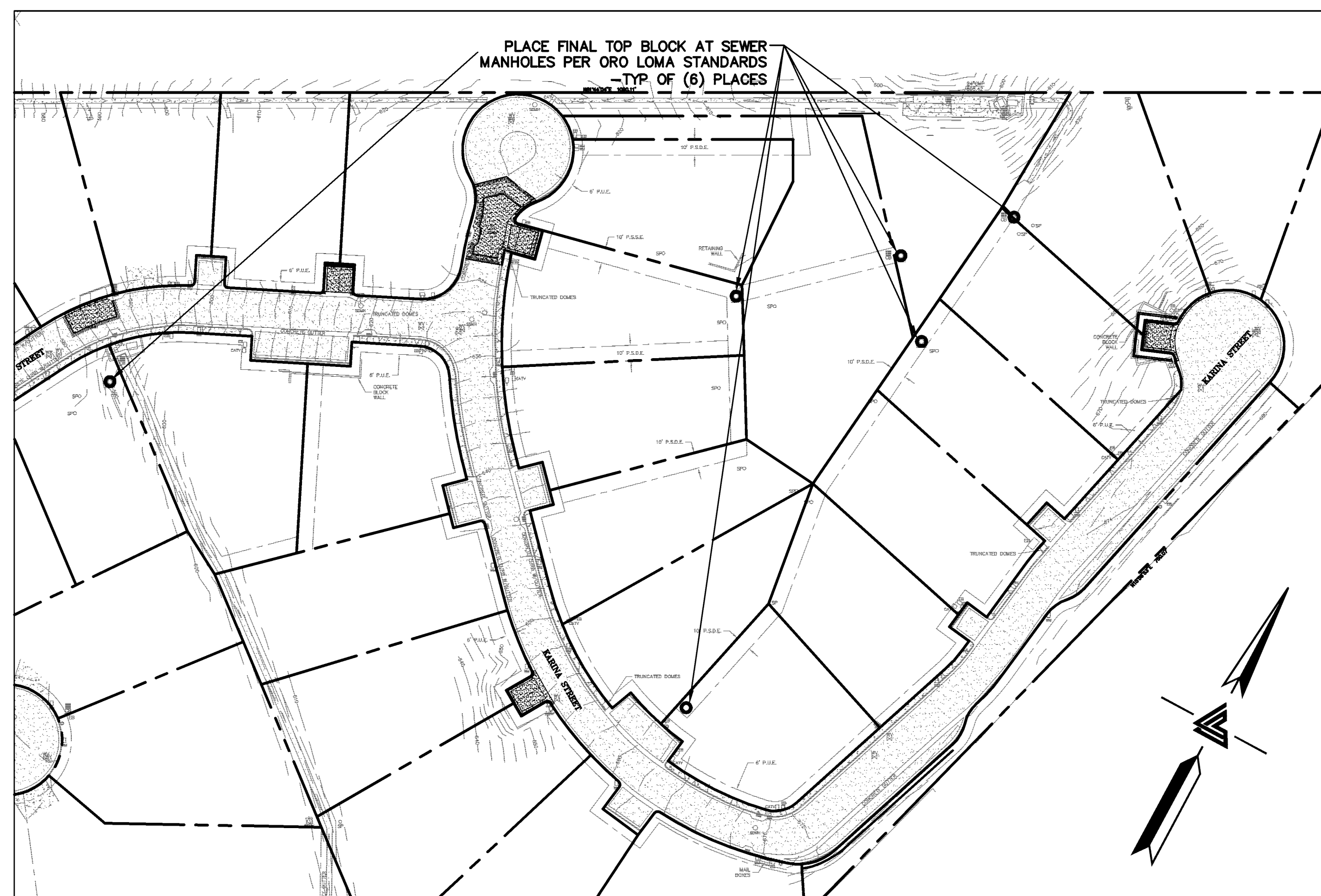


TRACT 6102
JELINCIC DRIVE
EDEN TOWNSHIP

JOB # 18 & # 19

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REVISIONS	
JOB NO:	210009
DATE:	8-5-17
SCALE:	AS NOTED
DESIGN BY:	JR/RC
DRAWN BY:	TB
SHEET NO:	

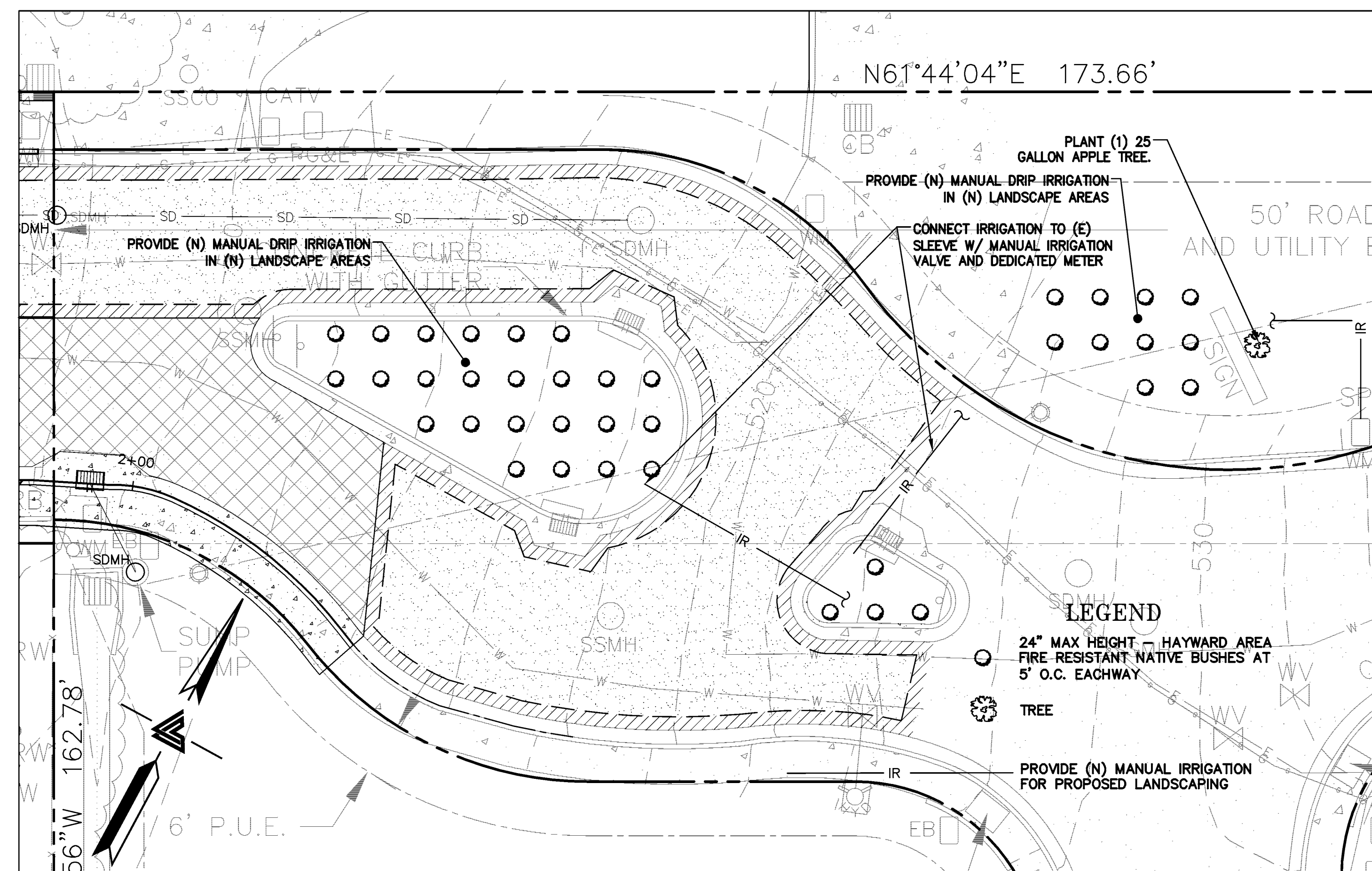
C-11
11 OF 22 SHEETS



SSMH TOP BLOCK INSTALLATION - JOB # 18
SCALE: 1" = 60'

JOB #18 DESCRIPTION:

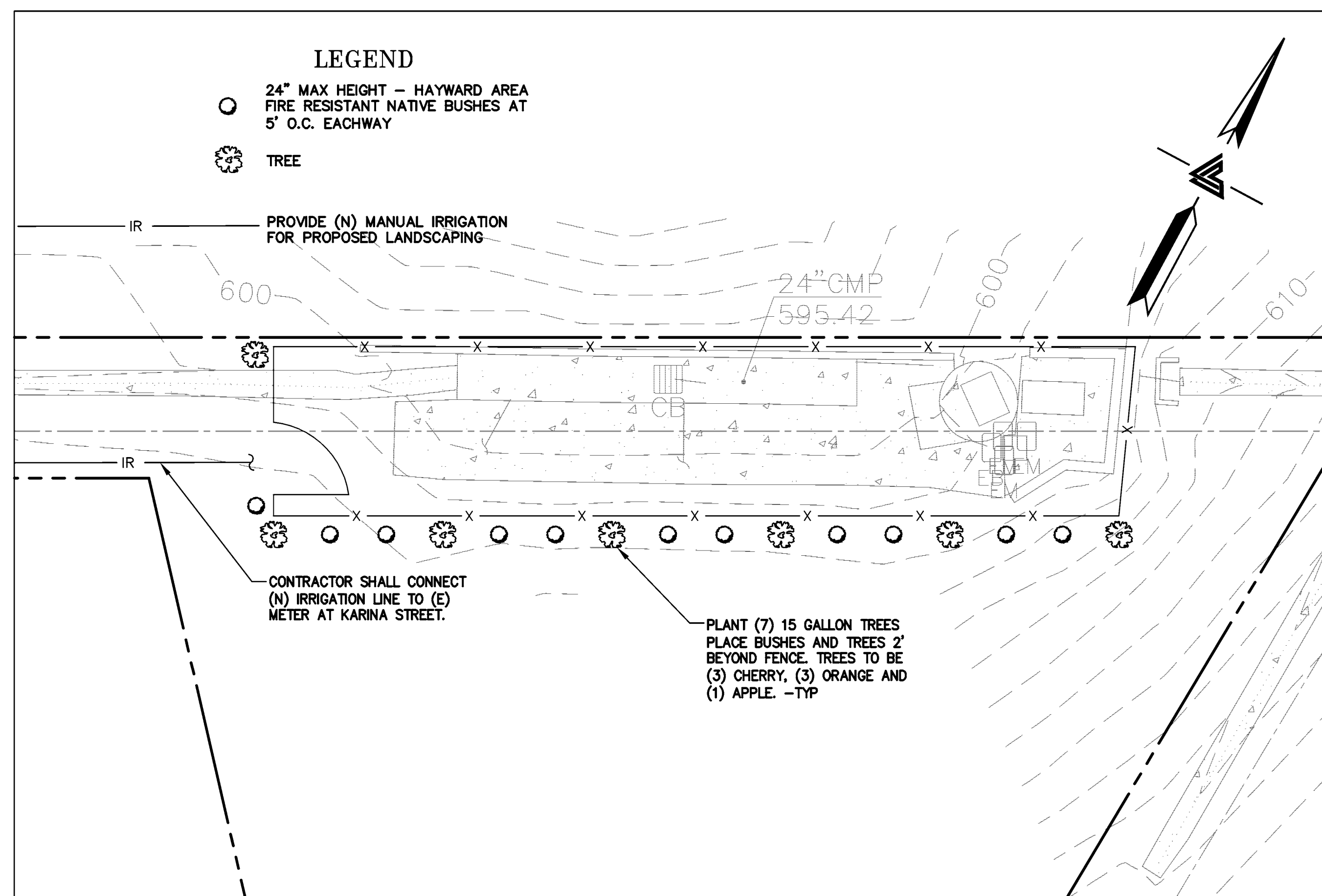
1. REMOVE AND REPLACE SEWER MANHOLE TOP BLOCKS.



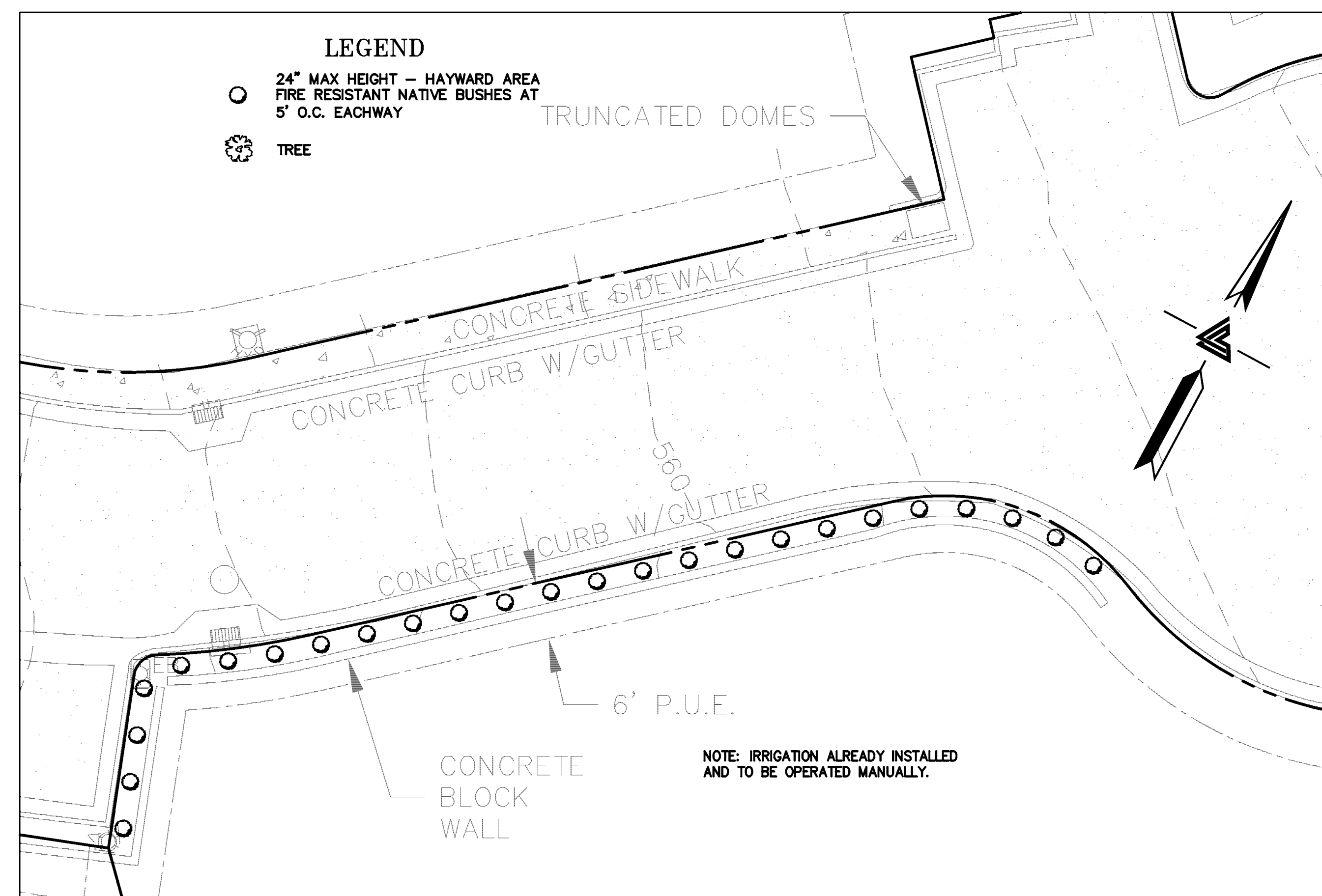
JOB # 19
SCALE: 1" = 10'

JOB #19 DESCRIPTION:

1. INSTALL LANDSCAPING AT THREE LOCATIONS WITH MANUAL IRRIGATION.



JOB # 19
SCALE: 1" = 10'



JOB # 19
SCALE: 1" = 10'



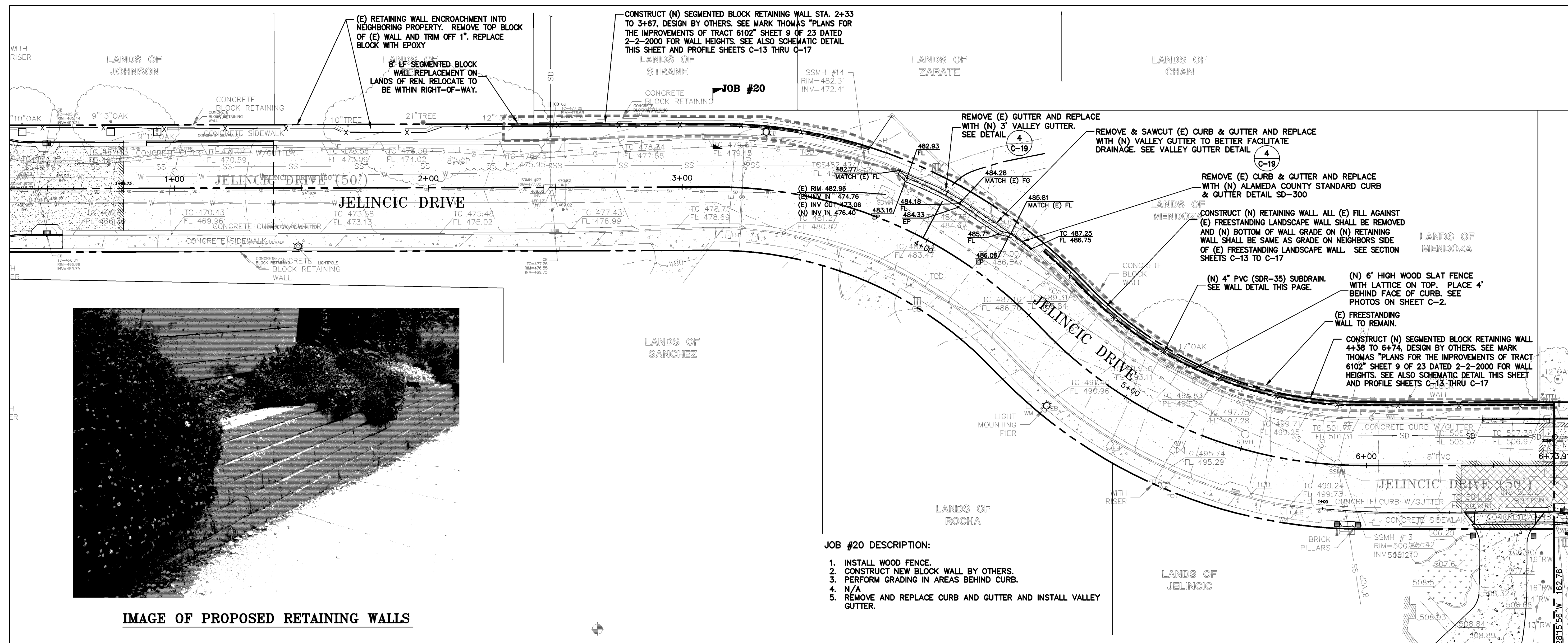
TRACT 6102
JELINCIC DRIVE
EDEN TOWNSHIP

JOB # 20

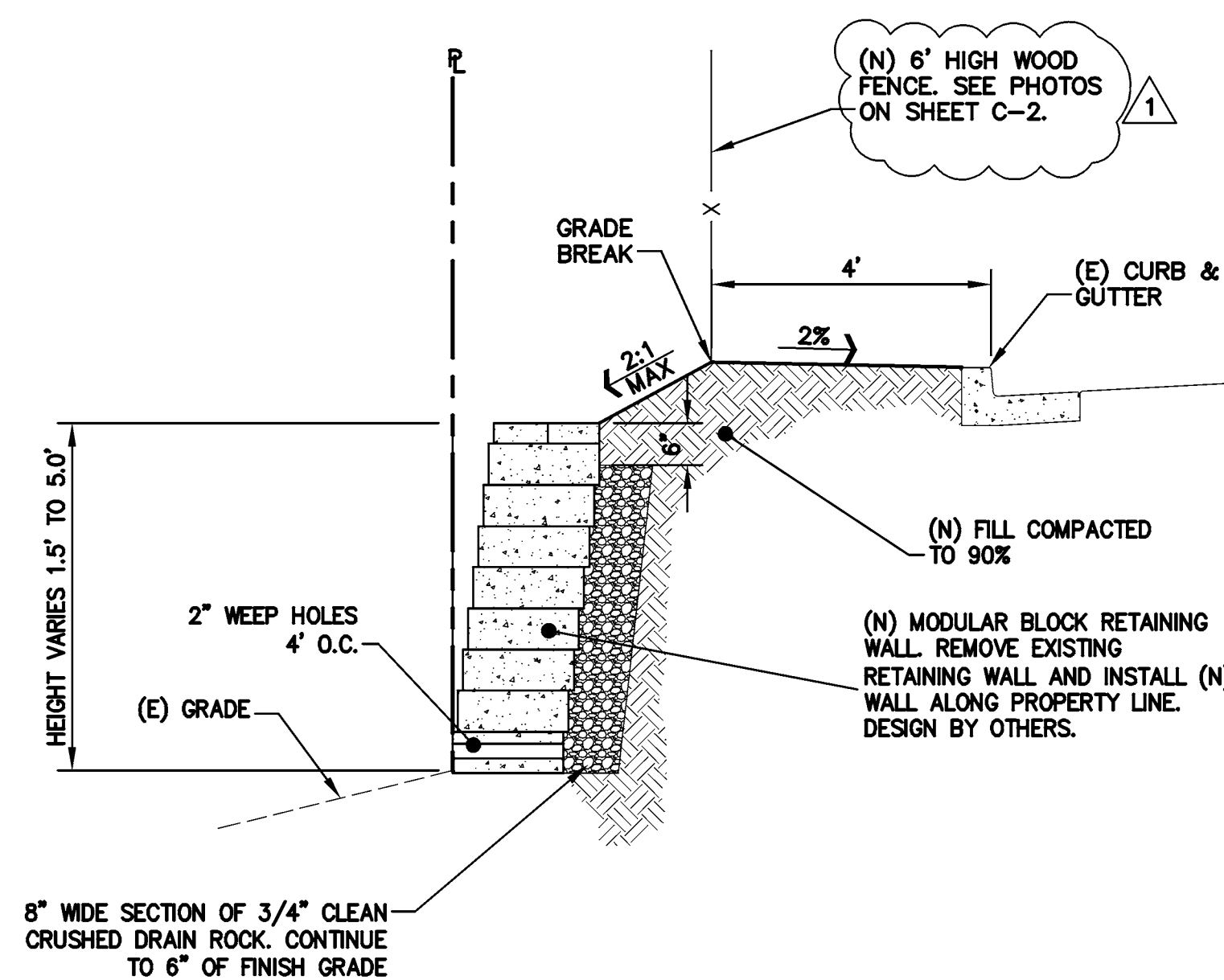
1	REVISION 8-16-2011	
-		
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REVISIONS		
JOB NO:		210009
DATE:		8-5-1
SCALE:		AS NO
DESIGN BY:		JR/RC
DRAWN BY:		TB
SHEET NO:		

C-12

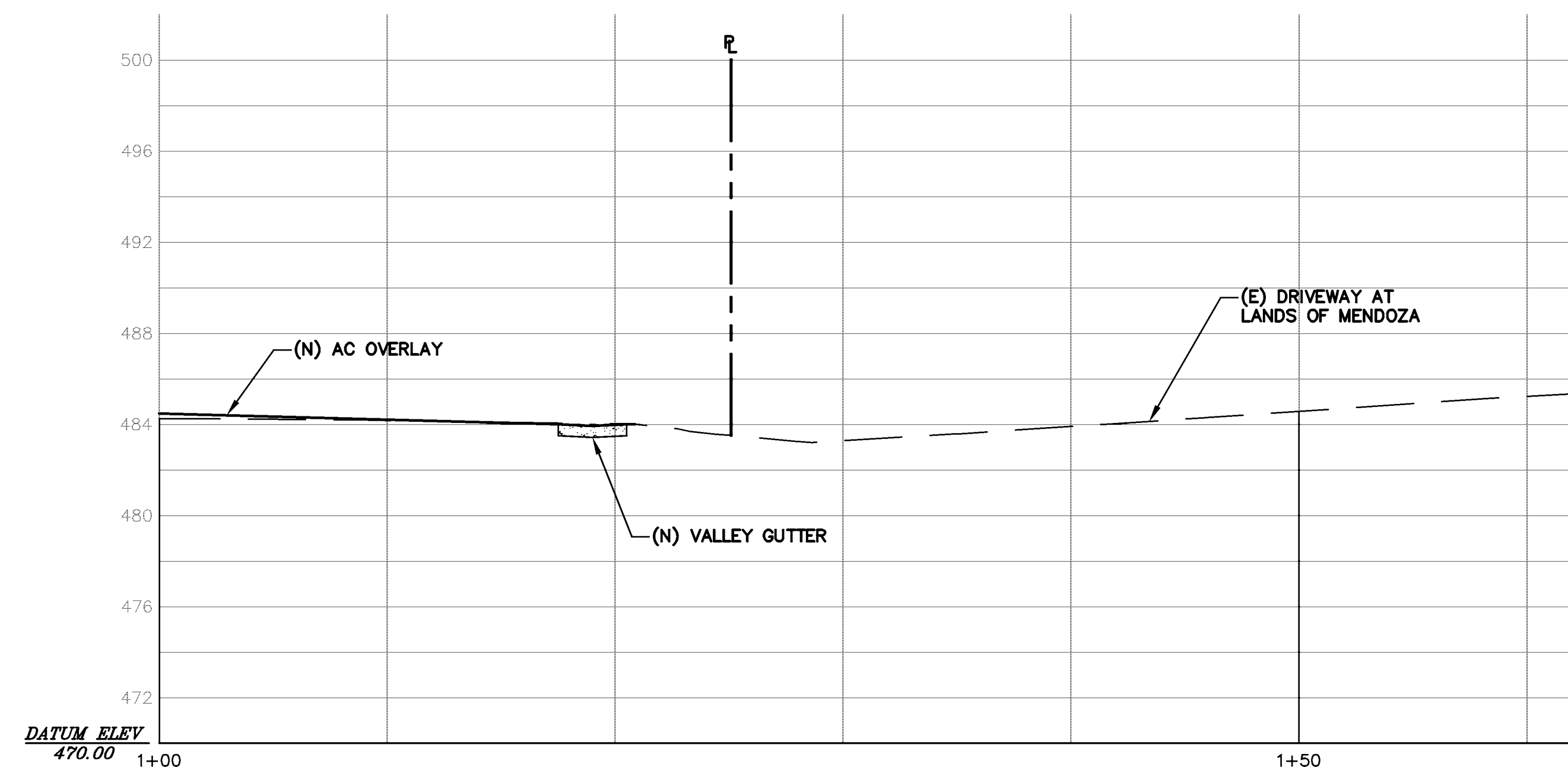
12 OF 22 SHEET



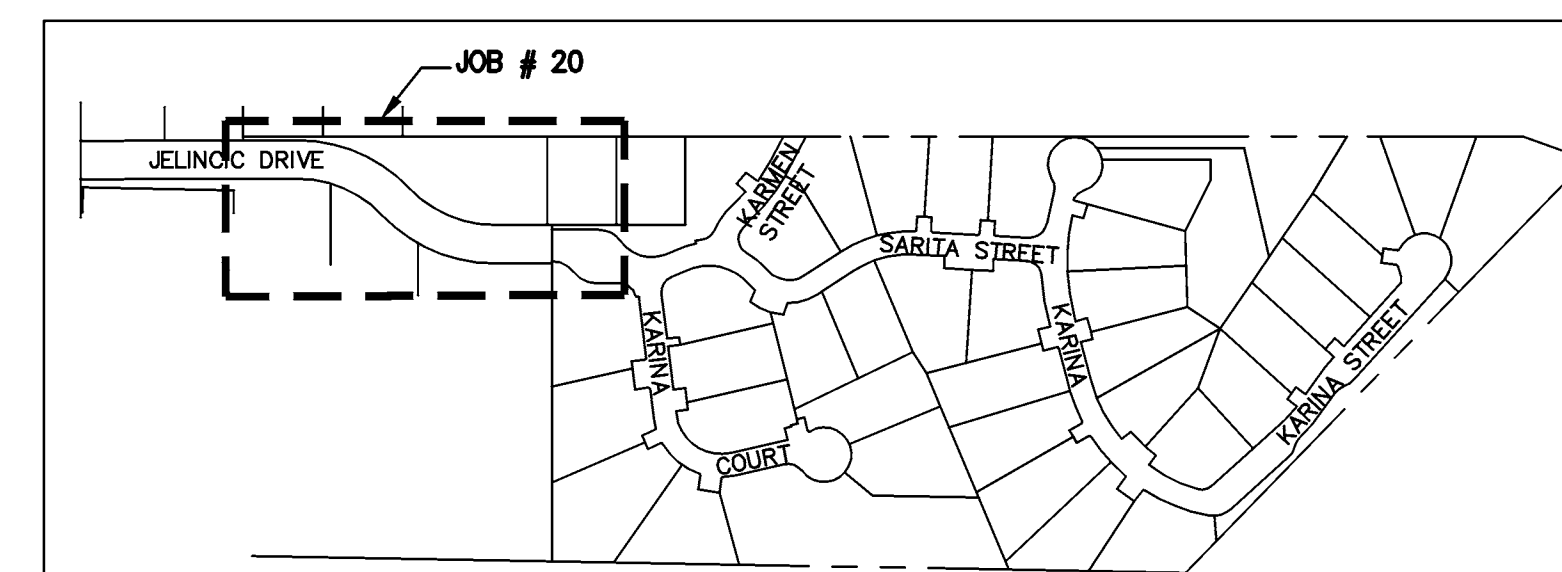
JOB # 20
SCALE: 1" = 20'

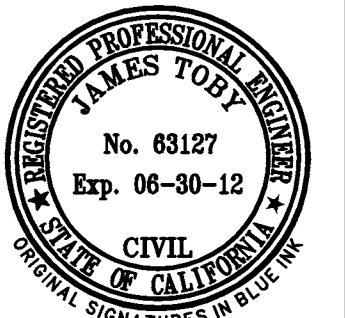


SECTION - JOB # 20
NTS



CENTERLINE PROFILE
MENDOZA DRIVEWAY
SCALE: 1" = 5' HORIZ & VERT





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EDEN TOWNSHIP
UNINCORPORATED ALAMEDA COUNTY

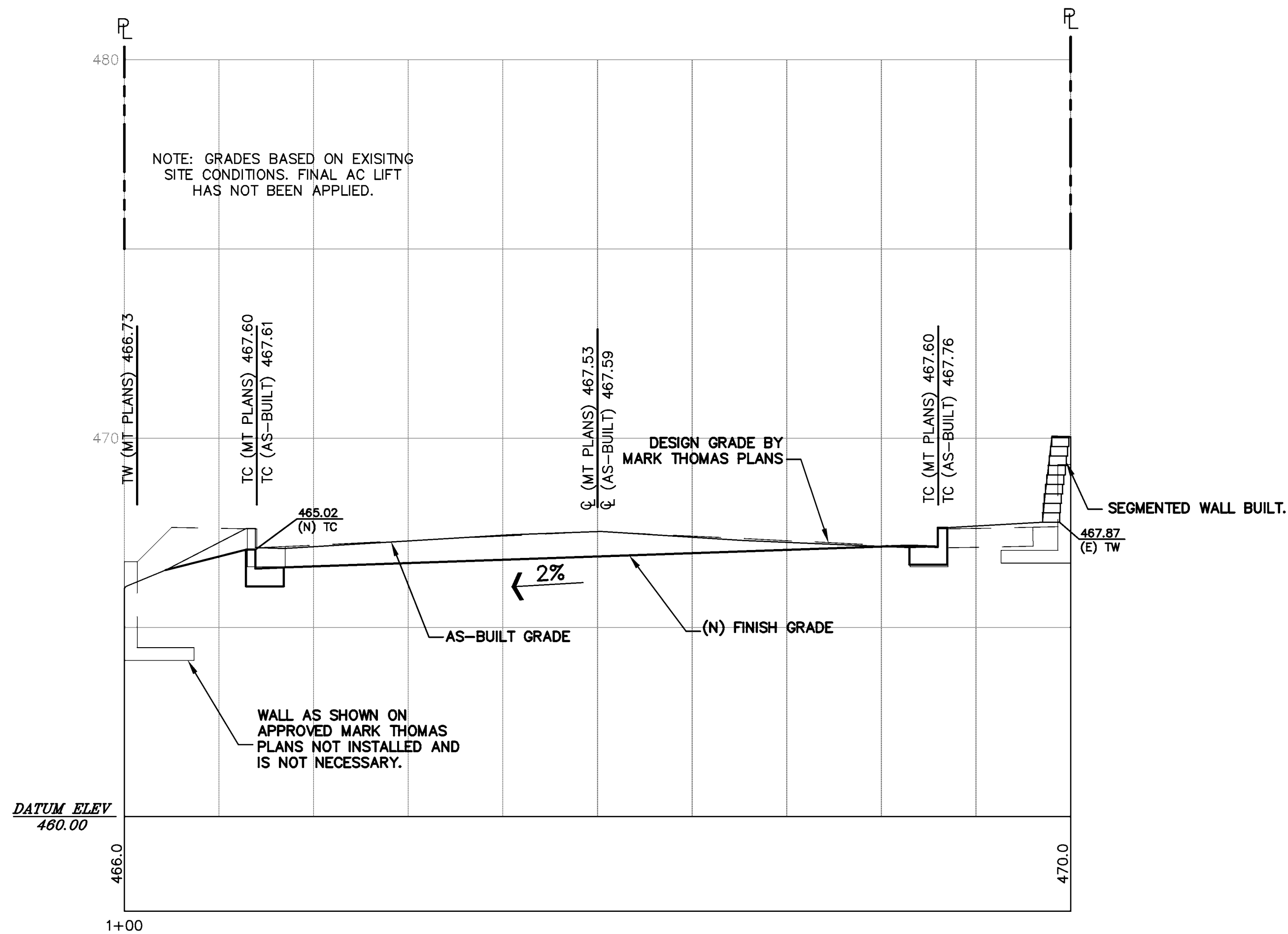
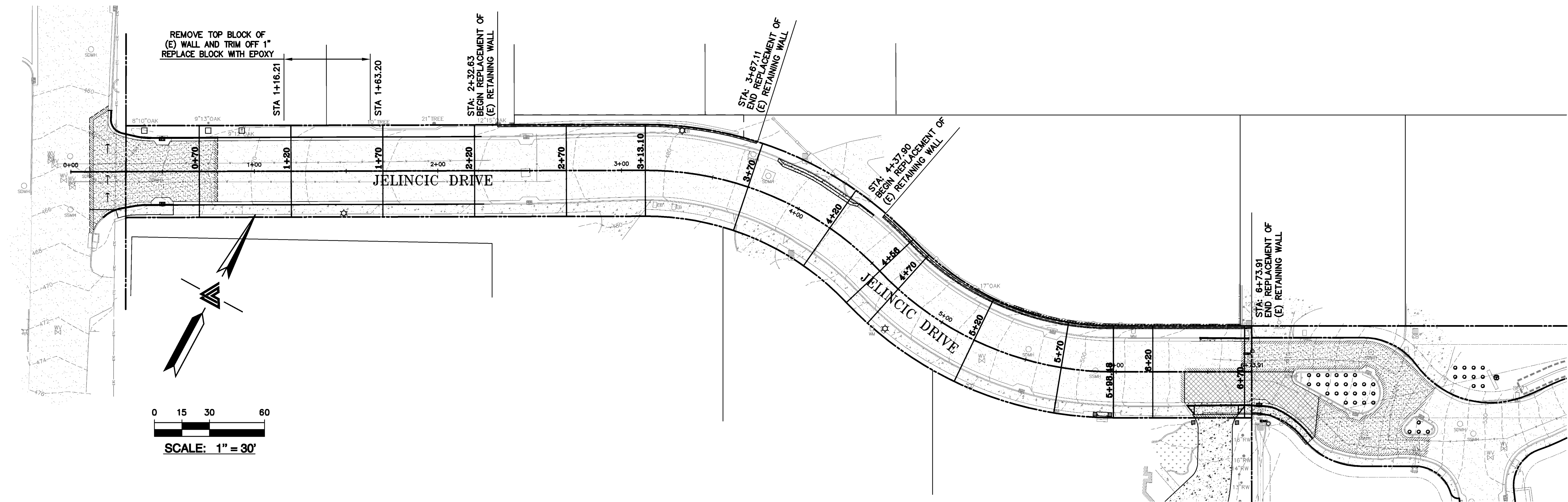
JOB # 20
SECTIONS
STA 0+70 TO 1+20

REVISIONS	BY

JOB NO: 2100094
DATE: 8-5-11
SCALE: 1" = 30'
DESIGN BY: JR/RC
DRAWN BY: TB
SHEET NO:

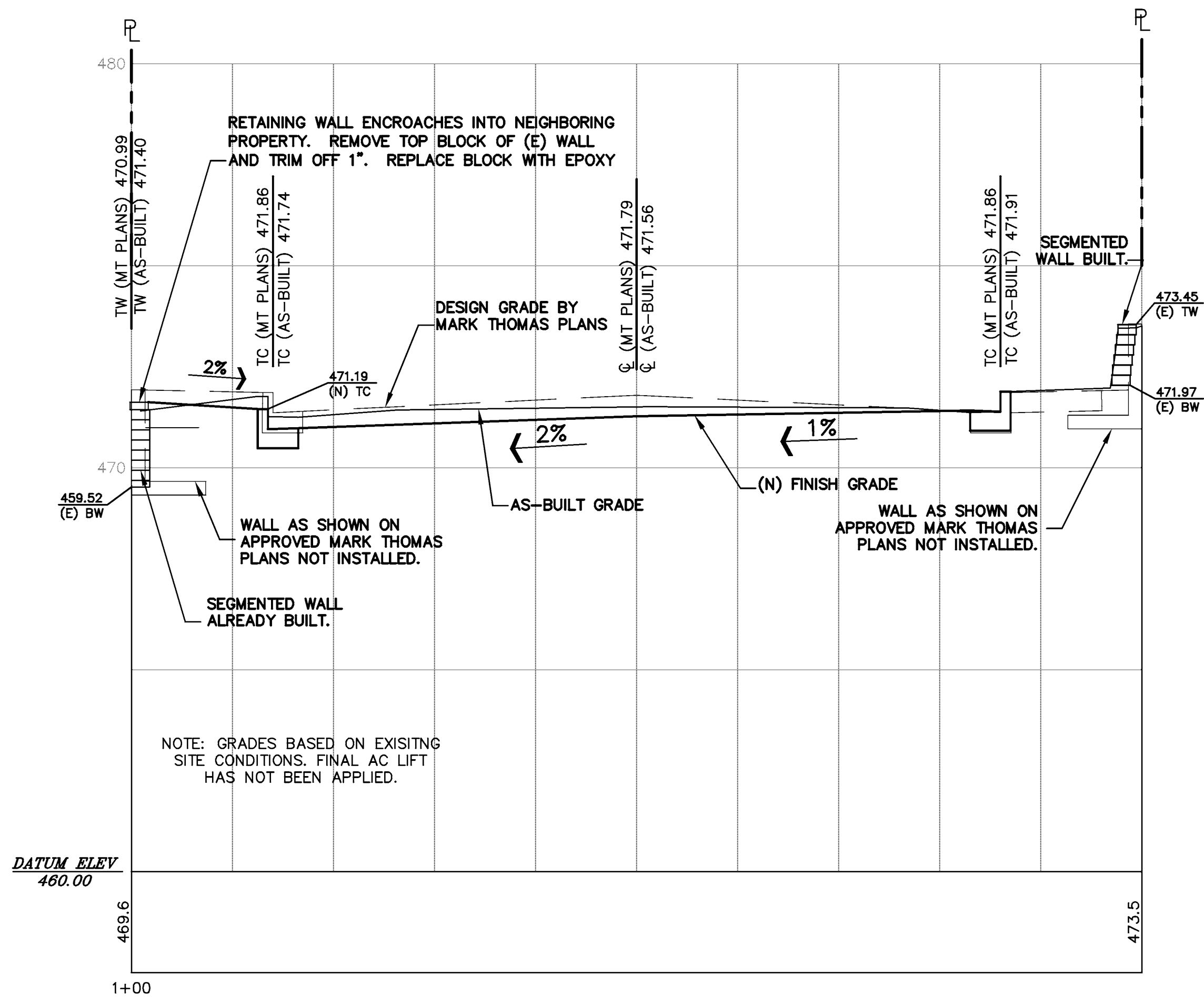
C-13

13 OF 22 SHEETS



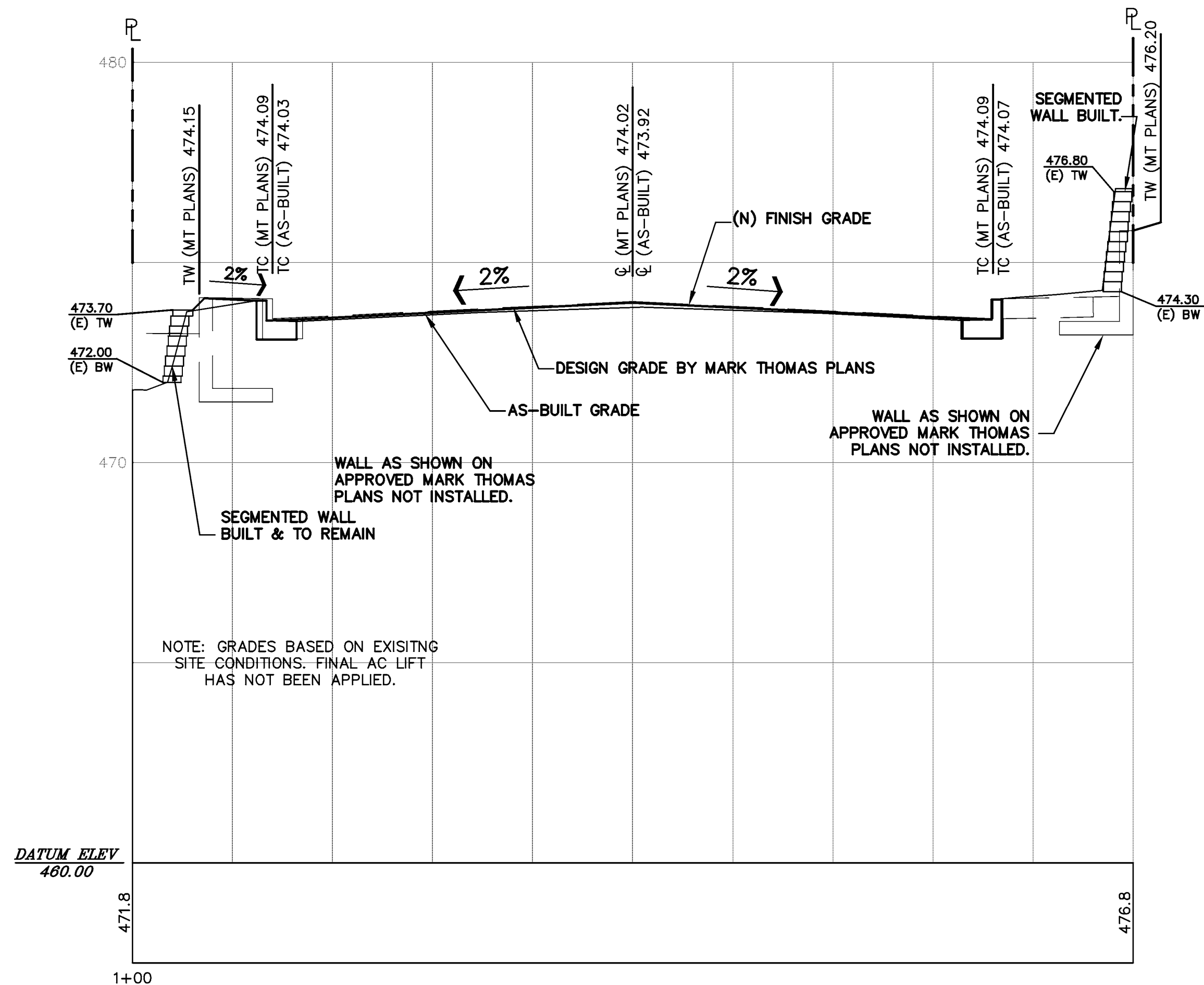
STATION 0+70

1"=5' HOR & 1"=2.5' VERT



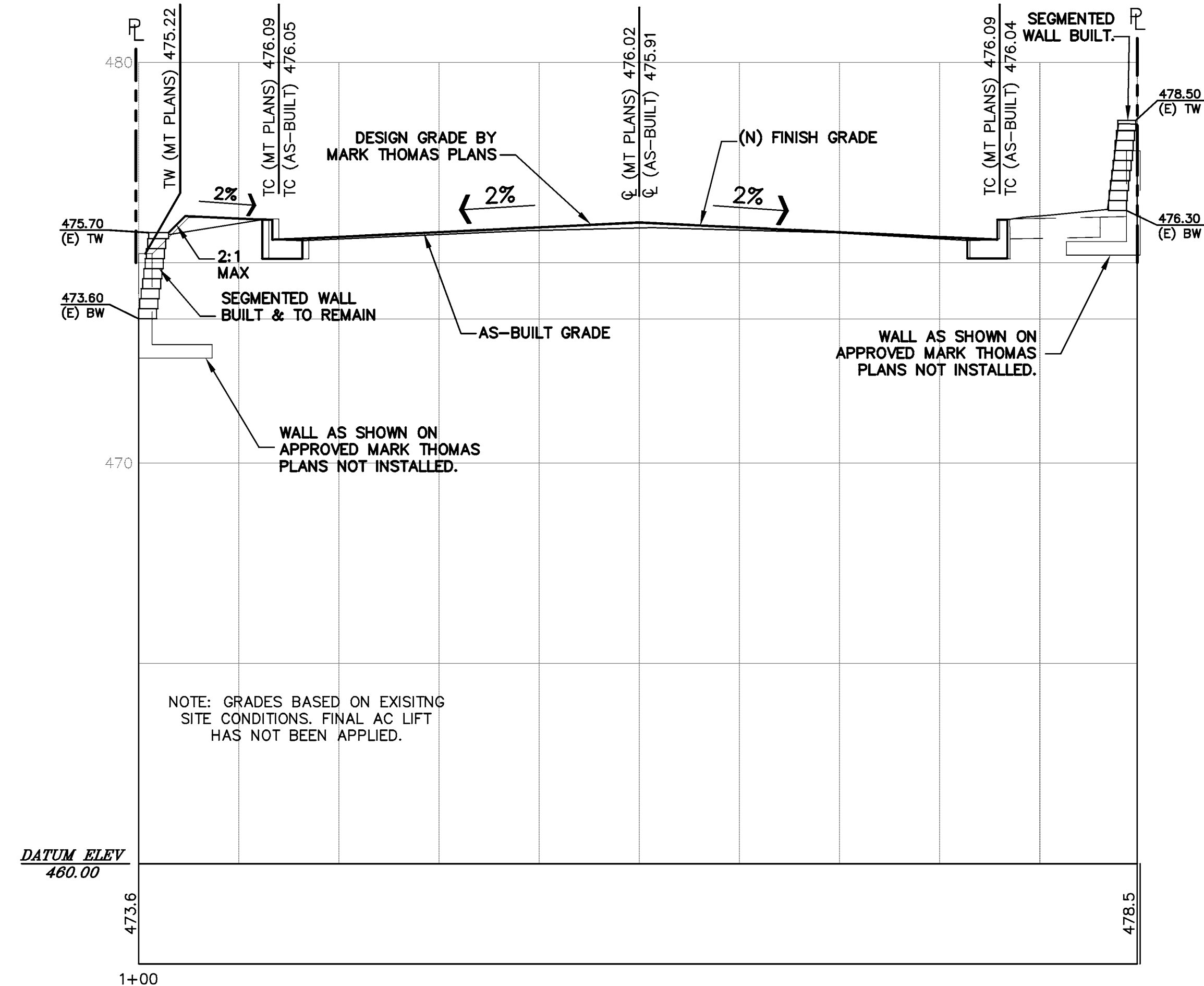
STATION 1+20

1"=5' HOR & 1"=2.5' VERT



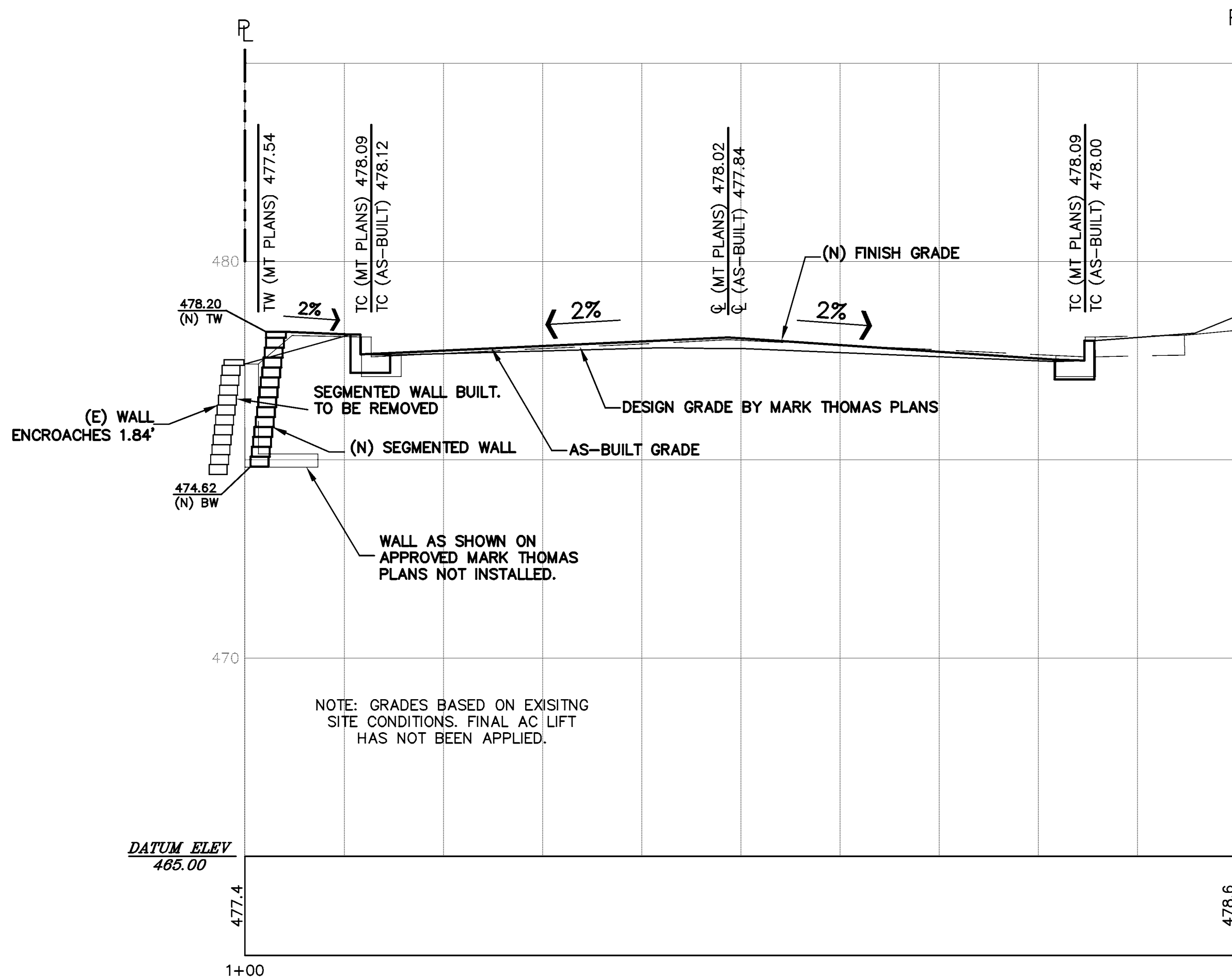
STATION 1+70

1"=5' HOR & 1"=2.5' VERT



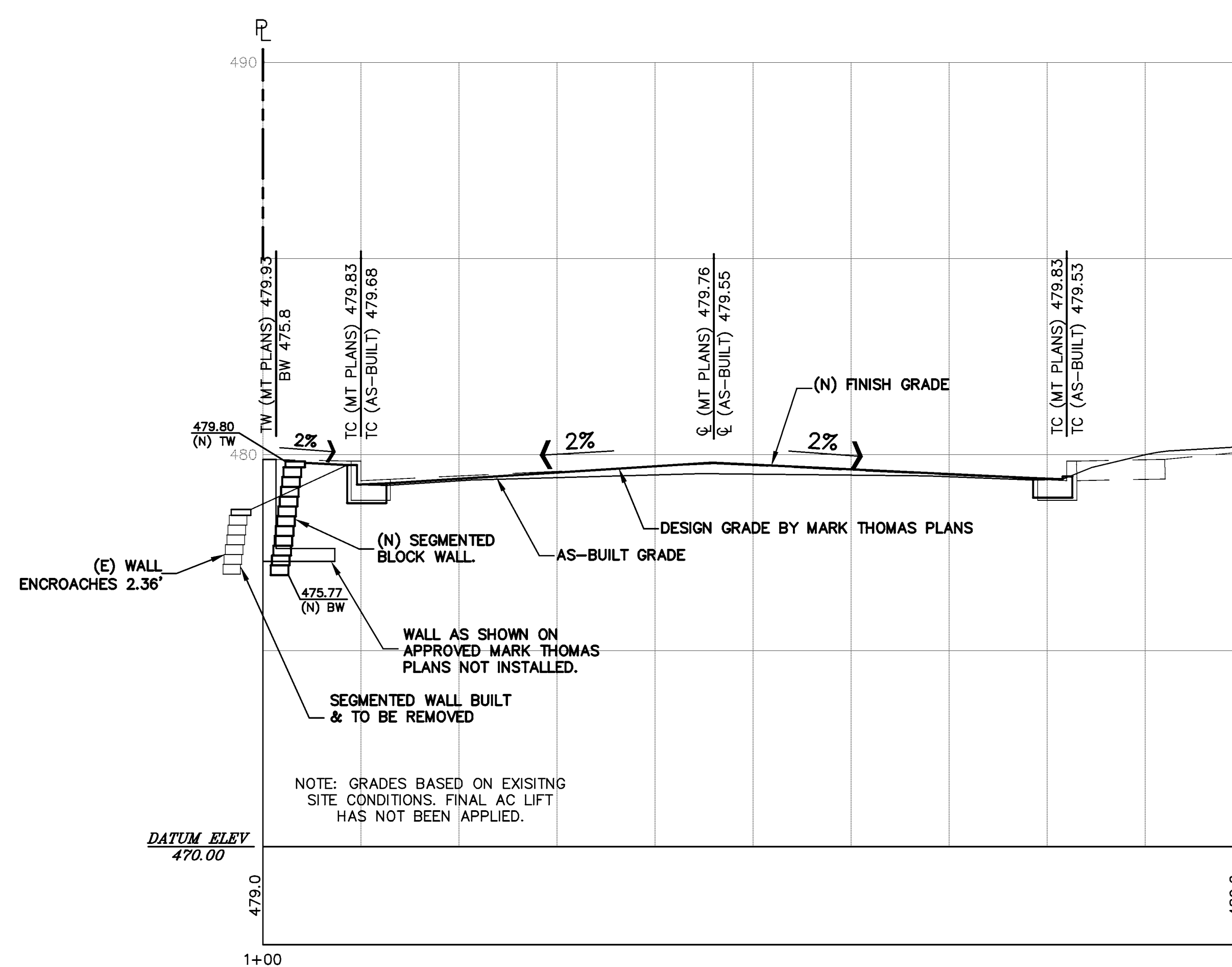
STATION 2+20

1"=5' HOR & 1"=2.5' VERT



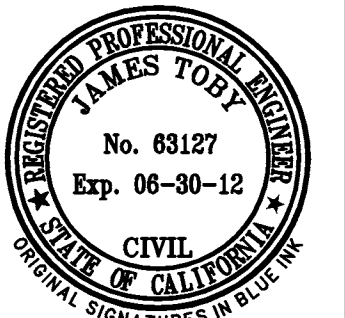
STATION 2+70

1"=5' HOR & 1"=2.5' VERT



STATION 3+13.10

1"=5' HOR & 1"=2.5' VERT



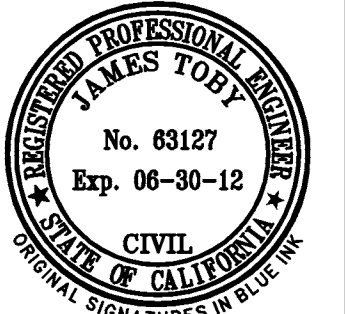
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 UNINCORPORATED ALAMEDA COUNTY

JOB # 20
SECTIONS
STA 1+70 TO 3+13.10

REVISIONS	BY
JOB NO:	2100094
DATE:	8-5-11
SCALE:	1" = 30'
DESIGN BY:	JR/RC
DRAWN BY:	TB
SHEET NO:	

C-14



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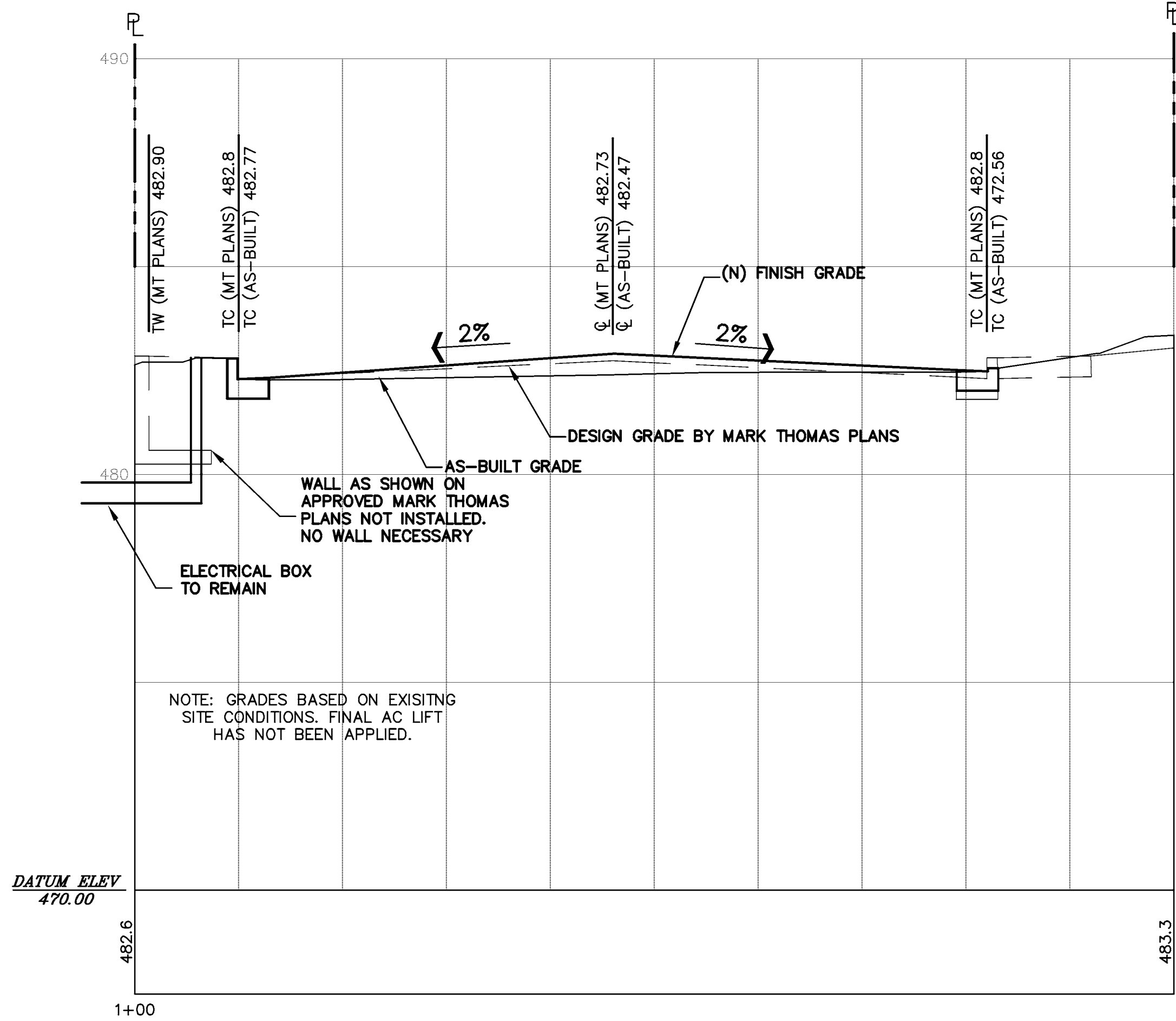
TRACT 6102
JELINCIC DRIVE
EDEN TOWNSHIP
UNINCORPORATED ALAMEDA COUNTY

JOB # 20
SECTIONS
STA 3+70 TO 4+70

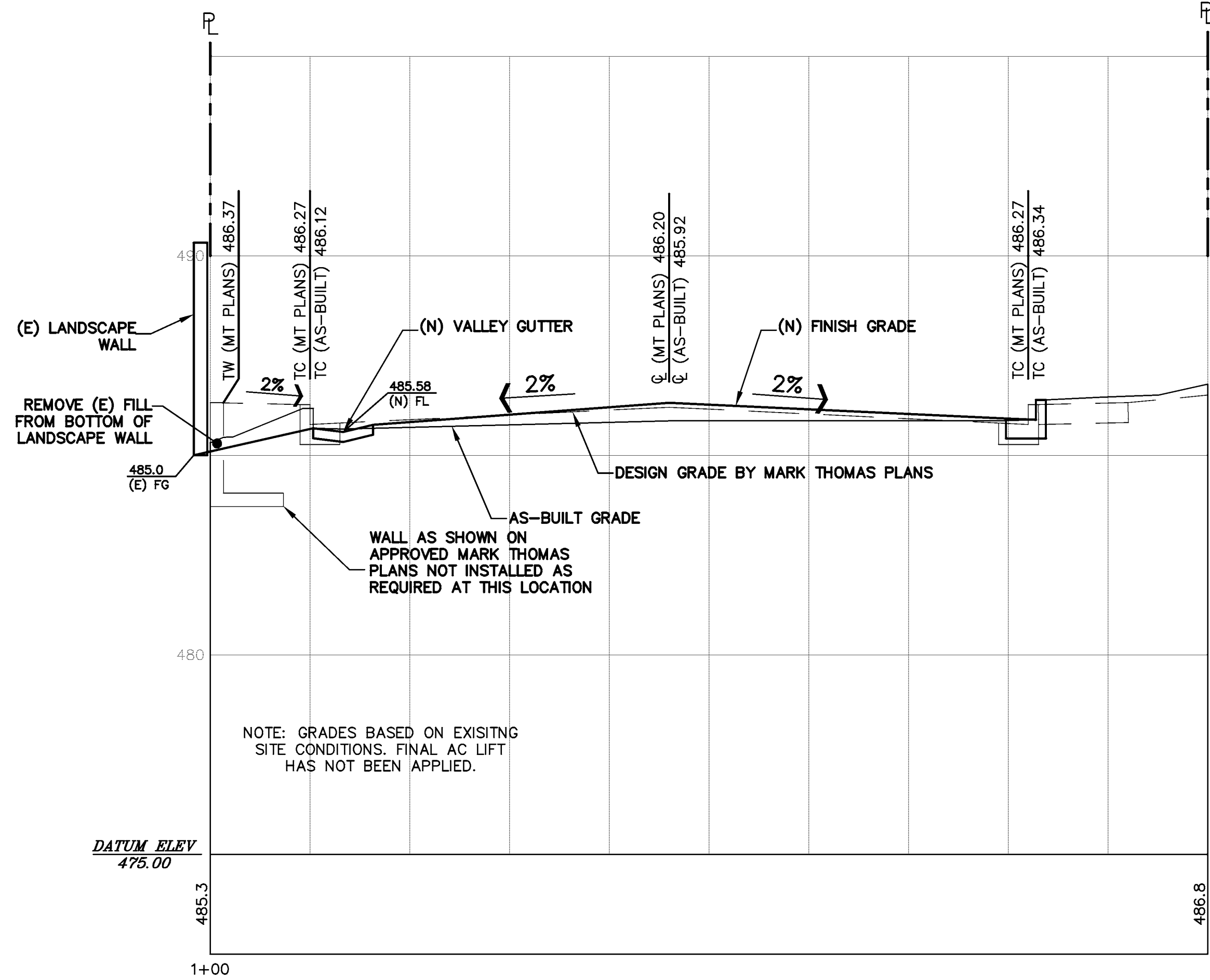
REVISIONS	BY
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C-15

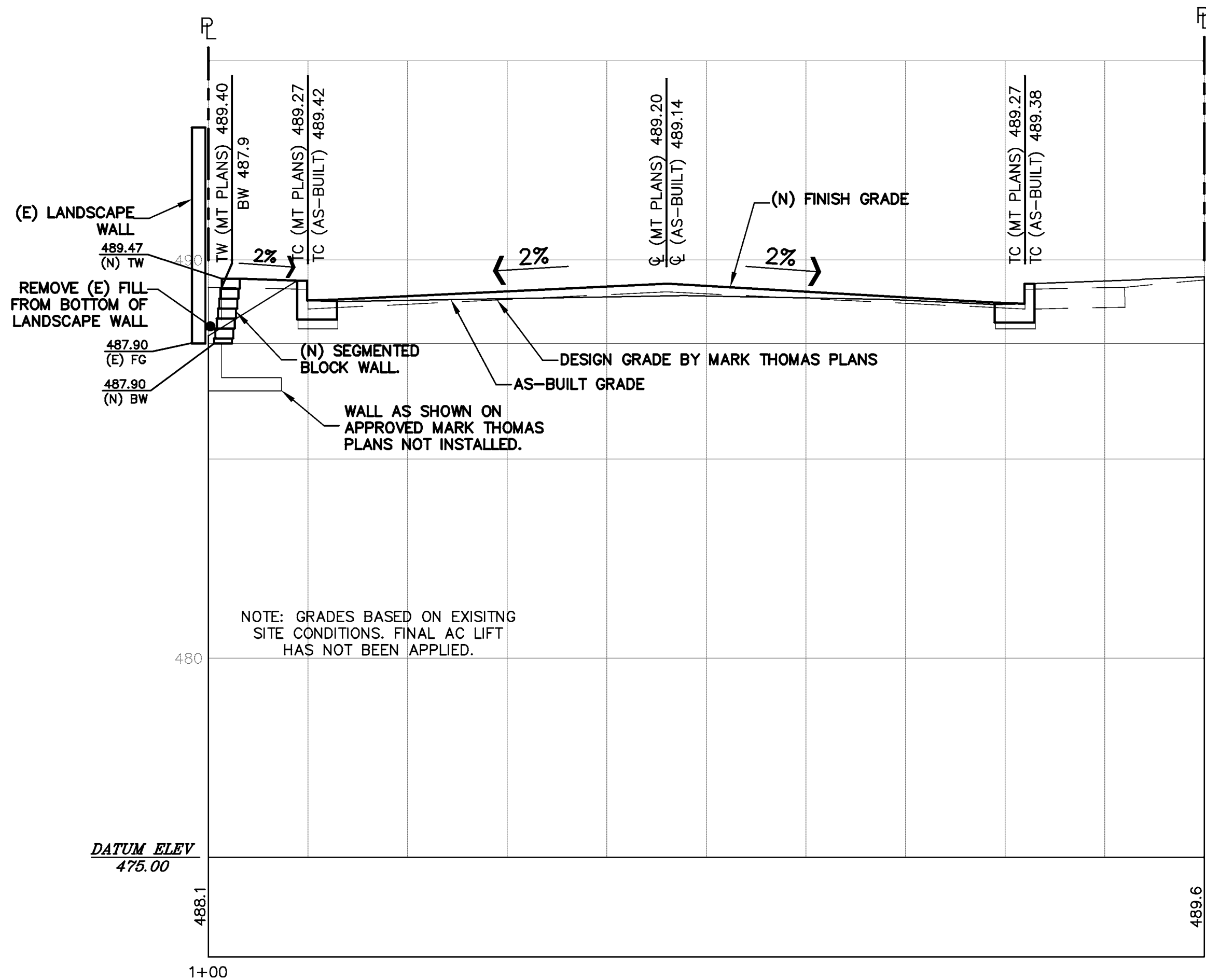
15 OF 22 SHEETS



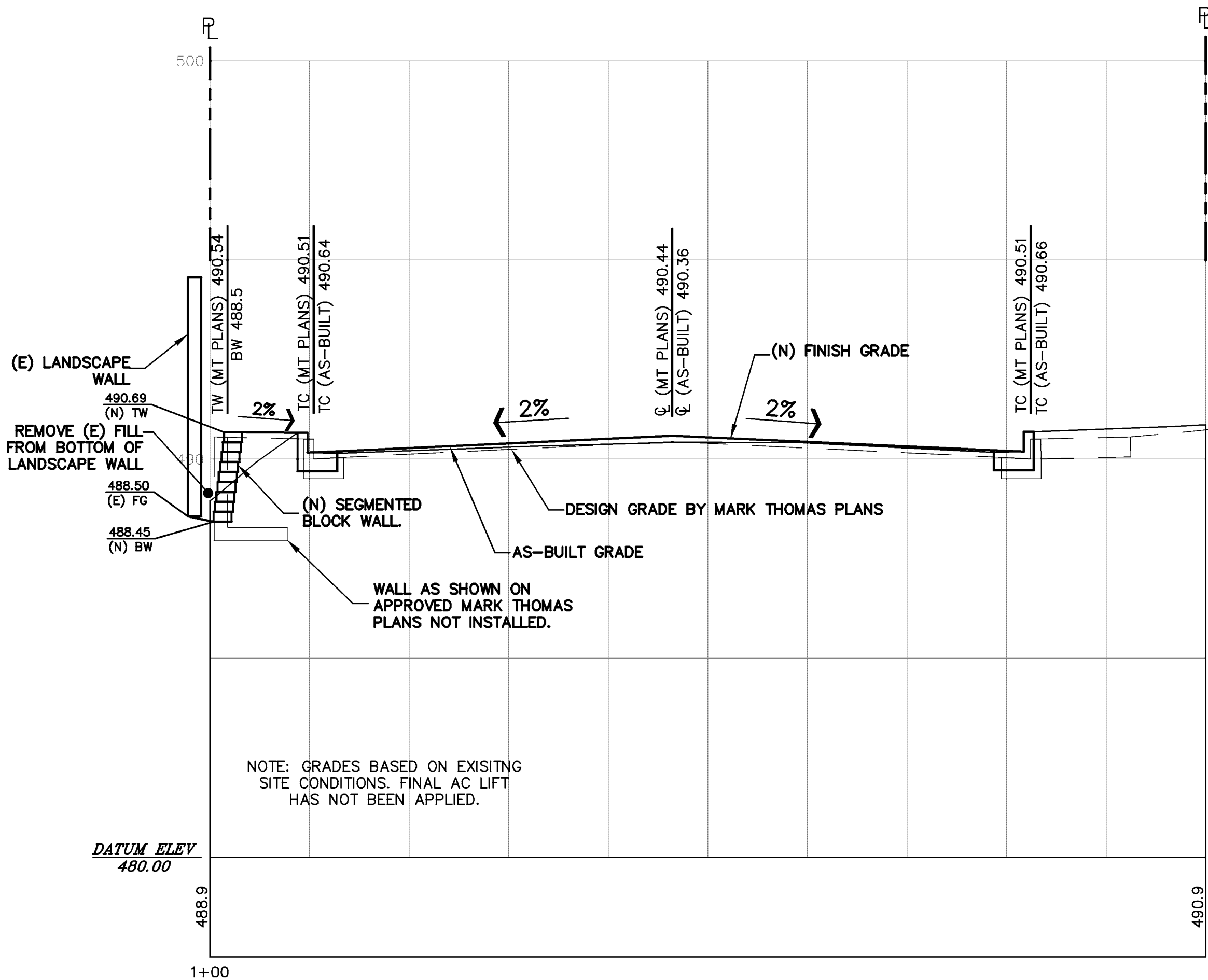
STATION 3+70
1"=5' HOR & 1"=2.5' VERT



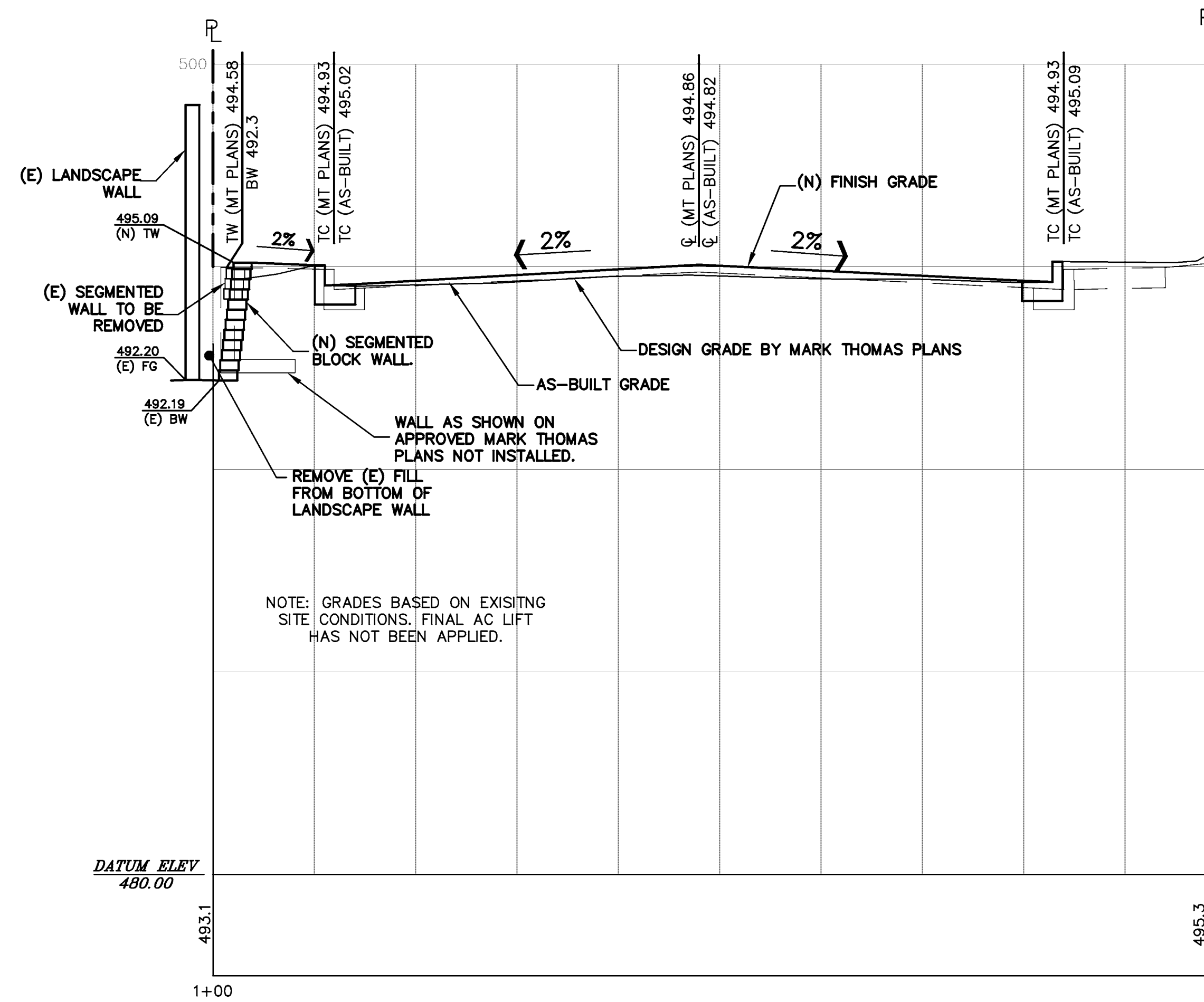
STATION 4+20
1"=5' HOR & 1"=2.5' VERT



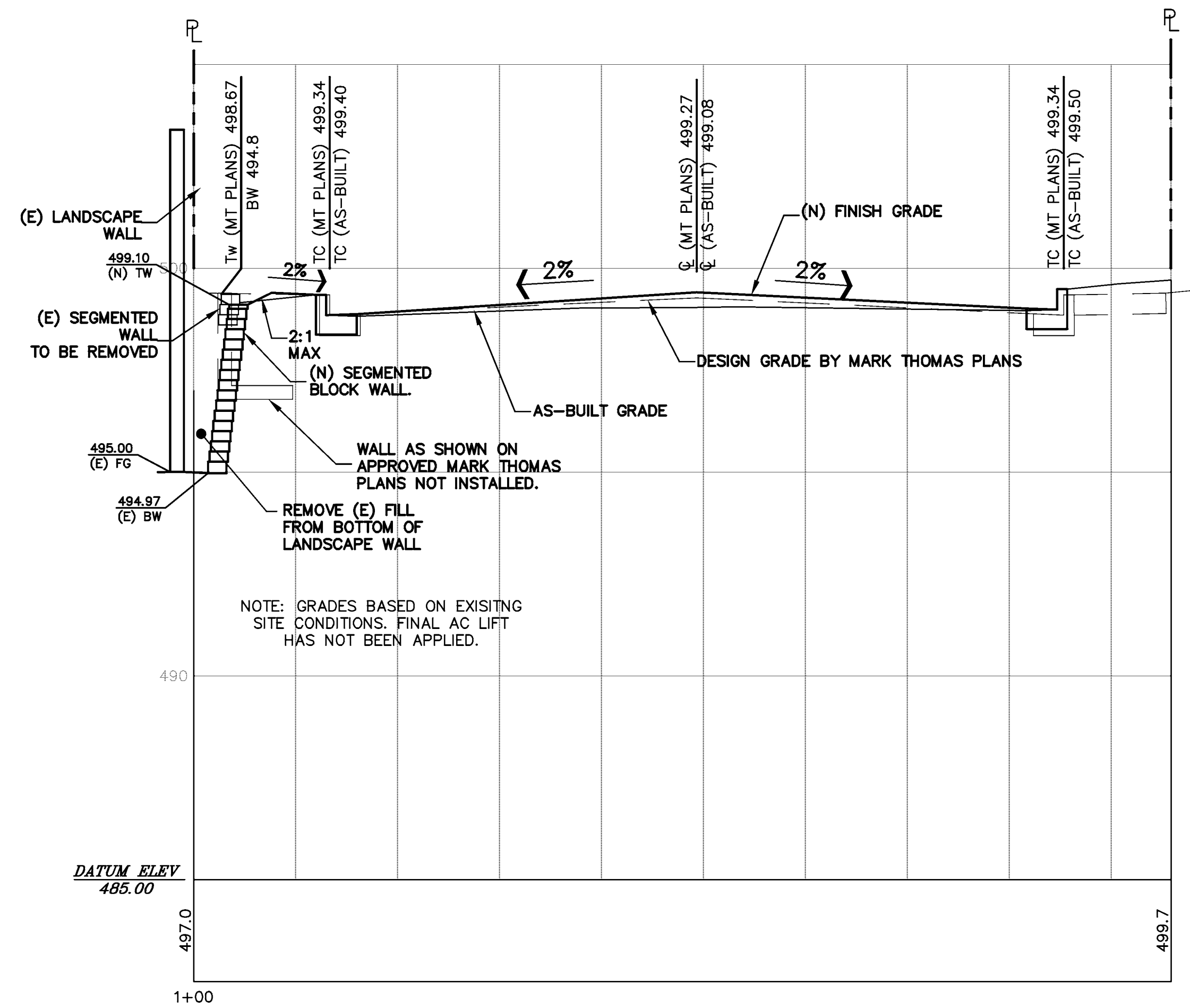
STATION 4+56
1"=5' HOR & 1"=2.5' VERT



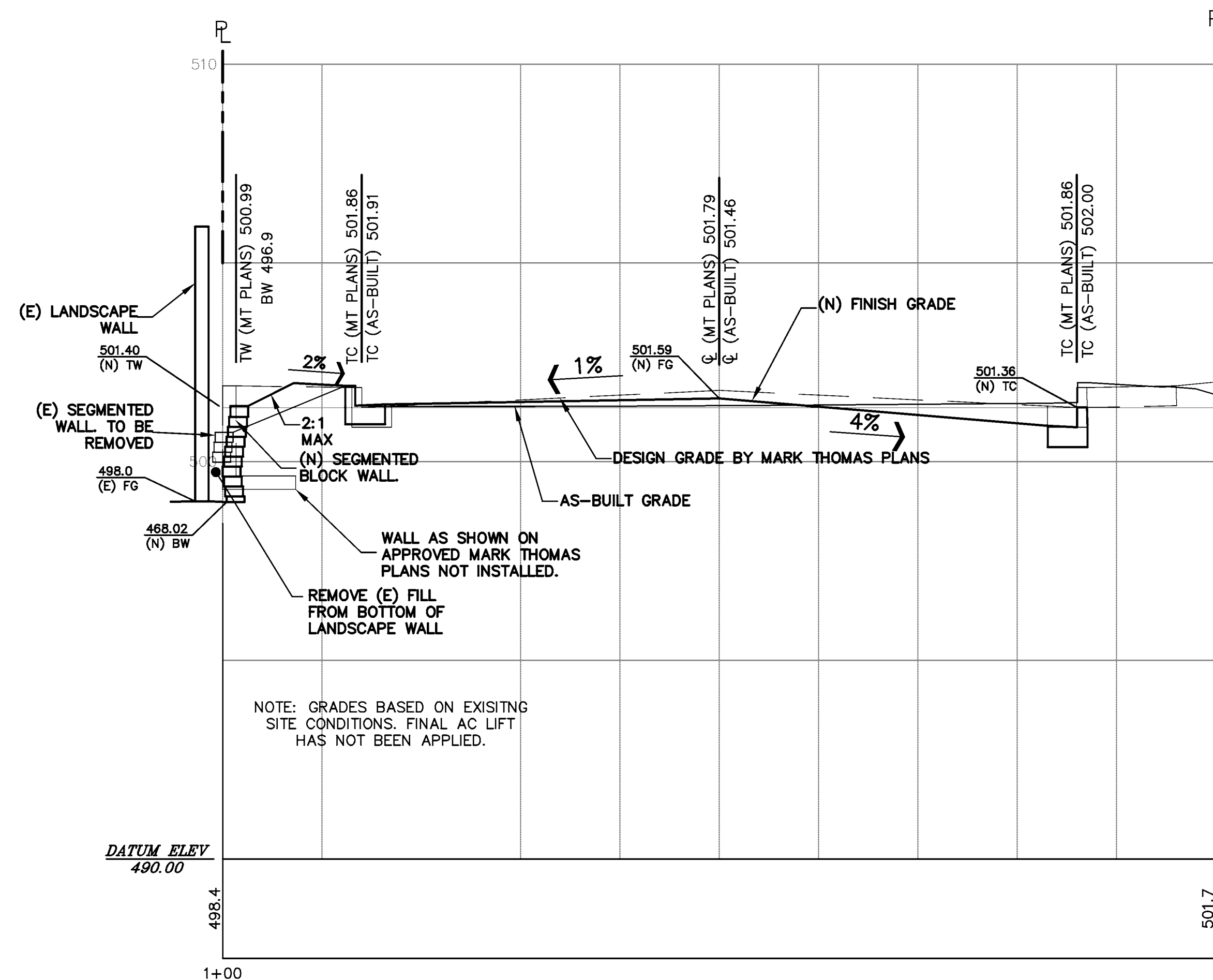
STATION 4+70
1"=5' HOR & 1"=2.5' VERT



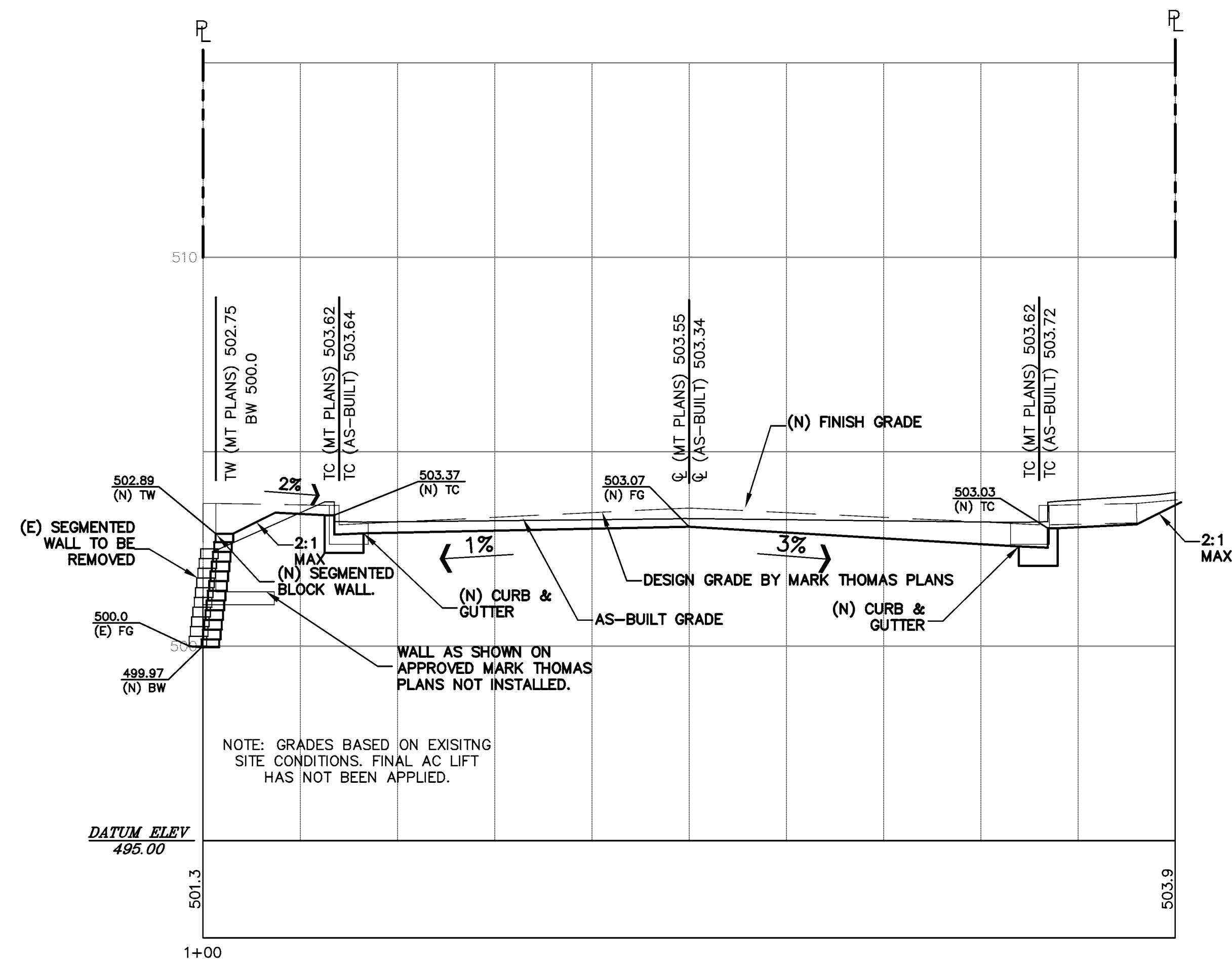
STATION 5+20
1"=5' HOR & 1"=2.5' VERT



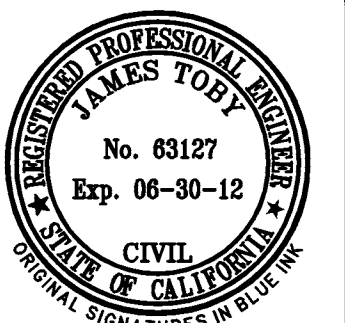
STATION 5+70
1"=5' HOR & 1"=2.5' VERT



STATION 5+98.48
1"=5' HOR & 1"=2.5' VERT



STATION 6+20
1"=5' HOR & 1"=2.5' VERT

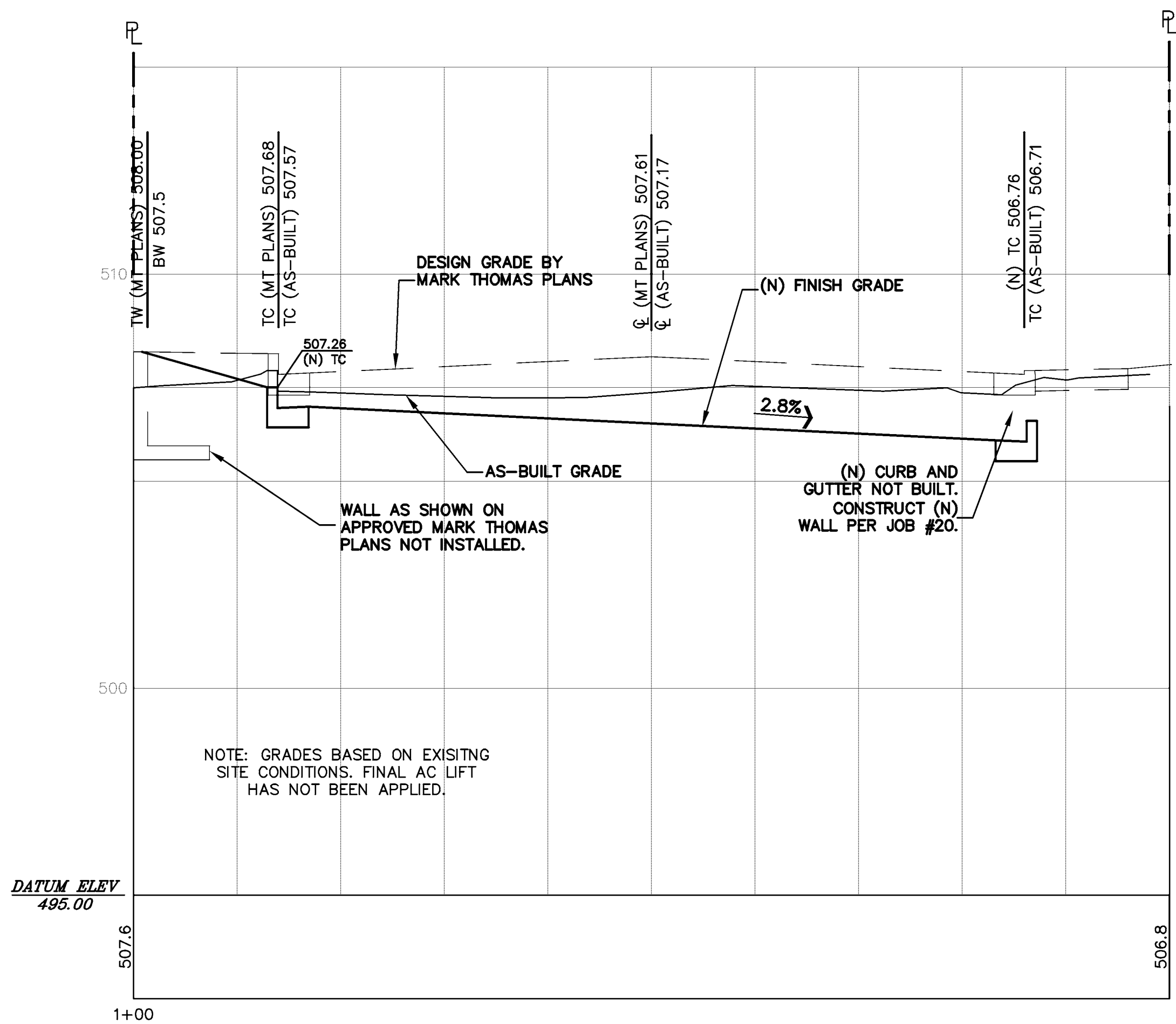


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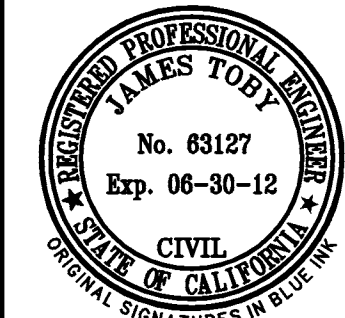
JOB # 20
SECTIONS
STA 5+20 TO 6+20

REVISIONS	BY
JOB NO:	2100094
DATE:	8-5-11
SCALE:	1" = 30'
DESIGN BY:	JR/RC
DRAWN BY:	TB
SHEET NO:	



STATION 6+70

1"=5' HOR & 1"=2.5' VERT



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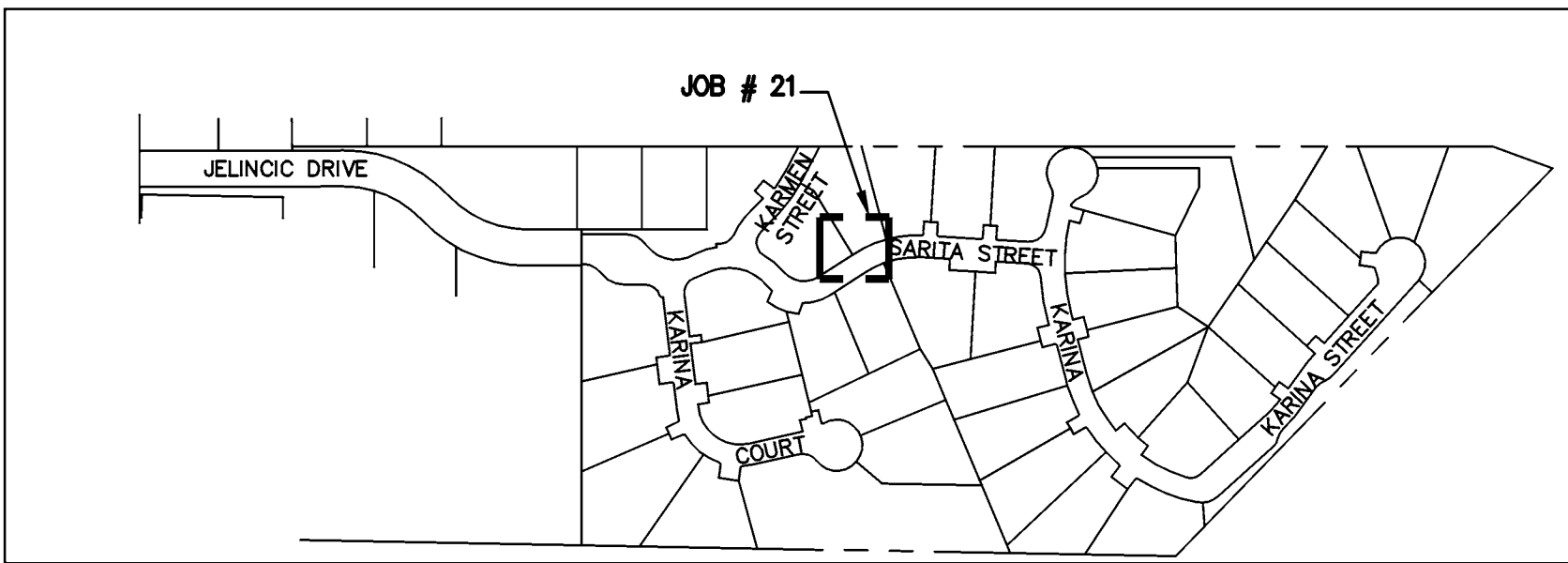
TRACT 6102
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JOB # 20
SECTIONS
STA 6+70

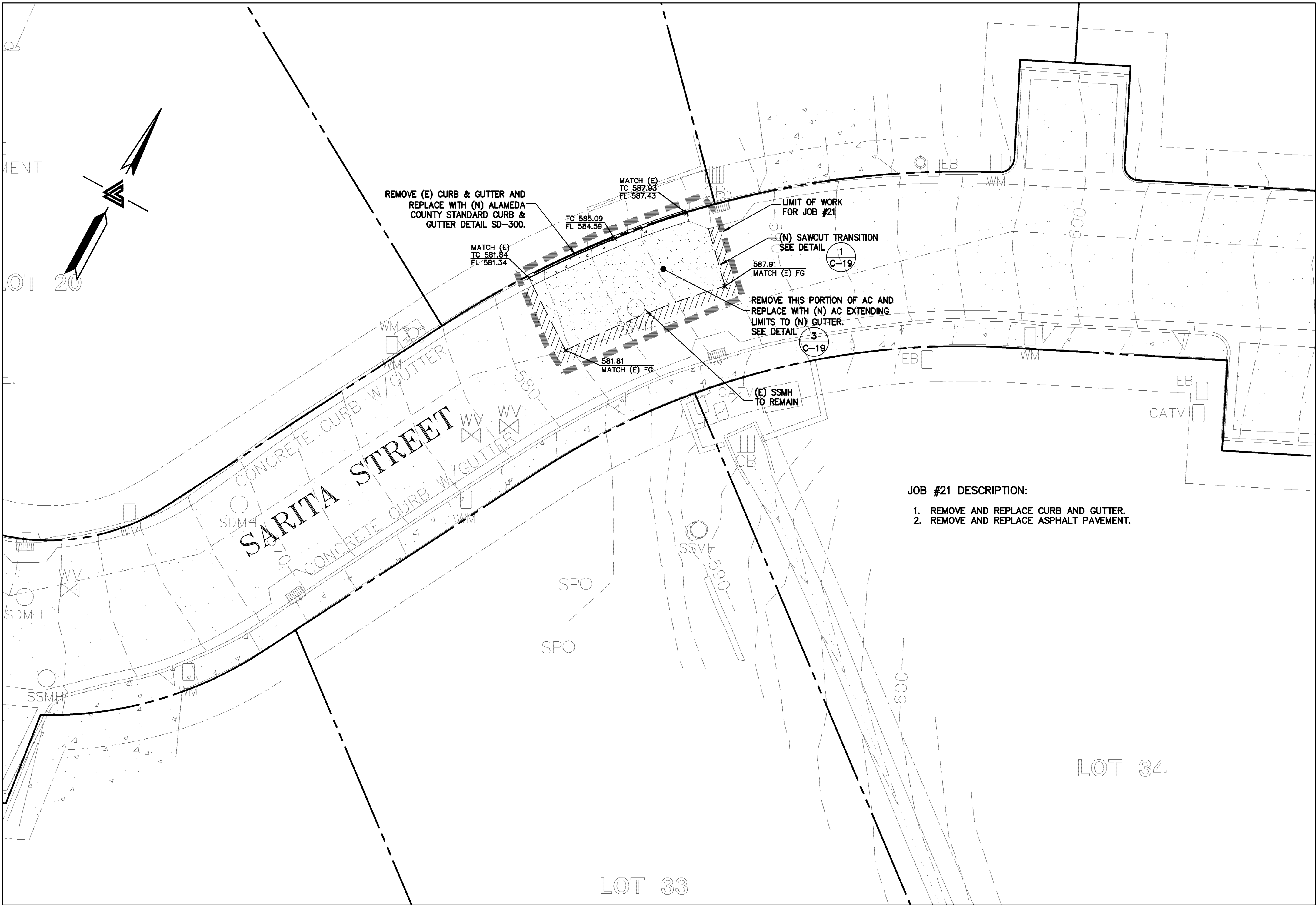
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REVISIONS	BY

JOB NO: 2100094
DATE: 8-5-11
SCALE: 1" = 30'
DESIGN BY: JR/RC
DRAWN BY: TB
SHEET NO:

C-17

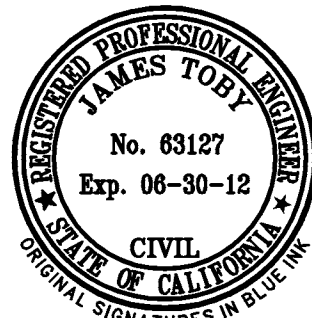


KEY MAP
SCALE: 1" = 250'



JOB #21 DESCRIPTION:
1. REMOVE AND REPLACE CURB AND GUTTER.
2. REMOVE AND REPLACE ASPHALT PAVEMENT.

JOB # 21
SCALE: 1" = 10'



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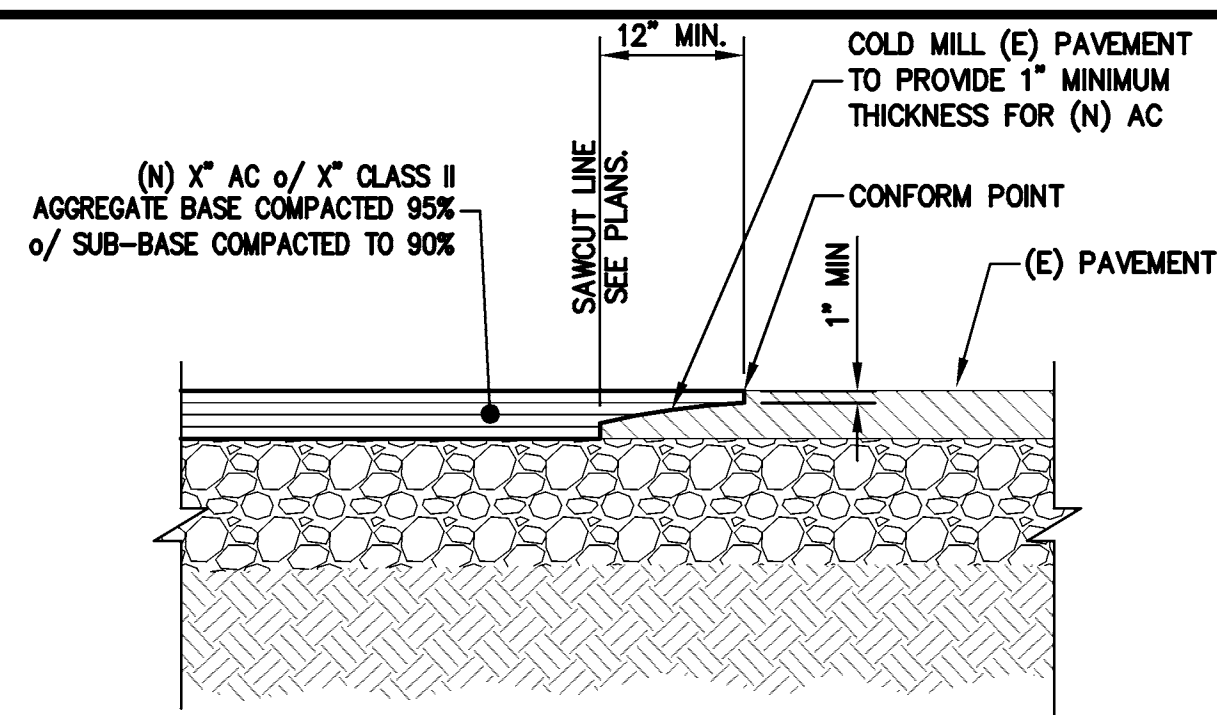
TRACT 6102
JELENCIC DRIVE
EDEN TOWNSHIP
UNINCORPORATED ALAMEDA COUNTY

JOB # 21

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-	-
REVISIONS	BY

JOB NO: 2100094
DATE: 8-5-11
SCALE: AS NOTED
DESIGN BY: JR/RC
DRAWN BY: TB
SHEET NO:

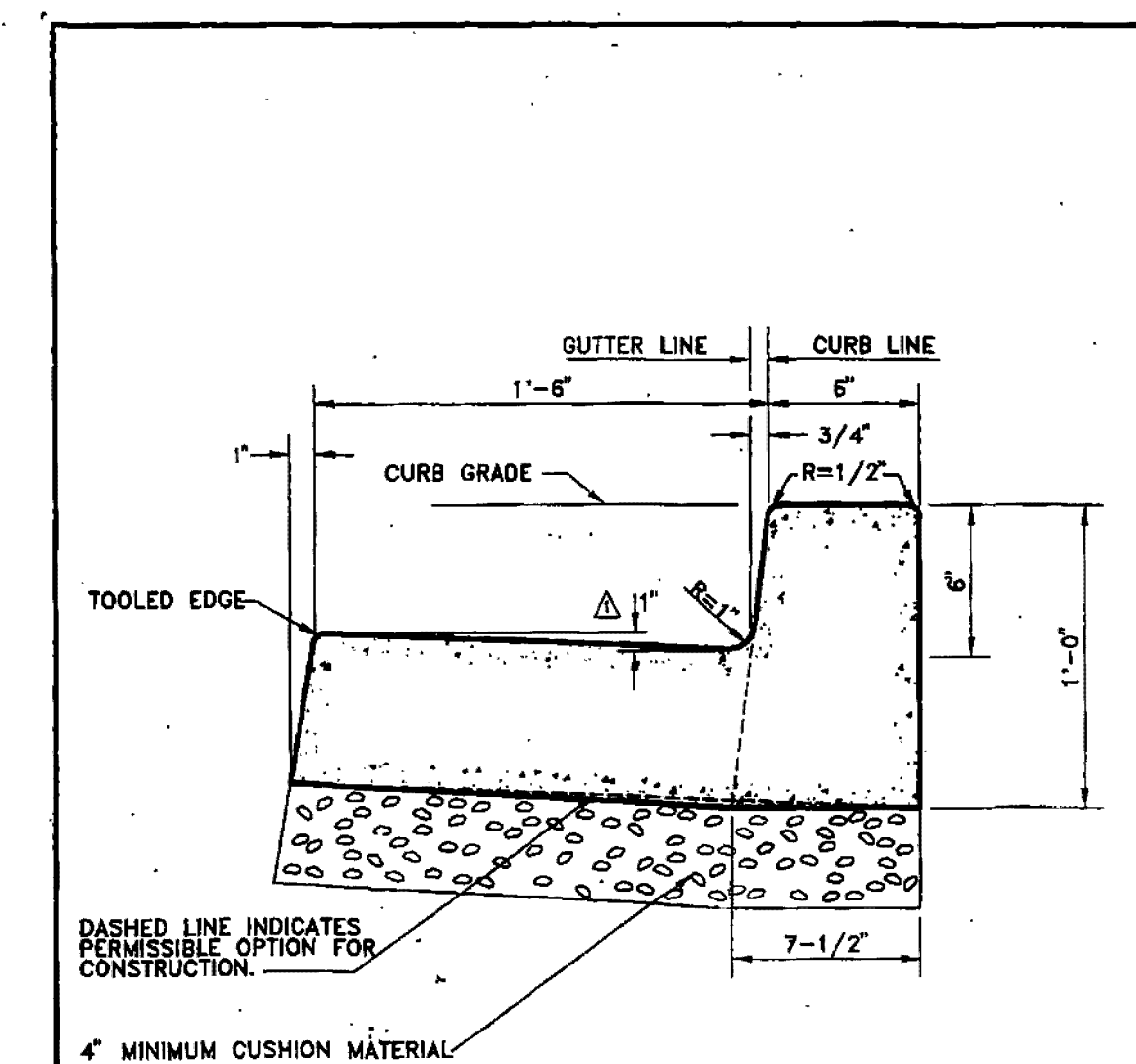
C-18



NOTES:

1. TIE-IN PAVEMENT SECTION AS SHOWN ON PLANS.
2. TIE-IN OF ASPHALT CONCRETE SHALL EXTEND TO AT LEAST THE BOTTOM OF EXISTING ASPHALT CONCRETE.

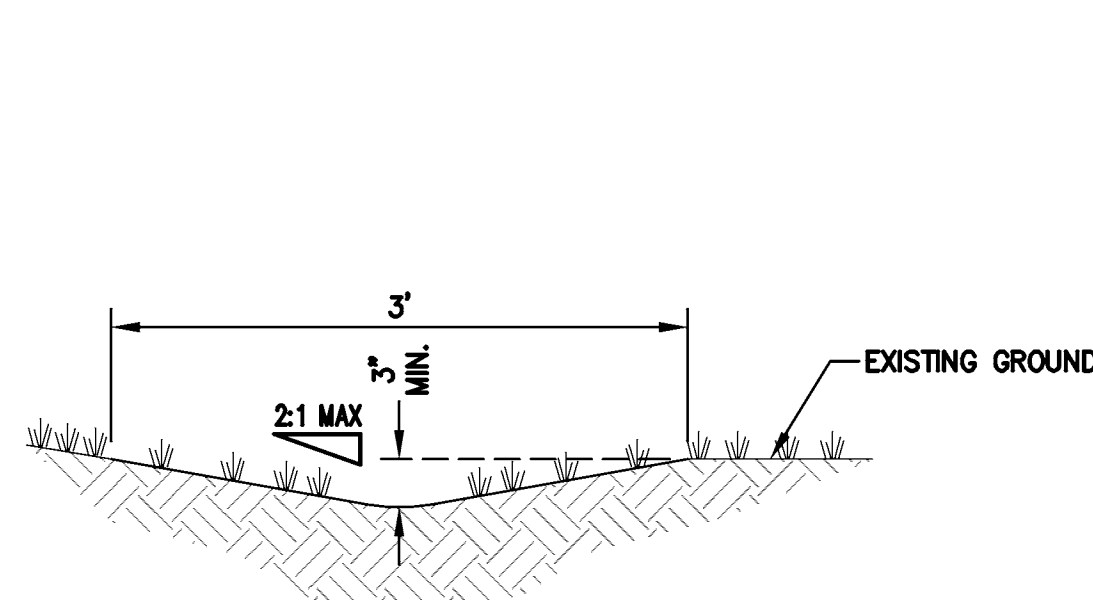
1 ASPHALT PAVEMENT TIE-IN
C-19 NTS



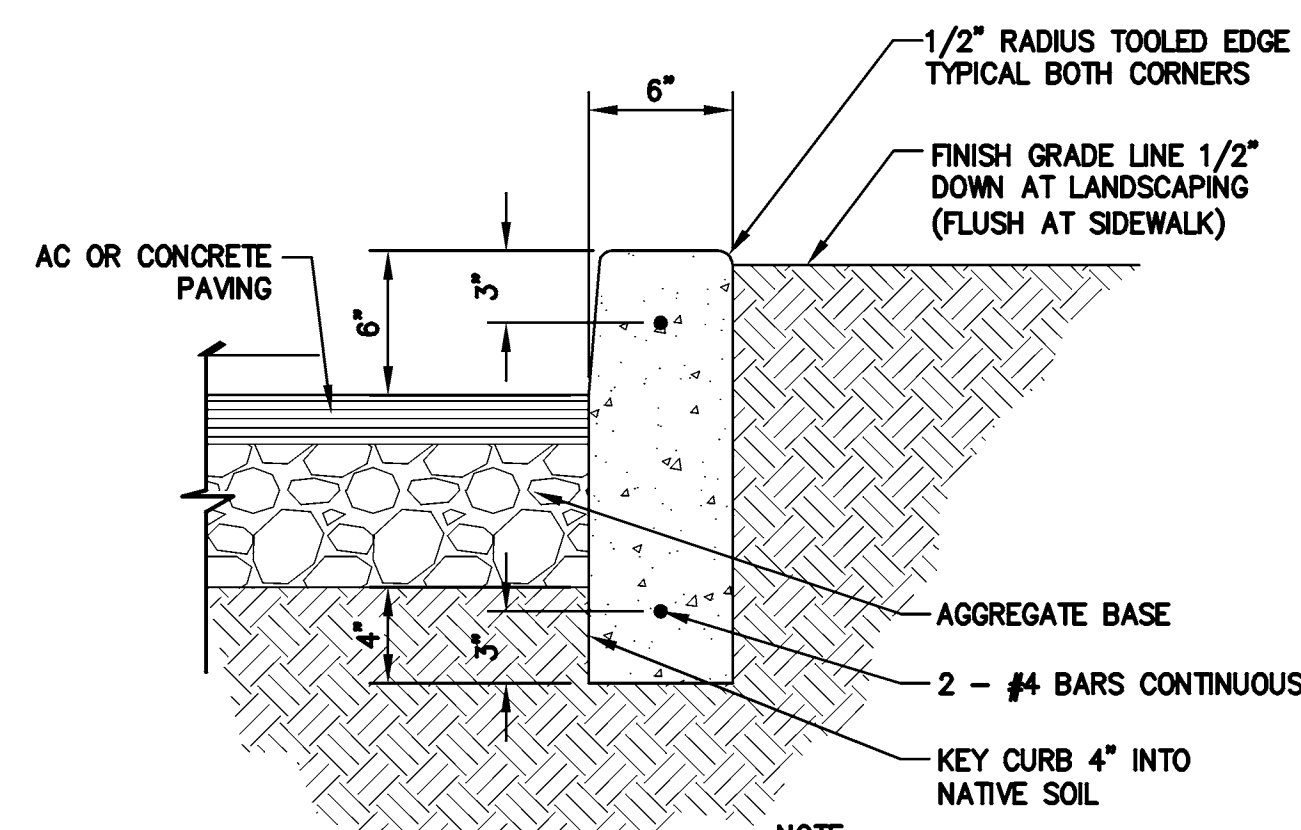
P.C.C. CURB AND GUTTER AREA = 1.292 SQ. FT.

COUNTY OF ALAMEDA ★ PUBLIC WORKS AGENCY			
P.C.C. CURB AND GUTTER		APPROVED: [Signature]	
REVISIONS	DATE	SCALE	FILE NO.
JB	June 1992	None	SD-300 1 of 1

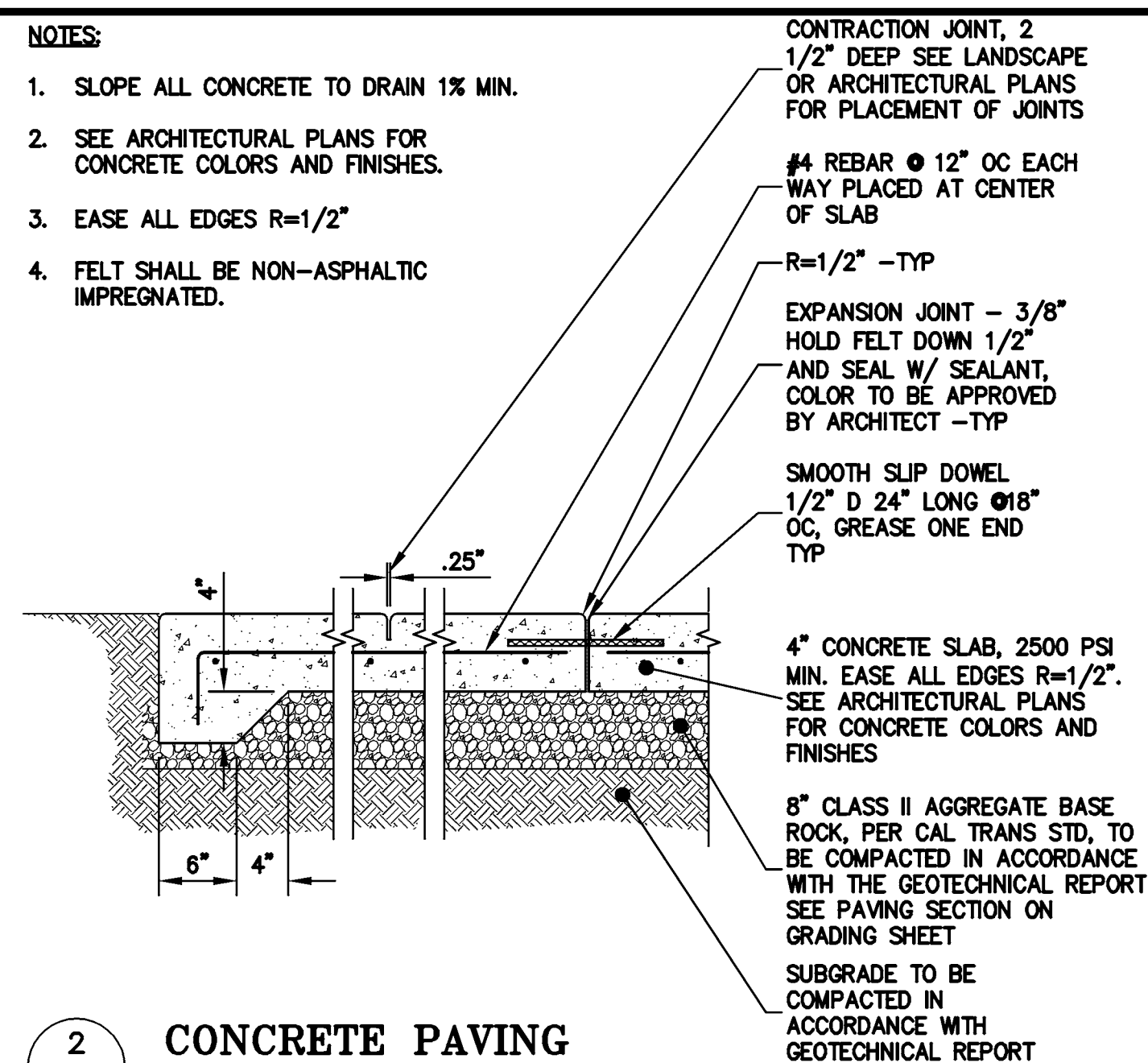
5 ALAMEDA COUNTY STANDARD CURB & GUTTER
C-19 NTS



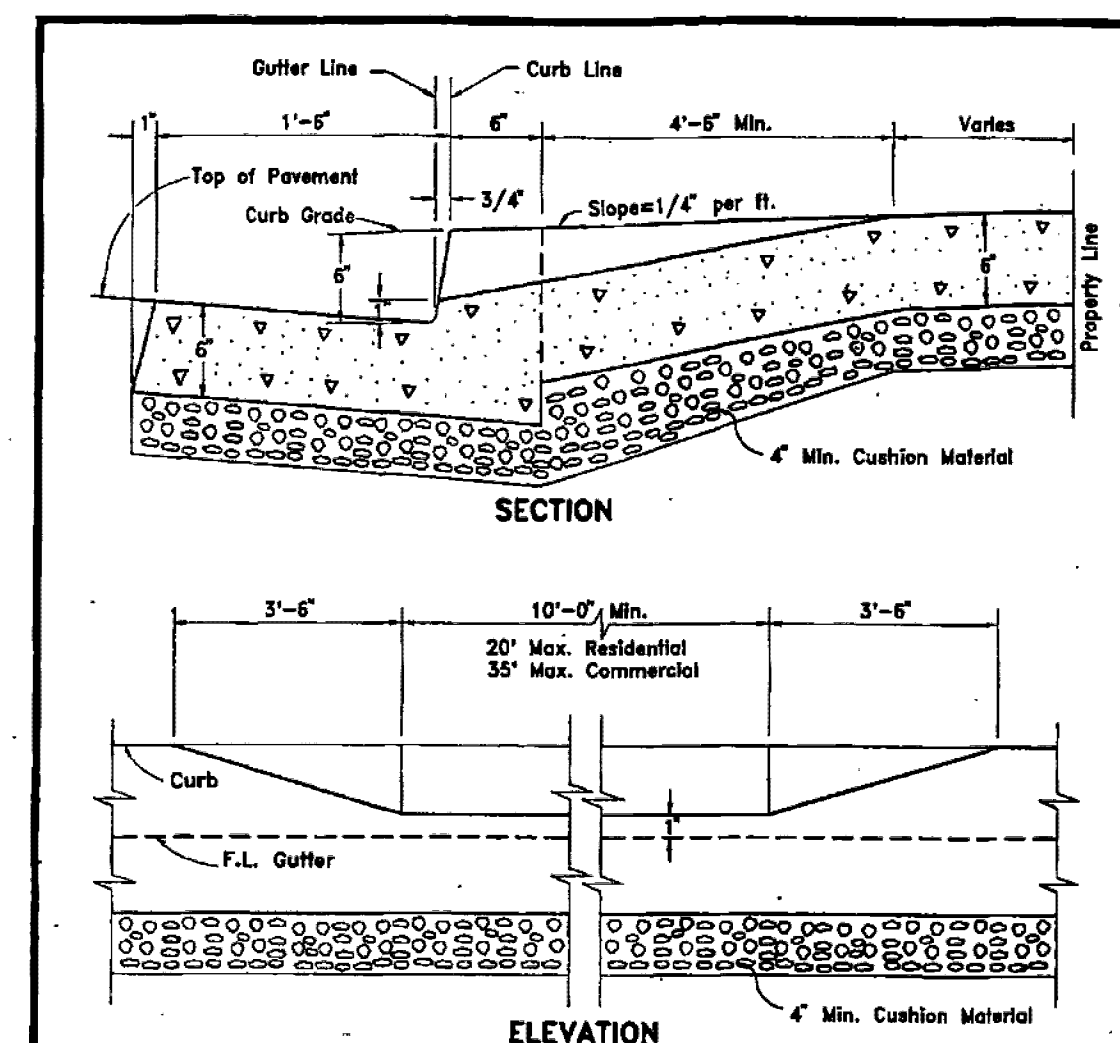
9 EARTHEN SWALE DETAIL
C-19 NTS



10 CONCRETE CURB
C-19 NTS



2 CONCRETE PAVING
C-19 NTS

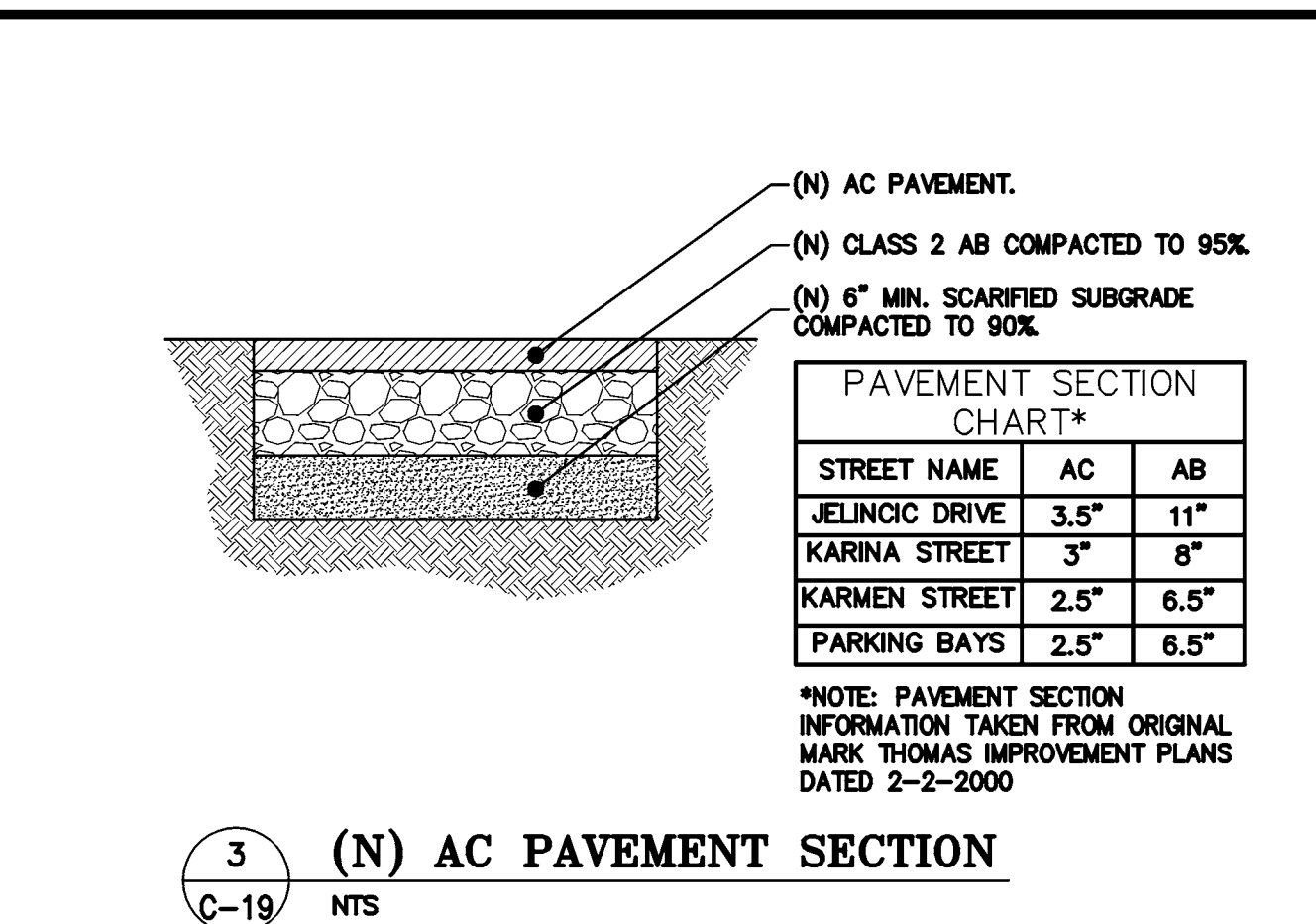


NOTES:

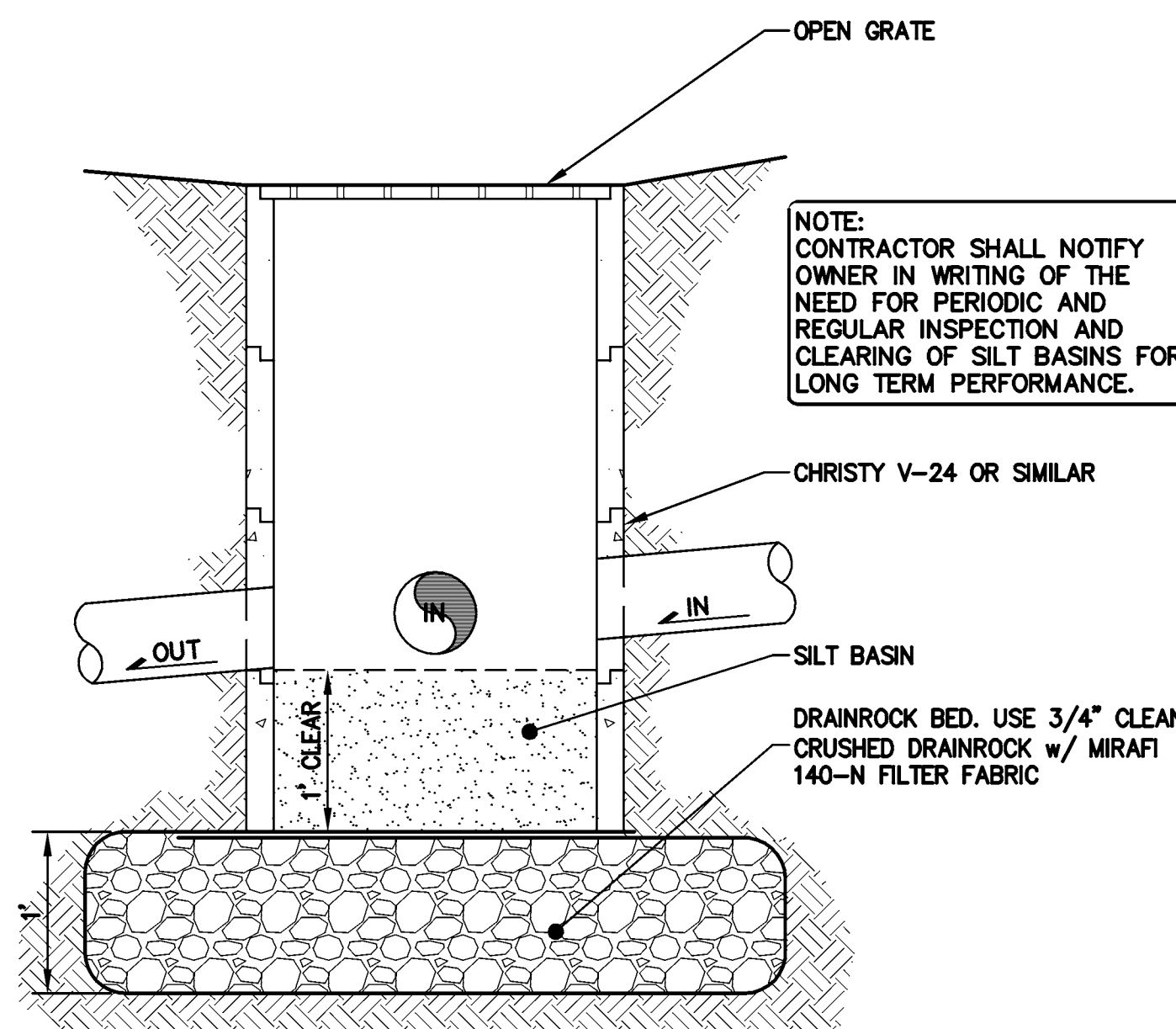
1. This is a driveway section when curb and sidewalk are separated. For section showing driveway construction when sidewalk is adjacent to curb, see drawing SD-306.
2. Spacing between driveways shall be 20 feet, or multiples of 20 feet, or less than 7 feet, except driveways located adjacent to unimproved property shall be 10 feet from property line. All driveway spacings shall be measured from top of driveway flare. If driveway is poured separately, see SD-304. Minimum spacing between adjacent driveway flares shall be 3 feet.

COUNTY OF ALAMEDA ★ PUBLIC WORKS AGENCY			
CONCRETE DRIVEWAY (CURB AND SIDEWALK SEPARATED)		APPROVED: [Signature]	
REVISIONS	DATE	SCALE	FILE NO.
KS	October 1991	None	SD-307 1 of 1

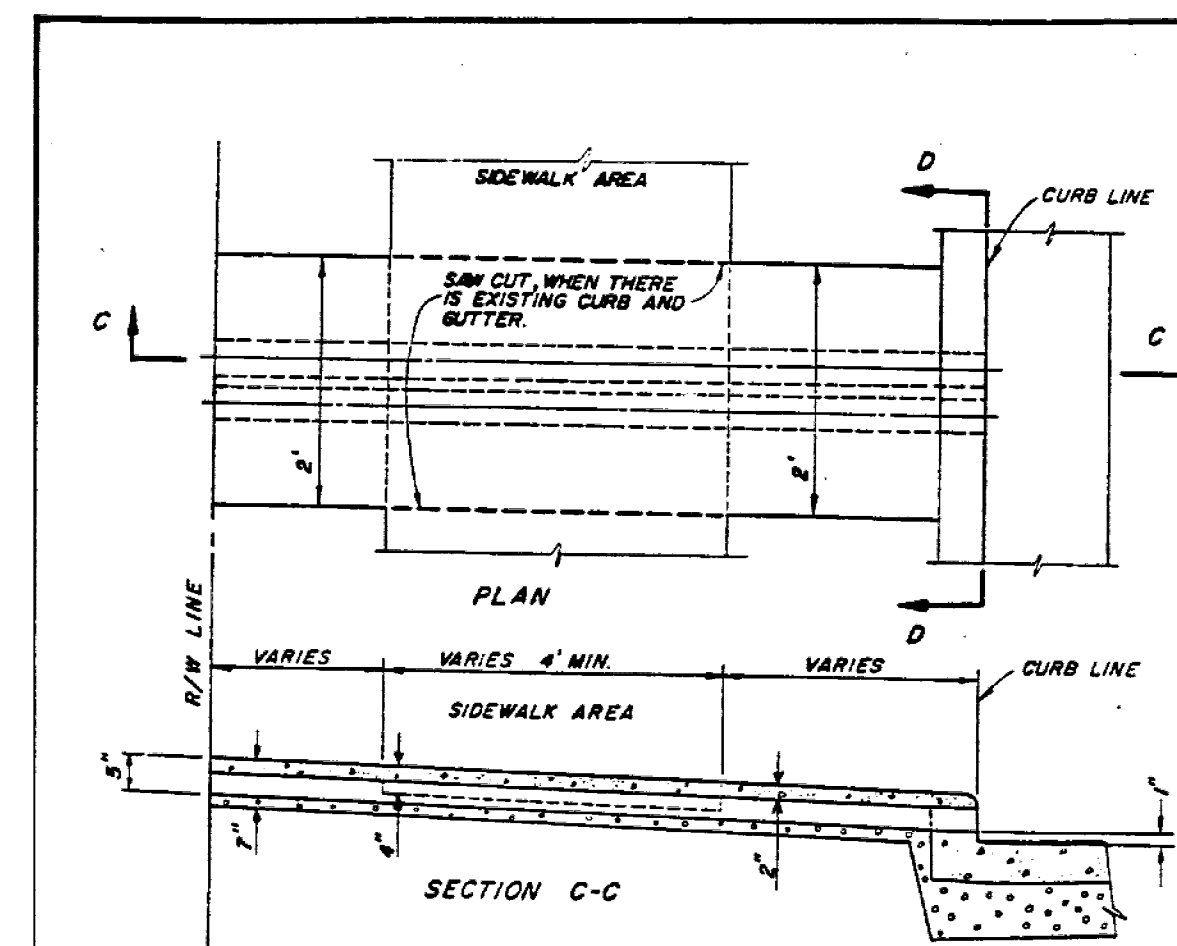
6 ALAMEDA COUNTY STANDARD DRIVEWAY APPROACH
C-19 NTS



3 (N) AC PAVEMENT SECTION
C-19 NTS

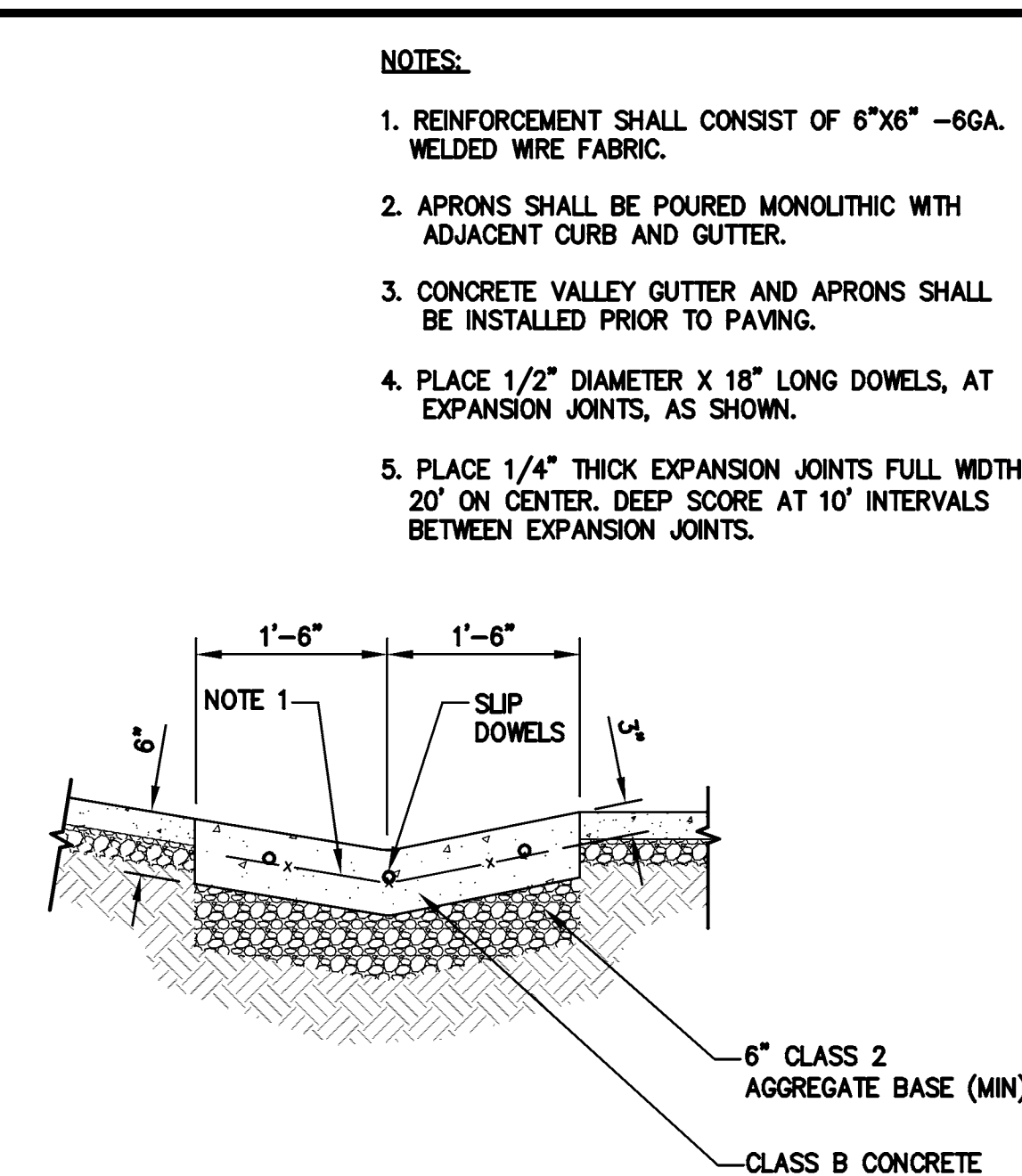


7 DRAIN INLET/SILT BASIN
C-19 NTS

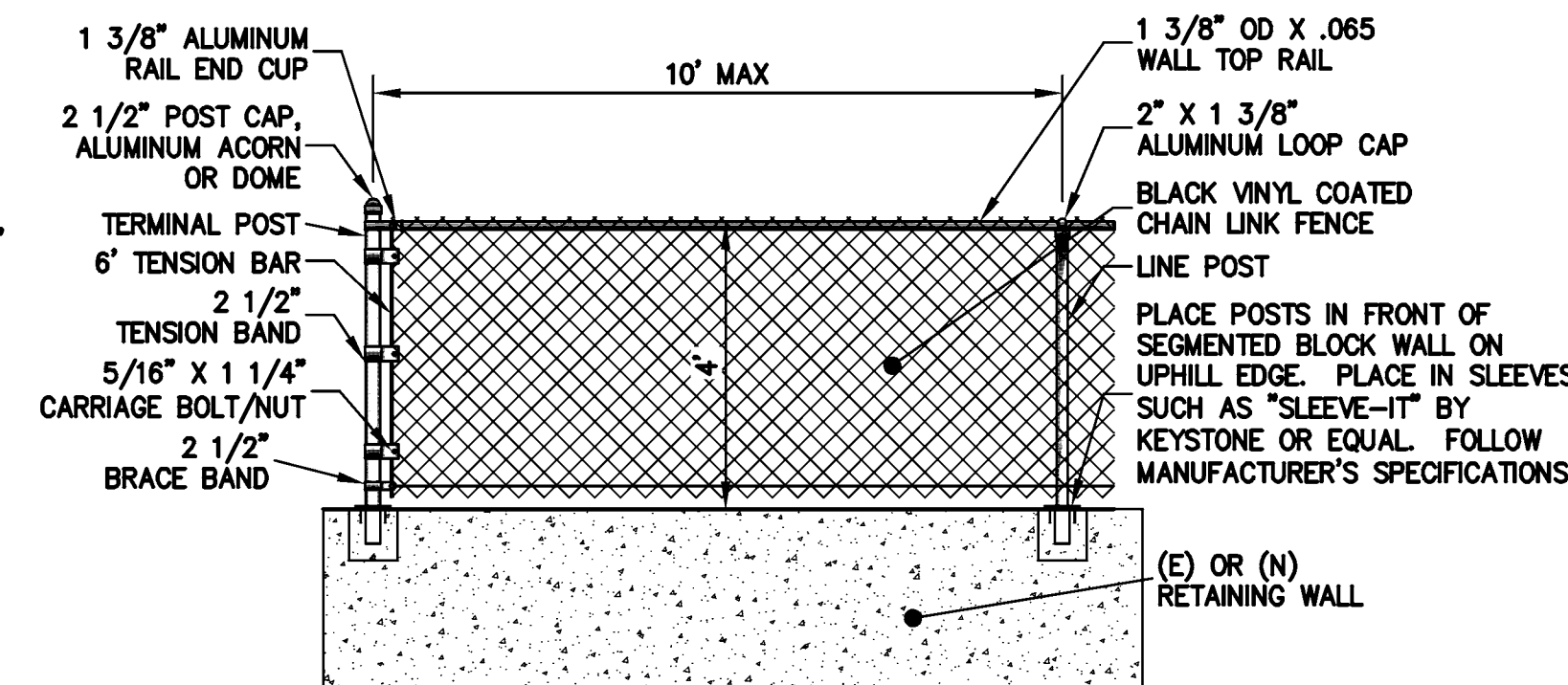


COUNTY OF ALAMEDA ★ PUBLIC WORKS AGENCY			
SIDEWALK DRAIN TYPE II SINGLE FAMILY RESIDENTIAL LOTS		APPROVED: [Signature]	
REVISIONS	DATE	SCALE	FILE NO.
PCL	JULY 1986	NONE	SD-527 1 of 1

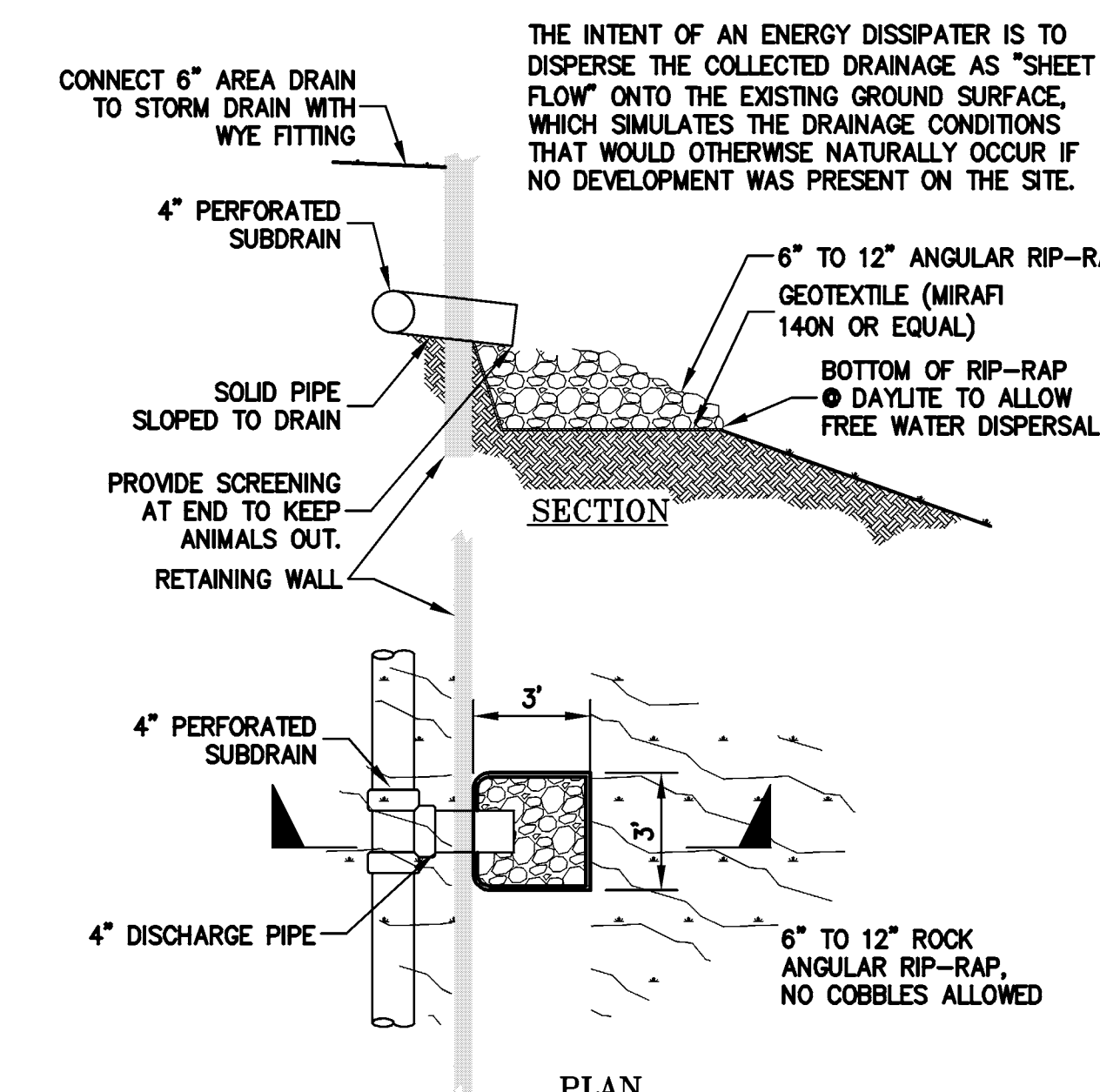
6 ALAMEDA COUNTY STANDARD SIDEWALK DRAIN
C-19 NTS



4 CONCRETE VALLEY GUTTER
C-19 NTS

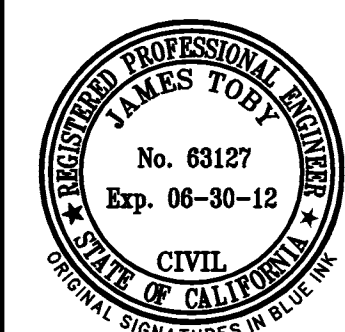


8 4' CHAIN LINK FENCE
C-19 NTS



NOTE: ENDS OF SURFACE DRAINAGE DISCHARGE PIPES SHOULD NOT BE CAPPED. PERIODIC MAINTENANCE IS REQUIRED TO KEEP DISCHARGE FREE FROM BLOCKAGE.

12 ROCK OUTFALL
C-19 NTS



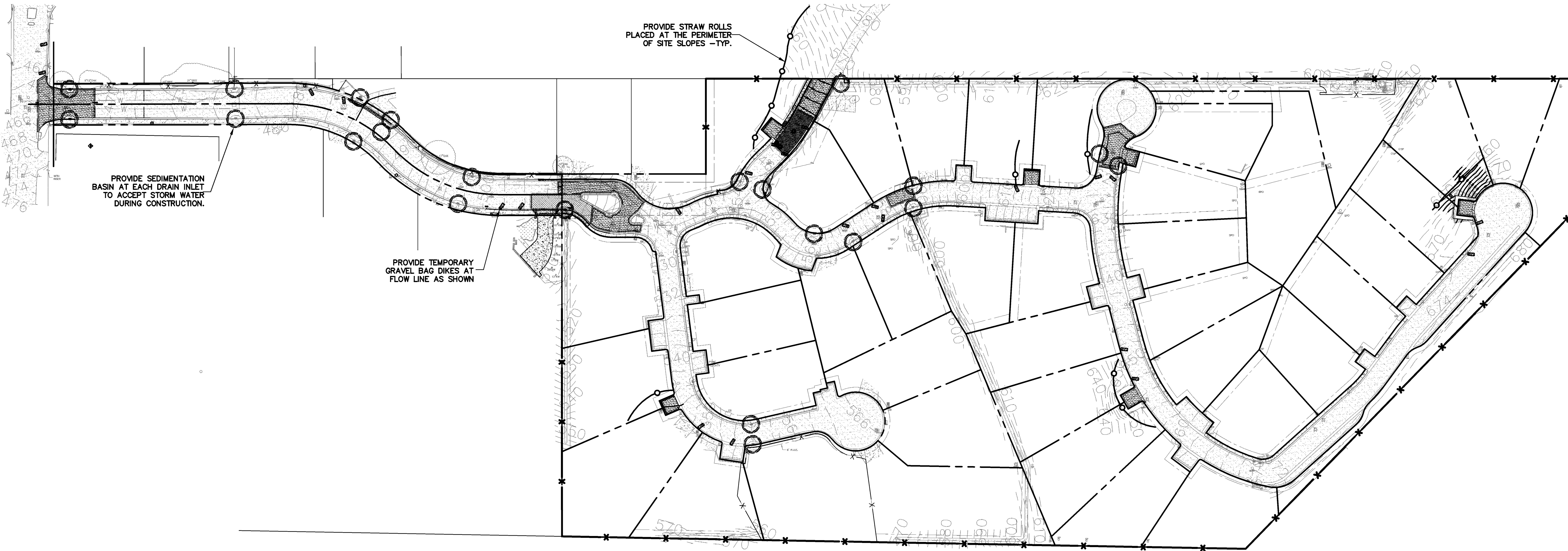
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TRACT 6102
JELINCIC DRIVE
EDEN TOWNSHIP
UNINCORPORATED ALAMEDA COUNTY

DETAILS

REVISIONS	BY

JOB NO: 2100094
DATE: 8-5-11
SCALE: AS NOTED
DESIGN BY: JR/RC
DRAWN BY: TB
SHEET NO:



EROSION CONTROL NOTES:

1. 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 THIS EROSION CONTROL PLAN.
2. THE INTENTION OF THIS PLAN IS FOR INTERIM EROSION AND SEDIMENT CONTROL ONLY. ALL EROSION CONTROL MEASURES SHALL CONFORM TO CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD'S FIELD MANUAL FOR EROSION AND SEDIMENTATION CONTROL, THE CALIFORNIA STORM WATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICES HANDBOOK FOR CONSTRUCTION, AND THE LOCAL GOVERNING AGENCY FOR THIS PROJECT.
3. OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO, DURING, AND AFTER STORM EVENTS. PERSON IN CHARGE OF MAINTAINING EROSION CONTROL MEASURES SHOULD WATCH LOCAL WEATHER REPORTS AND ACT APPROPRIATELY TO MAKE SURE ALL NECESSARY MEASURES ARE IN PLACE.
4. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
5. DURING THE RAINY SEASON, ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT-LADEN RUNOFF TO ANY STORM DRAINAGE SYSTEM, INCLUDING EXISTING DRAINAGE SWALES AND WATERCOURSES.
6. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MINIMIZED. COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS CONCERNING POLLUTION SHALL BE MAINTAINED AT ALL TIMES.
7. CONTRACTOR SHALL PROVIDE DUST CONTROL AS REQUIRED BY THE APPROPRIATE FEDERAL, STATE AND LOCAL AGENCY REQUIREMENTS.
8. ALL MATERIALS NECESSARY FOR THE APPROVED EROSION CONTROL MEASURES SHALL BE IN PLACE BY OCTOBER 15TH.
9. EROSION CONTROL SYSTEMS SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE RAINY SEASON, OR FROM OCTOBER 15TH THROUGH APRIL 15TH, WHICHEVER IS LONGER.
10. IN THE EVENT OF RAIN, ALL GRADING WORK IS TO CEASE IMMEDIATELY AND THE SITE IS TO BE SEALED IN ACCORDANCE WITH THE APPROVAL EROSION CONTROL MEASURES AND APPROVED EROSION CONTROL PLAN.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND REPAIRING EROSION CONTROL SYSTEMS AFTER EACH STORM.
12. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY LOCAL JURISDICTION'S ENGINEERING DEPARTMENT OR BUILDING OFFICIALS.
13. MEASURES SHALL BE TAKEN TO COLLECT OR CLEAN ANY ACCUMULATION OR DEPOSIT OF DIRT, MUD, SAND, ROCKS, GRAVEL OR DEBRIS ON THE SURFACE OF ANY STREET, ALLEY OR PUBLIC PLACE OR IN ANY PUBLIC STORM DRAIN SYSTEMS. THE REMOVAL OF AFORESAID SHALL BE DONE BY STREET SWEEPING OR HAND SWEEPING. WATER SHALL NOT BE USED TO WASH SEDIMENTS INTO PUBLIC OR PRIVATE DRAINAGE FACILITIES.
14. EROSION CONTROL MEASURES SHALL BE ON-SITE FROM SEPTEMBER 15TH THRU APRIL 15TH.
15. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE RAINY SEASON OR FROM OCTOBER 15 THRU APRIL 15, WHICHEVER IS GREATER.

EROSION CONTROL MEASURES:

1. THE FACILITIES SHOWN ON THIS PLAN ARE DESIGNED TO CONTROL EROSION AND SEDIMENT DURING THE RAINY SEASON, OCTOBER 15TH TO APRIL 15. EROSION CONTROL FACILITIES SHALL BE IN PLACE PRIOR TO OCTOBER 15TH OF ANY YEAR. GRADING OPERATIONS DURING THE RAINY SEASON WHICH LEAVE DENUDED SLOPES SHALL BE PROTECTED WITH EROSION CONTROL MEASURES IMMEDIATELY FOLLOWING GRADING ON THE SLOPES.
2. SITE CONDITIONS AT TIME OF PLACEMENT OF EROSION CONTROL MEASURES WILL VARY. APPROPRIATE ACTION INCLUDING TEMPORARY SWALES, INLETS, HYDROSEEDING, STRAW BALES, ROCK SACKS, ETC. SHALL BE TAKEN TO PREVENT EROSION AND SEDIMENTATION FROM LEAVING SITE. EROSION CONTROL MEASURES SHALL BE ADJUSTED AS THE CONDITIONS CHANGE AND THE NEED OF CONSTRUCTION SHIFT.
3. CONSTRUCTION ENTRANCES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF GRADING. ALL CONSTRUCTION TRAFFIC ENTERING ONTO THE PAVED ROADS MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCES. CONTRACTOR SHALL MAINTAIN STABILIZED ENTRANCE AT EACH VEHICLE ACCESS POINT TO EXISTING PAVED STREETS. ANY MUD OR DEBRIS TRACKED ONTO PUBLIC STREETS SHALL BE REMOVED DAILY AND AS REQUIRED BY THE GOVERNING AGENCY.
4. ALL EXPOSED SLOPES THAT ARE NOT VEGETATED SHALL BE HYDROSEEDDED. IF HYDROSEEDING IS NOT USED OR IS NOT EFFECTIVE BY OCTOBER 15, THEN OTHER IMMEDIATE METHODS SHALL BE IMPLEMENTED, SUCH AS EROSION CONTROL BLANKETS, OR A THREE-STEP APPLICATION OF 1) SEED, MULCH, FERTILIZER 2) BLOWN STRAW 3) TACKIFIER AND MULCH. HYDROSEEDING SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF SECTION 20" EROSION CONTROL AND HIGHWAY PLANTING" OF THE STANDARD SPECIFICATION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, AS LAST REVISED. REFER TO THE EROSION CONTROL SECTION OF THE GRADING SPECIFICATIONS THAT ARE A PART OF THIS PLAN SET FOR FURTHER INFORMATION.
5. INLET PROTECTION SHALL BE INSTALLED AT OPEN INLETS TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM. INLETS NOT USED IN CONJUNCTION WITH EROSION CONTROL ARE TO BE BLOCKED TO PREVENT ENTRY OF SEDIMENT. MINIMUM INLET PROTECTION SHALL CONSIST OF A ROCK SACKS OR AS SHOWN ON THIS PLAN
6. THIS EROSION AND SEDIMENT CONTROL PLAN MAY NOT COVER ALL THE SITUATIONS THAT MAY ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS AND ADDITIONS MAY BE MADE TO THIS PLAN IN THE FIELD. A REPRESENTATIVE OF LEA & BRAZE ENGINEERING SHALL PERFORM A FIELD REVIEW AND MAKE RECOMMENDATIONS AS NEEDED. CONTRACTOR IS RESPONSIBLE TO NOTIFY LEA & BRAZE ENGINEERING AND THE GOVERNING AGENCY OF ANY CHANGES.
7. THE EROSION CONTROL MEASURES SHALL CONFORM TO THE LOCAL JURISDICTION'S STANDARDS AND THE APPROVAL OF THE LOCAL JURISDICTION'S ENGINEERING DEPARTMENT.
8. STRAW ROLLS SHALL BE PLACED AT THE TOE OF SLOPES AND ALONG THE DOWN SLOPE PERIMETER OF THE PROJECT. THEY SHALL BE PLACED AT 25 FOOT INTERVALS ON GRADED SLOPES. PLACEMENT SHALL RUN WITH THE CONTOURS AND ROLLS SHALL BE TIGHTLY END BUTTED. CONTRACTOR SHALL REFER TO MANUFACTURES SPECIFICATIONS FOR PLACEMENT AND INSTALLATION INSTRUCTIONS.

PURPOSE:

THE PURPOSE OF THIS PLAN IS TO STABILIZE THE SITE TO PREVENT EROSION OF GRADED AREAS AND TO PREVENT SEDIMENTATION FROM LEAVING THE CONSTRUCTION AREA AND AFFECTING NEIGHBORING SITES, NATURAL AREAS, PUBLIC FACILITIES OR ANY OTHER AREA THAT MIGHT BE AFFECTED BY SEDIMENTATION. ALL MEASURES SHOWN ON THIS PLAN SHOULD BE CONSIDERED THE MINIMUM REQUIREMENTS NECESSARY. SHOULD FIELD CONDITIONS DICTATE ADDITIONAL MEASURES, SUCH MEASURES SHALL BE PER CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD'S FIELD MANUAL FOR EROSION AND SEDIMENTATION CONTROL AND THE CALIFORNIA STORM WATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICES HANDBOOK FOR CONSTRUCTION. LEA & BRAZE ENGINEERING SHOULD BE NOTIFIED IMMEDIATELY SHOULD CONDITIONS CHANGE.

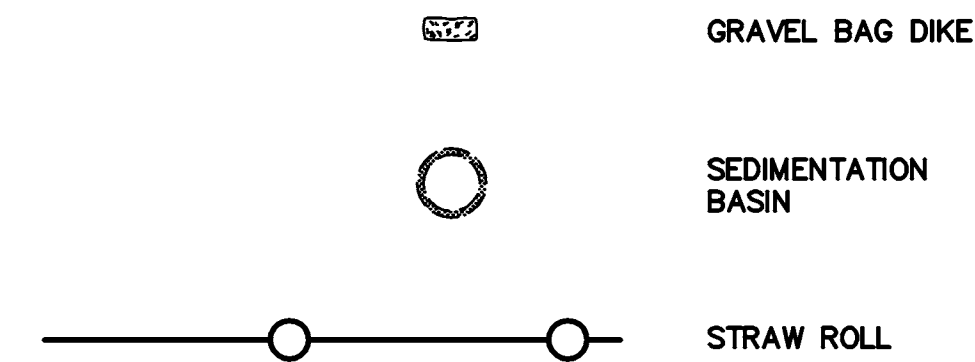
PERIODIC MAINTENANCE:

1. MAINTENANCE IS TO BE PERFORMED AS FOLLOWS:
 - A. DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION SHALL BE REPAIRED AT THE END OF EACH WORKING DAY.
 - B. SWALES SHALL BE INSPECTED PERIODICALLY AND MAINTAINED AS NEEDED.
 - C. SEDIMENT TRAPS, BERMS, AND SWALES ARE TO BE INSPECTED AFTER EACH STORM AND REPAIRS MADE AS NEEDED.
 - D. SEDIMENT SHALL BE REMOVED AND SEDIMENT TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO A DEPTH OF 1' FOOT.
 - E. SEDIMENT REMOVED FROM TRAP SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
 - F. RILLS AND GULLIES MUST BE REPAIRED.
2. GRAVEL BAG INLET PROTECTION SHALL BE CLEANED OUT WHENEVER SEDIMENT DEPTH IS ONE HALF THE HEIGHT OF ONE GRAVEL BAG.
3. STRAW ROLLS SHALL BE PERIODICALLY CHECKED TO ASSURE PROPER FUNCTION AND CLEANED OUT WHENEVER THE SEDIMENT DEPTH REACHED HALF THE HEIGHT OF THE ROLL.
4. SILT FENCE SHALL BE PERIODICALLY CHECKED TO ASSURE PROPER FUNCTION AND CLEANED OUT WHENEVER THE SEDIMENT DEPTH REACHES ONE FOOT IN HEIGHT.
5. CONSTRUCTION ENTRANCE SHALL BE REGRAVELED AS NECESSARY FOLLOWING SILT/SOIL BUILDUP.
6. ANY OTHER EROSION CONTROL MEASURES SHOULD BE CHECKED AT REGULAR INTERVALS TO ASSURE PROPER FUNCTION

REFERENCES:

1. CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD'S FIELD MANUAL FOR EROSION AND SEDIMENTATION CONTROL
2. CALIFORNIA STORM WATER QUALITY ASSOCIATION BEST MANAGEMENT PRACTICES HANDBOOK FOR CONSTRUCTION

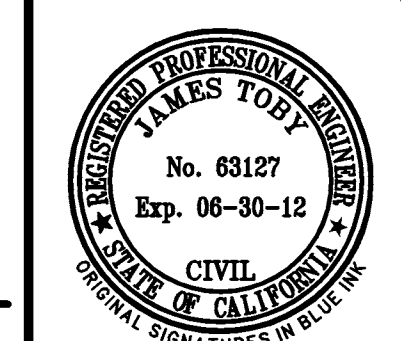
EROSION CONTROL LEGEND



NOTE:
SEAL ALL OTHER INLETS NOT INTENDED TO ACCEPT STORM WATER AND DIRECT FLOWS TEMPORARILY TO FUNCTIONAL SEDIMENTATION BASIN INLETS. -TYP

EROSION CONTROL MEASURES SHALL BE IN PLACE AND MAINTAINED FROM OCTOBER 15 TO APRIL 15 AS REQUIRED.

NOTE:
EROSION CONTROL IS ONLY REQUIRED IMMEDIATELY DOWNHILL OF ANY CONSTRUCTION IN PROGRESS. EROSION CONTROL MEASURES CAN BE RELOCATED AS NECESSARY AND STILL FUNCTION

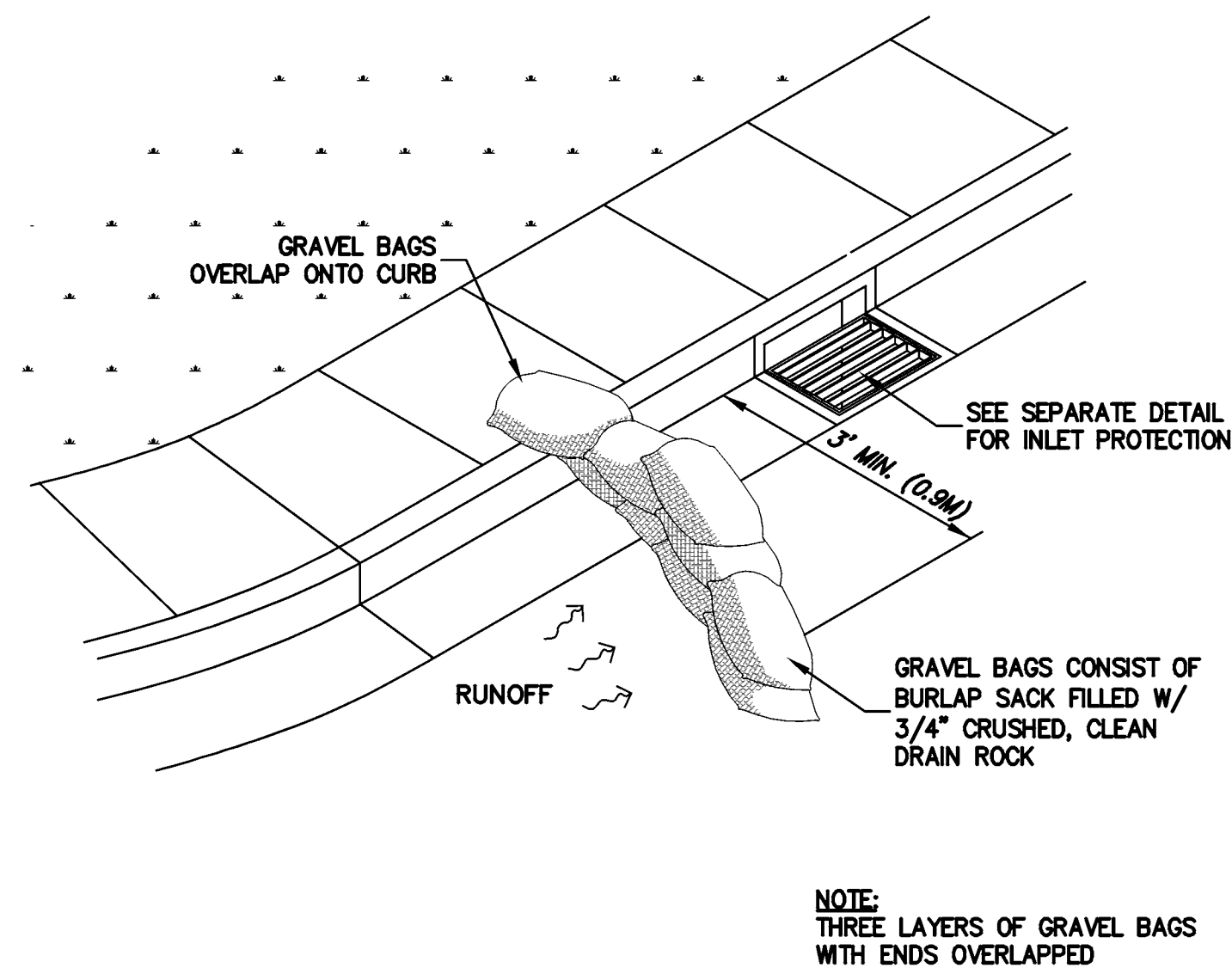


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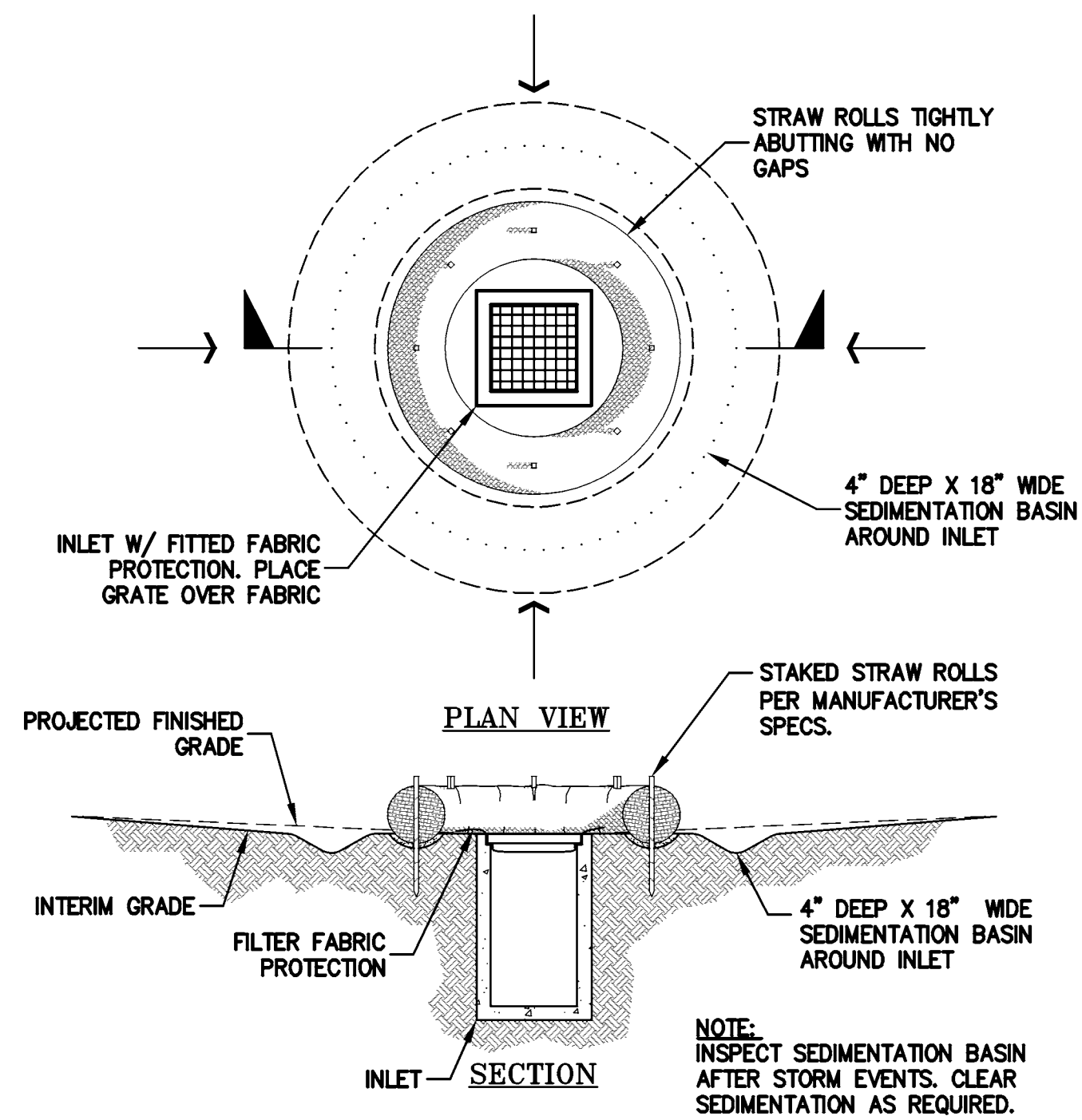
TRACT 6102
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UNINCORPORATED ALAMEDA COUNTY

EROSION CONTROL
PLAN

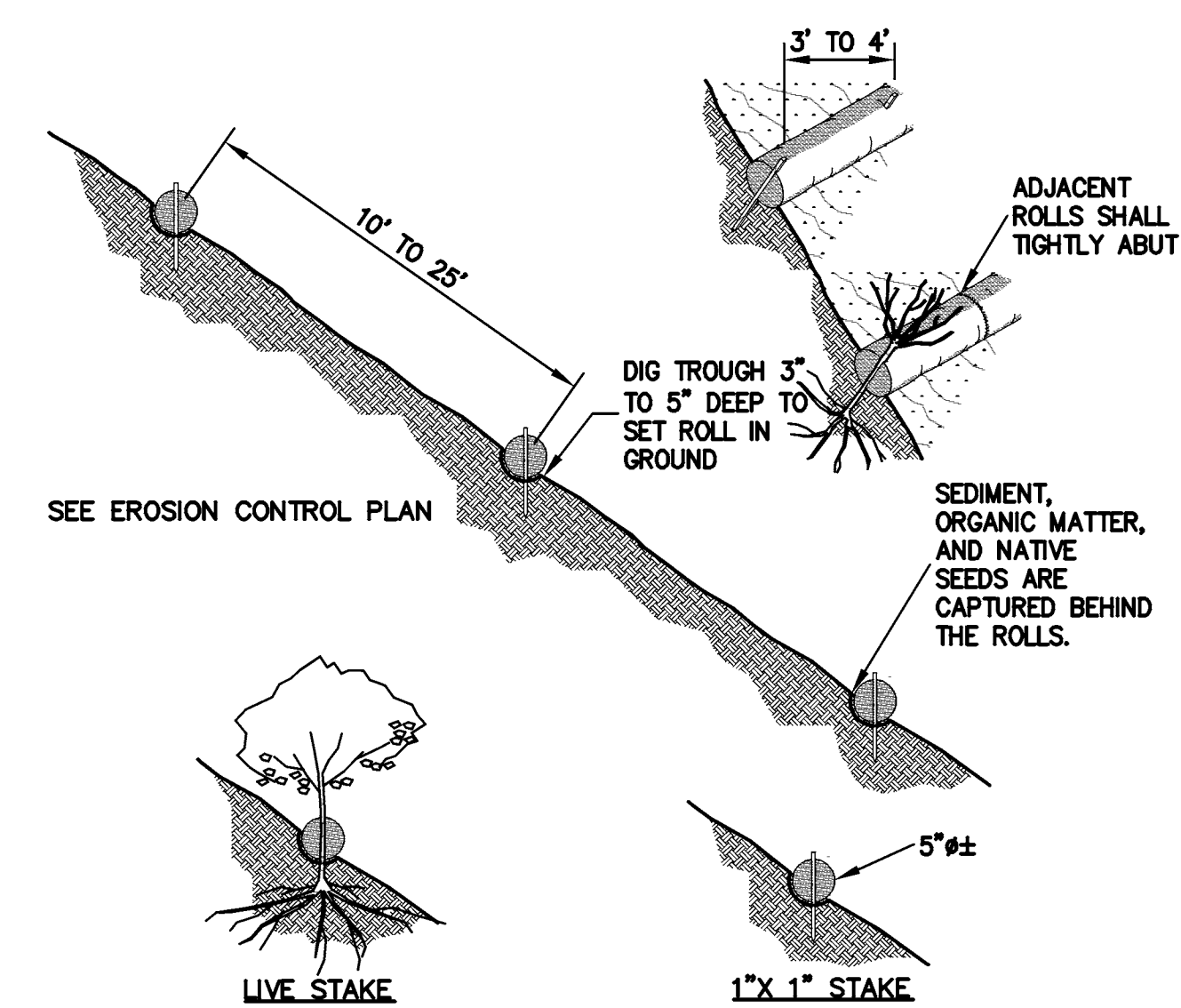
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REVISIONS	BY
JOB NO:	2100094
DATE:	8-5-11
SCALE:	1" = 60'
DESIGN BY:	JR/RC
DRAWN BY:	TB
SHEET NO:	ER-1
21 OF 22 SHEETS	



1 GRAVEL BAG DIKE
ER-2 NTS

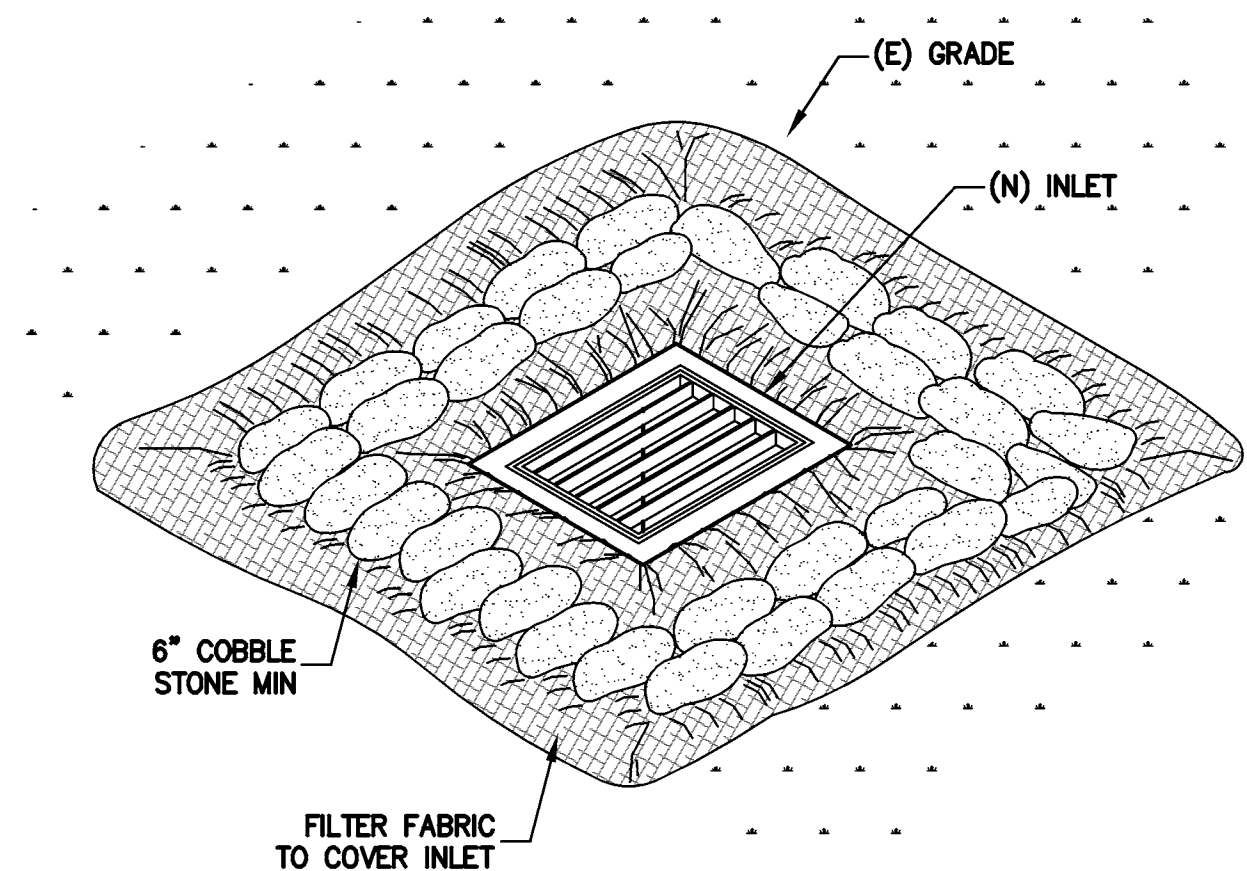


2 SEDIMENTATION BASIN
ER-2 NTS

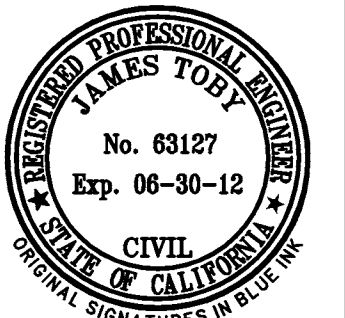


- NOTE:
- STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" TO 5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
 - CONTRACTOR IS RESPONSIBLE FOR REGULAR MAINTENANCE AND INSPECTION. THE SILT SHALL BE CLEANED OUT WHEN IT REACHES HALF THE HEIGHT OF THE ROLL.

3 STRAW ROLLS
ER-2 NTS



4 INLET PROTECTION
ER-2 NTS



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EROSION CONTROL
DETAILS

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DRAWN BY:	TB
SHEET NO:	