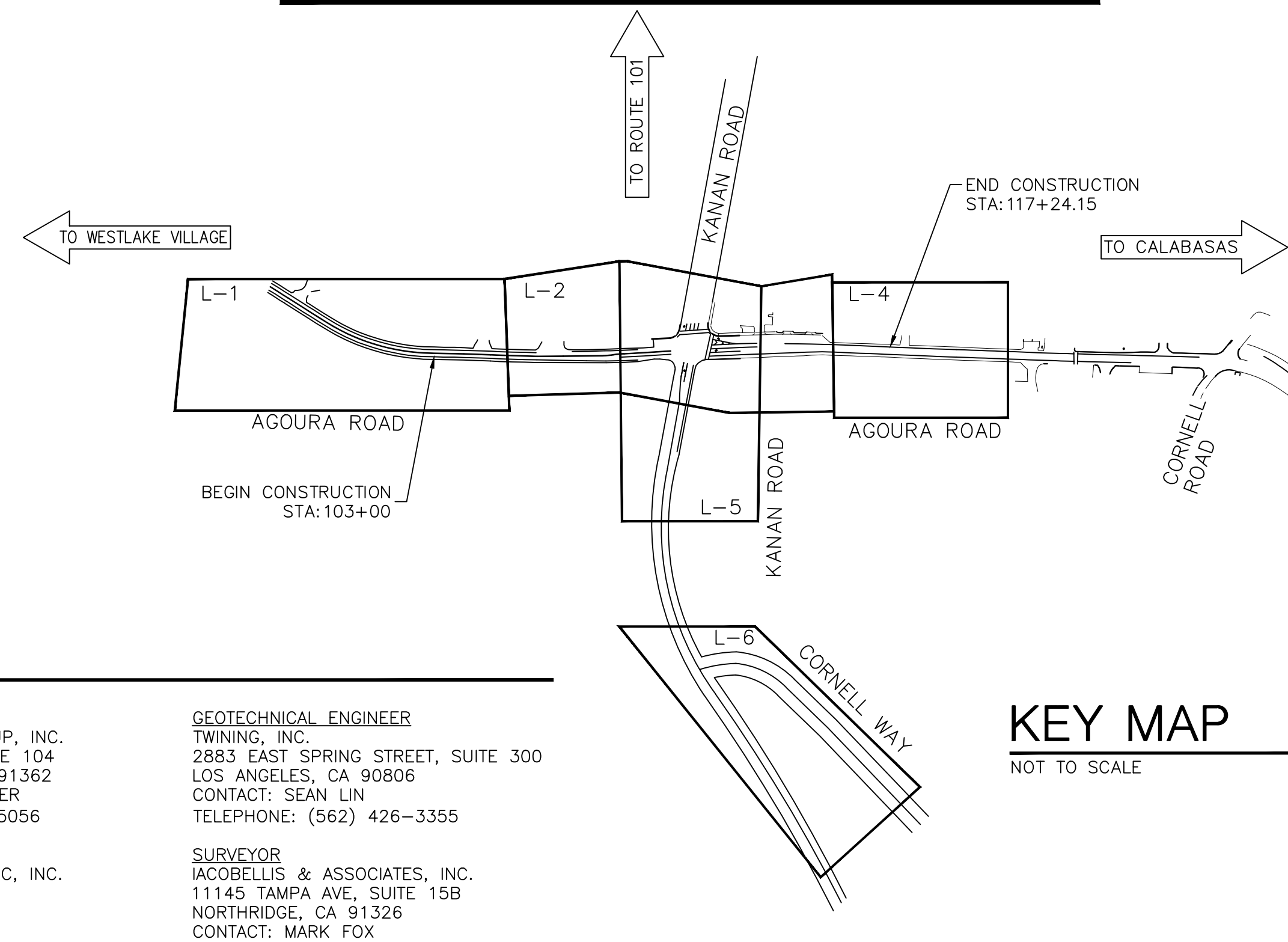
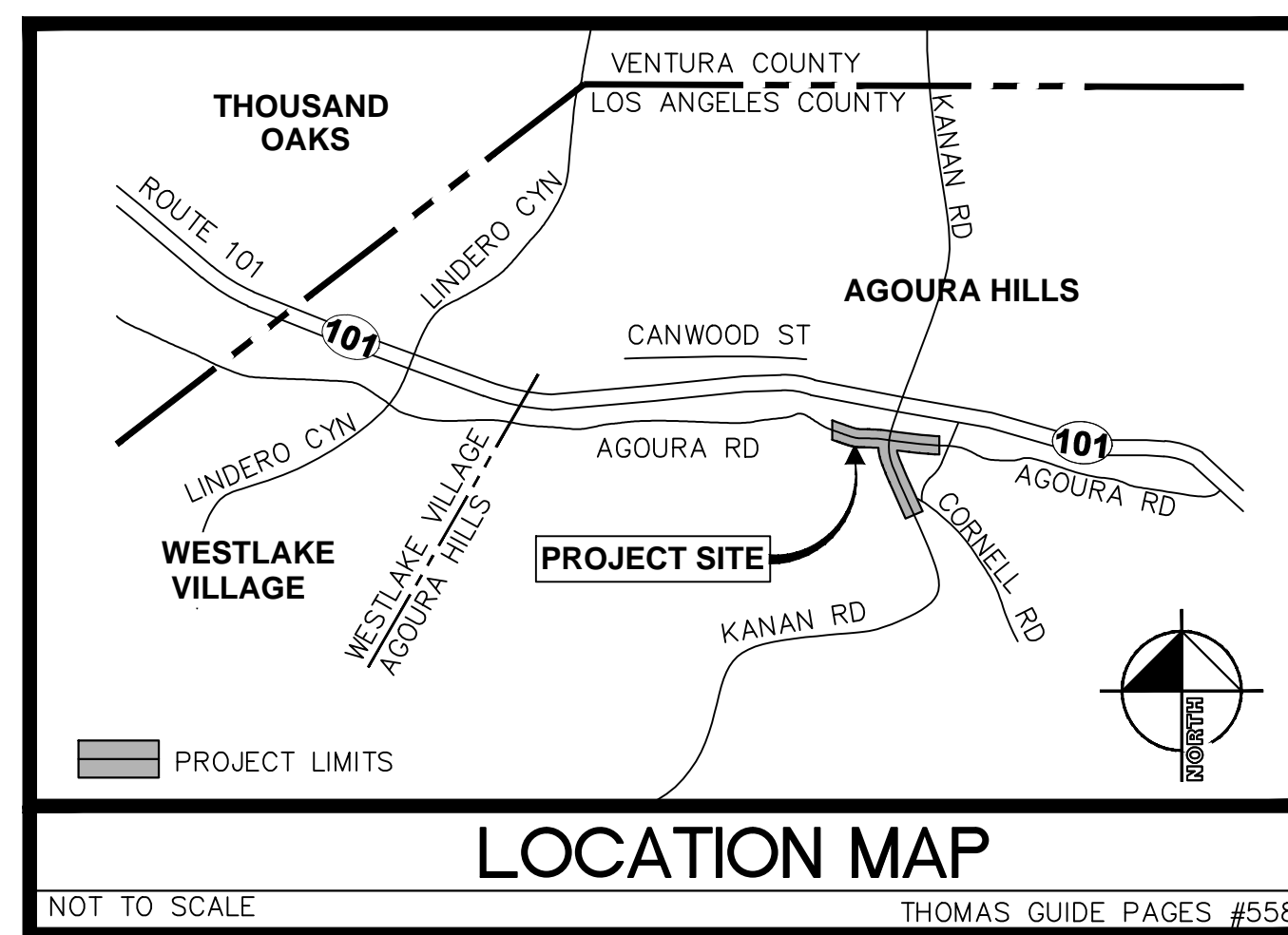
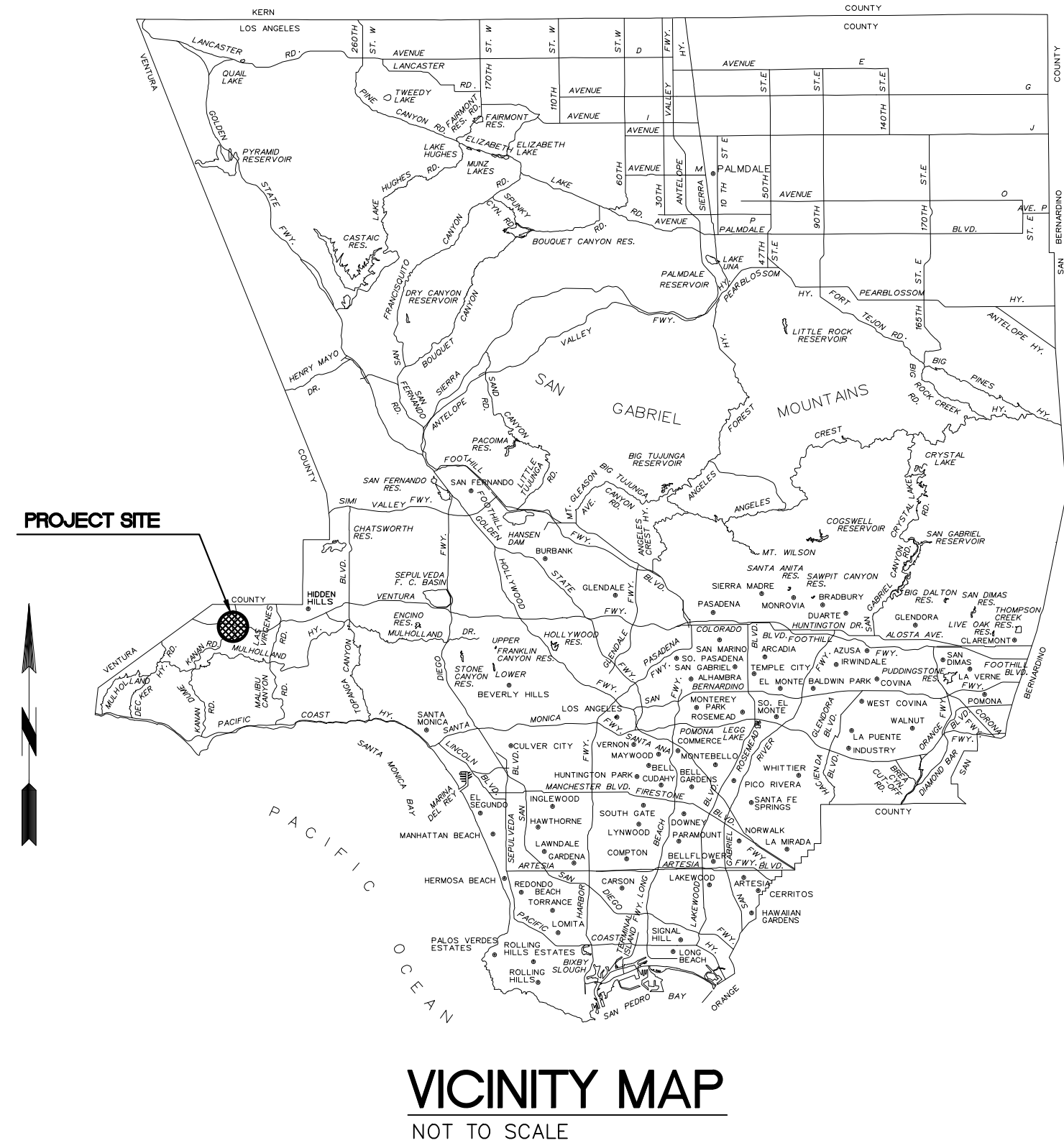


CITY OF AGOURA HILLS KANAN ROAD/ AGOURA ROAD ULTIMATE INTERSECTION IMPROVEMENTS NIB - XX-XX

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ABBREVIATIONS LIST

AB	AGGREGATE BASE	N	NORTH
AC	ASPHALT CONCRETE	NO	NUMBER
AG	AGOURA ROAD CENTERLINE	NTS	NOT TO SCALE
AP	ANGLE POINT	N/S	NORTH SIDE
ARHM	ASPHALT RUBBER HOT MIX	OG	ORIGINAL GRADE
BEG	BEGIN	OHE	OVERHEAD ELECTRICAL
BW	BACK OF WALK	PC	POINT OF CURVE
BC	BEGINNING OF CURVE	PCC	PORTLAND CEMENT CONCRETE
BCR	BEGINNING OF REVERSE CURVE	PG	PROFILE GRADE
CATV (CTV)	CABLE TV	PI	POINT OF TANGENT INTERSECTIONS
CL	CENTER LINE	PL	PROPERTY LINE
C/G	CURB AND GUTTER	PP	POWER POLE
CIP	CAST IN PLACE	PR	PROPOSED
CMP	CORRUGATED METAL PIPE	PRC	POINT OF REVERSE CURVATURE
CONC	CONCRETE	PT	POINT OF TANGENT OR POINT
DPW	DEPARTMENT OF PUBLIC WORKS	PVC	POLYVINYL CHLORIDE
DWG	DRAWING	PVMT	PAVEMENT
DWY	DRIVEWAY	PWFB	PUBLIC WORKS FIELD BOOK
E	ELECTRIC/EAST	R	RADIUS
EC	END OF CURVE	ROW (R/W)	RIGHT OF WAY
ECR	END OF REVERSE CURVE	RT (Rt)	RIGHT
EG	EXISTING GROUND	RW	RECLAIMED WATER
ELEV	ELEVATION	S	SOUTH
EMH	ELECTRIC MANHOLE	S/S	SOUTH SIDE
EP	EDGE OF PAVEMENT	SD	STORM DRAIN
EX. (E) (EX)	EXISTING	SDMH	STORM DRAIN MANHOLE
FG	FINISHED GRADE	SPPWC	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
FL	FLOW LINE	SS	SANITARY SEWER
FS	FINISHED SURFACE	STA	STATION
FW	FIRE WATER	STD	STANDARD
G	GAS	SW	SIDEWALK
GA	GUY ANCHOR	T	TELEPHONE
GP	GUY POLE	TRAN	TRANSITION
GP	GUARD POST	TC (TOC)	TOP OF CURB
GV	GAS VALVE	TEPM	TEMPORARY
HMA	HOT MIXED ASPHALT	TC	TOP OF GRATE
HP	HINGE POINT	TMH	TELEPHONE MANHOLE
HOR	HORIZONTAL	TW	TOP OF WALL
ID	IDENTIFICATION	Typ (TYP)	TYPICAL
L	LENGTH	UNO	UNLESS NOTED OTHERWISE
LEFT (Lt)	LEFT	UTB	UTILITY BOX
LACO	LOS ANGELES COUNTY	UTV	UTILITY VAULT/VALVE
MAX	MAXIMUM	VERT	VERTICAL
MBRG	METAL BEAM GUARDRAIL	W	WEST
MH	MANHOLE	W (WT)	WATER
MIN	MINIMUM	WV	WATER VALVE

PROJECT TEAM



DIAL TOLL FREE
811

Know what's below.
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BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

CITY OF AGOURA HILLS
DEPARTMENT OF PUBLIC WORKS
30001 LADYFACE COURT
AGOURA HILLS, CA 91301
CONTACT: CHARMAINE YAMBABO
TELEPHONE: (818) 597-7360

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
660 South Figueroa St., Suite 2050
LOS ANGELES, CA 90017
CONTACT: SRIKANTH CHAKRAVARTHY
TELEPHONE: (213) 261-4040

LANDSCAPE ARCHITECT
L. NEWMAN DESIGN GROUP, INC.
31300 VIA COLINAS, SUITE 104
WESTLAKE VILLAGE, CA 91362
CONTACT: BOB BOMBARDIER
TELEPHONE: (818) 991-5056

ENVIRONMENTAL
RINCON CONSULTANTS, INC. INC.
180 NORTH ASHWOOD
VENTURA, CA 93003
CONTACT: JOE POWER
TELEPHONE: (805) 644-4455

GEOTECHNICAL ENGINEER
TWINING, INC.
2883 EAST SPRING STREET, SUITE 300
LOS ANGELES, CA 90806
CONTACT: SEAN LIN
TELEPHONE: (562) 426-3355

SURVEYOR
IACOBELLIS & ASSOCIATES, INC.
11145 TAMPA AVE., SUITE 15B
NORTHRIDGE, CA 91326
CONTACT: MARK FOX
TELEPHONE: (818) 366-4813

65% SUBMITTAL

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		35%PS&E		08/04/15
2		65%PS&E		04/21/16

PREPARED BY:

Kimley»Horn

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660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017
Tel (213) 261-4040

JUSTIN GATZA R.C.E. C83496 xx/xx/xx DATE



REVIEWED BY:

CHARMAINE YAMBABO DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER



KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS
TITLE SHEET T-1

DESIGNED BY: JG DRAWN BY: SV CHECKED BY: MC KHA JOB NUMBER: 099083026

SHEET 1 OF 35

GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, THE STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC), AND CITY OF AGOURA HILLS STANDARD PLANS. IN THE EVENT OF A CONFLICT BETWEEN THESE DOCUMENTS THE MOST STRINGENT REQUIREMENTS SHALL PREVAIL.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING IMPROVEMENTS INTERFERING WITH THE PROPOSED WORK. WHETHER OR NOT SHOWN ON THE PLANS OR SPECIFIED IN THE SPECIAL PROVISIONS. NO IMPROVEMENTS ARE TO BE REMOVED IN THE PUBLIC RIGHT-OF-WAY UNLESS APPROVED BY THE CITY.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE PLANS AND THE SITE CONDITIONS PRIOR TO COMMENCING WORK. IF CONDITIONS DIFFER FROM THOSE SHOWN IN THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
- WHEN JOINING EXISTING IMPROVEMENTS, THE CONTRACTOR SHALL SAW-CUT EXISTING SIDEWALK AND/OR CURB AND GUTTER AT THE NEAREST SCORELINE.
- THE CONTRACTOR SHALL SAW-CUT ALL CONCRETE AND/OR ASPHALT PAVEMENT PRIOR TO EXCAVATION, AND AT THE NEAREST SCORE LINES WHERE APPROPRIATE.
- THE CONTRACTOR SHALL REPLACE ALL IMPROVEMENTS TO MATCH EXISTING THAT ARE DAMAGED OR REMOVED DURING CONSTRUCTION OPERATIONS.
- SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING BEFORE PROCEEDING WITH THE WORK IN QUESTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A STORAGE AREA TO STOCKPILE MATERIAL, PARK EQUIPMENT AND STORE SURPLUS MATERIAL AT THE END OF EACH DAY. LOCATION USED AS A STORAGE AREA SHALL BE PER CITY CODE, AND APPROVED BY THE CITY PRIOR TO COMMENCING ANY WORK. NO STORAGE OF PIPE, MATERIAL OR EQUIPMENT SHALL BE PERMITTED WITHIN THE STREET RIGHT OF WAY.
- SEVENTY-TWO (72) HOURS (THREE WORKING DAYS) PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT 811.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND LICENSES BEFORE COMMENCING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING DAMAGE TO ANY EXISTING UTILITY DURING EXCAVATION AT CONTRACTOR'S COST, WHETHER THE EXISTING UTILITY IS SHOWN OR NOT ON THE PLAN.
- CONTRACTOR SHALL REPLACE AT CONTRACTOR'S COST, ALL TRAFFIC STRIPING AND MARKING ON THE STREET AFFECTED BY THE CONSTRUCTION.
- ALL LAWN, SPRINKLER LINES, SPRINKLER HEAD AND APPURTENANCES, SHRUBS, GRASS, PLANTS AND GROUND COVERS THAT HAVE BEEN DAMAGED OR DISTURBED DURING CONSTRUCTION, SHALL BE REPLANTED AND/OR REPLACED TO MATCH EXISTING BY CONTRACTOR AT CONTRACTOR'S COST, AND THE WORK SITE SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
- IF TREE ROOTS ARE ENCOUNTERED DURING EXCAVATION, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY.
- A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE CITY'S TRAFFIC ENGINEER PRIOR TO BEGINNING OF ANY WORK IN THE PUBLIC RIGHT-OF-WAY.
- CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS TO THE CITY ENGINEER IMMEDIATELY UPON COMPLETION OF THE WORK.
- THE CONTRACTOR SHALL DEMONSTRATE WITH THE FLOW OF WATER FROM A WATER TRUCK OR HOSE THAT THE STREET AND GUTTER DRAIN SATISFACTORILY BEFORE THE CITY WILL ACCEPT THE WORK AS COMPLETE.
- THE CONTRACTOR SHALL BE AWARE OF OVERHEAD LINES AT ALL TIMES.
- STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON PLANS.
- THE CONTRACTOR SHALL OBTAIN AN O.S.H.A. PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE START OF CONSTRUCTION OF TRENCHES OR EXCAVATIONS FIVE FEET OR DEEPER.
- SHORING DESIGN, PLAN AND PERMITTING REQUIRED FOR EXCAVATIONS WILL BE PROVIDED BY CONTRACTOR.
- DIMENSIONS TO PIPE LINES ARE TO CENTERLINE, U.N.O.
- CONSTRUCTION GRADES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR TO COORDINATE WITH THE CITY TO PROVIDE NOTICES TO RESIDENTS AND BUSINESSES AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO START OF CONSTRUCTION OR AS DIRECTED BY THE CITY.

GENERAL NOTES (SIGNING AND STRIPING ONLY)

- ALL SIGNING AND STRIPING SHALL BE ACCORDING TO THE MAY 2006 EDITION OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD PLANS AND THE 2012 CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD). ALL SIGNING AND STRIPING SHALL BE NEW INSTALLATIONS EXCEPT AS OTHERWISE NOTED.
- ALL CONFLICTING SIGNING OR STRIPING SHALL BE REMOVED. LINES AND PAVEMENT MARKINGS SHALL BE REMOVED BY SANDBLASTING OR GRINDING. PAVEMENT DAMAGED DUE TO REMOVING RAISED PAVEMENT MARKERS SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER.
- ALL LANE LINES AT INTERSECTION APPROACHES SHALL BEGIN AND END WITH 50' OF SOLID WHITE.
- ALL ARROWS SHALL BE THERMOPLASTIC TYPE IV (L OR R), UNLESS OTHERWISE INDICATED.
- LANE WIDTHS SHALL BE MEASURED BETWEEN THE CENTER LINES OF EACH ADJACENT SINGLE OR DOUBLE STRIPE OR FACE OF CURB AS APPROPRIATE.
- STRIPING SHALL BE MARKED-OUT AND APPROVED BY THE CITY ENGINEER PRIOR TO FINAL INSTALLATION. CONTRACTOR SHALL WAIT ONE WEEK PRIOR TO FINAL STRIPING INSTALLATION.
- PROPOSED LANE LINES SHALL MATCH EXISTING LANE LINES UNLESS OTHERWISE INDICATED.
- SIGN POSTS SHALL BE "UNISTRUT" 2" SQUARE GALVANIZED STEEL POSTS WITH BREAKAWAY ANCHOR SLEEVE, OR APPROVED EQUAL.
- THIS PLAN IS ACCURATE FOR SIGNING AND STRIPING WORK ONLY.
- ALL STRIPING INCLUDING BICYCLE LANE LEGENDS SHALL BE PAINT EXCEPT AS NOTED HEREON. PAVEMENT LEGENDS, MARKINGS, AND STRIPING WITHIN 200 FEET OF ALL INTERSECTIONS SHALL BE THERMOPLASTIC.

GENERAL NOTES (ELECTRICAL ONLY)

- ALL NEW STREET LIGHT INSTALLATIONS SHALL MAINTAIN 30' MINIMUM CLEARANCE FROM THE BOTTOM OF THE LIGHT FIXTURE TO THE FINISHED SURFACE OF THE ROADWAY.
- ALL CONDUIT SHALL BE PLACED BEHIND CURB EXCEPT AT INTERSECTIONS.
- ALL INSTALLATION SHALL CONFORM TO THE GENERAL NOTES IN THE CITY OF AGOURA HILLS STANDARD PLANS.

ENGINEER'S NOTES TO CONTRACTOR

- THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, SITE AND SOIL CONDITIONS BEFORE COMMENCING WORK AND SHALL REPORT DISCREPANCIES OR CONFLICTS TO THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RUBBISH AND DEBRIS RESULTING FROM THE WORK AND SHALL REMOVE IT FROM THE SITE AND DISPOSE OF IT PROPERLY.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MINIMIZE INCONVENIENCE TO THE PUBLIC.
- THE CONTRACTOR SHALL ADJUST WATER VALVE BOXES, STORM DRAIN AND SEWER MANHOLES, VAULTS, METER BOXES, AND TRAFFIC SIGNAL AND STREET LIGHT PULL BOXES TO CONFORM TO FINISHED GRADES AS CONSTRUCTED WHETHER INDICATED ON THE PLANS OR NOT, AND SHALL BE APPROVED BY THE CITY ENGINEER OR HIS/HER REPRESENTATIVE.
- STORM DRAIN MANHOLES SHALL BE ADJUSTED TO GRADE PER LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS STANDARD DWG NO. 3029-0 (SPPWC 324-2).
- CONSTRUCTION SURVEYING IS THE RESPONSIBILITY OF THE CONTRACTOR. SURVEYOR FOR THE CONTRACTOR SHALL BE A LICENSED SURVEYOR IN THE STATE OF CALIFORNIA.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH UTILITY OWNERS BEFORE START OF WORK, AND THROUGHOUT CONSTRUCTION.
- THE EXACT LOCATIONS OF UTILITIES HAVE NOT BEEN INDICATED ON THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND FACILITIES PRIOR TO DOING ANY WORK THAT MAY DAMAGE SUCH FACILITIES, OR IMPACT OR INTERFERE WITH THEIR SERVICE.
- AT LEAST 72 HOURS SHALL ELAPSE FROM THE TIME PCC IS PLACE UNTIL VEHICULAR TRAFFIC IS PERMITTED.
- THE MAXIMUM WIDTH OF PLACING PCC PAVEMENT IN ONE PASS SHALL BE 12 FEET.
- JOINT SEALANT SHALL BE PER SECTION 201-3.8 OF THE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION.
- MATCH CURB AND GUTTER JOINTS WITH PCC PAVEMENT TRANSVERSE JOINTS.
- CONTRACTOR TO MAINTAIN ACCESS TO EXISTING DRIVEWAYS AT ALL TIMES.
- SAWING OF JOINTS SHALL BEGIN AS SOON AS THE CONCRETE HAS SUFFICIENTLY HARDENED TO PERMIT SAWING WITHOUT RAVELING, BUT NOT EXCEEDING SIX (6) HOURS AFTER PLACEMENT OF CONCRETE.
- P.C.C. TRENCH BACKFILL SAND CEMENT SLURRY NEEDS NOT TO BE COMPACTED. HOWEVER, IF SOIL-CEMENT MATERIALS ARE USED, THEN SOILS MUST BE COMPACTED TO 90% OF THE MAX. DENSITY OBTAINABLE BY ASTM D-1557.
- CONTRACTOR SHALL SCHEDULE THE CONSTRUCTION OF THIS PROJECT AS DIRECTED IN THE SPECIFICATIONS.
- CONTRACTOR SHALL MAINTAIN TRAFFIC FLOW AT ALL TIMES AS DIRECTED IN THE SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL NOTIFY CITY OF AGOURA HILLS AND MTA BUS LINES OF ANY STREET CLOSURES FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING ANY WORK.
- ALL IMPORTED SOIL USED FOR BACKFILL SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER.
- CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING: SAFETY OF ALL PERSONS AND PROPERTY, AND THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER AND CITY FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OR ENGINEER.
- CONTRACTOR TO PHASE CURB RAMP CONSTRUCTION SUCH THAT ONLY ONE CURB RAMP IS UNDER CONSTRUCTION AT A TIME AT A GIVEN INTERSECTION.
- CONTRACTOR TO PHASE CONSTRUCTION IN A MANNER ACCEPTABLE TO THE CITY.

GRADING AND GEOTECHNICAL SPECIFICATIONS

- ALL GRADING SHALL BE DONE UNDER THE OBSERVATION AND TESTING BY A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND, IF REQUIRED, BOTH A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND AN ENGINEERING GEOLOGIST, ALL GRADING MUST BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY ORDINANCE AND THE RECOMMENDATIONS AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT OR GEOLOGICAL/GEOTECHNICAL INVESTIGATION PREPARED BY KLEINFELDER WEST, INC. DATED APRIL 5, 2011 FOR CANWOOD STREET AND MAY 26, 2011 FOR AGOURA ROAD AND KANAN ROAD.
- IF THE GEOTECHNICAL CONSULTANT OF RECORD IS CHANGED FOR THE PROJECT, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THE RESPONSIBILITY WITHIN THE AREA OF THEIR TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE CITY IN WRITING OF SUCH CHANGE PRIOR TO THE RECOMMENCEMENT OF GRADING.
- THESE PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN THE REFERENCED GEOTECHNICAL REPORT(S) PREPARED FOR THIS PROJECT.

GEOTECHNICAL ENGINEER/GEOLOGIST	REGISTRATION NO.	DATE
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UTILITY CONTACTS

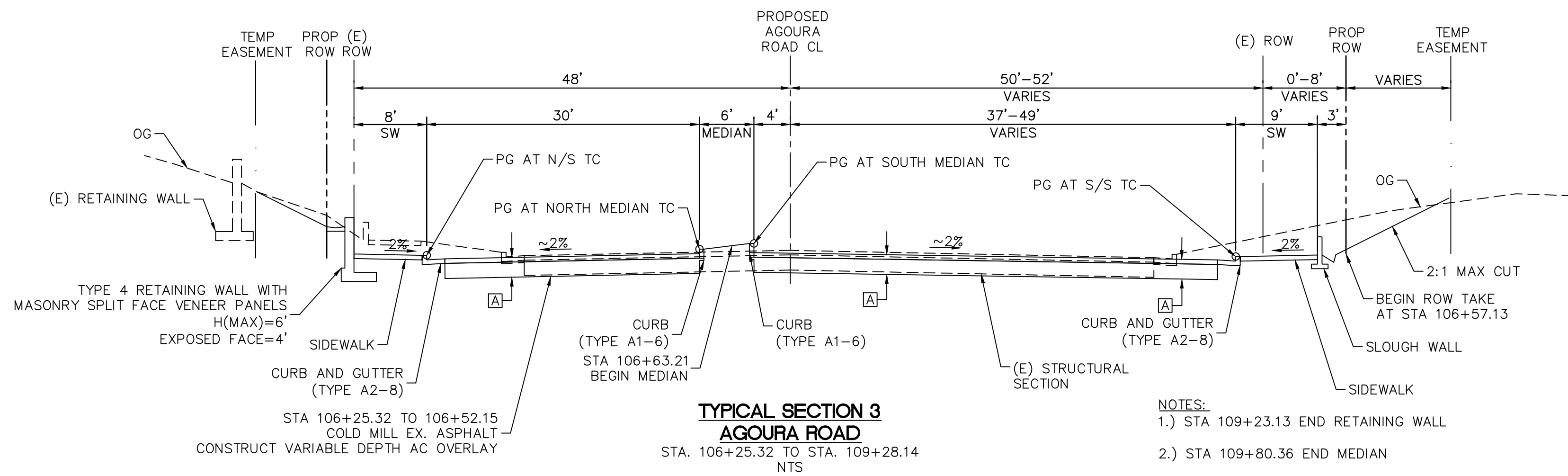
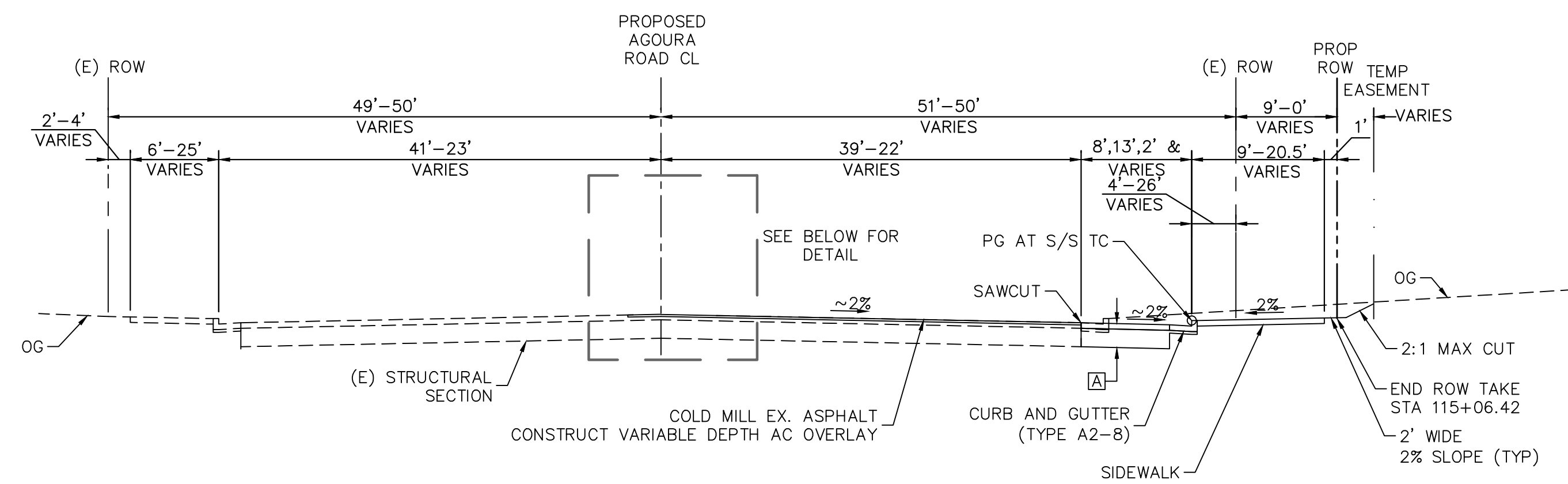
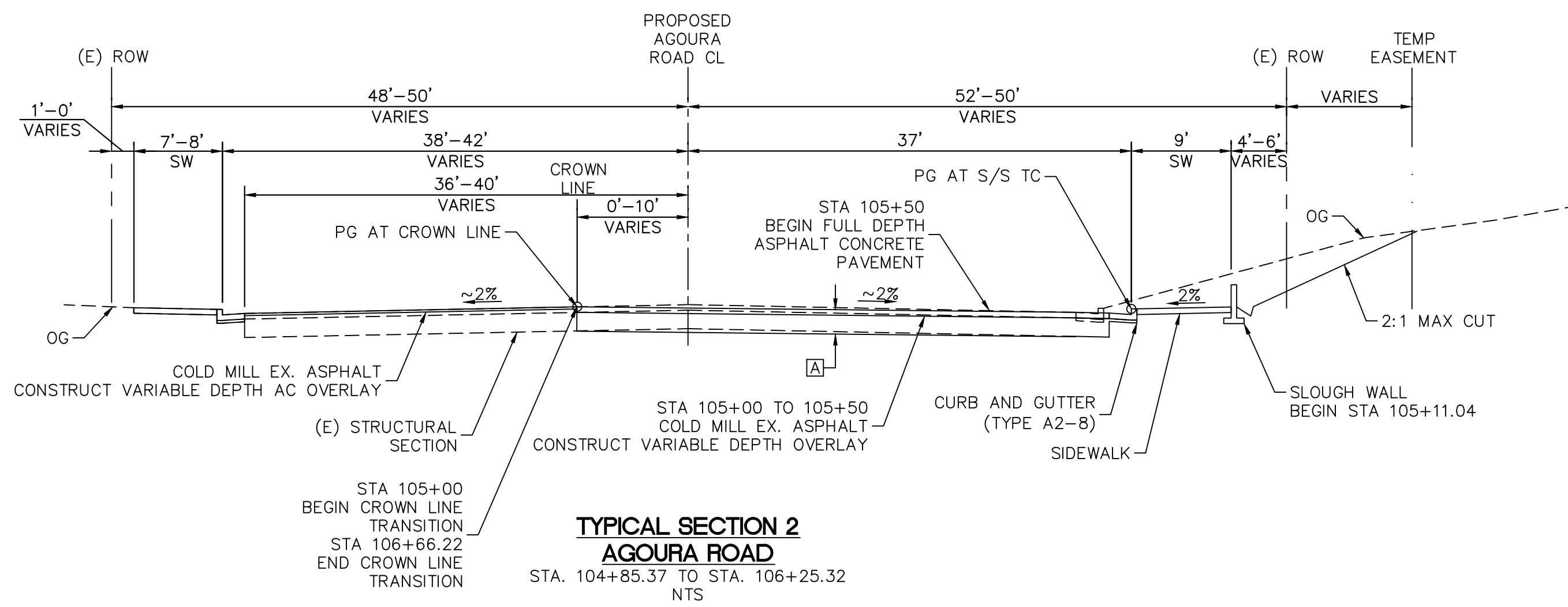
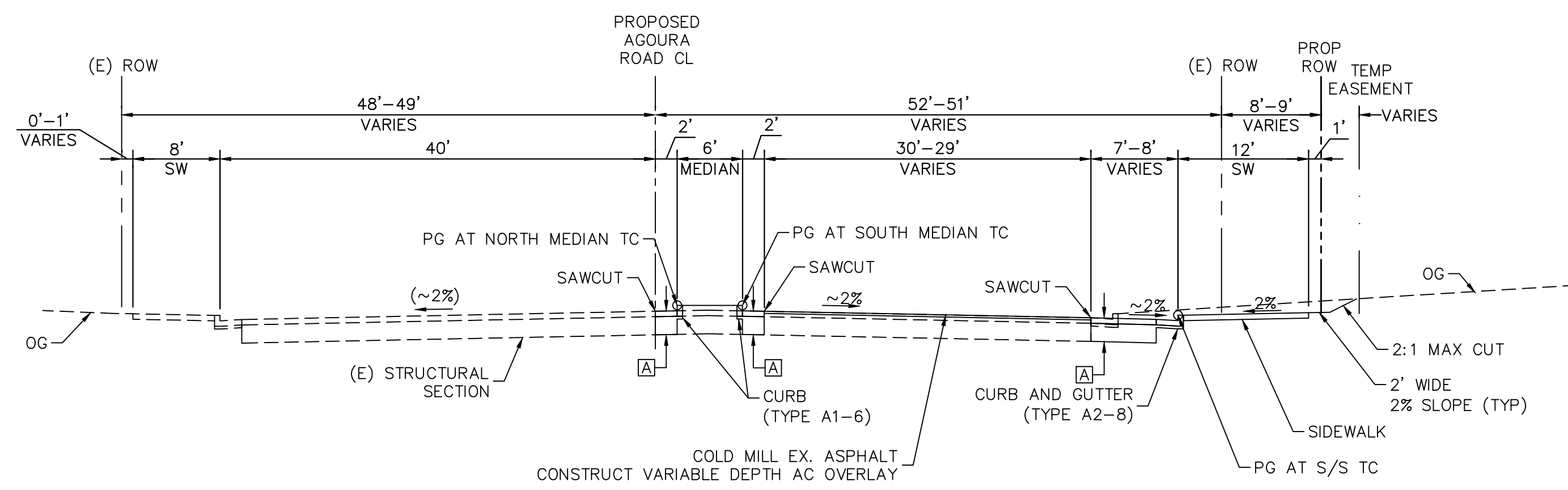
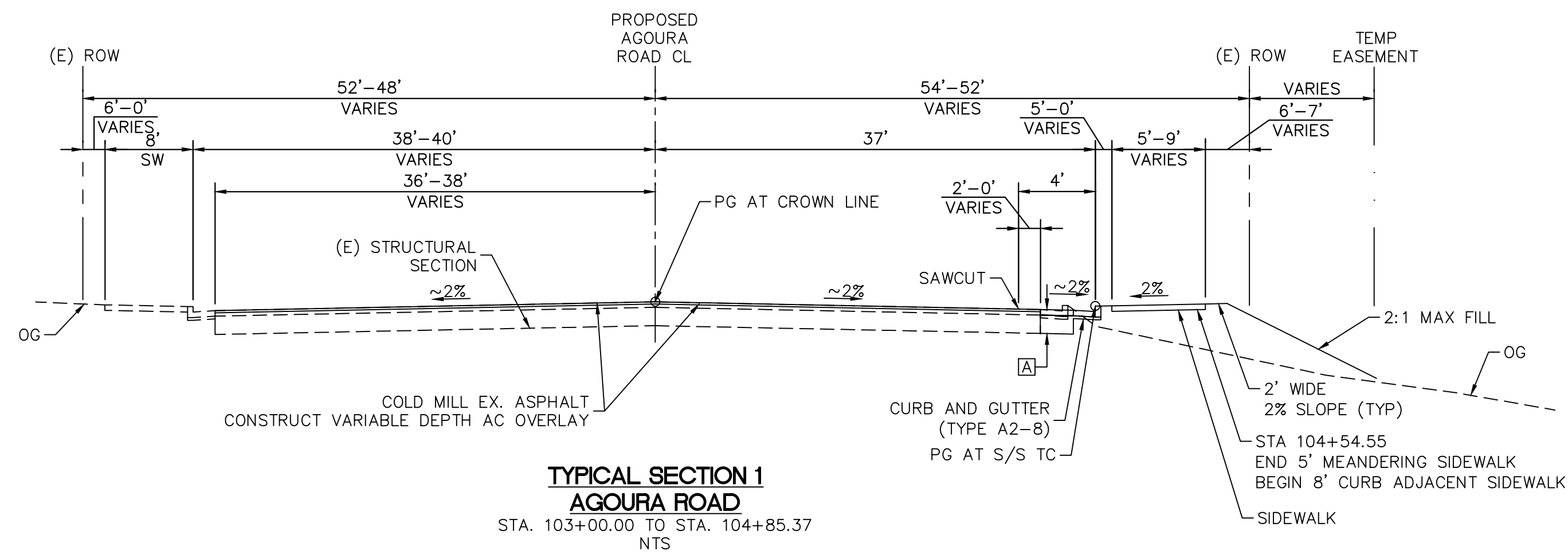
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UTILITY	PHONE NUMBER
AT&T LONG DISTANCE (JOSEPH FORKERT).....	(925) 977-2413
AT&T CALIFORNIA (LESLIE TARTMELLA).....	() -
AT&T LOCAL SERVICE (MARIA GUZMAN).....	(213) 787-9996
AT&T MOBILITY (FORMERLY CINGULAR) (JOHN CROSSE).....	(818) 923-9298
SOUTHERN CALIFORNIA EDISON (KIMBERLIE GURULE).....	(714) 796-9932
TIME WARNER CABLE (ROBERT BALABDRAN).....	()
SOUTHERN CA GAS COMPANY (ANTHONY ROTH).....	(818) 701-2507
SOUTHERN CA GAS COMPANY TRANSMISSION DEPT. (ROSALYN SQUIRES).....	(818) 701-3448
LOS ANGELES COUNTY ROAD DEPARTMENT (GEORGE ELLIS).....	(626) 458-1700
LAS VIRGENES MUNICIPAL WATER DISTRICT (DOUG BARROW).....	(818) 251-2233
VERIZON WIRELESS (AIRTOUCH CELL) (MATT KANG).....	(818) 898-2352
VERIZON (STEVEN SWINNEY).....	()
VERIZON BUSINESS (FORMERLY MCI WORLDCOM) (CHUCK CZUMAK).....	(941) 906-6703
UNDERGROUND SERVICE ALERT.....	801

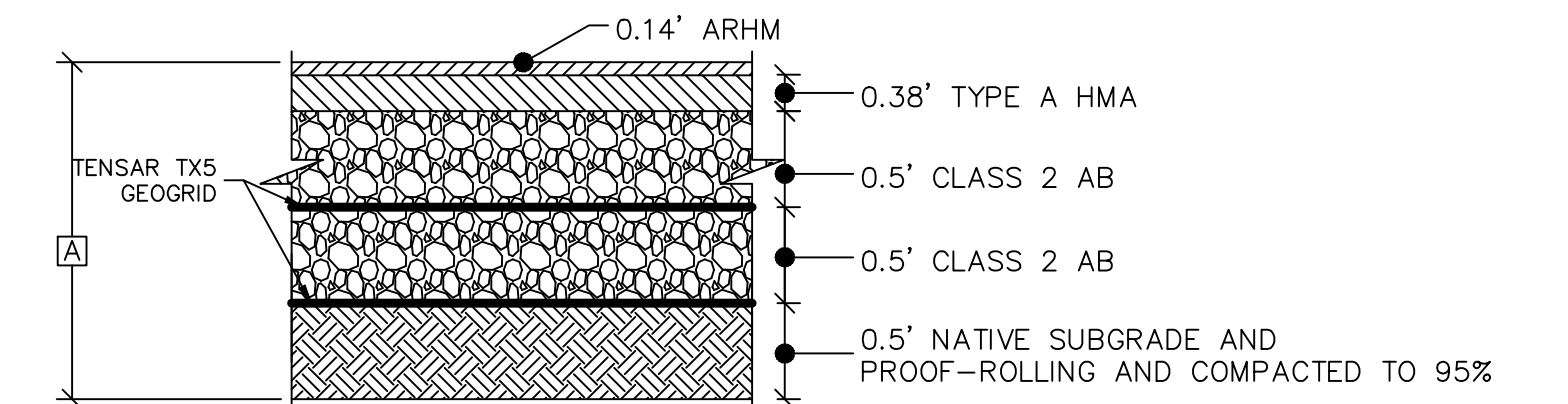
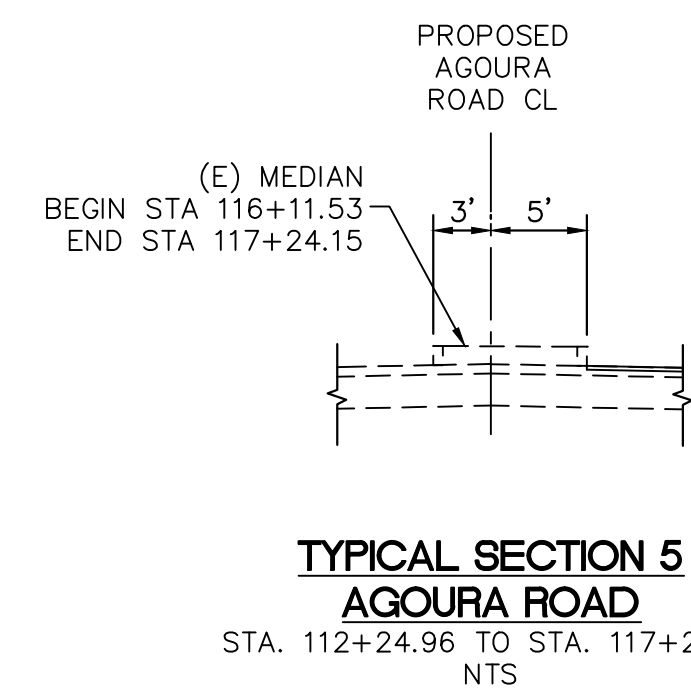


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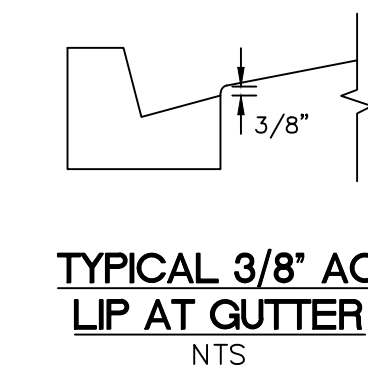
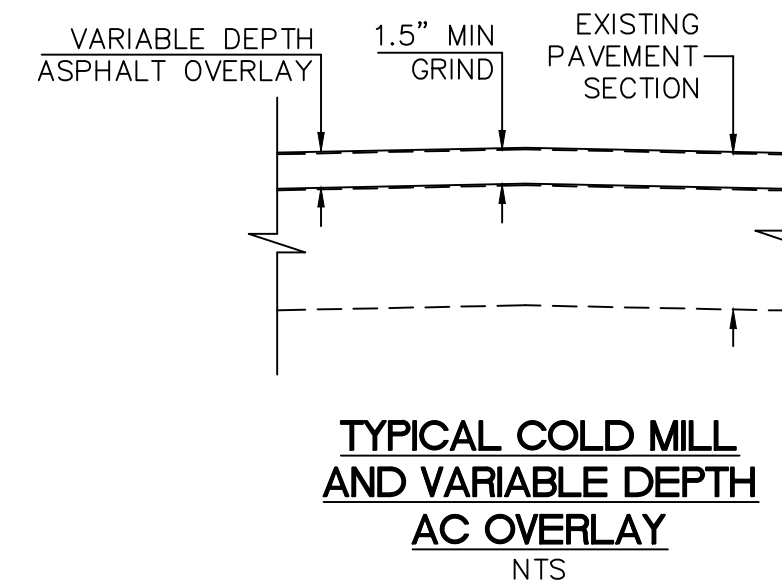
1		35%PS&E		08/04/15	PREPARED BY: Kimley»Horn © 2015 KIMLEY-HORN AND ASSOCIATES, INC. 660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017 Tel (213) 261-4040		REVIEWED BY:		KANAN ROAD/AGOURA ROAD ULTIMATE INTERSECTION IMPROVEMENTS GENERAL NOTES G-1							
2		65%PS&E		04/21/16			CHARMAINE YAMBAO ASSOCIATE CIVIL ENGINEER						DATE			
							APPROVED BY:		DESIGNED BY:	DRAWN BY:	CHECKED BY:	KHA JOB NUMBER	099083026			
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE	JUSTIN GATZA R.C.E. C83496	xx/xx/xx DATE	RAMIRO ADEVA DIRECTOR OF PUBLIC WORKS/CITY ENGINEER	DATE	JG	SV	MC					
													SHEET	2	OF	35



- NOTES:**
- 1.) STA 109+23.13 END RETAINING WALL
 - 2.) STA 109+80.36 END MEDIAN
 - 3.) STA 109+81.23 TO STA 111+05.19 CONSTRUCT DECORATIVE PAVEMENT (INTERSECTION)



- NOTE:** SEE PAVEMENT SECTION FOR DIMENSIONS.
- NOTES:**
1. SEE SIGNING AND STRIPING SHEET FOR LANE TRANSITIONS.
 2. DIMENSIONS OF STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE SPECIFICATIONS.
 3. SUBGRADE SLOPE TO BE THE SAME AS THE TYPICAL SURFACE SLOPE UNLESS OTHERWISE SHOWN OR NOTED.
 4. PROPOSED PAVEMENT SECTION WAS OBTAINED FROM THE GEOTECHNICAL REPORT BY TWINING ON 04/04/2016.



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1		35%PS&E	08/04/15
2		65%PS&E	04/21/16
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE DATE

PREPARED BY:

Kimley»Horn

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Tel (213) 261-4040

JUSTIN GATZA R.C.E. C83496



REVIEWED BY:

CHARMAINE YAMBAO DATE

ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA DATE

DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

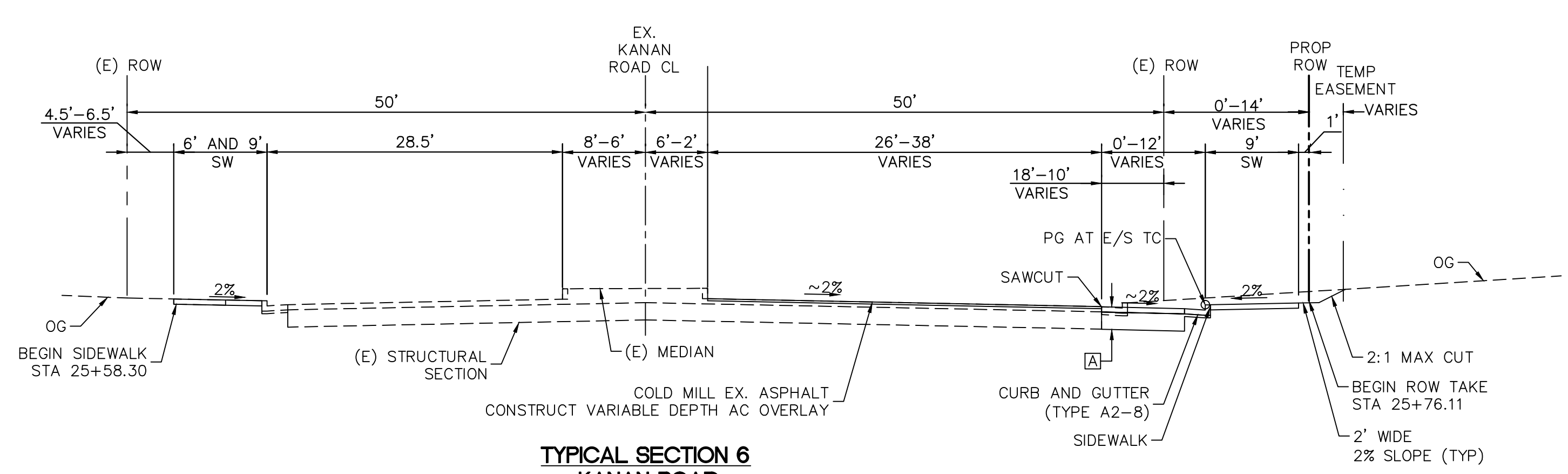


KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

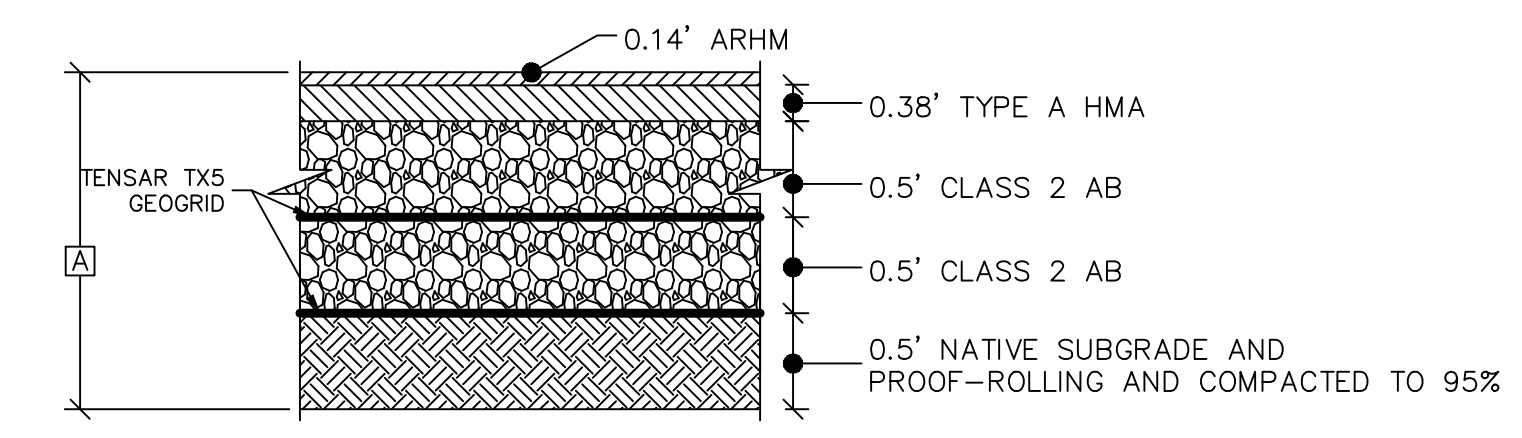
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DESIGNED BY: JG DRAWN BY: SV CHECKED BY: MC KHA JOB NUMBER: 099083026

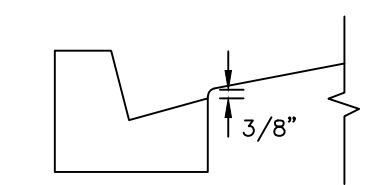
SHEET 3 OF 35



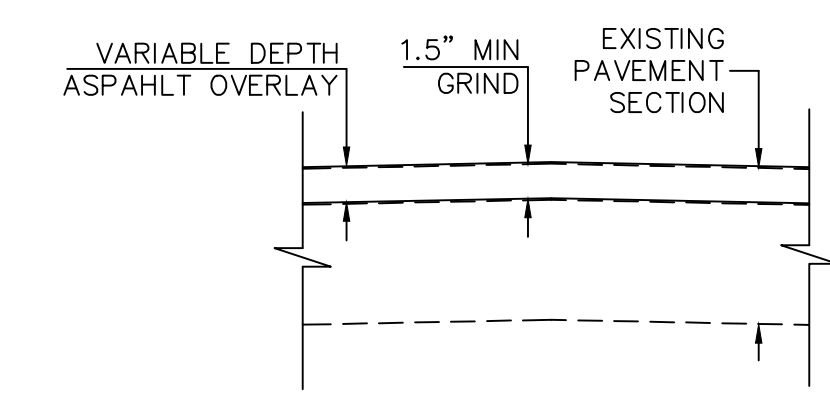
**TYPICAL SECTION 6
KANAN ROAD**
STA. 25+46.92 TO STA. 27+00.00
NTS



TYPICAL AC PAVEMENT SECTION
NTS

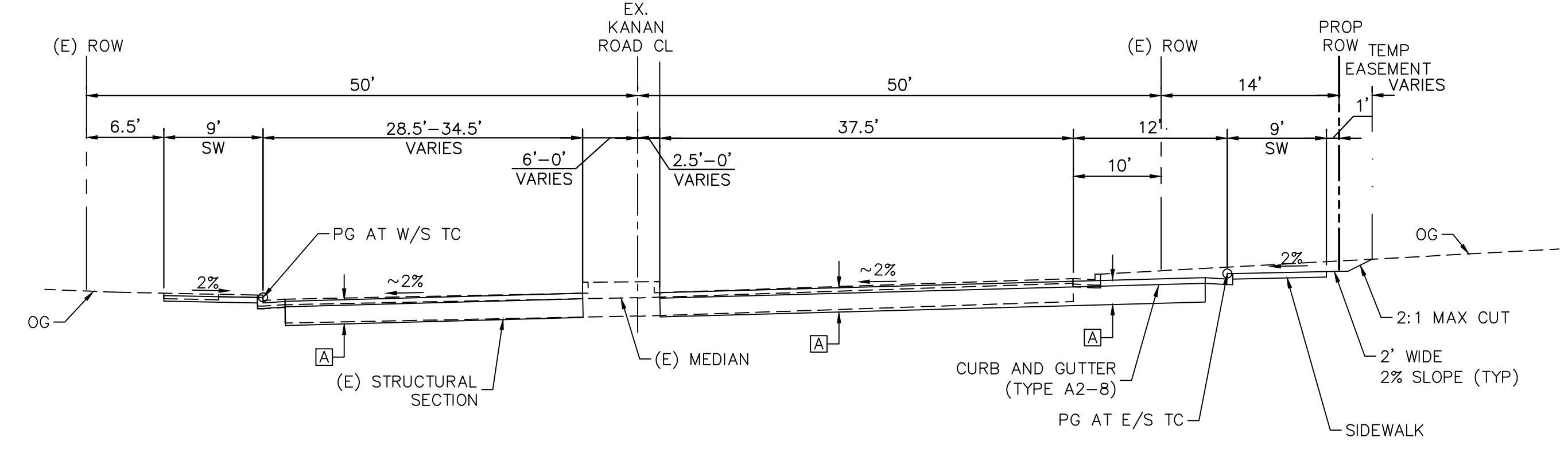


TYPICAL 3/8\"/>



**TYPICAL COLD MILL
AND VARIABLE DEPTH
AC OVERLAY**
NTS

- NOTES:**
1. SEE SIGNING AND STRIPING SHEET FOR LANE TRANSITIONS.
 2. DIMENSIONS OF STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE SPECIFICATIONS.
 3. SUBGRADE SLOPE TO BE THE SAME AS THE TYPICAL SURFACE SLOPE UNLESS OTHERWISE SHOWN OR NOTED.
 4. PROPOSED PAVEMENT SECTION WAS OBTAINED FROM THE GEOTECHNICAL REPORT BY TWINING ON 04/04/2016.



**TYPICAL SECTION 7
KANAN ROAD**
STA. 27+00.00 TO STA. 27+80.16
NTS

65% SUBMITTAL

1		35%PS&E		08/04/15
2		65%PS&E		04/21/16
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

PREPARED BY:

Kimley»Horn

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660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017
Tel (213) 261-4040

JUSTIN GATZA R.C.E. C83496

xx/xx/xx
DATE

REVIEWED BY:

CHARMAINE YAMBAO DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

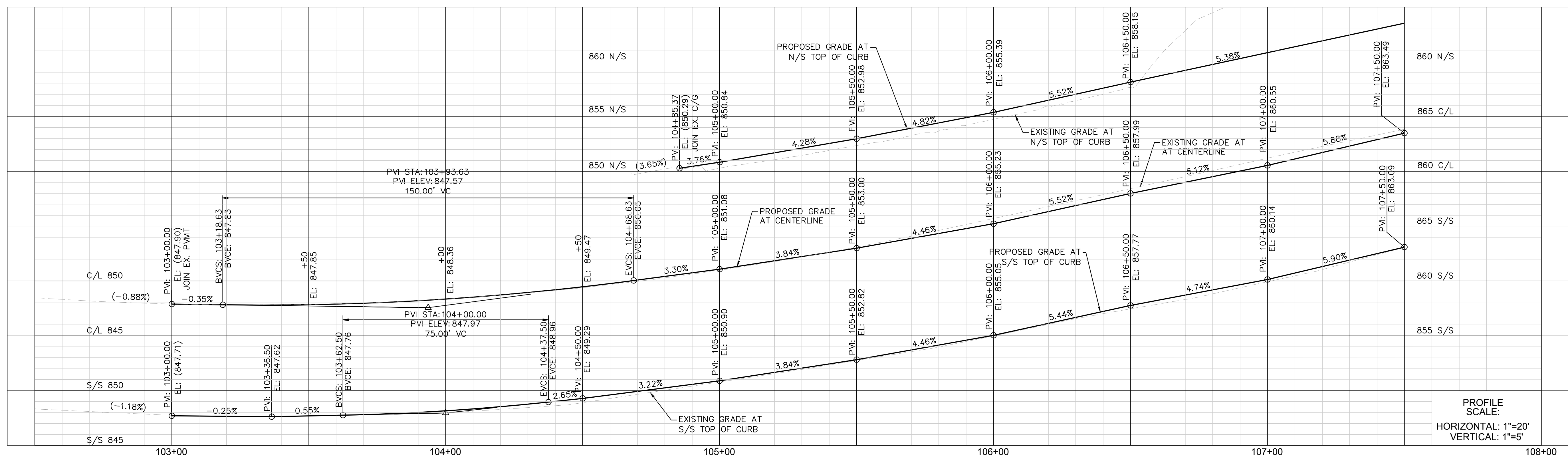


KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

TYPICAL SECTIONS X-2

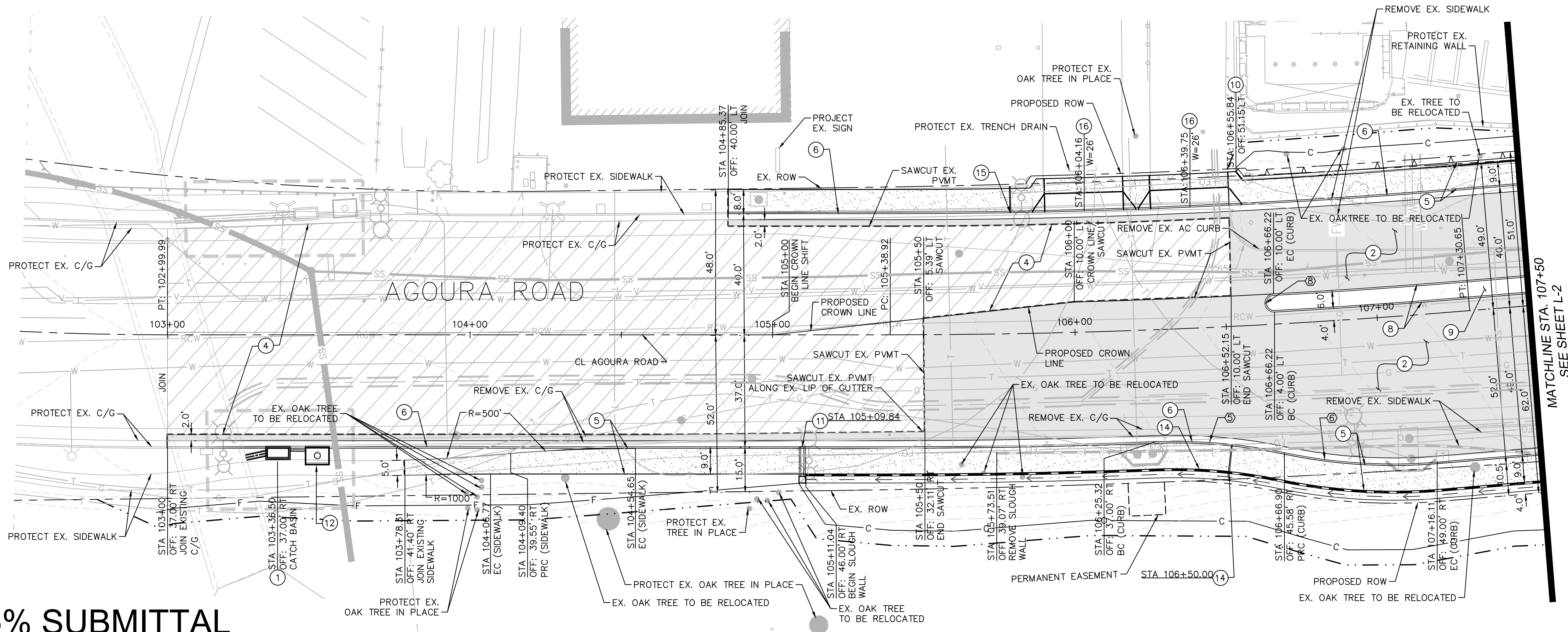
DESIGNED BY: JG	DRAWN BY: SV	CHECKED BY: MC	KHA JOB NUMBER 099083026
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SHEET 4 OF 35



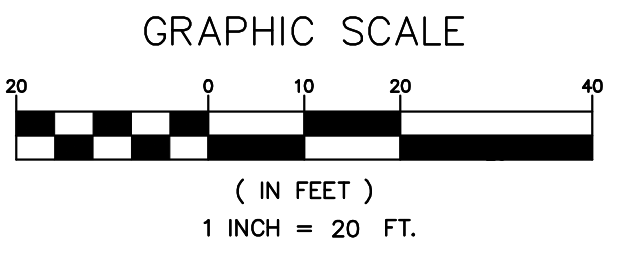
- ### LEGEND
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 - CONSTRUCT ASPHALT CONCRETE PAVEMENT
 - CONSTRUCT DECORATIVE PAVEMENT
 - PROPOSED RIGHT OF WAY
 - EX. RIGHT OF WAY
 - SAWCUT LINE
 - SLOUGH WALL
 - RETAINING WALL
 - EXTENT OF EARTHWORK CUT
 - EXTENT OF EARTHWORK FILL
 - TEMPORARY EASEMENT
 - PERMANENT EASEMENT

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- 1 CONSTRUCT NEW CATCH BASIN. SEE STORM DRAIN PLANS FOR DETAILS.
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 - 6 CONSTRUCT CURB AND GUTTER, TYPE A2-8, PER SPPWC STD. PLAN 120-2.
 - 7 CONSTRUCT CURB RAMP, CASE A-TYPE 1, PER SPPWC STD. PLAN 111-5.
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 - 14 CONSTRUCT SLOUGH WALL AND/OR CURB DRAIN PER CONSTRUCTION DETAIL SHEET CD-2.
 - 15 CONSTRUCT CURB DRAIN PER SPPWC STD. PLAN 150-3, N=1. CASE TYPE TO MATCH EXISTING CONDITION.
 - 16 CONSTRUCT TYPE B DRIVEWAY APPROACH PER SPPWC STD. PLAN 110-2.



CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
1	1040.00'	540.24'	29°45'47"	276.36'
2	2300.00'	191.73'	4°46'34"	95.92'
3	5000.00'	379.68'	4°21'03"	189.93'
4	1000.00'	686.85'	39°21'13"	357.60'

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
5	175.00'	42.77'	14°00'10"	21.49'
6	175.00'	50.78'	16°37'37"	25.57'
8	3.00'	9.42'	180°00'00"	INFINITY'



65% SUBMITTAL

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		35%PS&E		08/04/15
2		65%PS&E		04/21/16

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JUSTIN GATZA R.C.E. C83496

xx/xx/xx
DATE



REVIEWED BY:

CHARMAINE YAMBAO
ASSOCIATE CIVIL ENGINEER

DATE

APPROVED BY:

RAMIRO ADEVA
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

DATE



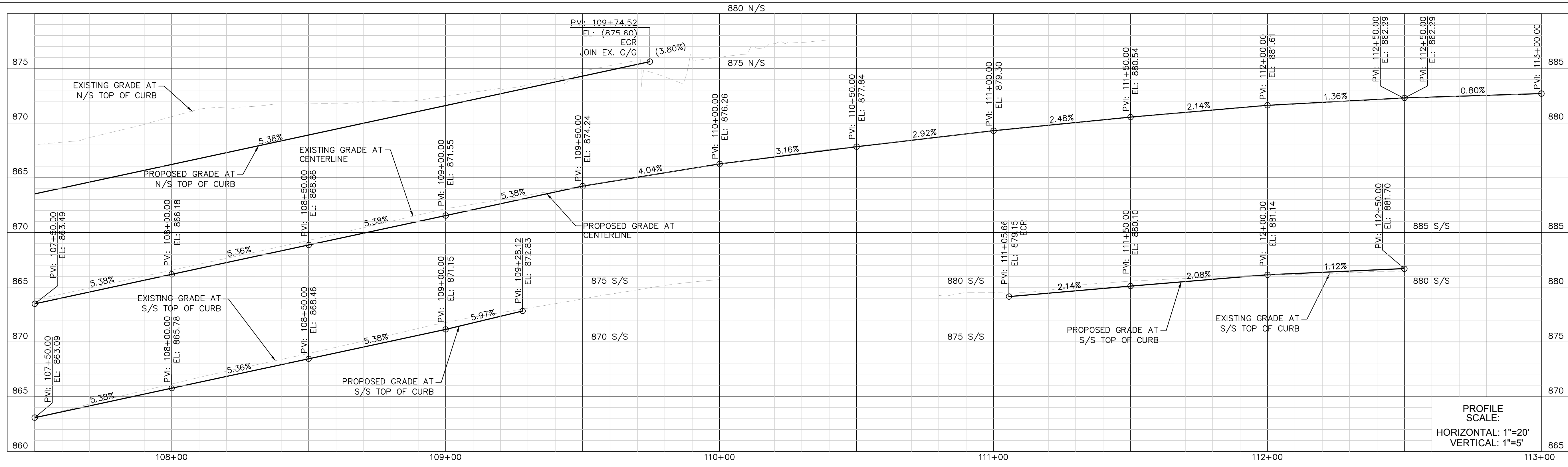
KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

STREET PLANS L-1

DESIGNED BY: JG
DRAWN BY: SV
CHECKED BY: MC

KHA JOB NUMBER: 099083026

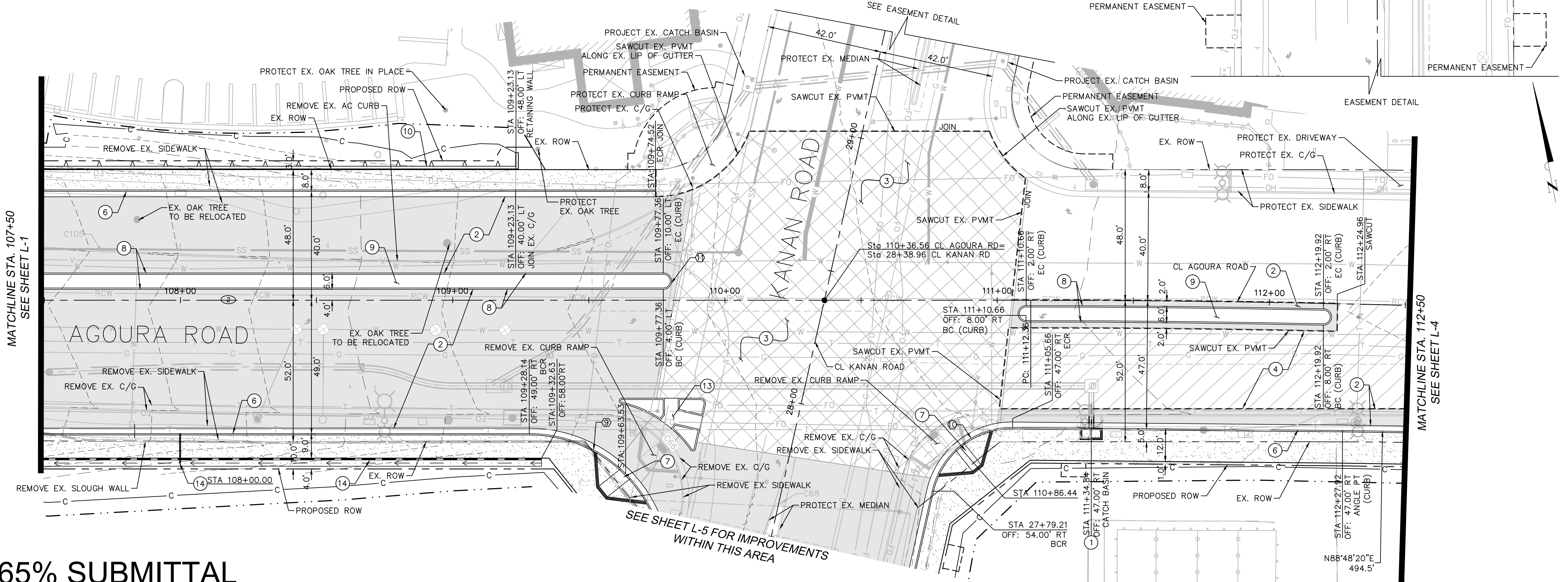
SHEET 5 OF 35



- ### LEGEND
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 - CONSTRUCT ASPHALT CONCRETE PAVEMENT
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 - SLOUGH WALL
 - RETAINING WALL
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 - TEMPORARY EASEMENT
 - PERMANENT EASEMENT

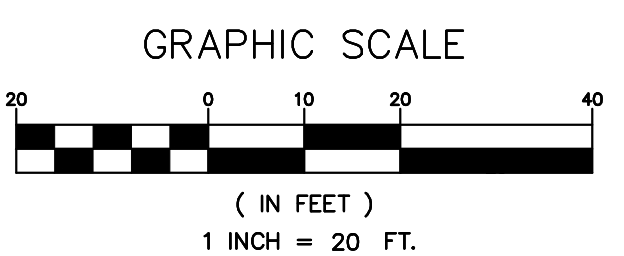
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 - 16 CONSTRUCT TYPE B DRIVEWAY APPROACH PER SPPWC STD. PLAN 110-2.

PROFILE SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=5'



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CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
9	50.00'	90.70'	103°56'05"	63.92'
10	30.00'	40.75'	77°50'01"	24.22'
11	3.00'	9.42'	180°00'00"	INFINITY



65% SUBMITTAL

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		35%PS&E		08/04/15
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JUSTIN GATZA R.C.E. C83496

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ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA DATE

DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

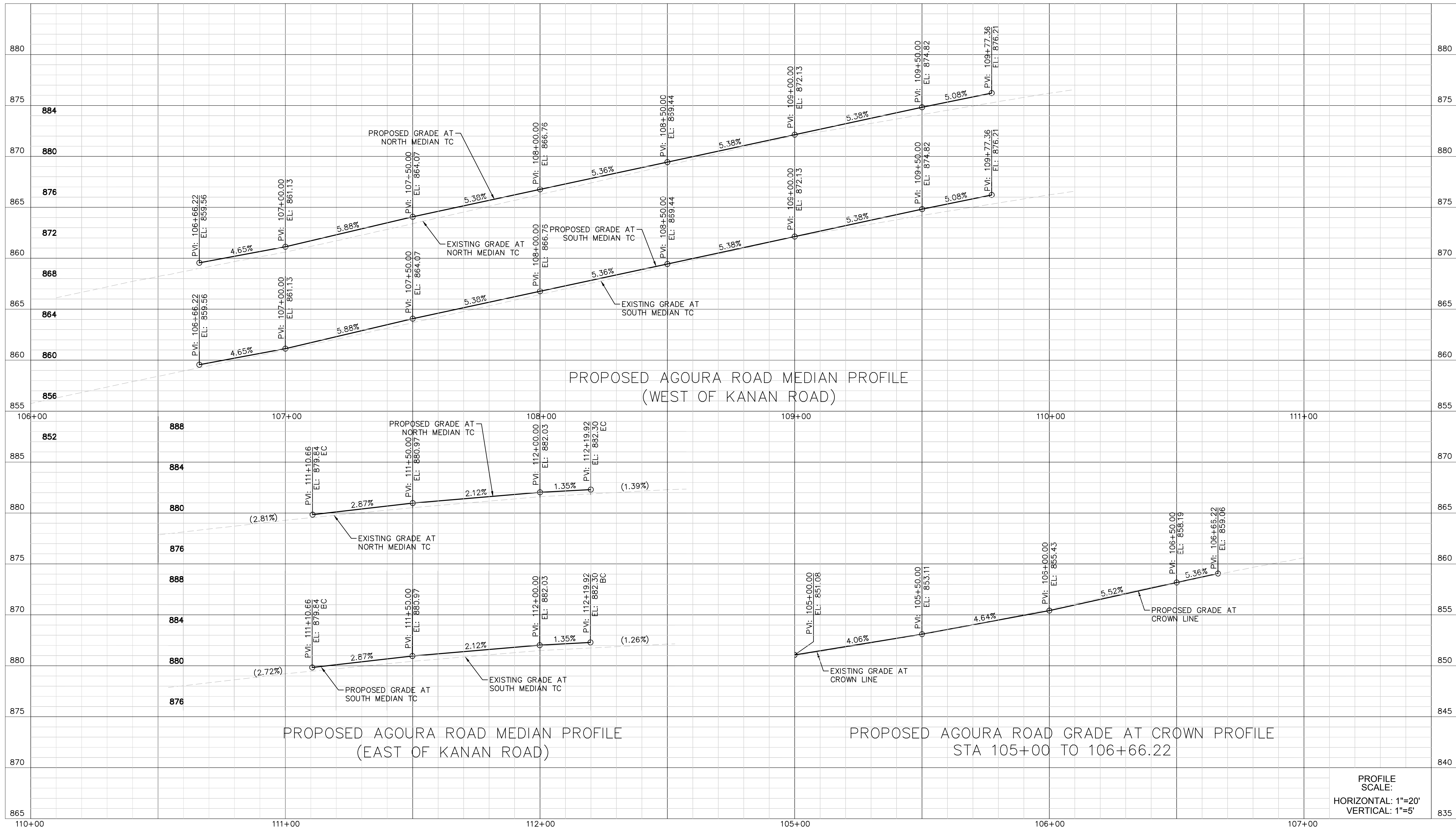


KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

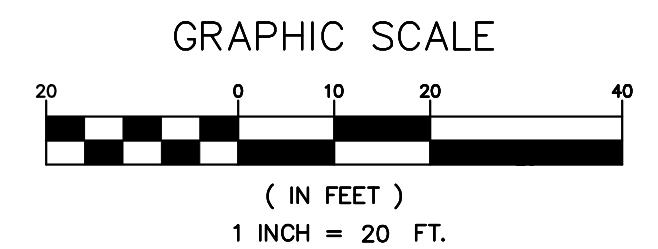
STREET PLANS L-2

DESIGNED BY: JG DRAWN BY: SV CHECKED BY: MC KHA JOB NUMBER: 099083026

SHEET 6 OF 35



PROFILE SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=5'



65% SUBMITTAL

1		35%PS&E		08/04/15
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REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

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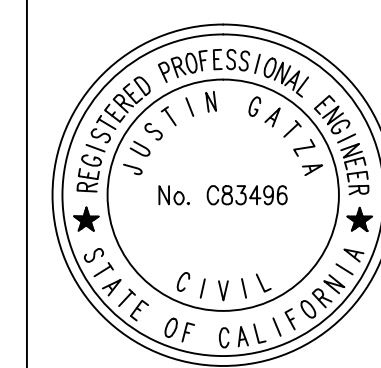
xx/xx/xx
DATE

REVIEWED BY:

CHARMAINE YAMBABO DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

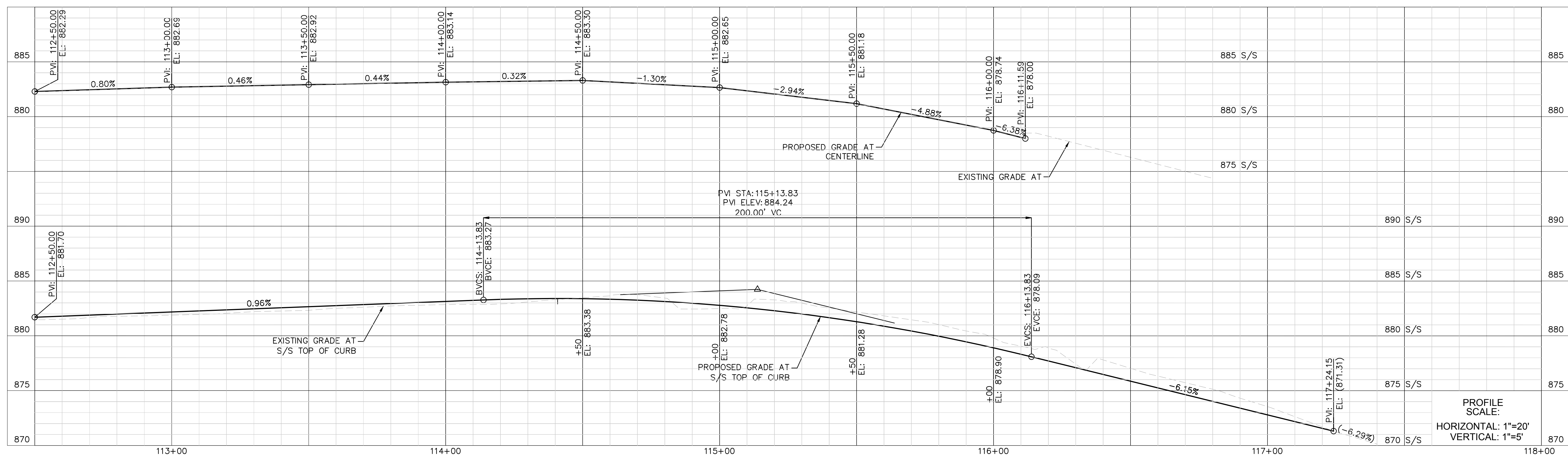


KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

STREET PROFILES L-3

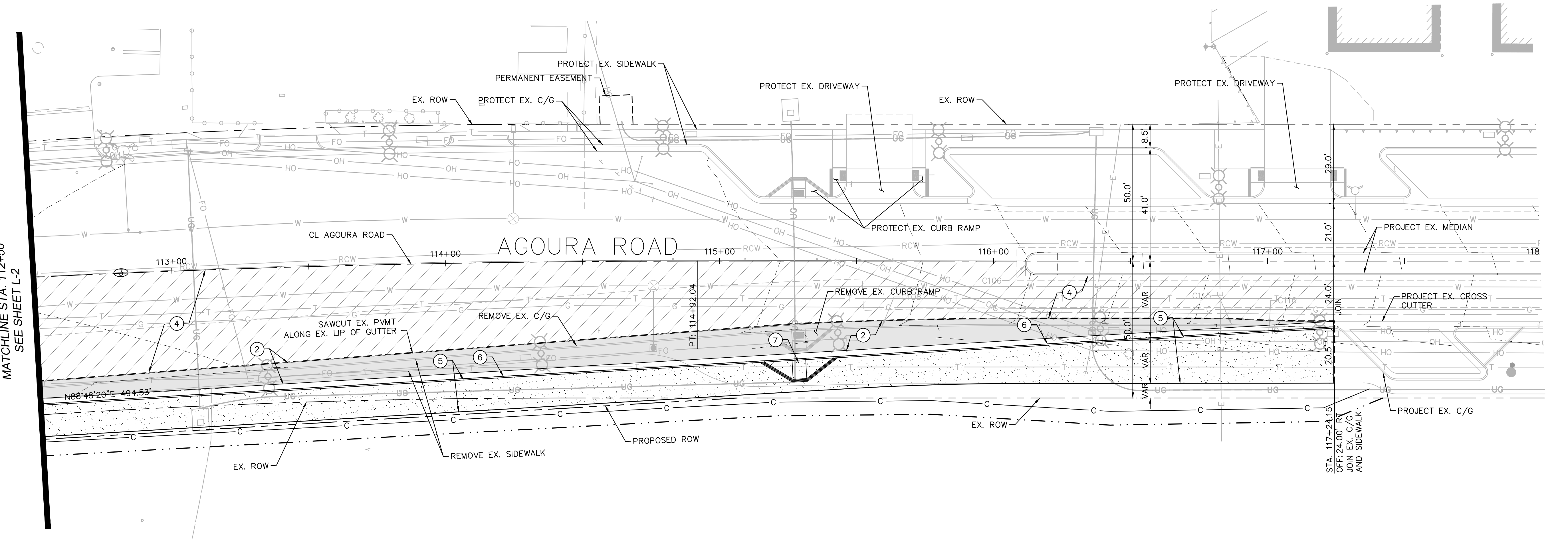
DESIGNED BY: JG DRAWN BY: SV CHECKED BY: MC KHA JOB NUMBER: 099083026

SHEET 7 OF 35

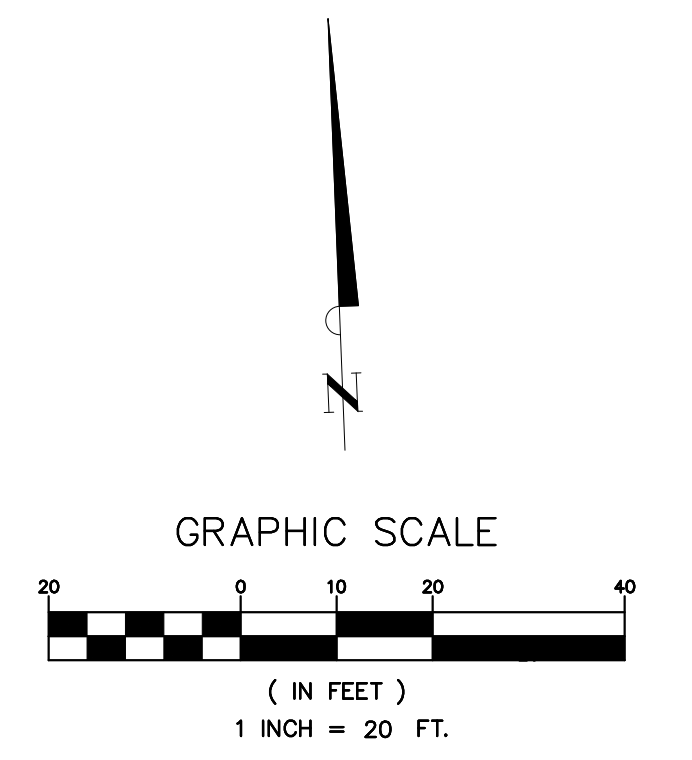


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65% SUBMITTAL

1		35%PS&E		08/04/15
2		65%PS&E		04/21/16
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

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JUSTIN GATZA R.C.E. C83496

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CHARMAINE YAMBAO DATE

ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA DATE

DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

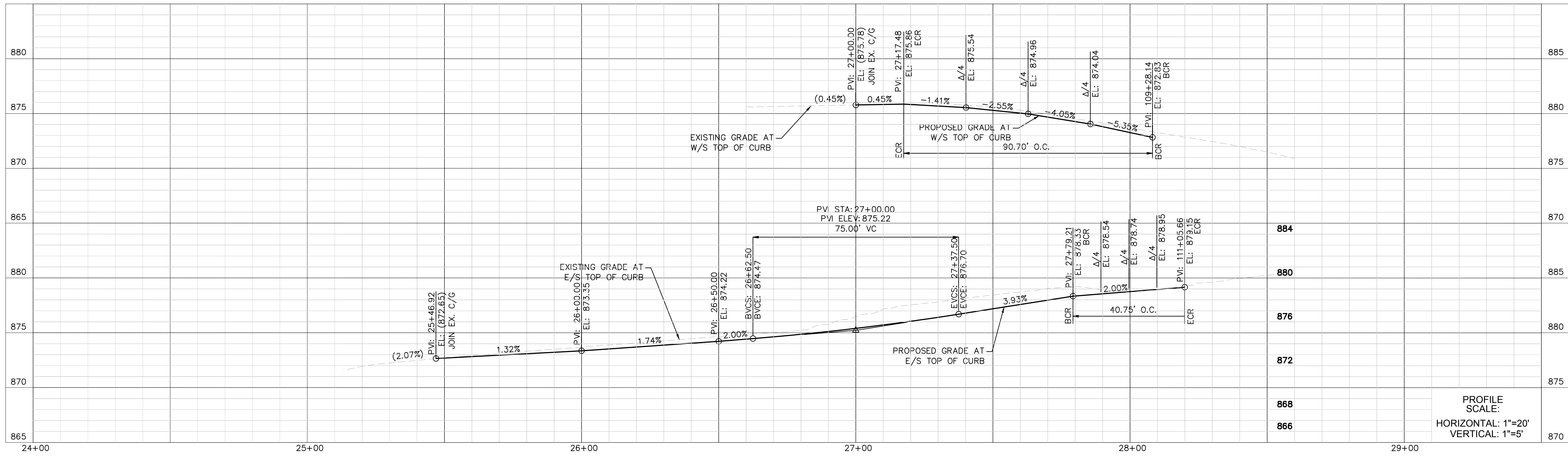


KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

STREET PLANS L-4

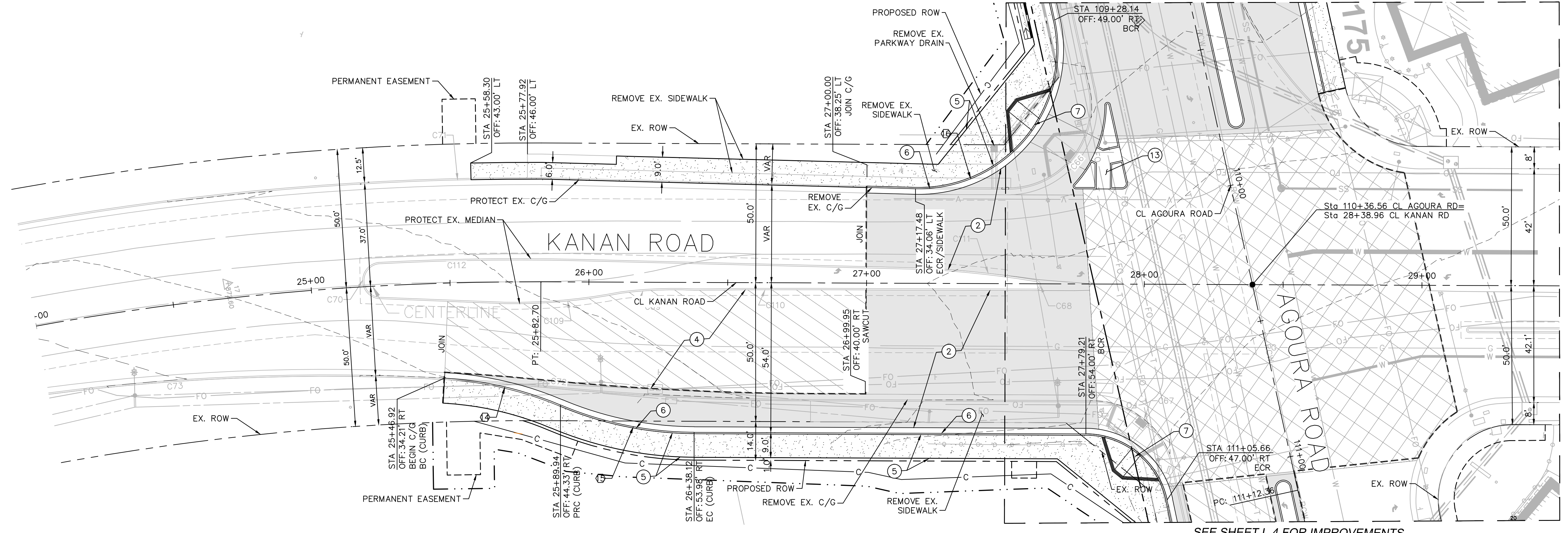
DESIGNED BY: JG DRAWN BY: SV CHECKED BY: MC KHA JOB NUMBER: 099083026

SHEET 8 OF 35



- ### LEGEND
- COLD MILL EXISTING ASPHALT AND CONSTRUCT ASPHALT OVERLAY
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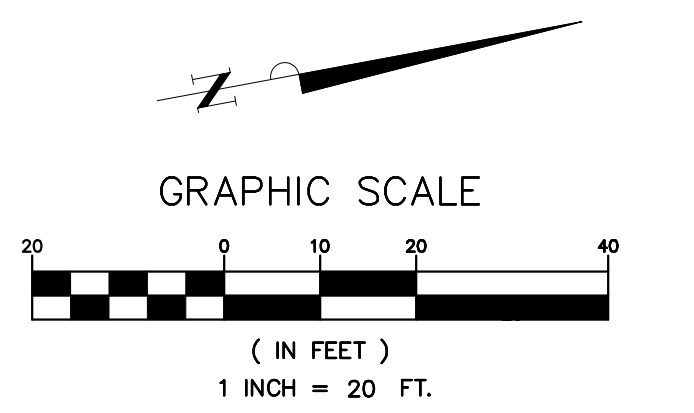


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CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
14	125.00'	43.06'	19°44'20"	21.75'
15	125.00'	49.46'	22°40'16"	25.06'
16	50.00'	90.70'	103°56'05"	63.92'



65% SUBMITTAL

1		35%PS&E		08/04/15
2		65%PS&E		04/21/16
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

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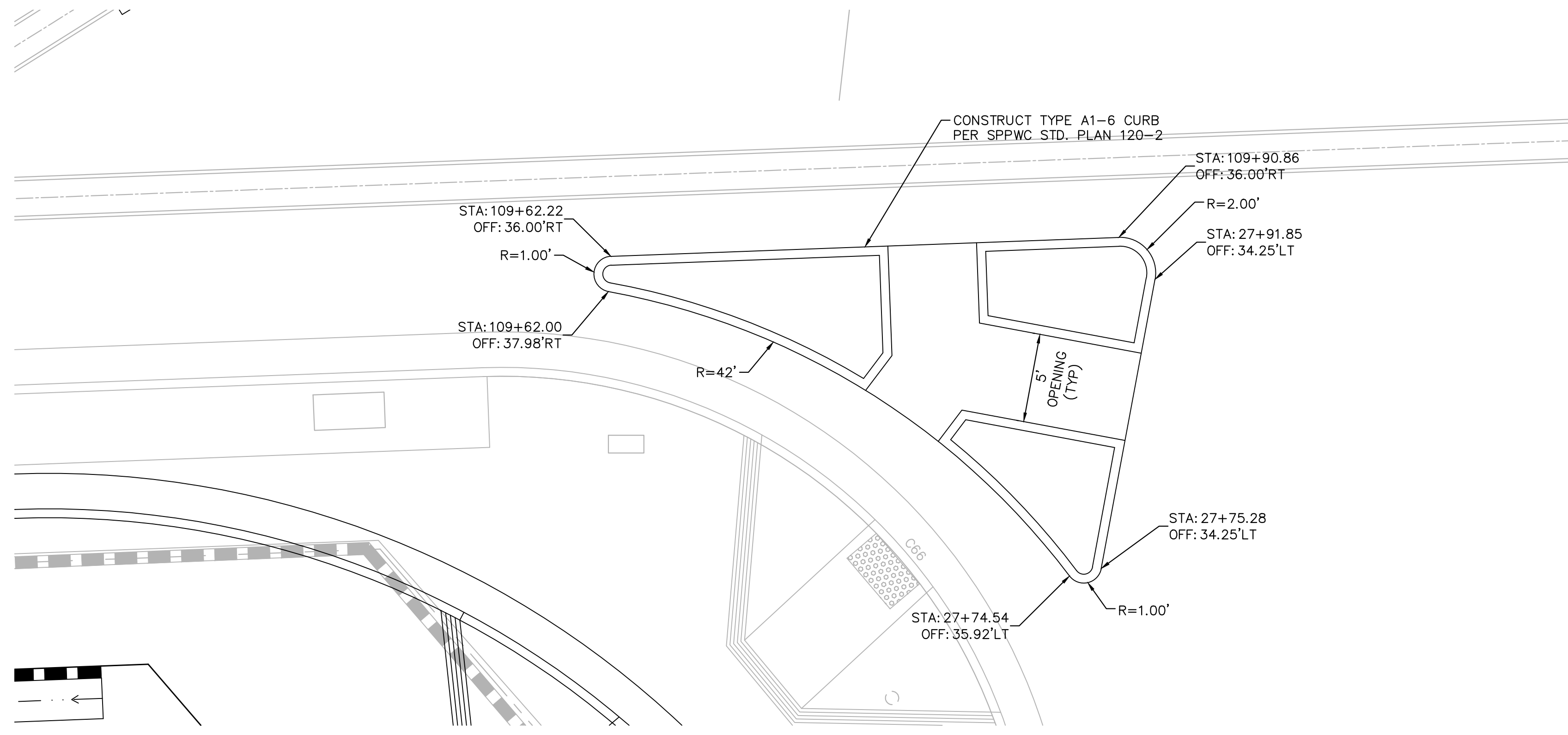


KANAN ROAD/AGOURA ROAD ULTIMATE INTERSECTION IMPROVEMENTS

STREET PLANS L-5

DESIGNED BY: JG DRAWN BY: SV CHECKED BY: MC KHA JOB NUMBER: 099083026

SHEET 9 OF 35



① ISLAND PASSAGEWAY DETAIL
SCALE: 1"=5'

65% SUBMITTAL

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
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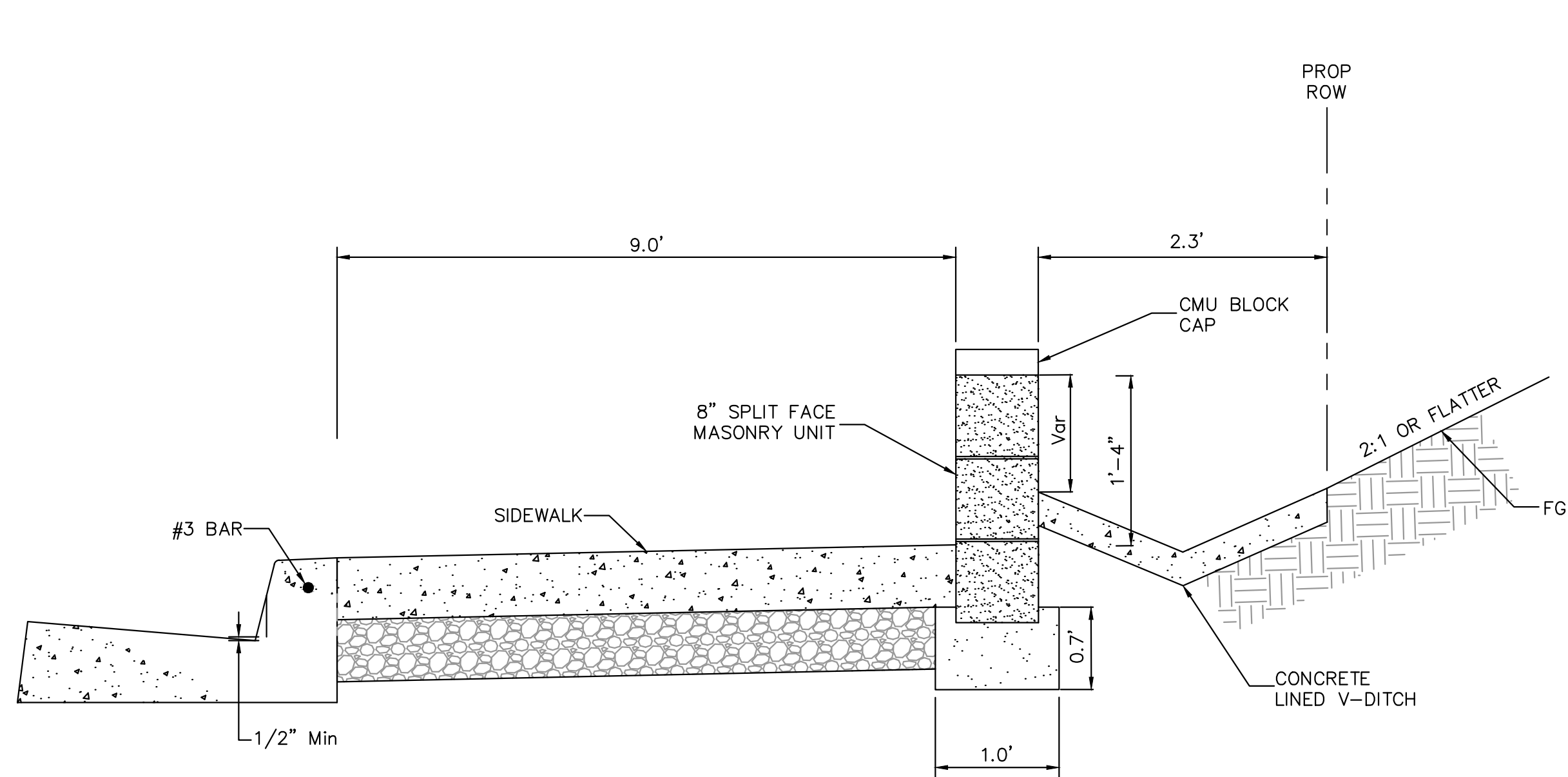


KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

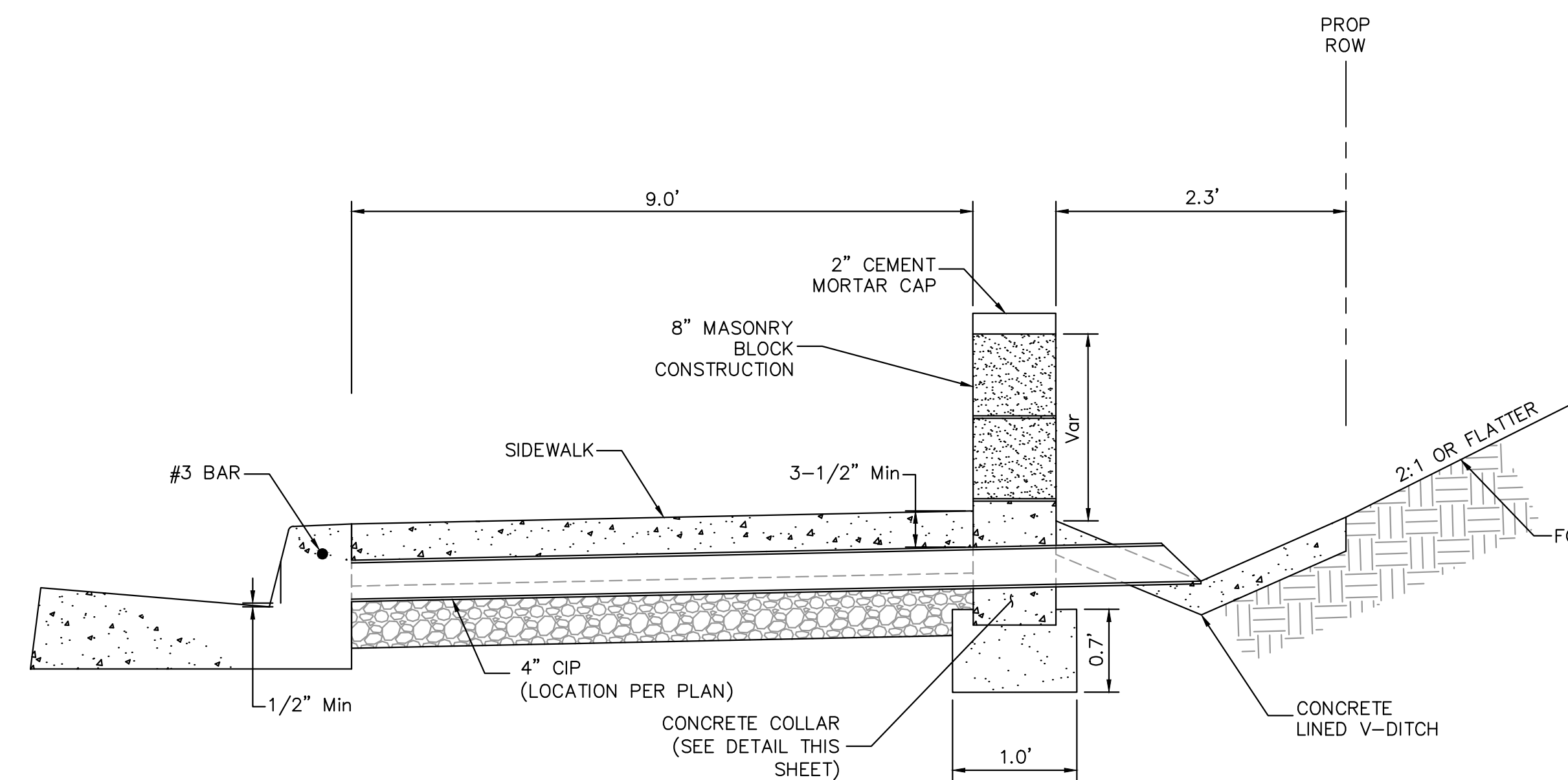
CONSTRUCTION DETAILS CD-1

DESIGNED BY: JG	DRAWN BY: SV	CHECKED BY: MC	KHA JOB NUMBER 099083026
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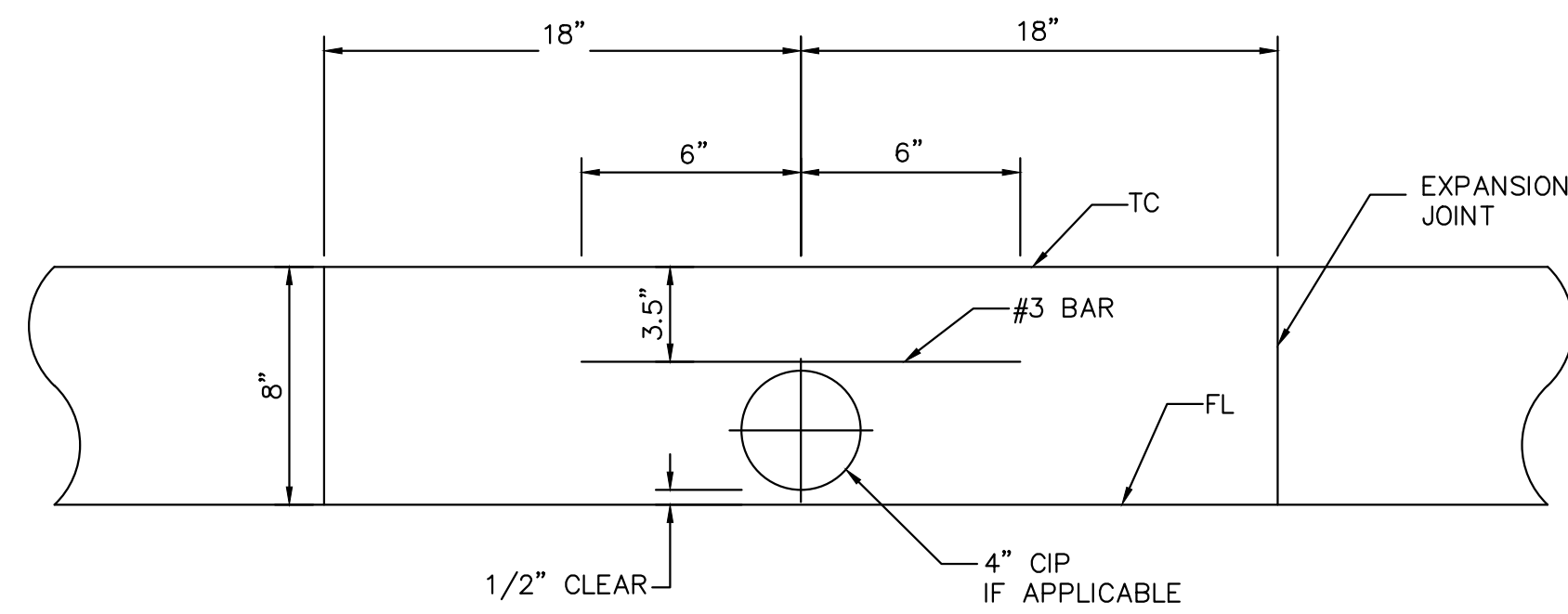
SHEET 11 OF 35



SLOUGH WALL AT BACK OF SIDEWALK

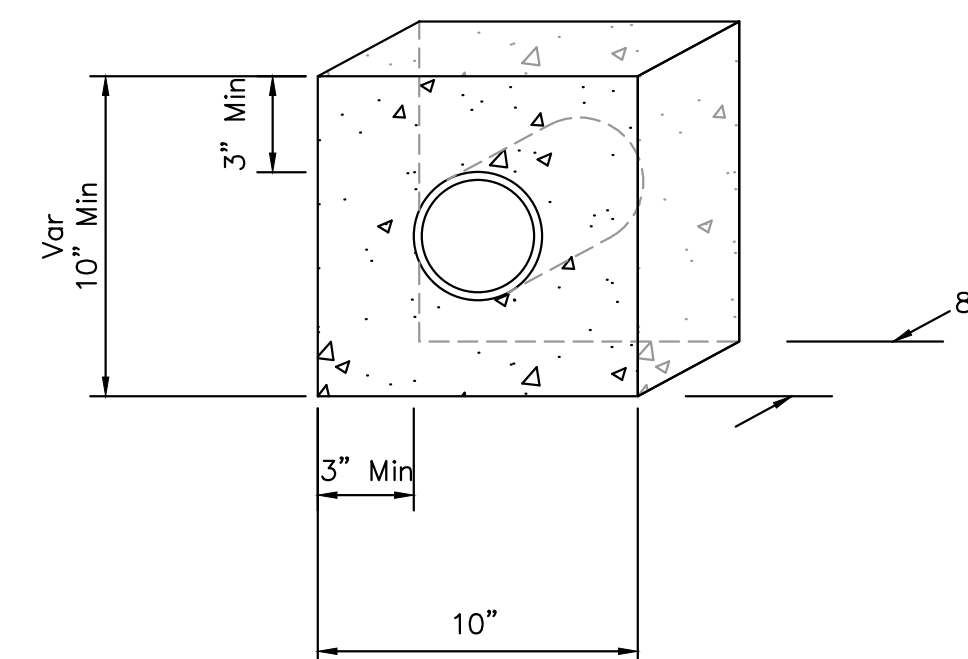


SLOUGH WALL AT BACK OF SIDEWALK WITH CURB DRAIN



NOTE: APPLIES TO ANY NUMBER OF PIPES. SPACE ADDITIONAL PIPES 6" C-C.

CURB PROFILE



NOTE: APPLIES TO ANY NUMBER OF PIPES. SPACE ADDITIONAL PIPES 6" C-C.

CONCRETE COLLAR DETAIL

1 SLOUGH WALL NTS



65% SUBMITTAL

1		35%PS&E		08/04/15
2		65%PS&E		04/21/16
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

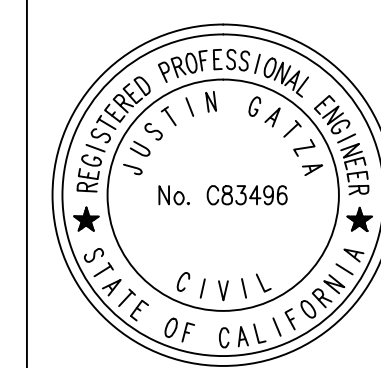
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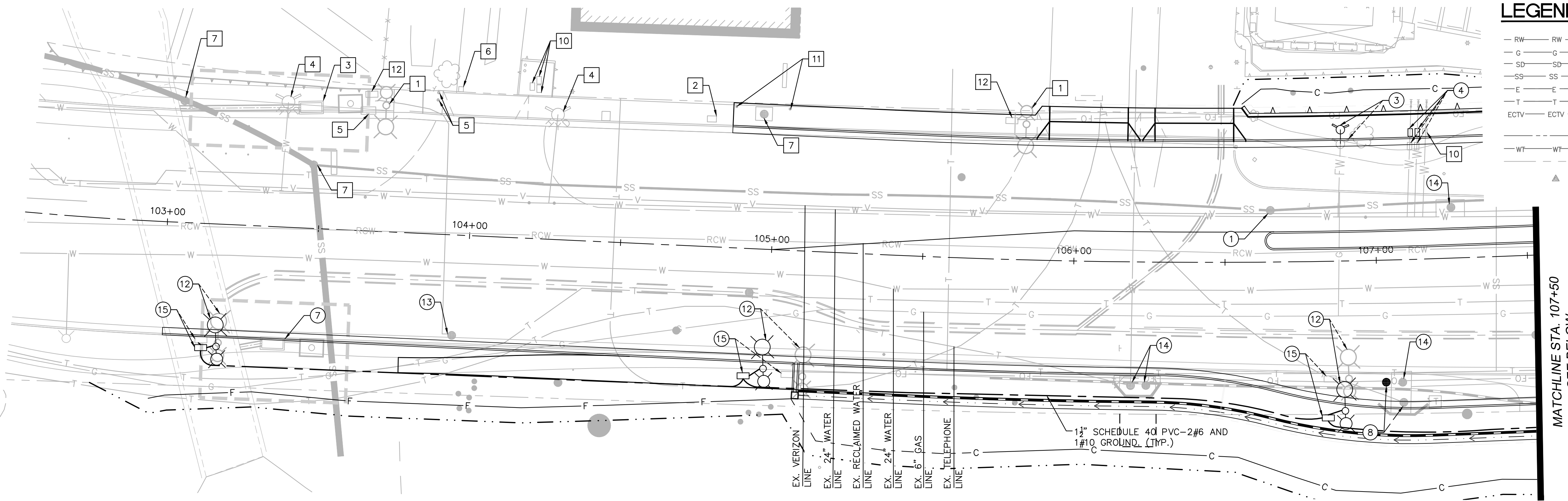
RAMIRO ADEVA DATE
 DIRECTOR OF PUBLIC WORKS/CITY ENGINEER



KANAN ROAD/AGOURA ROAD
 ULTIMATE INTERSECTION IMPROVEMENTS
 CONSTRUCTION DETAILS CD-2

DESIGNED BY: JG	DRAWN BY: SV	CHECKED BY: MC	KHA JOB NUMBER 099083026
--------------------	-----------------	-------------------	-----------------------------

SHEET 12 OF 35



LEGEND

- RW — RW — RW — EX. RECLAIMED WATER LINE
- G — G — G — EX. GAS LINE
- SD — SD — SD — EX. STORM DRAIN
- SS — SS — SS — EX. SANITARY SEWER LINE
- E — E — E — EX. ELECTRICAL CONDUIT
- T — T — T — EX. TELECOMMUNICATIONS LINE
- ECTV — ECTV — ECTV — EX. CAT 5 TELECOMMUNICATIONS LINE
- WT — WT — WT — EX. WATER LINE
- — — — EX. RIGHT OF WAY
- ▲ — — — — EXISTING THRUST BLOCK
- OHE — — — — PROPOSED OVERHEAD ELECTRIC LINE
- FW — — — — PROPOSED FIRE WATER LINE
- — — — PROPOSED RIGHT OF WAY
- UG — — — — PROPOSED UNDERGROUND LINES
- — — — — PROPOSED VAULT/UTILITY BOX
- RCW — — — — PROPOSED RECLAIMED WATER LINE PER LVMWD PLANS. COORDINATE WITH LVMWD.

NOTES

PROTECT-IN-PLACE

- 1 EX. STREET LIGHT AND POLE
- 2 EX. UTILITY BOX
- 3 EX. STORM DRAIN CATCH BASIN
- 4 EX. FIRE HYDRANT
- 5 EX. UTILITY VALVE
- 6 EX. STORM DRAIN
- 7 EX. MANHOLE
- 8 EX. TRAFFIC SIGNAL AND POLE
- 9 EX. POWER POLE
- 10 EX. WATER METER
- 11 EX. VENT
- 12 EX. PULL BOX

CONSTRUCTION/RELOCATION

SANITARY SEWER

- 1 ADJUST EX. SEWER MANHOLE TO GRADE

WATER

- 2 ADJUST EX. VALVE TO GRADE/AIR VAC.
- 3 RELOCATE EX. FIRE HYDRANT
- 4 RELOCATE EX. WATER METER ASSEMBLY.
- 5 RELOCATE EX. AIR VAC/BLOW OFF ASSEMBLY

STORM DRAIN

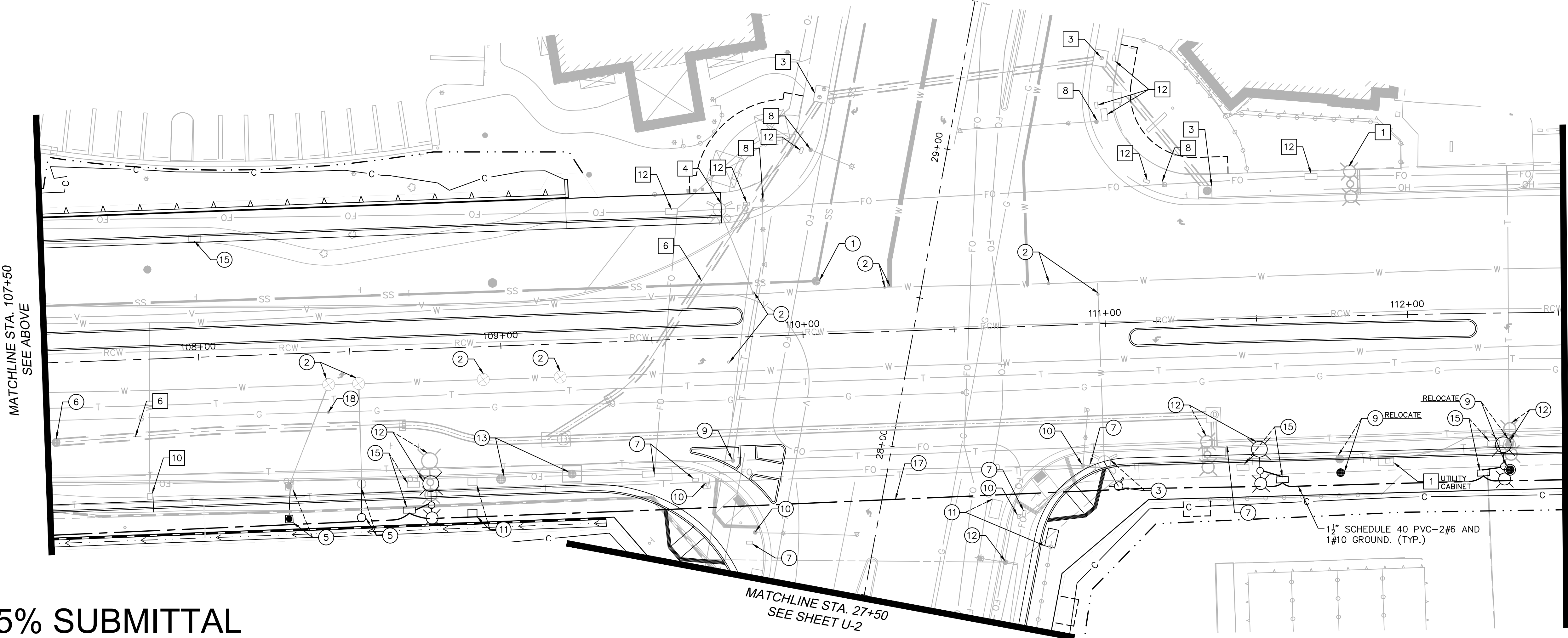
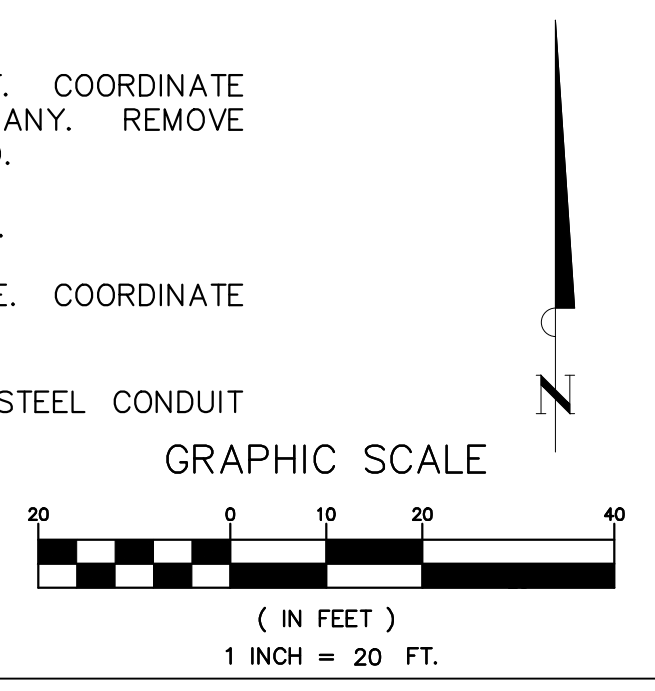
- 6 ADJUST EX. STORM DRAIN MANHOLE TO GRADE.
- 7 REMOVE CATCH BASIN/INLET PER STORM DRAIN PLANS.

ELECTRICAL/TELEPHONE/CABLE

- 8 RELOCATE EX. TELEPHONE VAULT AND UNDERGROUND CONDUIT. COORDINATE WORK WITH TELEPHONE COMPANY. REMOVE BOLLARDS OR WALLS AS REQUIRED.
- 9 ADJUST EX. TELEPHONE MANHOLE TO GRADE.
- 10 RELOCATE TRAFFIC SIGNAL SEE TRAFFIC SIGNAL PLANS.
- 11 RELOCATE EX. UTILITY BOX.
- 12 RELOCATE DECORATIVE STREET LIGHT ON NEW FOUNDATION.
- 13 ADJUST EX. ELECTRIC MANHOLE OR VAULT TO GRADE.
- 14 ADJUST EX. TELEPHONE VAULT. COORDINATE WORK WITH TELEPHONE COMPANY. REMOVE BOLLARDS OR WALLS AS REQUIRED.
- 15 RELOCATE #5 PULL BOX (25"X15").
- 16 RELOCATE EX. SCE POWER LINE. COORDINATE WORK WITH SCE.
- 17 FURNISH AND INSTALL 2" RIGID STEEL CONDUIT -2#6 AND 1#10 GROUND.

GAS

- 18 ADJUST EX. VALVE TO GRADE.



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1		35%PS&E	08/04/15
2		65%PS&E	04/21/16
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE DATE

PREPARED BY:

Kimley»Horn

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JUSTIN GATZA R.C.E. C83496

REVIEWED BY:

CHARMAINE YAMBAO DATE

ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA DATE

DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

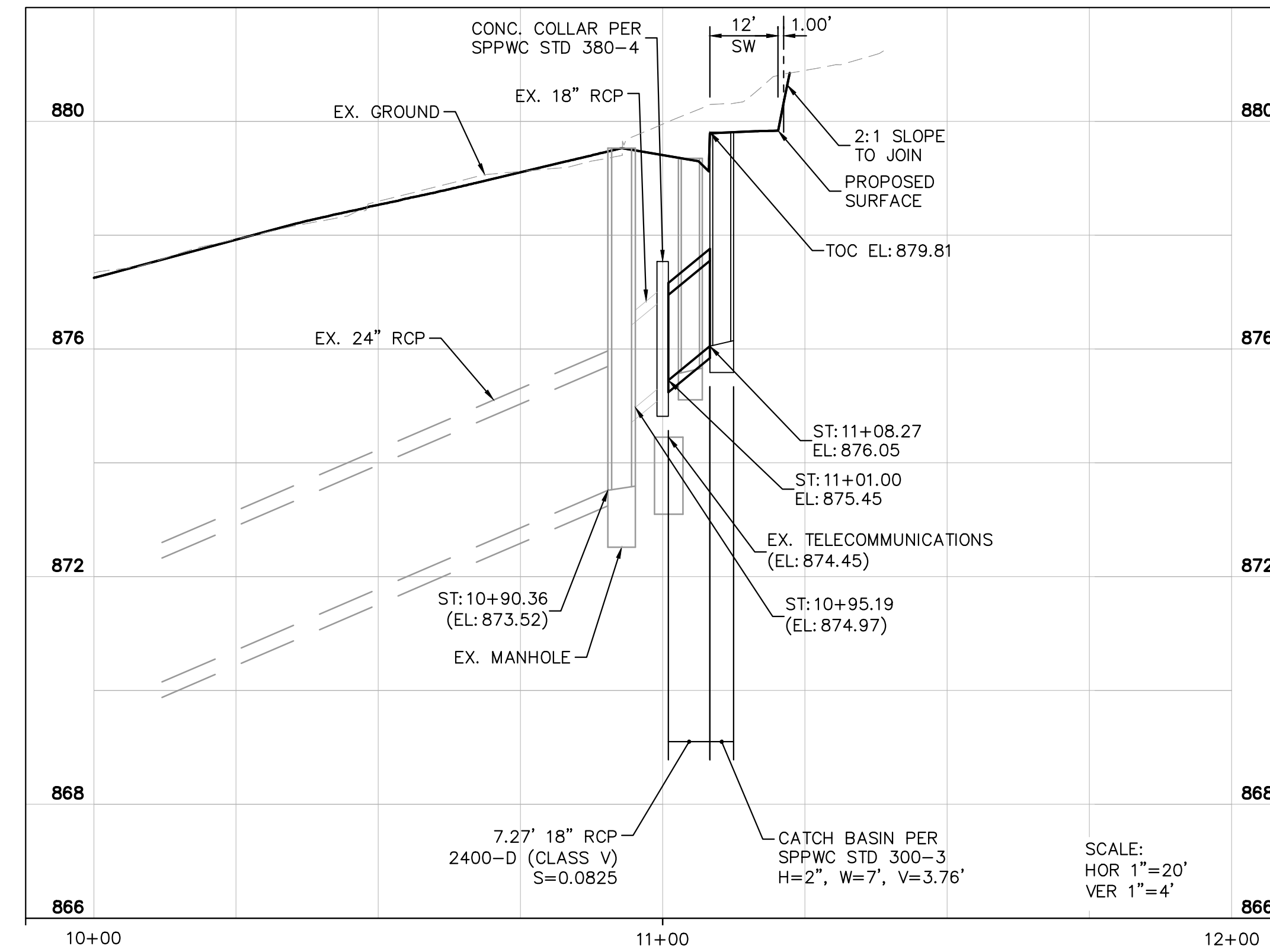
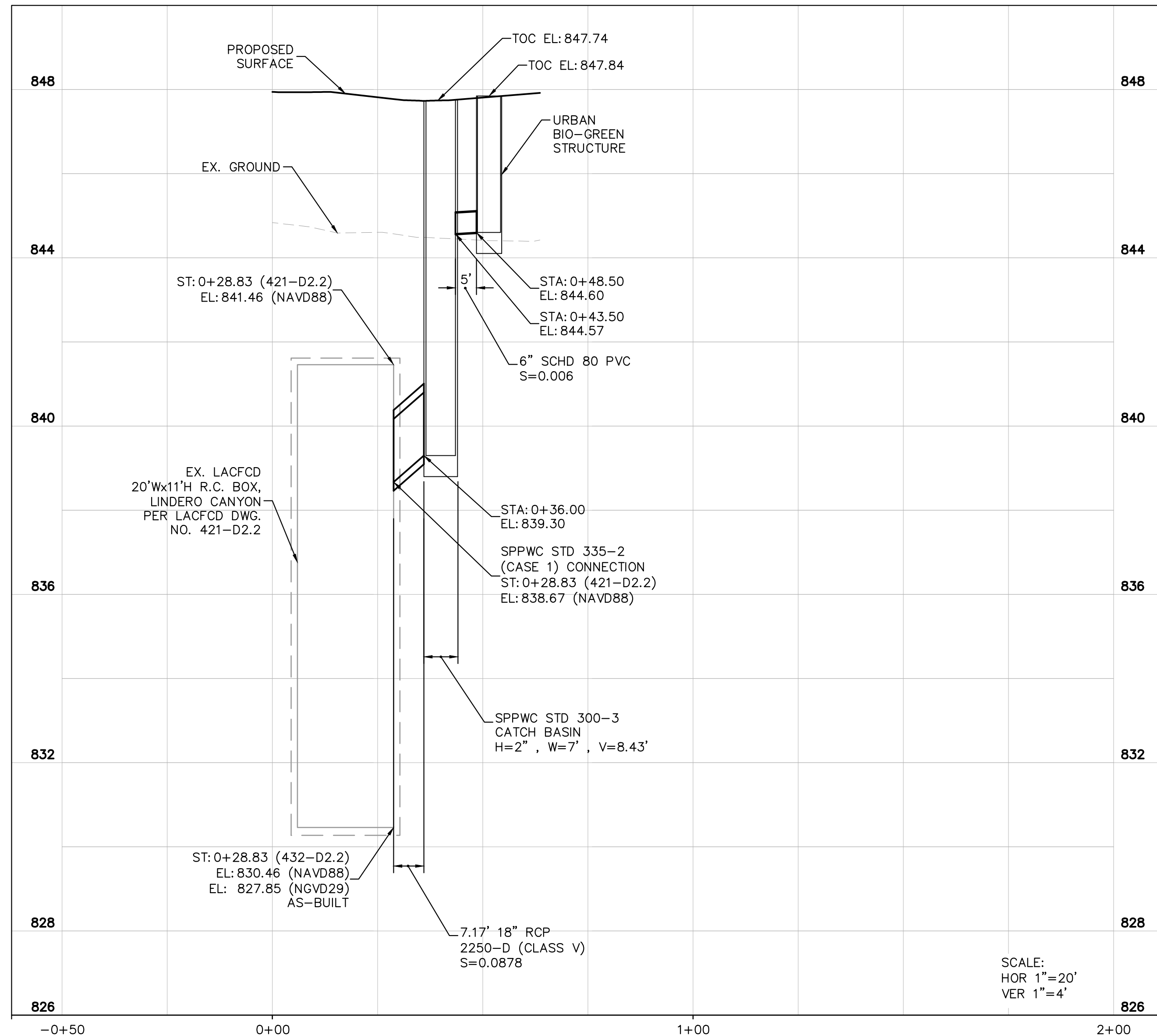


KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

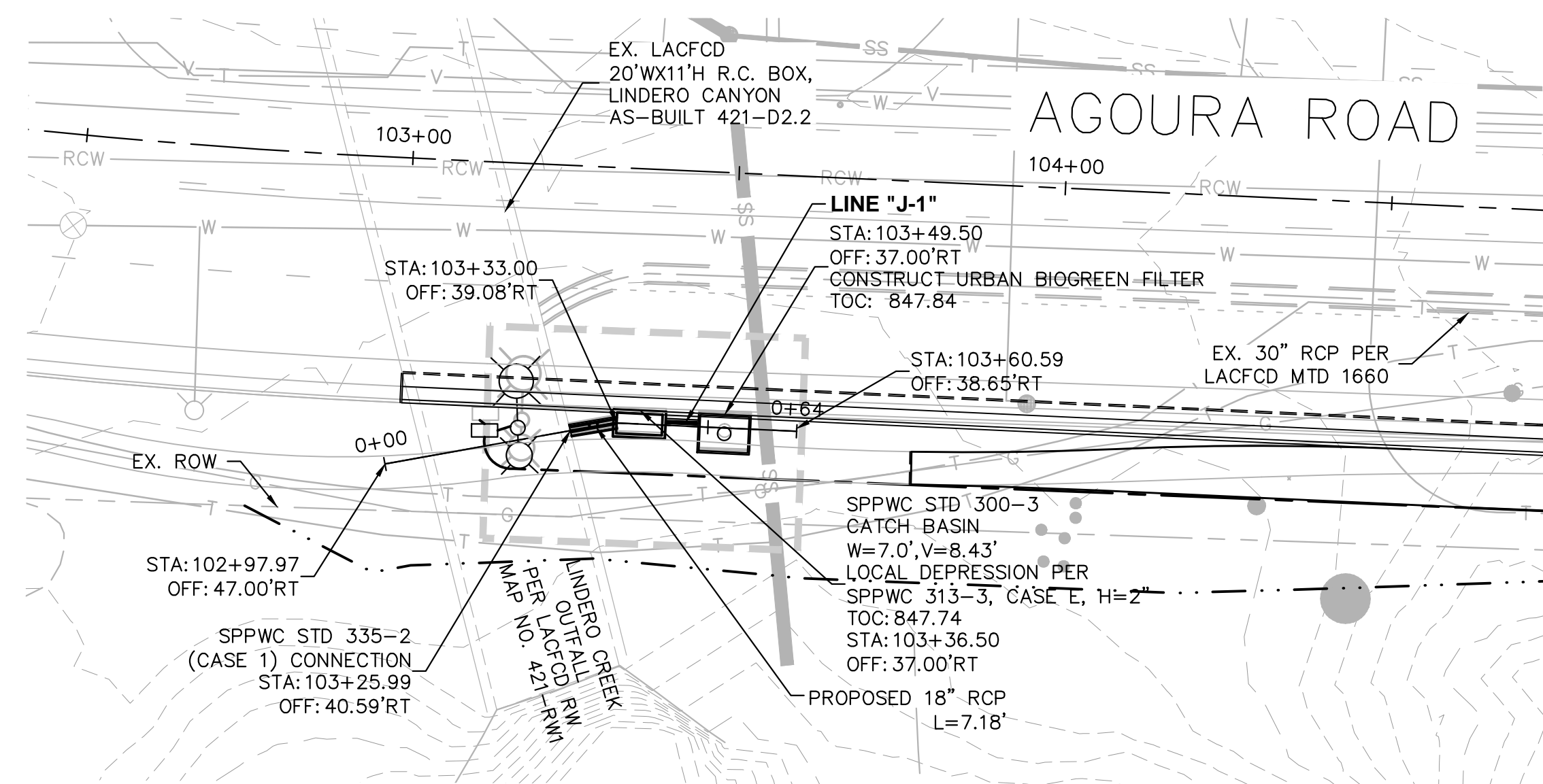
UTILITY PLANS U-1

DESIGNED BY: JG DRAWN BY: SV CHECKED BY: MC KHA JOB NUMBER: 099083026

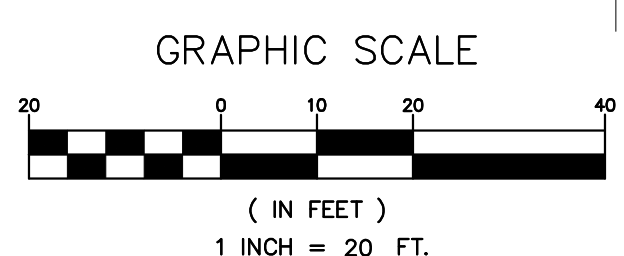
SHEET 13 OF 35



- NOTES**
1. ALL CATCH BASIN STATION AND OFFSET LOCATIONS ARE BASED ON THE CENTER OF THE CB AT THE FACE OF CURB.
 2. ALL STATION AND OFFSETS SHOWN IN PLAN ARE BASED ON AGOURA ROAD ALIGNMENT



LINE "K-1"
TO BE MAINTAINED BY
LACFCD



65% SUBMITTAL

LINE "J-1"
TO BE MAINTAINED BY
CITY OF AGOURA HILLS

1		35%PS&E		08/04/15
2		65%PS&E		04/21/16
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

PREPARED BY:

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APPROVED BY:

RAMIRO ADEVA DATE

DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF

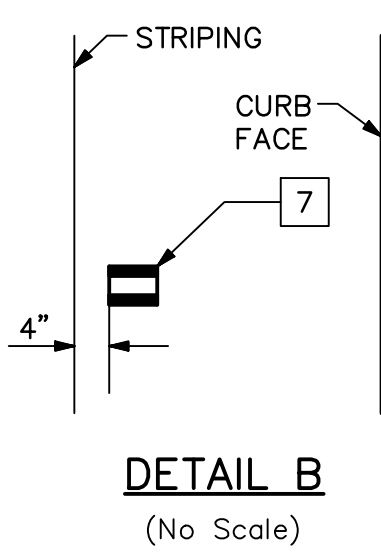
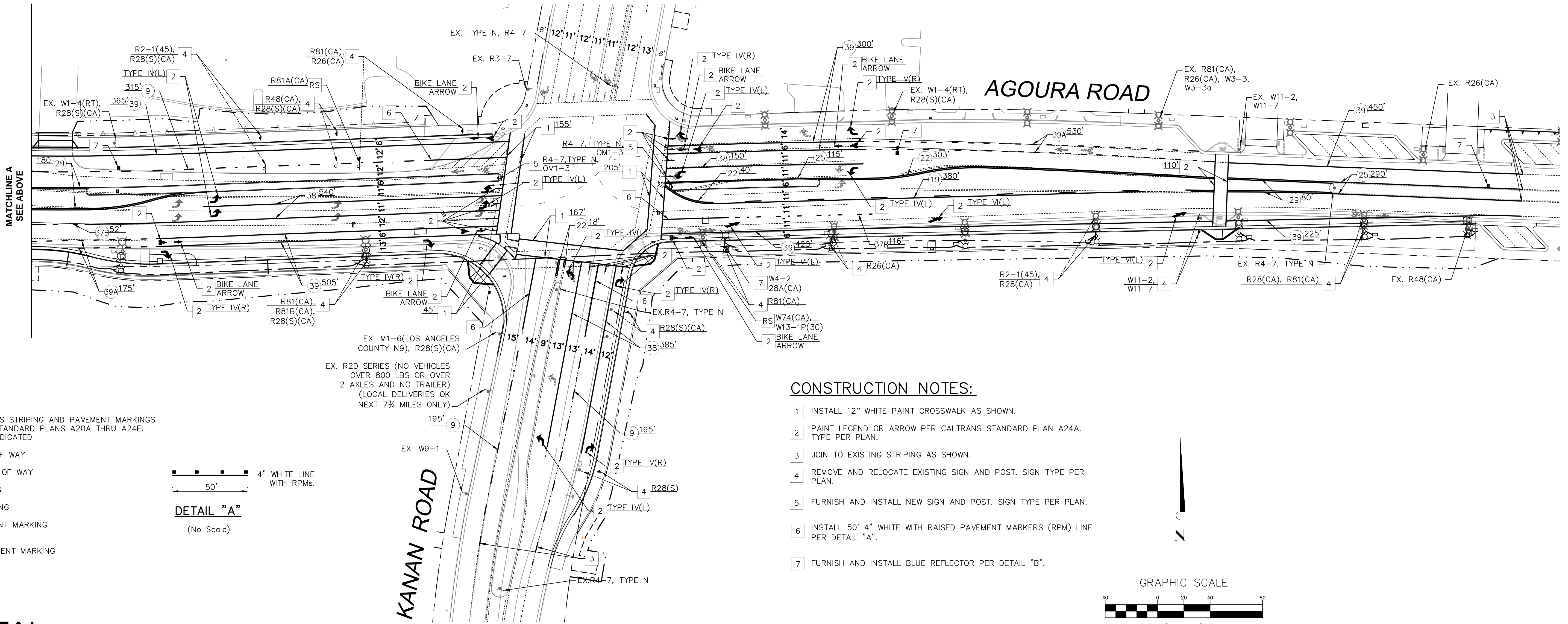
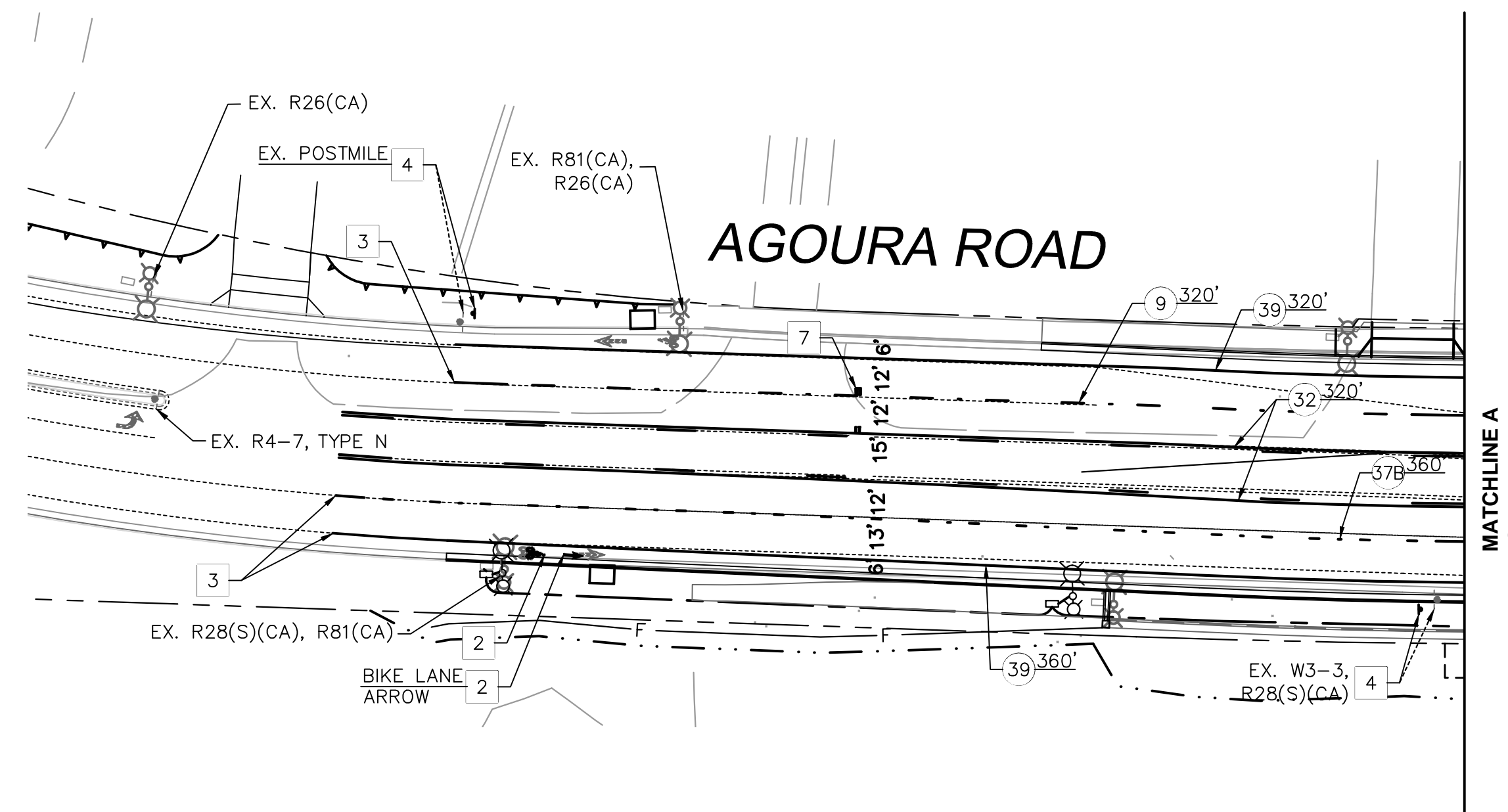
AGOURA HILLS

KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

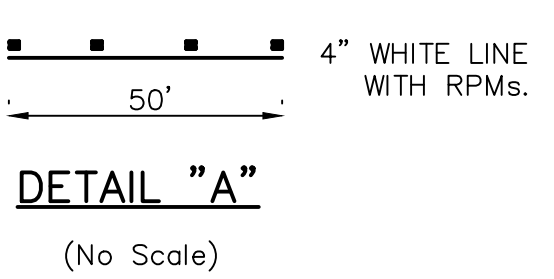
STORM DRAIN PLANS SD-1

DESIGNED BY: JG DRAWN BY: SV CHECKED BY: MC KHA JOB NUMBER: 099083026

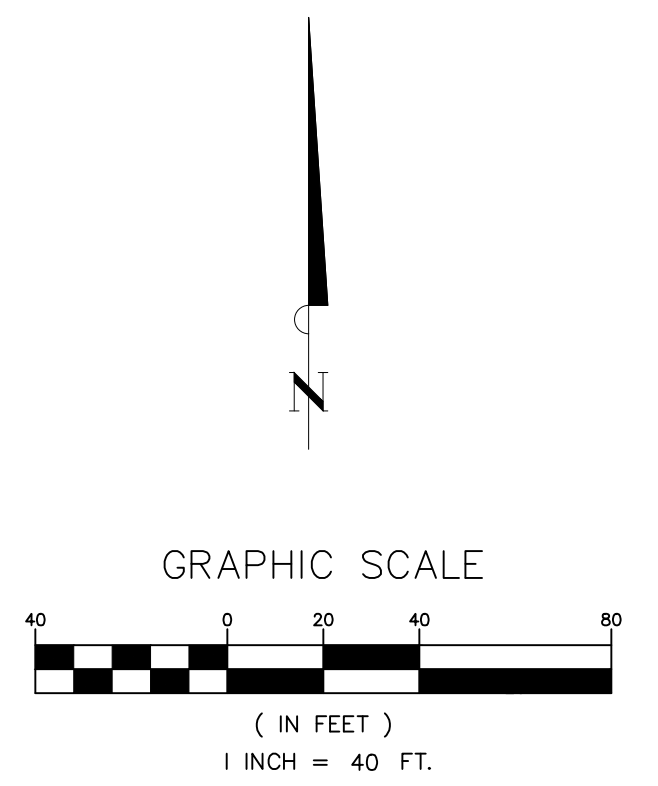
SHEET 15 OF 35



- LEGEND**
- (XX) INSTALL CALTRANS STRIPING AND PAVEMENT MARKINGS PER CALTRANS STANDARD PLANS A20A THRU A24E. DETAIL NO. AS INDICATED
 - EXISTING RIGHT OF WAY
 - - - - PROPOSED RIGHT OF WAY
 - EXISTING STRIPING
 - ==== PROPOSED STRIPING
 - ↶ EXISTING PAVEMENT MARKING
 - ↷ PROPOSED PAVEMENT MARKING



- CONSTRUCTION NOTES:**
- 1 INSTALL 12" WHITE PAINT CROSSWALK AS SHOWN.
 - 2 PAINT LEGEND OR ARROW PER CALTRANS STANDARD PLAN A24A. TYPE PER PLAN.
 - 3 JOIN TO EXISTING STRIPING AS SHOWN.
 - 4 REMOVE AND RELOCATE EXISTING SIGN AND POST. SIGN TYPE PER PLAN.
 - 5 FURNISH AND INSTALL NEW SIGN AND POST. SIGN TYPE PER PLAN.
 - 6 INSTALL 50' 4" WHITE WITH RAISED PAVEMENT MARKERS (RPM) LINE PER DETAIL "A".
 - 7 FURNISH AND INSTALL BLUE REFLECTOR PER DETAIL "B".



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REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		35%PS&E		8/4/15

PREPARED BY:

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SRIKANTH CHAKRAVARTHY R.C.E. C73629 xxx/xxx/xx DATE

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APPROVED BY:

RAMIRO ADEVA 8/4/15
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

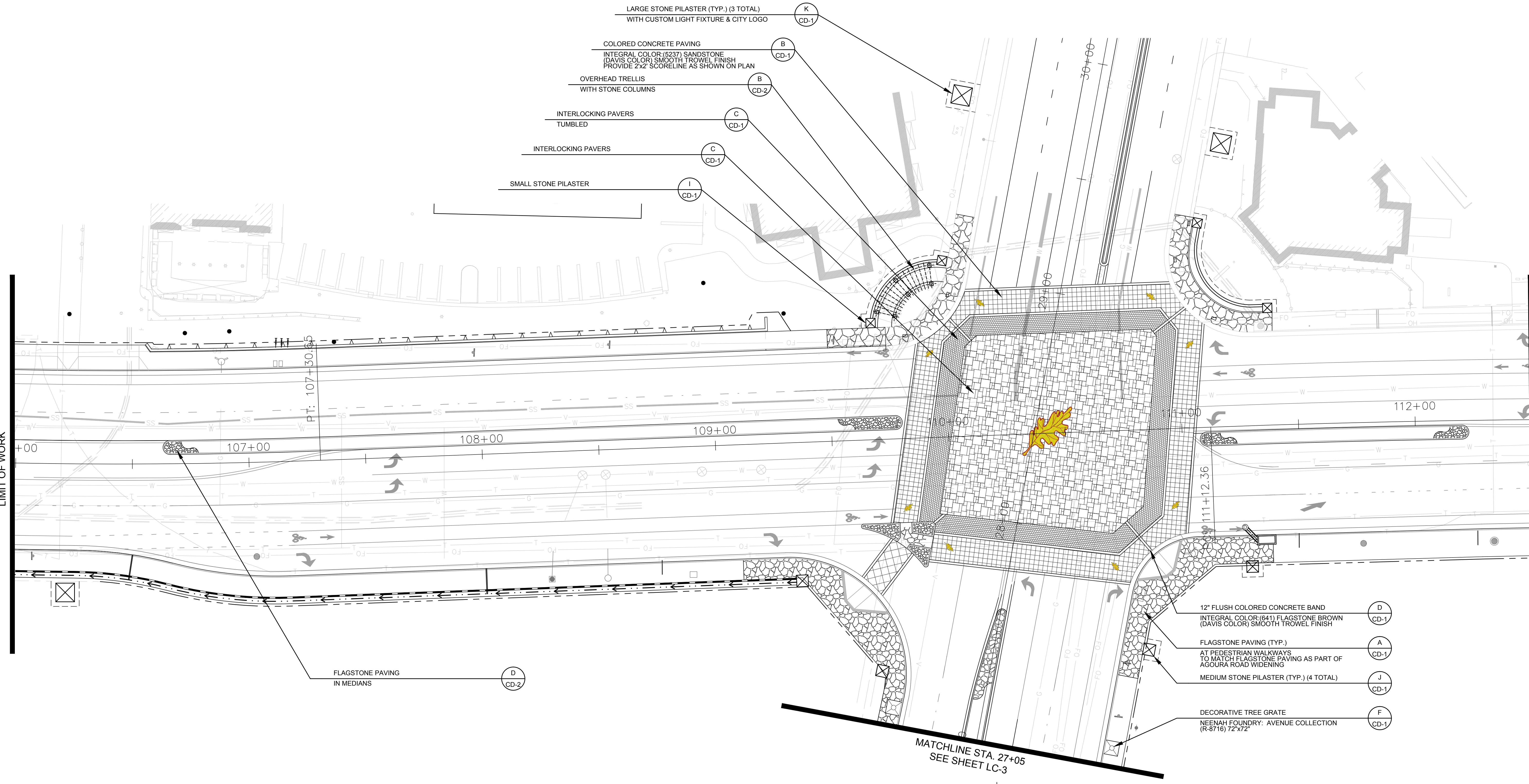
TRAFFIC STRIPING PLAN SS-1

DESIGNED BY: JG DRAWN BY: SV CHECKED BY: VC KHA JOB NUMBER: 099083026

SHEET 16 OF 35

LIMIT OF WORK

MATCHLINE STA. 112+50
SEE SHEET LC-2



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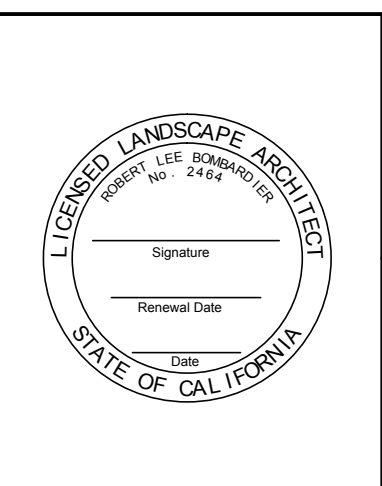
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ROBERT BOMBARDIER RLA 2464



REVIEWED BY:

CHARMAINE YAMBABO 8/4/15
 ASSOCIATE CIVIL ENGINEER DATE

APPROVED BY:

RAMIRO ADEVA 8/4/15
 DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



PREPARED BY:

L. Newman Design Group, Inc.

- Landscape Architecture
- Planning
- Horticulture
- Biological Restoration

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 Phone: (818) 991-5056 ■ Fax: (818) 991-3478
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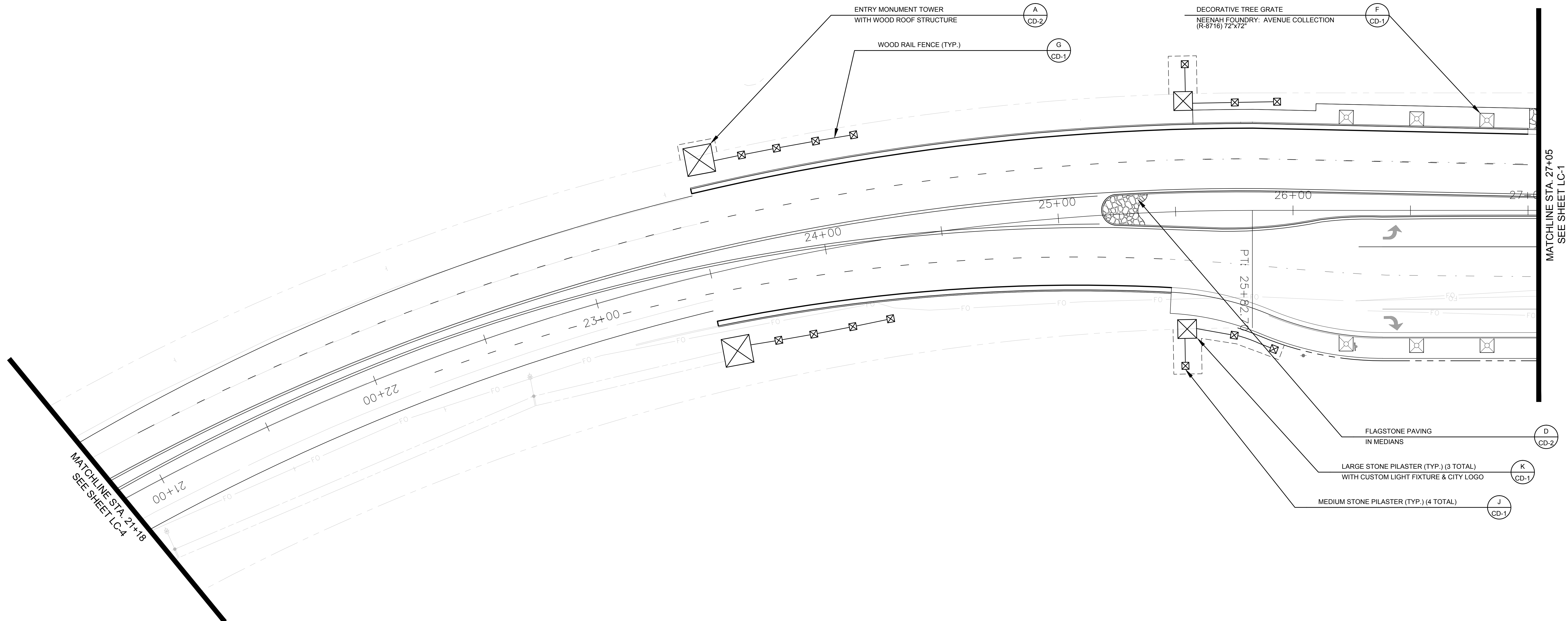
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KANAN ROAD/AGOURA ROAD
 ULTIMATE INTERSECTION IMPROVEMENTS

LANDSCAPE PLAN LC-1

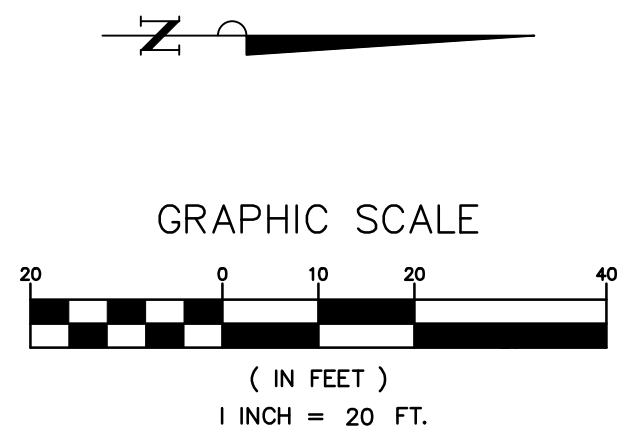
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SHEET 18 OF 35



MATCHLINE STA. 21+18
SEE SHEET LC-4

MATCHLINE STA. 27+05
SEE SHEET LC-1



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ROBERT BOMBARDIER RLA 2464

REVIEWED BY:

CHARMAINE YAMBAO 8/4/15
 ASSOCIATE CIVIL ENGINEER DATE

APPROVED BY:

RAMIRO ADEVA 8/4/15
 DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



KANAN ROAD/AGOURA ROAD
 ULTIMATE INTERSECTION IMPROVEMENTS

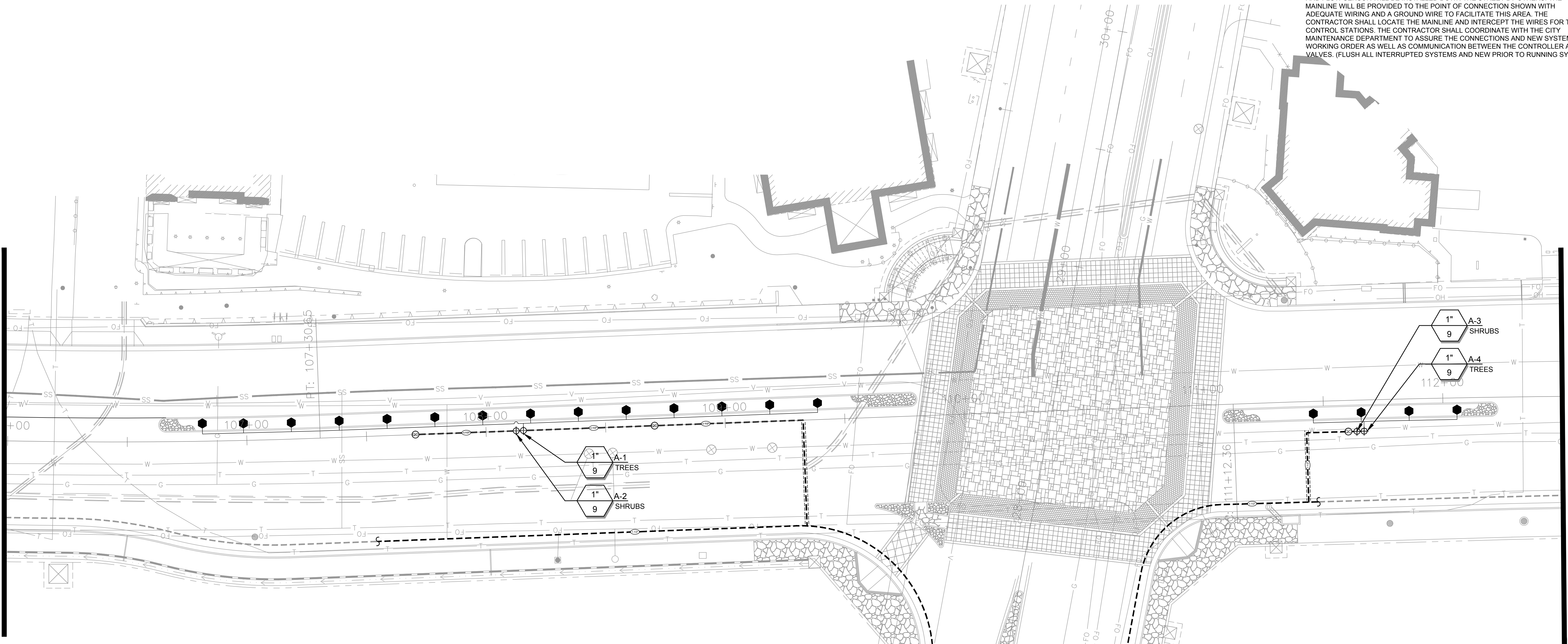
LANDSCAPE PLAN LC-3

DESIGNED BY: BB
 DRAWN BY: RK
 CHECKED BY: XX

KHA JOB NUMBER: 099083026

SHEET 20 OF 35

NOTE:
 EXISTING IRRIGATION SYSTEM WILL BE IN PLACE AT THE TIME OF THOSE IMPROVEMENTS. THE WATER METER, ET CONTROLLER, MASTER CONTROL VALVE AND FLOW SENSOR WILL BE INSTALLED DOWN THE STREET BY OTHERS. THE MAINLINE WILL BE PROVIDED TO THE POINT OF CONNECTION SHOWN WITH ADEQUATE WIRING AND A GROUND WIRE TO FACILITATE THIS AREA. THE CONTRACTOR SHALL LOCATE THE MAINLINE AND INTERCEPT THE WIRES FOR THE CONTROL STATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY MAINTENANCE DEPARTMENT TO ASSURE THE CONNECTIONS AND NEW SYSTEM IS IN WORKING ORDER AS WELL AS COMMUNICATION BETWEEN THE CONTROLLER AND VALVES. (FLUSH ALL INTERRUPTED SYSTEMS AND NEW PRIOR TO RUNNING SYSTEM).



NOTE:
 IN PORTION OF PROJECT USING RECLAIMED WATER (CONTROLLER 'B'), ALL MATERIAL TO BE USED SHALL BE APPROPRIATE FOR RECLAIMED WATER USE.

POINT OF CONNECTION, 1-1/2" WATER METER, FLOW SENSOR, BACKFLOW AND CONTROLLER 'D'. REFER TO KIMLEY-HORN & ASSOCIATES, INC. PLAN, DATED APRIL 2013.

POINT OF CONNECTION, 1-1/2" WATER METER, FLOW SENSOR, BACKFLOW AND CONTROLLER 'D'. REFER TO KIMLEY-HORN & ASSOCIATES, INC. PLAN, DATED APRIL 2013.

MATCHLINE STA. 27+05
 SEE SHEET LI-3

MATCHLINE STA. 112+50
 SEE SHEET LI-2

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xx/xx/xx
 DATE



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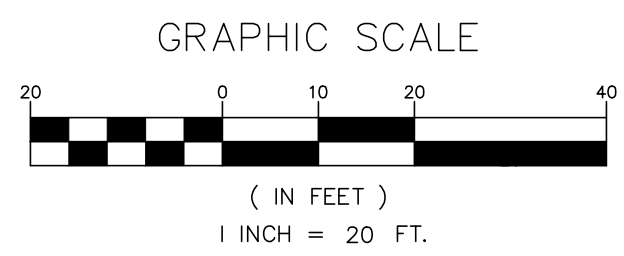
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RAMIRO ADEVA
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8/4/15 DATE

8/4/15 DATE



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- Landscape Architecture
- Planning
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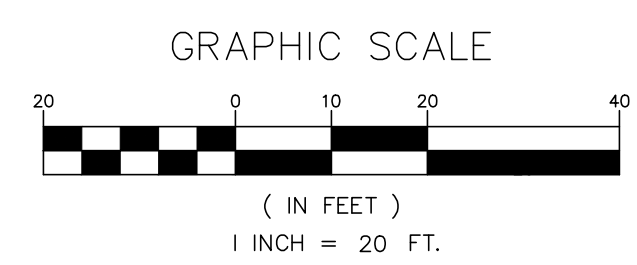
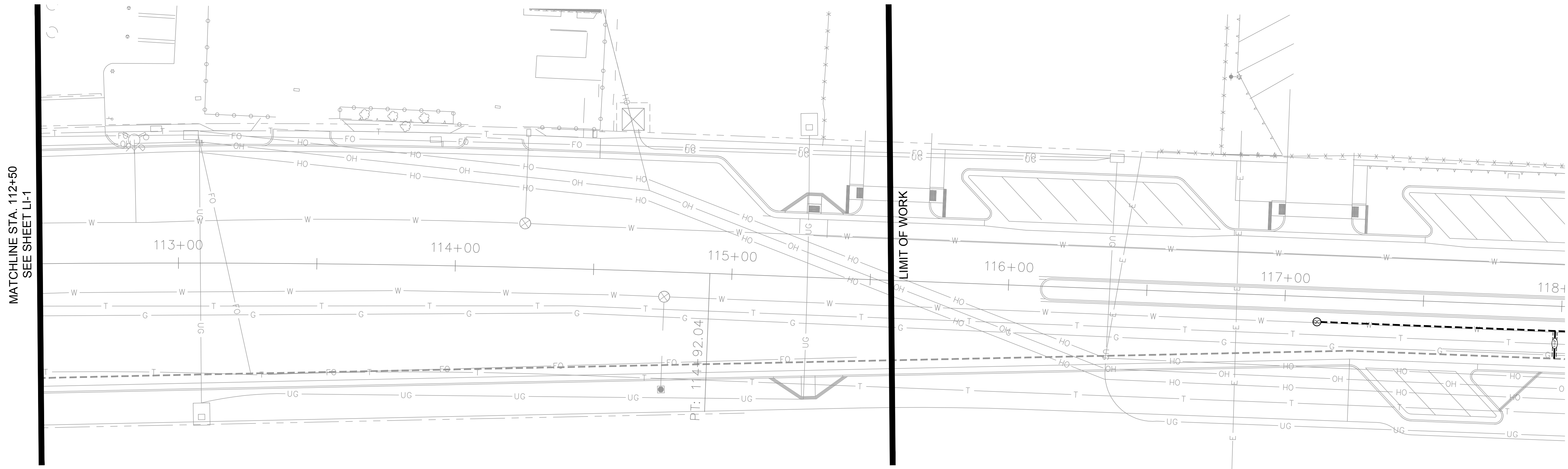
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KANAN ROAD/AGOURA ROAD
 ULTIMATE INTERSECTION IMPROVEMENTS

IRRIGATION PLAN LI-1

DESIGNED BY: BB	DRAWN BY: RK	CHECKED BY: XX	KHA JOB NUMBER 099083026
			SHEET 22 OF 35



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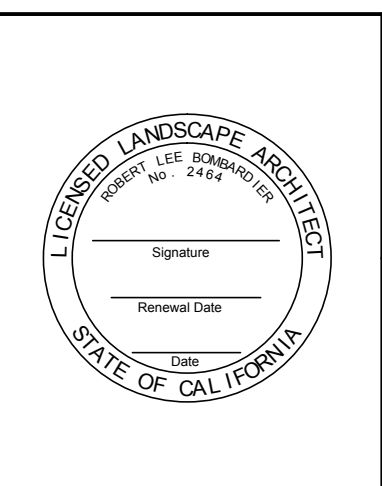
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ROBERT BOMBARDIER RLA 2464 DATE



REVIEWED BY:

CHARMAINE YAMBABO 8/4/15
ASSOCIATE CIVIL ENGINEER DATE

APPROVED BY:

RAMIRO ADEVA 8/4/15
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



PREPARED BY:

L. Newman Design Group, Inc.

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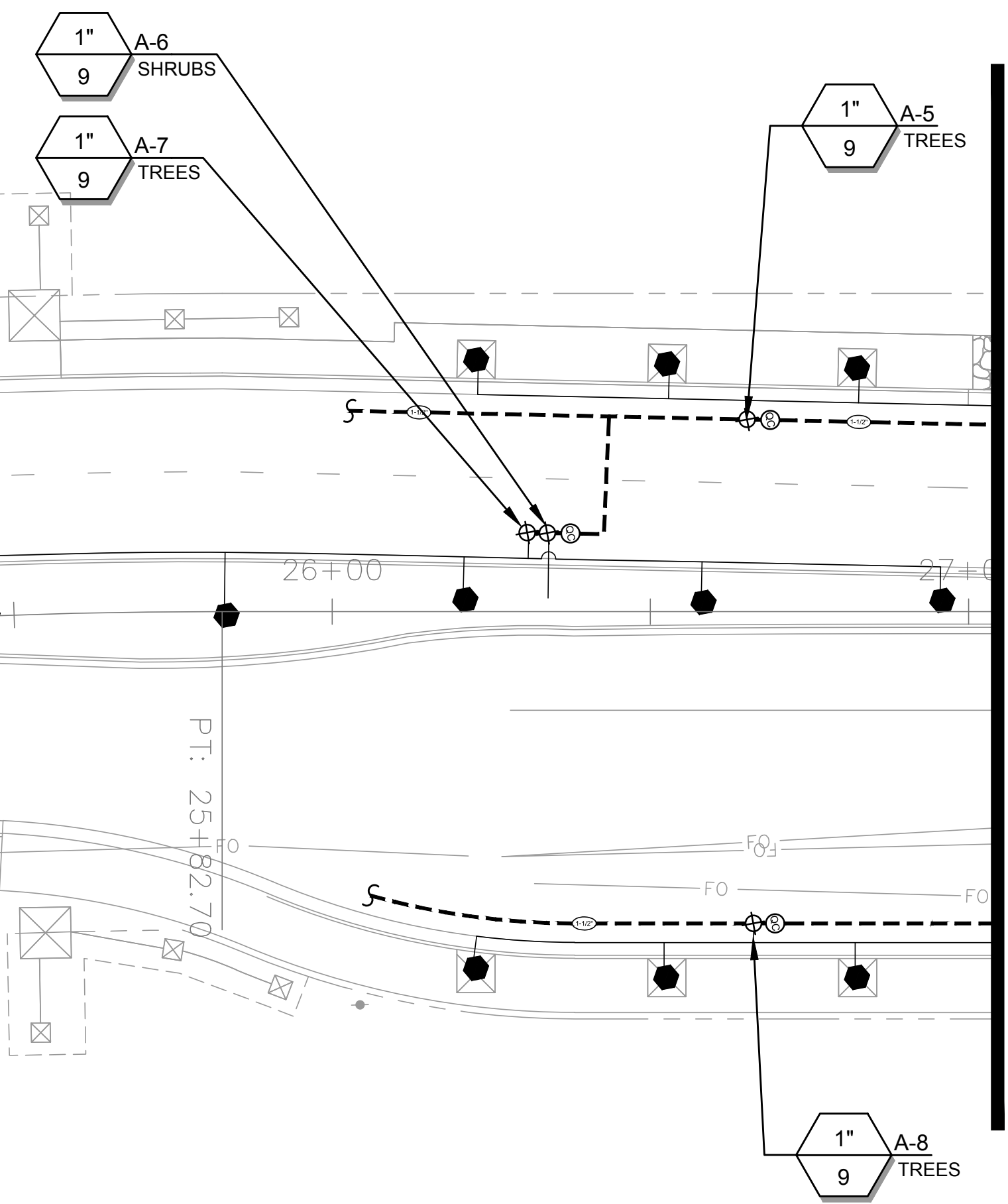
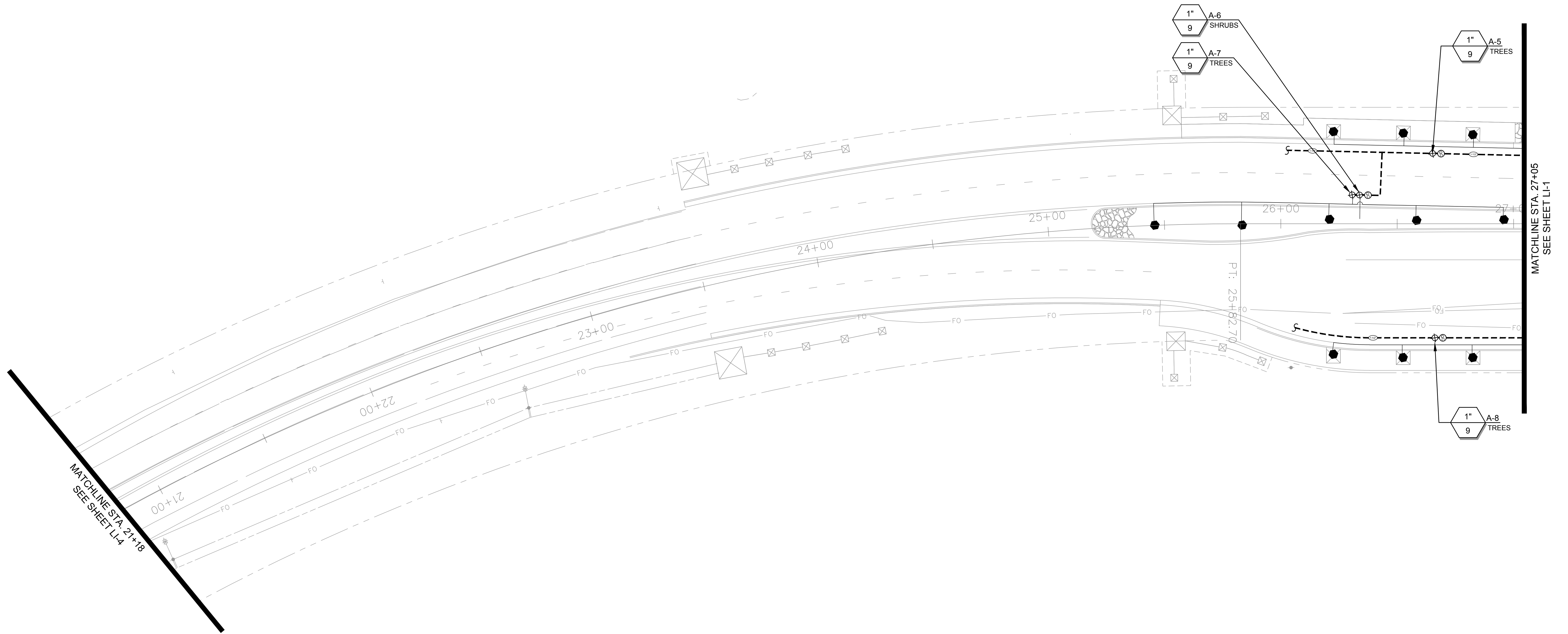
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IRRIGATION PLAN LI-2

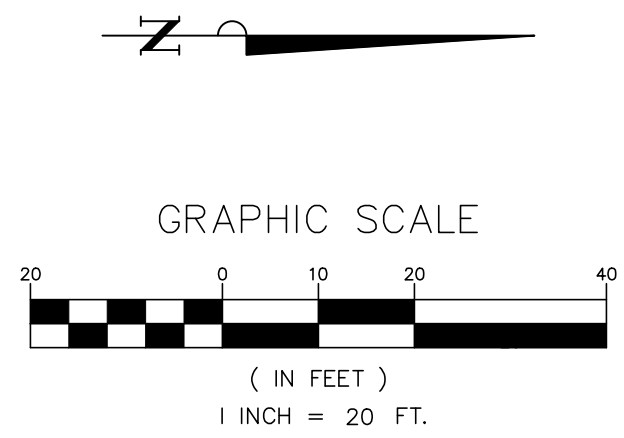
DESIGNED BY: BB DRAWN BY: RK CHECKED BY: XX KHA JOB NUMBER: 099083026

SHEET 23 OF 35



MATCHLINE STA. 21+18
SEE SHEET LL-4

MATCHLINE STA. 27+05
SEE SHEET LI-1



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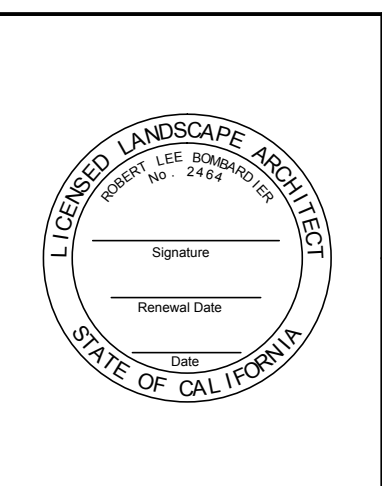
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ROBERT BOMBARDIER RLA 2464



REVIEWED BY:

CHARMAINE YAMBAO 8/4/15
ASSOCIATE CIVIL ENGINEER DATE

APPROVED BY:

RAMIRO ADEVA 8/4/15
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



PREPARED BY:

L. Newman Design Group, Inc.

- Landscape Architecture
- Planning
- Horticulture
- Biological Restoration

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KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

IRRIGATION PLAN LI-3

DESIGNED BY: BB
DRAWN BY: RK
CHECKED BY: XX

KHA JOB NUMBER: 099083026

SHEET 24 OF 35

**LAS VIRGENES MUNICIPAL WATER DISTRICT
RECYCLED WATER SERVICE GENERAL NOTES
(WHERE APPLICABLE)**

- A. THESE RECYCLED WATER SERVICE GENERAL NOTES MUST APPEAR ON ALL ORIGINAL AND "AS-BUILT" COPIES OF THE IRRIGATION SYSTEM PLANS.
- B. THE RECYCLED WATER SYSTEM SHALL MEET THE AMERICAN WATER WORKS ASSOCIATION "GUIDELINES TO DISTRIBUTION OF NON-POTABLE WATER".
- C. A SET OF ORIGINAL IRRIGATION SYSTEM DESIGN DRAWINGS MUST BE SUPPLIED TO THE LAS VIRGENES WATER DISTRICT BEFORE SYSTEM CONSTRUCTION BEGINS.
- D. A SET OF "AS-BUILT" IRRIGATION SYSTEM DRAWINGS MUST BE SUPPLIED TO THE LAS VIRGENES WATER DISTRICT UPON COMPLETION OF THE INSTALLATION.
- E. THE LAS VIRGENES WATER DISTRICT SHALL BE NOTIFIED 48 HOURS PRIOR TO THE START OF CONSTRUCTION OR PIPELINE INSTALLATION BY CALLING (818) 251-2100, TO SCHEDULE AN INSPECTION. INSPECTION MUST BE MADE BEFORE TRENCHING FOR BELOW GROUND PIPING ARE BACK-FILLED.
- F. PIPE MATERIAL:
- G. ALL ON-SITE POTABLE WATER LINES MUST BE COPPER, AND IDENTIFIED WITH A WARNING TAPE WITH A BLUE OR GREEN BACKGROUND AND THE WORDS: "CAUTION: POTABLE WATER LINE".
- H. ALL NEWLY CONSTRUCTED, BURIED RECYCLED WATER DISTRIBUTION PIPING, INCLUDING MAIN AND LATERAL LINES, VALVES AND OTHER APPURTENANCES SHOULD BE COLOR EXTRUDED PURPLE, PANTONE 512, AND EMBOSSED OR INTEGRALLY STAMPED/MARKED BY THE MANUFACTURER EVERY 24 INCHES ON TWO (2) SIDES: "CAUTION: RECYCLED WATER - DO NOT DRINK". DISTRIBUTION PIPING AND LATERAL LINES SHALL BE MARKED EVERY 24 INCHES ON OPPOSITE SIDES: "CAUTION: RECYCLED WATER - DO NOT DRINK".
- I. WHEN, DUE TO PREEXISTING CONDITIONS, RECYCLED AND POTABLE WATER LINES ARE OF THE SAME MATERIAL AND COLOR, AS IN THE CASE OF SITES WHERE THE IRRIGATION SYSTEM WAS CONVERTED TO RECYCLED WATER USE, WHEN THE POTABLE SYSTEM IS EXPANDED, COPPER WILL BE USED.
- J. ALL PRESSURE MAIN LINE PIPING FROM THE RECYCLED WATER SYSTEM SHALL BE INSTALLED TO MAINTAIN A TEN (10) FOOT MINIMUM HORIZONTAL SEPARATION FROM ALL POTABLE WATER PIPING. WHERE RECYCLED AND POTABLE WATER PRESSURE MAIN LINE PIPING CROSSES, THE RECYCLED WATER PIPING SHALL BE INSTALLED BELOW THE POTABLE WATER PIPING TO PROVIDE A MINIMUM VERTICAL CLEARANCE OF ONE (1) FOOT, AND SHALL BE INSTALLED IN A PVC CLASS 200 PIPE SLEEVE THAT EXTENDS A MINIMUM OF FIVE (5) FEET ON EITHER SIDE OF THE POTABLE WATER PIPING.
- K. SIGN AGE INDICATING THAT RECYCLED WATER IS BEING USED FOR IRRIGATION SHALL BE LOCATED AT POINTS WHERE THE PUBLIC MAY ENTER THE USE AREA.
- L. ALL ABOVE GROUND RECYCLED WATER FACILITIES (CONTROLLERS, VALVES, RISERS, HEADS, QUICK COUPLERS, ETC.) MUST HAVE IDENTIFYING COLORS AND LABELS FOR RECYCLED WATER.
- M. HOSE BIBS ARE NOT PERMITTED ON THE RECYCLED WATER IRRIGATION SYSTEM. QUICK COUPLERS SHALL BE USED IF HOSE CONNECTIONS ARE NECESSARY.
- N. BACK FLOW PREVENTION DEVICES SHALL NOT BE INCLUDED IN NEWLY CONSTRUCTED RECYCLED WATER SYSTEMS UNLESS REQUESTED BY THE DISTRICT.
- O. BACK FLOW PREVENTION DEVICES ON PRE-EXISTING POTABLE IRRIGATION SYSTEMS BEING CONVERTED TO USE RECYCLED WATER SHALL BE REMOVED UNLESS REQUIRED BY THE DISTRICT.
- P. A REDUCED PRESSURE PRINCIPLE BACKFLOW DEVICE IS REQUIRED ON ANY AND ALL POTABLE WATER SERVICE TO A PROPERTY WHERE RECYCLED WATER IS BEING USED FOR IRRIGATION.
- Q. DRINKING FOUNTAINS AND PICNIC TABLES SHOULD BE PLACED TO MINIMIZE EXPOSURE TO DIRECT AND WIND BLOWN RECYCLED WATER SPRAY.
- R. RECYCLED WATER SHALL NOT BE SPRAYED OUTSIDE OF THE DESIGN AREA.
- S. RECYCLED WATER SHALL NOT BE USED TO IRRIGATE ANY ENCLOSED PRIVATE REAR YARD OR PATIO AREA. EXCEPTIONS CAN BE MADE IN THE CASE OF RANCHETTES, WHERE SPECIAL RULES TAKE PRECEDENCE.
- T. A PHYSICAL SEPARATION (BARRIER - IE: FENCE, CONCRETE MOW STRIP, OR EQUIVALENT, AS DETERMINED BY THE DISTRICT) IS REQUIRED BETWEEN AREAS IRRIGATED WITH RECYCLED AND AREAS IRRIGATED WITH POTABLE WATER.
- U. COMPLIANCE WITH THESE NOTES IS REQUIRED FOR RECYCLED WATER SERVICE.

IRRIGATION NOTES:

1. ALL MAIN LINE, LATERAL PIPING AND CONTROL WIRES, UNDER PAVING, SHALL BE IN SEPARATE SLEEVES. MAIN LINE AND LATERAL SLEEVES SHALL BE A MINIMUM OF 4". FOR PIPING LARGER THAN 2", THE SLEEVES SHALL BE TWICE THE PIPE DIAMETER. WIRE SLEEVING SHALL BE 2" OR LARGER TO ACCOMMODATE CONTROL AND COMMON WIRES. SLEEVES UNDER ROADWAYS SHALL BE 30" DEEP; BURY ALL OTHER MAIN LINE 18" DEEP AND ALL LATERALS 12" DEEP, EXCEPT AS NOTED WITHIN SLEEVES. THESE DEPTHS ARE MINIMUMS.
2. AFTER MAIN LINE HAS BEEN INSTALLED AND PRIOR TO COVERING THE MAIN LINE TRENCH, A PRESSURE TEST SHALL BE CONDUCTED. ALL PRESSURE LINES SHALL BE TESTED UNDER A HYDROSTATIC PRESSURE AT 160 PSI FOR A PERIOD NOT LESS THAN 24 HOURS. IF LEAKS DEVELOP, THE JOINTS SHALL BE REPLACED AND THE TEST REPEATED UNTIL THE ENTIRE MAIN LINE IS PROVEN TO BE WATERTIGHT. CERTIFICATION, IN WRITING, SHALL BE SUBMITTED TO THE OWNER VERIFYING THAT THE TEST HAS BEEN CONDUCTED SUCCESSFULLY.
3. ALL HEADS ADJACENT TO SIDEWALKS, DRIVEWAYS, AND ALL TURF HEADS SHALL BE ATTACHED TO POP-UP BODIES. TURF TO BE 4" POP-UPS AND SHRUB AREAS TO BE 6" POP-UPS IN PLANTERS LESS THAN 6' IN WIDTH AND 12" POP-UPS IN PLANTERS GREATER THAN 6' IN WIDTH. ALL OTHER SHRUB HEADS TO BE ON RISERS 12" ABOVE FINISH GRADE.
4. THE SPRINKLER SYSTEM DESIGN IS BASED ON A DESIGN PRESSURE OF XX PSI AND A MAXIMUM FLOW OF 30 GPM. THE IRRIGATION CONTRACTOR SHALL VERIFY THE PRESSURE AND FLOW PRIOR TO CONSTRUCTION. ANY VARIANCE FROM THE DESIGN PRESSURE SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT WITHIN 24 HOURS AND PRIOR TO COMMENCEMENT OF ANY WORK. IF IT IS FOUND THAT THE PRESSURE AND/OR FLOW DEVIATE FROM THE DESIGN AND THE CONTRACTOR COMMENCES WORK WITHOUT NOTIFYING THE LANDSCAPE ARCHITECT, ALL CORRECTIVE ACTION NECESSARY TO ESTABLISH A FUNCTIONAL IRRIGATION SYSTEM SHALL BE AT THE CONTRACTOR'S EXPENSE.
5. UPON COMPLETION OF THE IRRIGATION SYSTEM INSTALLATION, A COVERAGE TEST SHALL BE CONDUCTED WITH THE LANDSCAPE ARCHITECT PRESENT.
6. NOTE FOR OAKS:
IRRIGATION CONTRACTOR TO HAND TRENCH UNDER ALL EXISTING OAKS AND SPECIMEN TREES AS DESIGNATED TO AVOID OAK ROOT IMPACT. KEEP WIRES AND LATERAL LINES AS CLOSE TO CURB OR HARDSCAPE AS POSSIBLE.
CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE OAK TREE PERMIT.

EQUIPMENT LEGEND			
SYMBOL	MANUFACTURER / MODEL NUMBER	SIZE	DETAIL
	IRRIGATION POINT OF CONNECTION	EXISTING	N/A
	CONTROLLER - EXISTING	EXISTING	N/A
	NIBCO T-580-70 BRONZE BALL VALVE - 3" AND SMALLER WITH PURPLE LOCKING COVER	LINE SIZE	'F' - CD-4
	RAIN BIRD #33-DNP-DLRC QUICK COUPLING VALVE WITH PURPLE LOCKING COVER	3/4"	'B' - CD-4
	RAIN BIRD PESB-R SERIES REMOTE CONTROL VALVE WITH PURPLE LOCKING COVER	PLAN SIZE	'A' - CD-4
	RAIN BIRD XCZ-150-PRBR-COM CONTROL ZONE KIT WITH PURPLE LOCKING COVER	PLAN SIZE	'G' - CD-4
	SCH 40 PVC IRRIGATION PRESSURE MAINLINE, 24" MINIMUM COVER (PURPLE COLOR)	PLAN SIZE	'D' - CD-4
	SCH 40 PVC NON-PRESSURE LATERAL LINE, 12" MINIMUM COVER (PURPLE COLOR)	PLAN SIZE	'D' - CD-4
	SCH 40 PVC SLEEVE, 36" MINIMUM COVER	PLAN SIZE	'C' - CD-4
NOT SHOWN	UF DIRECT BURIAL CONTROL WIRE WITH WATERPROOF CONNECTIONS	N/A	-

SPRINKLER LEGEND						
SYMBOL	MANUFACTURER / MODEL	NOZZLE	RAD	PSI	FLOW - GPM Q / H / F	DETAIL
DRIP EMITTER ON RISER						
	RAIN BIRD XERI-BUG	XBT-10PC-1032	-	-	1.0 GPH	'K' - CD-4
INDICATES RAINBIRD TREE BUBBLER (2 PER TREE) EXCEPT FOR SPECIMEN OAKS IN CENTER PLANTER - SEE BELOW AND DETAIL 'E', LD-3						
	RAIN BIRD ROOT WATERING SYSTEM W/ RECLAIMED 'PURPLE' GRATE	RWS-B-C-1402 W/ RWS-GRATE-P	-	30	.50	'I' - CD-4

NOTE:
IN PORTION OF PROJECT USING RECLAIMED WATER (CONTROLLER 'D'), ALL MATERIALS TO BE USED SHALL BE APPROPRIATE FOR RECLAIMED WATER USE.

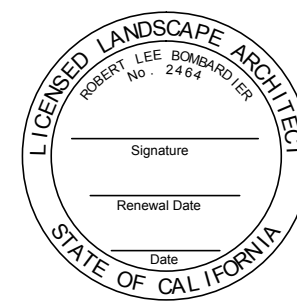
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APPROVED BY:

Kimley»Horn

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ROBERT BOMBARDIER RLA 2464 DATE

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KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

IRRIGATION LEGEND LI-5

DESIGNED BY: BB	DRAWN BY: RK	CHECKED BY: XX	KHA JOB NUMBER 099083026
			SHEET 26 OF 35

SOIL PREPARATION SPECIFICATIONS

PREPLANT SOIL AMENDMENTS AND FERTILIZERS

- 3 CU. YDS. AGROMEND
- 20 LBS. 8-8-4 FERTILIZER
- ROTOTILL TO 8" DEPTH

A. TURF AND GROUND COVER

1. SOIL AMENDMENTS	APPLY PER 1000 sq. ft.
• ORGANIC (WELL-COMPOSTED) NITROLIZED REDWOOD SHAVINGS	2.00 cu. yds.
2. FERTILIZERS	APPLY PER 1000 sq. ft.
• PHOSPHORUS (P2 O5)	1.30 lbs
• POTASSIUM (K2O)	2.50 lbs
• SOIL SULPHUR	25.0 lbs
• IRON (Fe)	0.50 lbs
• ZINC (Zn)	3.80 lbs

ALL TURF AND GROUND COVER AREAS SHALL RECEIVE THESE AMENDMENTS WELL BLENDED AND FILLED INTO THE TOP 4"-6" AFTER INCORPORATION THE ABOVE SOIL PREPARATION INTO THE SITE SPREAD 25 LBS OF GYPSUM AND 25 LBS OF SOIL SULPHUR TO THE TOP.

B. TREE AND SHRUB BACKFILL MIX

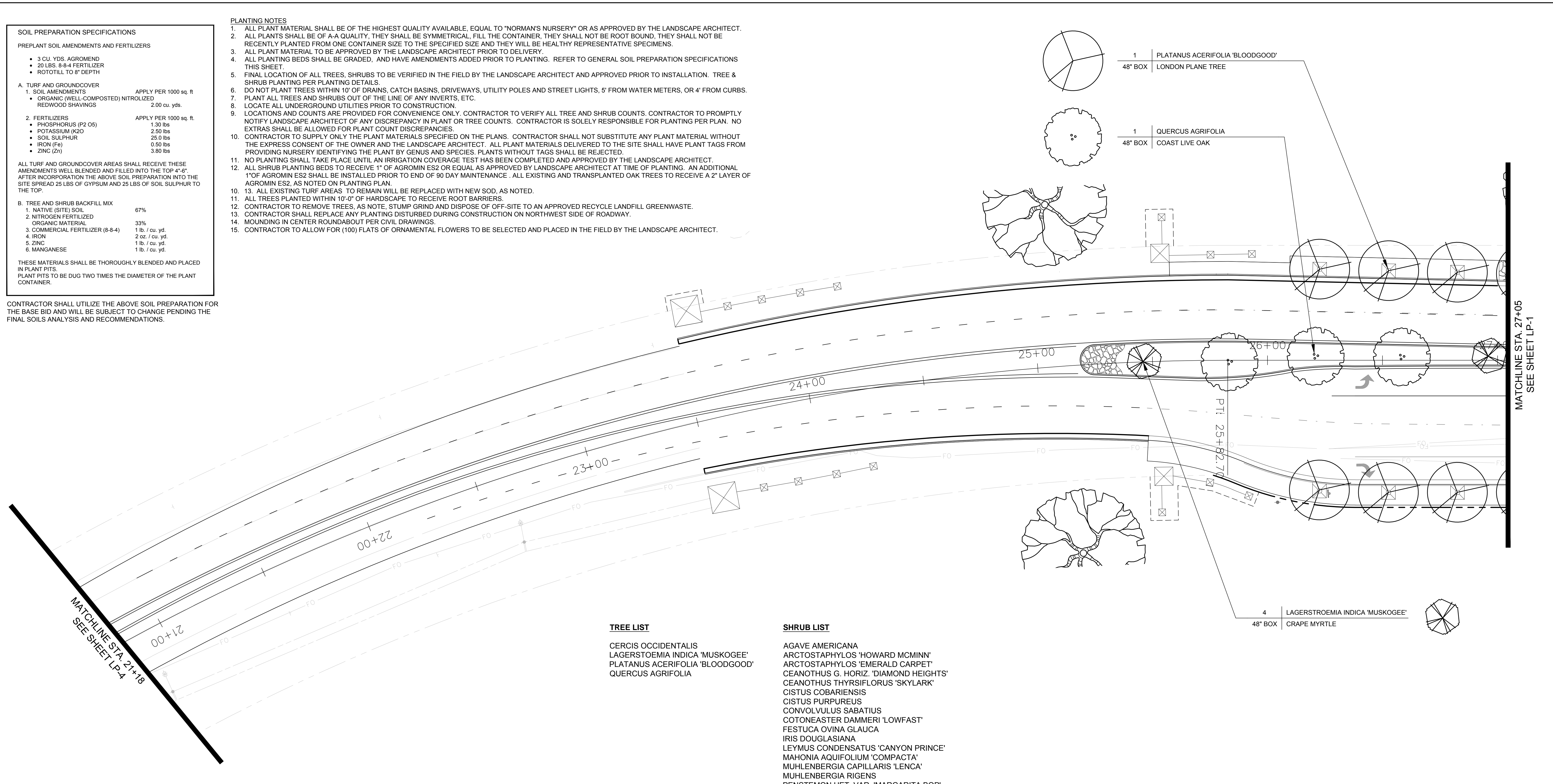
1. NATIVE (SITE) SOIL	67%
2. NITROGEN FERTILIZED ORGANIC MATERIAL	33%
3. COMMERCIAL FERTILIZER (8-8-4)	1 lb. / cu. yd.
4. IRON	2 oz. / cu. yd.
5. ZINC	1 lb. / cu. yd.
6. MANGANESE	1 lb. / cu. yd.

THESE MATERIALS SHALL BE THOROUGHLY BLENDED AND PLACED IN PLANT PITS.
PLANT PITS TO BE DUG TWO TIMES THE DIAMETER OF THE PLANT CONTAINER.

CONTRACTOR SHALL UTILIZE THE ABOVE SOIL PREPARATION FOR THE BASE BID AND WILL BE SUBJECT TO CHANGE PENDING THE FINAL SOILS ANALYSIS AND RECOMMENDATIONS.

PLANTING NOTES

1. ALL PLANT MATERIAL SHALL BE OF THE HIGHEST QUALITY AVAILABLE, EQUAL TO "NORMAN'S NURSERY" OR AS APPROVED BY THE LANDSCAPE ARCHITECT.
2. ALL PLANTS SHALL BE OF A-A QUALITY, THEY SHALL BE SYMMETRICAL, FILL THE CONTAINER, THEY SHALL NOT BE ROOT BOUND, THEY SHALL NOT BE RECENTLY PLANTED FROM ONE CONTAINER SIZE TO THE SPECIFIED SIZE AND THEY WILL BE HEALTHY REPRESENTATIVE SPECIMENS.
3. ALL PLANT MATERIAL TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY.
4. ALL PLANTING BEDS SHALL BE GRADED, AND HAVE AMENDMENTS ADDED PRIOR TO PLANTING. REFER TO GENERAL SOIL PREPARATION SPECIFICATIONS THIS SHEET.
5. FINAL LOCATION OF ALL TREES, SHRUBS TO BE VERIFIED IN THE FIELD BY THE LANDSCAPE ARCHITECT AND APPROVED PRIOR TO INSTALLATION. TREE & SHRUB PLANTING PER PLANTING DETAILS.
6. DO NOT PLANT TREES WITHIN 10' OF DRAINS, CATCH BASINS, DRIVEWAYS, UTILITY POLES AND STREET LIGHTS, 5' FROM WATER METERS, OR 4' FROM CURBS.
7. PLANT ALL TREES AND SHRUBS OUT OF THE LINE OF ANY INVERTS, ETC.
8. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
9. LOCATIONS AND COUNTS ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR TO VERIFY ALL TREE AND SHRUB COUNTS. CONTRACTOR TO PROMPTLY NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY IN PLANT OR TREE COUNTS. CONTRACTOR IS SOLELY RESPONSIBLE FOR PLANTING PER PLAN. NO EXTRAS SHALL BE ALLOWED FOR PLANT COUNT DISCREPANCIES.
10. CONTRACTOR TO SUPPLY ONLY THE PLANT MATERIALS SPECIFIED ON THE PLANS. CONTRACTOR SHALL NOT SUBSTITUTE ANY PLANT MATERIAL WITHOUT THE EXPRESS CONSENT OF THE OWNER AND THE LANDSCAPE ARCHITECT. ALL PLANT MATERIALS DELIVERED TO THE SITE SHALL HAVE PLANT TAGS FROM PROVIDING NURSERY IDENTIFYING THE PLANT BY GENUS AND SPECIES. PLANTS WITHOUT TAGS SHALL BE REJECTED.
11. NO PLANTING SHALL TAKE PLACE UNTIL AN IRRIGATION COVERAGE TEST HAS BEEN COMPLETED AND APPROVED BY THE LANDSCAPE ARCHITECT.
12. ALL SHRUB PLANTING BEDS TO RECEIVE 1" OF AGROMIN ES2 OR EQUAL AS APPROVED BY LANDSCAPE ARCHITECT AT TIME OF PLANTING. AN ADDITIONAL 1" OF AGROMIN ES2 SHALL BE INSTALLED PRIOR TO END OF 90 DAY MAINTENANCE. ALL EXISTING AND TRANSPLANTED OAK TREES TO RECEIVE A 2" LAYER OF AGROMIN ES2, AS NOTED ON PLANTING PLAN.
13. ALL EXISTING TURF AREAS TO REMAIN WILL BE REPLACED WITH NEW SOD, AS NOTED.
14. ALL TREES PLANTED WITHIN 10'-0" OF HARDSCAPE TO RECEIVE ROOT BARRIERS.
15. CONTRACTOR TO REMOVE TREES, AS NOTE. STUMP GRIND AND DISPOSE OF OFF-SITE TO AN APPROVED RECYCLE LANDFILL GREENWASTE.
16. CONTRACTOR SHALL REPLACE ANY PLANTING DISTURBED DURING CONSTRUCTION ON NORTHWEST SIDE OF ROADWAY.
17. MOUNDING IN CENTER ROUNDABOUT PER CIVIL DRAWINGS.
18. CONTRACTOR TO ALLOW FOR (100) FLATS OF ORNAMENTAL FLOWERS TO BE SELECTED AND PLACED IN THE FIELD BY THE LANDSCAPE ARCHITECT.



TREE LIST

- CERCIS OCCIDENTALIS
- LAGERSTOEMIA INDICA 'MUSKOGEE'
- PLATANUS ACERIFOLIA 'BLOODGOOD'
- QUERCUS AGRIFOLIA

SHRUB LIST

- AGAVE AMERICANA
- ARCTOSTAPHYLOS 'HOWARD MCMINN'
- ARCTOSTAPHYLOS 'EMERALD CARPET'
- CEANOTHUS G. HORIZ. 'DIAMOND HEIGHTS'
- CEANOTHUS THYRSIFLORUS 'SKYLARK'
- CISTUS COBARIENSIS
- CISTUS PURPUREUS
- CONVOLVULUS SABATIUS
- COTONEASTER DAMMERI 'LOWFAST'
- FESTUCA OVINA GLAUCA
- IRIS DOUGLASIANA
- LEYMUS CONDENSATUS 'CANYON PRINCE'
- MAHONIA AQUIFOLIUM 'COMPACTA'
- MUHLENBERGIA CAPILLARIS 'LENCA'
- MUHLENBERGIA RIGENS
- PENSTEMON HET. VAR. 'MARGARITA BOP'
- ROSA 'TOWN & COUNTRY'
- ROSE (RED)
- PEROVSKIA ATRIPLICIFOLIA
- PHORMIUM TENAX 'RUBRUM'
- ROSMARINUS OFFICINALIS
- SALVIA LEUCANTHA

1 PLATANUS ACERIFOLIA 'BLOODGOOD'
48" BOX LONDON PLANE TREE

1 QUERCUS AGRIFOLIA
48" BOX COAST LIVE OAK

4 LAGERSTOEMIA INDICA 'MUSKOGEE'
48" BOX CRAPE MYRTLE

MATCHLINE STA. 27+05
SEE SHEET LP-1

MATCHLINE STA. 21+18
SEE SHEET LP-4

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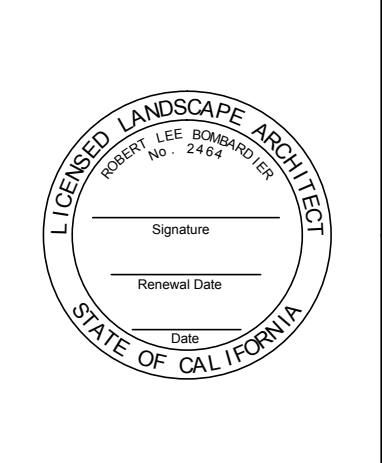
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APPROVED BY:

Kimley»Horn

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ROBERT BOMBARDIER RLA 2464 DATE



REVIEWED BY:

CHARMAINE YAMBAO 8/4/15
ASSOCIATE CIVIL ENGINEER DATE

APPROVED BY:

RAMIRO ADEVA 8/4/15
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



PREPARED BY:

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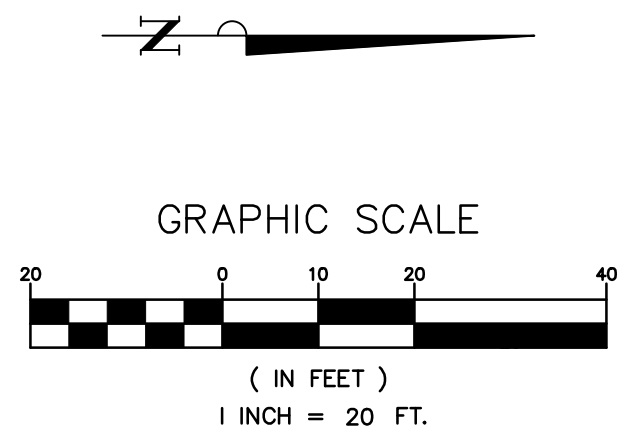
KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

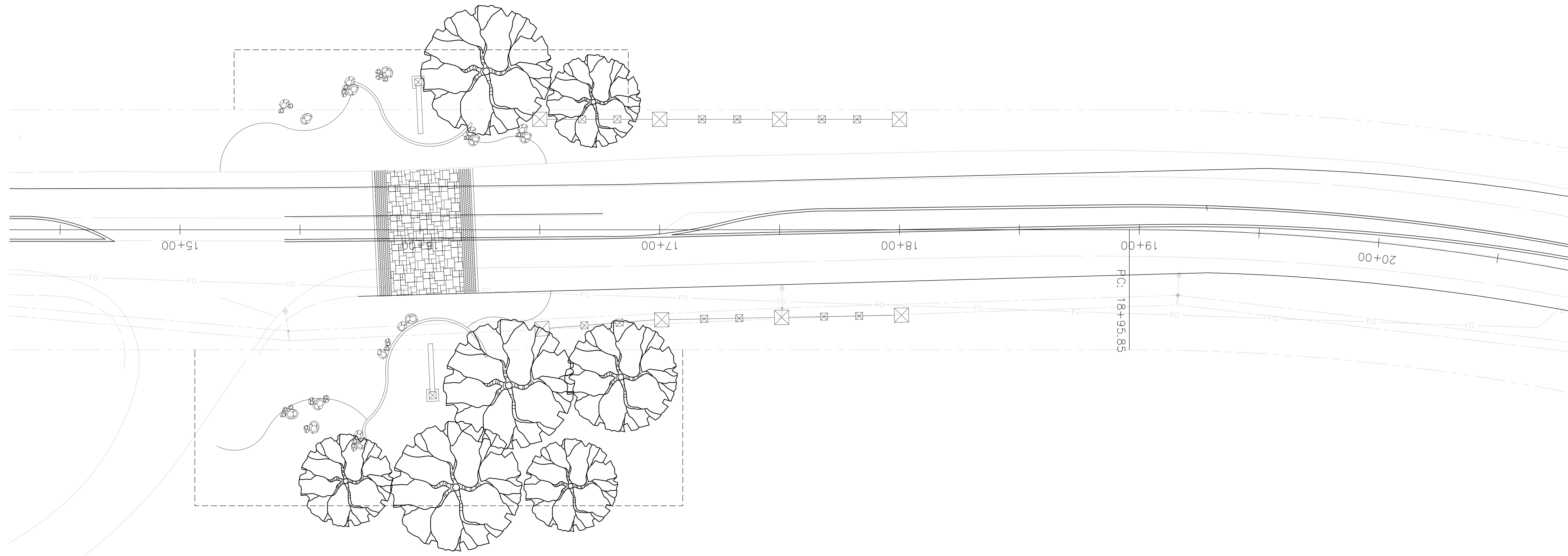
PLANTING PLAN LP-3

DESIGNED BY: BB
DRAWN BY: RK
CHECKED BY: XX

KHA JOB NUMBER: 099083026

SHEET 29 OF 35





MATCHLINE STA. 21+18
SEE SHEET LP-3

65% SUBMITTAL

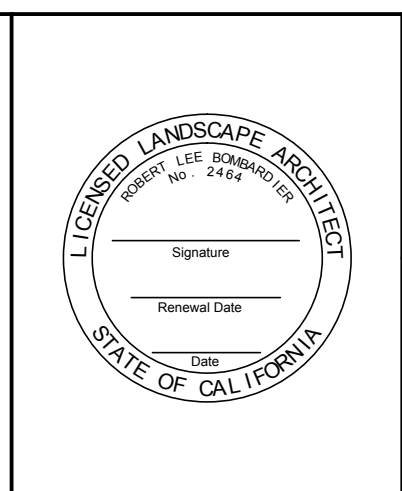
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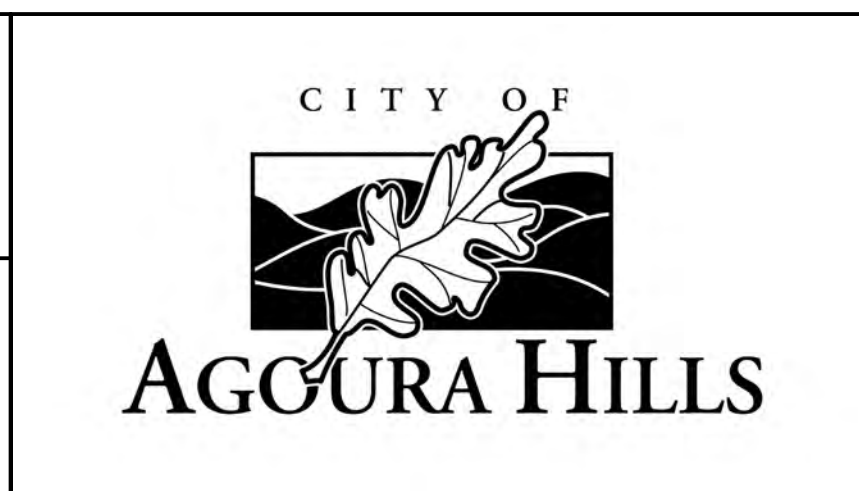


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RAMIRO ADEVA 8/4/15 DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER



PREPARED BY:



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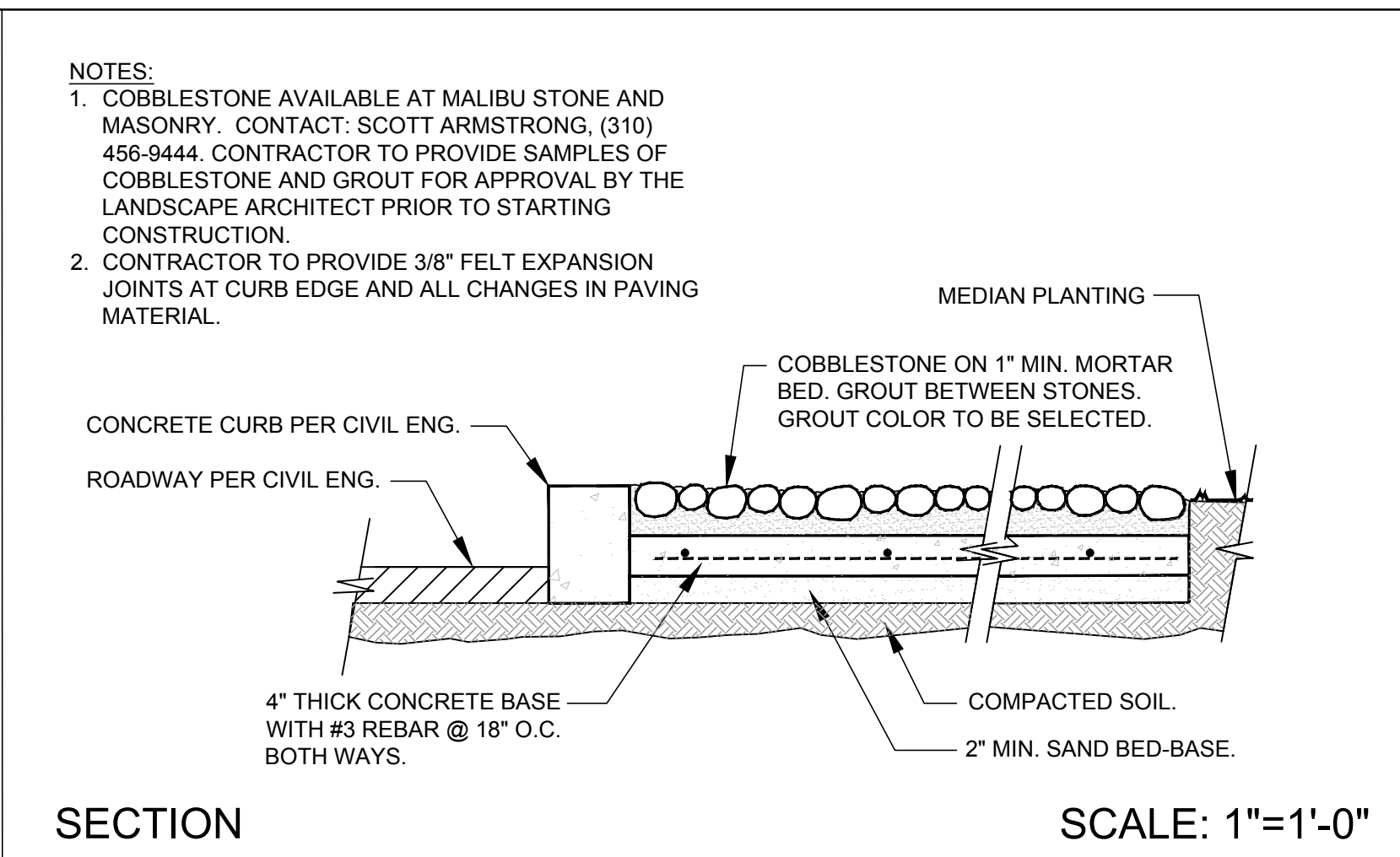
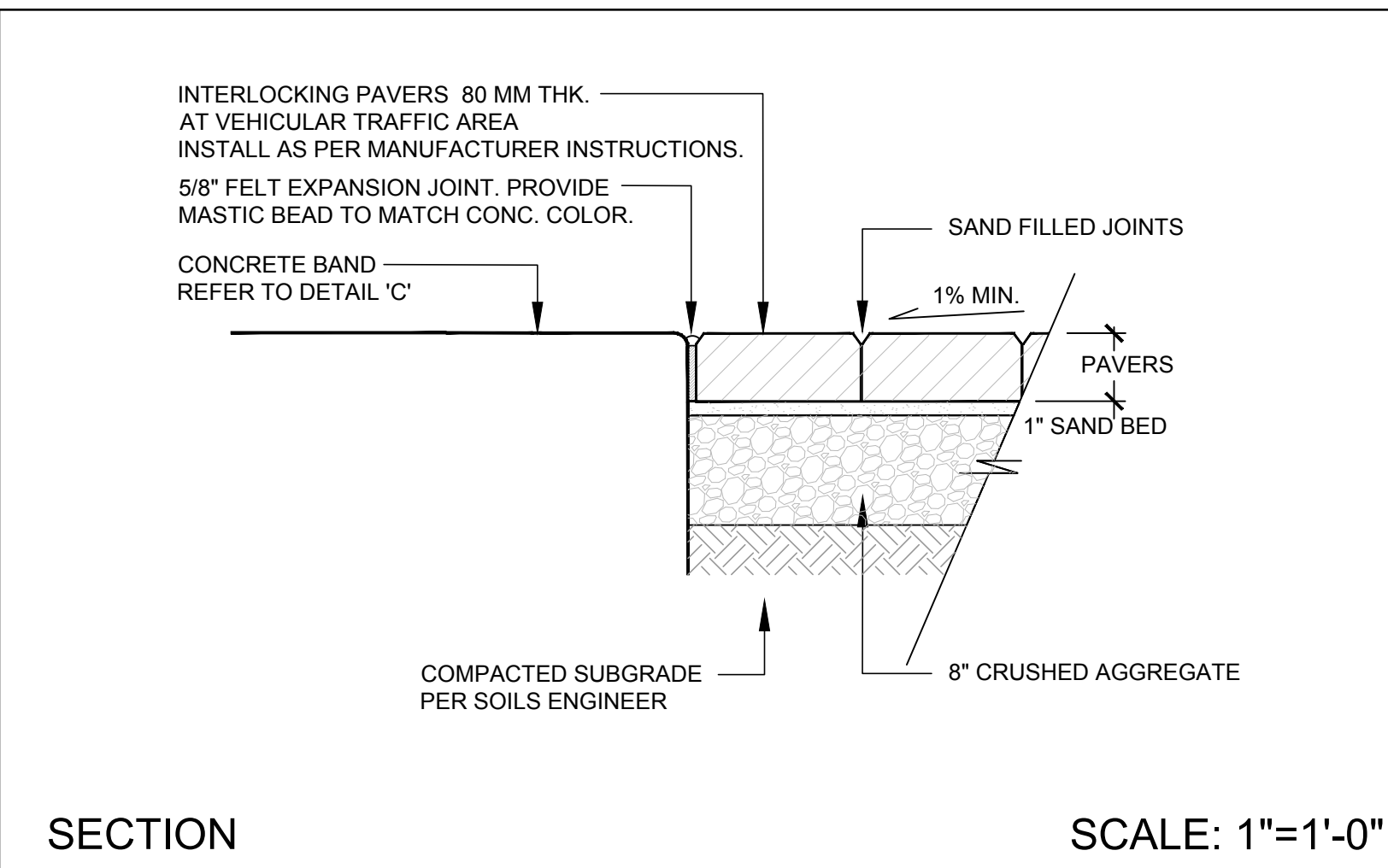
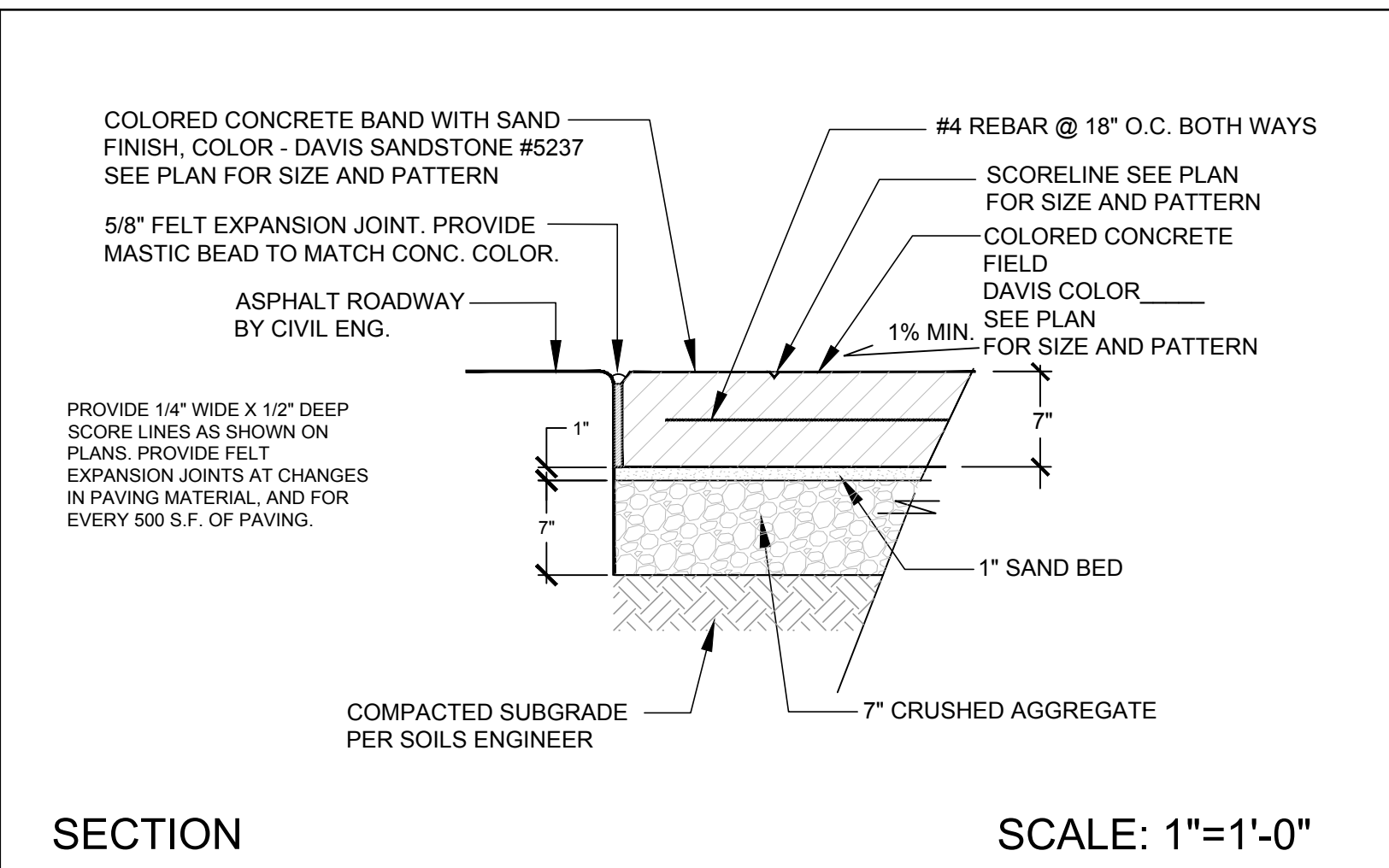
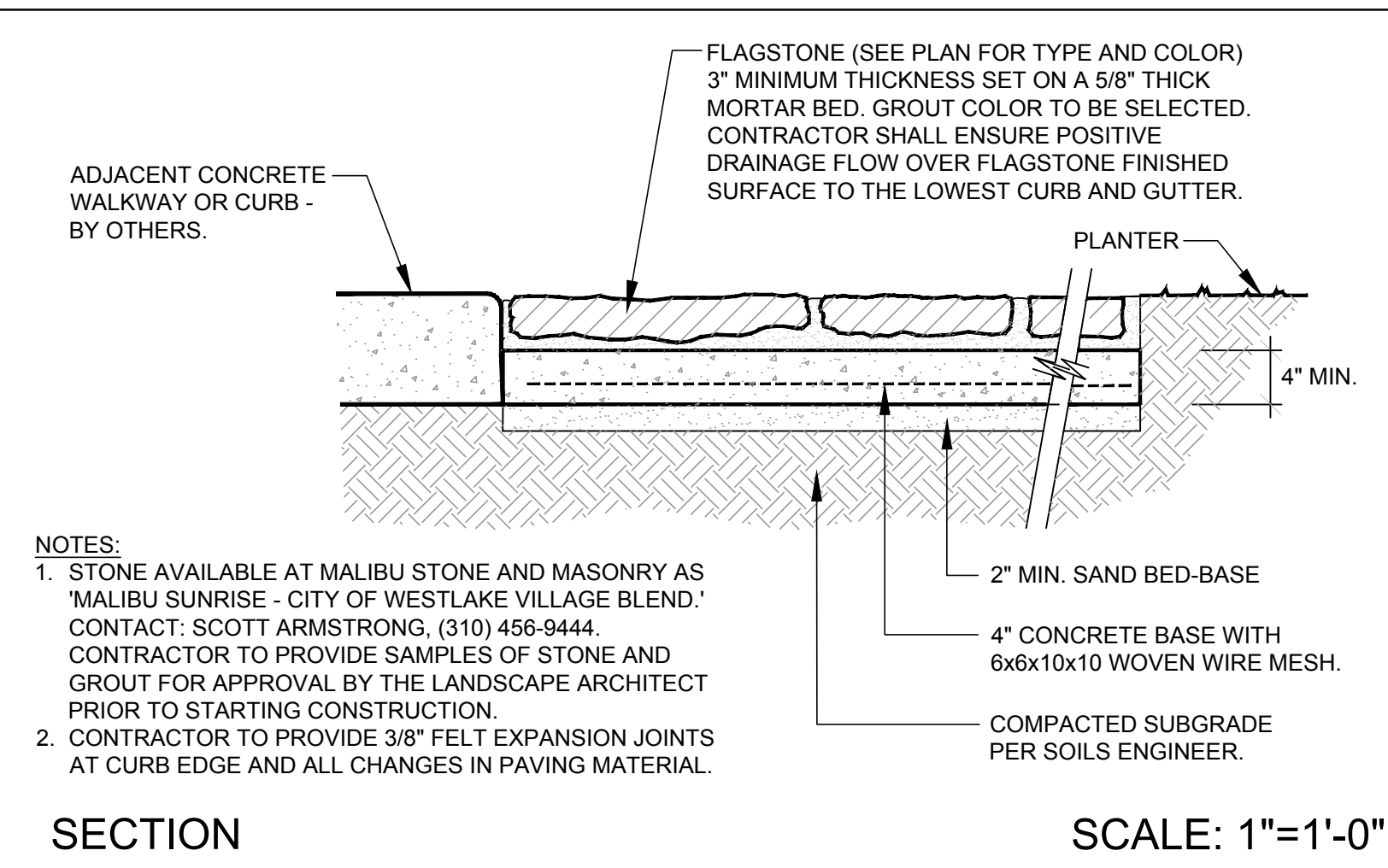
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KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

PLANTING PLAN LP-4

DESIGNED BY: BB DRAWN BY: RK CHECKED BY: XX KHA JOB NUMBER: 099083026

SHEET 30 OF 35

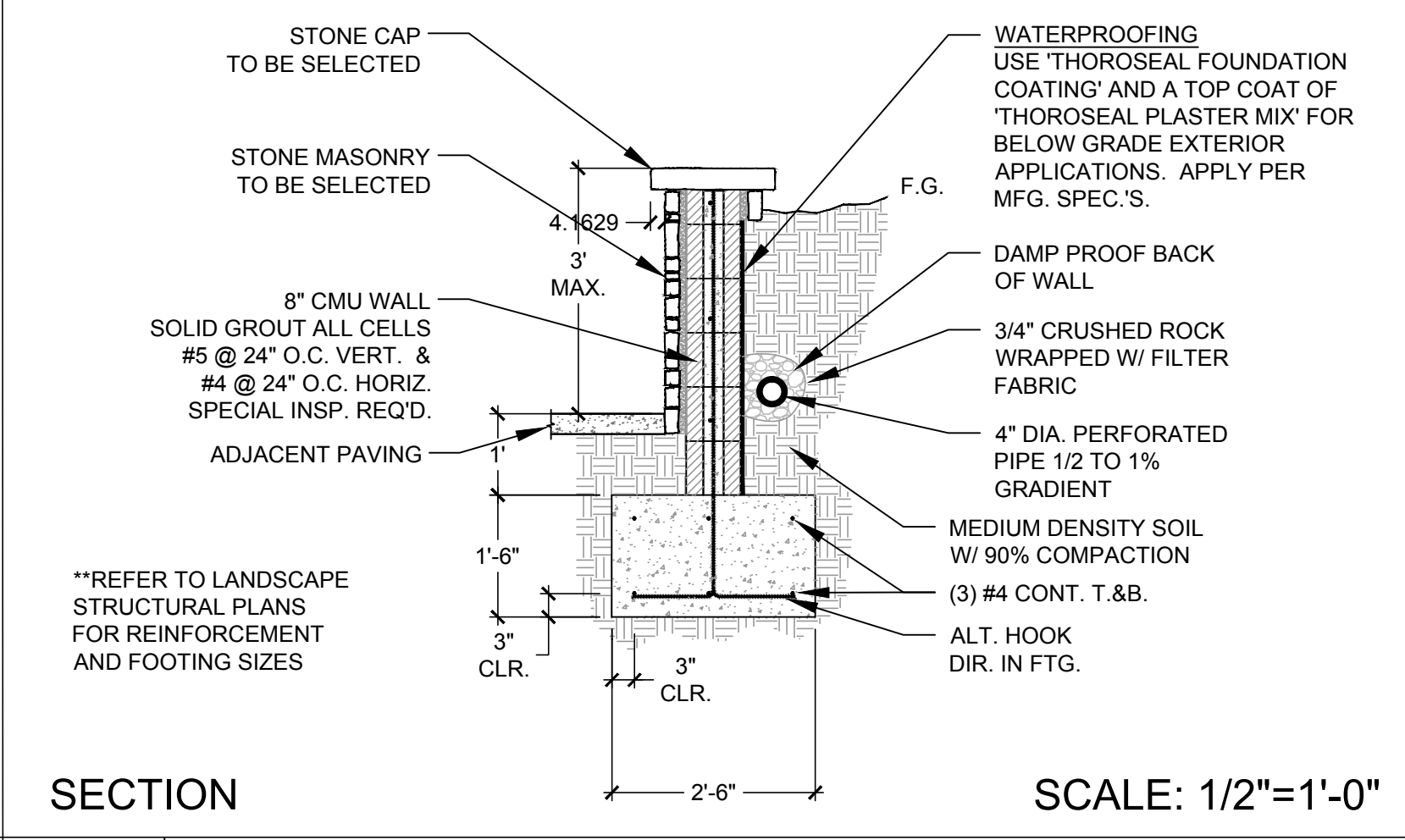
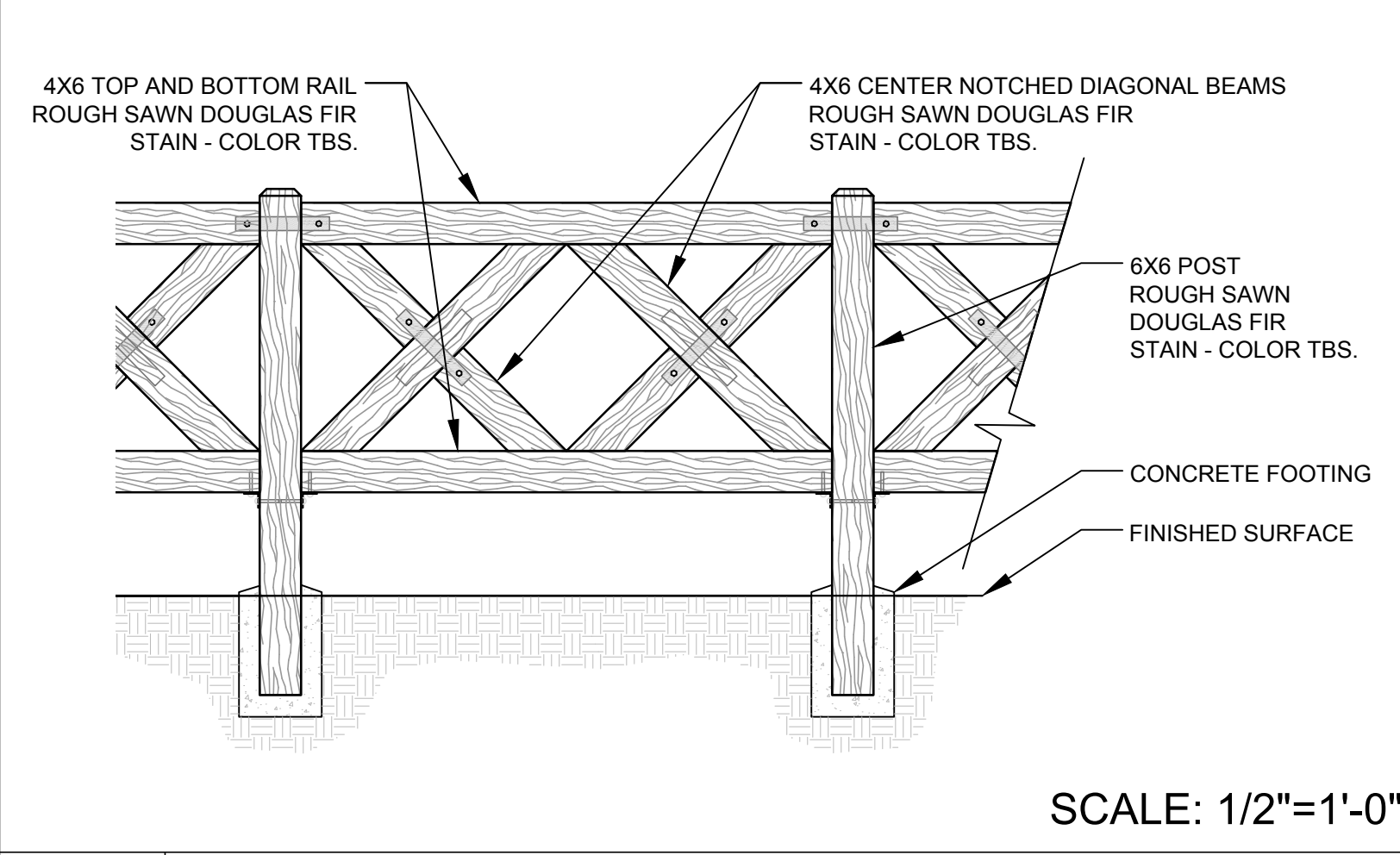
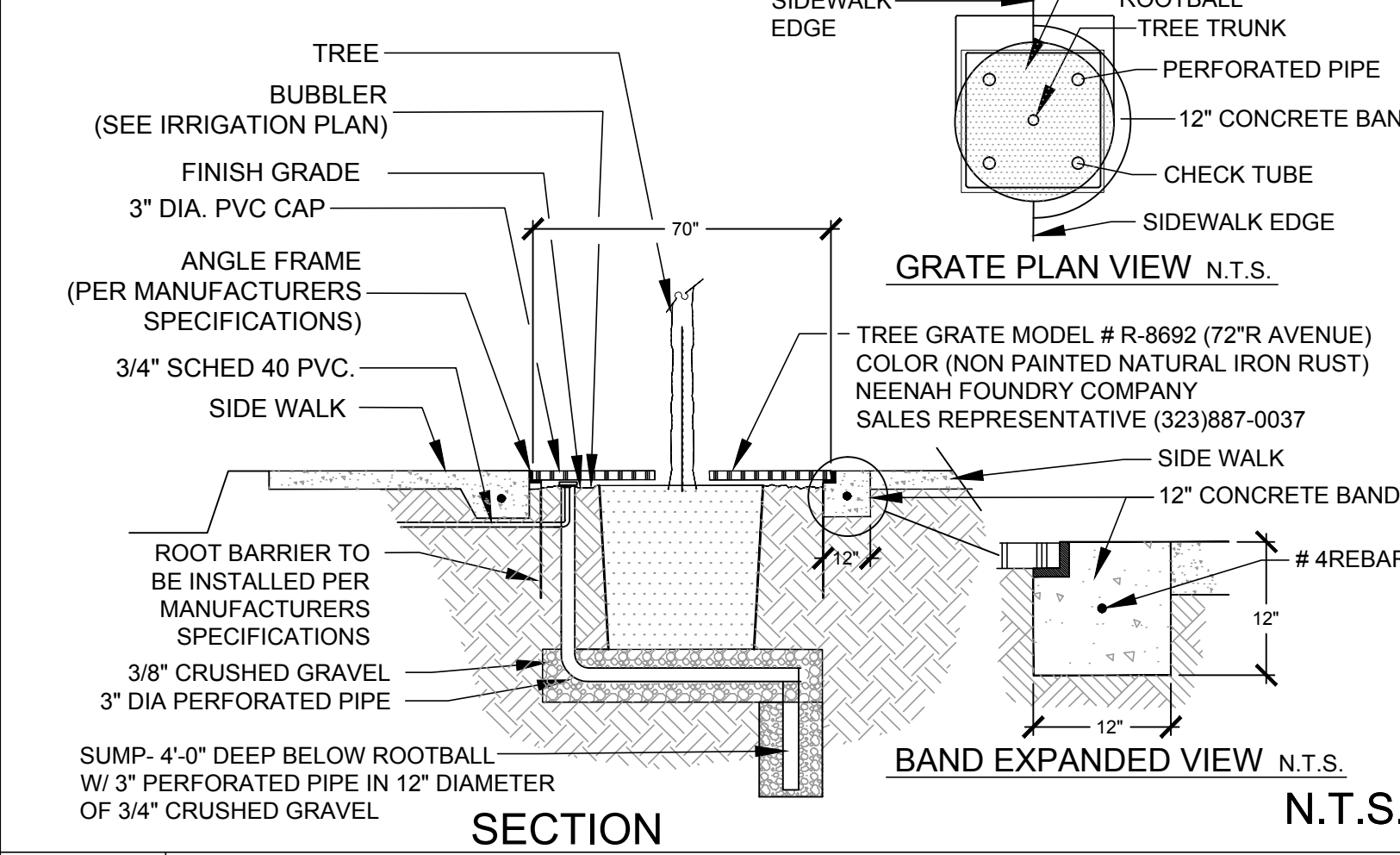
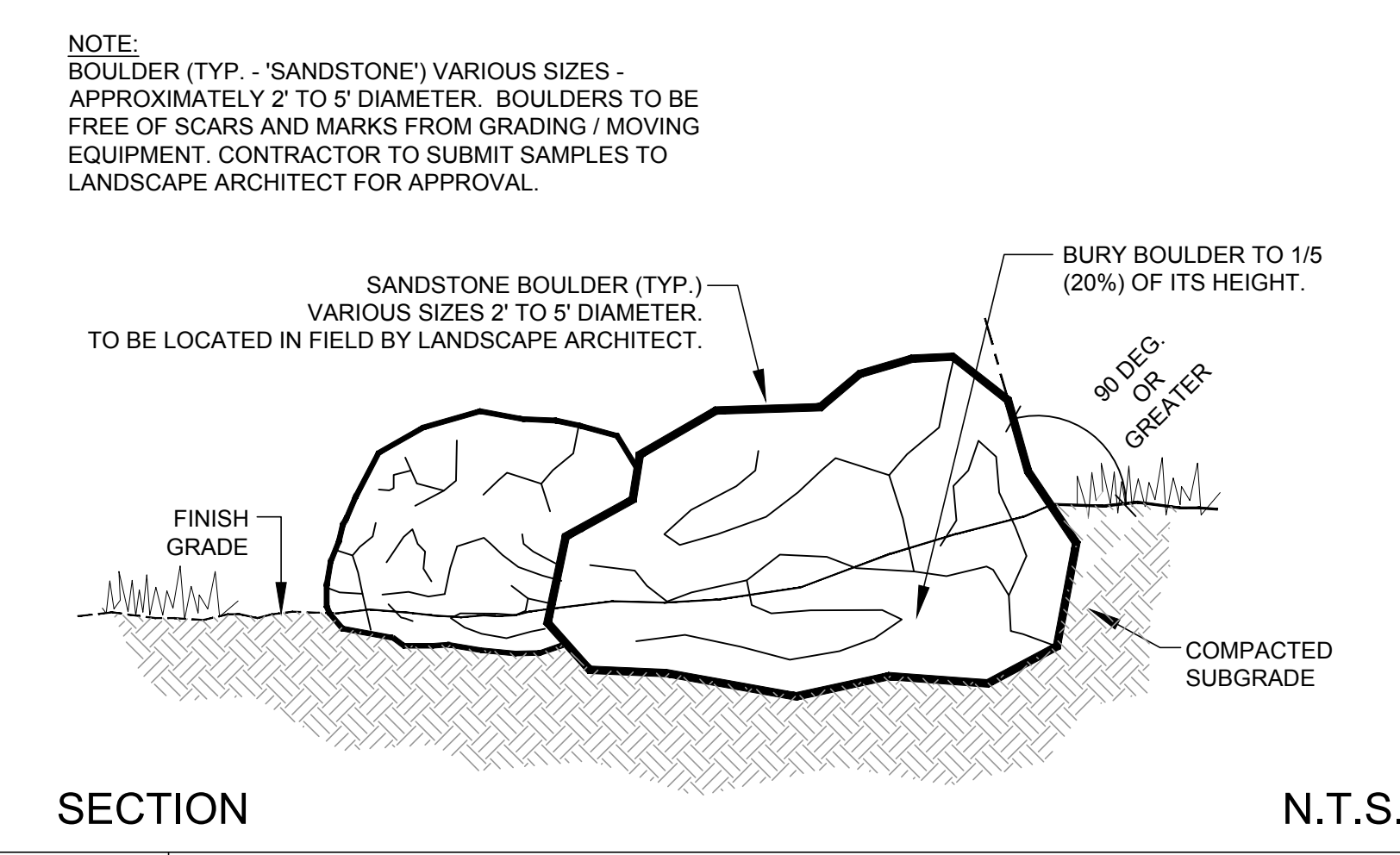


A FLAGSTONE PAVING PEDESTRIAN WALKWAYS

B COLORED CONCRETE PAVING AND BANDS AT PEDESTRIAN STREET CROSSINGS

C INTERLOCKING PAVERS VEHICULAR - ON CRUSHED AGGREGATE BASE

D FLAGSTONE PAVING MEDIANS

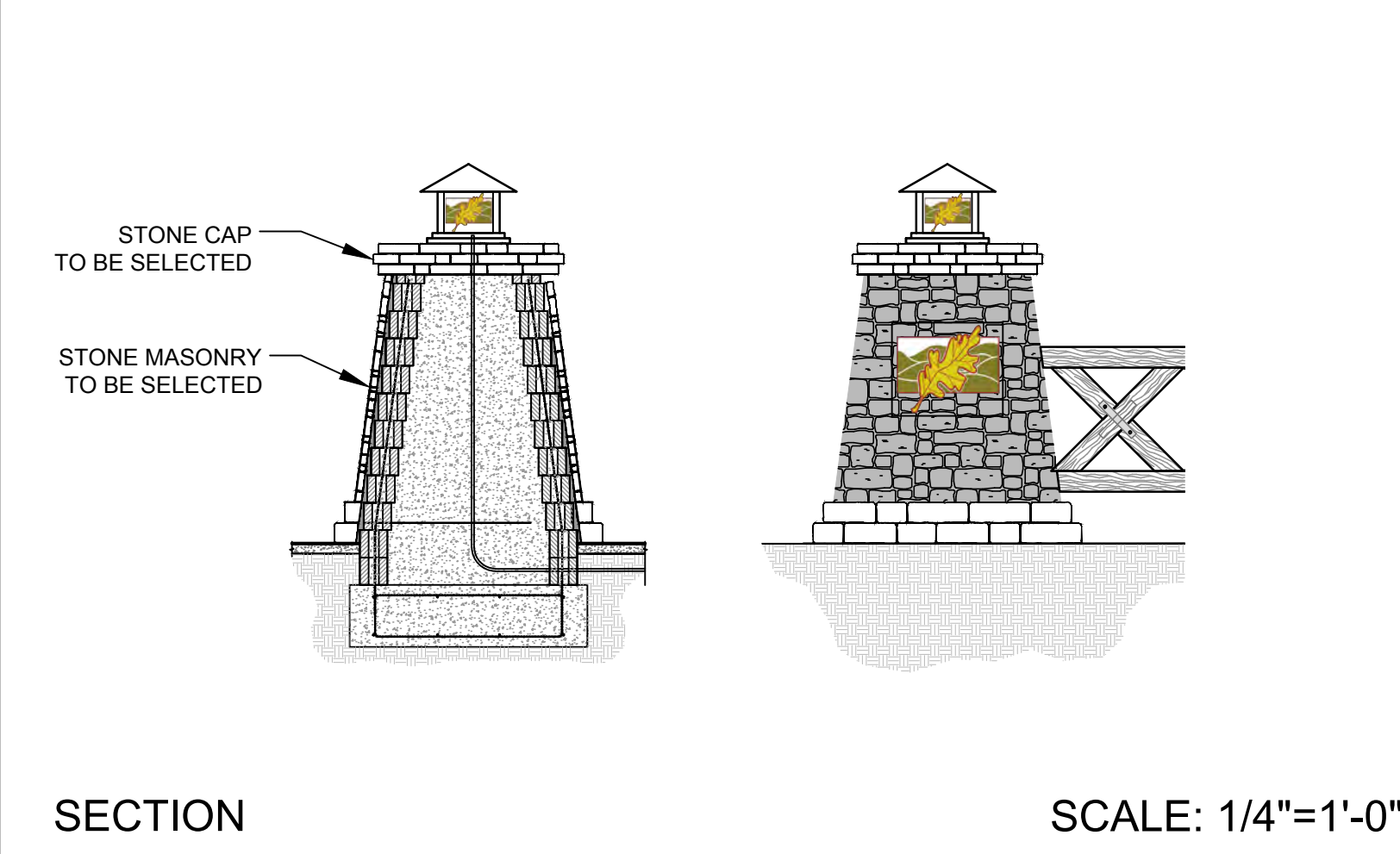
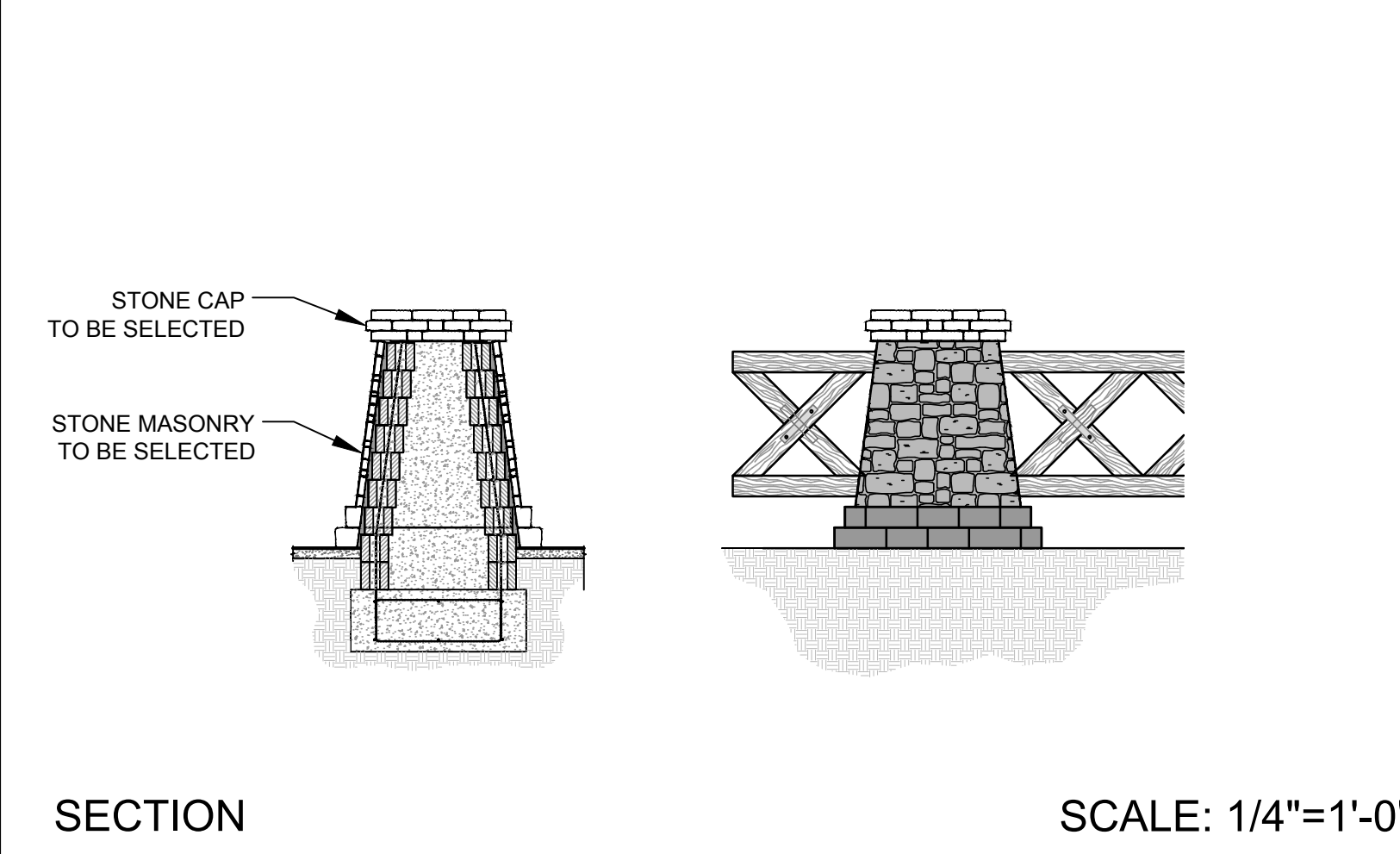
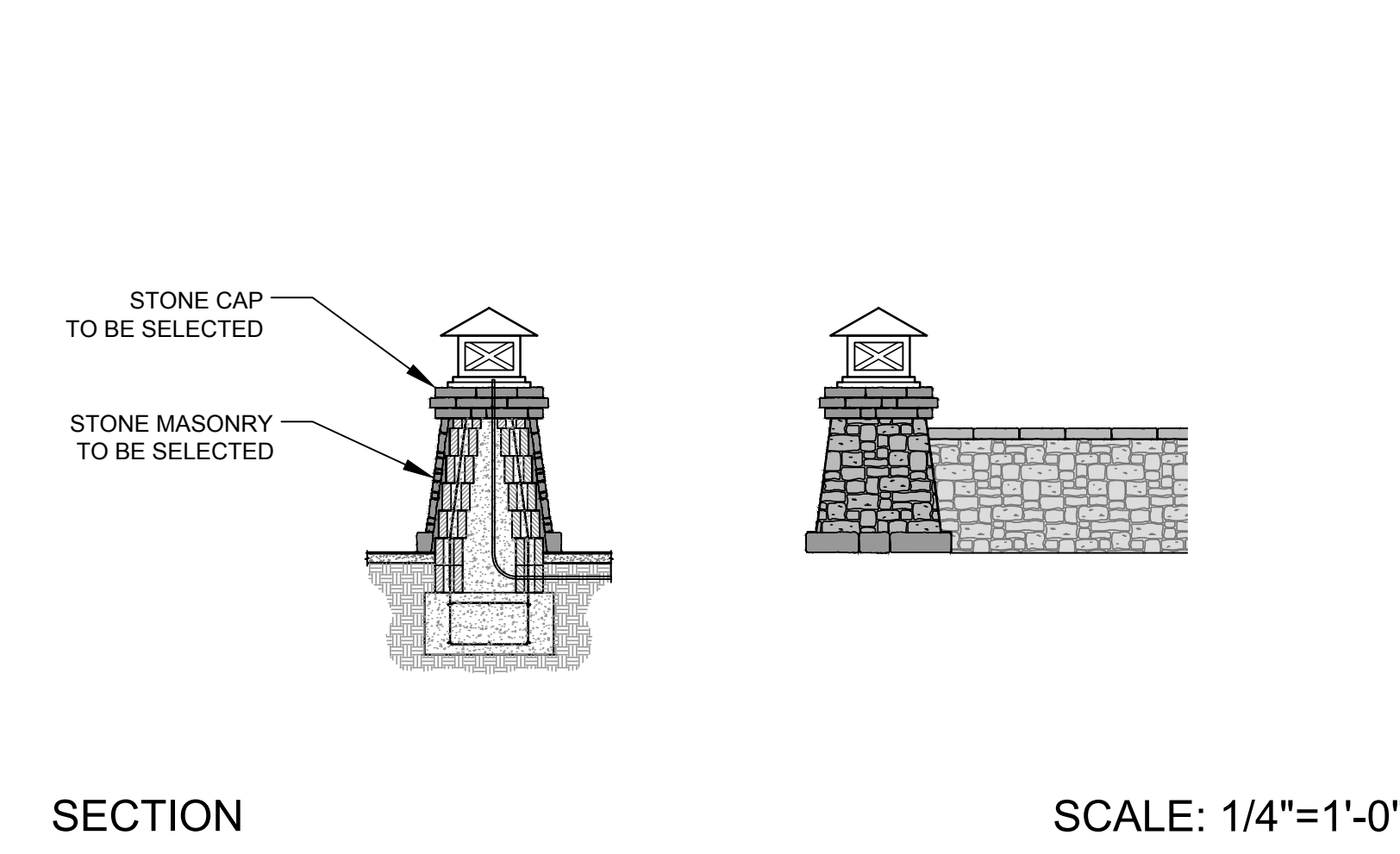


E BOULDERS

F TREE GRATE

G WOOD RAIL FENCE

H LOW STONE WALL W/ CAP



NOTES:
APPLY TO ALL PAVING

1. CONTRACTOR SHALL PROVIDE PRESATURATION UNDER ALL CONCRETE FOOTINGS AND PAVING DUE TO HIGHLY EXPANSIVE SOILS. 2-5 DAY PERIOD TO ACHIEVE SATURATION DEPTH PER SOILS ENGINEER REQUEST.

2. ALL CONSTRUCTION ITEMS REQUIRE SEPARATE CITY REVIEW, APPROVAL AND PERMIT.

3. ALL VEHICULAR CONCRETE TO BE 3500 PSI. FOOTINGS ON STRUCTURES TO BE 3000 PSI. AND PEDESTRIAL CONCRETE TO BE 2500 PSI UNLESS NOTED OTHERWISE.

PREPARED BY:
L. Newman Design Group, Inc.
Landscape Architecture
Planning
Horticulture
Biological Restoration
31300 Via Colinas Suite 104 Westlake Village, CA 91362-3924
Phone: (818) 991-5056 Fax: (818) 991-3478
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I SMALL STONE PILASTER W/ CUSTOM LIGHT FIXTURE

J MEDIUM STONE PILASTER

K LARGE STONE PILASTER W/ CUSTOM LIGHT FIXTURE & CITY LOGO

65% SUBMITTAL

1		35%PS&E		08/04/15
2		65%PS&E		04/21/16
REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE

APPROVED BY:

Kimley»Horn

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660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017
Tel (213) 261-4040

ROBERT BOMBARDIER RLA 2464 xx/xx/xx DATE

APPROVED BY:

CHARMAINE YAMBAO 8/4/15 DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA 8/4/15 DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

REVIEWED BY:

CHARMAINE YAMBAO 8/4/15 DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA 8/4/15 DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF
AGOURA HILLS

PREPARED BY:
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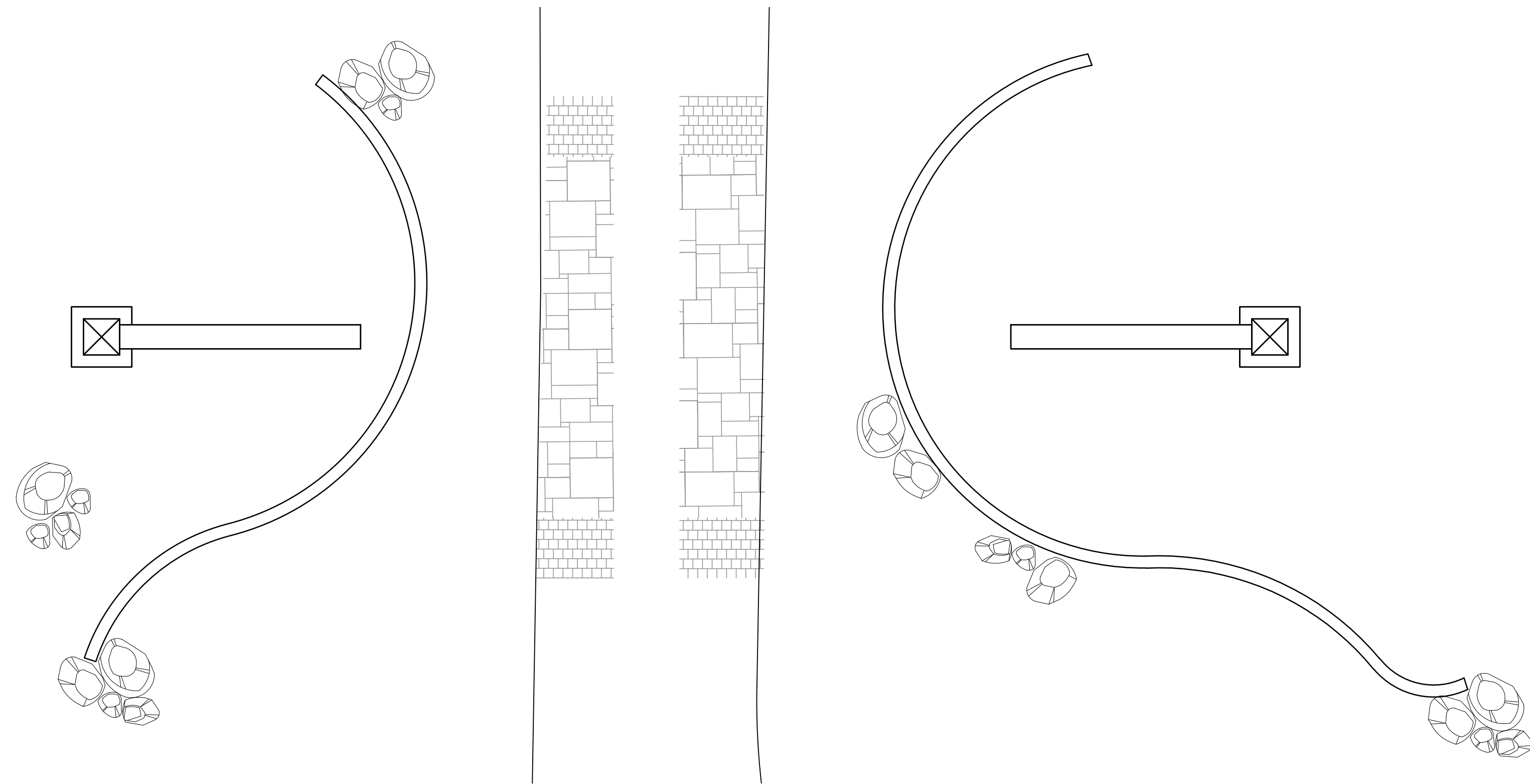
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KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

CONSTRUCTION DETAILS CD-1

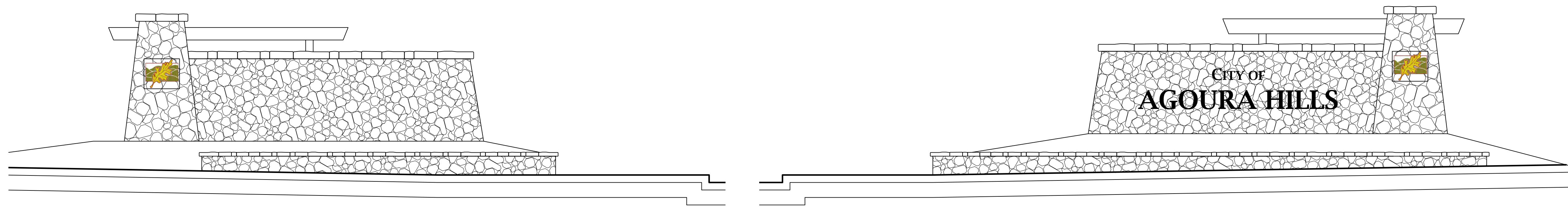
DESIGNED BY: BB
DRAWN BY: RK
CHECKED BY: XX
KHA JOB NUMBER: 099083026

SHEET 31 OF 35



PLAN

SCALE: 1/8"=1'-0"



ELEVATION

SCALE: 1/4"=1'-0"

SECTION

N.T.S.

A STONE ENTRY MONUMENT STRUCTURE

65% SUBMITTAL

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		35%PS&E		08/04/15
2		65%PS&E		04/21/16

APPROVED BY:

Kimley»Horn

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Tel (213) 261-4040

ROBERT BOMBARDIER RLA 2464 xx/xx/xx DATE



REVIEWED BY:

CHARMAINE YAMBAO 8/4/15 DATE
ASSOCIATE CIVIL ENGINEER

APPROVED BY:

RAMIRO ADEVA 8/4/15 DATE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER



PREPARED BY:

L. Newman Design Group, Inc.

- Landscape Architecture
- Planning
- Horticulture
- Biological Restoration

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■ Phone: (818) 991-5056 ■ Fax: (818) 991-3478
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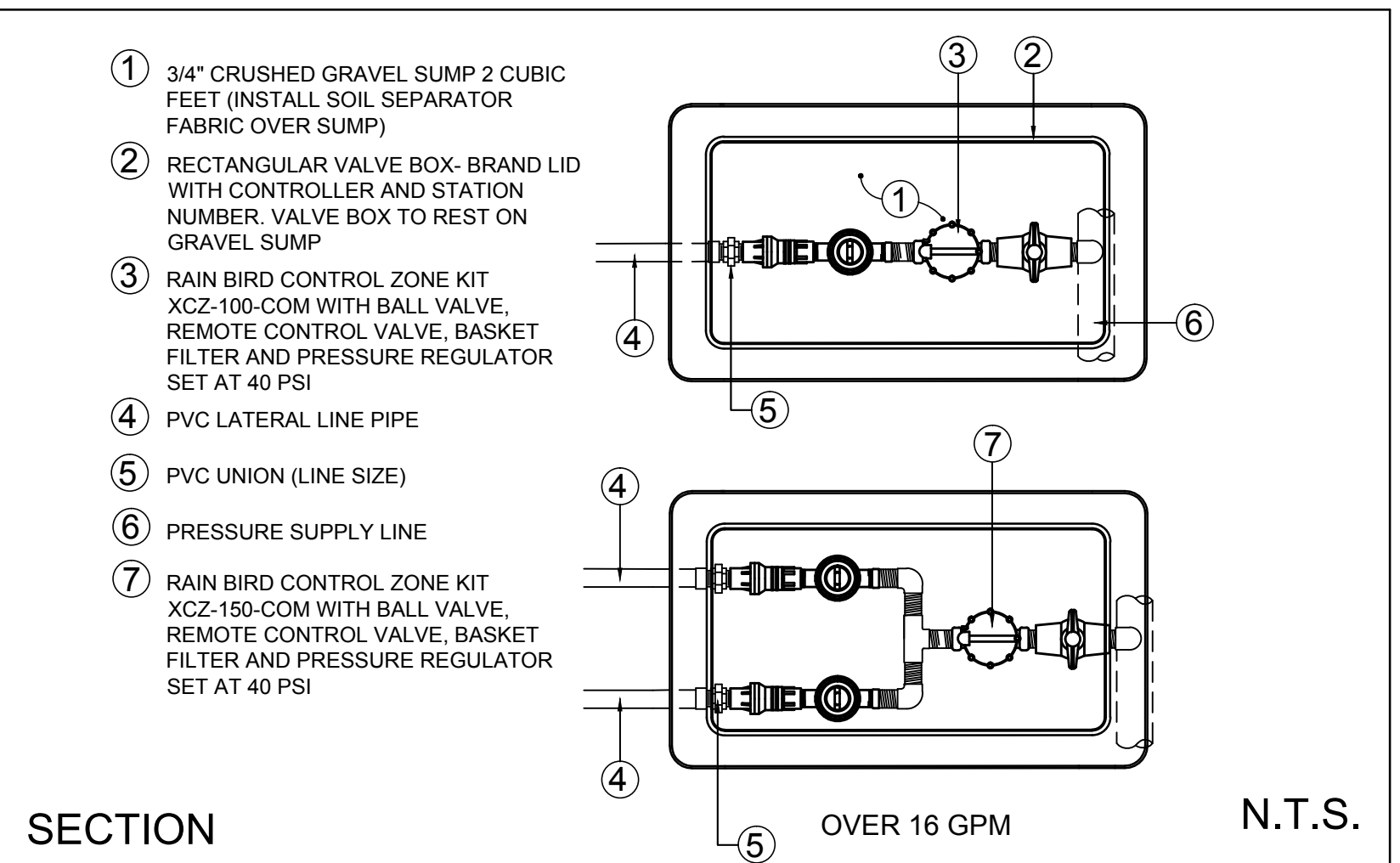
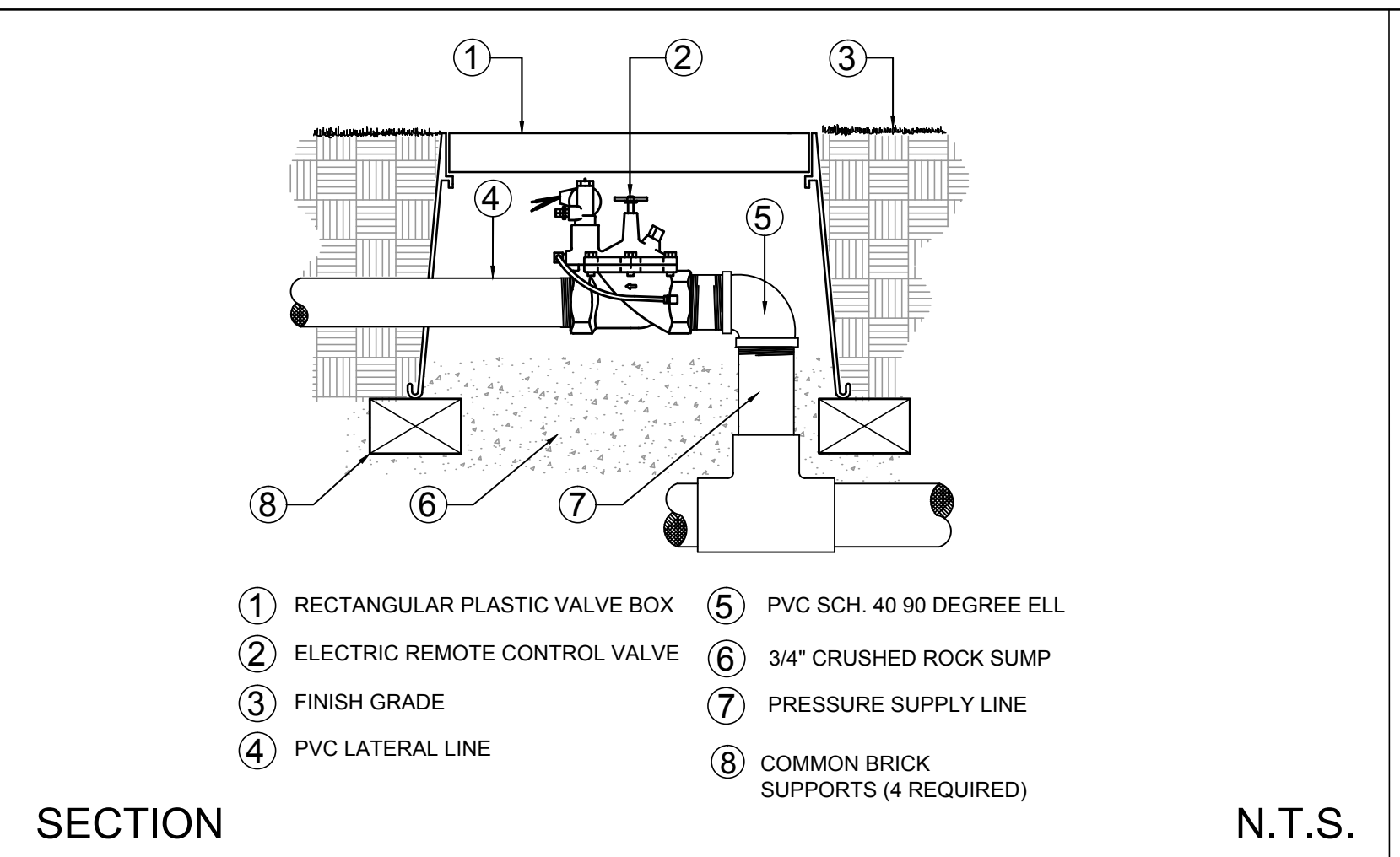
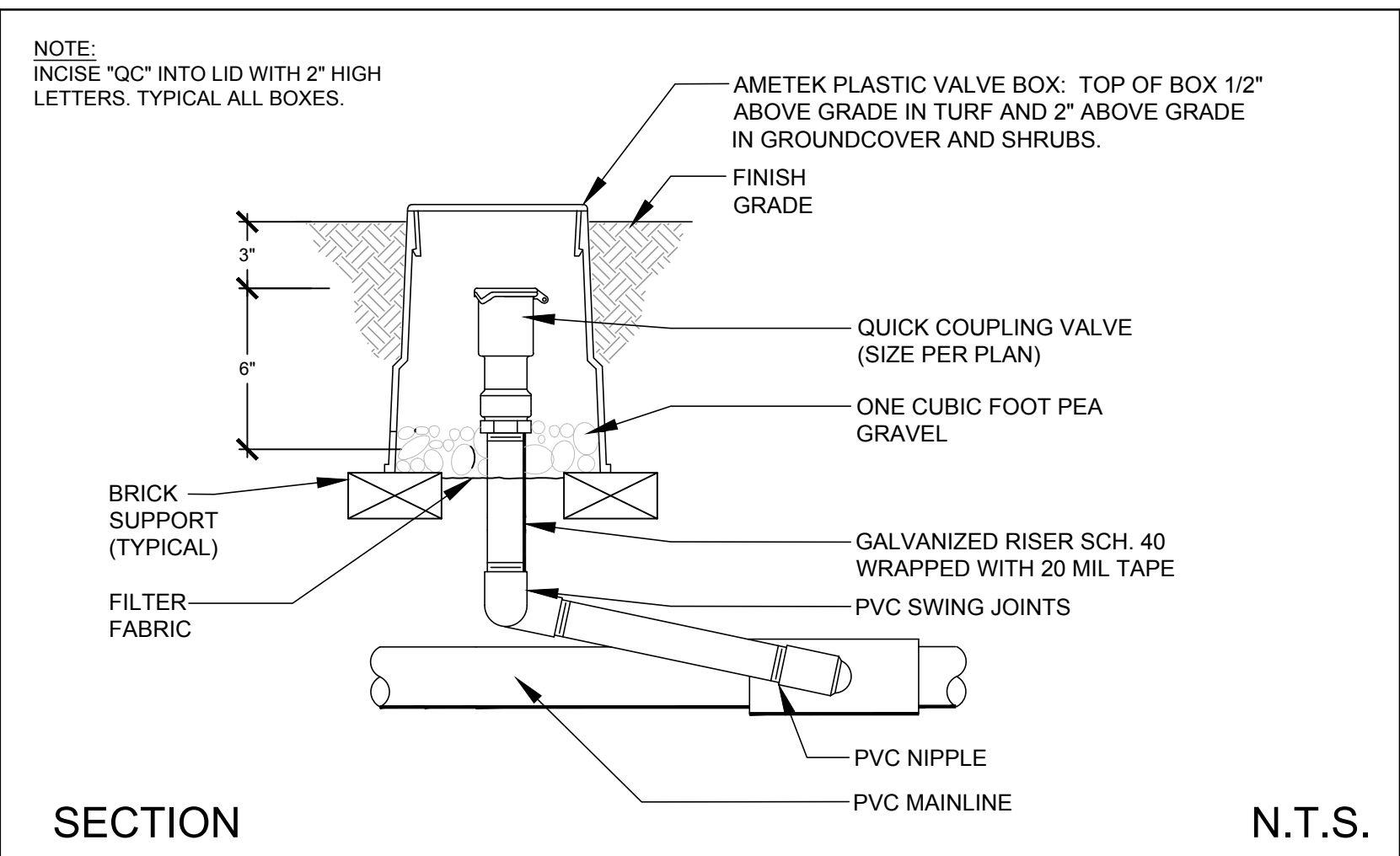
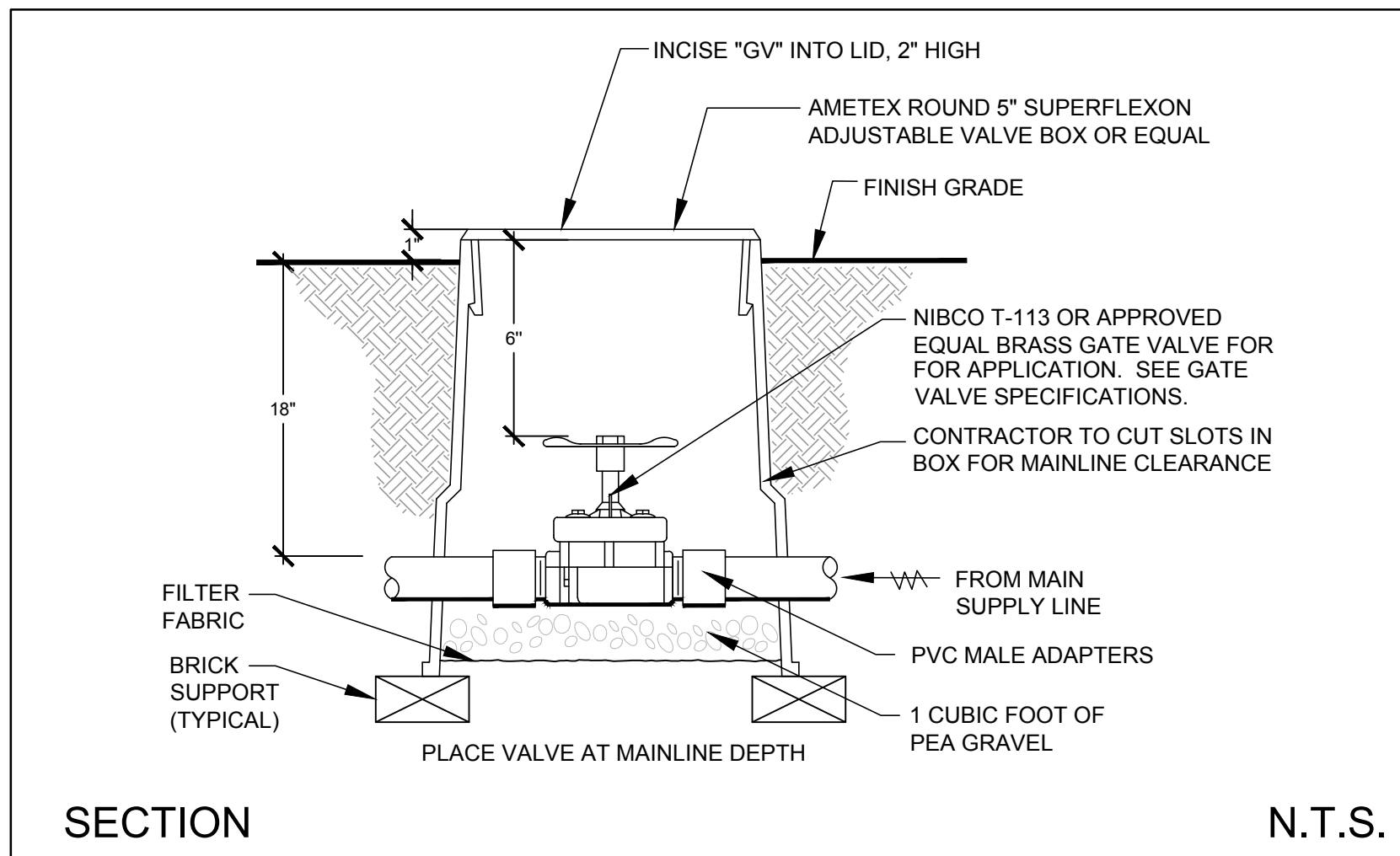
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KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

CONSTRUCTION DETAILS CD-3

DESIGNED BY: BB DRAWN BY: RK CHECKED BY: XX KHA JOB NUMBER: 099083026

SHEET 33 OF 35

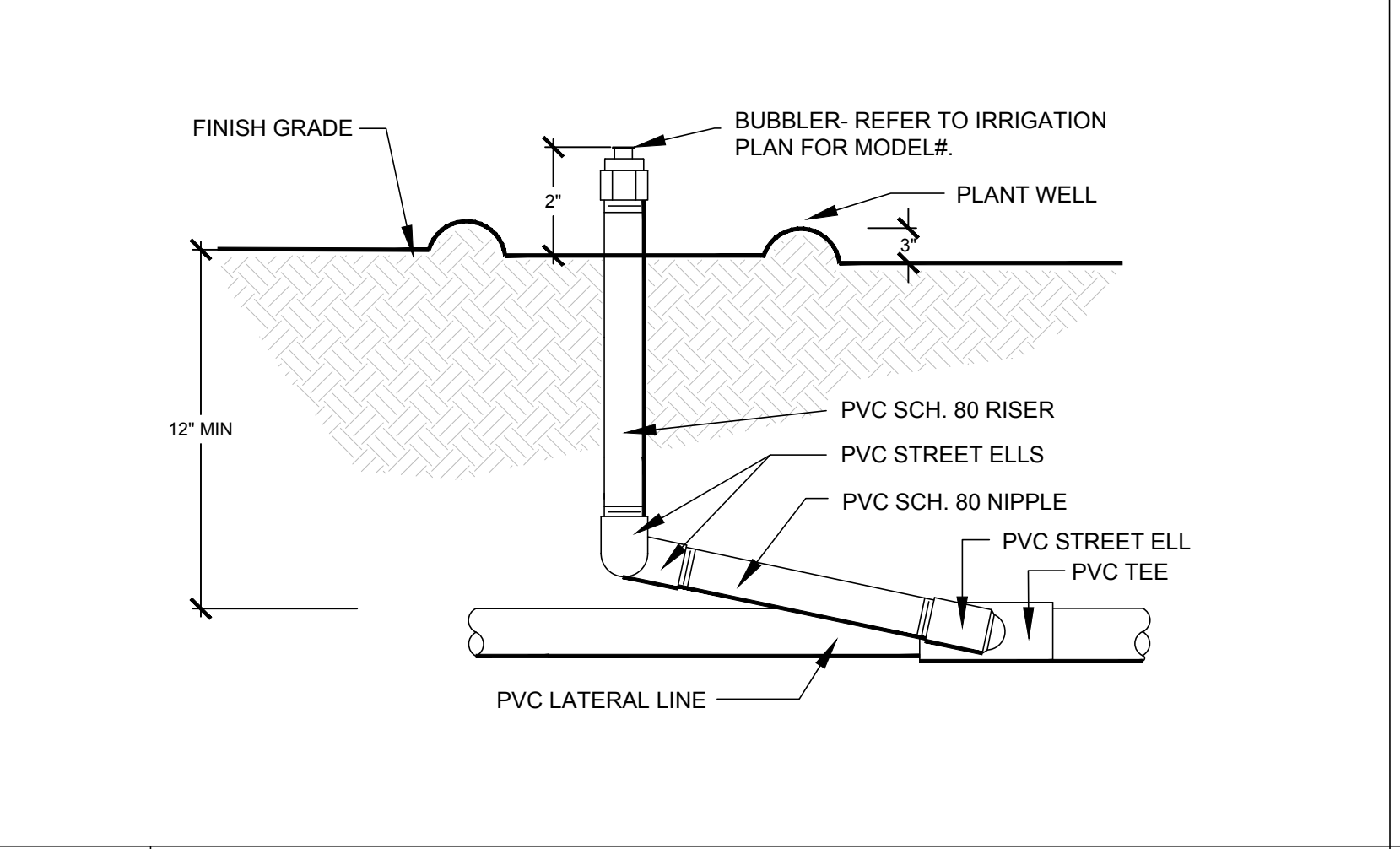
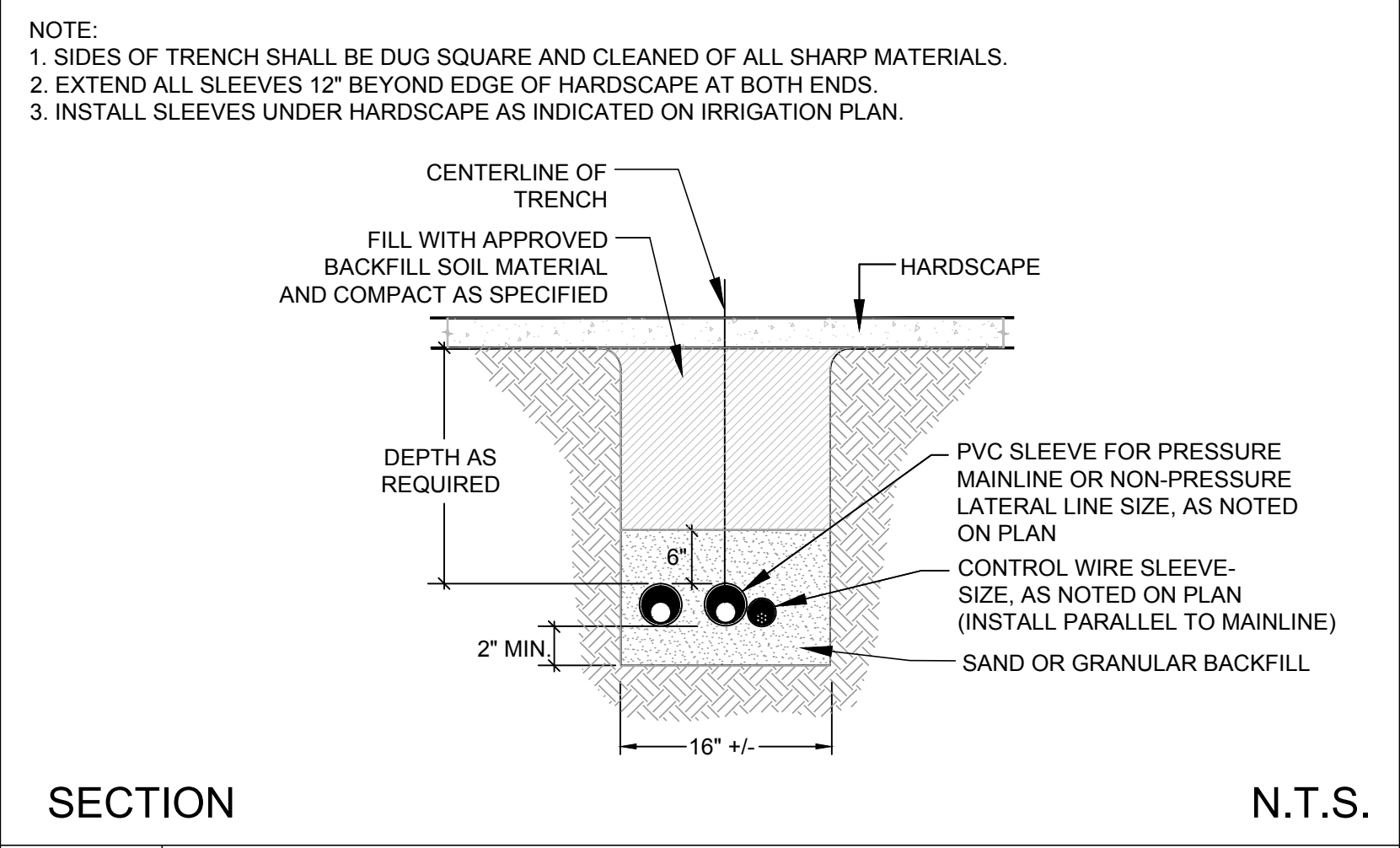
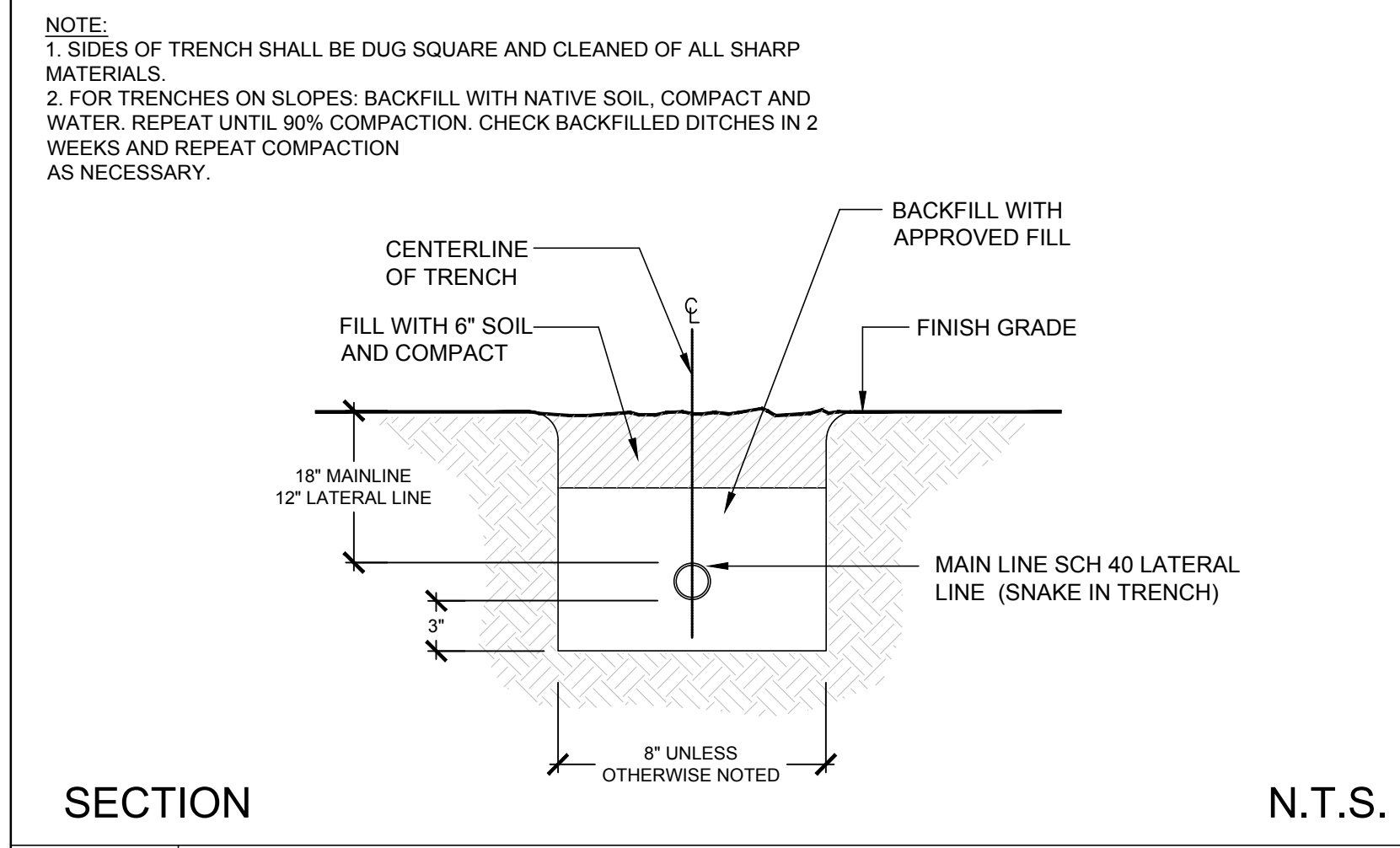


A GATE VALVE N.T.S.

B QUICK COUPLER VALVE N.T.S.

C REMOTE VALVE N.T.S.

D 1\"/>

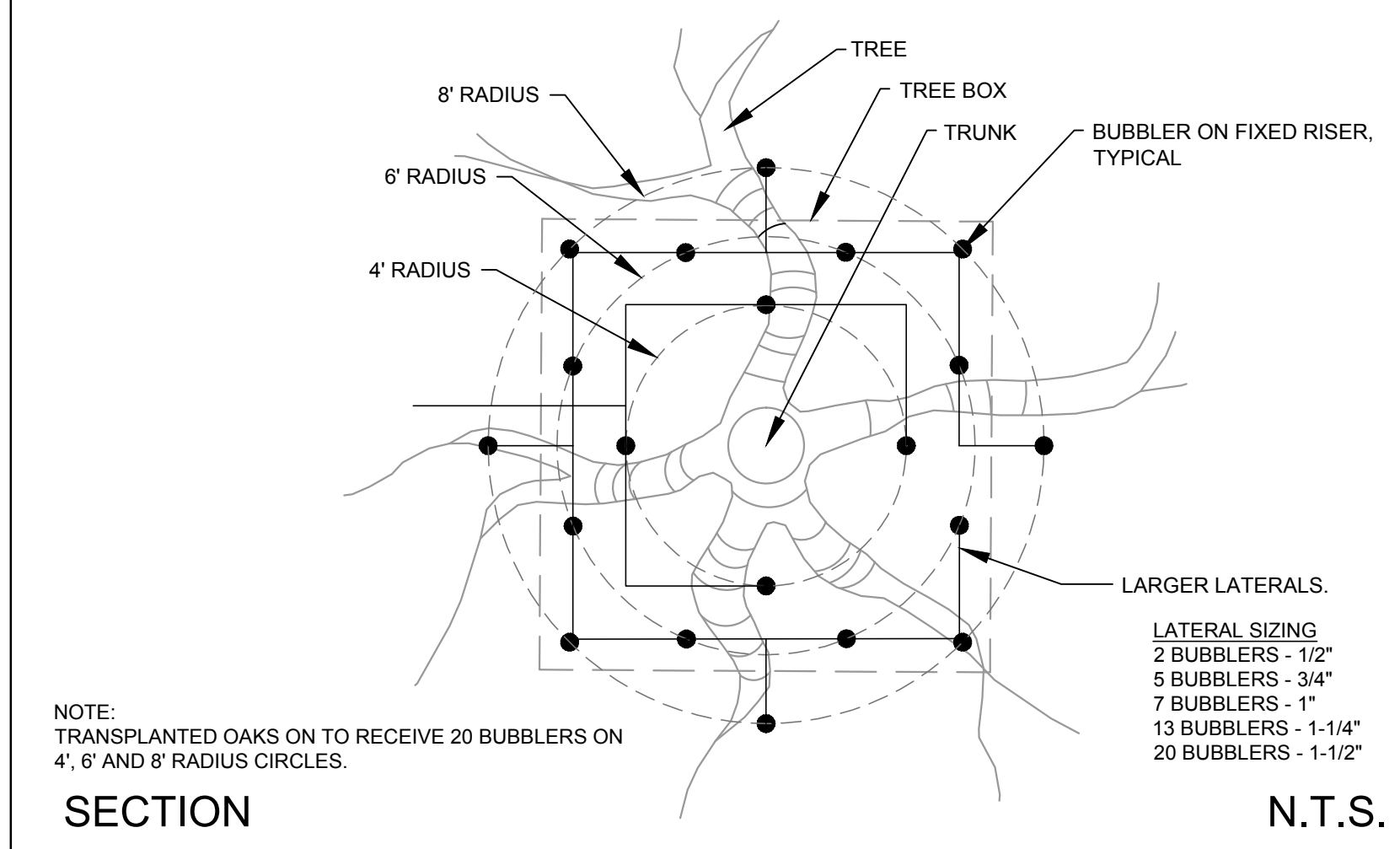


H N.T.S.

E TRENCHING LATERAL / MAINLINE N.T.S.

F SLEEVING MAINLINE, LATERAL & ELECTRICAL N.T.S.

G BUBBLER N.T.S.



J N.T.S.

K N.T.S.

I SPECIMEN TREE N.T.S.

65% SUBMITTAL

REV	SYMBOL	DESCRIPTION OF CHANGE	RCE	DATE
1		35%PS&E		08/04/15
2		65%PS&E		04/21/16

APPROVED BY:

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Tel (213) 261-4040

ROBERT BOMBARDIER RLA 2464

REVIEWED BY:

CHARMAINE YAMBAO 8/4/15
ASSOCIATE CIVIL ENGINEER DATE

APPROVED BY:

RAMIRO ADEVA 8/4/15
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER DATE



PREPARED BY:

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KANAN ROAD/AGOURA ROAD
ULTIMATE INTERSECTION IMPROVEMENTS

CONSTRUCTION DETAILS CD-4

DESIGNED BY: BB
DRAWN BY: RK
CHECKED BY: XX

KHA JOB NUMBER: 099083026

SHEET 34 OF 35

