

WARNING: ALL INDIVIDUALS INTERESTED IN BIDDING ON THIS PROJECT MUST OBTAIN THE FINAL PLANS AND SPECIFICATIONS FROM THE DEPARTMENT MANAGING THE PROJECT OR AS OTHERWISE STATED IN THE ADVERTISEMENT FOR BIDS FOR THE PROJECT. DO NOT USE THE PLANS AND SPECIFICATIONS POSTED ON THE CLERK OF THE BOARD'S WEBSITE FOR BIDDING ON THIS PROJECT.

SAN BERNARDINO COUNTY

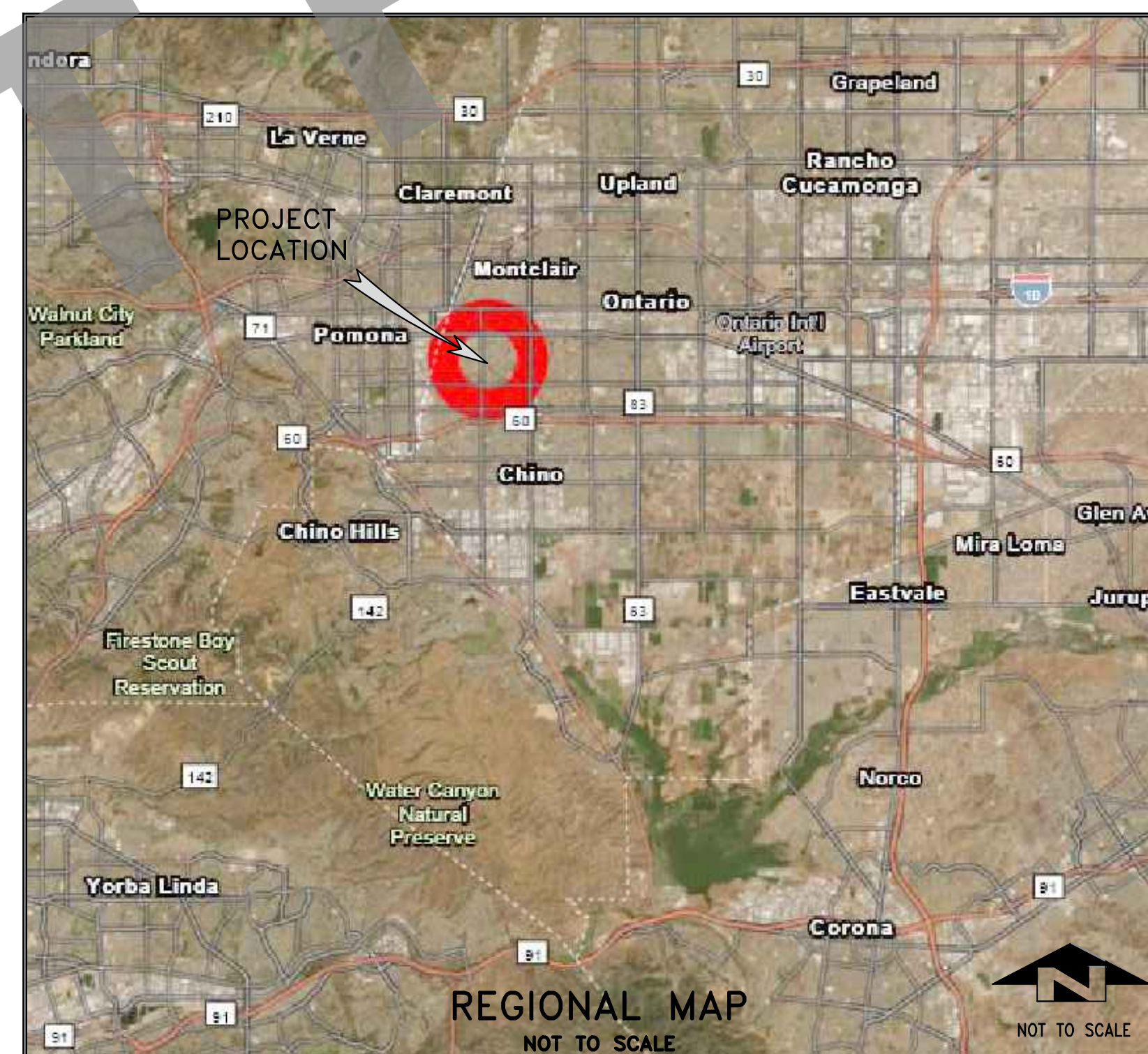
DEPARTMENT OF PUBLIC WORKS



TRANSPORTATION PLANS FOR CONSTRUCTION ON ADA RAMPS IN THE CHINO/MONTCLAIR AREA WORK ORDER NO. H15061

COUNTY ROAD NO.	124225010	137150010	223850010	251000010	263100010	292100010	346050030
	375075010	389200010	395075010	426750020	471000010	476750010	493310030
	529825020	562350010	807500010	847200010	876375010		

CITY OF MONTCLAIR STREETS: ADA AVE. STATE ST. CLIFFWOOD DR. COLLEGE AVE. STAGECOACH AVE.



CITY OF MONTCLAIR

APPROVED BY: *M Heredia* June 6, 2023
 MONICA HEREDIA, P.E., CITY ENGINEER R.C.E. 56547 DATE

SAN BERNARDINO COUNTY

APPROVED BY: *Brendon P. Biggs* 7/7/2023
 BRENDON P. BIGGS, M.S., P.E., DIRECTOR OF PUBLIC WORKS R.C.E. 57127 DATE

APPROVED BY: *Noel Castillo* 7/7/23
 NOEL CASTILLO, P.E., ASSISTANT DIRECTOR OF PUBLIC WORKS R.C.E. 78044 DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		
FIELD CHANGES			TOT. SH'T'S
		SHT. NO.	12
		1	

SHEET INDEX

- SHEET DESCRIPTION**
 1 COVER SHEET
 2 CONSTRUCTION NOTES, LEGENDS, INDEX MAPS AND DETAILS
 3-12 PLAN AND PROFILE SHEETS

*THE FOLLOWING COUNTY STANDARDS AND SPECIAL DRAWINGS ARE ATTACHED TO THE SPECIAL PROVISIONS:
 109 (MODIFIED) 115 (MODIFIED) 116 119
 303A 303B SPEC DWG 1

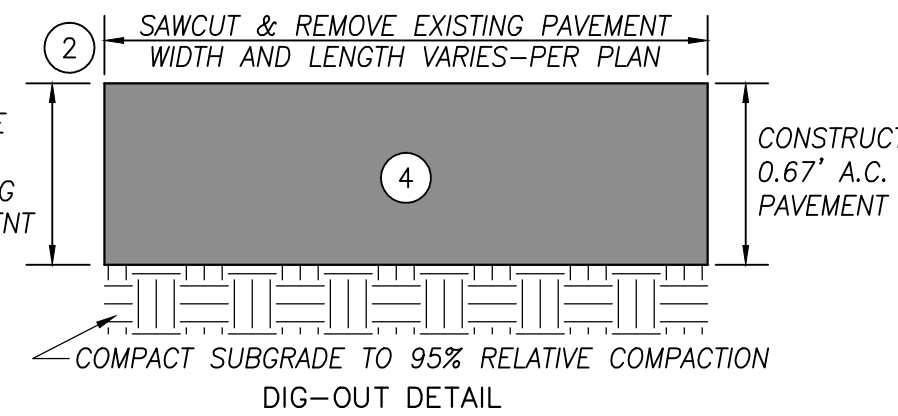
*TO BE SUPPLEMENTED BY THE FOLLOWING 2018 CALTRANS STANDARD PLANS:
 A24E, A24F, A88A, A88B
 T9, T13, T30, T31, T32, T33, T34

*TO BE SUPPLEMENTED BY THE FOLLOWING 2014 CA MUTCD STANDARD AND GUIDANCE:
 FIGURE 2A-2(CA)
 FIGURES 6H-28 & 6H-29, SECTIONS 6D.01 & 6D.02

*TO BE SUPPLEMENTED BY THE FOLLOWING 2021 STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC):
 112-2

*TO BE SUPPLEMENTED BY THE FOLLOWING CITY OF MONTCLAIR STANDARD PLAN:
 A-8

*THESE STANDARDS MAY BE MODIFIED AS DIRECTED BY THE COUNTY REPRESENTATIVE. CONTRACTOR SHALL CONSULT WITH THE COUNTY ENGINEER, AND RECEIVE APPROVAL, PRIOR TO CONSTRUCTION.



THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTIES, THAT THESE REQUIREMENTS SHALL BE APPLIED CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND PROTECT THE DESIGN PROFESSIONAL AGAINST ALL REAL OR ALLEGED CLAIMS IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITIES ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL. UNAUTHORIZED CHANGES AND USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USE OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

NOTICE TO THE CONTRACTOR REGARDING LICENSE REQUIREMENTS:

THE PRIME CONTRACTOR FOR THIS PROJECT SHALL HAVE A VALID CLASS "A" CALIFORNIA CONTRACTOR'S LICENSE PRIOR TO CONTRACT AWARD

BASIS OF COORDINATES

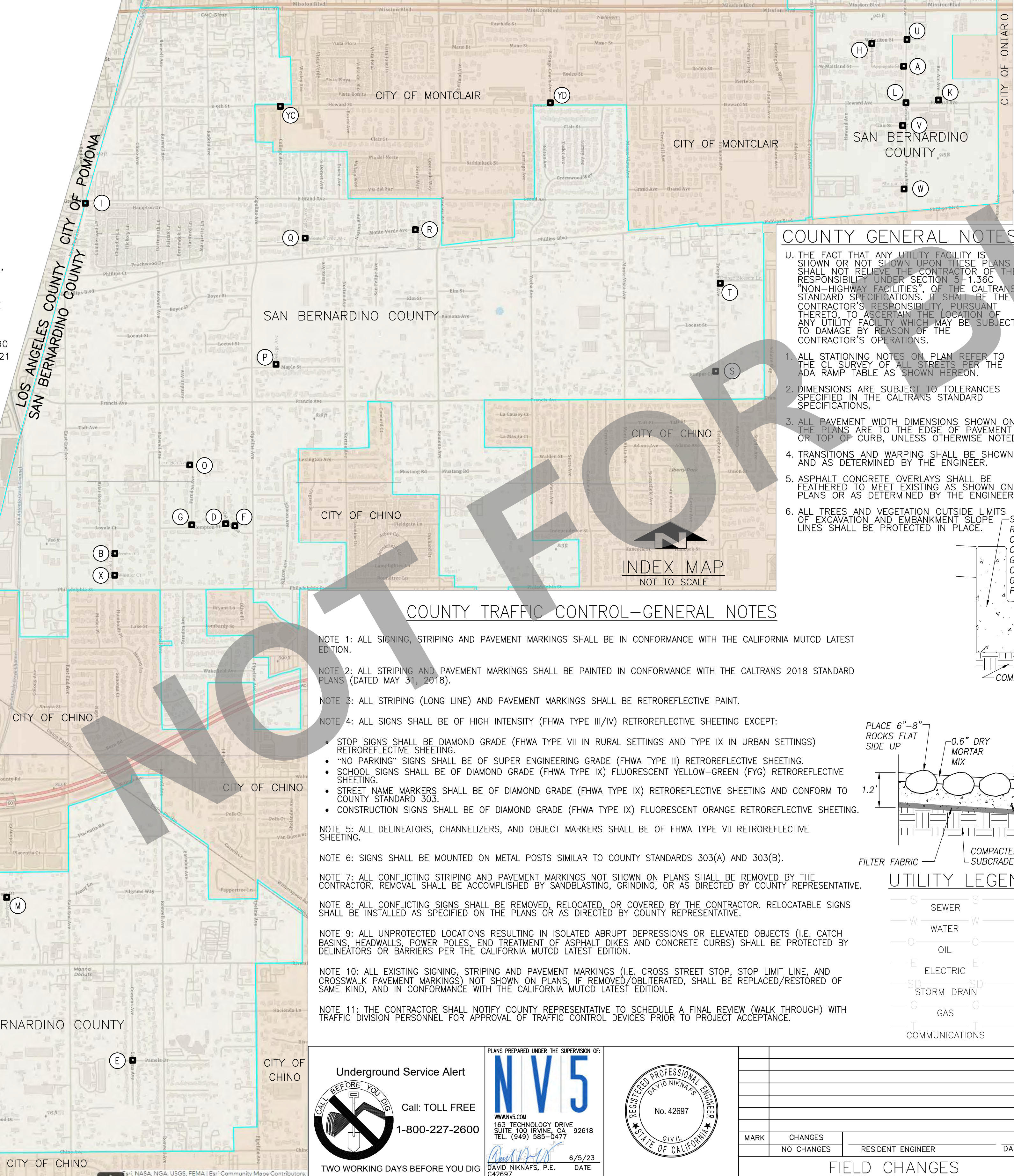
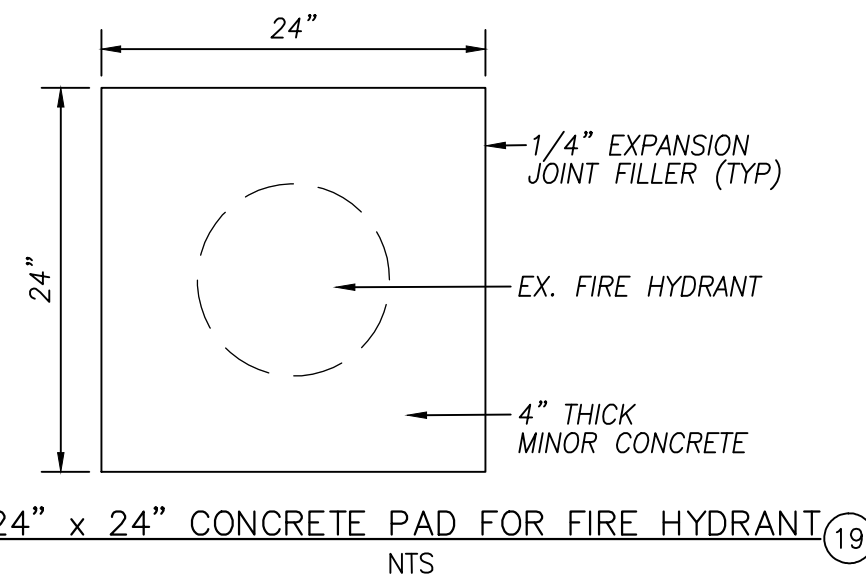
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 5, NORTH AMERICAN DATUM 1983 PROJECTED TO GROUND COORDINATES, CONSTRAINED TO "NGS" REFERENCE STATION(S) "FRANCIS" (PID EV3797) AND "COVINA K 9" (PID EV3829), ON THE 1991.35 EPOCH. THE PUBLISHED COORDINATE VALUES FOR THOSE STATIONS ARE BELOW:

"FRANCIS" NORTHING: 1837481.053 EASTING: 6667410.325
 "COVINA K 9" NORTHING: 1835843.990 EASTING: 6620291.921

BENCHMARK

ELEVATIONS SHOWN HEREON ARE EXPRESSED IN US SURVEY FEET AND BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE DERIVED FROM GPS OBSERVATIONS MADE AT NATIONAL GEODETIC SURVEY (NGS) BENCHMARK STAMPED: "YLF 107" (PID AB8597) LOCATED WEST OF THE INTERSECTION OF PHILIPS BLVD AND S. WHITE AVE IN POMONA, CA.

THE PUBLISHED ELEVATION FOR BENCHMARK "YLF 107" IS 804.49 SFT.



COUNTY GENERAL NOTES

- U. THE FACT THAT ANY UTILITY FACILITY IS SHOWN OR NOT SHOWN UPON THESE PLANS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY UNDER SECTION 5-1.36C "NON-HIGHWAY FACILITIES" OF THE CALTRANS STANDARD SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY PURSUANT THERETO TO ASCERTAIN THE LOCATION OF ANY UTILITY FACILITY WHICH MAY BE SUBJECT TO DAMAGE BY REASON OF THE CONTRACTOR'S OPERATIONS.
1. ALL STATIONING NOTES ON PLAN REFER TO THE CL SURVEY OF ALL STREETS PER THE ADA RAMP TABLE AS SHOWN HEREON.
2. DIMENSIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE CALTRANS STANDARD SPECIFICATIONS.
3. ALL PAVEMENT WIDTH DIMENSIONS SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT OR TOP OF CURB, UNLESS OTHERWISE NOTED.
4. TRANSITIONS AND WARPING SHALL BE SHOWN AND AS DETERMINED BY THE ENGINEER.
5. ASPHALT CONCRETE OVERLAYS SHALL BE FEATHERED TO MEET EXISTING AS SHOWN ON PLANS OR AS DETERMINED BY THE ENGINEER.
6. ALL TREES AND VEGETATION OUTSIDE LIMITS OF EXCAVATION AND EMBANKMENT SLOPE LINES SHALL BE PROTECTED IN PLACE.

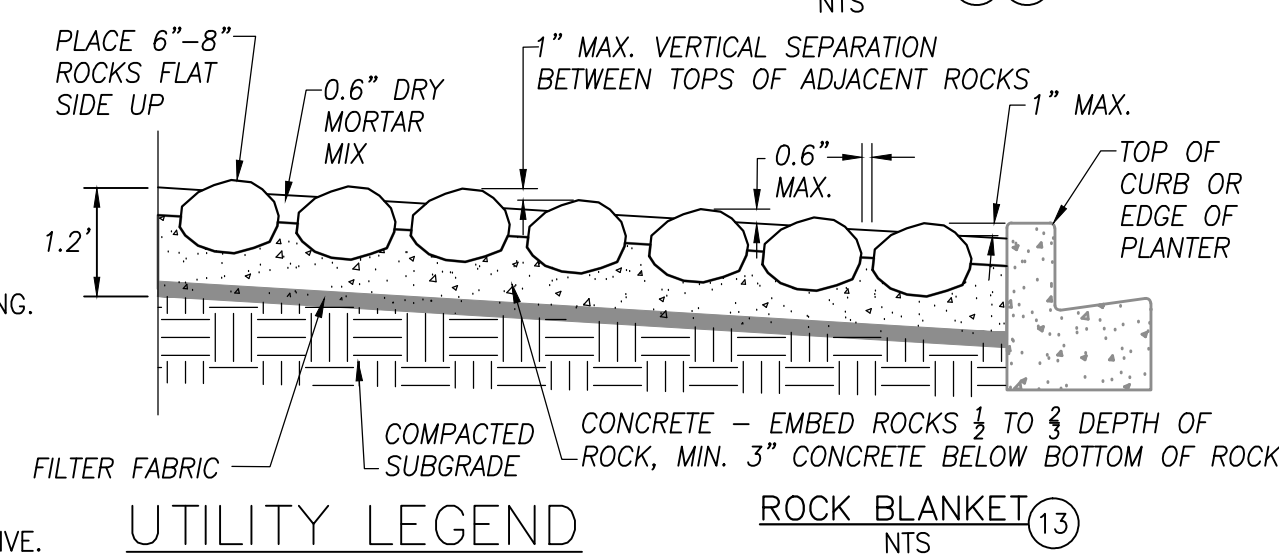
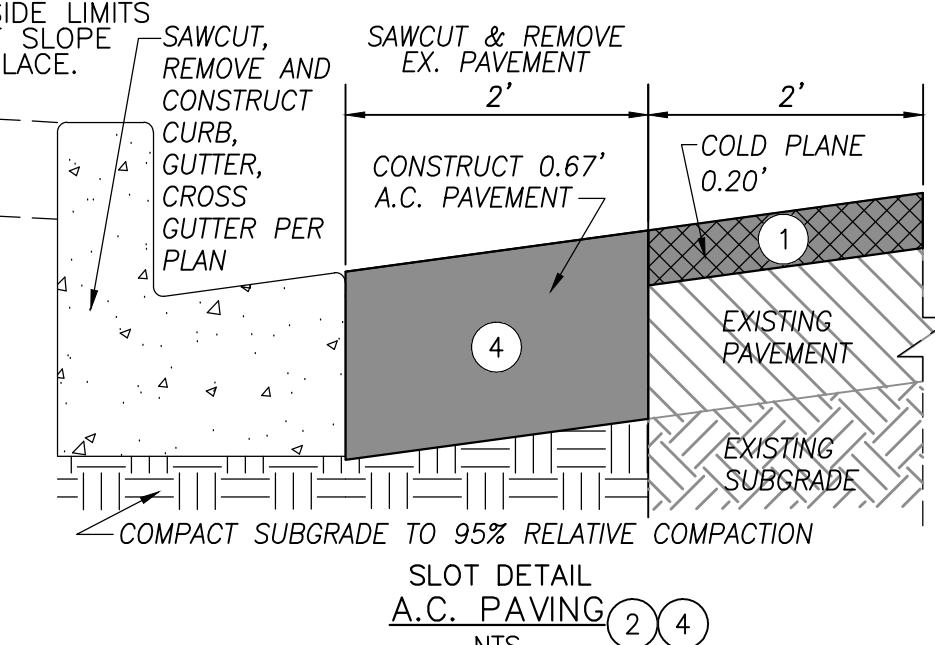
COUNTY TRAFFIC CONTROL-GENERAL NOTES

- NOTE 1: ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
- NOTE 2: ALL STRIPING AND PAVEMENT MARKINGS SHALL BE PAINTED IN CONFORMANCE WITH THE CALTRANS 2018 STANDARD PLANS (DATED MAY 31, 2018).
- NOTE 3: ALL STRIPING (LONG LINE) AND PAVEMENT MARKINGS SHALL BE RETROREFLECTIVE PAINT.
- NOTE 4: ALL SIGNS SHALL BE OF HIGH INTENSITY (FHWA TYPE II/IV) RETROREFLECTIVE SHEETING EXCEPT:
 - STOP SIGNS SHALL BE DIAMOND GRADE (FHWA TYPE VII IN RURAL SETTINGS AND TYPE IX IN URBAN SETTINGS) RETROREFLECTIVE SHEETING.
 - "NO PARKING" SIGNS SHALL BE OF SUPER ENGINEERING GRADE (FHWA TYPE II) RETROREFLECTIVE SHEETING.
 - SCHOOL SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT YELLOW-GREEN (FYG) RETROREFLECTIVE SHEETING.
 - STREET NAME MARKERS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) RETROREFLECTIVE SHEETING AND CONFORM TO COUNTY STANDARD 303.
 - CONSTRUCTION SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.
- NOTE 5: ALL DELINEATORS, CHANNELIZERS, AND OBJECT MARKERS SHALL BE OF FHWA TYPE VII RETROREFLECTIVE SHEETING.
- NOTE 6: SIGNS SHALL BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARDS 303(A) AND 303(B).
- NOTE 7: ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS NOT SHOWN ON PLANS SHALL BE REMOVED BY THE CONTRACTOR. REMOVAL SHALL BE ACCOMPLISHED BY SANDBLASTING, GRINDING, OR AS DIRECTED BY COUNTY REPRESENTATIVE.
- NOTE 8: ALL CONFLICTING SIGNS SHALL BE REMOVED, RELOCATED, OR COVERED BY THE CONTRACTOR. RELOCATABLE SIGNS SHALL BE INSTALLED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY COUNTY REPRESENTATIVE.
- NOTE 9: ALL UNPROTECTED LOCATIONS RESULTING IN ISOLATED ABRUPT DEPRESSIONS OR ELEVATED OBJECTS (I.E. CATCH BASINS, HEADWALLS, POWER POLES, END TREATMENT OF ASPHALT DIKES AND CONCRETE CURBS) SHALL BE PROTECTED BY DELINEATORS OR BARRIERS PER THE CALIFORNIA MUTCD LATEST EDITION.
- NOTE 10: ALL EXISTING SIGNING, STRIPING AND PAVEMENT MARKINGS (I.E. CROSS STREET STOP, STOP LIMIT LINE, AND CROSSWALK PAVEMENT MARKINGS) NOT SHOWN ON PLANS, IF REMOVED/OBLITERATED, SHALL BE REPLACED/RESTORED OF SAME KIND, AND IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
- NOTE 11: THE CONTRACTOR SHALL NOTIFY COUNTY REPRESENTATIVE TO SCHEDULE A FINAL REVIEW (WALK THROUGH) WITH TRAFFIC DIVISION PERSONNEL FOR APPROVAL OF TRAFFIC CONTROL DEVICES PRIOR TO PROJECT ACCEPTANCE.

ADA RAMP TABLE					
MAP LOCATION	SAN BERNARDINO COUNTY STREET LOCATION	QUADRANT	RAMP NO.	RAMP QTY.	SHEET
(A)	APPLEGATE STREET @ VERNON AVENUE	NW & SW	1 & 2	2	3
(B)	AVALON COURT @ HUMBOLDT AVENUE	NE & SE	3 & 4	2	3
(C)	CENTRAL PLACE @ W. STATE STREET	SE & SW	(5-NAP) & 6	1	3
(D)	COMPTON STREET @ DEL MAR AVENUE	NW & SW	7 & 8	2	4
(E)	COZZENS AVENUE @ PAMELA DRIVE	NE, NW, SE, SW	9, 10, 11, 12	4	4
(F)	DEL MAR AVENUE @ EASTERLY DRIVEWAY	NE & SE	13 & 14	2	5
(G)	FARNON AVENUE @ COMPTON STREET	NE & NW	15 & 16	2	5
(H)	GALA LANE @ CARLTON STREET	SE & SW	17 & 18	2	5
(I)	E. GRAND AVENUE @ S. EAST END AVENUE	SE	(19-NAP)	0	6
(J)	GROVE STREET @ ADA AVENUE	SE	20	1	6
(K)	HOWARD STREET @ BEL AIR AVENUE	NE & NW	21 & 22	2	6
(L)	HOWARD STREET @ VERNON AVENUE	NE, NW, SE, SW	23, 24, 25, 26	4	7
(M)	LA BRIDA AVENUE @ LA REATA DRIVE	SE & SW	27 & 28	2	7
(N)	LA REATA DRIVE @ MCKINLEY AVENUE	NE & SE	29 & 30	2	8
(O)	LEXINGTON AVENUE @ FARNON AVENUE	NW & SW	31 & 32	2	8
(P)	MAPLE STREET @ COLLEGE AVENUE	NE & NW	33 & 34	2	8
(Q)	MONTE VERDE AVENUE @ WESLEY AVENUE	NE & SE	35 & 36	2	9
(R)	MONTE VERDE AVENUE @ KIMBERLY AVENUE	NW & SW	37 & 38	2	9
(S)	TELEPHONE AVENUE @ JUNIPER COURT	NW	39	1	9
(T)	TELEPHONE AVENUE @ ORANGE BLOSSOM LANE	SE	40	1	9
(U)	VERNON AVENUE @ W. CARLTON STREET	NE, NW, SE, SW	41, 42, 43, 44	4	10
(V)	VERNON AVENUE @ CLAIR STREET	NW, SW	45 & 46	2	10
(W)	VERNON AVENUE @ MORGAN STREET	SW	47	1	11
(X)	WHITTIER COURT @ HUMBOLDT AVENUE	NE & SE	48 & 49	2	11
CITY OF MONTCLAIR STREET LOCATION					
(YA)	ADA AVENUE @ W. STATE STREET	SW	50	1	11
(YB)	CLIFFWOOD DRIVE @ ADA AVENUE	NW & SW	51 & 52	2	12
(YC)	COLLEGE AVENUE @ HOWARD STREET	SE & SW	(53-NAP & 54-NAP)	0	12
(YD)	STAGECOACH AVENUE @ HOWARD STREET	NE & NW	(55-NAP & 56-NAP)	0	12
				TOTAL: 50 RAMPS	

CONSTRUCTION NOTES

- UTILITIES TO BE RELOCATED AS NOTED ON PLANS. (SEE NOTE U. OF COUNTY GENERAL NOTES ON SHEET 2.)
- COLD PLANE (0.20" THICK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THICK) ASPHALT CONCRETE OVERLAY, 2" WIDE MINIMUM.
- SAW CUT & REMOVE (0.67" THICK) EXISTING ASPHALT CONCRETE, 2" WIDE MINIMUM PER DETAIL ON SHEET 2.
- SAW CUT & REMOVE EXISTING CONCRETE.
- PLACE 0.67" ASPHALT CONCRETE HMA (TYPE A, 3/4-INCH AGGREGATE GRADATION, PG 64-10PM) OVER COMPACTED NATIVE SOIL PER DETAIL ON SHEET 2.
- CONSTRUCT 6" CURB & GUTTER PER COUNTY STD. 116.
- CONSTRUCT 8" CURB & GUTTER PER COUNTY STD. 115.
- CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD. 119.
- CONSTRUCT RAMP PER CALTRANS RSP AB8A, CASE PER PLANS.
- PLACE 5'x3'D DETECTABLE WARNING SURFACE (DWS) PER CALTRANS RSP AB8A.
- CONSTRUCT CONCRETE SIDEWALK PER COUNTY STANDARD 109 (MODIFIED).
- CONSTRUCT 5' MIN. SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
- CONSTRUCT W=6" VARIABLE HEIGHT CONCRETE RETAINING CURB PER CALTRANS STANDARD AB8A & AB8B.
- CONSTRUCT LANDSCAPE ROCK BLANKET PER DETAIL ON SHEET 2.
- REMOVE & REPLACE EXIST. LOCAL DEPRESSION (TYPE A) PER COUNTY STD. 203B
- RESET ROADSIDE SIGN PER THE CALIFORNIA MUTCD 2014, FIGURES 2A-2(CA) AND COUNTY STANDARD PLANS 303a AND 303b.
- ADJUST TO GRADE EXISTING WATER VALVE.
- INSTALL 12" WIDE WHITE LIMIT LINE PER CALTRANS STD. PLAN NO. A24E.
- INSTALL CROSSWALK (TYPE/COLOR PER PLAN) PER CALTRANS STD. PLAN NO. A24F.
- CONSTRUCT 24" x 24" CONCRETE PAD PER DETAIL ON SHEET 2.
- PAINT CURB RED.
- INSTALL DETECTABLE WARNING PAVEMENT TYPE PER CITY OF MONTCLAIR STD. A-80 AND ADA-2, 12" SQUARE PAVEMENT (BY WASAU PAVING OR APPROVED EQUIVALENT).



UTILITY LEGEND

- SEWER
- WATER
- OIL
- ELECTRIC
- STORM DRAIN
- GAS
- COMMUNICATIONS

CONSTRUCTION LEGEND

- ASPHALT CONCRETE PAVEMENT
- ASPHALT CONCRETE COLD PLANE
- PORTLAND CEMENT CONCRETE
- ROCK BLANKET TREATMENT

DISPOSITION NOTES

- P PROTECT IN PLACE
- M MATCH/JOIN EXISTING

Underground Service Alert
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

PLANS PREPARED UNDER THE SUPERVISION OF:
NV5
 WWW.NV5.COM
 163 TECHNOLOGY DRIVE SUITE 100 IRVINE, CA 92618
 TEL: (949) 485-1177
 6/5/23
 DAVID NIKNAMES, P.E.
 CIVIL ENGINEER
 STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
 No. 42697
 CIVIL
 STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

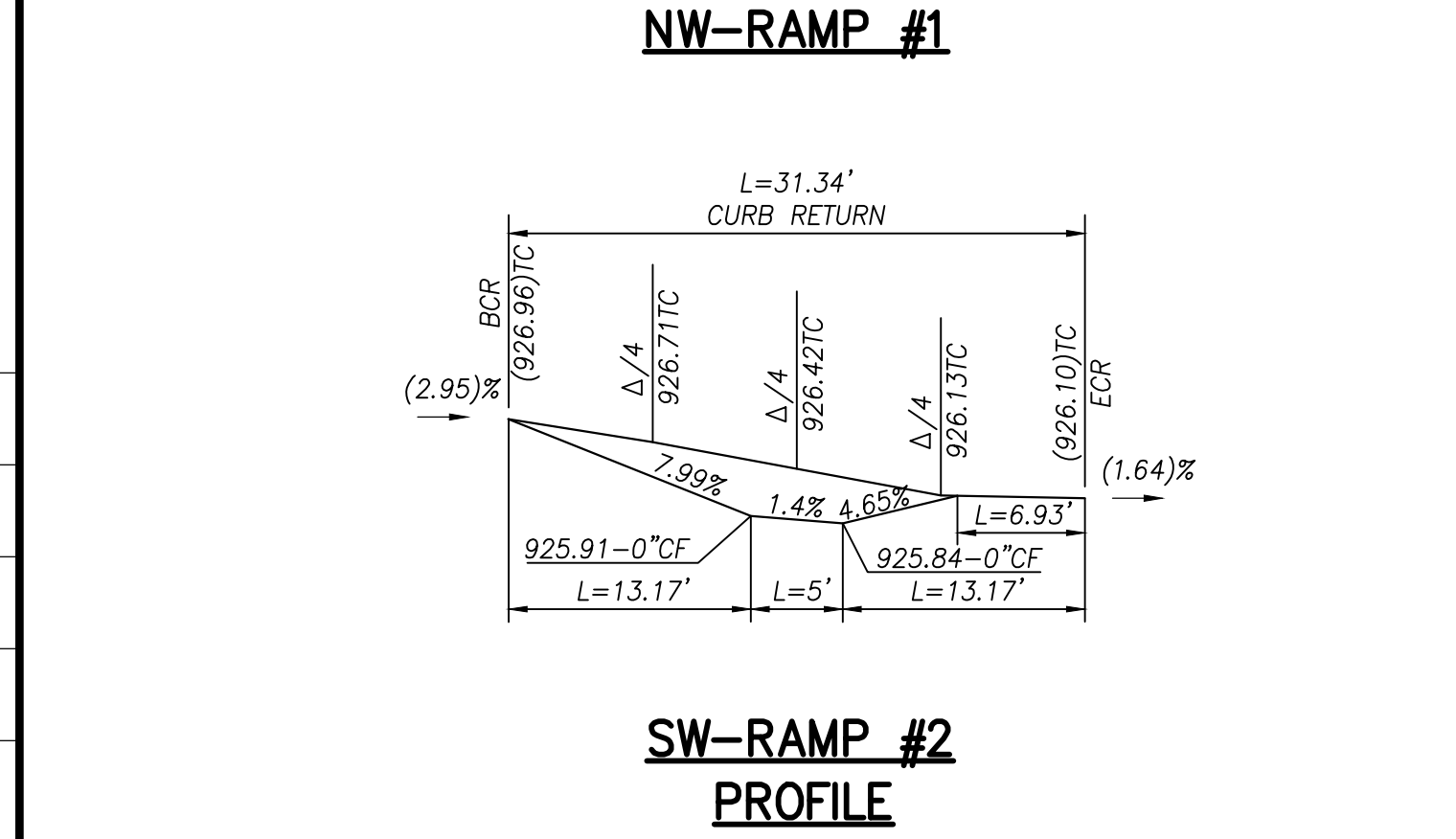
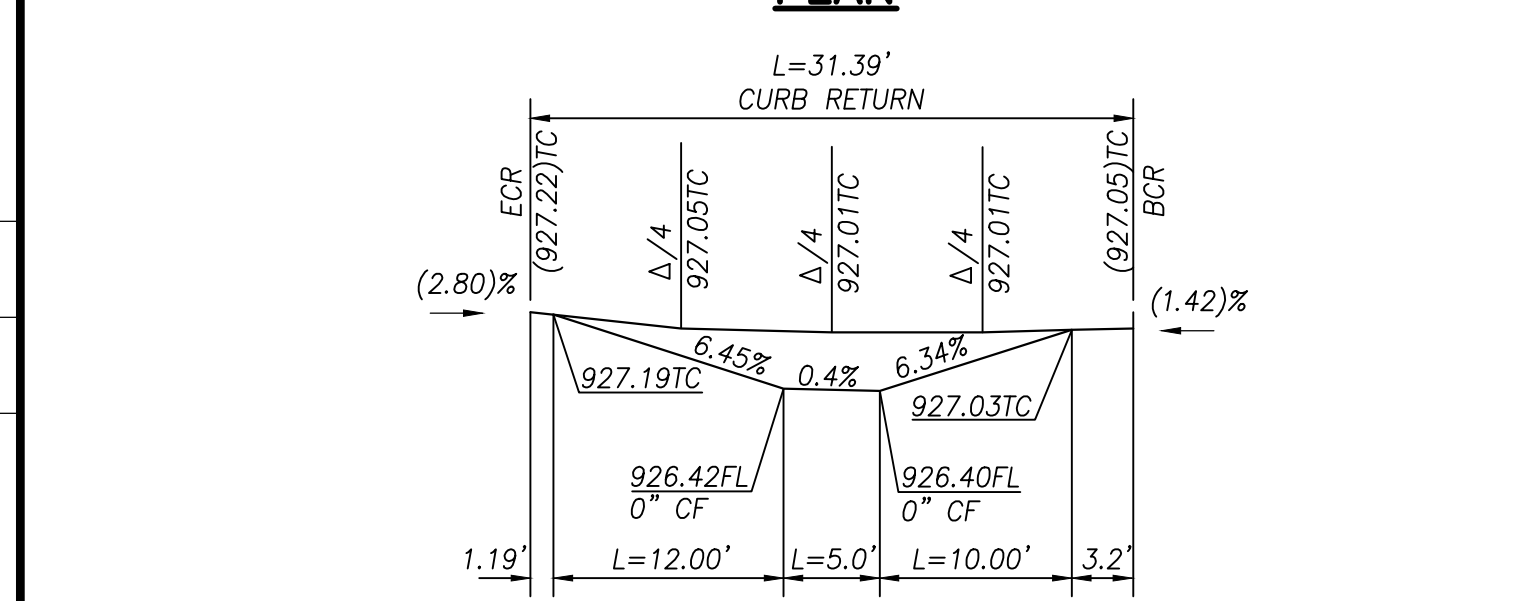
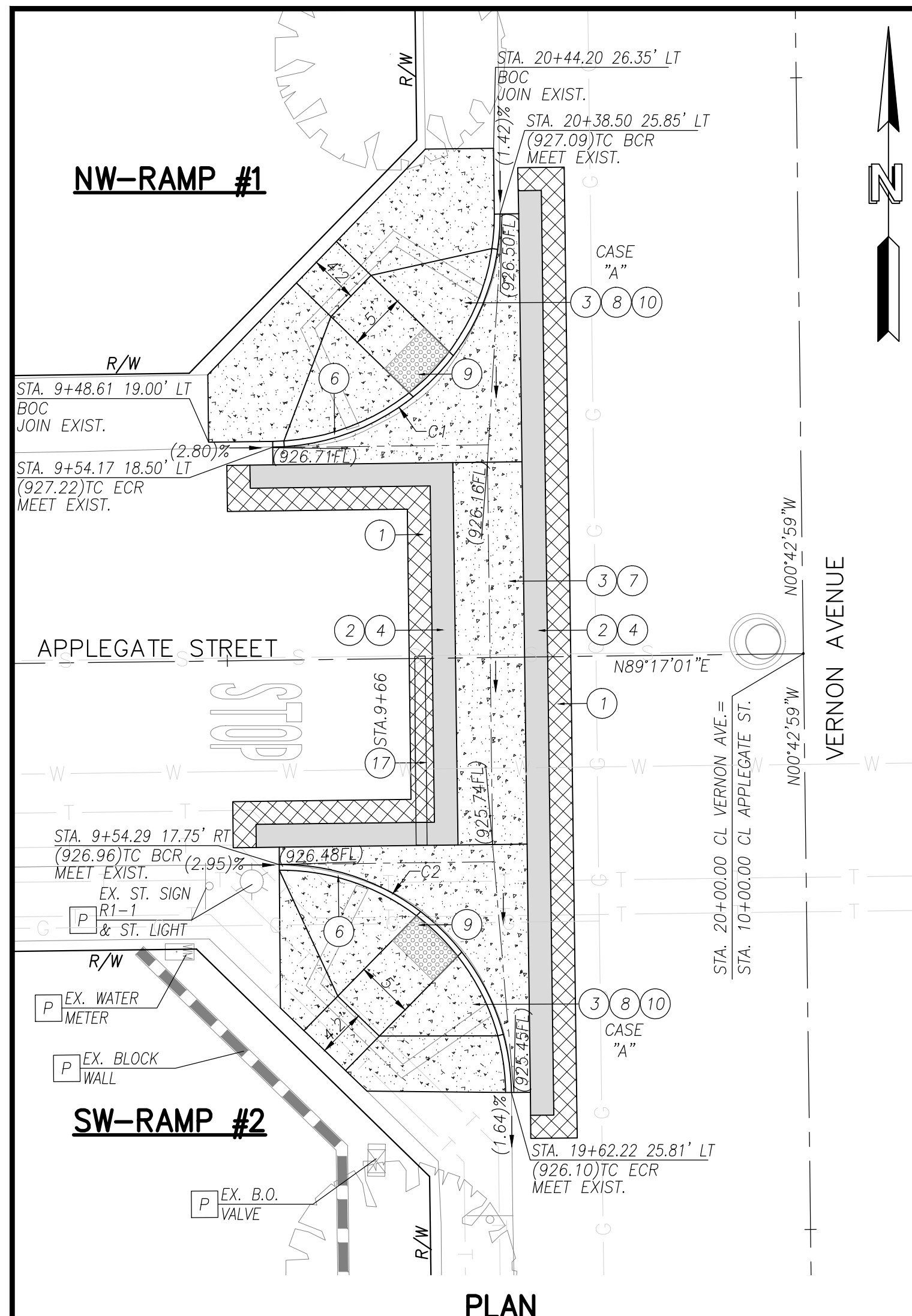
FIELD CHANGES

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AB/SN	DRAWN BY: AB/SN	CHECKED BY: DN	RECOMMENDED BY: CHINO
			6/27/2023 DATE
APPROVED BY: MERVAT N. MIKHAIL, P.E. DEPUTY DIRECTOR			
			6/27/2023 DATE

CHINO/MONTCLAIR AREA ADA RAMPS
 PROJECT NOTES, INDEX MAP, LEGENDS AND SHEET INDEX
 SAN BERNARDINO COUNTY AND IN THE CITY OF MONTCLAIR

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L.#014	H15061	AS SHOWN	2	12



(A) APPLEGATE STREET @ VERNON AVENUE
SCALE: 1"=10'

DISPOSITION NOTES
 P PROTECT IN PLACE
 M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND
 ASPHALT CONCRETE PAVEMENT
 ASPHALT CONCRETE COLD PLANE
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 ROCK BLANKET TREATMENT

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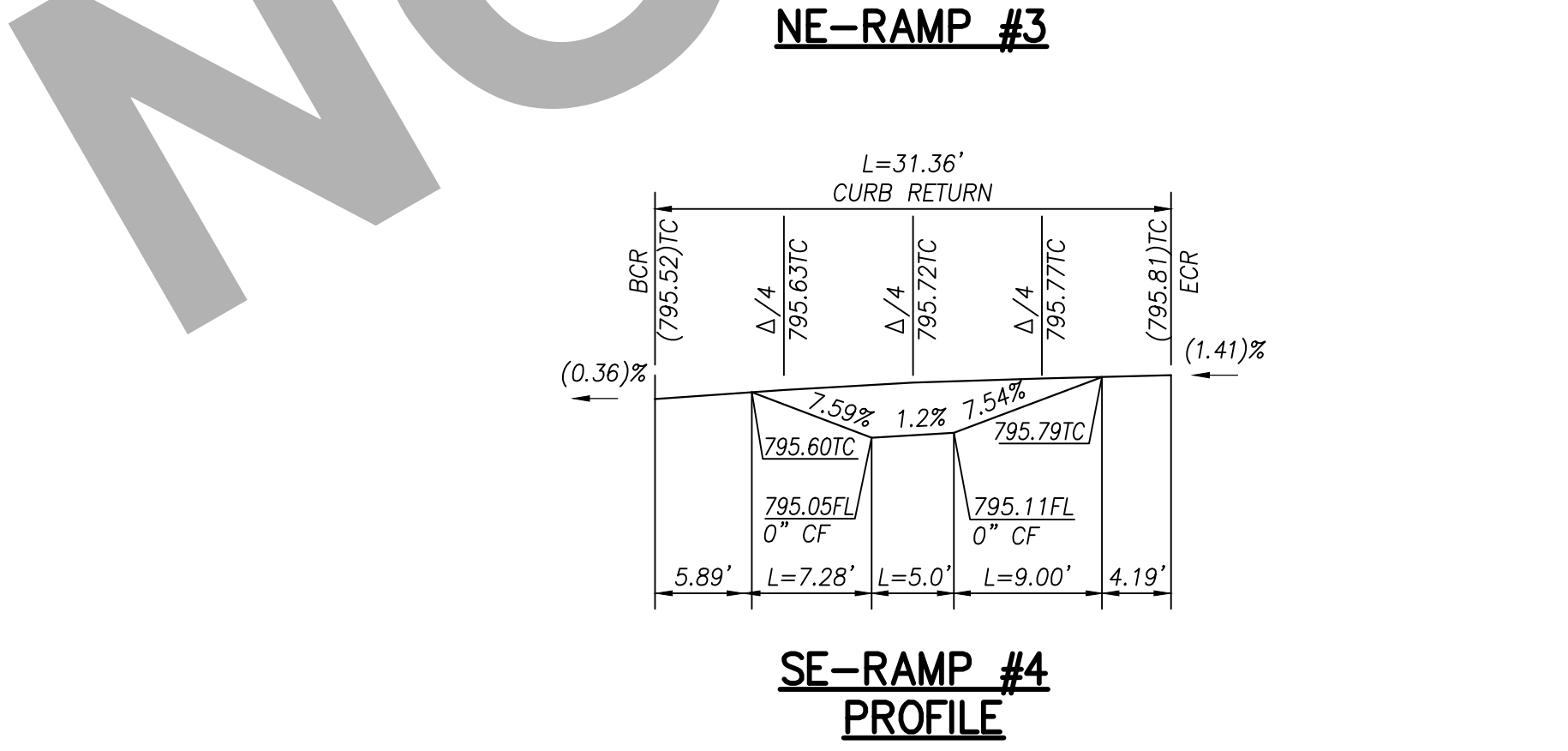
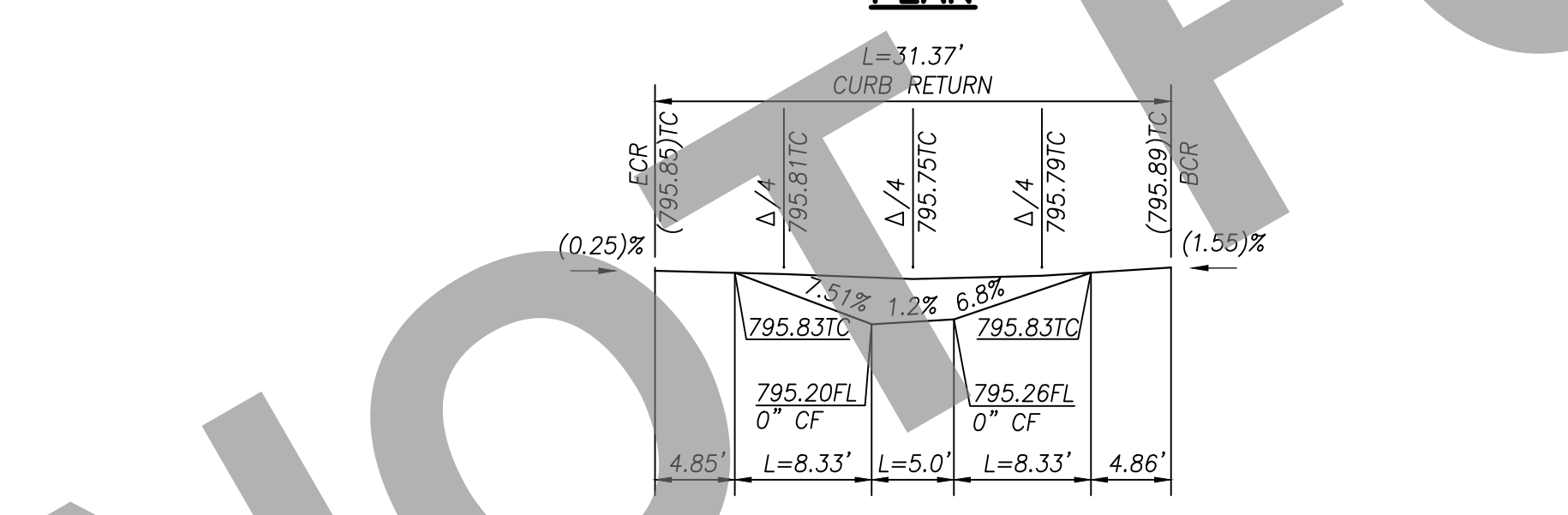
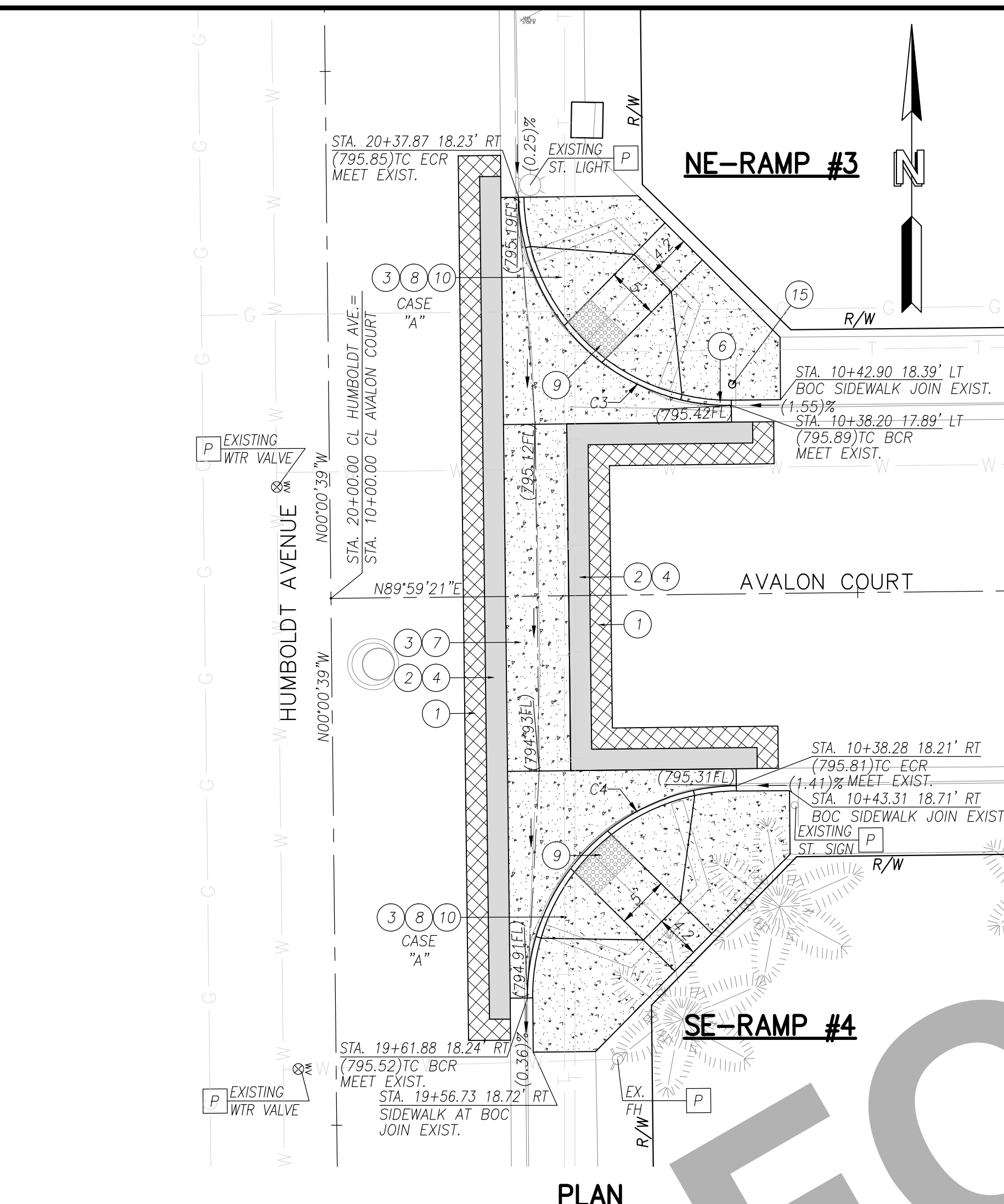
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 6/5/23
 DAVID NIKNAFS, P.E. DATE

REGISTERED PROFESSIONAL ENGINEER
 DAVID NIKNAFS
 No. 42697
 CIVIL
 STATE OF CALIFORNIA

MARK CHANGES NO CHANGES
 RESIDENT ENGINEER DATE
 FIELD CHANGES

SAN BERNARDINO COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGNED BY: AB/SN DRAWN BY: AB/SN CHECKED BY: DN RECOMMENDED BY: CHINO
 6/27/2023
 CHRIS NGUYEN, P.E. ENGINEERING MANAGER
 APPROVED BY: Mervat R. Mikhael, P.E. DEPUTY DIRECTOR
 6/27/2023

CHINO/MONTCLAIR AREA
 ADA RAMP
PLANS & PROFILES
 SAN BERNARDINO COUNTY
 AND IN THE CITY OF MONTCLAIR
 J.L. REF. W.O. NO. PLAN SCALE SH.T. NO. TOT. SH'TS.
 J.L.#014 H15061 AS SHOWN 3 12



(B) AVALON COURT @ HUMBOLDT AVENUE
SCALE: 1"=10'

DISPOSITION NOTES
 P PROTECT IN PLACE
 M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND
 ASPHALT CONCRETE PAVEMENT
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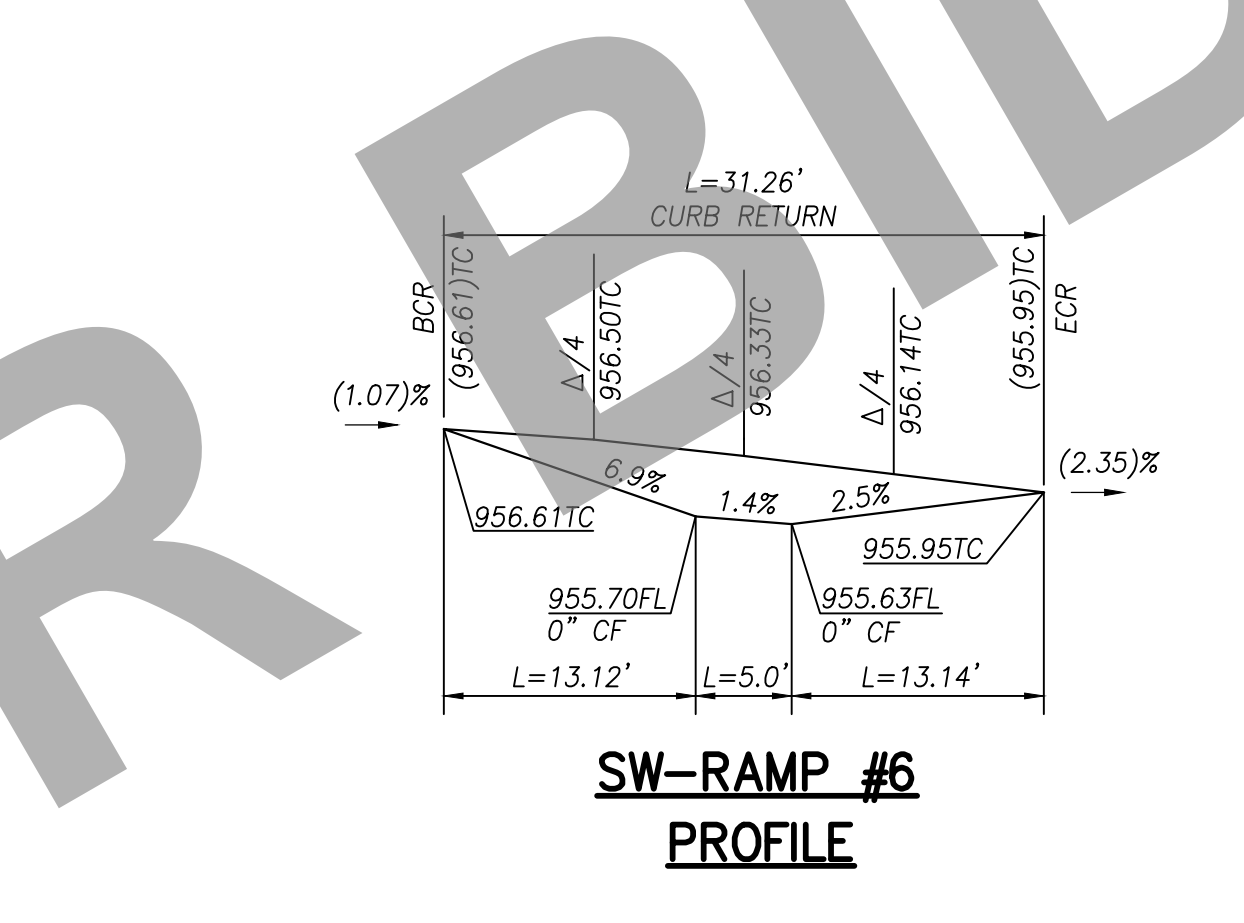
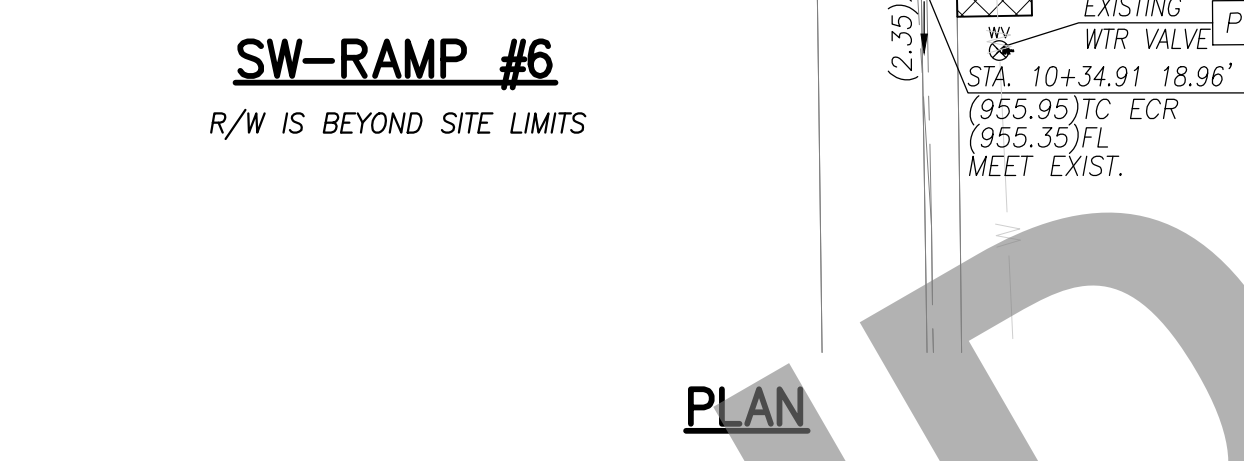
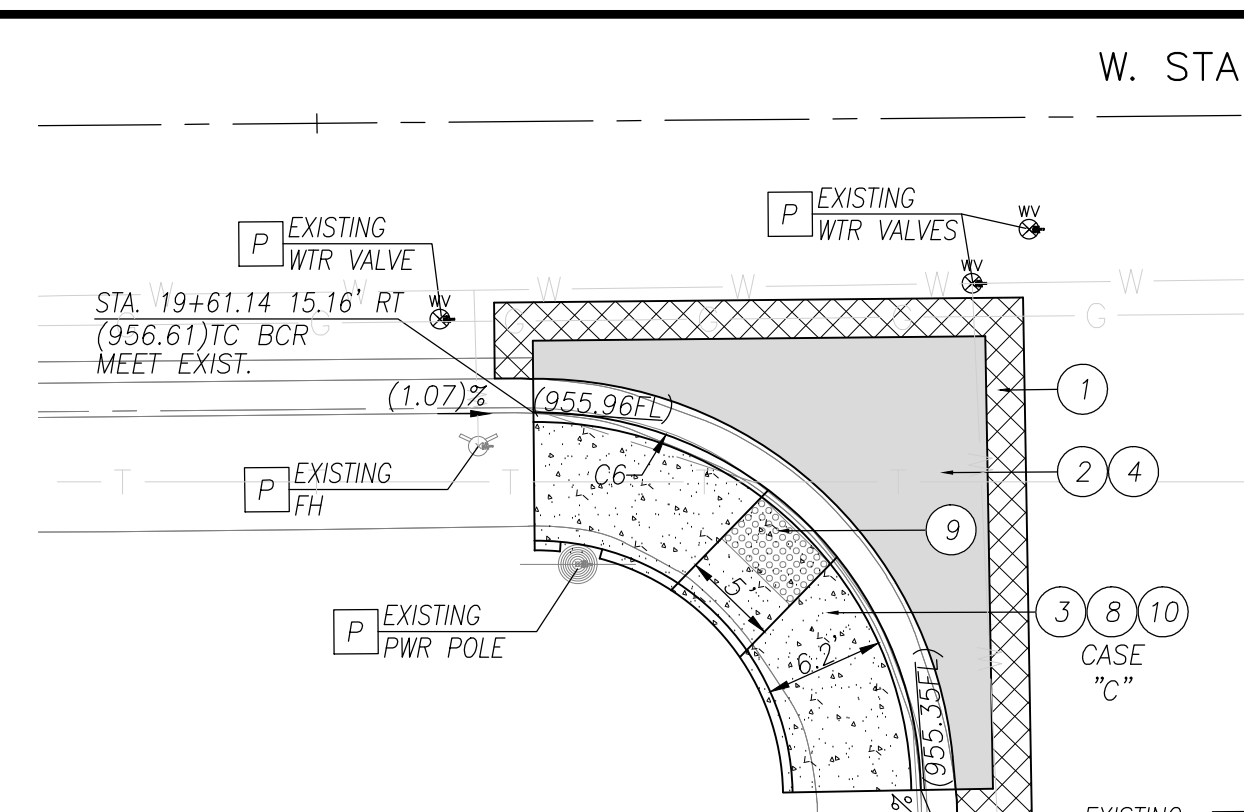
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REGISTERED PROFESSIONAL ENGINEER
 DAVID NIKNAFS
 No. 42697
 CIVIL
 STATE OF CALIFORNIA

MARK CHANGES NO CHANGES
 RESIDENT ENGINEER DATE
 FIELD CHANGES

SAN BERNARDINO COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGNED BY: AB/SN DRAWN BY: AB/SN CHECKED BY: DN RECOMMENDED BY: CHINO
 6/27/2023
 CHRIS NGUYEN, P.E. ENGINEERING MANAGER
 APPROVED BY: Mervat R. Mikhael, P.E. DEPUTY DIRECTOR
 6/27/2023

CHINO/MONTCLAIR AREA
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 J.L. REF. W.O. NO. PLAN SCALE SH.T. NO. TOT. SH'TS.
 J.L.#014 H15061 AS SHOWN 3 12



(C) CENTRAL PLACE @ W. STATE STREET
SCALE: 1"=10'

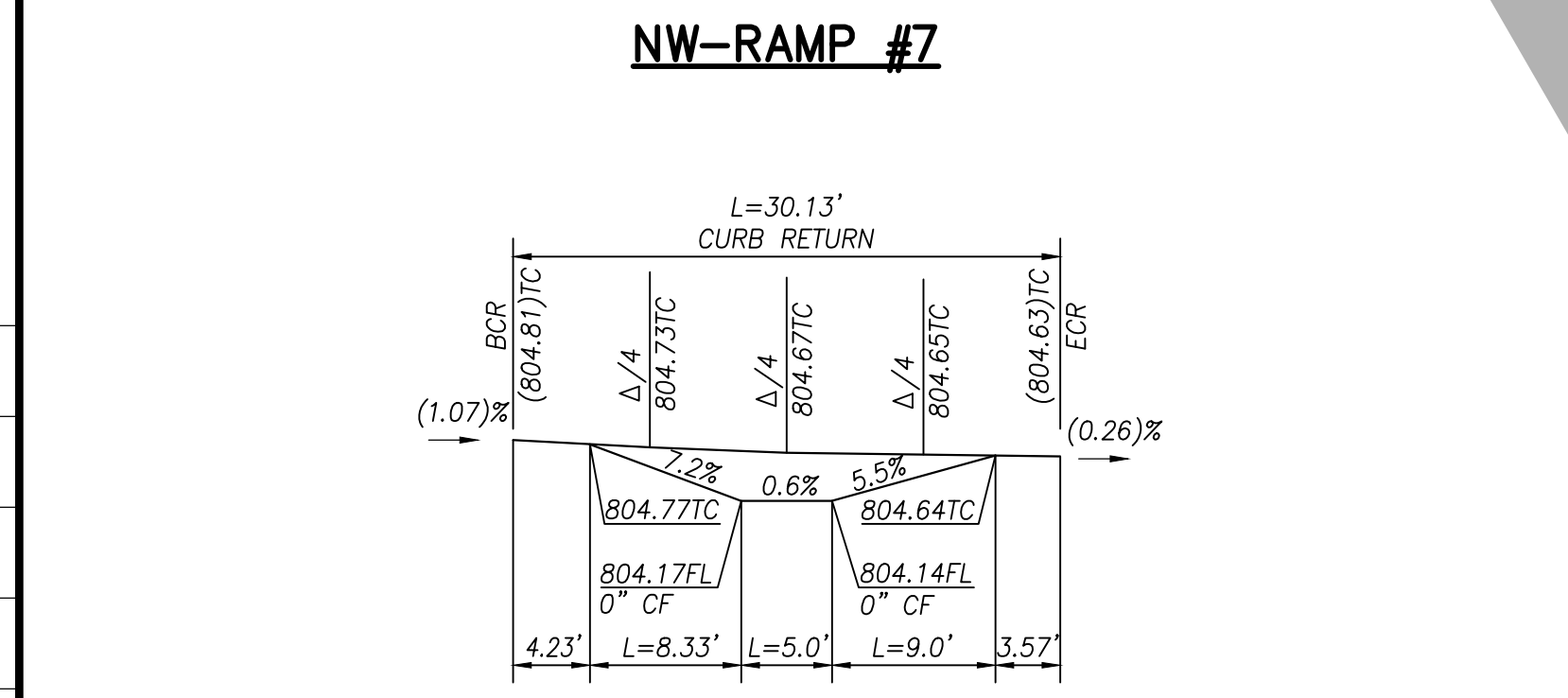
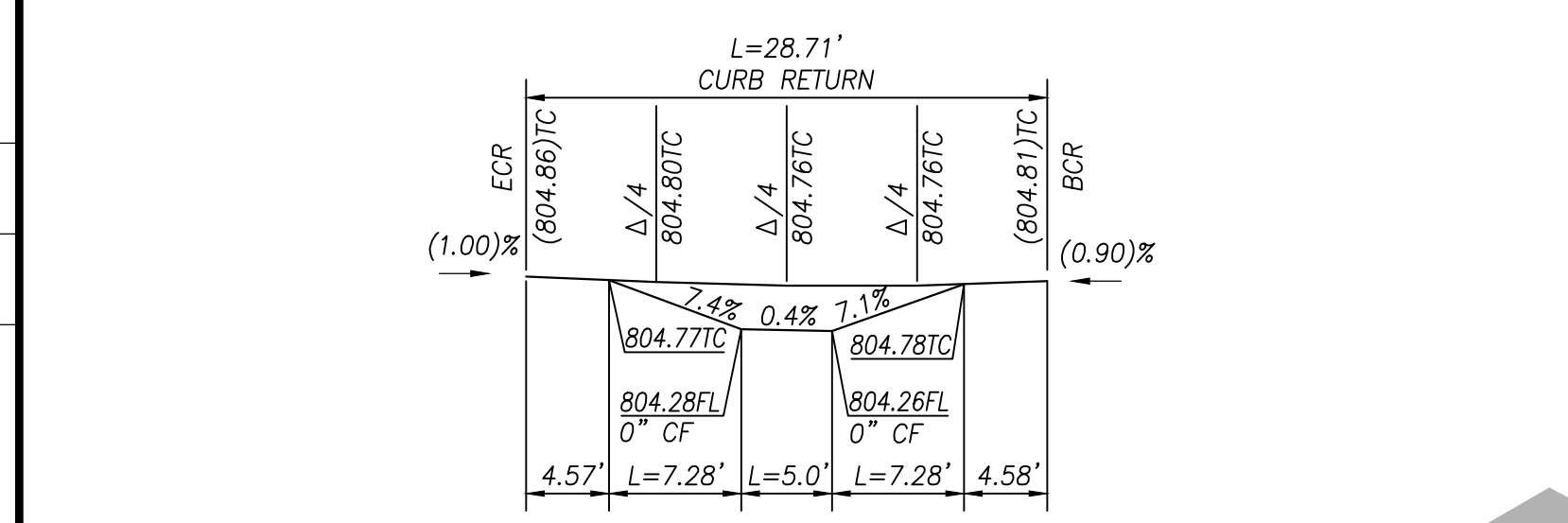
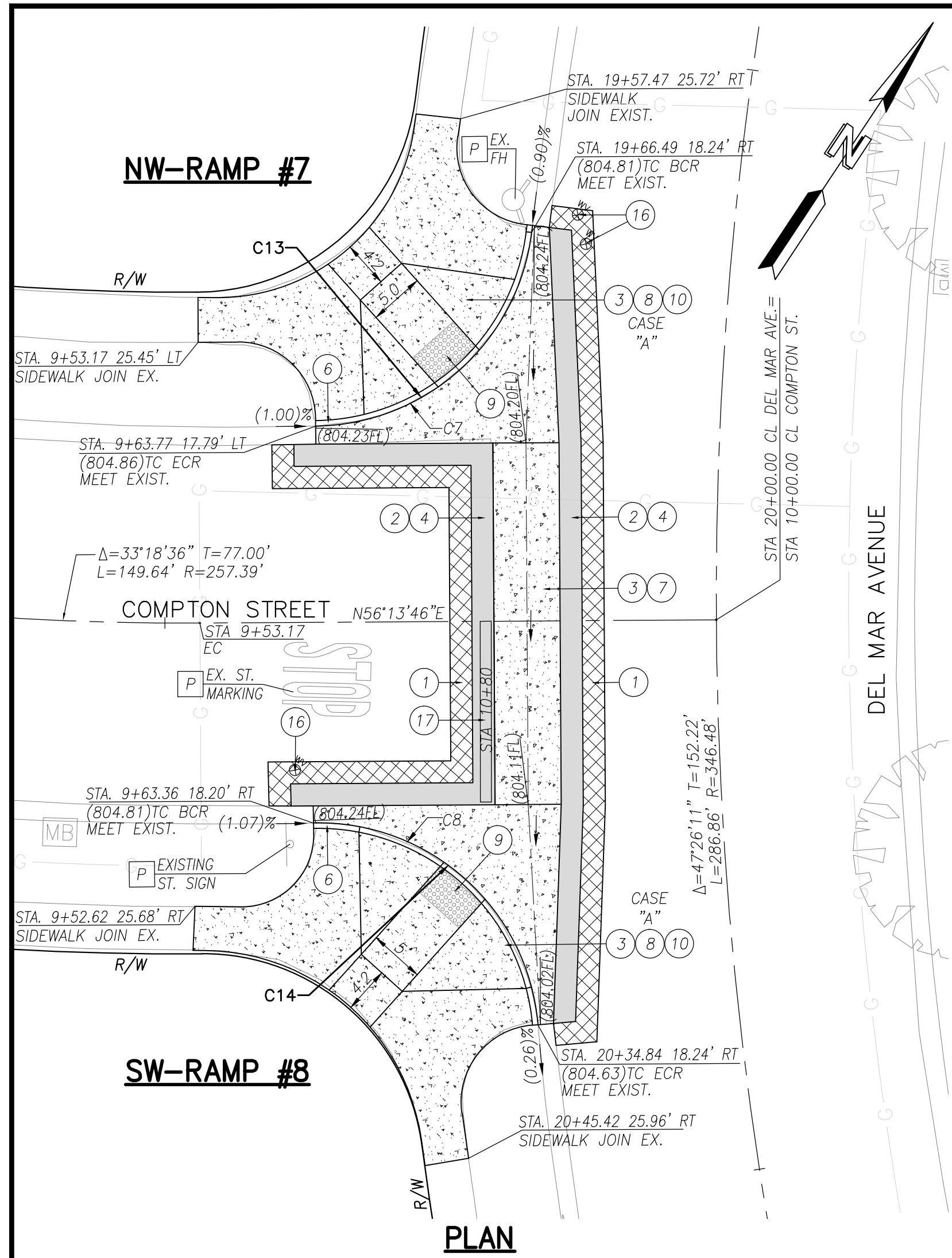
CONSTRUCTION NOTES
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 (4) PLACE 0.67" ASPHALT CONCRETE HMA (TYPE A, 3/4-INCH AGGREGATE GRADATION, PG 64-10PM) OVER COMPACTED NATIVE SOIL PER DETAIL ON SHEET 2.
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 (8) CONSTRUCT RAMP PER CALTRANS RSP AB8A, CASE PER PLANS.
 (9) PLACE 5'x3'D DETECTABLE WARNING SURFACE (DWS) PER CALTRANS RSP AB8A.
 (10) CONSTRUCT CONCRETE SIDEWALK PER COUNTY STANDARD 109 (MODIFIED).
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 (15) RESET ROADSIDE SIGN PER THE CALIFORNIA MUTCD 2014, FIGURES 2A-2(CA) AND COUNTY STANDARD PLANS 303G AND 303B.
 (16) ADJUST TO GRADE EXISTING WATER VALVE.
 (17) INSTALL 12" WIDE WHITE LIMIT LINE PER CALTRANS STD. PLAN NO. A24E.
 (18) INSTALL CROSSWALK (TYPE/COLOR PER PLAN) PER CALTRANS STD. PLAN NO. A24F.
 (19) CONSTRUCT 24" X 24" CONCRETE PAD PER DETAIL ON SHEET 2.
 (20) PAINT CURB RED.
 (21) INSTALL DETECTABLE WARNING PAVEMENT TYPE PER CITY OF MONTCLAIR STD. A-80 AND ADA-2, 12" SQUARE PAVEMENT (BY WASAU PAVING OR APPROVED EQUIVALENT).

UTILITY LEGEND
 S SEWER
 W WATER
 O OIL
 E ELECTRIC
 SD STORM DRAIN
 G GAS
 COMMUNICATIONS

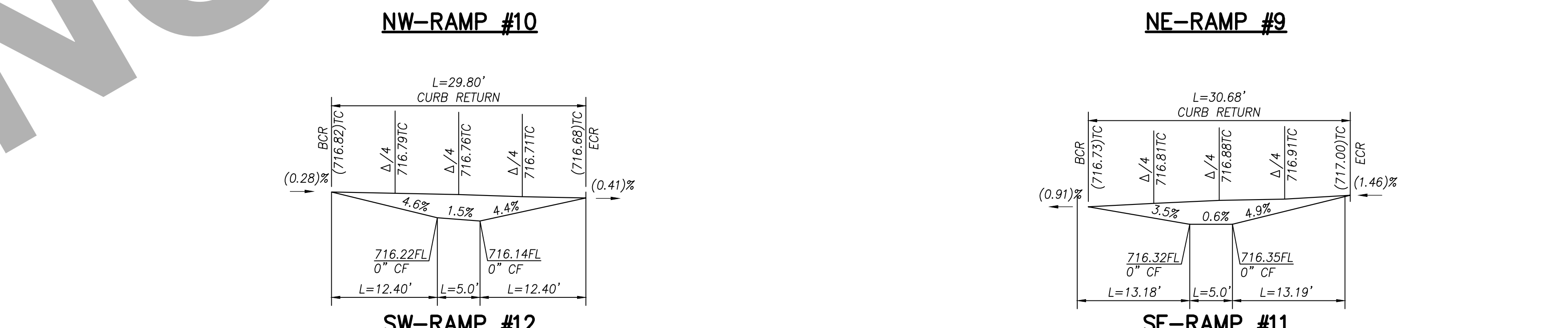
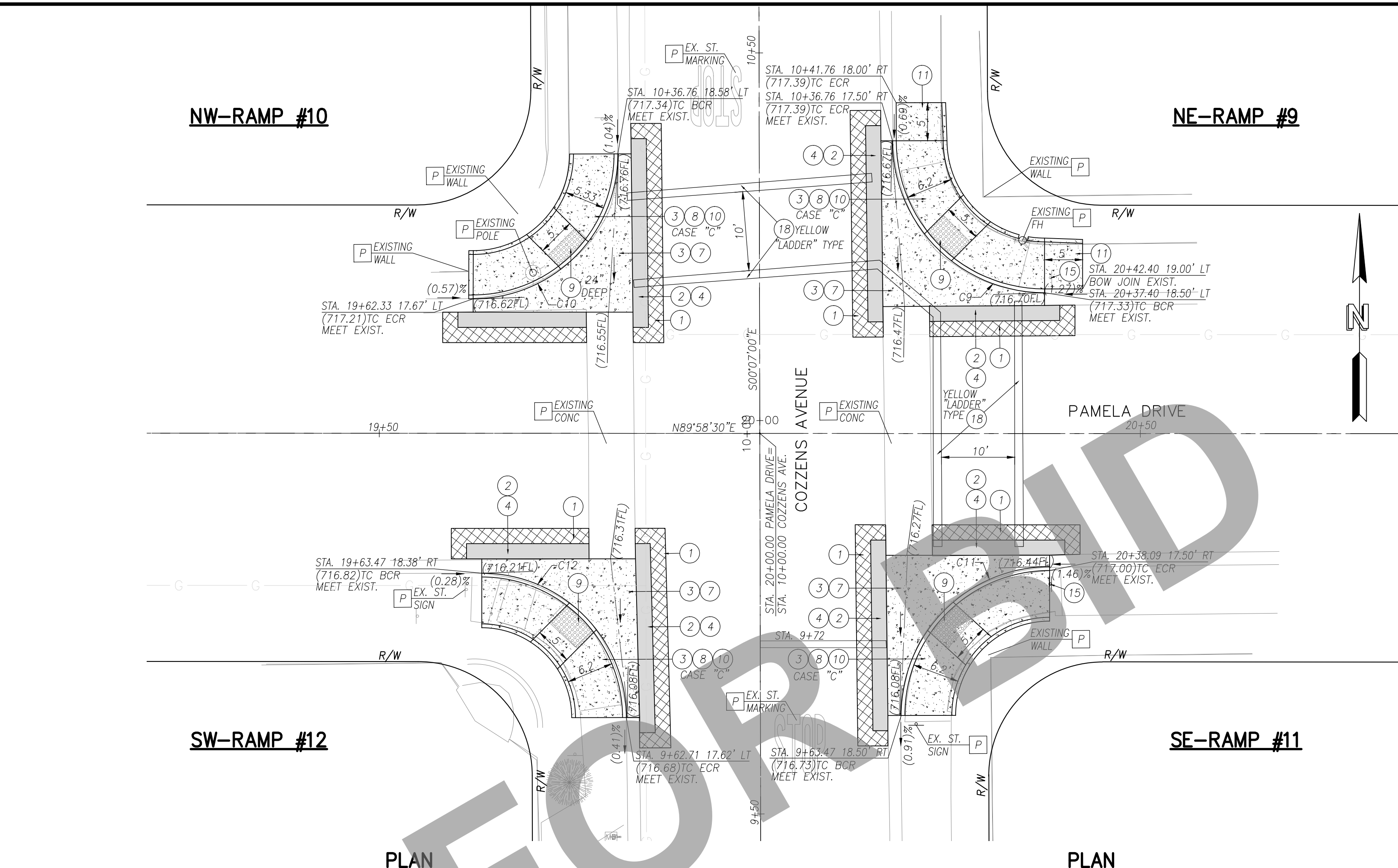
1. ALL UTILITY LOCATIONS SHOWN ARE GENERAL LOCATIONS SUBJECT TO FIELD VERIFICATION.
 2. THE FACT THAT ANY UTILITY FACILITY IS SHOWN OR NOT SHOWN UPON THESE PLANS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY UNDER SECTION 5-1.36C "NON-HIGHWAY FACILITIES" OF THE CALTRANS STANDARD SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY, PURSUANT THERETO, TO ASCERTAIN THE LOCATION OF ANY UTILITY FACILITY WHICH MAY BE SUBJECT TO DAMAGE BY REASON OF THE CONTRACTOR'S OPERATIONS.

CURVE DATA

C#	LENGTH	RADIUS	DELTA	TANGENT
C1	31.39	20.00	89.93	19.98
C2	31.34	20.00	89.79	19.93
C3	31.37	20.00	89.86	19.95
C4	31.36	20.00	89.84	19.95
C5	12.96	20.00	37.12	6.72
C6	31.26	20.00	89.55	19.84



PLAN
PROFILE
 D COMPTON STREET @ DEL MAR AVENUE
 SCALE: 1"=10'



PLAN
PROFILE
 E COZZENS AVENUE @ PAMELA DRIVE
 SCALE: 1"=10'

UTILITY LEGEND

- S SEWER
- W WATER
- O OIL
- E ELECTRIC
- SD STORM DRAIN
- G GAS
- C COMMUNICATIONS

1. ALL UTILITY LOCATIONS SHOWN ARE GENERAL LOCATIONS SUBJECT TO FIELD VERIFICATION.
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CURVE DATA

C#	LENGTH	RADIUS	DELTA	TANGENT
C7	28.71	20.00	82.24	17.46
C8	30.13	20.00	86.32	18.76
C9	31.37	20.00	89.86	19.95
*C10	29.89	19.00	90.14	19.05
*C11	30.68	19.50	90.14	19.55
*C12	29.80	19.00	89.86	18.95

*C10=19'R TO MATCH EXISTING. CONSTRAINED BY EX. POLE & WALLS.
 *C11=19.5'R TO MATCH EXISTING. CONSTRAINED BY EX. WALL
 *C12=19'R TO MATCH EXISTING. CONSTRAINED BY EX. TREE.

- CONSTRUCTION NOTES**
- 1 UTILITIES TO BE RELOCATED AS NOTED ON PLANS. (SEE NOTE U. OF COUNTY GENERAL NOTES ON SHEET 2.)
 - 1 COLD PLANE (0.20" THICK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THICK) ASPHALT CONCRETE OVERLAY, 2" WIDE MINIMUM.
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 - 4 PLACE 0.67" ASPHALT CONCRETE HMA (TYPE A, 3/4-INCH AGGREGATE GRADATION, PG 64-10PM) OVER COMPACTED NATIVE SOIL PER DETAIL ON SHEET 2.
 - 5 CONSTRUCT 6" CURB & GUTTER PER COUNTY STD. 116.
 - 6 CONSTRUCT 8" CURB & GUTTER PER COUNTY STD. 115.
 - 7 CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD. 119.
 - 8 CONSTRUCT RAMP PER CALTRANS RSP AB8A, CASE PER PLANS.
 - 9 PLACE 5'x3'D DETECTABLE WARNING SURFACE (DWS) PER CALTRANS RSP AB8A.
 - 10 CONSTRUCT CONCRETE SIDEWALK PER COUNTY STANDARD 109 (MODIFIED).
 - 11 CONSTRUCT 5' MIN. SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
 - 12 CONSTRUCT W=6" VARIABLE HEIGHT CONCRETE RETAINING CURB PER CALTRANS STANDARD AB8A & AB8B.
 - 13 CONSTRUCT LANDSCAPE ROCK BLANKET PER DETAIL ON SHEET 2.
 - 14 REMOVE & REPLACE EXIST. LOCAL DEPRESSION (TYPE A) PER COUNTY STD. 203B
 - 15 RESET ROADSIDE SIGN PER THE CALIFORNIA MUTCD 2014, FIGURES 2A-2(CA) AND COUNTY STANDARD PLANS 3036 AND 303B.
 - 16 ADJUST TO GRADE EXISTING WATER VALVE.
 - 17 INSTALL 12" WIDE WHITE LIMIT LINE PER CALTRANS STD. PLAN NO. A24E.
 - 18 INSTALL CROSSWALK (TYPE/COLOR PER PLAN) PER CALTRANS STD. PLAN NO. A24F.
 - 19 CONSTRUCT 24" X 24" CONCRETE PAD PER DETAIL ON SHEET 2.
 - 20 PAINT CURB RED.
 - 21 INSTALL DETECTABLE WARNING PAVER TYPE PER CITY OF MONTCLAIR STD. A-80 AND ADA-2, 12" SQUARE PAVER (BY WASAU PAVING OR APPROVED EQUIVALENT).

DISPOSITION NOTES

- P PROTECT IN PLACE
- M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND

- ASPHALT CONCRETE PAVEMENT
- ASPHALT CONCRETE COLD PLANE
- PORTLAND CEMENT CONCRETE
- ROCK BLANKET TREATMENT

Underground Service Alert
 Call: TOLL FREE 1-800-227-2600
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PLANS PREPARED UNDER THE SUPERVISION OF:
NV5
 163 TECHNOLOGY DRIVE SUITE 100 IRVINE, CA 92618
 TEL. (949) 585-0477
 6/5/23
 DAVID NIKNAFS, P.E.
 CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
 DAVID NIKNAFS
 No. 42697
 CIVIL
 STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

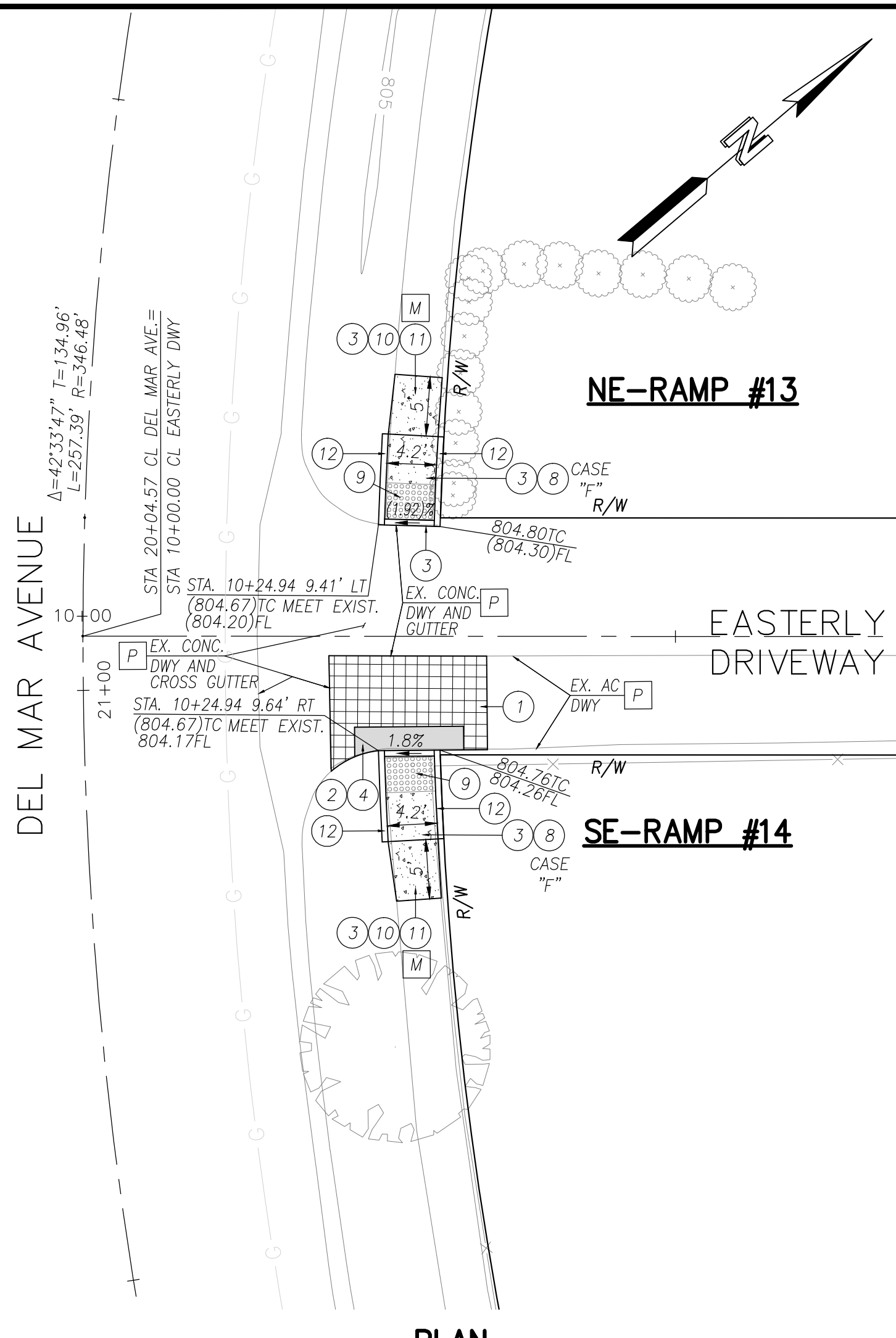
DESIGNED BY: AB/SN	DRAWN BY: AB/SN	CHECKED BY: DN	RECOMMENDED BY: <i>Chris Nguyen</i>
			6/27/2023
			DATE
			APPROVED BY: <i>Mervat Nourkhalil</i>
			6/27/2023
			DATE

CARLOS SEANEZ, P.E. SUPERVISING ENGINEER

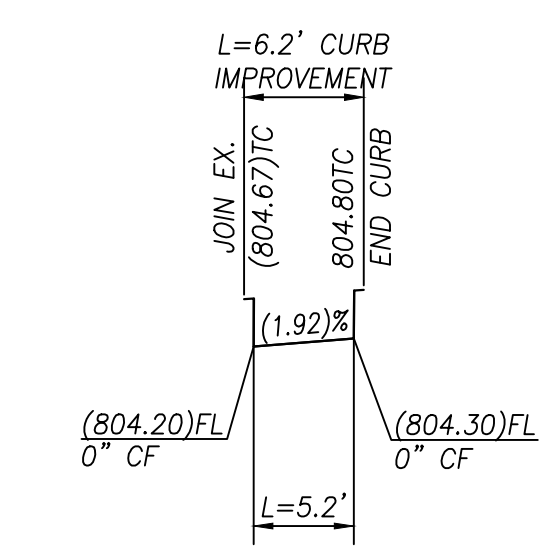
CHINO/MONTCLAIR AREA ADA RAMPS PLANS & PROFILES

SAN BERNARDINO COUNTY AND IN THE CITY OF MONTCLAIR

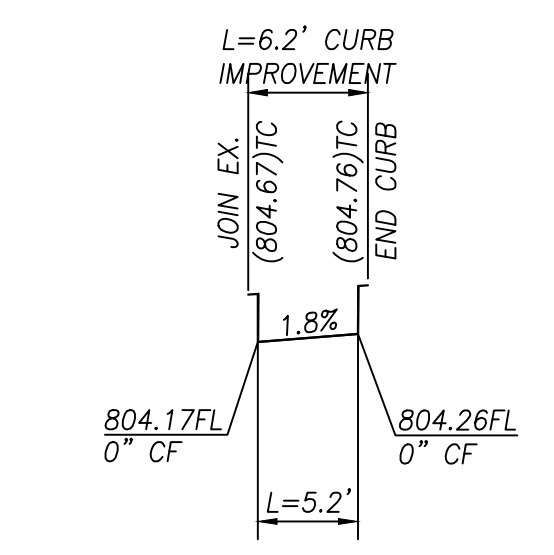
J.L. REF. #014	W.O. NO. H15061	PLAN SCALE AS SHOWN	SHT. NO. 4	TOT. SHT'S. 12
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PLAN

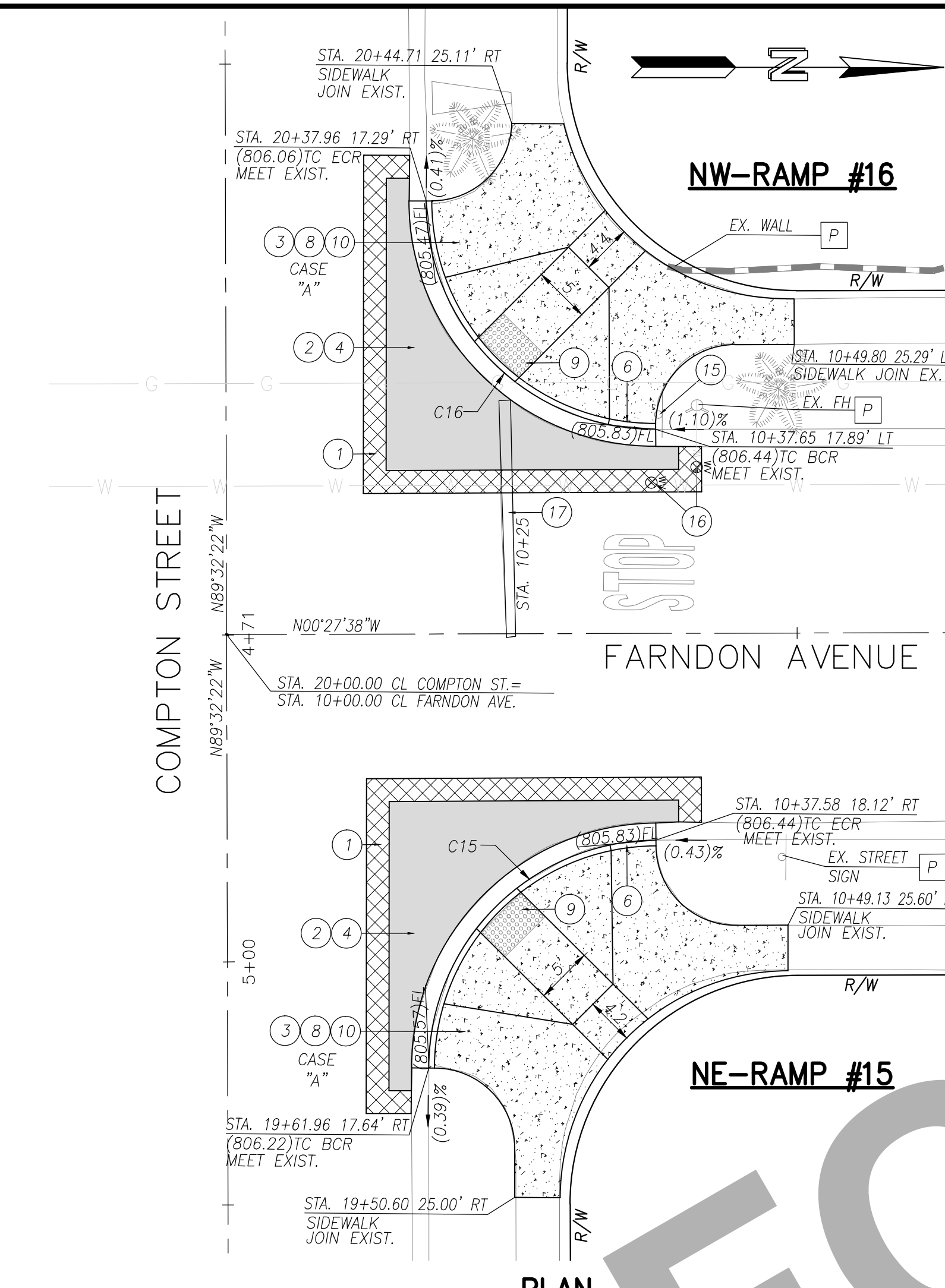


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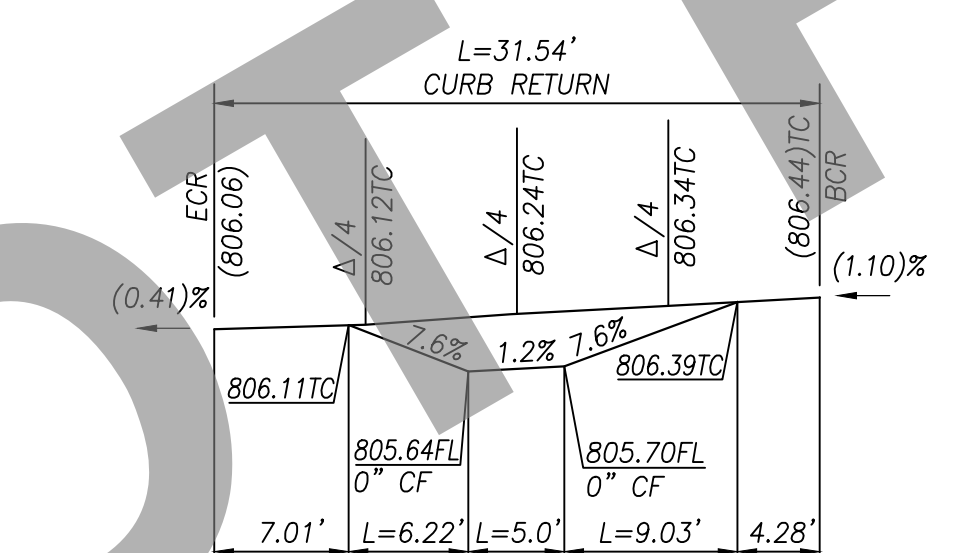


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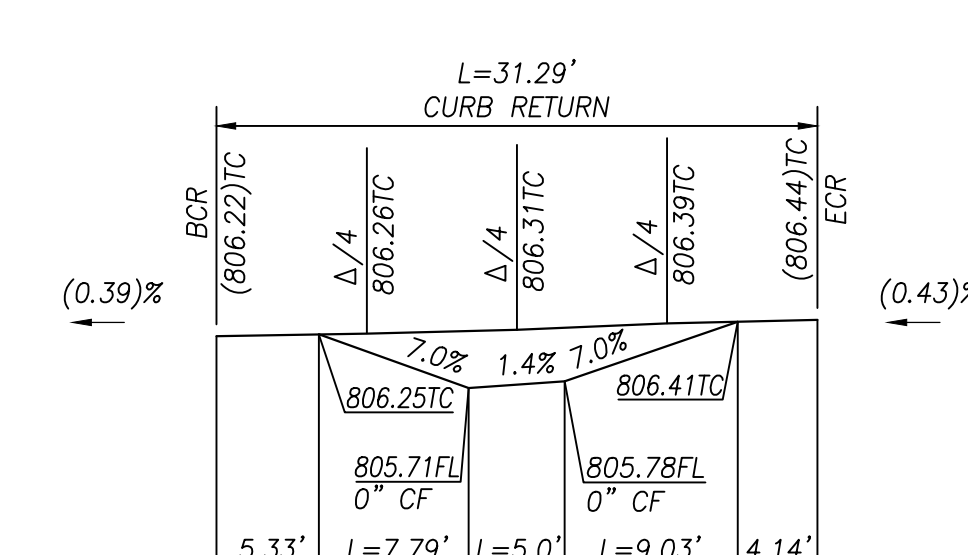
F DEL MAR AVENUE @ EASTERLY DRIVEWAY SCALE: 1"=10'



PLAN

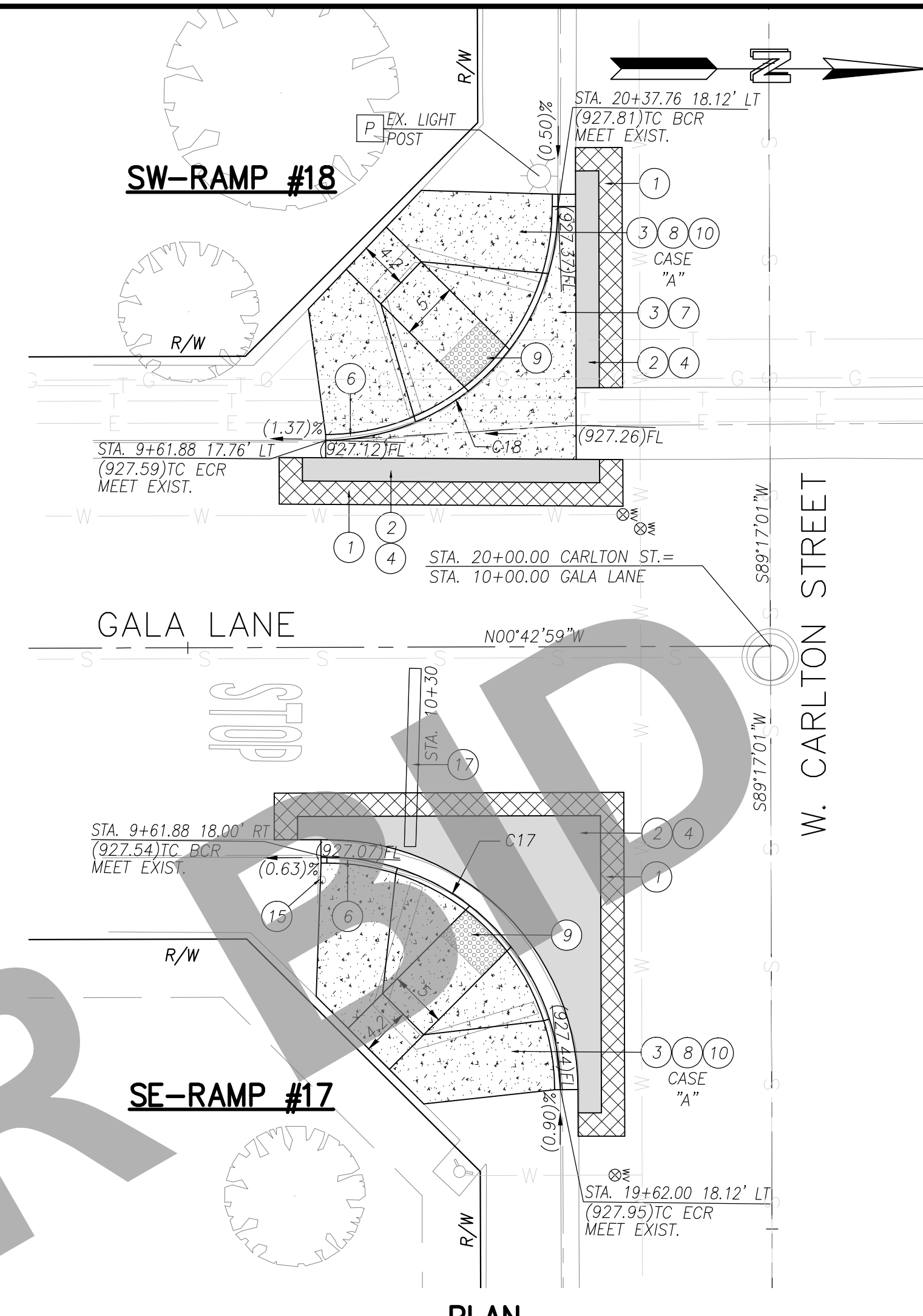


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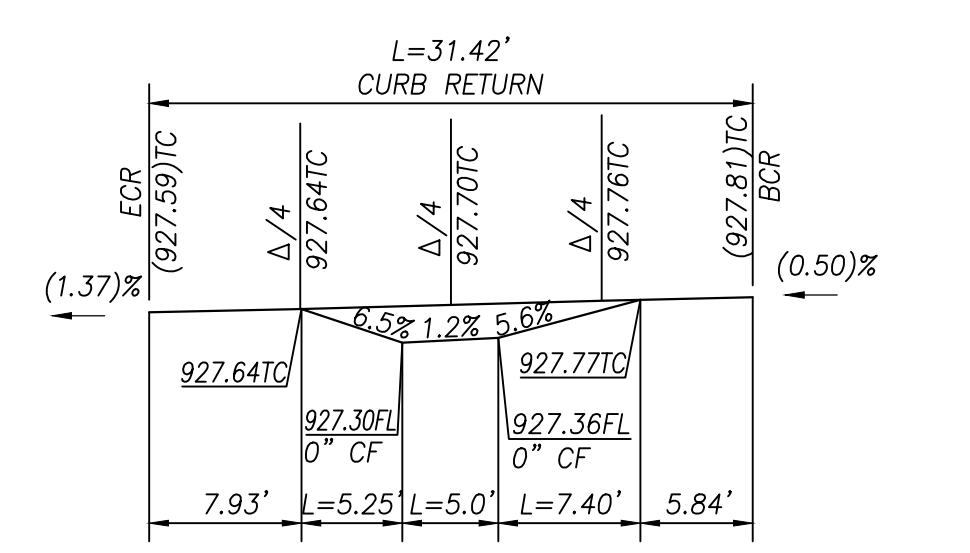


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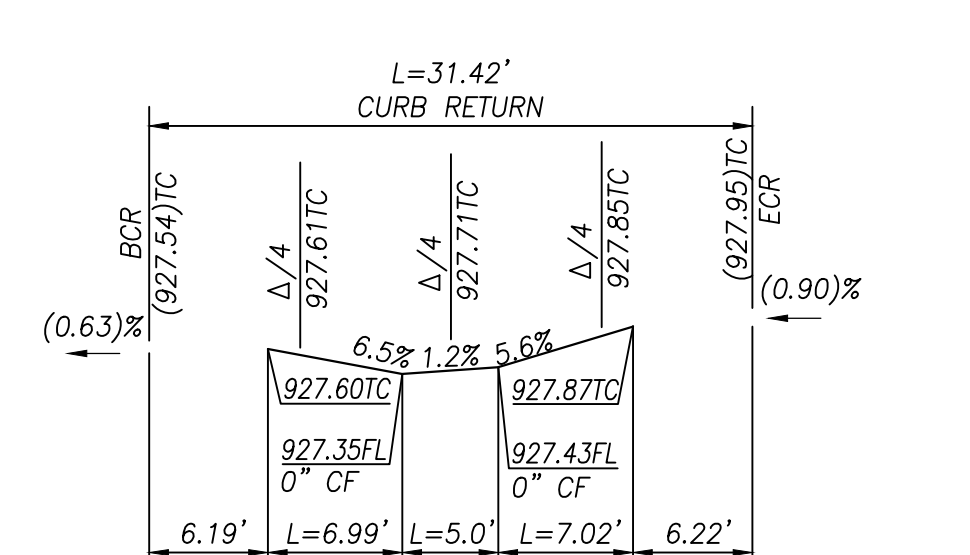
G FARNDON AVENUE @ COMPTON STREET SCALE: 1"=10'



PLAN



SW-RAMP #18



SE-RAMP #17 PROFILE

H GALA LANE @ CARLTON STREET SCALE: 1"=10'

UTILITY LEGEND

- S SEWER
- W WATER
- O OIL
- E ELECTRIC
- SD STORM DRAIN
- G GAS
- C COMMUNICATIONS

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CURVE DATA				
C#	LENGTH	RADIUS	DELTA	TANGENT
C15	31.29	20.00	89.64	19.88
C16	31.54	20.00	90.35	20.12
C17	31.42	20.00	90.00	20.00
C18	31.42	20.00	90.00	20.00

CONSTRUCTION NOTES

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- 6 CONSTRUCT 8" CURB & GUTTER PER COUNTY STD. 115.
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DISPOSITION NOTES
 P PROTECT IN PLACE
 M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND
 ASPHALT CONCRETE PAVEMENT
 ASPHALT CONCRETE COLD PLANE
 PORTLAND CEMENT CONCRETE
 ROCK BLANKET TREATMENT

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 TEL: (949) 585-0477
 6/5/23
 DAVID NIKNAFS, P.E. DATE C42697

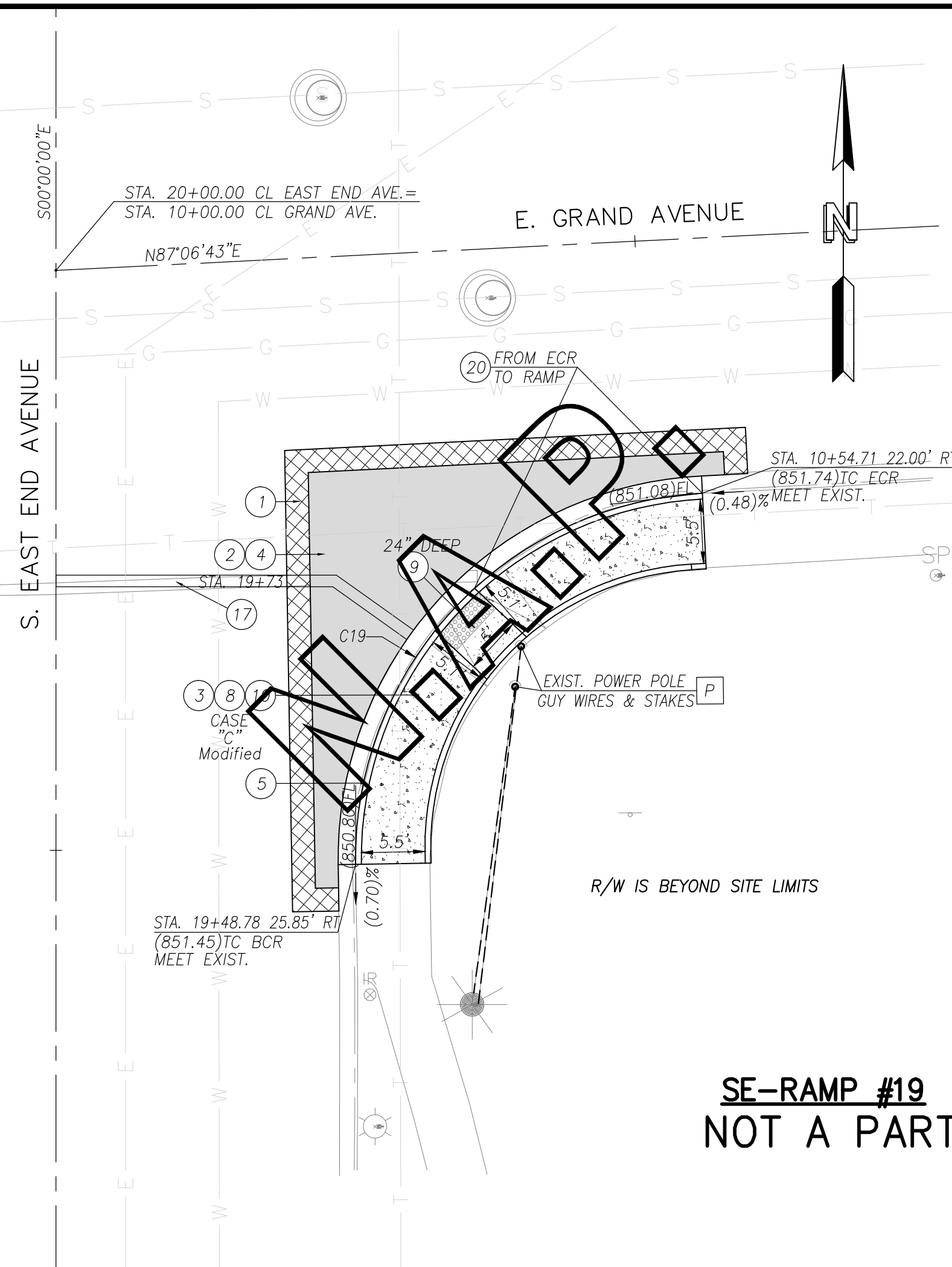
REGISTERED PROFESSIONAL ENGINEER
 DAVID NIKNAFS
 No. 42697
 CIVIL
 STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

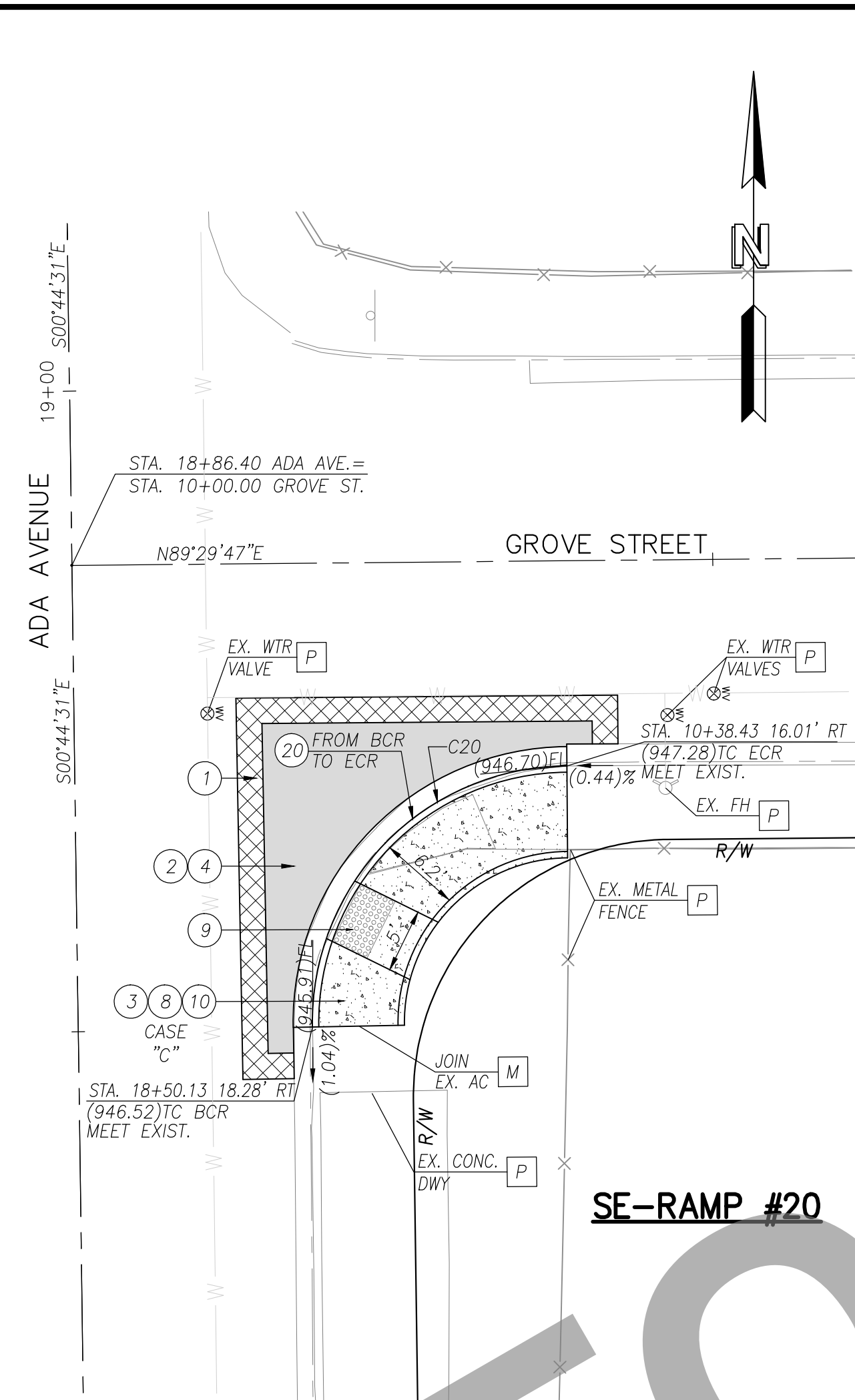
FIELD CHANGES

SAN BERNARDINO COUNTY
 DEPARTMENT OF PUBLIC WORKS
 DESIGNED BY: AB/SN
 DRAWN BY: AB/SN
 CHECKED BY: DN
 RECOMMENDED BY: *Chris Nguyen*
 CHRIS NGUYEN, P.E. ENGINEERING MANAGER
 6/27/2023
 APPROVED BY: *Mervat N. Mikhail*
 MERVAT N. MIKHAIL, P.E. DEPUTY DIRECTOR
 6/27/2023

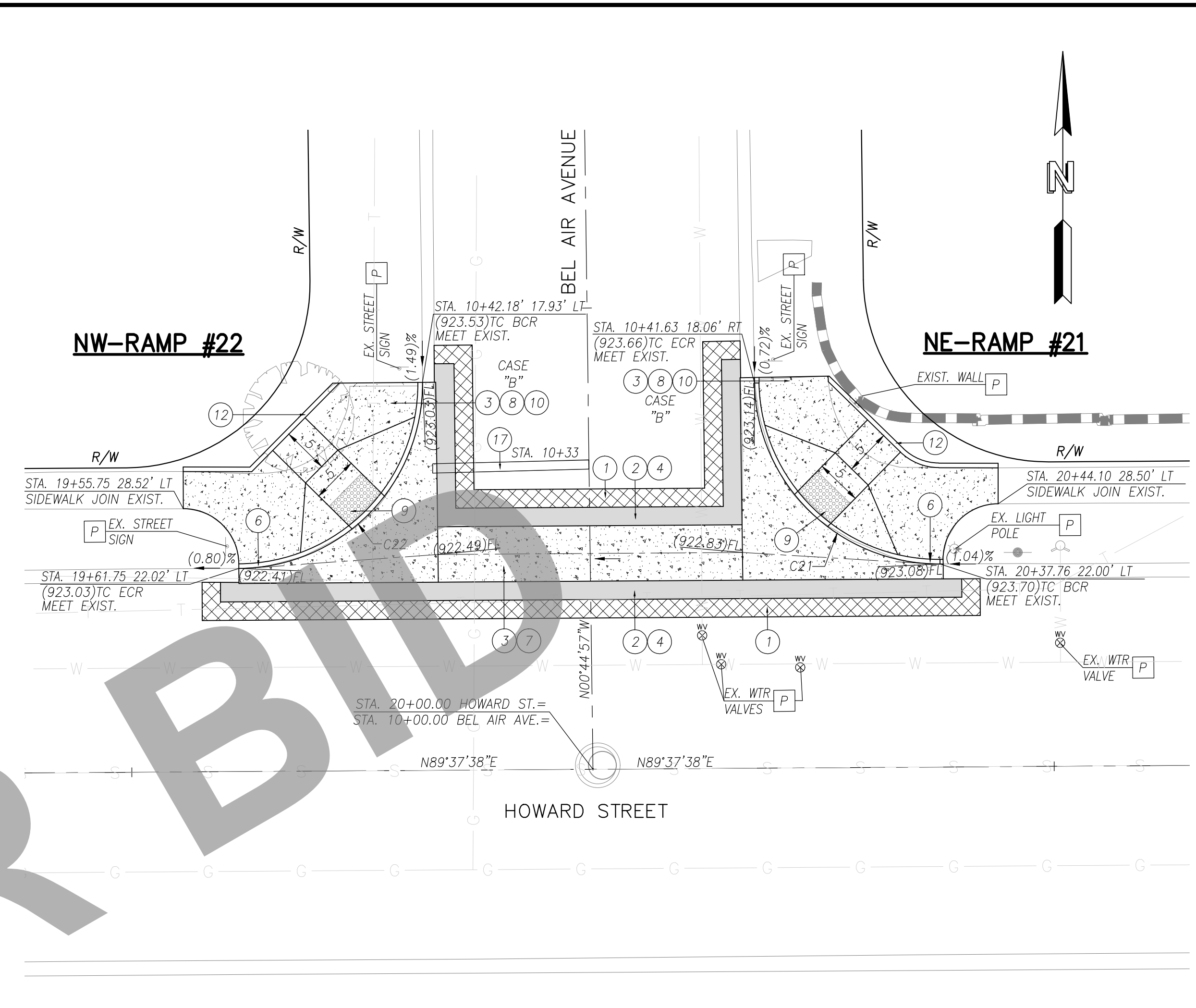
CHINO/MONTCLAIR AREA
 ADA RAMPS
 PLANS & PROFILES
 SAN BERNARDINO COUNTY
 AND IN THE CITY OF MONTCLAIR
 J.L. REF. W.O. NO. PLAN SCALE SH.T. NO. TOT. SH'TS.
 J.L.#0014 H15061 AS SHOWN 5 12



**SE-RAMP #19
NOT A PART**

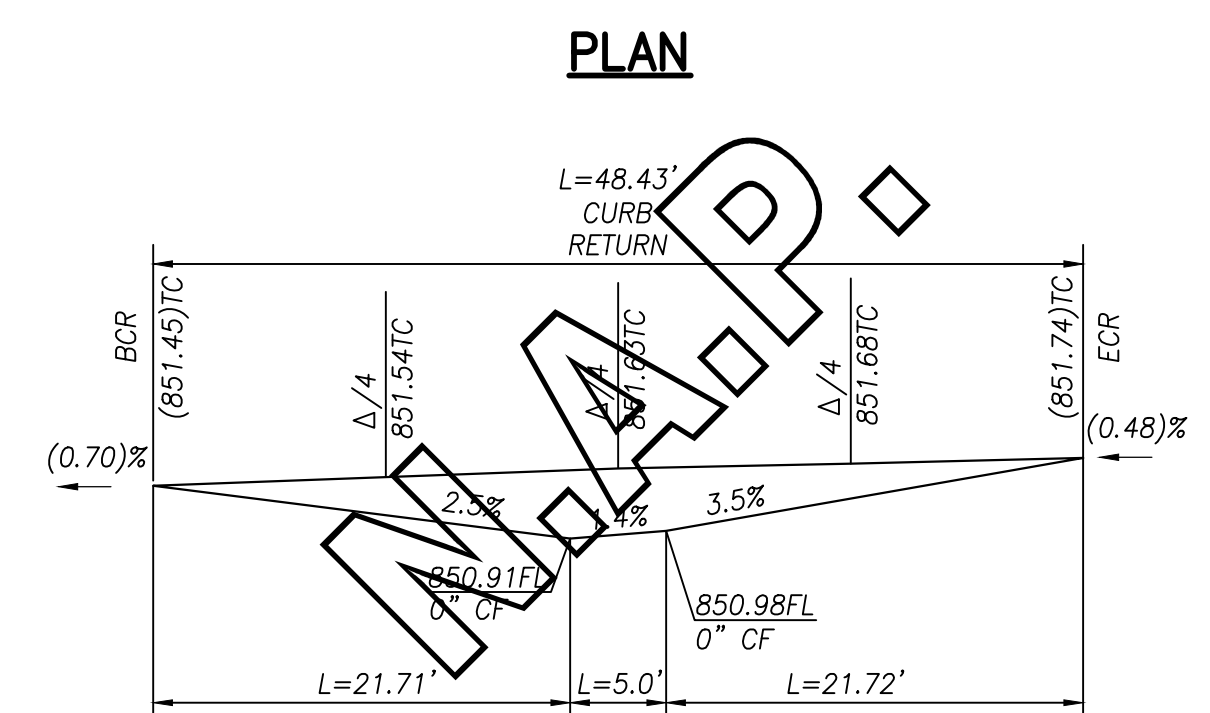


SE-RAMP #20



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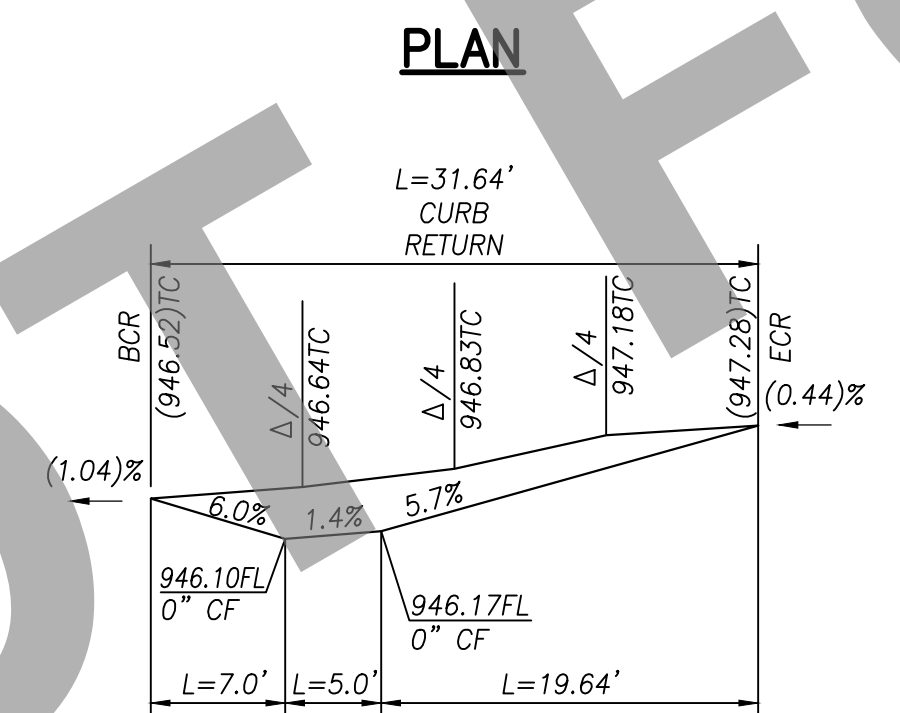
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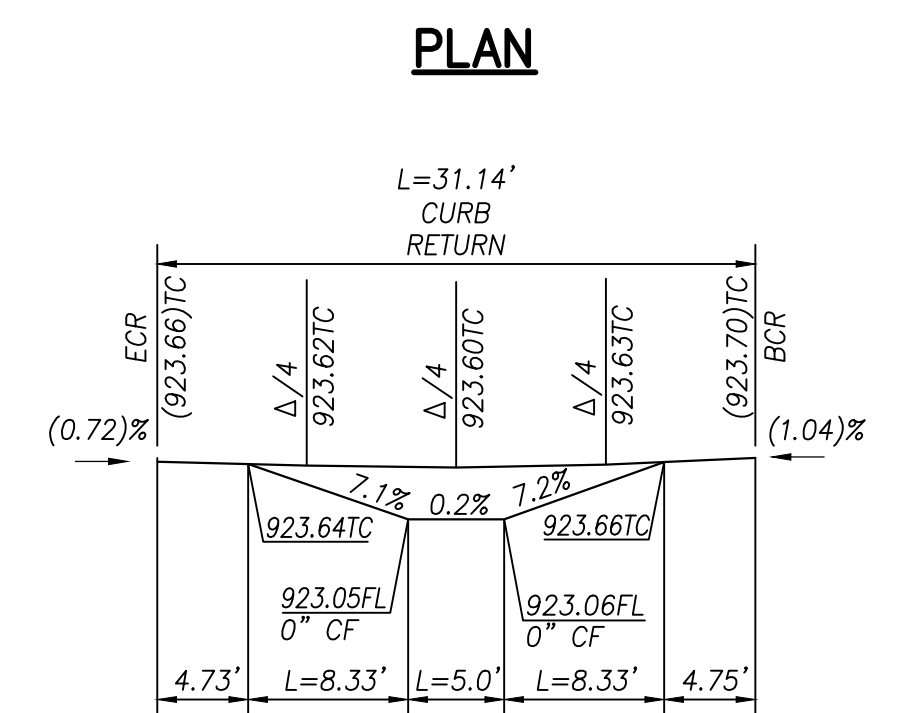
**SE-RAMP #19
PROFILE**

UTILITY LEGEND

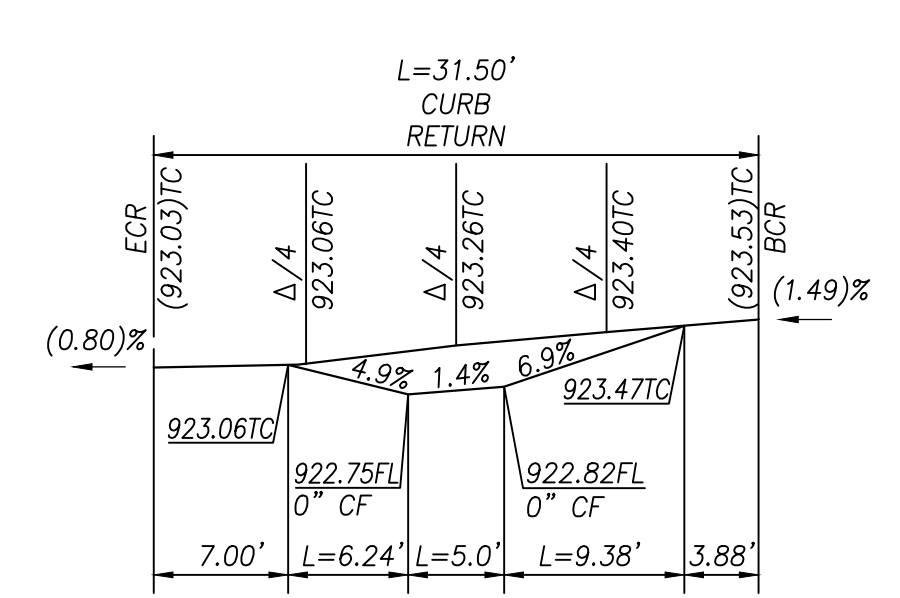
- SEWER
- WATER
- OIL
- ELECTRIC
- STORM DRAIN
- GAS
- COMMUNICATIONS



**SE-RAMP #20
PROFILE**



**NE-RAMP #21
PROFILE**



**NW-RAMP #22
PROFILE**

CURVE DATA

C#	LENGTH	RADIUS	DELTA	TANGENT
C19	48.43	31.50	88.09	30.47
C20	31.64	20.00	90.63	20.22
C21	31.14	20.00	89.21	19.72
C22	31.50	20.00	90.24	20.08

- CONSTRUCTION NOTES**
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 - 17 ADJUST TO GRADE EXISTING WATER LINE.
 - 18 INSTALL 12" WIDE WHITE LIMIT LINE PER CALTRANS STD. PLAN NO. A24E.
 - 19 INSTALL CROSSWALK (TYPE/COLOR PER PLAN) PER CALTRANS STD. PLAN NO. A24F.
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E. GRAND AVENUE @ S. EAST END AVENUE
SCALE: 1"=10'

GROVE STREET @ ADA AVENUE
SCALE: 1"=10'

HOWARD STREET @ BEL AIR AVENUE
SCALE: 1"=10'

DISPOSITION NOTES

- P PROTECT IN PLACE
- M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND

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- ASPHALT CONCRETE COLD PLANE
- PORTLAND CEMENT CONCRETE
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NV5

WWW.NV5.COM
163 TECHNOLOGY DRIVE
SUITE 100 IRVINE, CA 92618
TEL: (949) 585-1477

DAVID NIKNAFS, P.E.
6/5/23
DATE

REGISTERED PROFESSIONAL ENGINEER

DAVID NIKNAFS

No. 42697

CIVIL

STATE OF CALIFORNIA

MARK CHANGES

NO CHANGES

RESIDENT ENGINEER

DATE

FIELD CHANGES

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AB/SN
DRAWN BY: AB/SN
CHECKED BY: DN
RECOMMENDED BY: [Signature]

DATE: 6/27/2023

APPROVED BY: [Signature]

DATE: 6/27/2023

CARLOS SEANEZ, P.E.
SUPERVISING ENGINEER

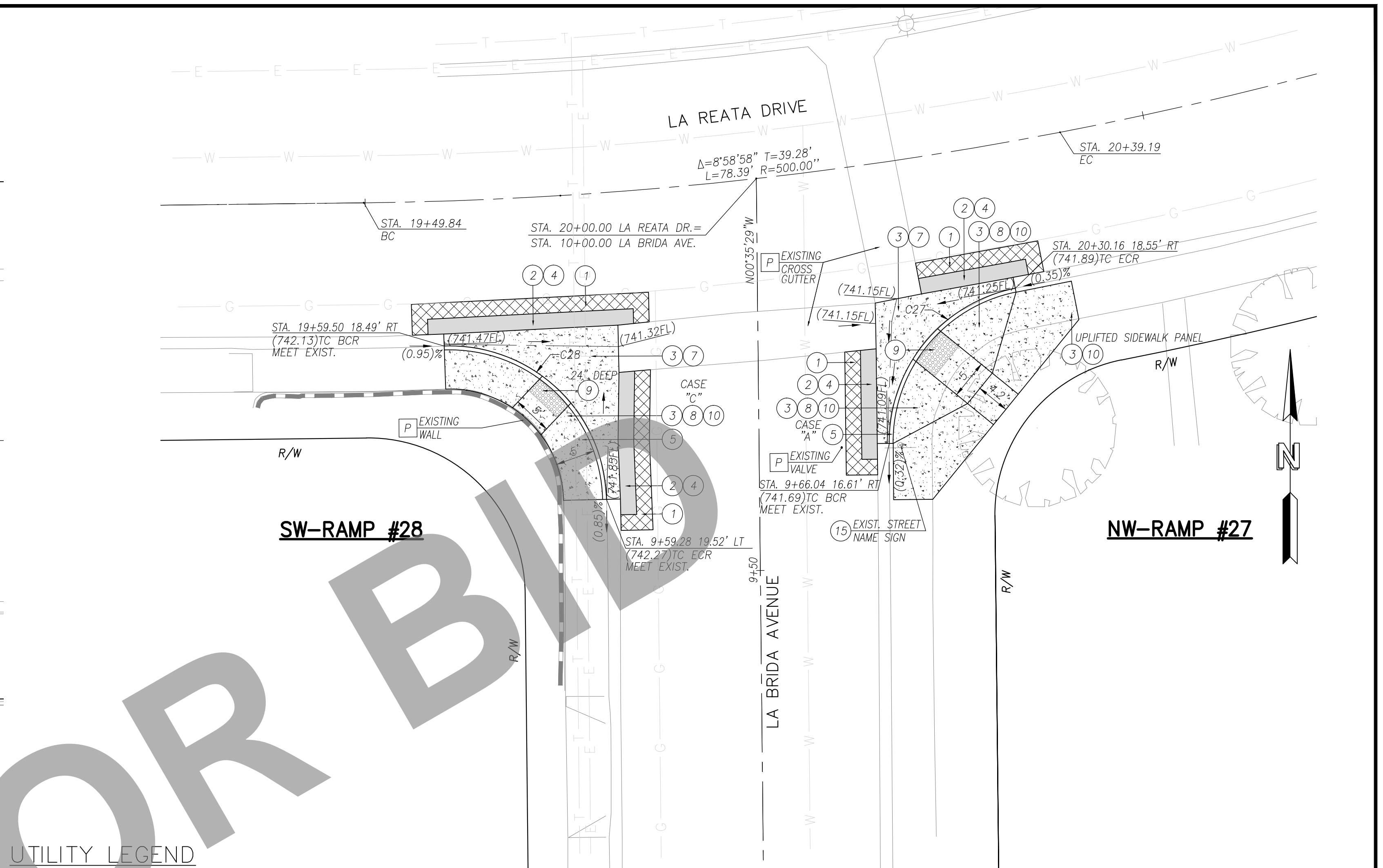
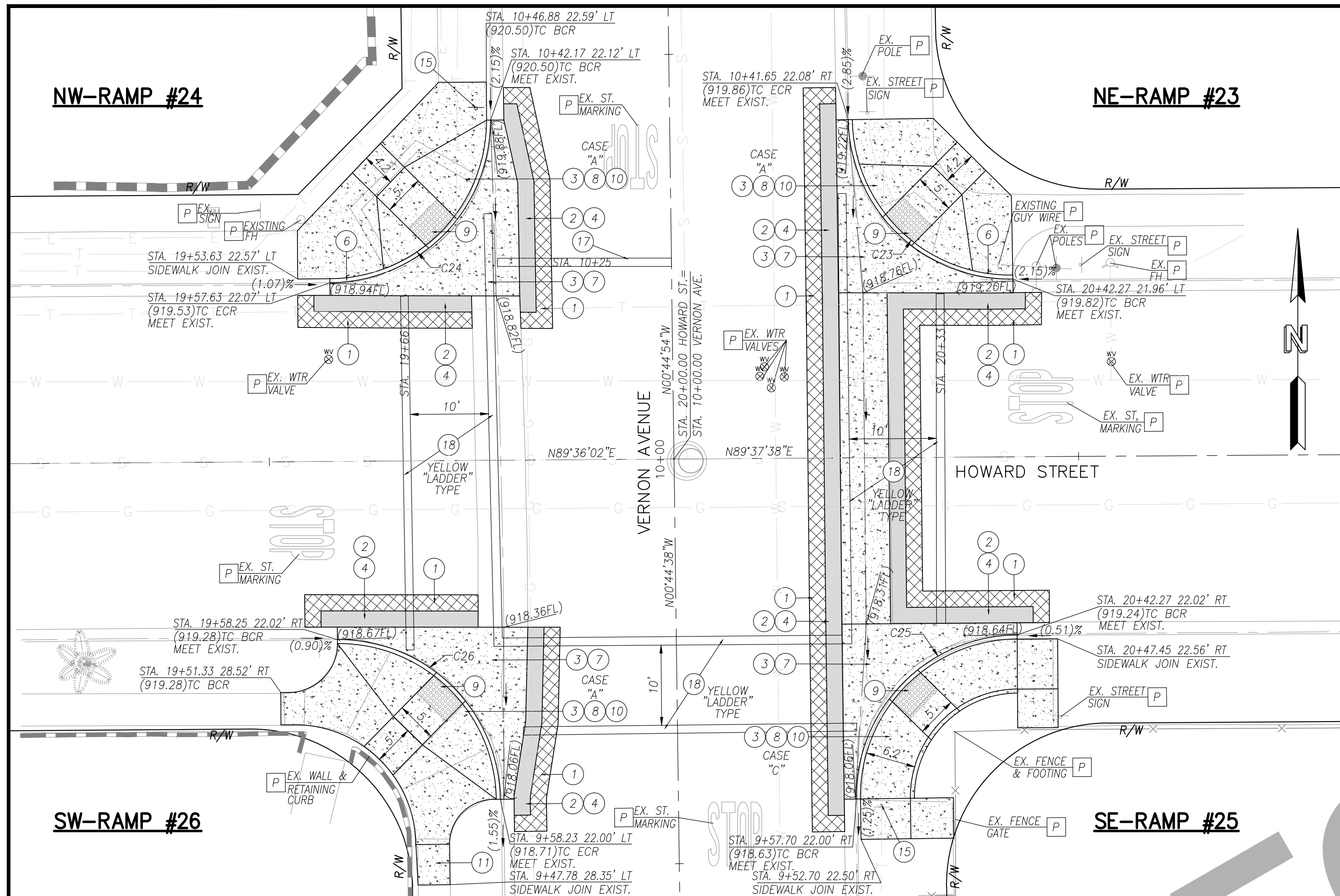
MERVYN N. MIKHAIL, P.E.
DEPUTY DIRECTOR

CHINO/MONTCLAIR AREA
ADA RAMPS

PLANS & PROFILES

SAN BERNARDINO COUNTY
AND IN THE CITY OF MONTCLAIR

J.L. REF. W.O. NO. PLAN SCALE SH.T. NO. TOT. SH.TS.
J.L.#0014 H15061 AS SHOWN 6 12

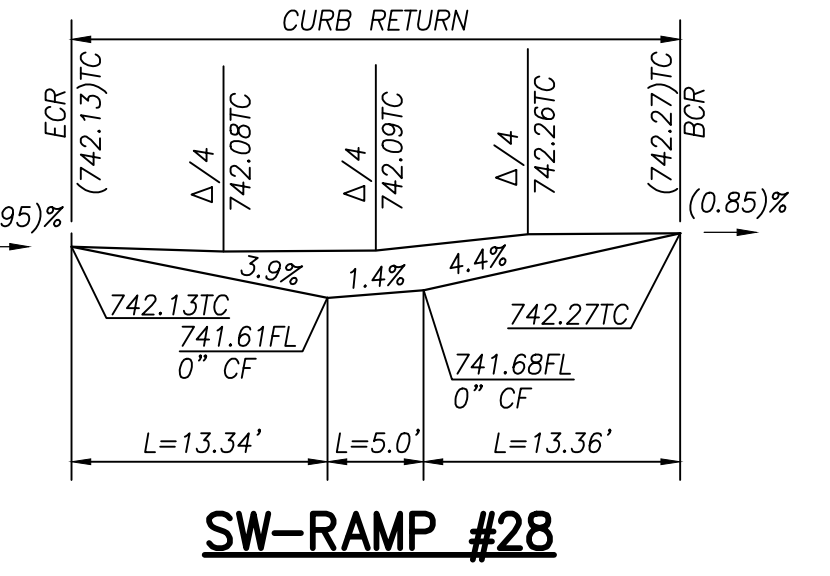
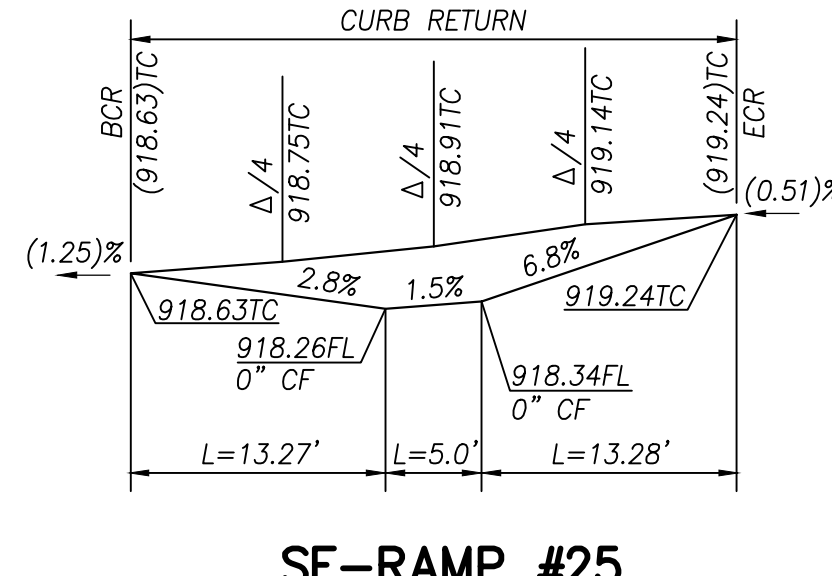
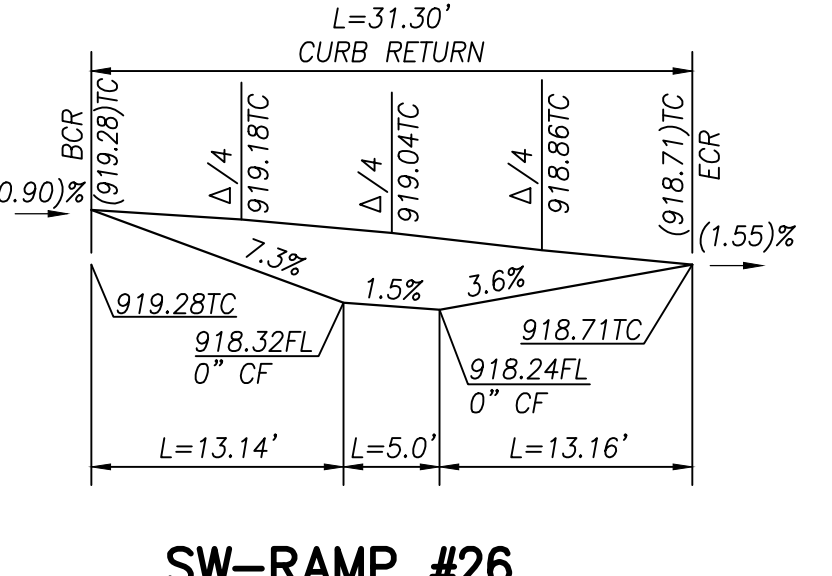
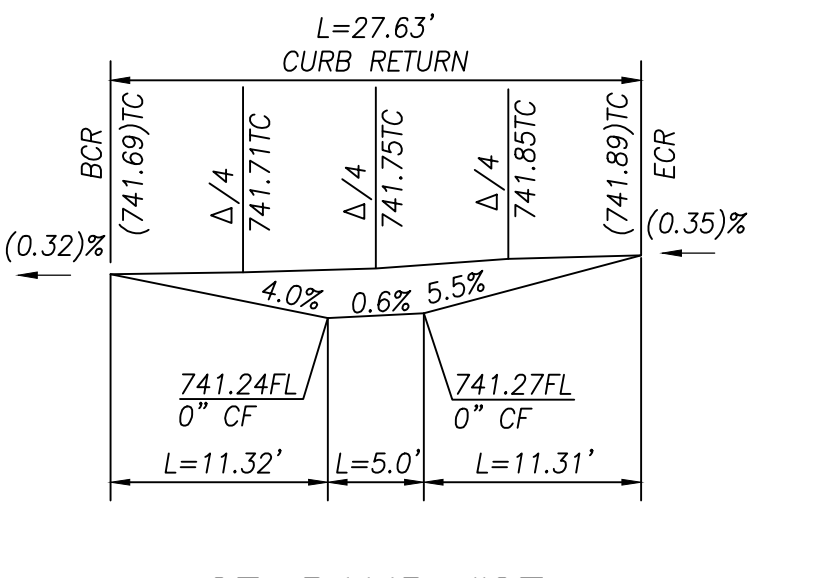
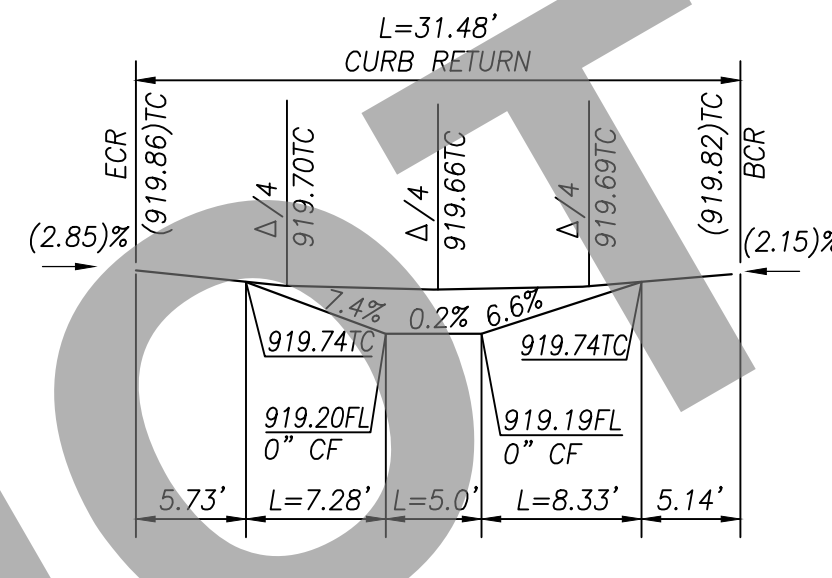
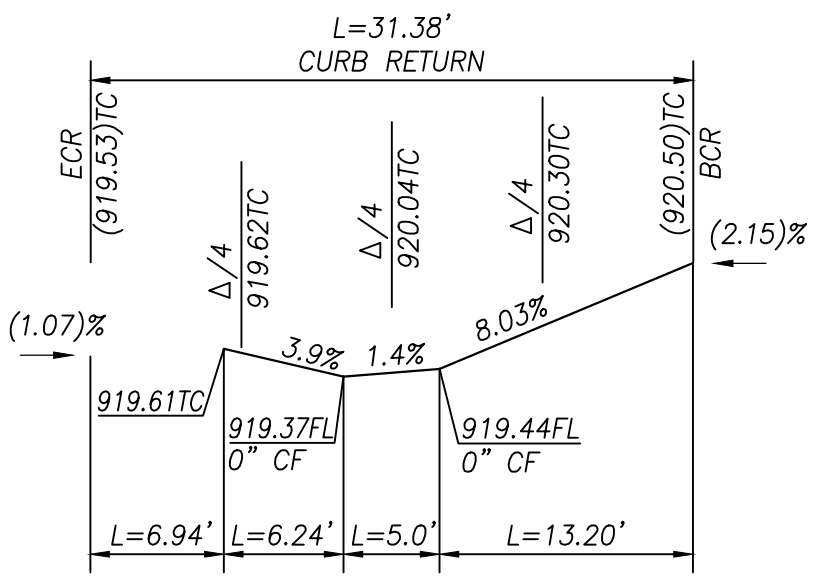


UTILITY LEGEND

- SEWER
- WATER
- OIL
- ELECTRIC
- STORM DRAIN
- GAS
- COMMUNICATIONS

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C23	31.48	20.00	90.17	20.06
C24	31.38	20.00	89.89	19.96
C25	31.54	20.00	90.36	20.13
C26	31.30	20.00	89.66	19.88
C27	27.63	20.00	79.16	16.53
C28	31.70	20.00	90.81	20.28



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- 8 CONSTRUCT RAMP PER CALTRANS RSP A88A, CASE PER PLANS.
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- 11 CONSTRUCT 5' MIN. SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
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- 13 CONSTRUCT LANDSCAPE ROCK BLANKET PER DETAIL ON SHEET 2.
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- 16 ADJUST TO GRADE EXISTING WATER VALVE.
- 17 INSTALL 12" WIDE WHITE LIMIT LINE PER CALTRANS STD. PLAN NO. A24E.
- 18 INSTALL CROSSWALK (TYPE/COLOR PER PLAN) PER CALTRANS STD. PLAN NO. A24F.
- 19 CONSTRUCT 24" X 24" CONCRETE PAD PER DETAIL ON SHEET 2.
- 20 PAINT CURB RED.
- 21 INSTALL DETECTABLE WARNING PAVER TYPE PER CITY OF MONTECLAIR STD. A-80, AND ADA-2, 12" SQUARE PAVER (BY WASAU PAVING OR APPROVED EQUIVALENT).

DISPOSITION NOTES

- P PROTECT IN PLACE
- M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND

- ASPHALT CONCRETE PAVEMENT
- ASPHALT CONCRETE COLD PLANE
- PORTLAND CEMENT CONCRETE
- ROCK BLANKET TREATMENT

Underground Service Alert

Call: TOLL FREE 1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

PLANS PREPARED UNDER THE SUPERVISION OF:

NV5

WWW.NV5.COM
163 TECHNOLOGY DRIVE
SUITE 100 IRVINE, CA 92618
TEL: (949) 585-0477

6/5/23 DATE

DAVID NIKNAFS, P.E. CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER

DAVID NIKNAFS

No. 42697

CIVIL ENGINEER

STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AB/SN DRAWN BY: AB/SN CHECKED BY: DN RECOMMENDED BY: CHINO

6/27/2023 DATE

APPROVED BY: CARLOS SEANEZ, P.E. SUPERVISING ENGINEER 6/27/2023 DATE

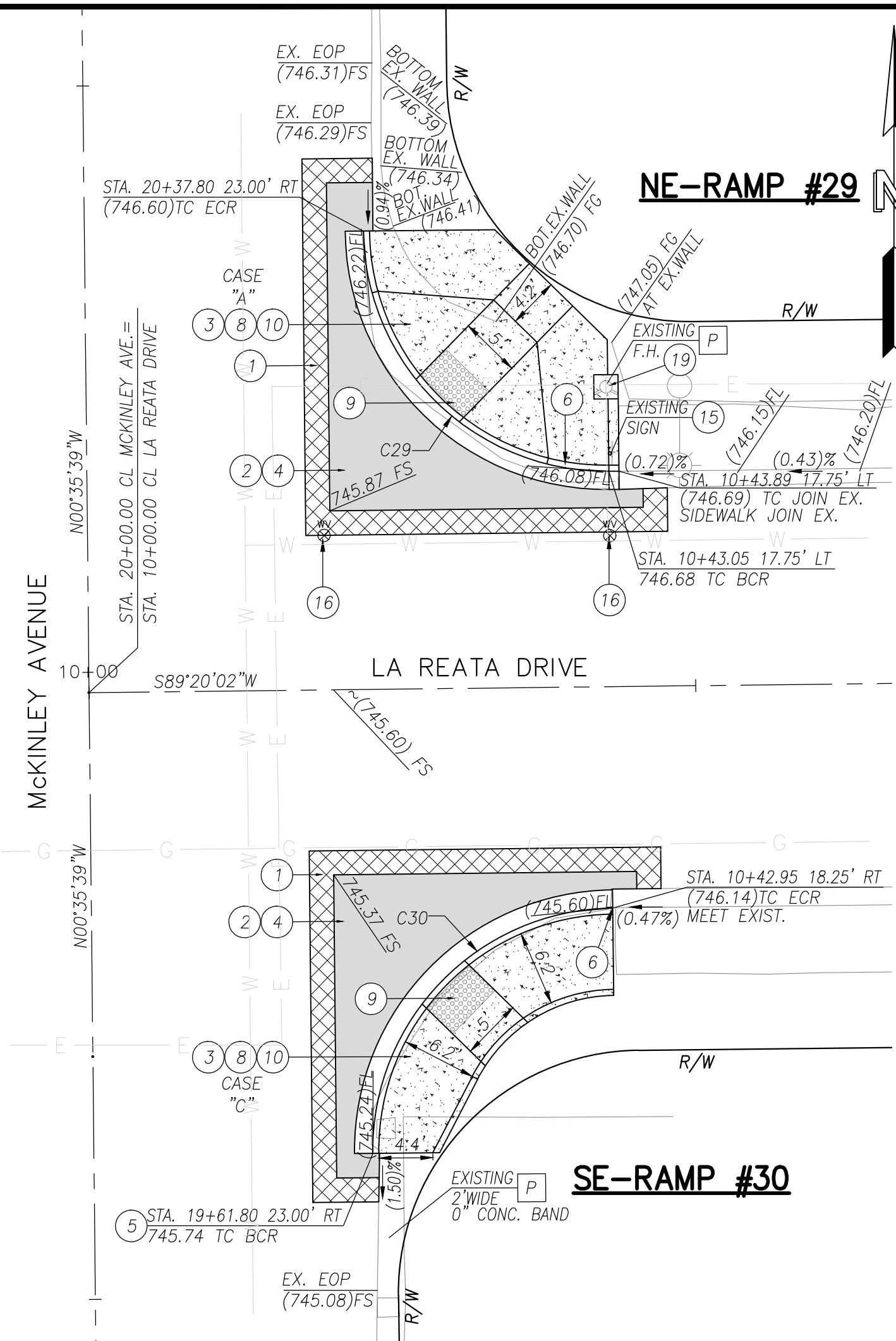
MERVAT N. MIKHAIL, P.E. DEPUTY DIRECTOR 6/27/2023 DATE

CHINO/MONTECLAIR AREA
ADA RAMP
PLANS & PROFILES

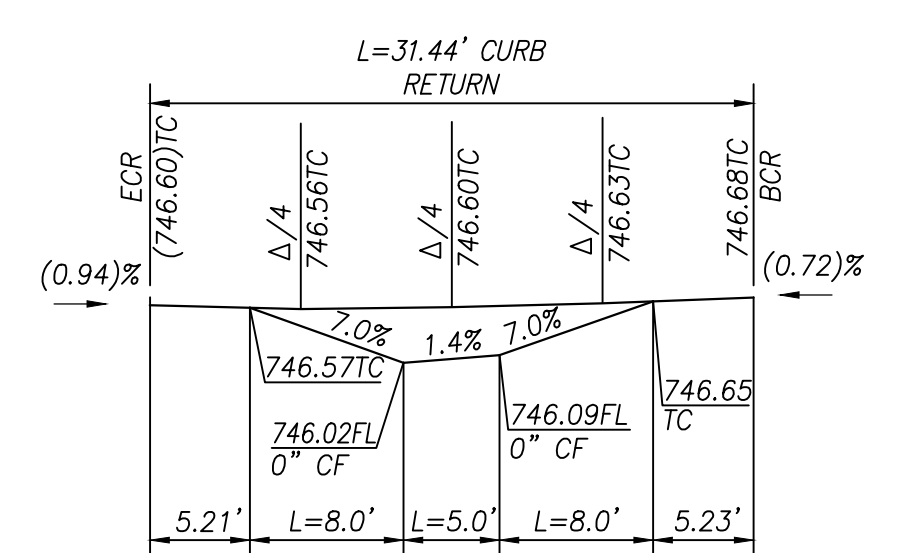
SAN BERNARDINO COUNTY
AND IN THE CITY OF MONTECLAIR

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L.#014	H15061	AS SHOWN	7	12

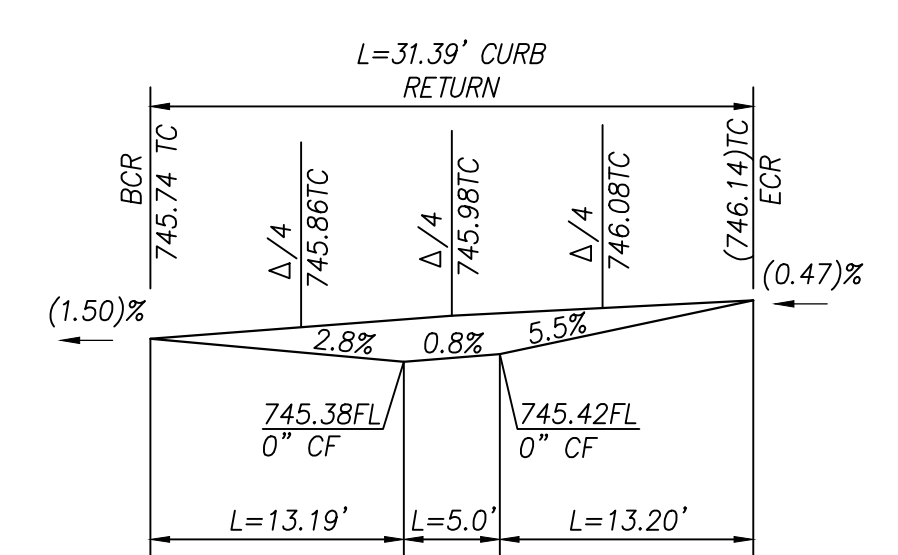
APPR.	DATE	REVISIONS



PLAN

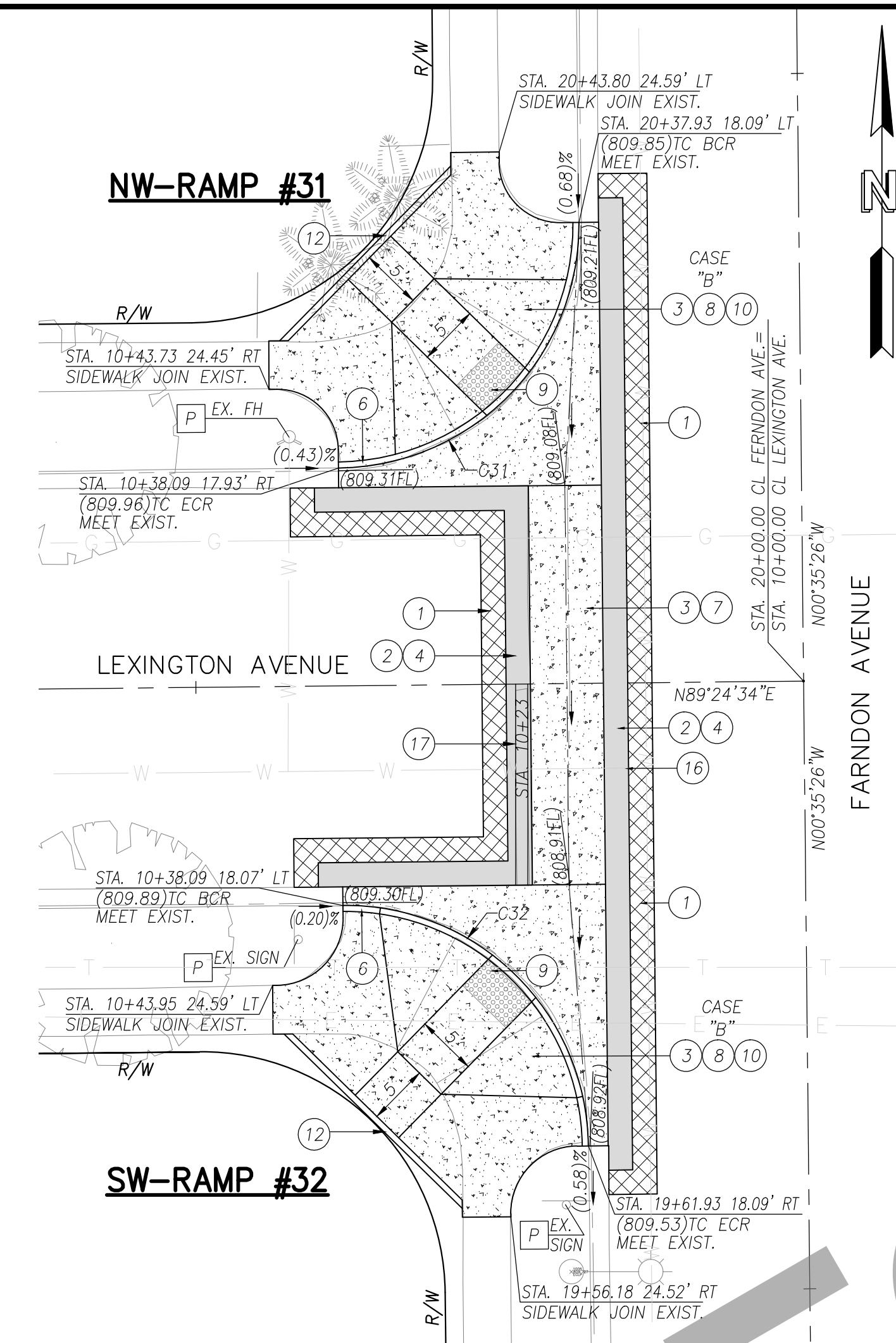


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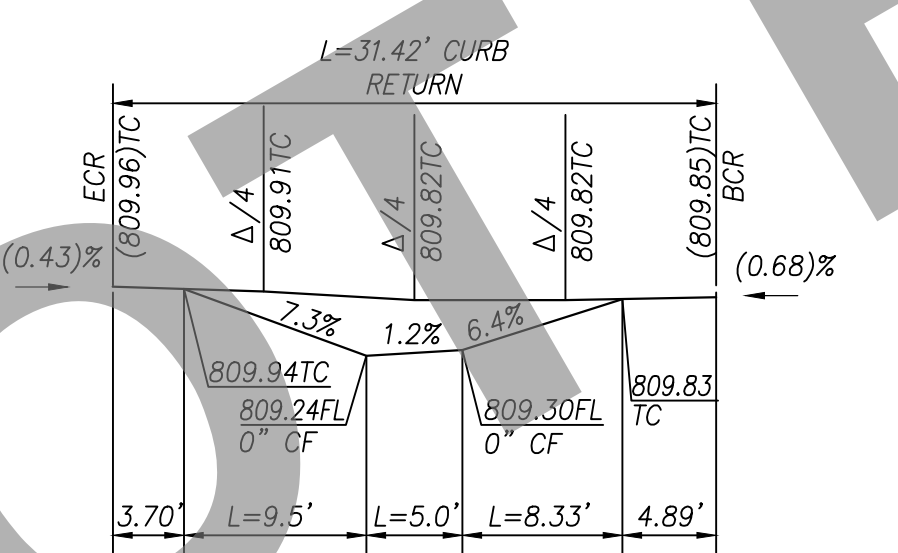


SE-RAMP #30 PROFILE

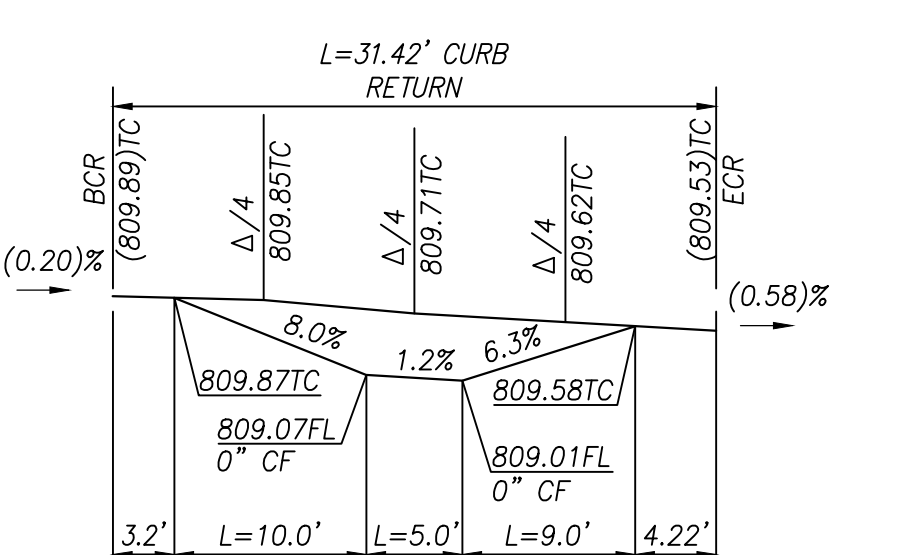
LA REATA DRIVE @ MCKINLEY AVENUE
SCALE: 1"=10'



PLAN

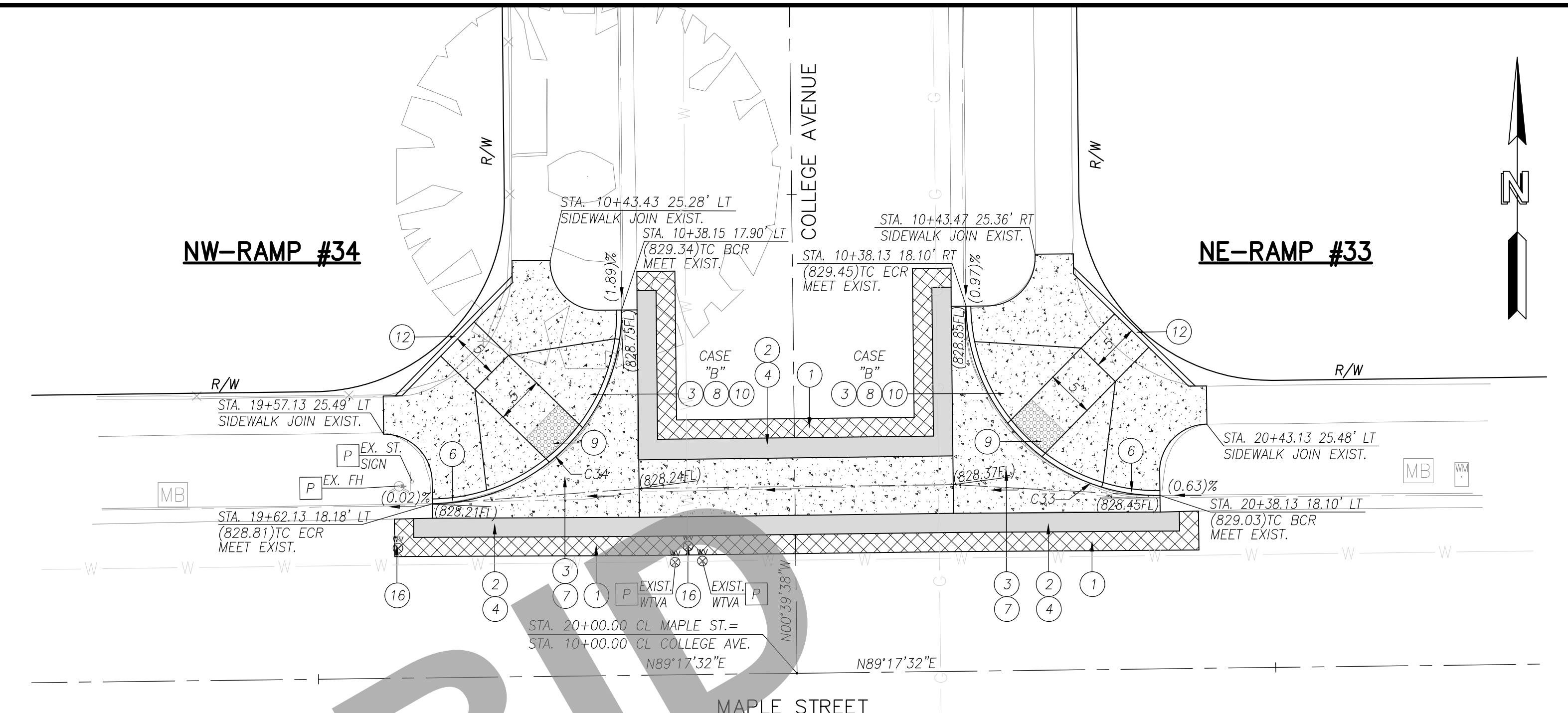


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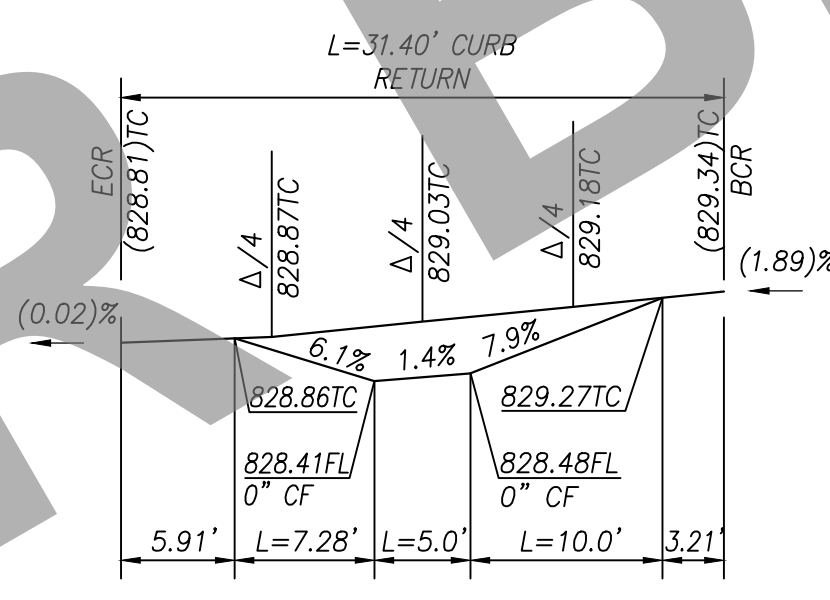
SW-RAMP #32 PROFILE

LEXINGTON AVENUE @ FARDON AVENUE
SCALE: 1"=10'

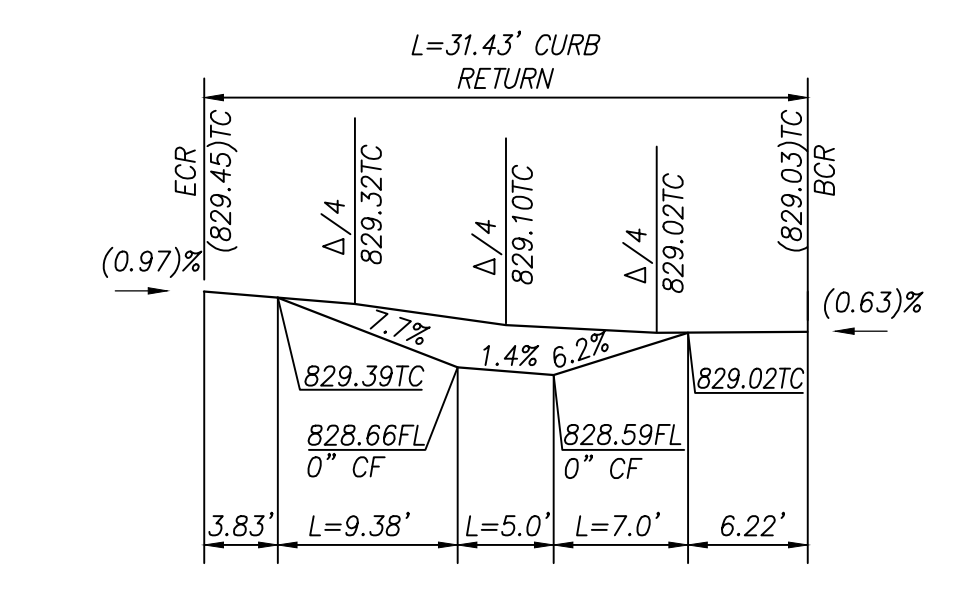


PLAN

PLAN



NW-RAMP #34 PROFILE



NE-RAMP #33 PROFILE

MAPLE STREET @ COLLEGE AVENUE
SCALE: 1"=10'

UTILITY LEGEND

- S — SEWER
- W — WATER
- O — OIL
- E — ELECTRIC
- SD — STORM DRAIN
- G — GAS
- C — COMMUNICATIONS

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CURVE DATA				
C#	LENGTH	RADIUS	DELTA	TANGENT
C29	31.44	20.00	90.07	20.03
C30	31.39	20.00	89.93	19.97
C31	31.42	20.00	90.00	20.00
C32	31.42	20.00	90.00	20.00
C33	31.43	20.00	90.05	20.02
C34	31.40	20.00	89.95	19.98

DISPOSITION NOTES

P PROTECT IN PLACE

M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND

ASPHALT CONCRETE PAVEMENT

ASPHALT CONCRETE COLD PLANE

PORTLAND CEMENT CONCRETE

ROCK BLANKET TREATMENT

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6/5/23 DATE

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REGISTERED PROFESSIONAL ENGINEER

DAVID NIKNAFS

No. 42697

CIVIL

STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AB/SN DRAWN BY: AB/SN CHECKED BY: DN RECOMMENDED BY: CHINO

6/27/2023 DATE

APPROVED BY: CARLOS SEANEZ, P.E. SUPERVISING ENGINEER

6/27/2023 DATE

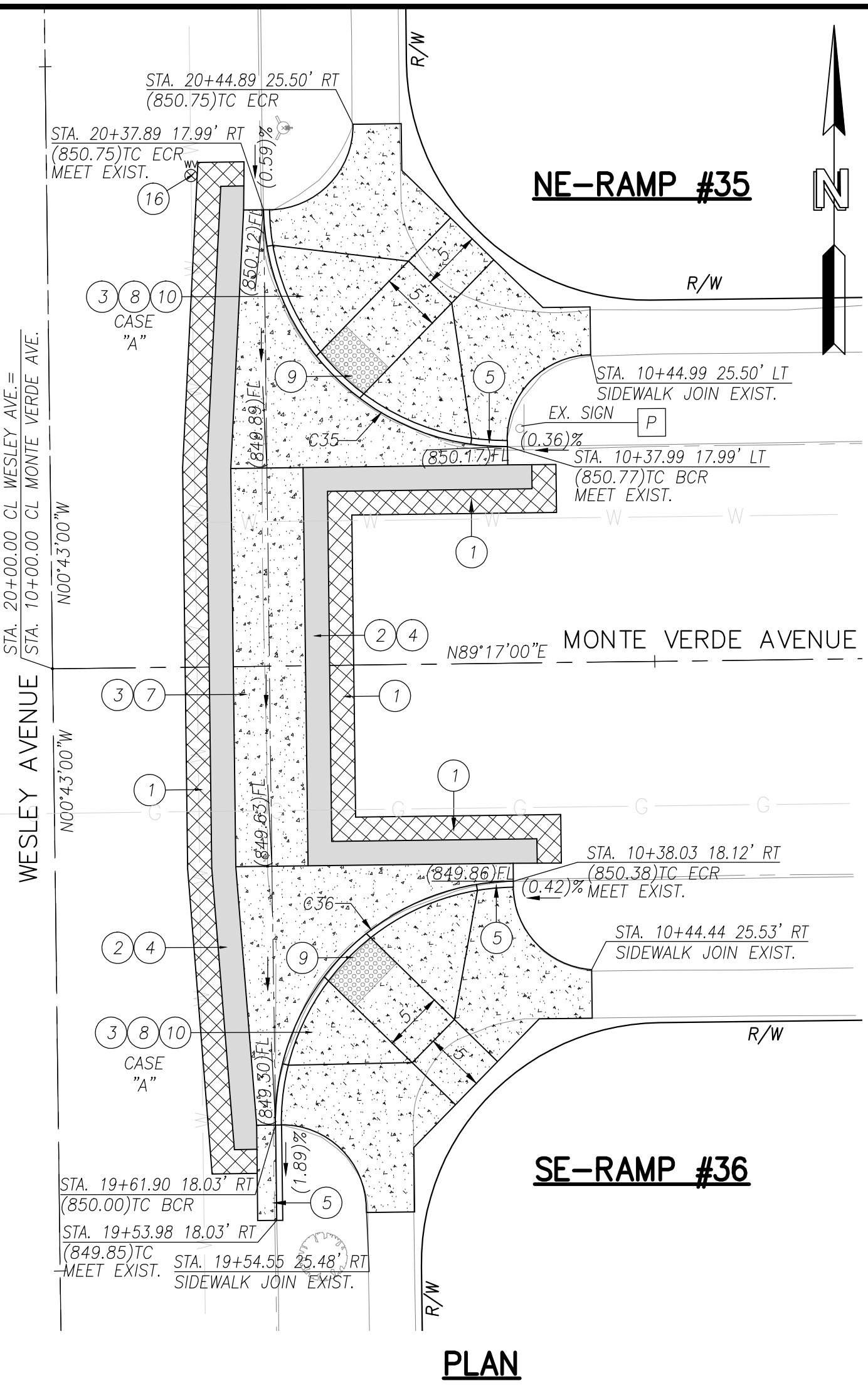
MERVAIN M. MIKHAEL, P.E. DEPUTY DIRECTOR

CHINO/MONTCLAIR AREA
ADA RAMPS
PLANS & PROFILES

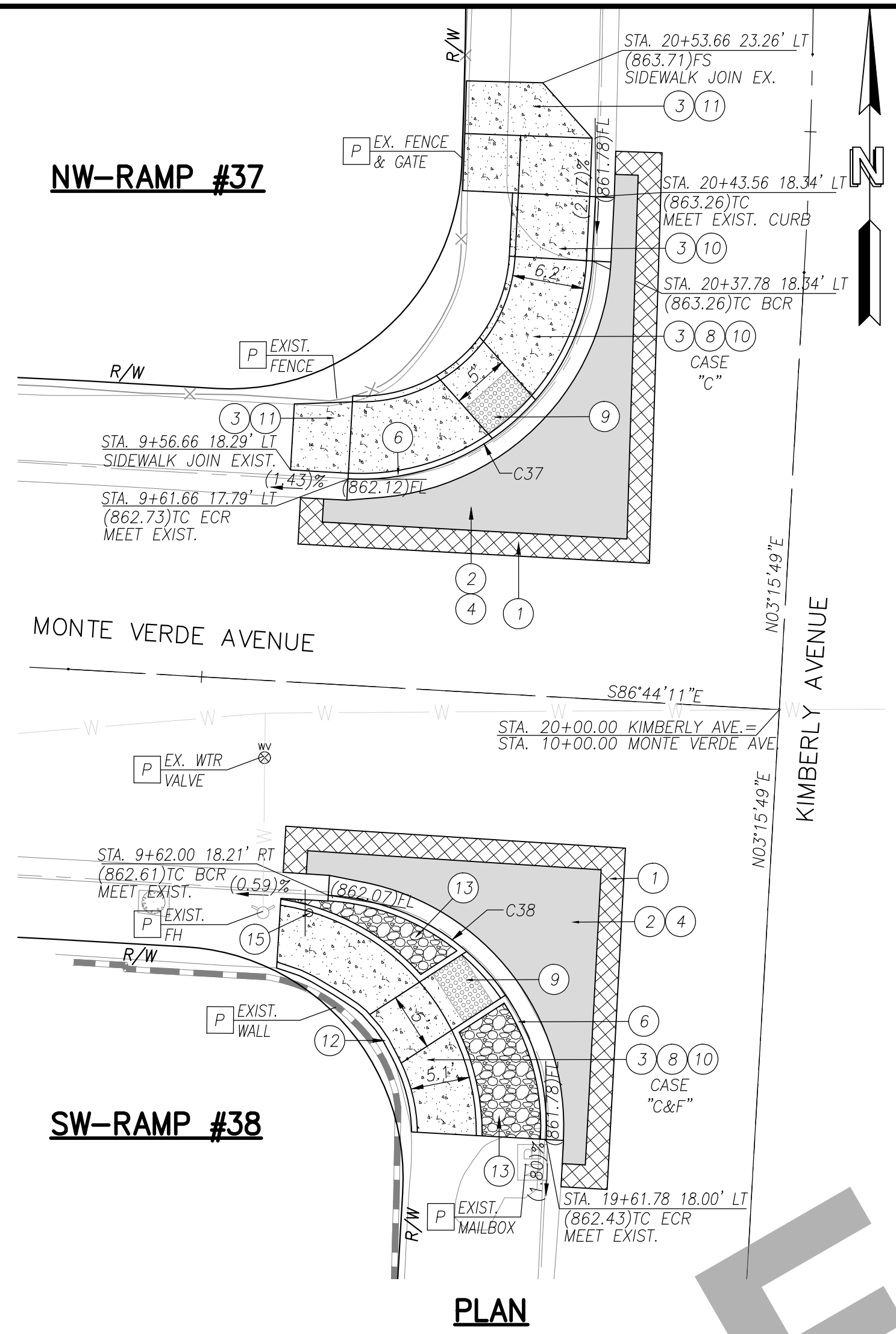
SAN BERNARDINO COUNTY
AND IN THE CITY OF MONTCLAIR

J.L. REF. W.O. NO. PLAN SCALE SH.T. NO. TOT. SH.TS.
J.L.#0014 H15061 AS SHOWN 8 12

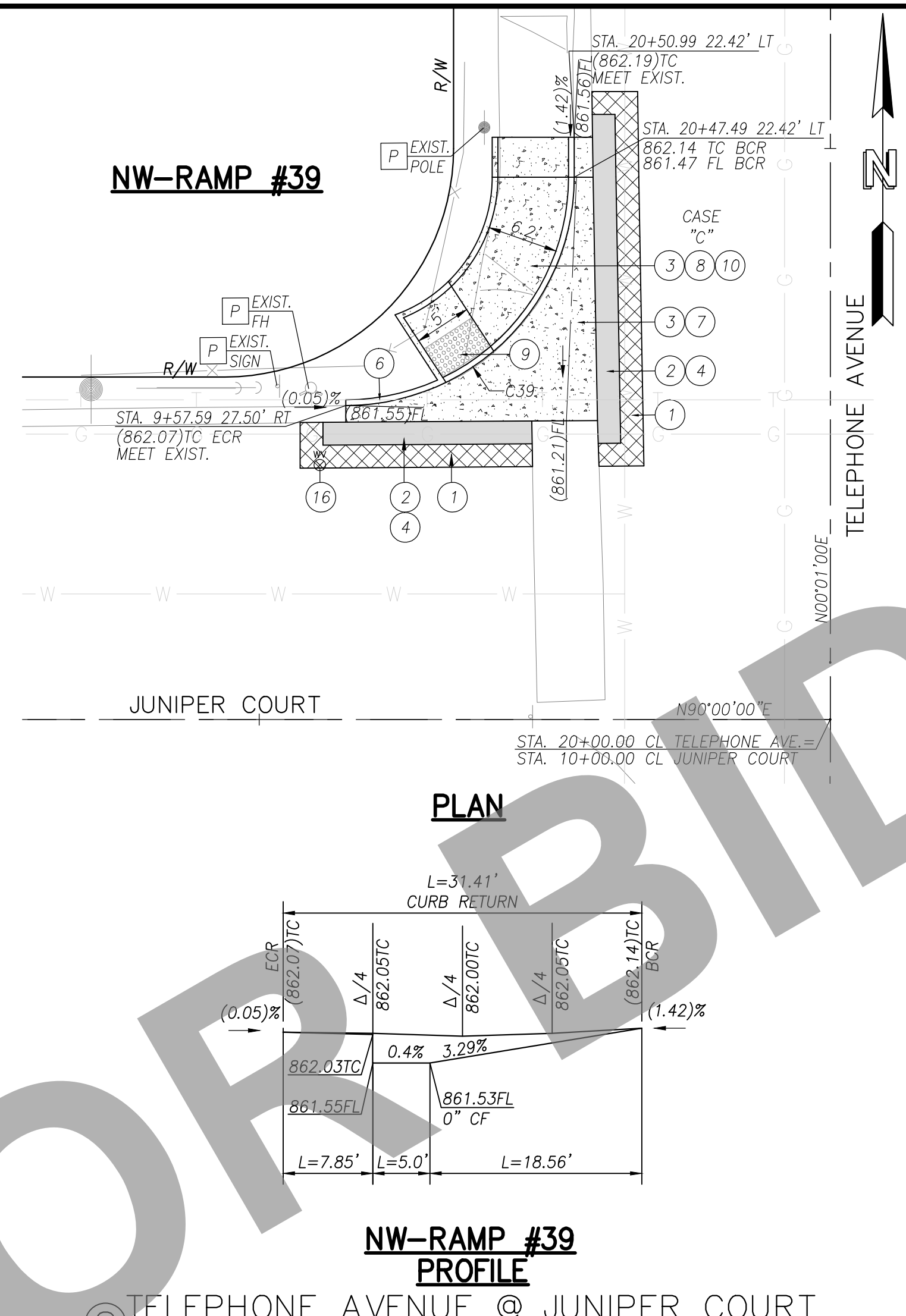
- CONSTRUCTION NOTES**
- ① UTILITIES TO BE RELOCATED AS NOTED ON PLANS. (SEE NOTE U. OF COUNTY GENERAL NOTES ON SHEET 2.)
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 - ② SAW CUT & REMOVE (0.67" THICK) EXISTING ASPHALT CONCRETE, 2" WIDE MINIMUM PER DETAIL ON SHEET 2.
 - ③ SAW CUT & REMOVE EXISTING CONCRETE.
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 - ⑤ CONSTRUCT 6" CURB & GUTTER PER COUNTY STD. 116.
 - ⑥ CONSTRUCT 8" CURB & GUTTER PER COUNTY STD. 115.
 - ⑦ CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD. 119.
 - ⑧ CONSTRUCT RAMP PER CALTRANS RSP AB8A, CASE PER PLANS.
 - ⑨ PLACE 5'x3'D DETECTABLE WARNING SURFACE (DWS) PER CALTRANS RSP AB8A.
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 - ⑭ REMOVE & REPLACE EXIST. LOCAL DEPRESSION (TYPE A) PER COUNTY STD. 203B
 - ⑮ RESET ROADSIDE SIGN PER THE CALIFORNIA MUTCD 2014, FIGURES 2A-2(CA) AND COUNTY STANDARD PLANS 3036 AND 3038.
 - ⑯ ADJUST TO GRADE EXISTING WATER VALVE.
 - ⑰ INSTALL 12" WIDE WHITE LIMIT LINE PER CALTRANS STD. PLAN NO. A24E.
 - ⑱ INSTALL CROSSWALK (TYPE/COLOR PER PLAN) PER CALTRANS STD. PLAN NO. A24F.
 - ⑲ CONSTRUCT 24" X 24" CONCRETE PAD PER DETAIL ON SHEET 2.
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 - ㉑ INSTALL DETECTABLE WARNING PAVER TYPE PER CITY OF MONTCLAIR STD. A-80 AND ADA-2, 12" SQUARE PAVER (BY WASAU/PAVING OR APPROVED EQUIVALENT).



PLAN

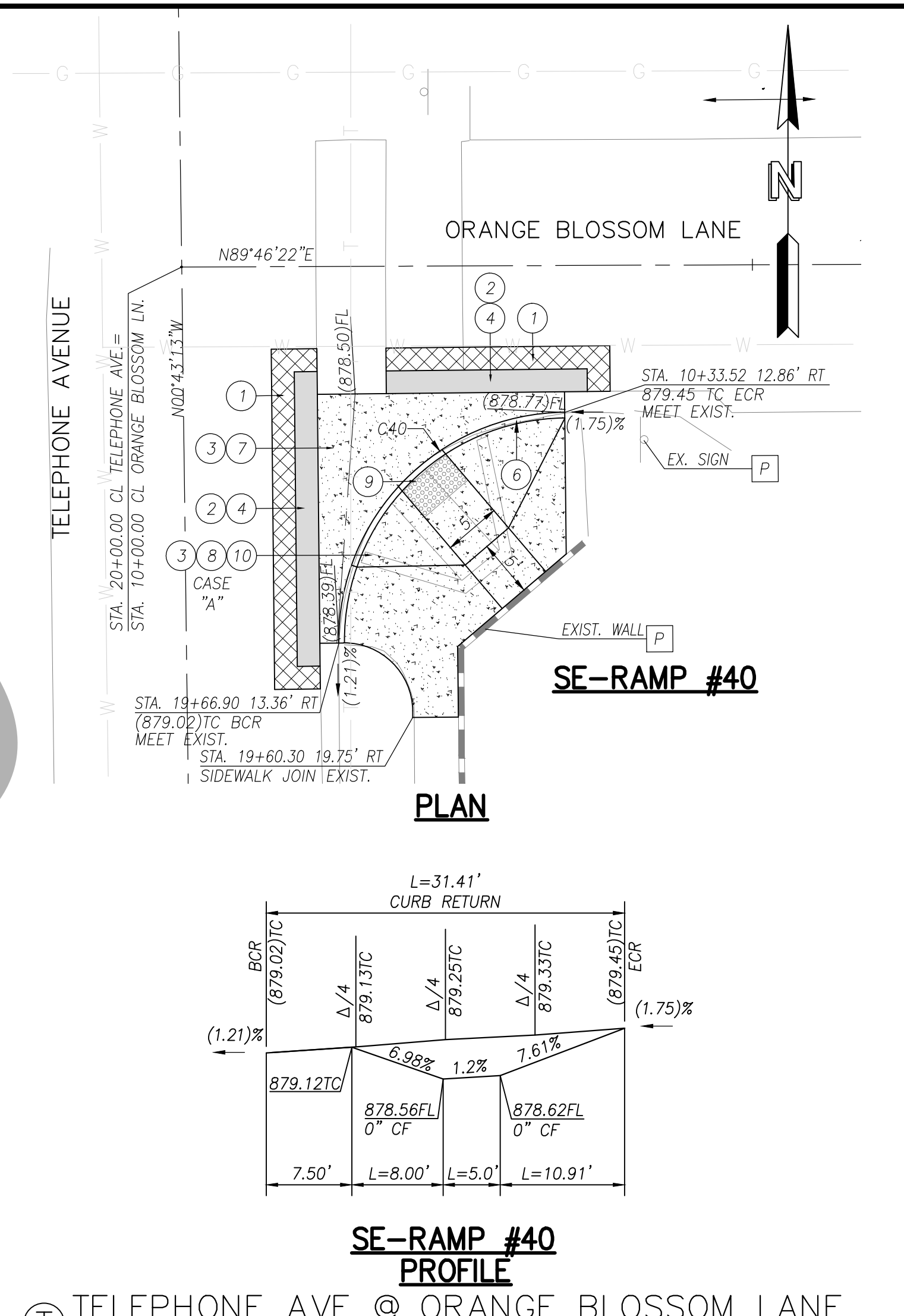


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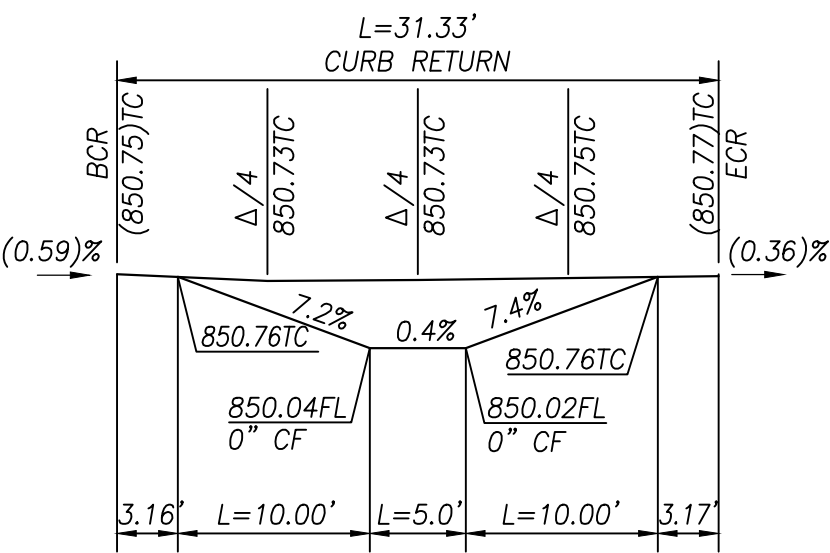
PLAN

NW-RAMP #39 PROFILE
TELEPHONE AVENUE @ JUNIPER COURT
SCALE: 1"=10'

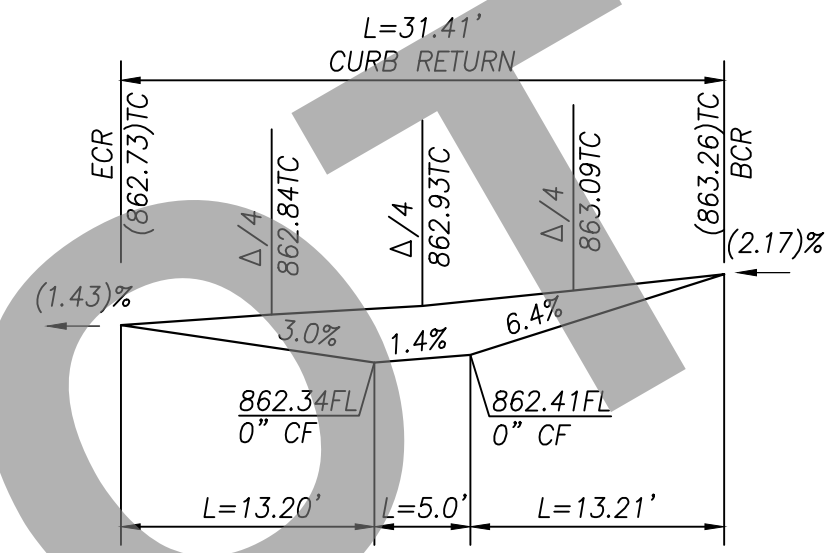


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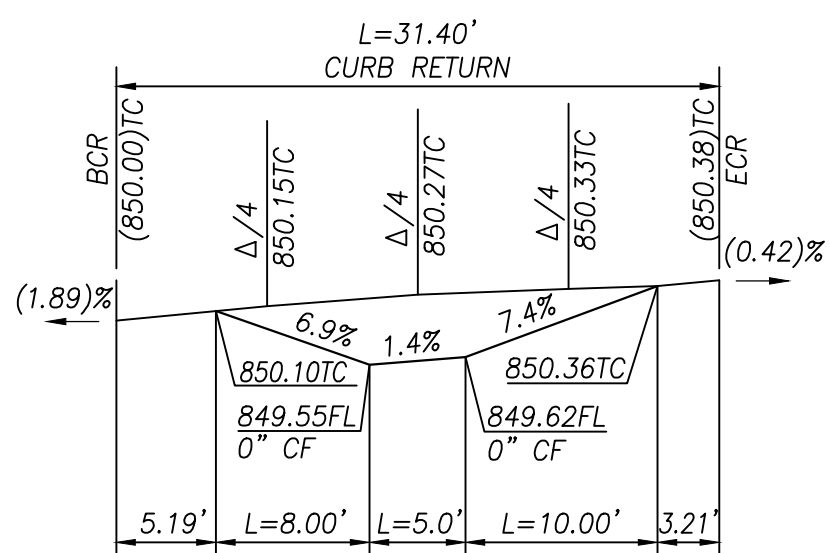
SE-RAMP #40 PROFILE
TELEPHONE AVE @ ORANGE BLOSSOM LANE
SCALE: 1"=10'



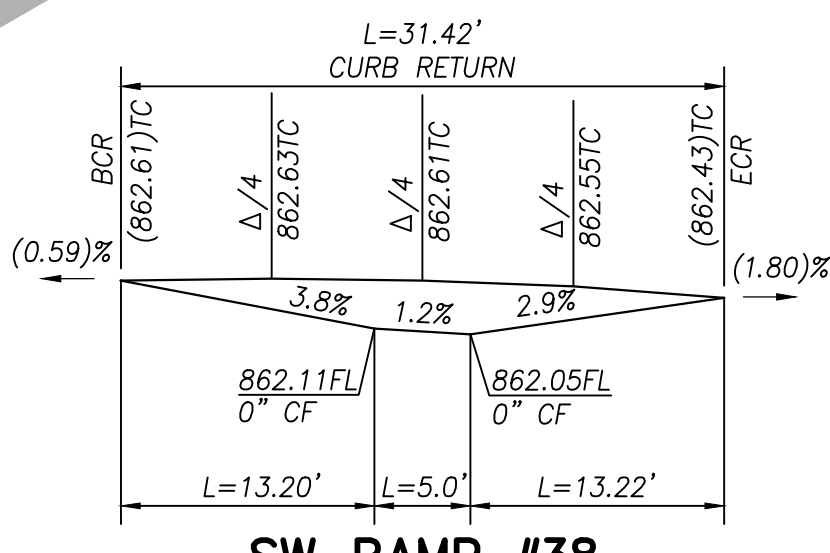
NE-RAMP #35



NW-RAMP #37



SE-RAMP #36



SW-RAMP #38

Q MONTE VERDE AVENUE @ WESLEY AVENUE
SCALE: 1"=10'

R MONTE VERDE AVENUE @ KIMBERLY AVENUE
SCALE: 1"=10'

UTILITY LEGEND

- S SEWER
- W WATER
- O OIL
- E ELECTRIC
- SD STORM DRAIN
- G GAS
- COMMUNICATIONS

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C#	LENGTH	RADIUS	DELTA	TANGENT
C35	31.33	20.00	89.74	19.91
C36	31.40	20.00	89.94	19.98
C37	31.41	20.00	90.00	20.00
C38	31.42	20.00	90.00	20.00
C39	31.41	20.00	89.98	19.99
C40	31.41	20.00	89.98	19.99

CONSTRUCTION NOTES

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DISPOSITION NOTES

- P PROTECT IN PLACE
- M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND

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- ASPHALT CONCRETE COLD PLANE
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6/5/23
DAVID NIKNAFS, P.E. DATE C42697

REGISTERED PROFESSIONAL ENGINEER
DAVID NIKNAFS
No. 42697
CIVIL
STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

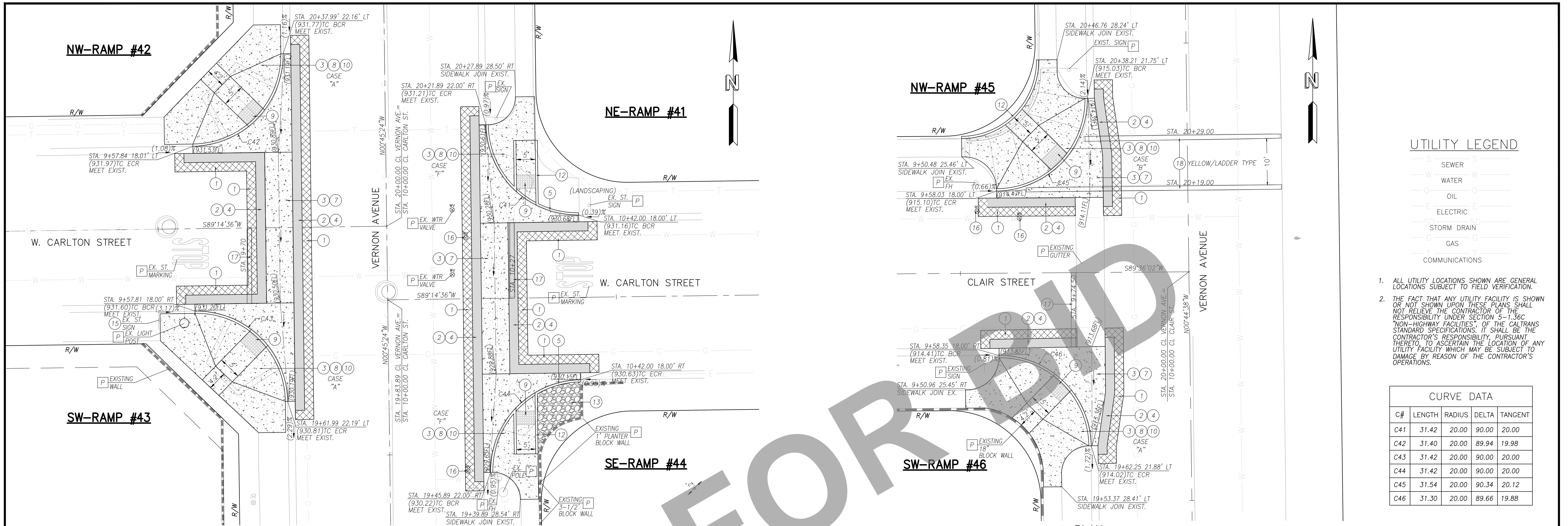
DESIGNED BY: AB/SN
DRAWN BY: AB/SN
CHECKED BY: DN
RECOMMENDED BY: [Signature] 6/27/2023

APPROVED BY: [Signature] 6/27/2023
CARLOS SEANEZ, P.E. SUPERVISING ENGINEER
MELVYN N. MIKHAIL, P.E. DEPUTY DIRECTOR

CHINO/MONTCLAIR AREA
ADA RAMPS
PLANS & PROFILES

SAN BERNARDINO COUNTY
AND IN THE CITY OF MONTCLAIR

J.L. REF. #JL#0014	W.O. NO. H15061	PLAN SCALE AS SHOWN	SHT. NO. 9	TOT. SH'TS. 12
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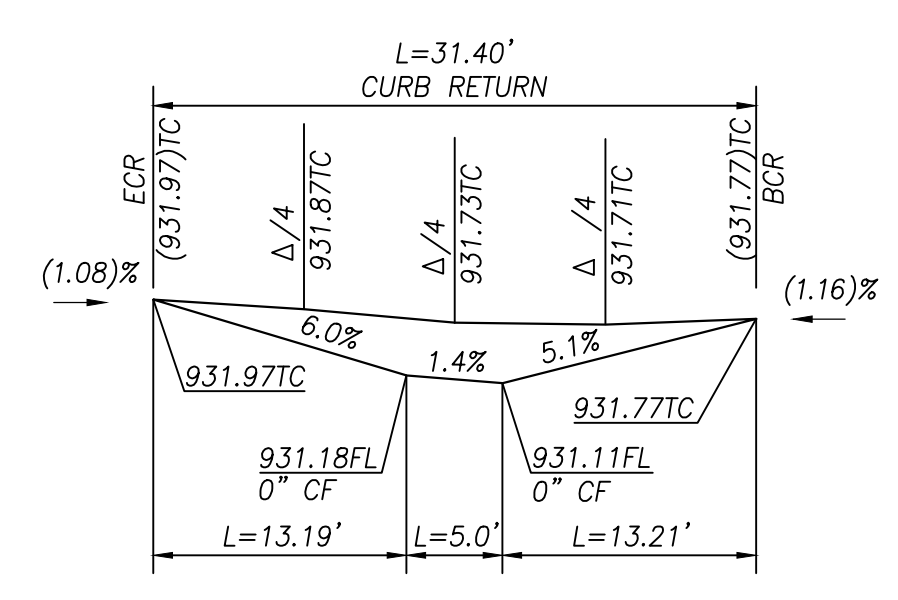
UTILITY LEGEND

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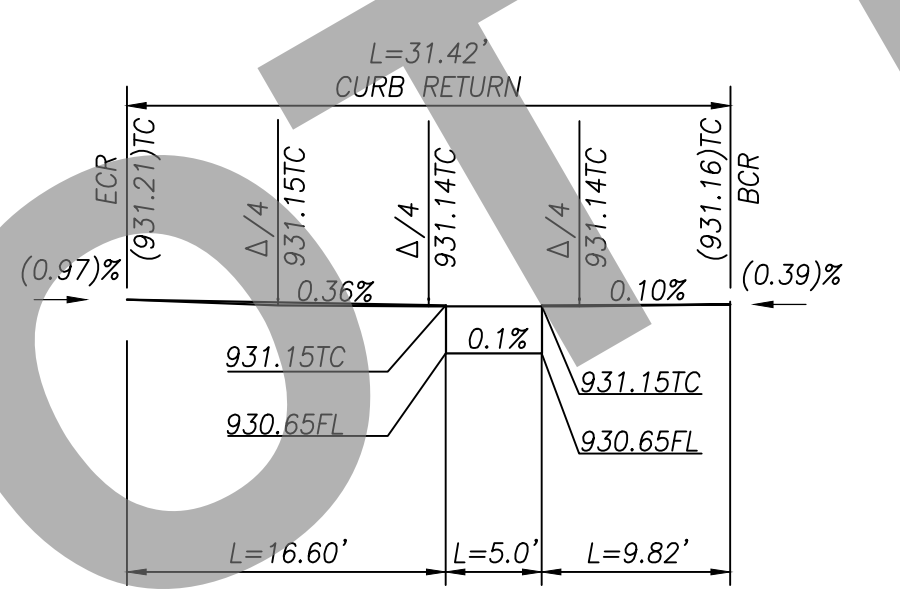
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C42	31.40	20.00	89.94	19.98
C43	31.42	20.00	90.00	20.00
C44	31.42	20.00	90.00	20.00
C45	31.54	20.00	90.34	20.12
C46	31.30	20.00	89.66	19.88

PLAN



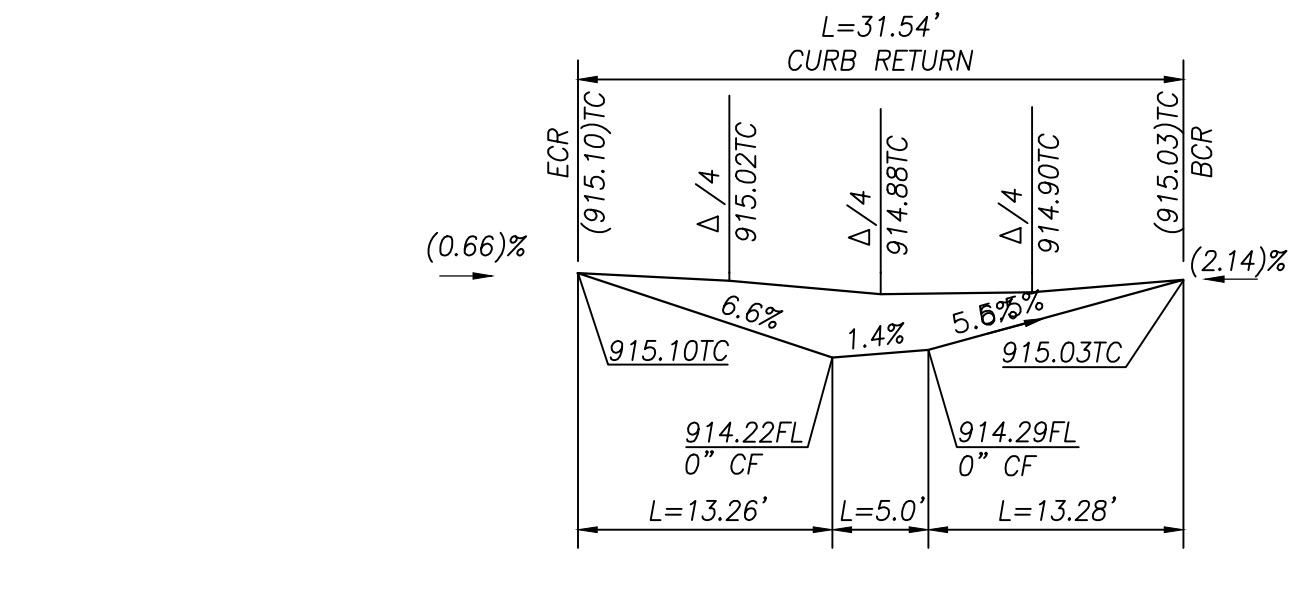
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PLAN



NE-RAMP #41

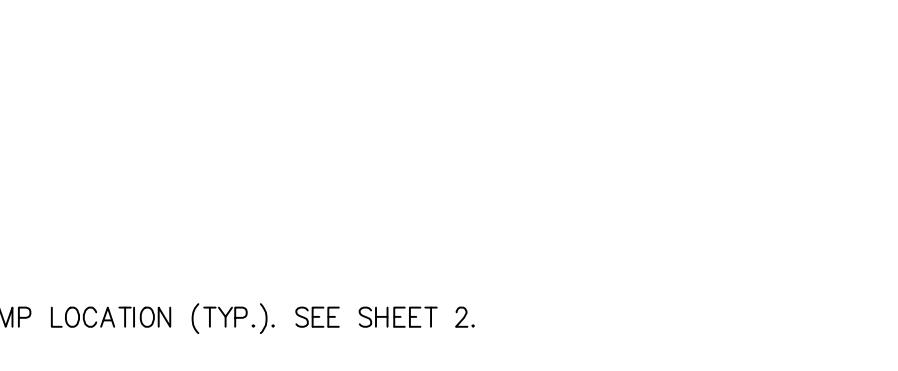
PLAN



NW-RAMP #45

PROFILE

SW-RAMP #43



PROFILE

SE-RAMP #44



PROFILE

SW-RAMP #46



CONSTRUCTION NOTES

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 DAVID NIKNAFS, P.E. DATE

REGISTERED PROFESSIONAL ENGINEER
 DAVID NIKNAFS
 No. 42697
 CIVIL
 STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AB/SN	DRAWN BY: AB/SN	CHECKED BY: DN	RECOMMENDED BY: <i>Chino City</i>
			6/27/2023 DATE
			APPROVED BY: <i>Mervat N. Mikhail</i>
			6/27/2023 DATE

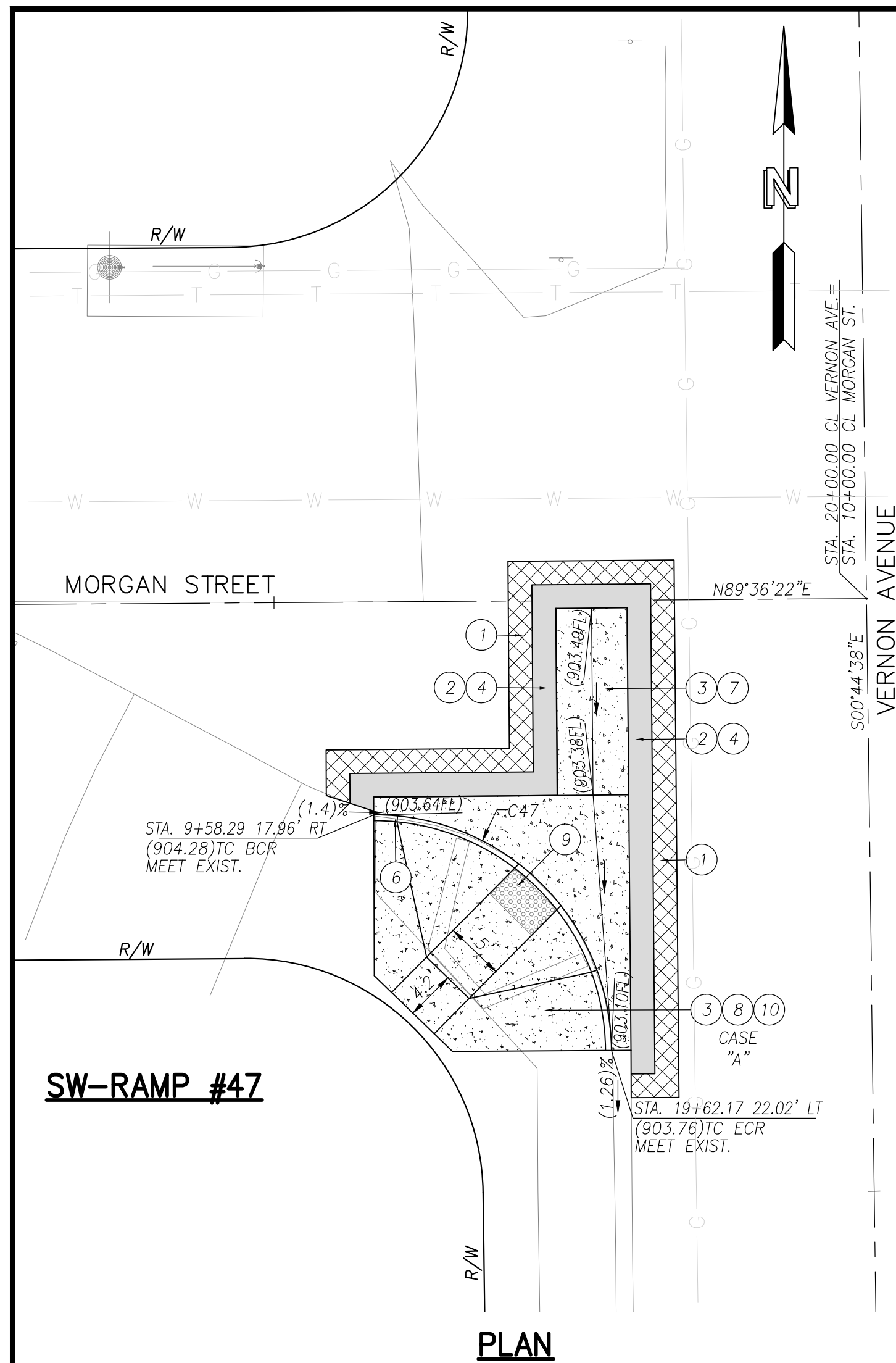
CARLOS SEANEZ, P.E. SUPERVISING ENGINEER

CHINO/MONTCLAIR AREA ADA RAMPS PLANS & PROFILES

SAN BERNARDINO COUNTY AND IN THE CITY OF MONTCLAIR

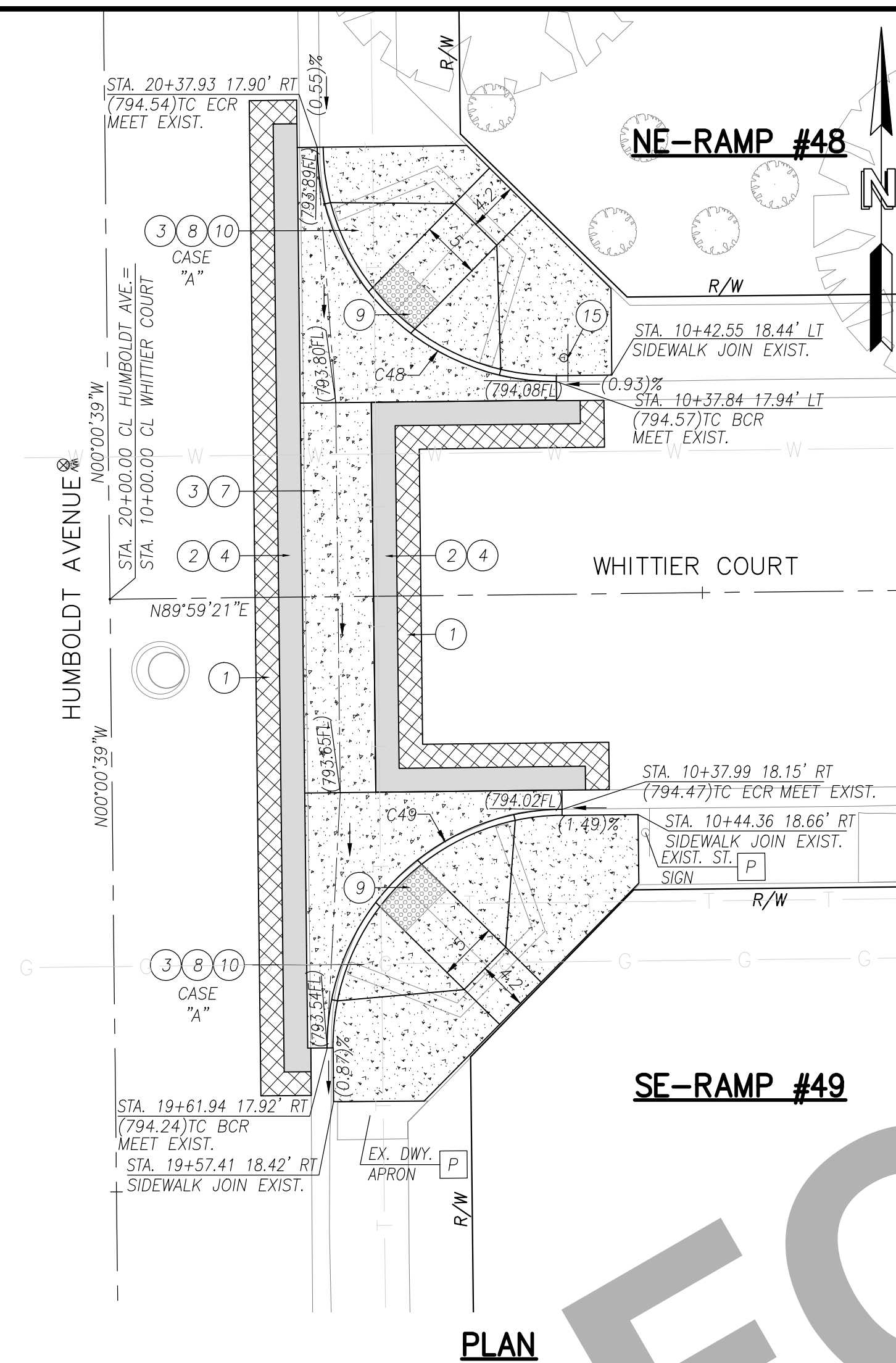
J.L. REF. J.L.#014	W.O. NO. H15061	PLAN SCALE AS SHOWN	SHT. NO. 10	TOT. SHT'S. 12
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REVISIONS	DATE	MARK



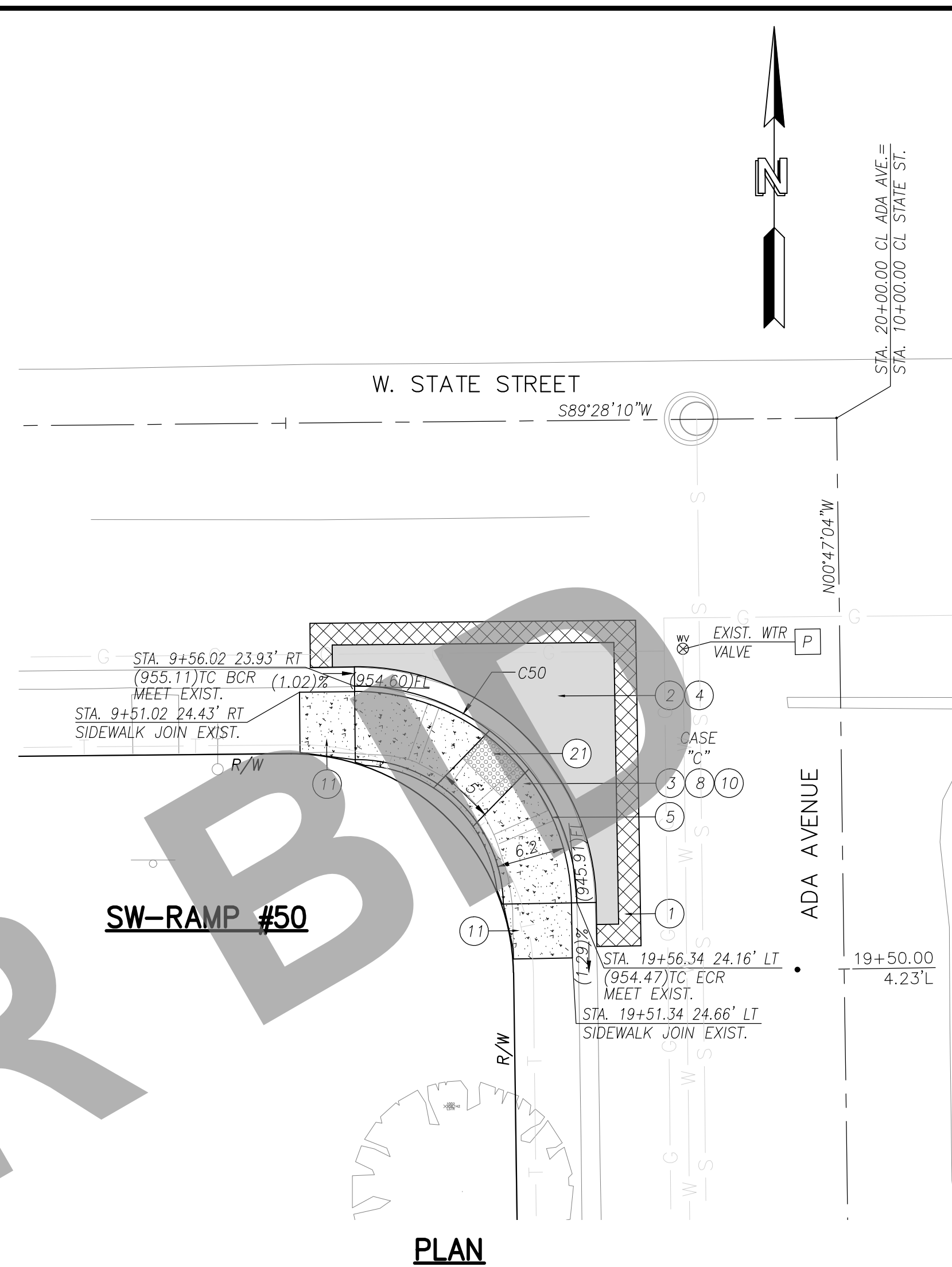
PLAN

SW-RAMP #47



PLAN

SE-RAMP #49



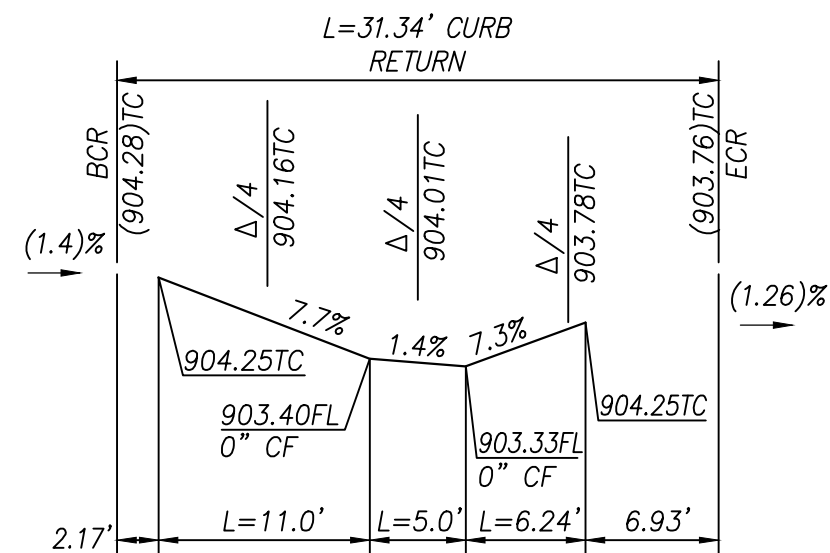
PLAN

SW-RAMP #50

UTILITY LEGEND

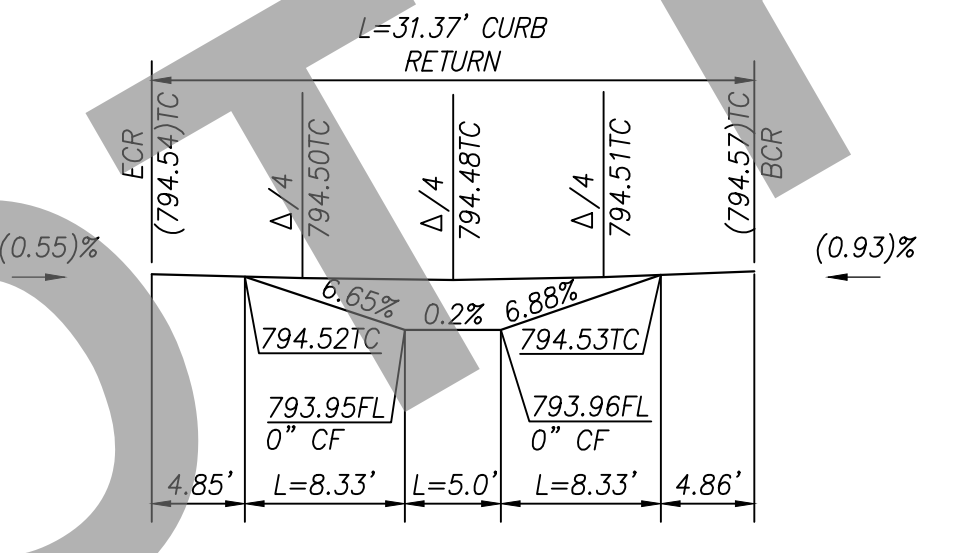
- S SEWER
- W WATER
- O OIL
- E ELECTRIC
- SD STORM DRAIN
- G GAS
- C COMMUNICATIONS

1. ALL UTILITY LOCATIONS SHOWN ARE GENERAL LOCATIONS SUBJECT TO FIELD VERIFICATION.
2. THE FACT THAT ANY UTILITY FACILITY IS SHOWN OR NOT SHOWN UPON THESE PLANS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY UNDER SECTION 5-1.36C "NON-HIGHWAY FACILITIES" OF THE CALTRANS STANDARD SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY, PURSUANT THERETO, TO ASCERTAIN THE LOCATION OF ANY UTILITY FACILITY WHICH MAY BE SUBJECT TO DAMAGE BY REASON OF THE CONTRACTOR'S OPERATIONS.



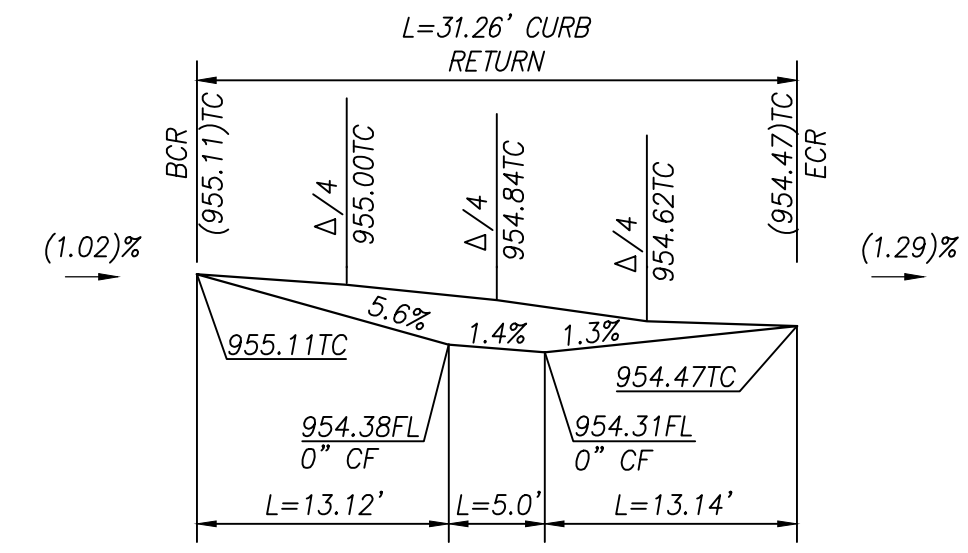
SW-RAMP #47 PROFILE

VERNON AVENUE @ MORGAN STREET
SCALE: 1"=10'



NE-RAMP #48 PROFILE

WHITTIER COURT @ HUMBOLDT AVENUE
SCALE: 1"=10'



SW-RAMP #50 PROFILE

ADA AVENUE @ STATE STREET
SCALE: 1"=10'

CONSTRUCTION NOTES

- ① UTILITIES TO BE RELOCATED AS NOTED ON PLANS. (SEE NOTE U. OF COUNTY GENERAL NOTES ON SHEET 2.)
- ① COLD PLANE (0.20' THICK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THICK) ASPHALT CONCRETE OVERLAY, 2' WIDE MINIMUM.
- ② SAW CUT & REMOVE (0.67' THICK) EXISTING ASPHALT CONCRETE, 2' WIDE MINIMUM PER DETAIL ON SHEET 2.
- ③ SAW CUT & REMOVE EXISTING CONCRETE.
- ④ PLACE 0.67' ASPHALT CONCRETE HMA (TYPE A, 3/4-INCH AGGREGATE GRADATION, PG 64-10PM) OVER COMPACTED NATIVE SOIL PER DETAIL ON SHEET 2.
- ⑤ CONSTRUCT 6" CURB & GUTTER PER COUNTY STD. 116.
- ⑥ CONSTRUCT 8" CURB & GUTTER PER COUNTY STD. 115.
- ⑦ CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD. 119.
- ⑧ CONSTRUCT RAMP PER CALTRANS RSP AB8A, CASE PER PLANS.
- ⑨ PLACE 5'x3'D DETECTABLE WARNING SURFACE (DWS) PER CALTRANS RSP AB8A.
- ⑩ CONSTRUCT CONCRETE SIDEWALK PER COUNTY STANDARD 109 (MODIFIED).
- ⑪ CONSTRUCT 5' MIN. SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
- ⑫ CONSTRUCT W=6" VARIABLE HEIGHT CONCRETE RETAINING CURB PER CALTRANS STANDARD AB8A & AB8B.
- ⑬ CONSTRUCT LANDSCAPE ROCK BLANKET PER DETAIL ON SHEET 2.
- ⑭ REMOVE & REPLACE EXIST. LOCAL DEPRESSION (TYPE A) PER COUNTY STD. 203B
- ⑮ RESET ROADSIDE SIGN PER THE CALIFORNIA MUTCD 2014, FIGURES 2A-2(CA) AND COUNTY STANDARD PLANS 3035 AND 3038.
- ⑯ ADJUST TO GRADE EXISTING WATER VALVE.
- ⑰ INSTALL 12" WIDE WHITE LIMIT LINE PER CALTRANS STD. PLAN NO. A24E.
- ⑱ INSTALL CROSSWALK (TYPE/COLOR PER PLAN) PER CALTRANS STD. PLAN NO. A24F.
- ⑳ CONSTRUCT 24" X 24" CONCRETE PAD PER DETAIL ON SHEET 2.
- ㉑ PAINT CURB RED.
- ㉒ INSTALL DETECTABLE WARNING PAVER TYPE PER CITY OF MONTCLAIR STD. A-80, AND ADA-2, 12" SQUARE PAVER (BY WASAU PAVING OR APPROVED EQUIVALENT).

CURVE DATA				
C#	LENGTH	RADIUS	DELTA	TANGENT
C47	31.34	20.00	89.79	19.93
C48	31.37	20.00	89.86	19.95
C49	31.36	20.00	89.84	19.95
C50	31.26	20.00	89.55	19.84

DISPOSITION NOTES
 P PROTECT IN PLACE
 M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND
 ASPHALT CONCRETE PAVEMENT
 ASPHALT CONCRETE COLD PLANE
 PORTLAND CEMENT CONCRETE
 ROCK BLANKET TREATMENT

Underground Service Alert
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

PLANS PREPARED UNDER THE SUPERVISION OF:
NV5
 WWW.NV5.COM
 163 TECHNOLOGY DRIVE
 SUITE 100 IRVINE, CA 92618
 TEL: (949) 585-0477
 6/5/23
 DAVID NIKNAFS, P.E. DATE

REGISTERED PROFESSIONAL ENGINEER
 DAVID NIKNAFS
 No. 42697
 CIVIL
 STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

SAN BERNARDINO COUNTY
 DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AB/SN
 DRAWN BY: AB/SN
 CHECKED BY: DN
 RECOMMENDED BY: CHINO

DATE: 6/27/2023

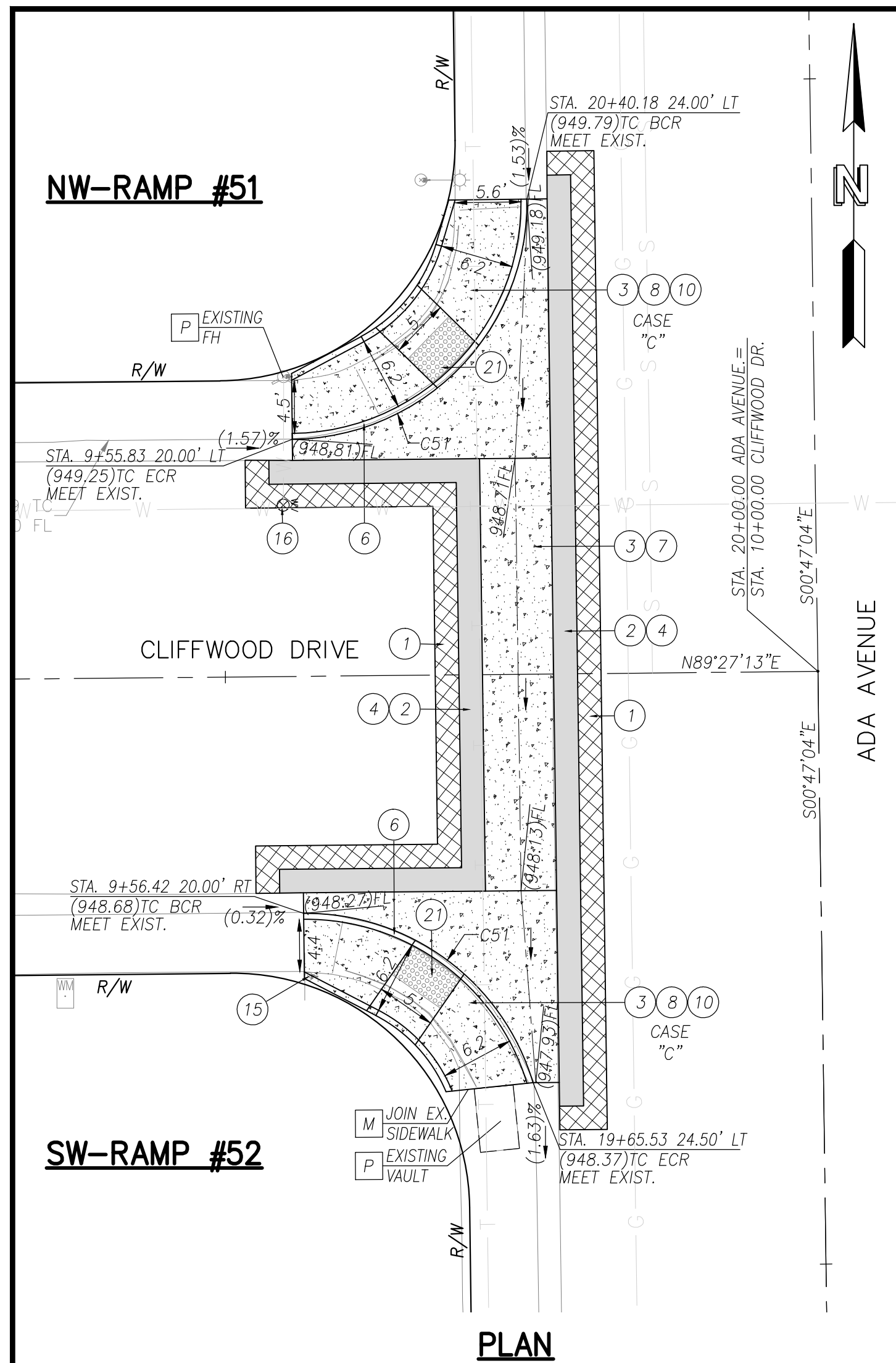
APPROVED BY: CARLOS SEANEZ, P.E. SUPERVISING ENGINEER
 MERRIAT N. MIKHAIL, P.E. DEPUTY DIRECTOR

DATE: 6/27/2023

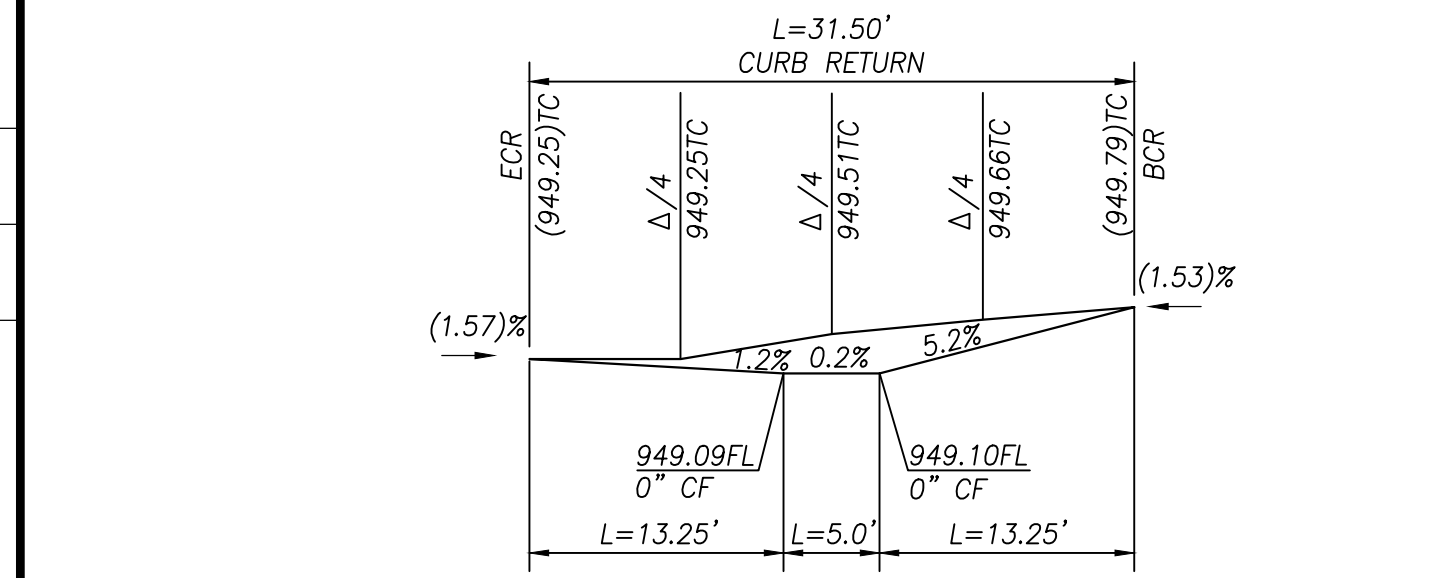
CHINO/MONTCLAIR AREA
 ADA RAMPS
 PLANS & PROFILES

SAN BERNARDINO COUNTY
 AND IN THE CITY OF MONTCLAIR

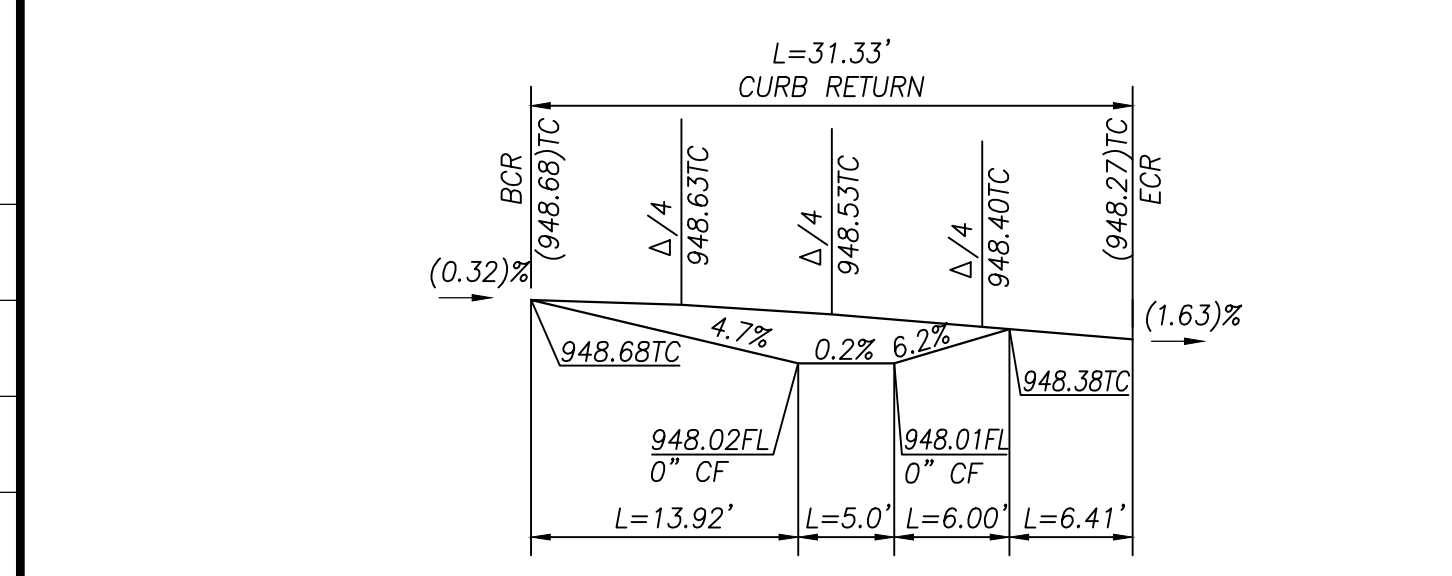
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L.#014	H15061	AS SHOWN	11	12



PLAN

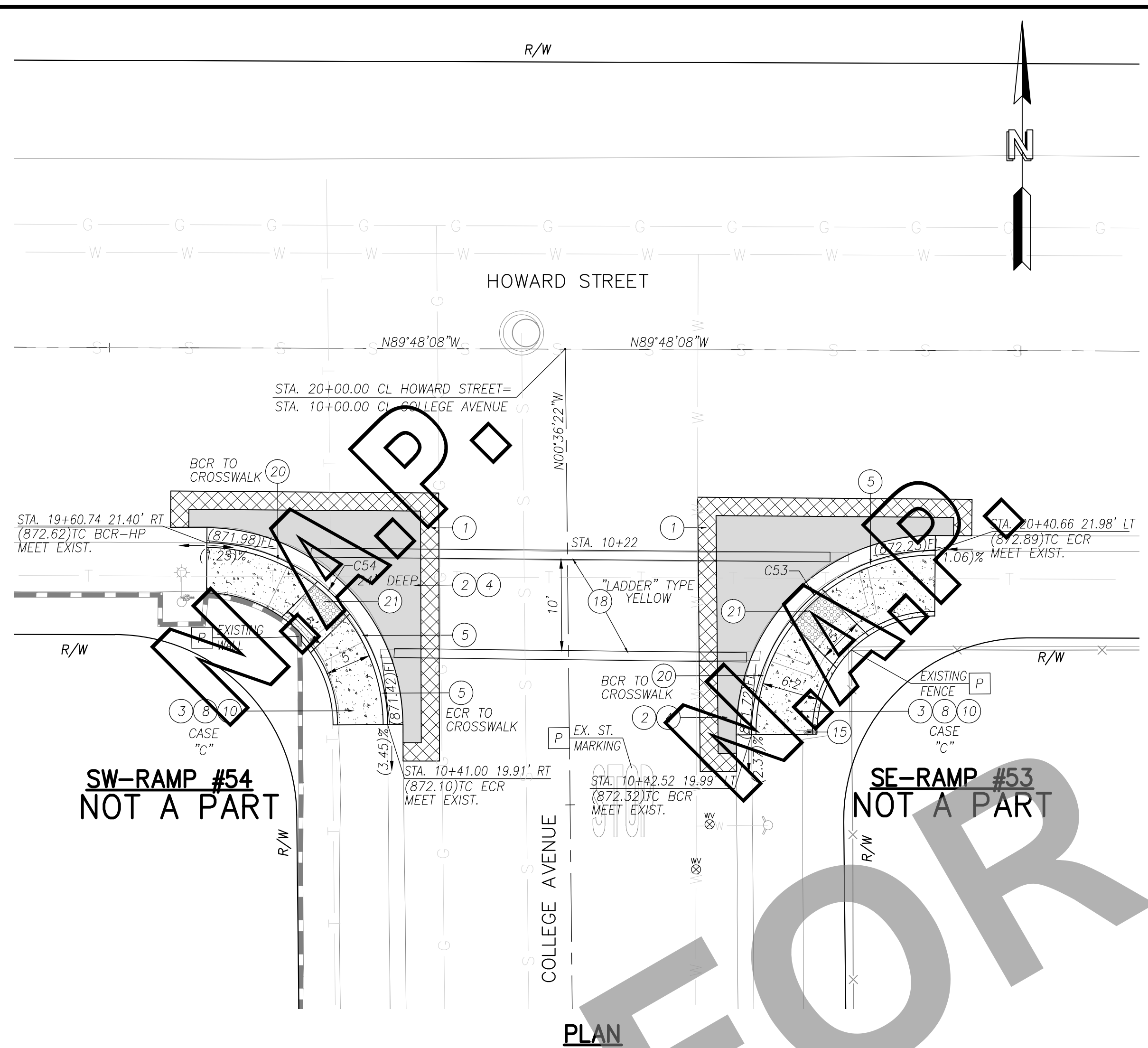


NW-RAMP #51

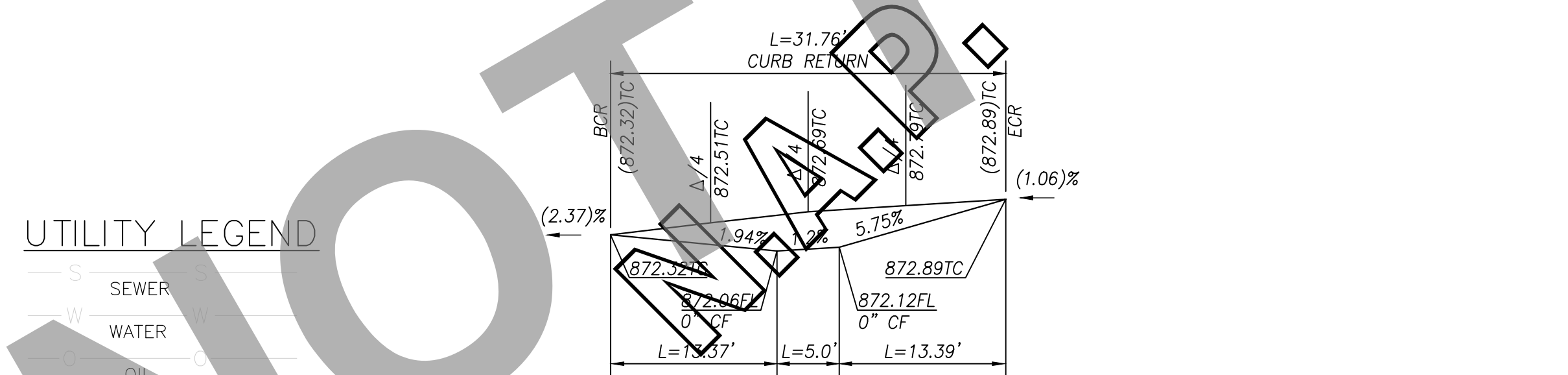


SW-RAMP #52

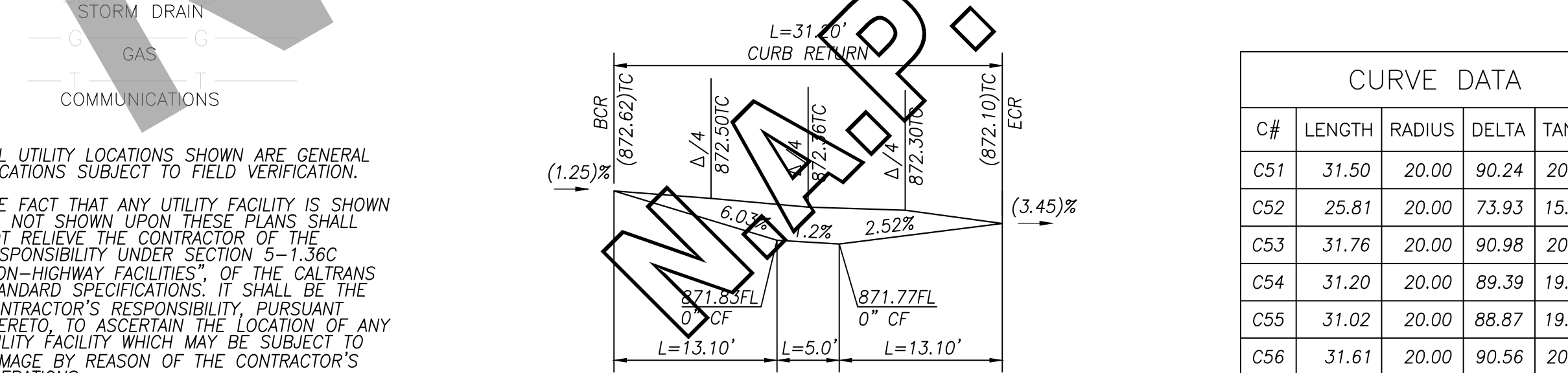
CLIFFWOOD DRIVE @ ADA AVENUE
SCALE: 1"=10'



PLAN

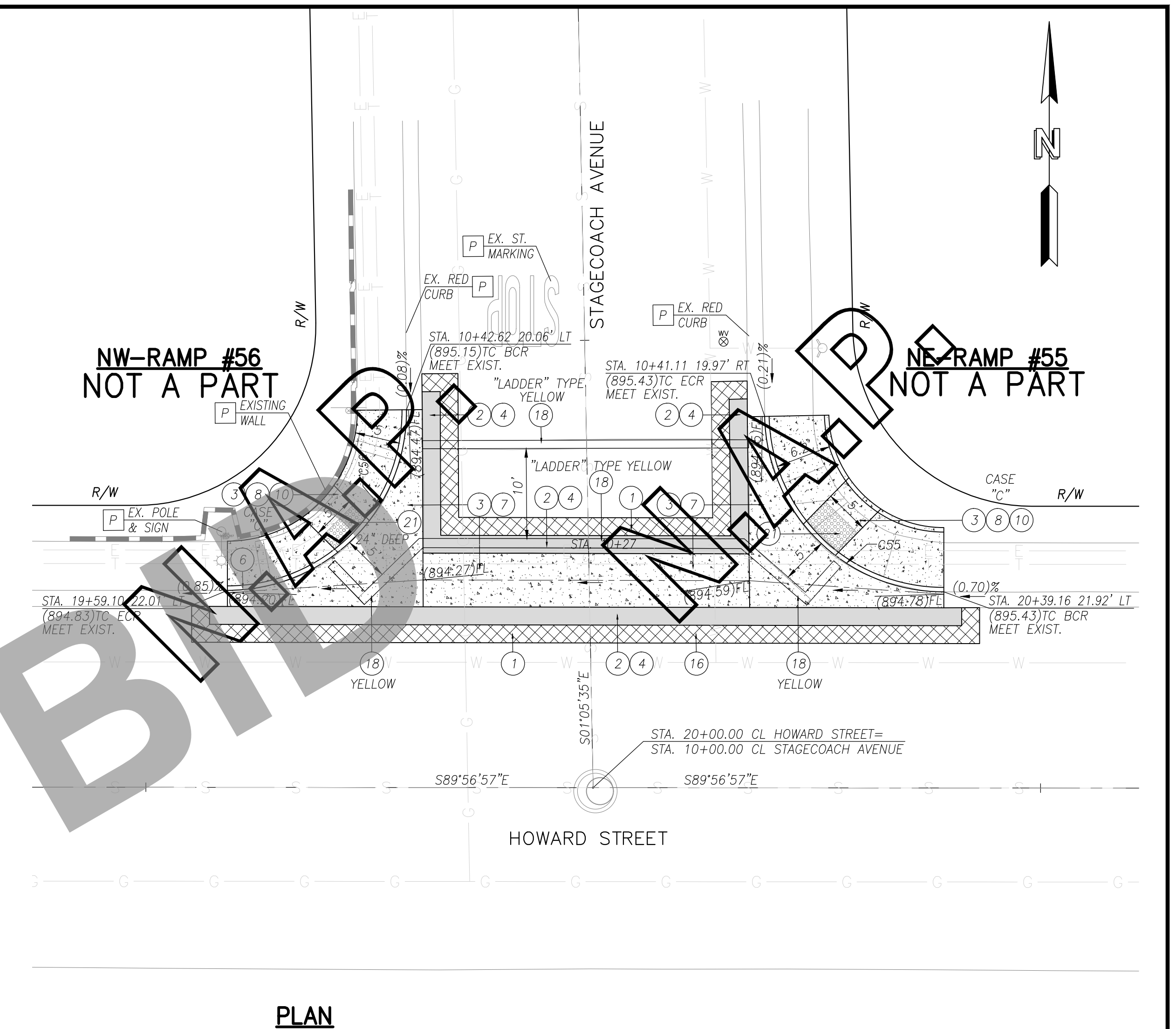


SE-RAMP #53

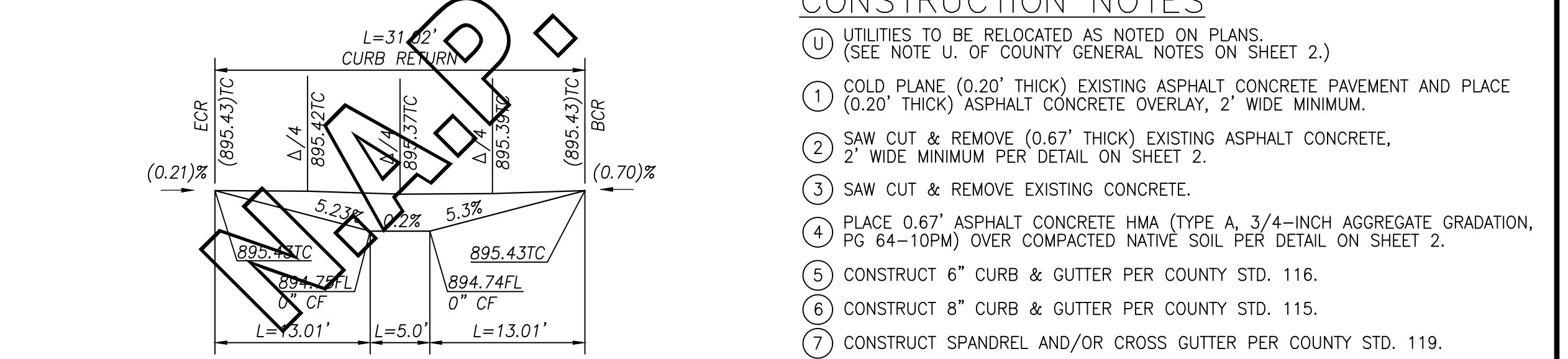


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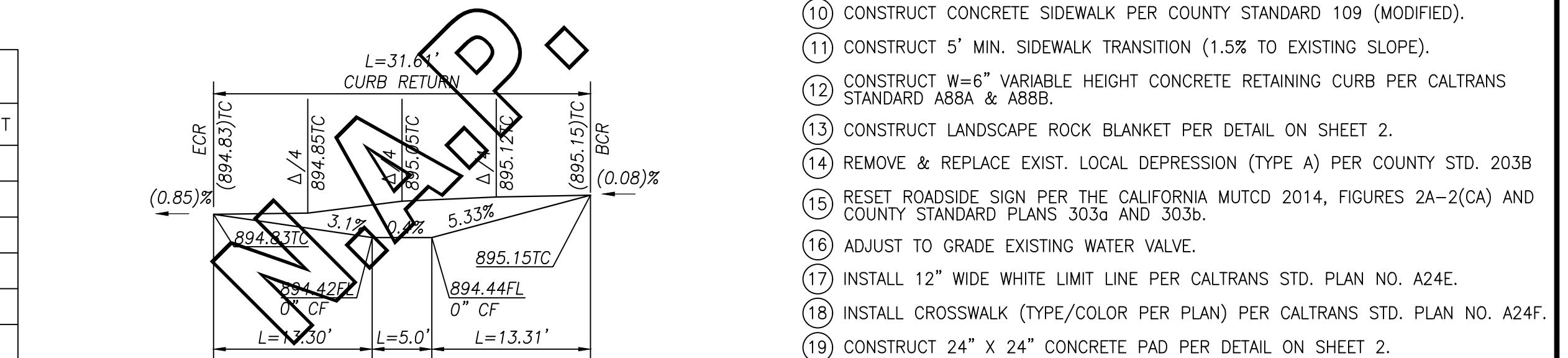
COLLEGE AVENUE @ HOWARD STREET
SCALE: 1"=10'



PLAN



NE-RAMP #55



NW-RAMP #56

STAGECOACH AVENUE @ HOWARD STREET
SCALE: 1"=10'

UTILITY LEGEND

- SEWER
- WATER
- OIL
- ELECTRIC
- STORM DRAIN
- GAS
- COMMUNICATIONS

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CURVE DATA

C#	LENGTH	RADIUS	DELTA	TANGENT
C51	31.50	20.00	90.24	20.08
C52	25.81	20.00	73.93	15.05
C53	31.76	20.00	90.98	20.34
C54	31.20	20.00	89.39	19.79
C55	31.02	20.00	88.87	19.61
C56	31.61	20.00	90.56	20.20

- CONSTRUCTION NOTES
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 - 3 SAW CUT & REMOVE EXISTING CONCRETE.
 - 4 PLACE 0.67" ASPHALT CONCRETE HMA (TYPE A, 3/4-INCH AGGREGATE GRADATION, PG 64-10PM) OVER COMPACTED NATIVE SOIL PER DETAIL ON SHEET 2.
 - 5 CONSTRUCT 6" CURB & GUTTER PER COUNTY STD. 116.
 - 6 CONSTRUCT 8" CURB & GUTTER PER COUNTY STD. 115.
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 - 8 CONSTRUCT RAMP PER CALTRANS RSP AB8A, CASE PER PLANS.
 - 9 PLACE 5"x3"D DETECTABLE WARNING SURFACE (DWS) PER CALTRANS RSP AB8A.
 - 10 CONSTRUCT CONCRETE SIDEWALK PER COUNTY STANDARD 109 (MODIFIED).
 - 11 CONSTRUCT 5' MIN. SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
 - 12 CONSTRUCT W=6" VARIABLE HEIGHT CONCRETE RETAINING CURB PER CALTRANS STANDARD AB8A & AB88.
 - 13 CONSTRUCT LANDSCAPE ROCK BLANKET PER DETAIL ON SHEET 2.
 - 14 REMOVE & REPLACE EXIST. LOCAL DEPRESSION (TYPE A) PER COUNTY STD. 203B
 - 15 RESET ROADSIDE SIGN PER THE CALIFORNIA MUTCD 2014, FIGURES 2A-2(CA) AND COUNTY STANDARD PLANS 303a AND 303b.
 - 16 ADJUST TO GRADE EXISTING WATER VALVE.
 - 17 INSTALL 12" WIDE WHITE LIMIT LINE PER CALTRANS STD. PLAN NO. A24E.
 - 18 INSTALL CROSSWALK (TYPE/COLOR PER PLAN) PER CALTRANS STD. PLAN NO. A24F.
 - 19 CONSTRUCT 24" X 24" CONCRETE PAD PER DETAIL ON SHEET 2.
 - 20 PAINT CURB RED.
 - 21 INSTALL DETECTABLE WARNING PAVER TYPE PER CITY OF MONTCLAIR STD. A-80 AND ADA-2, 12" SQUARE PAVER (BY WASAU PAVING OR APPROVED EQUIVALENT).

DISPOSITION NOTES

- P PROTECT IN PLACE
- M MATCH/JOIN EXISTING

CONSTRUCTION LEGEND

- ASPHALT CONCRETE PAVEMENT
- ASPHALT CONCRETE COLD PLANE
- PORTLAND CEMENT CONCRETE
- ROCK BLANKET TREATMENT

(A) - DENOTES RAMP LOCATION (TYP.). SEE SHEET 2.

Underground Service Alert

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PLANS PREPARED UNDER THE SUPERVISION OF:

NV5

163 TECHNOLOGY DRIVE
SUITE 100 IRVINE, CA 92618
TEL: (949) 585-1477

6/5/23

DAVID NIKNAFS, P.E.
C42697

REGISTERED PROFESSIONAL ENGINEER
DAVID NIKNAFS
No. 42697
CIVIL
STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AB/SN
DRAWN BY: AB/SN
CHECKED BY: DN
RECOMMENDED BY: CHRIS NGUYEN, P.E. ENGINEERING MANAGER

6/27/2023

APPROVED BY: CARLOS SEANEZ, P.E. SUPERVISING ENGINEER
MERVAT N. MIKHAIL, P.E. DEPUTY DIRECTOR

6/27/2023

CHINO/MONTCLAIR AREA
ADA RAMPS
PLANS & PROFILES

SAN BERNARDINO COUNTY
AND IN THE CITY OF MONTCLAIR

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L.#014	H15061	AS SHOWN	12	12