



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN MENDOCINO COUNTY
NEAR GUALALA FROM 0.3 MILE NORTH OF HAVENS NECK DRIVE
TO GYPSY FLAT ROAD
AND FROM 0.5 MILE TO 0.2 MILE SOUTH OF IVERSEN ROAD

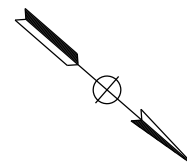
TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2023

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	1	6.4/9.5	1	





LOCATION MAP



BEGIN CONSTRUCTION
Sta "A2" 6+80 PM 6.5

Begin Work
 PM 5.3

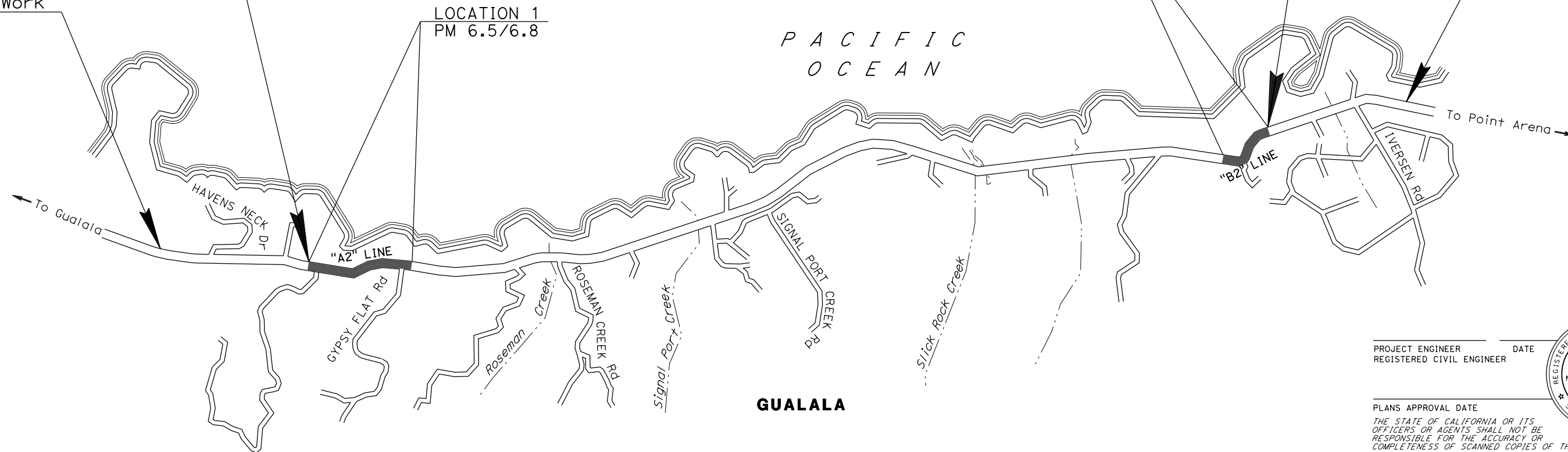
LOCATION 1
 PM 6.5/6.8

LOCATION 2
 PM 9.3/9.5

END CONSTRUCTION
Sta "B2" 110+20 PM 9.5

End Work
 PM 10.6

PROJECT MANAGER
 CAREN COONROD
 DESIGN MANAGER
 TARIO CHECHI

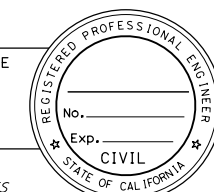


THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

NO SCALE

PROJECT ENGINEER _____ DATE _____
 REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CONTRACT No.	01-OF7104
PROJECT ID	0116000047

LAST REVISION | DATE PLOTTED | 11 OCT 2023

P:\proj5\01\04710\design\500 Contract Preparation\510 Plans\511 Basic Plans\Typical Cross Section\0116000047ca001.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 03-DESIGN
 Chris Nguyen
 Tariq Chechi
 Tariq Chechi
 Tariq Chechi
 Tariq Chechi

NOTES:

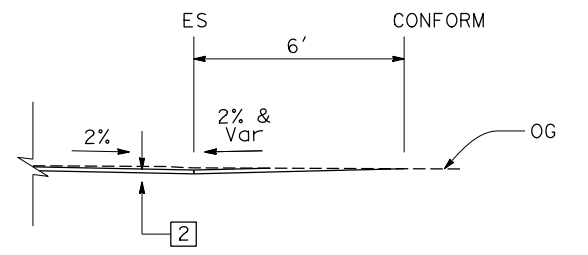
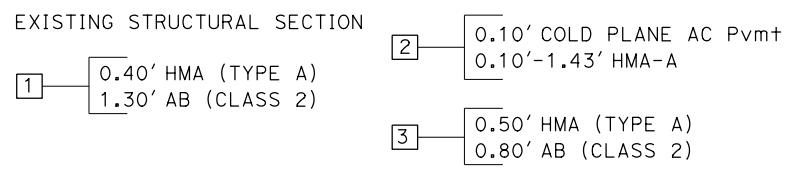
- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- SUPERELEVATIONS ARE SHOWN ON THE SUPERELEVATION DIAGRAMS.
- FOR HMA DIKE, DIKE TYPES, AND RAIL ELEMENT WALL SEE LAYOUT SHEETS AND SUMMARY OF QUANTITIES SHEETS.
- FOR COLD PLANE AC PAVEMENT AND REMOVE AC PAVEMENT LOCATIONS SEE CONSTRUCTION DETAILS SHEET C-12, C-13, C-14 and C-15.
- SHOULDER BACKING SHALL BE PLACED OVER A MINIMUM WIDTH OF 3' AFTER FINAL LIFT OF HMA-A.
- FOR MORE INFORMATION ON SAW CUT LOCATIONS SEE LAYOUT SHEETS.
- TAPERED EDGE QUANTITIES INCLUDED WITHIN STRUCTURAL SECTION QUANTITIES. SEE STANDARD PLANS P74 AND P76 FOR DETAILS NOT SHOWN.
- EXACT LOCATIONS OF MGS AND VEGETATION CONTROL (MINOR CONCRETE) ARE SHOWN ON THE LAYOUTS AND IN THE SUMMARY OF QUANTITIES SHEET. SEE STANDARD PLANS A77N6 AND A77N5 FOR DETAILS NOT SHOWN.

DESIGN DESIGNATION				
ADT (2022)	3,130	D	65%	
ADT (2042)	3,350	T	4%	
DHV	603	V	55 mph	
ESAL	207,400	TI ₂₀	7.5	

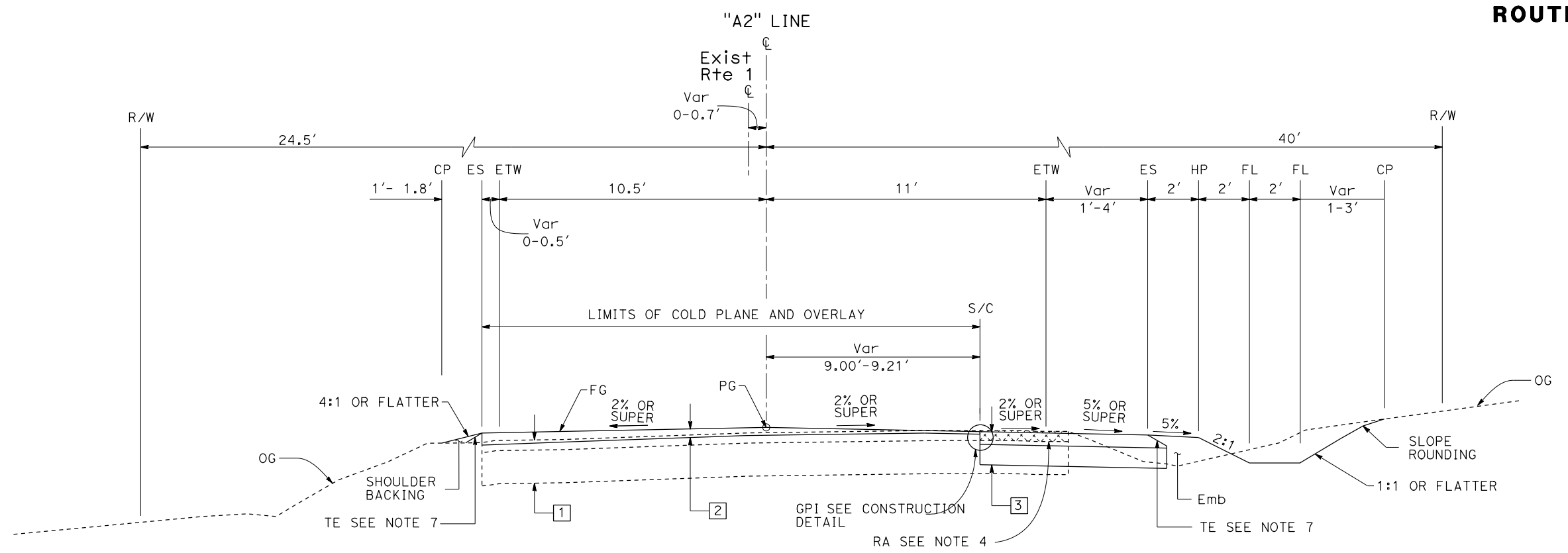
ABBREVIATIONS	
GPI	GEOSYNTHETIC PAVEMENT INTERLAYER
TE	TAPERED EDGE
RA	REMOVE AC PAVEMENT
HMA-A	HOT MIX ASPHALT (TYPE A)

PAVEMENT CLIMATE REGION: NORTH COAST

TYPICAL PAVEMENT STRUCTURAL SECTIONS



"A2" 7+60.00 TO "A2" 7+95.00
ROUTE 1



"A2" 7+60.00 TO "A2" 8+75.00
ROUTE 1

TYPICAL CROSS SECTION
NO SCALE **X-1**

Dist: 01 COUNTY: Men ROUTE: 01 POST MILES TOTAL PROJECT: 6.3/9.5 SHEET No.: TOTAL SHEETS:

INCOMPLETE FOR DESIGN ONLY

REGISTERED CIVIL ENGINEER
No. _____
Exp. _____
DATE _____

PLANS APPROVAL DATE _____

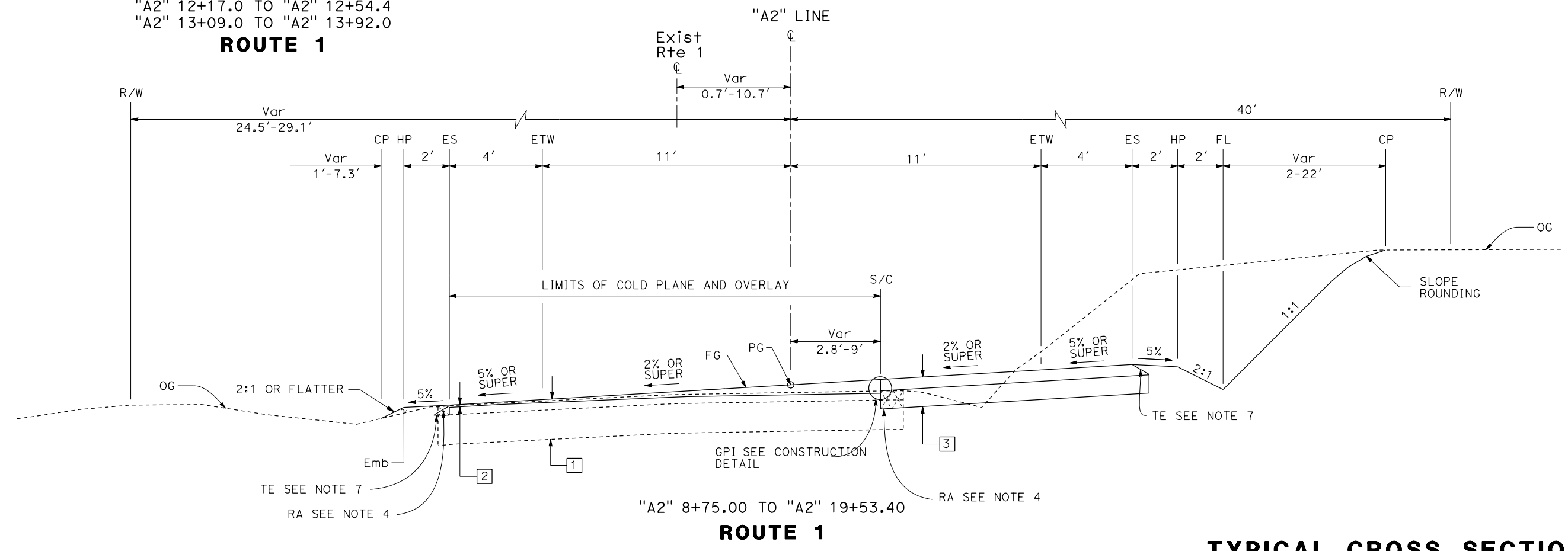
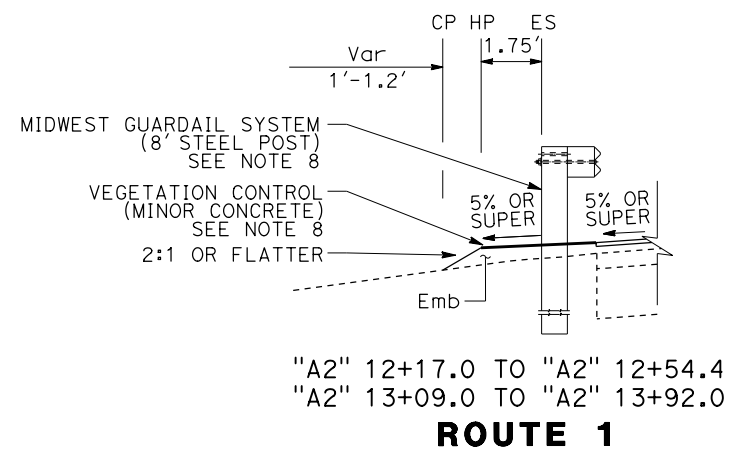
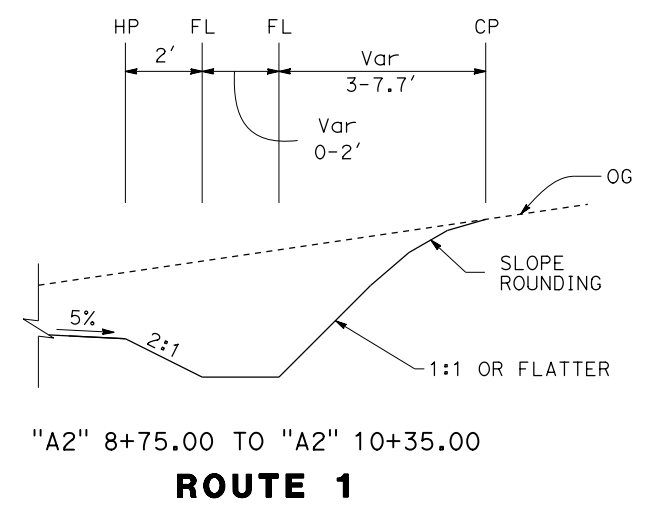
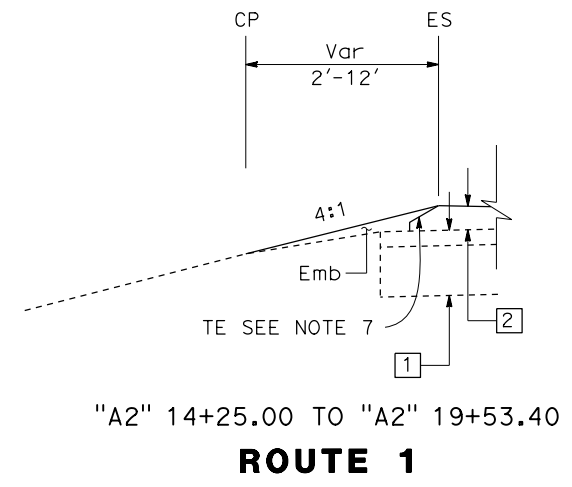
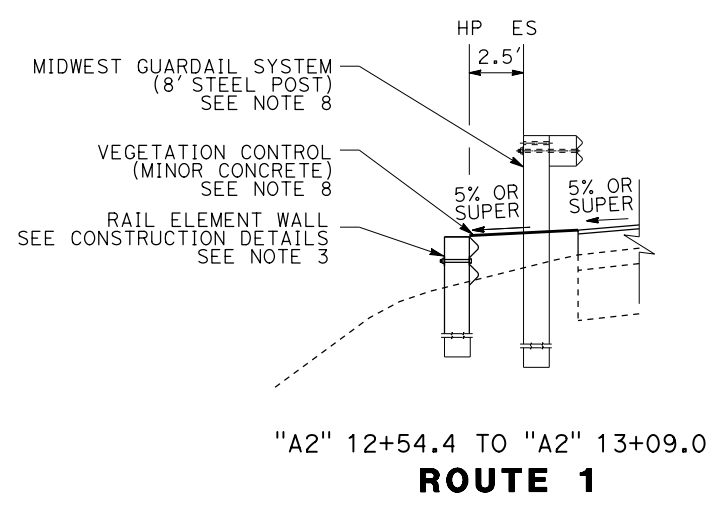
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCALE COPIES OF THIS PLAN SHEET.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG _____ SIGD _____
 REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

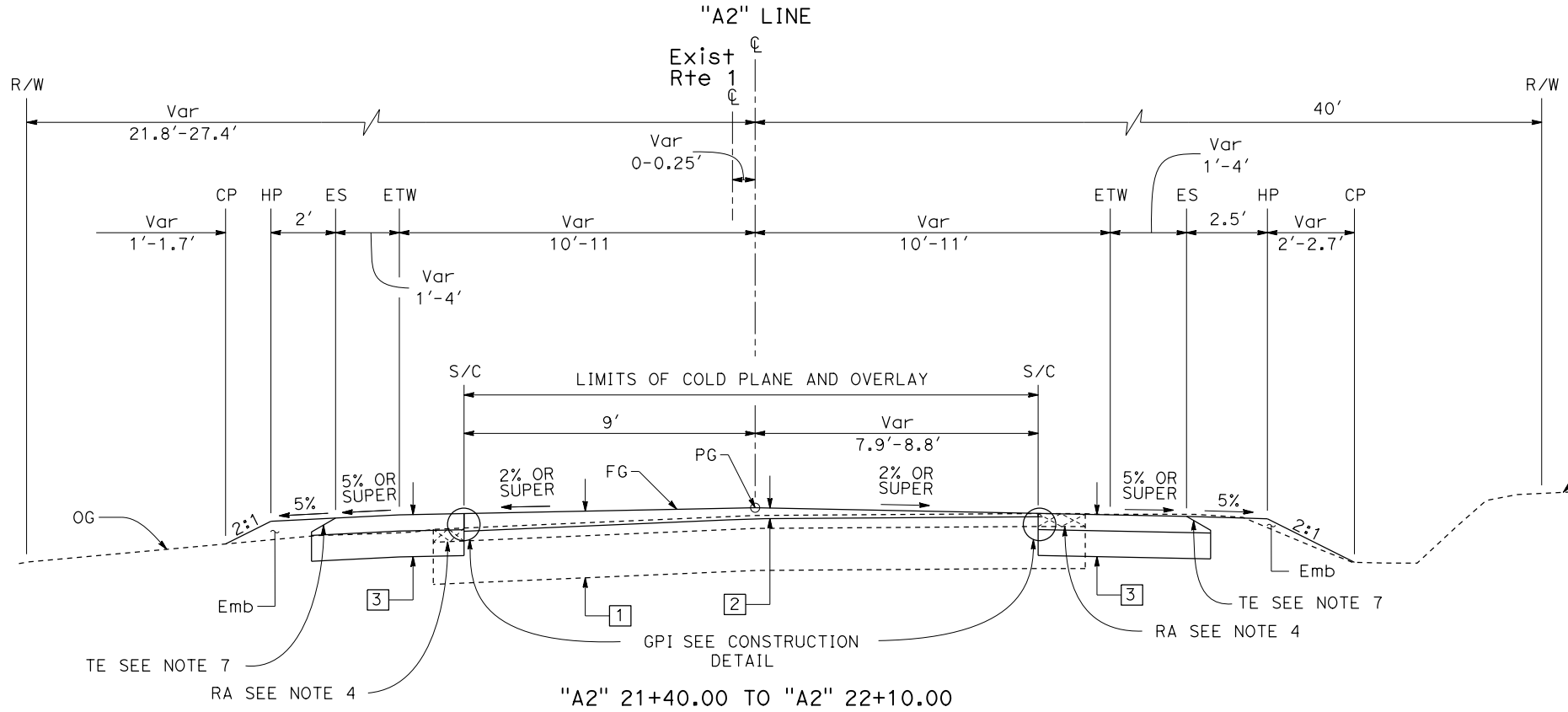
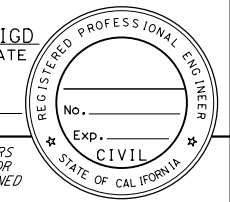


TYPICAL CROSS SECTION
 NO SCALE **X-2**

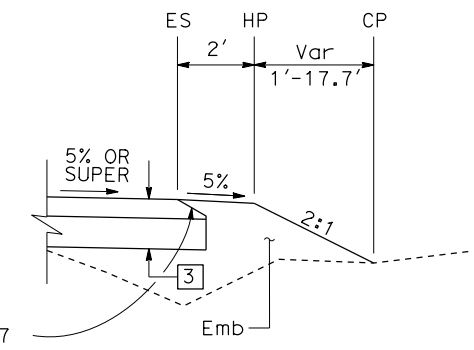
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 03-DESIGN
 Et-Catrans
 FUNCTIONAL SUPERVISOR: TARIQ CHECHI
 CHECKED BY: TARIQ CHECHI
 CALCULATED-DESIGNED BY: CHRIS NGUYEN
 REVISOR: CHRIS NGUYEN
 DATE REVISOR: TARIQ CHECHI

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

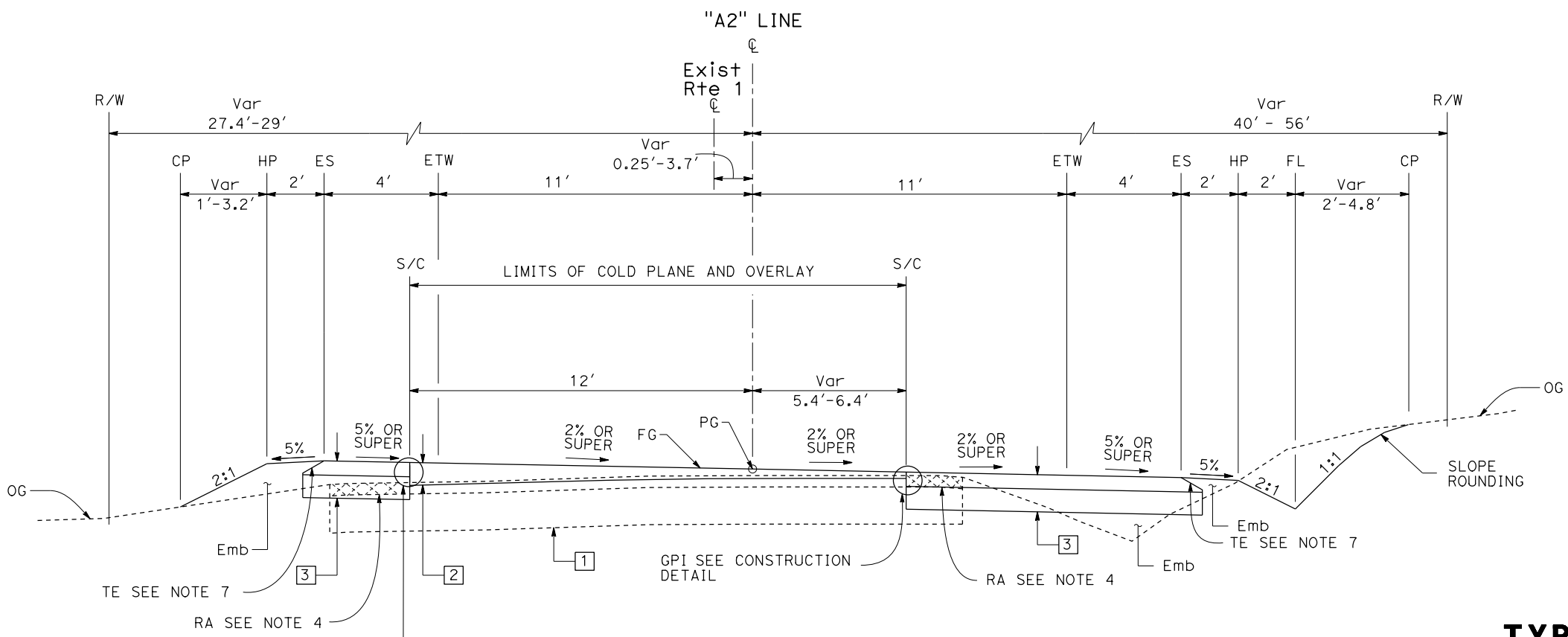
SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>	



"A2" 21+40.00 TO "A2" 22+10.00
ROUTE 1



"A2" 19+59.9 TO "A2" 20+01
ROUTE 1



"A2" 19+53.40 TO "A2" 21+40.00
ROUTE 1

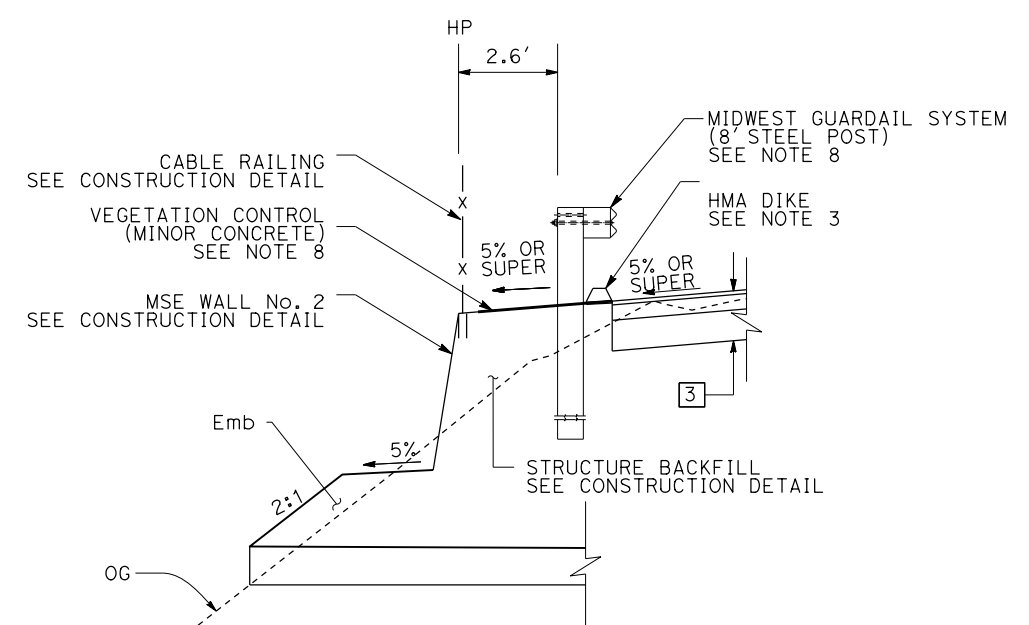
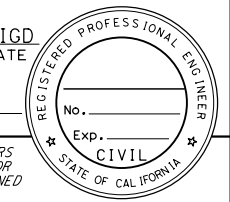
TYPICAL CROSS SECTION
NO SCALE **X-3**

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 FUNCTIONAL SUPERVISOR
 TARIQ CHECHI
 03-DESIGN
 TARIQ CHECHI
 CALCULATED-DESIGNED BY
 CHECKED BY
 CHRIS NGUYEN
 TARIQ CHECHI
 REVISED BY
 DATE REVISED
 USERNAME = s125083

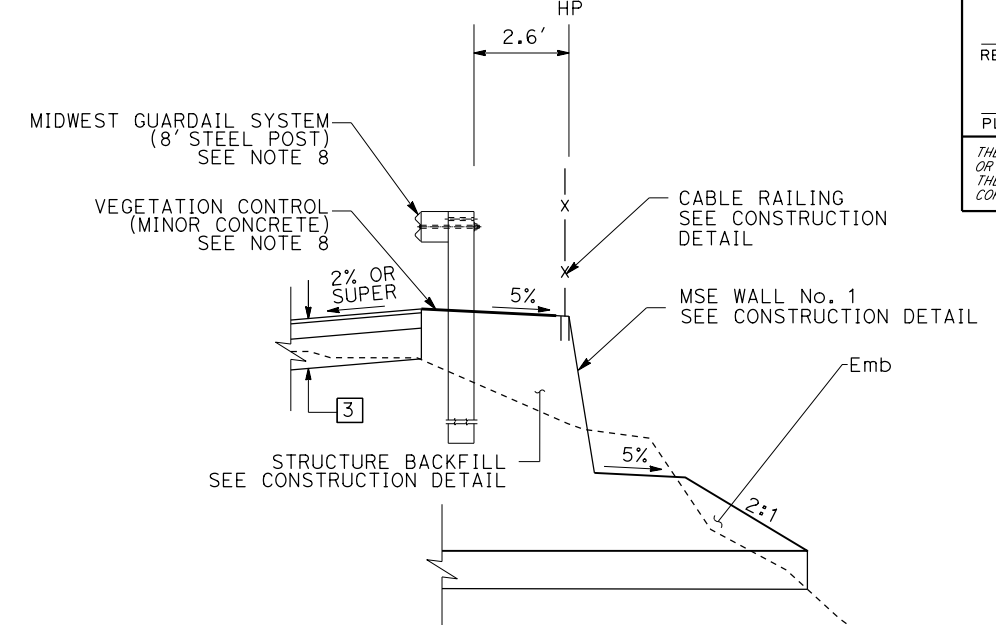
LAST REVISION | DATE PLOTTED: 25 OCT 2023

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

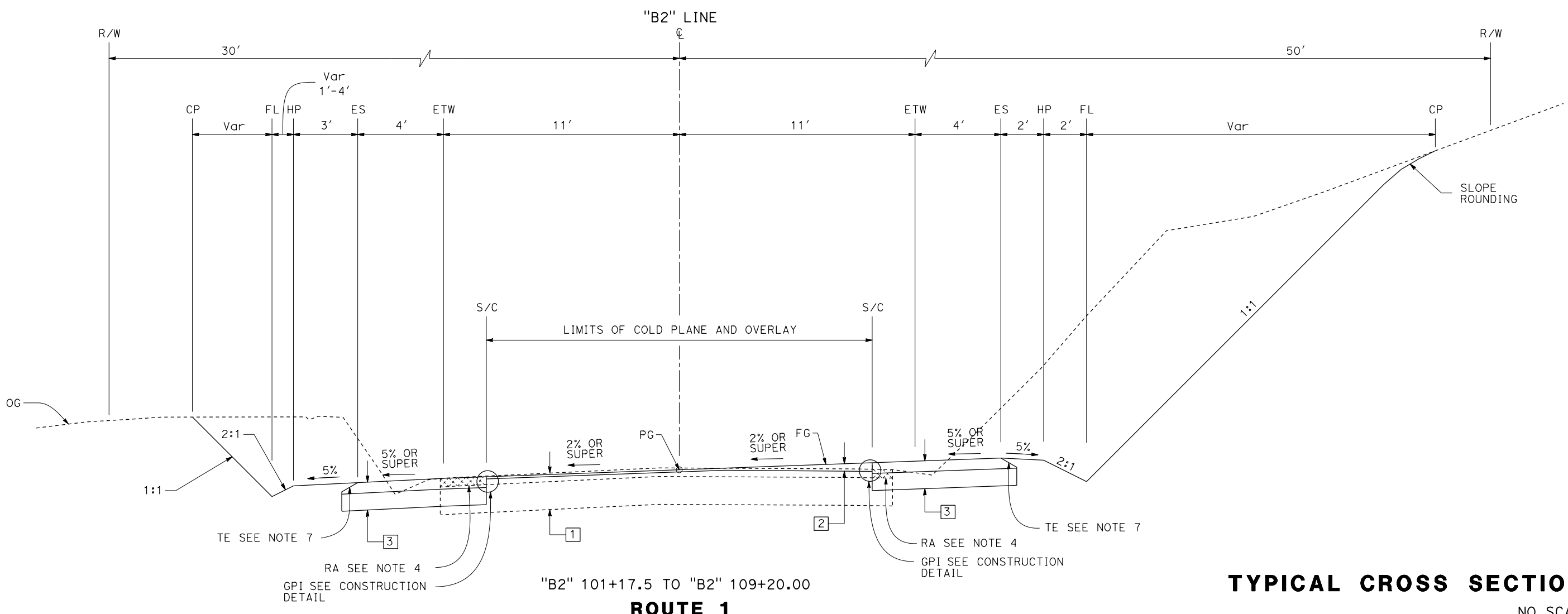
SIG _____ SIGD _____
 REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



"B2" 102+82.3 TO "B2" 104+24.6
ROUTE 1



"B2" 103+19.5 TO "B2" 103+97.3
ROUTE 1



"B2" 101+17.5 TO "B2" 109+20.00
ROUTE 1

TYPICAL CROSS SECTION
 NO SCALE **X-5**

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 03-DESIGN
 FUNCTIONAL SUPERVISOR: TARIQ CHECHI
 CHECKED BY: TARIQ CHECHI
 CALCULATED/DESIGNED BY: TARIQ CHECHI
 REVISIONS: REVISION NO., DATE, REVISION BY, DATE REVISION BY
 DESIGNED BY: CHRIS NGUYEN
 CHECKED BY: TARIQ CHECHI
 REVISIONS: REVISION NO., DATE, REVISION BY, DATE REVISION BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	MEN	001	6.5 - 9.5		

PROFESSIONAL LAND SURVEYOR	DATE
JEFFREY A. SHELDON	
No. 8966	
Exp. 9/30/20	

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

- FOR COMPLETE PROJECT CONTROL DATA, SEE THE SURVEY RECORDS ON FILE IN THE SURVEYS DEPARTMENT AT THE DISTRICT OFFICE.
- BASIS OF BEARINGS AND COORDINATES:**
 THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM (CCS), ZONE 2, NAD 83 (1998) EPOCH 2004.69 AS DETERMINED LOCALLY BY A LINE BETWEEN STATION 001-Men-6.50 AND STATION 001-Men-6.41, BEING S 26°23' 02" E, FROM SAID SURVEY.

 COORDINATES ARE SHOWN IN THE U.S. SURVEY FOOT (1200/3937 METER)

 THIS GPS STATIC SURVEY WAS CONSTRAINED TO NSRS STATIONS: "HPGN CA 01 14", "HPGN D CA 01 AE" AND "FOX 2" PER NGS REFERENCE SYSTEM AND RESULTED IN RESIDUAL ERRORS RANGING FROM 0.03' TO 0.04' HORIZONTALLY AT THE 95% CONFIDENCE LEVEL. THE VALUES REPRESENTED IN THIS SURVEY MEET THE ABOVE-REFERENCED STANDARDS FOR 2CM HORIZONTAL REQUIREMENTS.

 SUBSEQUENT GPS AND CONVENTIONAL SURVEYS ESTABLISHED THE LISTED 2CM ORDER STATIONS.
- BASIS OF ELEVATIONS:**
 THIS PROJECT IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). STATIONS AND RESPECTIVE ELEVATIONS CONSTRAINED TO ARE:

 001-Men-6.50 ELEVATION = 162.02

ABBREVIATIONS:

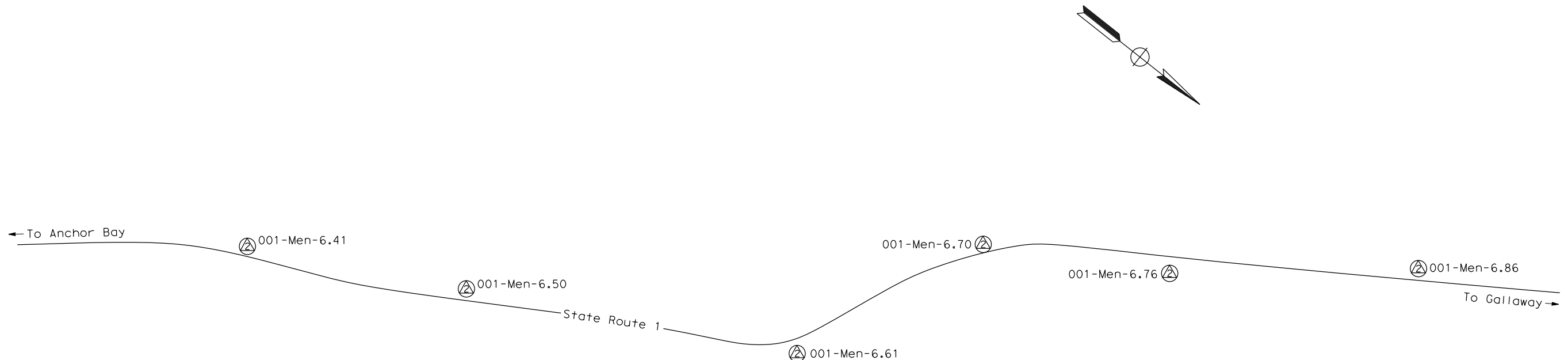
- ALCAP - IRON PIPE WITH ALUMINUM CAP
- BCIC - BRASS CAP IN CONCRETE
- BCIP - BRASS CAP ON IRON PIPE
- ALCAR - REBAR WITH ALUMINUM CAP

LEGEND:

- STATION IN THE NATIONAL SPATIAL REFERENCE SYSTEM
- 1CM STATION
- 2CM STATION

CONTROL FOR DESIGN AND CONSTRUCTION

STATION DESIGNATION	ORDER	NORTHING	EASTING	ELEVATION	DESCRIPTION
001-Men-6.41	3rd	2063523.62	6105983.03	170.74	ALCAR STAMPED "PC 6.41L"
001-Men-6.50	3rd	2063907.23	6105792.74	162.02	ALCAP STAMPED "CALTRANS 6.50 2018"
001-Men-6.61	3rd	2064480.24	6105478.89	176.17	ALCAP STAMPED "CALTRANS 6.61 2018"
001-Men-6.70	3rd	2064641.57	6105093.64	158.15	ALCAP STAMPED "CALTRANS 6.70 2018"
001-Men-6.76	3rd	2064960.33	6104913.21	155.06	ALCAP STAMPED "CALTRANS 6.76 2018"
001-Men-6.86	3rd	2065344.29	6104620.02	153.04	ALCAP STAMPED "CALTRANS 6.86 2018"



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF LAND SURVEYS
 PHILIP TAYLOR
 JEFFREY SHELDON
 CALCULATED-DESIGNED BY
 CHECKED BY
 JAMES HARCHARIK
 FUNCTIONAL SUPERVISOR
 PVT
 01/27/22
 REVISED BY
 DATE REVISED

APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL
 NO SCALE
PC-1

LAST REVISION | DATE PLOTTED => 1/28/2022
 01-27-22 | TIME PLOTTED => 8:28:30 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	MEN	001	6.5 - 9.5		

PROFESSIONAL LAND SURVEYOR	DATE
JEFFREY A. SHELDON	
No. 8966	
Exp. 9/30/22	

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

- FOR COMPLETE PROJECT CONTROL DATA, SEE THE SURVEY RECORDS ON FILE IN THE SURVEYS DEPARTMENT AT THE DISTRICT OFFICE.
- BASIS OF BEARINGS AND COORDINATES:**
 THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM (CCS), ZONE 2, NAD 83 (1998) EPOCH 2004.69 AS DETERMINED LOCALLY BY A LINE BETWEEN STATION 001-Men-9.52 AND STATION 001-Men-9.66, BEING N 59°07' 26" W, FROM SAID SURVEY.

 COORDINATES ARE SHOWN IN THE U.S. SURVEY FOOT (1200/3937 METER)

 THIS GPS STATIC SURVEY WAS CONSTRAINED TO NSRS STATIONS: "HPGN CA 01 14", "HPGN D CA 01 AE" AND "FOX 2" PER NGS REFERENCE SYSTEM AND RESULTED IN RESIDUAL ERRORS RANGING FROM 0.03' TO 0.05' HORIZONTALLY AT THE 95% CONFIDENCE LEVEL. THE VALUES REPRESENTED IN THIS SURVEY MEET THE ABOVE-REFERENCED STANDARDS FOR 2CM HORIZONTAL REQUIREMENTS.

 SUBSEQUENT GPS AND CONVENTIONAL SURVEYS ESTABLISHED THE LISTED 2CM ORDER STATIONS.
- BASIS OF ELEVATIONS:**
 THIS PROJECT IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). STATIONS AND RESPECTIVE ELEVATIONS CONSTRAINED TO ARE:

 001-Men-9.46 ELEVATION = 112.97

ABBREVIATIONS:

- ALCAP - IRON PIPE WITH ALUMINUM CAP
- BCIC - BRASS CAP IN CONCRETE
- BCIP - BRASS CAP ON IRON PIPE
- ALCAR - REBAR WITH ALUMINUM CAP

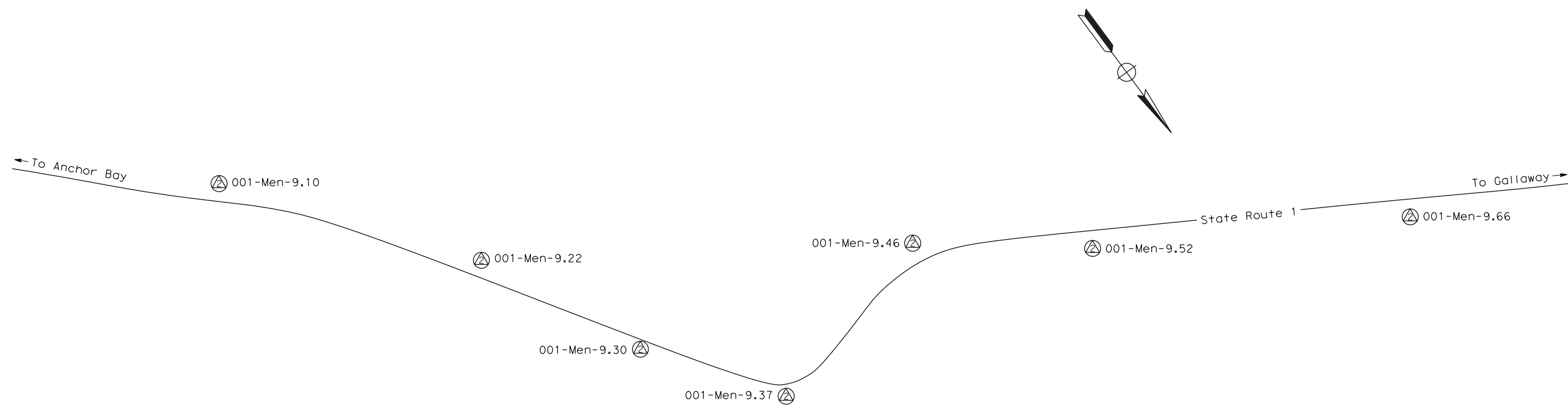
LEGEND:

- STATION IN THE NATIONAL SPATIAL REFERENCE SYSTEM
- 1CM STATION
- 2CM STATION

CONTROL FOR DESIGN AND CONSTRUCTION

STATION DESIGNATION	ORDER	NORTHING	EASTING	ELEVATION	DESCRIPTION
001-Men-9.10	3rd	2072822.87	6095913.48	100.71	ALCAP STAMPED "CALTRANS 9.10 2018"
001-Men-9.22	3rd	2073338.16	6095550.32	105.80	ALCAP STAMPED "CALTRANS 9.22 2018"
001-Men-9.30	3rd	2073708.30	6095360.00	100.96	ALCAP STAMPED "CALTRANS 9.30 2018"
001-Men-9.37	3rd	2073990.25	6095133.40	82.98	ALCAP STAMPED "CALTRANS 9.37 2018"
001-Men-9.46	3rd	2073898.96	6094727.74	109.06	ALCAP STAMPED "CALTRANS 9.46 2018"
001-Men-9.52	3rd	2074127.53	6094373.07	112.97	ALCAP STAMPED "CALTRANS 9.52 2018"
001-Men-9.66	3rd	2074505.25	6093741.35	113.62	ALCAP STAMPED "CALTRANS 9.66 2018"

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF LAND SURVEYS
 PHILIP TAYLOR
 JEFFREY SHELDON
 PVT
 01/28/22
 REVISOR BY
 DATE REVISED
 CALCULATED-DESIGNED BY
 CHECKED BY
 JAMES HARCHARIK
 FUNCTIONAL SUPERVISOR
 BORDER LAST REVISED 7/2/2010



APPROVED FOR PROJECT CONTROL INFORMATION ONLY

PROJECT CONTROL
 NO SCALE
PC-2





LAST REVISION | DATE PLOTTED => 1/28/2022
 01-28-22 | TIME PLOTTED => 8:29:35 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

NOTE:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- FOR DRIVEWAY CONFORMS, SEE CONSTRUCTION DETAIL SHEETS.
- FOR THIS PROJECT ALL NON-DEVELOPED AREAS OUTSIDE OF THE CUT/FILL LINES ARE CONSIDERED ENVIRONMENTALLY SENSITIVE AREAS (ESAS). INDIVIDUAL ESAS ARE NOT SHOWN ON THE LAYOUTS. WORK SHOULD BE LIMITED TO THE SMALLEST FOOTPRINT POSSIBLE AND STAY WITHIN THE CUT/FILL LINES SHOWN ON THE LAYOUTS. PLEASE REFER TO THE NATURAL ENVIRONMENT STUDY OR ENVIRONMENTALLY SENSITIVE HABITAT AREA DOCUMENT FOR ADDITIONAL INFORMATION ON INDIVIDUAL HABITAT AREAS.

LEGEND:

-  CONFORM TAPER
-  STRUCTURAL SECTION
-  HMA-A OVERLAY
-  DRIVEWAY CONFORM


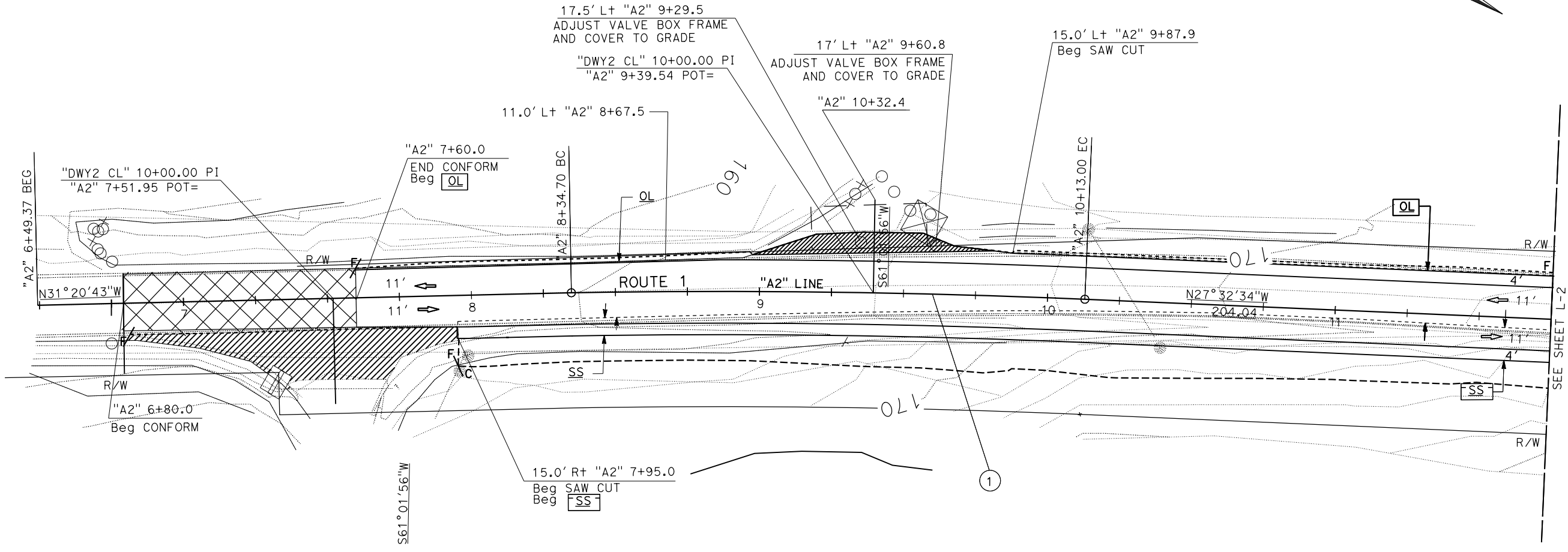
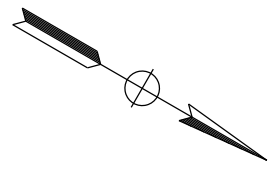
ABBREVIATIONS:

- MSE MECHANICALLY STABILIZED EARTH
- REW RAIL ELEMENT WALL

SIG _____ REGISTERED CIVIL ENGINEER
 SIGD _____ DATE _____

PLANS APPROVAL DATE _____

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CURVE DATA

No. X	R	Δ	T	L
1	2,954.00'	03°27'30"	89.18'	178.30'

LAYOUT
LOCATION 1
 SCALE: 1" = 20'

P:\proj\5101\01\01\design\500 Contract Preparation\510 Plans\511 Basic Plans_Vec_Layouts\011600004\Tea001.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 03-DESIGN
 TARIQ CHECHI
 CARLOS BURKS
 GARY DUGH
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

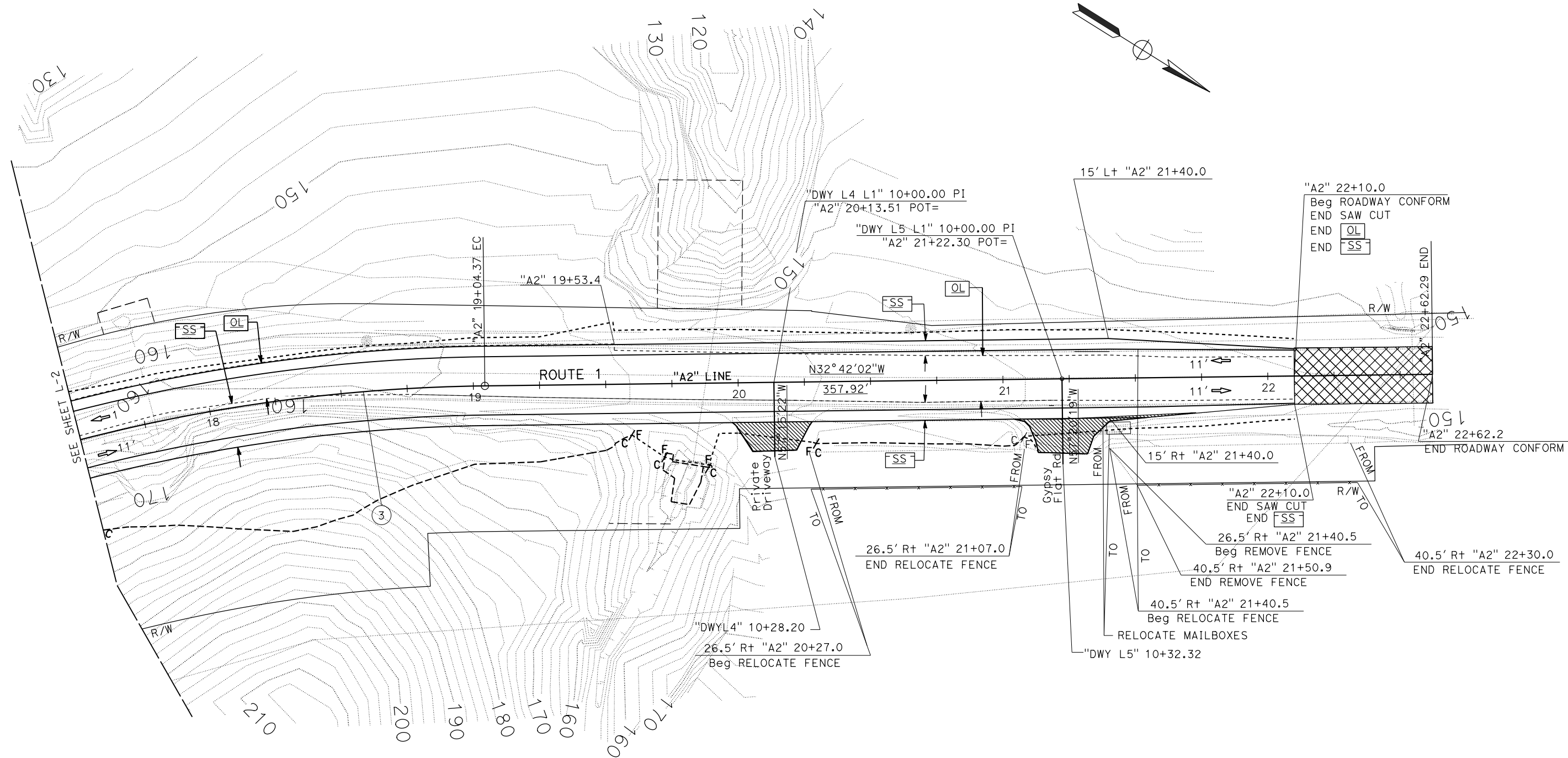
SIG REGISTERED CIVIL ENGINEER
 SIGD DATE
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 No. _____
 Exp. _____
 CIVIL
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CONTRACT PREPARATION
 03-DESIGN
 TARIO CHECHI
 CARLOS BURKS
 GARY DUGH
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISOR
 P:\proj5\01\0710\design\500 Contract Preparation\510 Plans\511 Basic Plans\Layouts\0116000047ec003.dgn
 P:\proj5\01\0710\design\500 Contract Preparation\510 Plans\511 Basic Plans\Layouts\0116000047ec003.dgn
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CURVE DATA

No. X	R	Δ	T	L
3	644.00'	36°57'42"	215.24'	415.45'

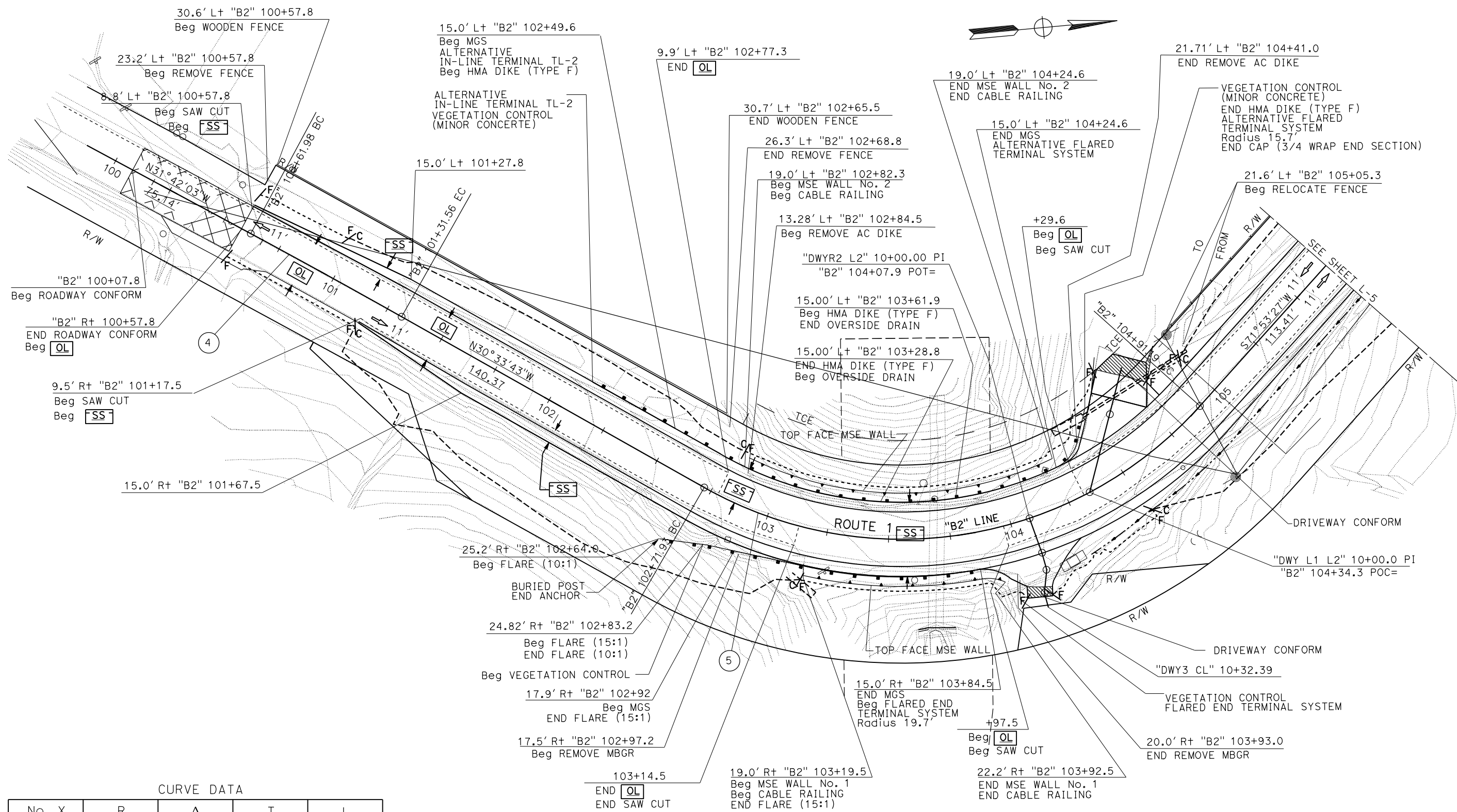
LAYOUT
LOCATION 1
 SCALE: 1" = 20'
L-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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NOTE:
 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

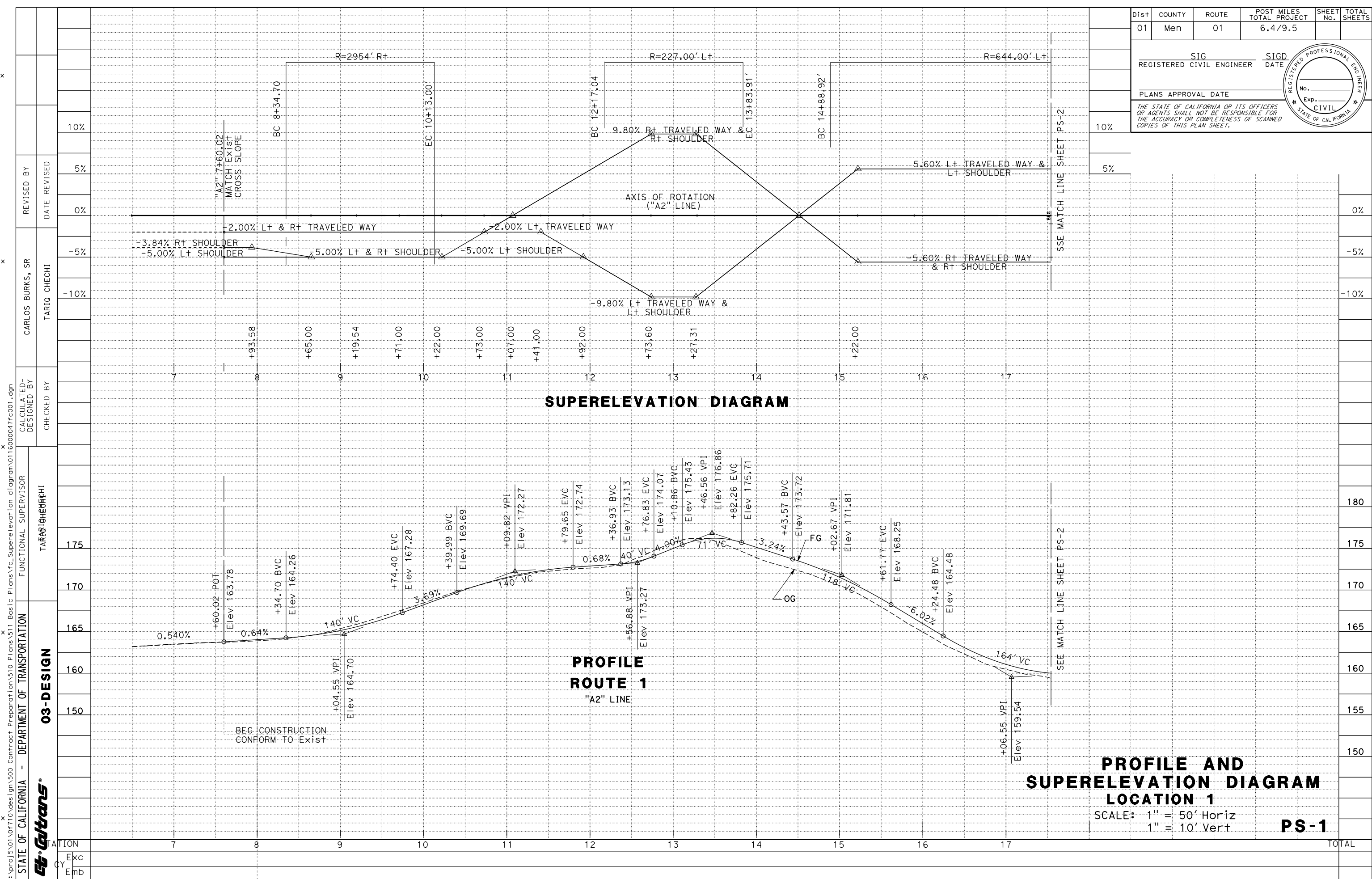


CURVE DATA

No. X	R	Δ	T	L
4	3,500.0	1°08'21"	34.79'	69.58'
5	162.0	77°32'51"	130.13'	219.26'

LAYOUT
LOCATION 2
 SCALE: 1" = 20' **L-4**

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 03-DESIGN
 TARIO CHECHI
 FUNCTIONAL SUPERVISOR
 GARY DUGH
 CARLOS BURKS
 REVISIONS BY DATE
 CHECKED BY
 CALCULATED-DESIGNED BY
 x x x



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG REGISTERED CIVIL ENGINEER
SIGD DATE

PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
No. _____
Exp. _____
CIVIL
STATE OF CALIFORNIA

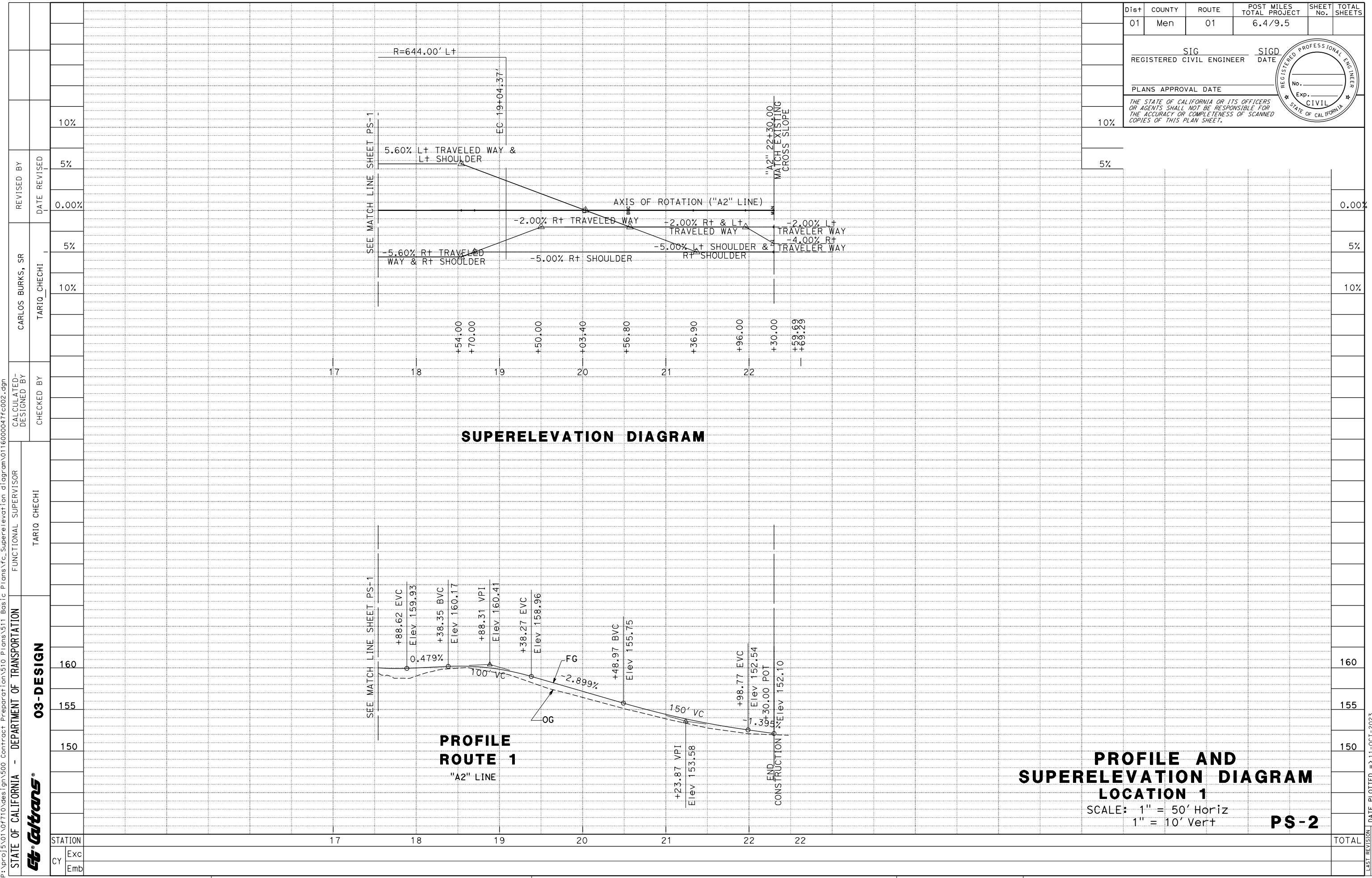
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 03-DESIGN
 TARIQ CHECHI
 TARIQ CHECHI
 CARLOS BURKS, SR
 TARIQ CHECHI
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISOR
 DATE REVISOR
 DATE REVISOR

DATE PLOTTED => 11-OCT-2023
 TIME PLOTTED => 14:46

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x

x



PROFILE AND SUPERELEVATION DIAGRAM
LOCATION 1
SCALE: 1" = 50' Horiz
1" = 10' Vert

PS-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG REGISTERED CIVIL ENGINEER
SIGD DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
No. _____
Exp. _____
CIVIL
STATE OF CALIFORNIA

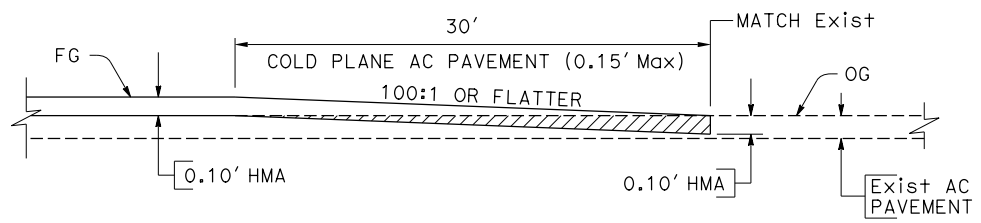
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
 TARIO CHECHI
 CHECKED BY
 GARY DUGHY
 CHOO SOON ONG
 REVISOR BY
 DATE REVISOR
 DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

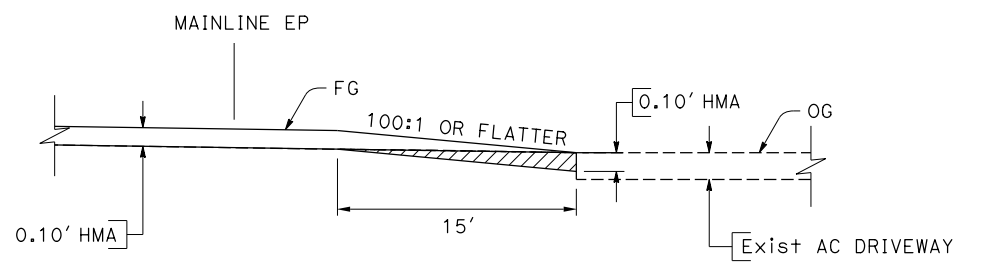
SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

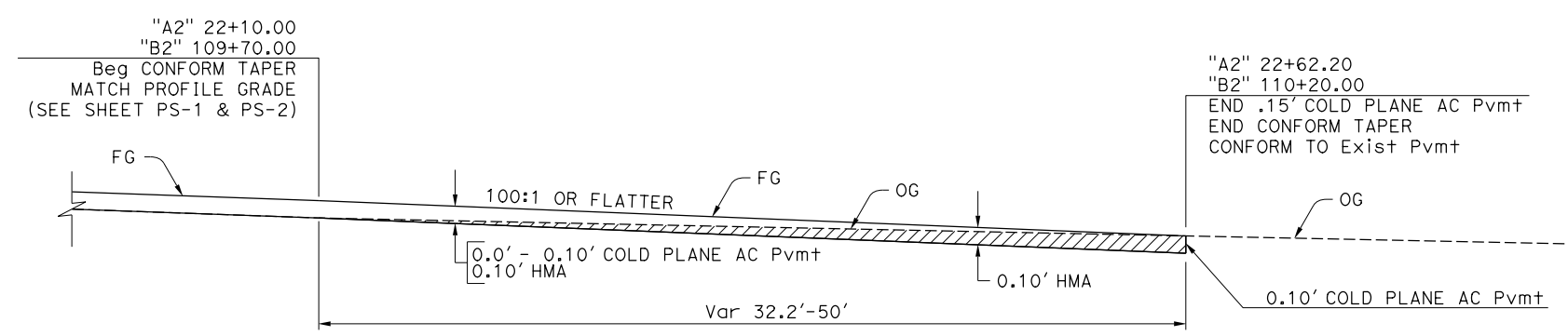
LEGEND:



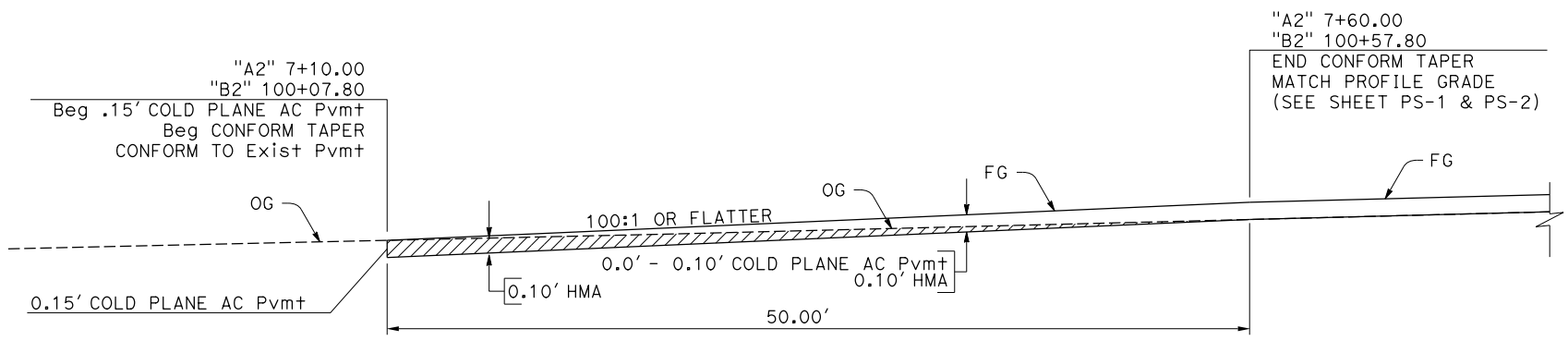
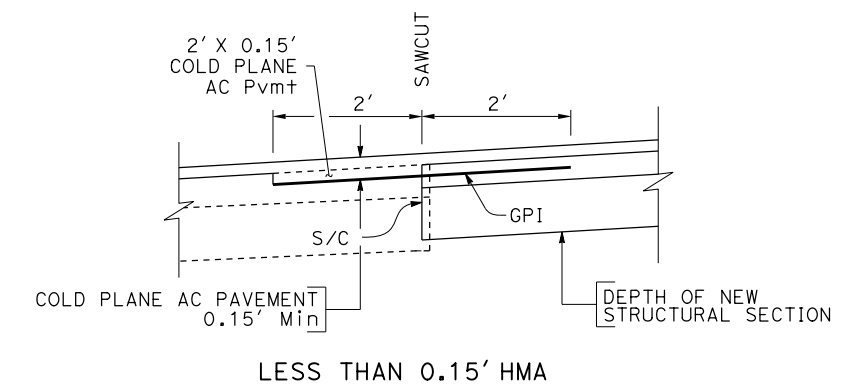
LOCAL ROAD TAPER



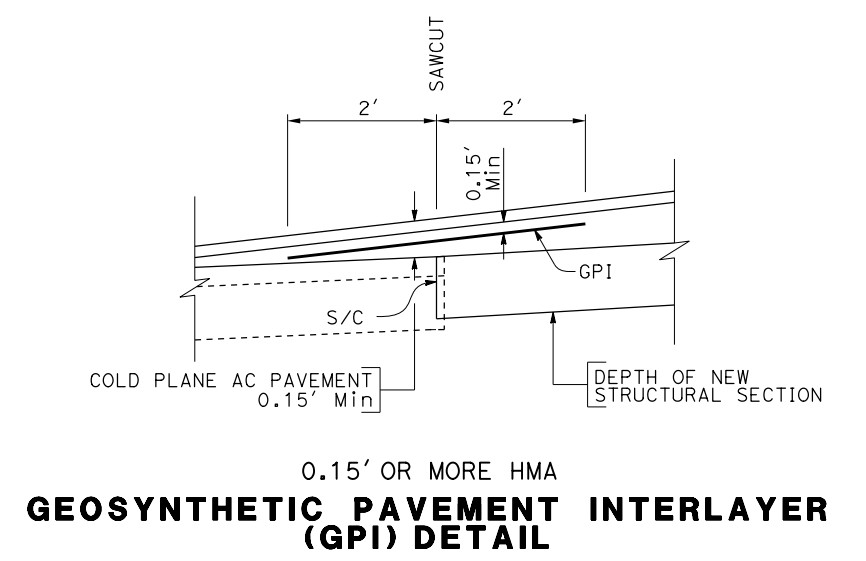
PRIVATE PAVED DRIVEWAYS WITH EXISTING AC



CONFORM



CONFORM



CONSTRUCTION DETAILS

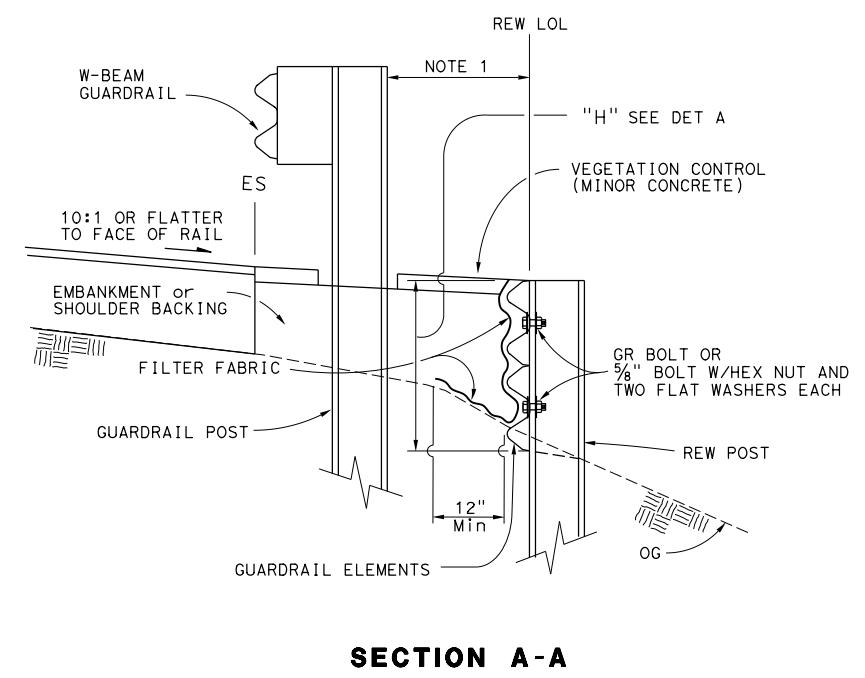
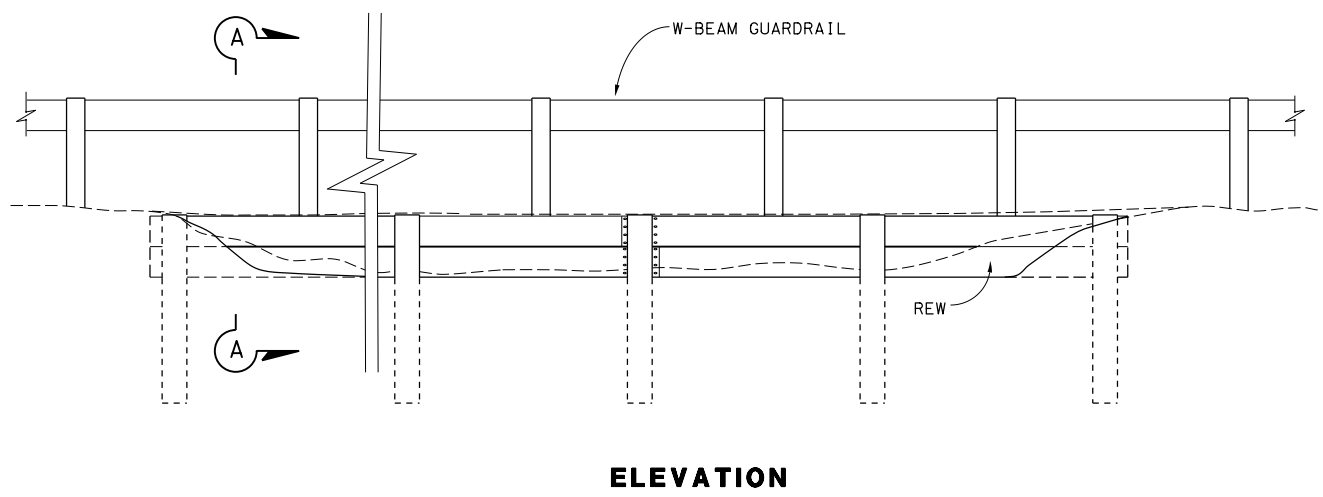
NO SCALE

C-1

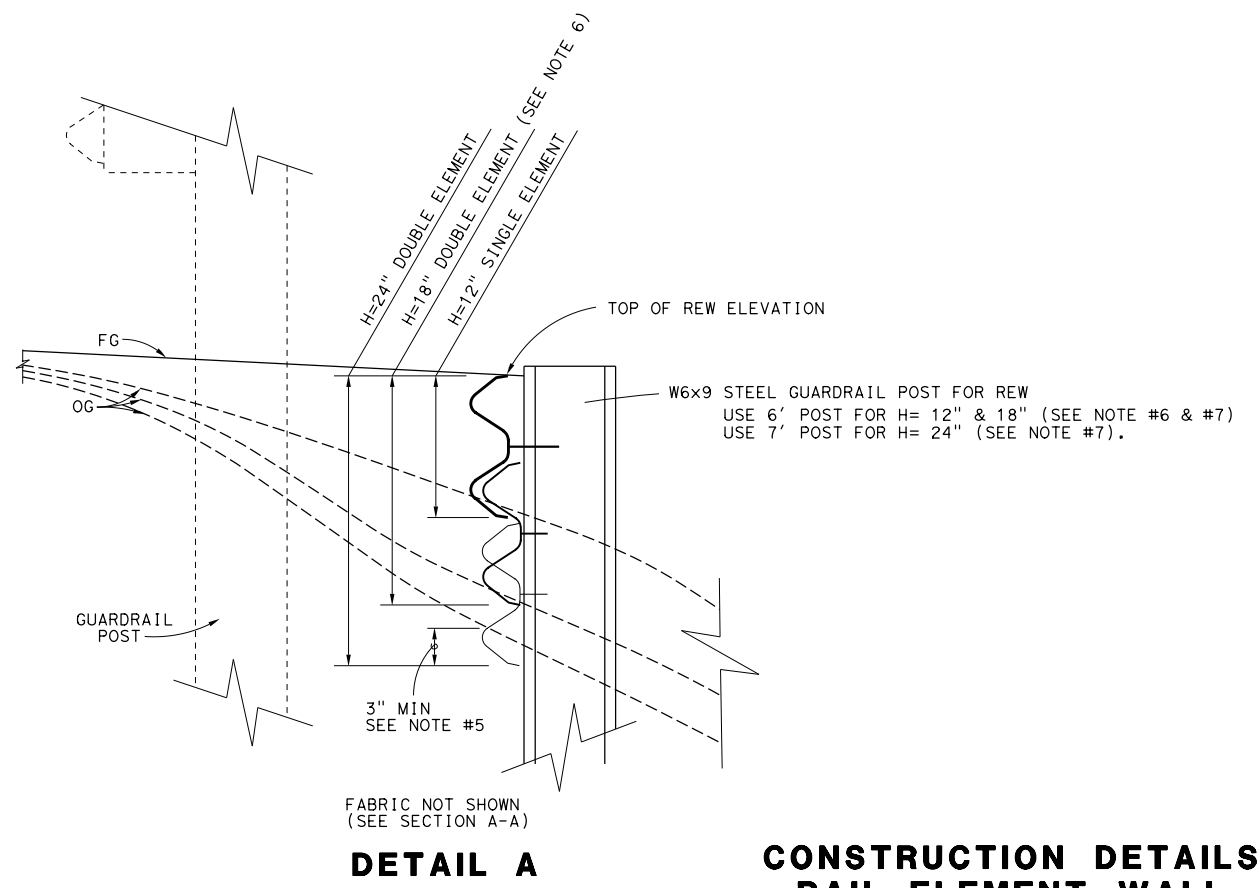
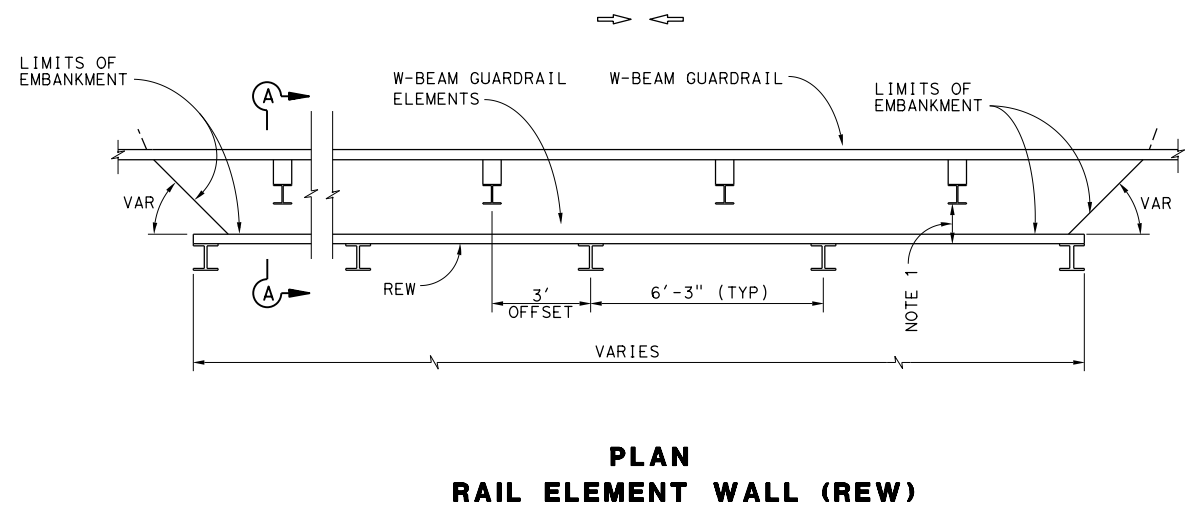
LAST REVISION DATE PLOTTED => 11-OCT-2023 TIME PLOTTED => 14:46

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 03-DESIGN
 TARIO CHECHI
 FUNCTIONAL SUPERVISOR
 GARY DUGHY
 CHOO SOON ONG
 REVISIONS:
 REVISED BY DATE
 CHECKED BY
 DESIGNED BY
 CALCULATED BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		
REGISTERED CIVIL ENGINEER SIG			REGISTERED CIVIL ENGINEER SIGD	DATE DATE	
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					



- NOTES:
- DISTANCE BEHIND GUARDRAIL POST TO FACE OF RAIL ELEMENT WALL - MIN 3' FOR END ANCHOR POSTS MIN 2' FOR TRANSITION POSTS AND MIN 2' FOR 6' W-BEAM GUARDRAIL POSTS MIN 1' FOR 7' W-BEAM GUARDRAIL POSTS
 - POSTS FOR RAIL ELEMENT WALL MUST BE STEEL. SEE A77N2
 - POST FOR W-BEAM GUARDRAIL MAY BE WOOD OR STEEL. SEE PROJECT SPECIAL PROVISIONS.
 - REW ELEMENT SPLICE CONNECTIONS TO BE STANDARD 8 BOLT W-BEAM CONNECTION. SEE RSP A77L2.
 - BOTTOM OF REW ELEMENT MUST EXTEND MIN 3 INCHES BELOW OG. OR USE TALLER H.
 - FOR H= 18", OVERLAP UNDULATION ON TOP AND BOTTOM ELEMENTS OR USE THRIE BEAM ELEMENT.
 - DRILL HOLES AS NEEDED IN REW POST TO ATTACH ELEMENTS.



CONSTRUCTION DETAILS
RAIL ELEMENT WALL
 NO SCALE
C-2

DATE PLOTTED => 11-OCT-2023
 TIME PLOTTED => 14:46
 LAST REVISION 04-12-23

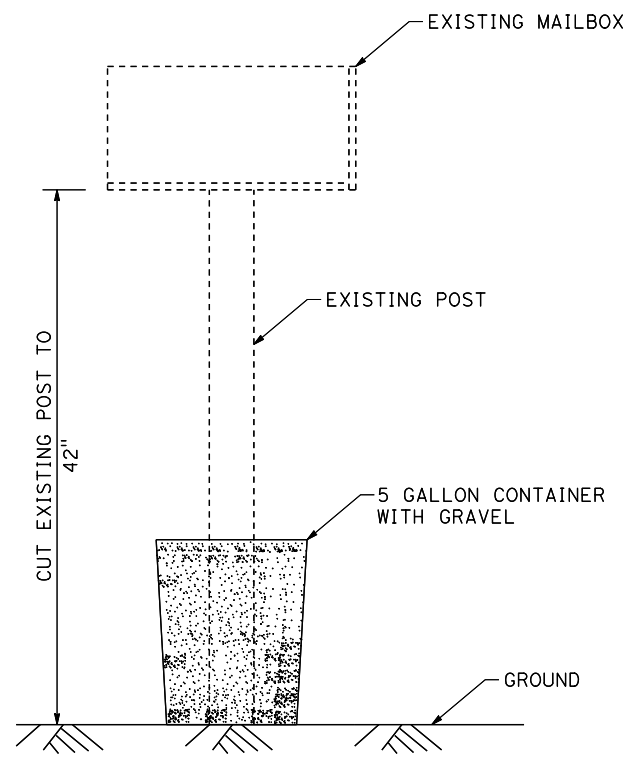
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		
REGISTERED CIVIL ENGINEER		SIGD DATE		No.	
PLANS APPROVAL DATE				Exp.	
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					



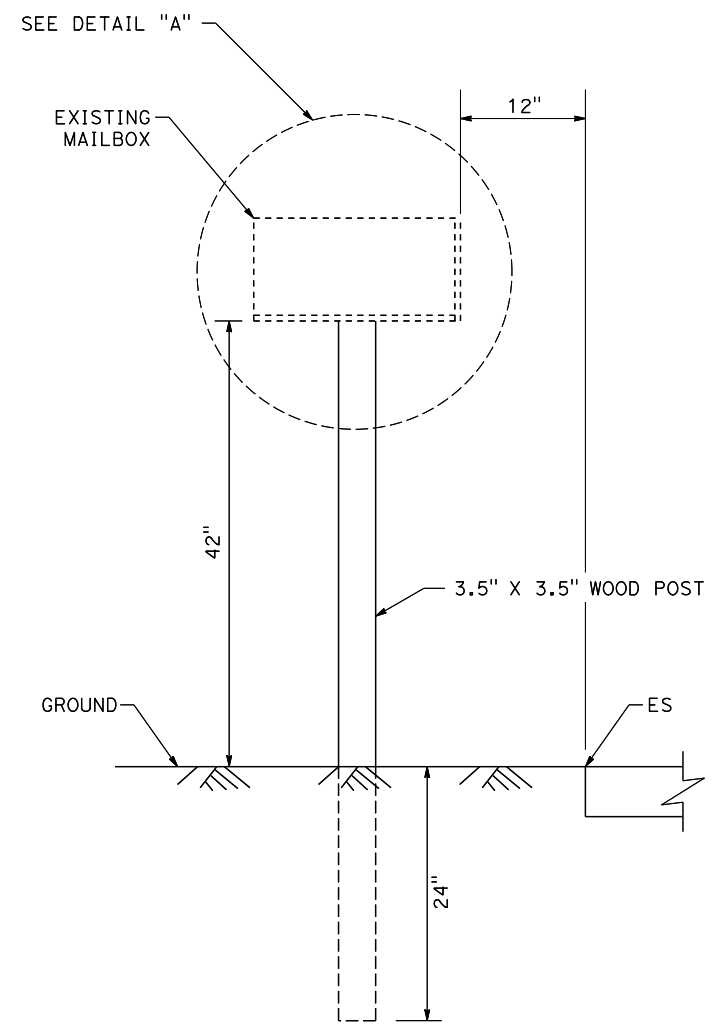
NOTES:

1. OTHER MAILBOX DESIGNS SATISFYING THE U.S. POST OFFICE SPECIFICATIONS MAY BE USED IN LIEU OF THIS DESIGN.
2. NEWSPAPER RECEPTACLES ATTACHED TO EXISTING MAILBOX POST WILL ALSO BE REATTACHED TO THE NEW POST.
3. DETAILS SHOWN ARE FOR 8" WIDTH MAILBOXES. ADJUST DIMENSIONS FOR BOXES OF DIFFERENT WIDTHS, CONTRACTOR SHALL VERIFY DIMENSIONS IN THE FIELD.
4. SEE SHEET SUMMARY OF QUANTITY SHEETS FOR LOCATION AND QUANTITY OF RELOCATE MAILBOX. ENGINEER TO DETERMINE FINAL LOCATION.

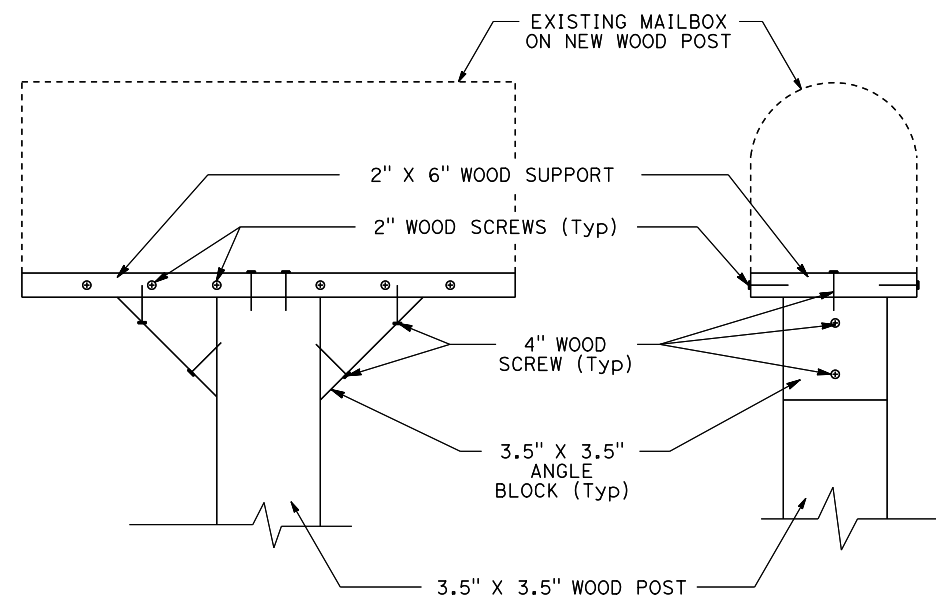
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
 03-DESIGN
 TARIQ CHECHI
 FUNCTIONAL SUPERVISOR
 CHECKED BY
 GARY DUGHY
 CHOO SOON ONG
 REVISOR BY
 DATE REVISOR



TEMPORARY MAILBOX ANCHOR



RESET/RELOCATE MAILBOX



**DETAIL "A"
(SINGLE MAILBOX ASSEMBLY)**

CONSTRUCTION DETAILS
NO SCALE
C-3

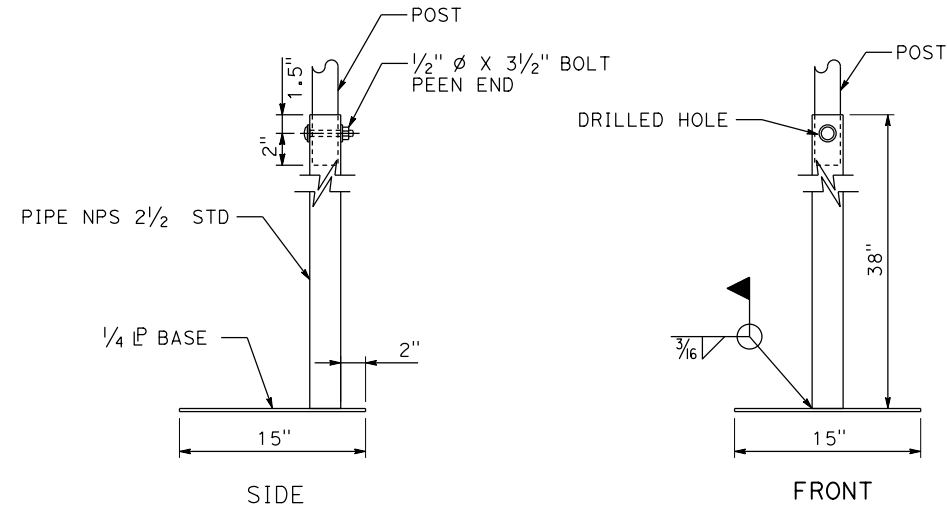
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

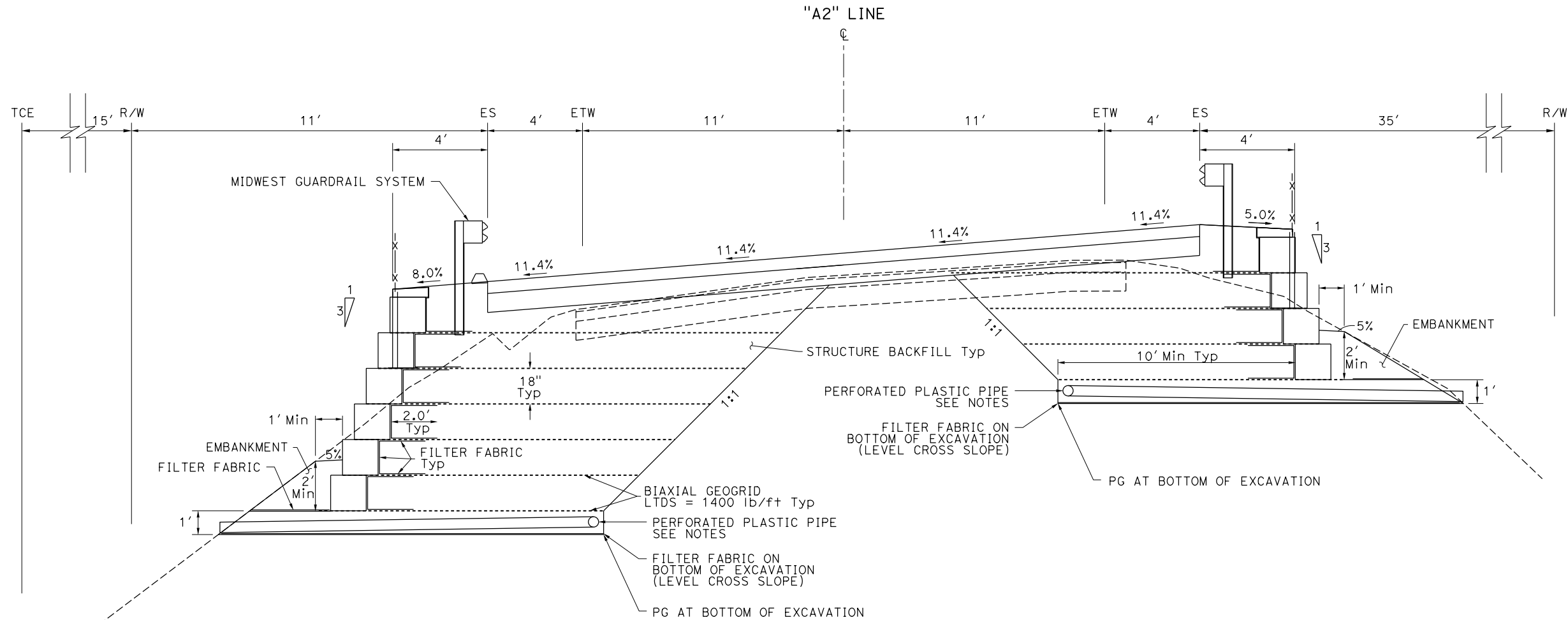
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NOTES:

- FOR DETAILS NOT SHOWN, SEE S+D Pin.
- STACK GABION BASKETS ON TOP OF BIAXIAL GEOGRID.
- PLACE CABLE RAILING POST BASES IN GABION BASKETS BEFORE FILLING WITH ROCK.
- PLACE 4" ϕ SMOOTHED WALL PVC PERFORATED PIPE UNDERDRAIN.
- MAXIMUM SPACING OF OUTLET PIPE IS 48', GRADE TO DRAIN.
- FOR HMA DIKE, DIKE TYPES, AND LOCATIONS SEE LAYOUT SHEETS.
- SEE S+D PLANS A77N5, A77N5A, AND A77N6 FOR DETAILS NOT SHOWN.



DETAIL A
CABLE RAILING POST BASE



MECHANICALLY STABILIZED EARTH

MSE #1 "B2" 103+19.5 R+ to 103+97.3 R+
MSE #2 "B2" 102+14.8 L+ to 104+09.8 L+

CONSTRUCTION DETAILS

NO SCALE

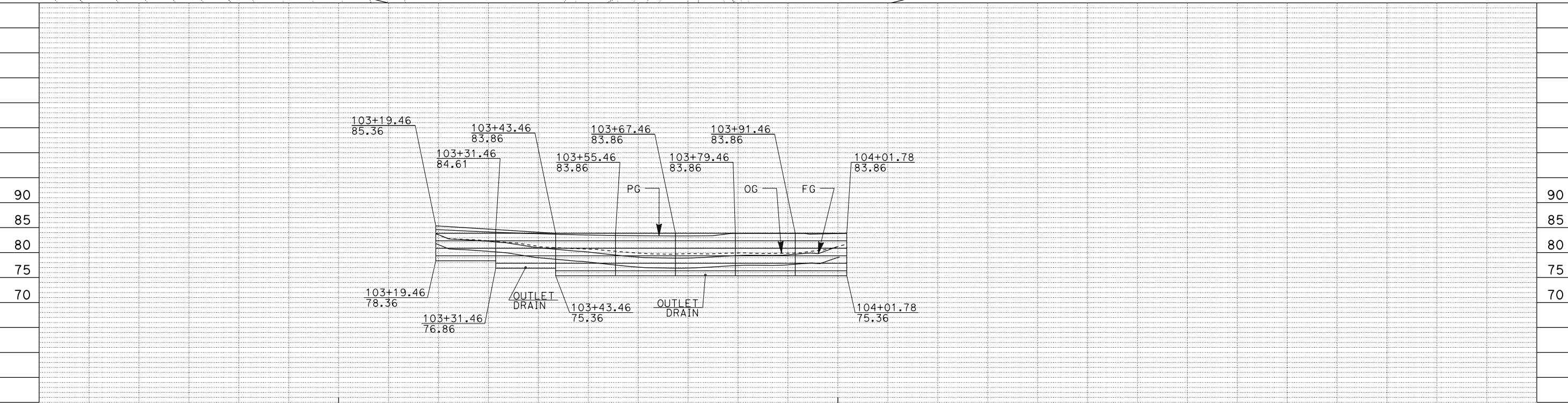
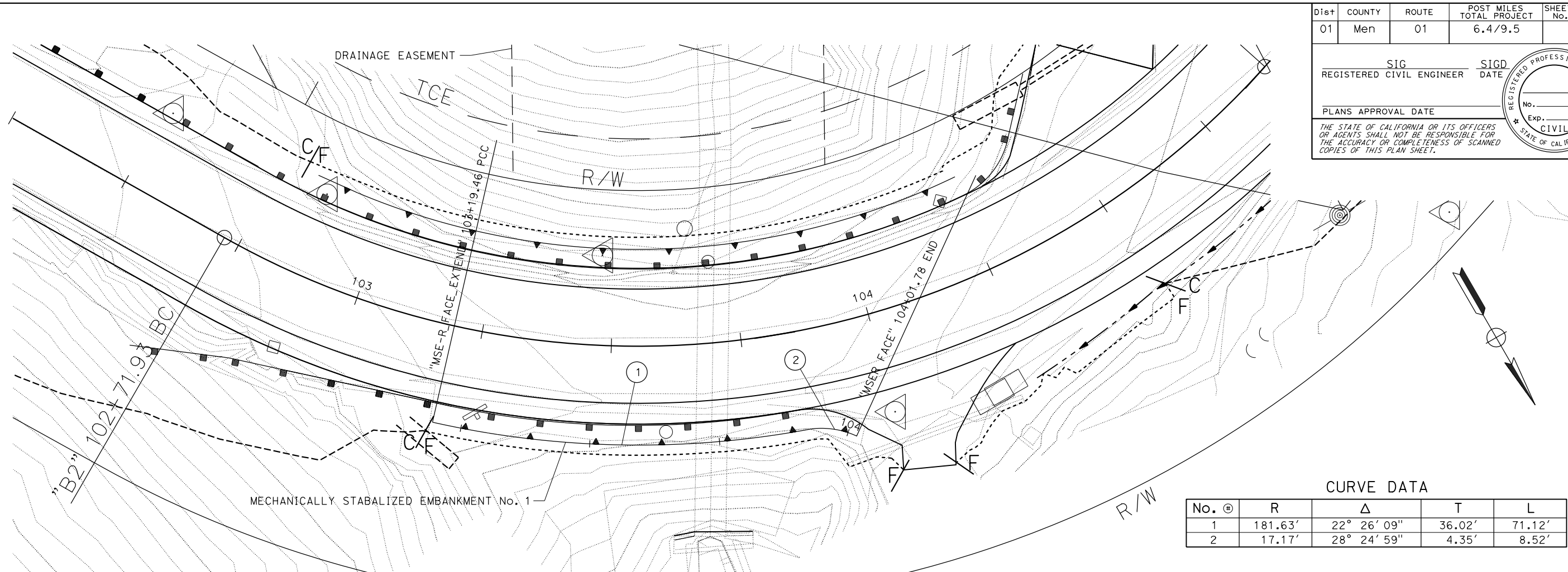
C-4

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 GEOTECH
 CHRISTOPHER RISDEN
 FUNCTIONAL SUPERVISOR
 CALCULATED BY
 DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISED

P:\proj\15\01\07710\des\ign\500 Contract Preparation\510 Plans\511 Basic Plans\500 Construction Details\0116000047ga005.dgn
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 GEOTECH
 GARY DUGHY
 TARIO CHECHI
 REVISOR
 DATE
 CHECKED BY
 CALCULATED-DESIGNED BY
 CHRISTOPHER RISEN
 FUNCTIONAL SUPERVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG
 REGISTERED CIVIL ENGINEER
 SIGD DATE
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



MECHANICALLY STABILIZED EMBANKMENT No. 1

CONSTRUCTION DETAILS
MSE No. 1
 SCALE: 1" = 10' Horiz
 1" = 5' Vert **C-5**

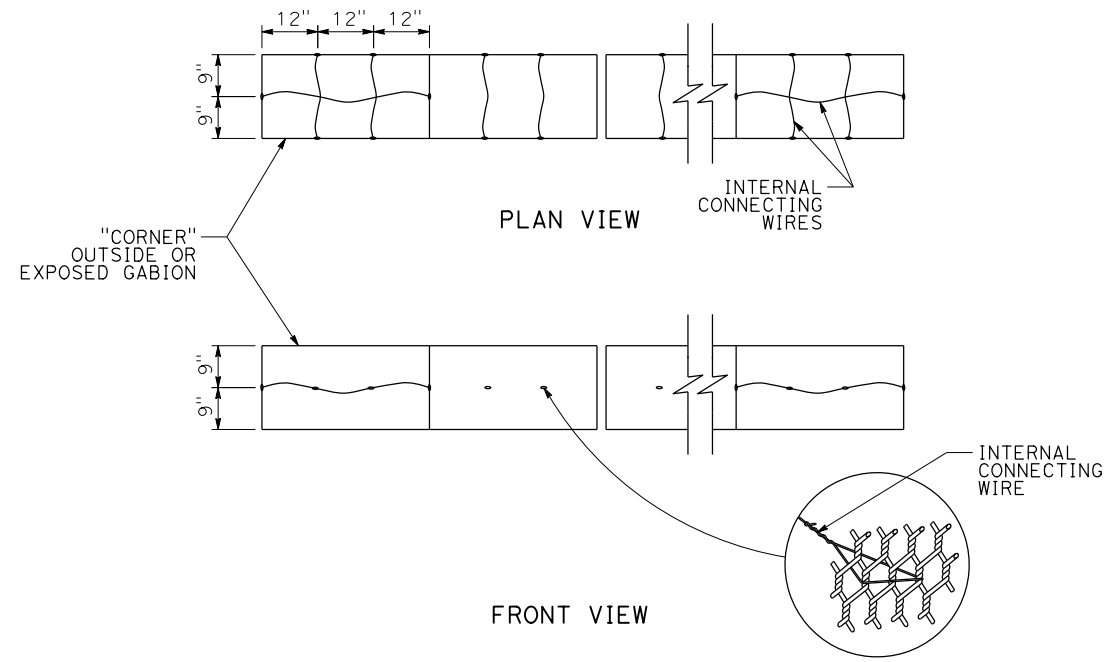
LAST REVISION DATE PLOTTED => 11-OCT-2023 TIME PLOTTED => 14:47

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		
REGISTERED CIVIL ENGINEER		SIGD DATE		REGISTERED PROFESSIONAL ENGINEER	
PLANS APPROVAL DATE				No. _____	
				Exp. _____	
				CIVIL	
				STATE OF CALIFORNIA	

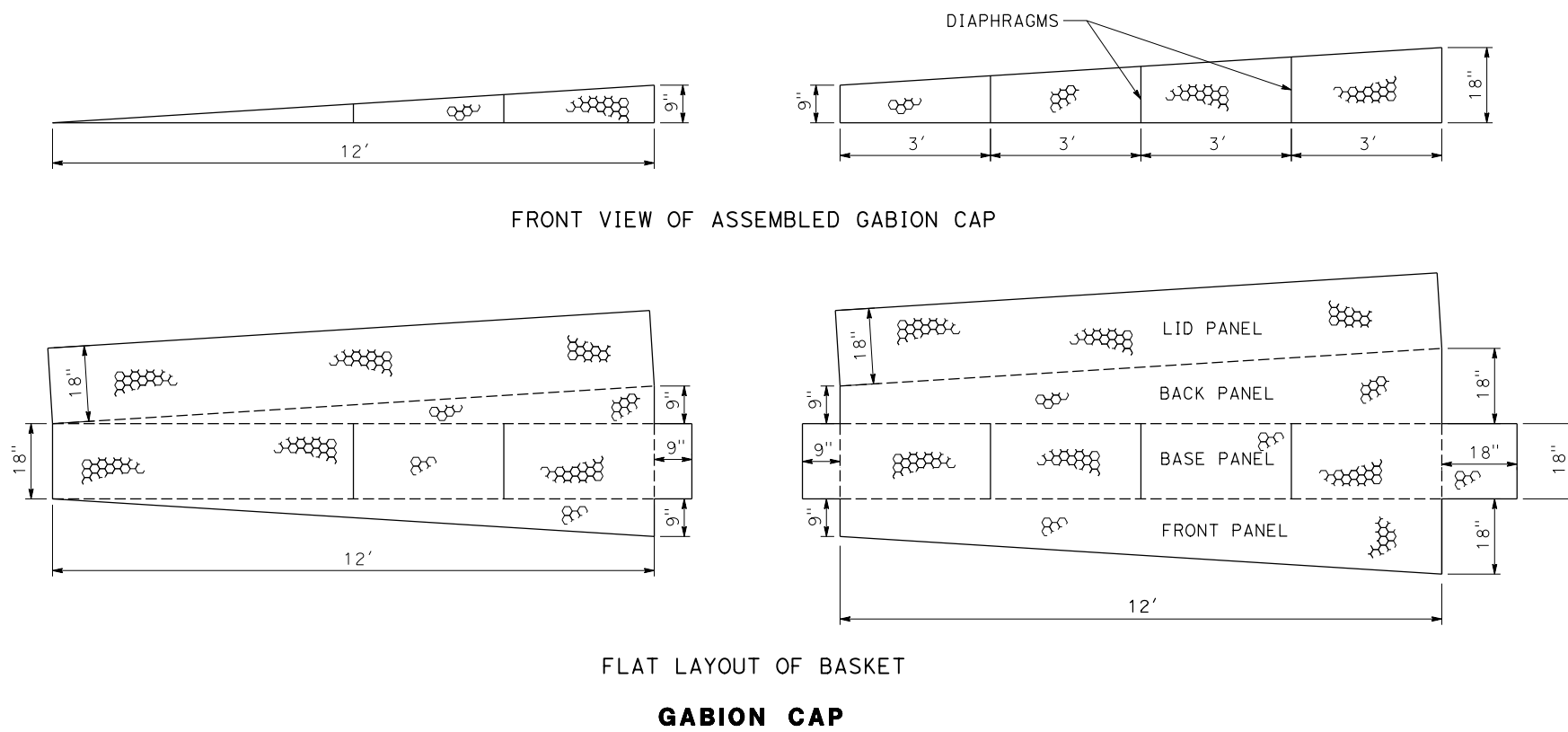
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

SEE S+D PLANS D100A & D100B FOR DETAILS NOT SHOWN.



13.5-GAUGE INTERNAL CONNECTING WIRES

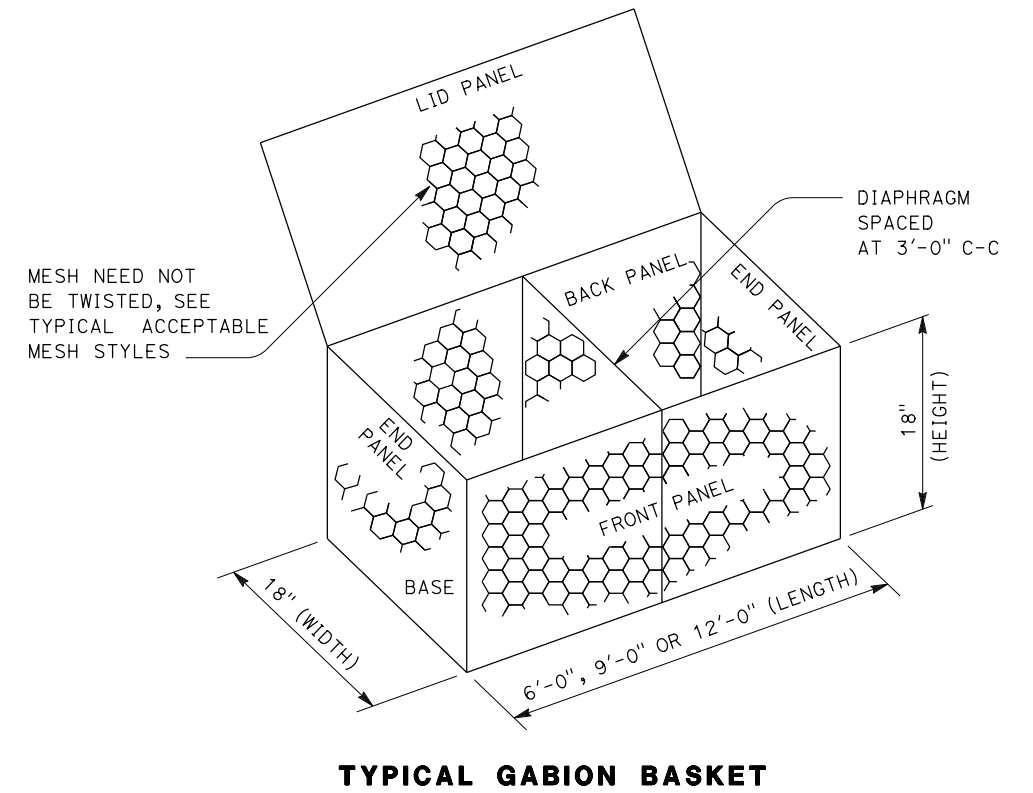


FRONT VIEW OF ASSEMBLED GABION CAP

FLAT LAYOUT OF BASKET

GABION CAP

GABIONS FOR MSE FACING



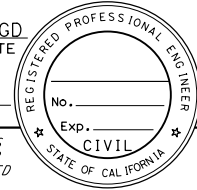
TYPICAL GABION BASKET

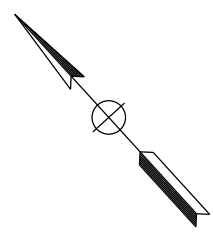
CONSTRUCTION DETAILS

NO SCALE

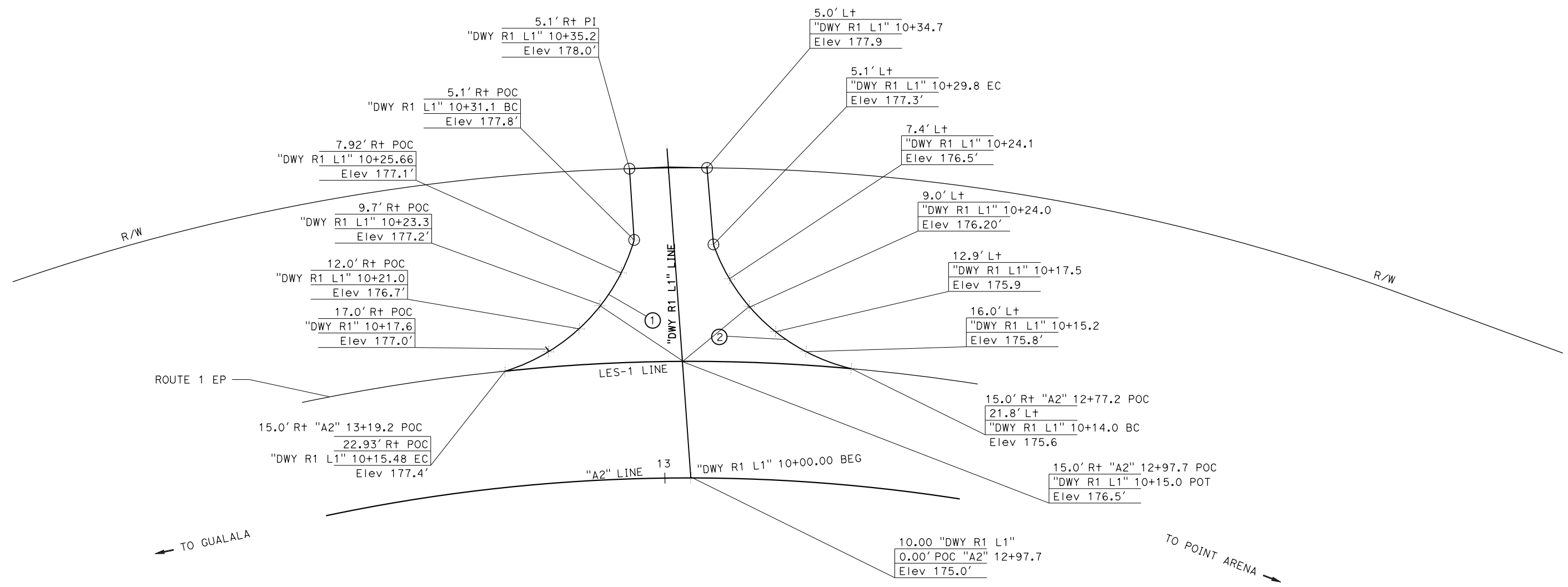
C-7

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 GEOTECH
 FUNCTIONAL SUPERVISOR
 CHRISTOPHER RISDEN
 CALCULATED BY
 DESIGNED BY
 CHECKED BY
 REVISOR BY
 DATE REVISOR
 DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		
REGISTERED CIVIL ENGINEER			SIGD DATE		
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



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 FUNCTIONAL SUPERVISOR
 CARLOS BURKS
 REVISOR
 CHECKED BY
 DESIGNED BY
 DATE REVISOR
 DATE REVISOR



DWY R1 L1 DRIVEWAY

LOCATION 1
PAVEMENT ELEVATIONS

CURVE DATA

No. ⊕	R	Δ	T	L
1	25.00'	56°44'57"	13.50'	24.76'
2	25.00'	57°11'41"	13.63'	24.96'

CONSTRUCTION DETAILS
NO SCALE
C-8

LAST REVISION
 DATE PLOTTED => 11-OCT-2023
 TIME PLOTTED => 14:48

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

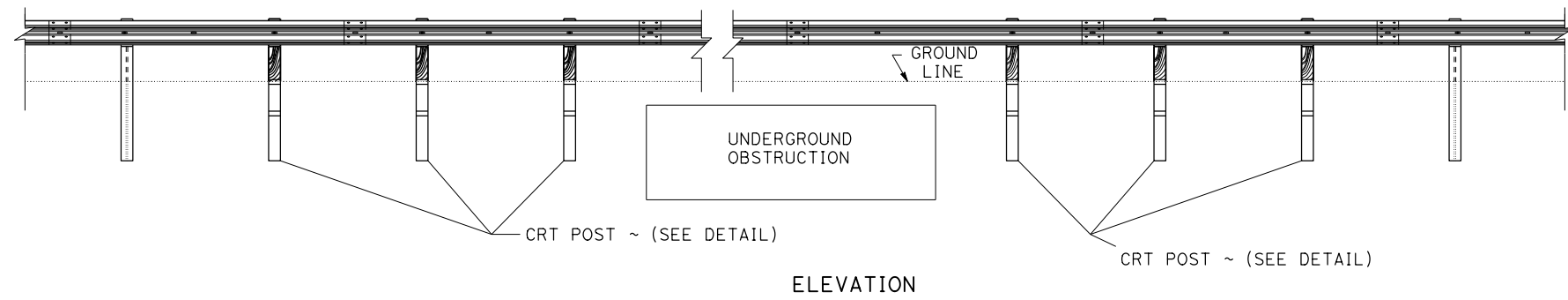
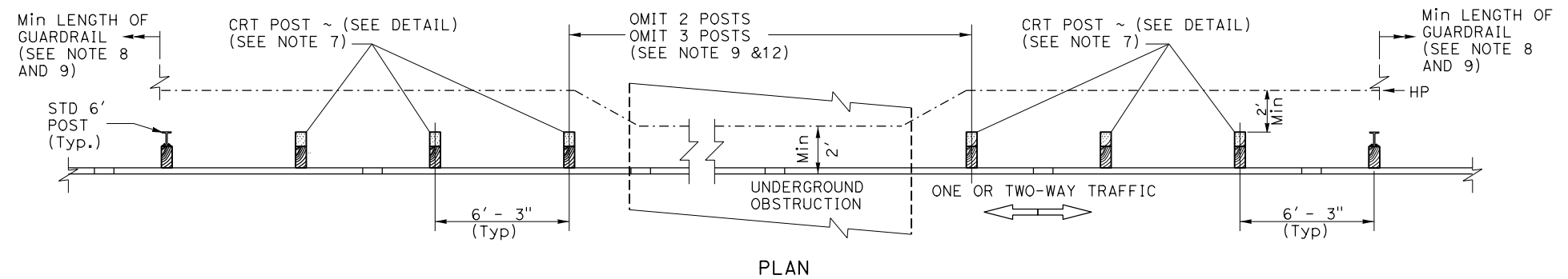
SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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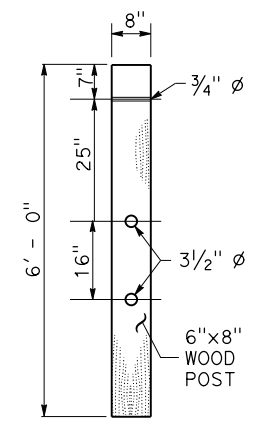


NOTES:

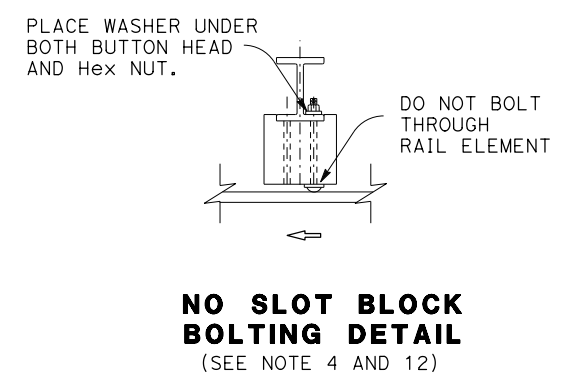
1. DETAILS SHOWN ON THIS SHEET DO NOT APPLY TO TRANSITIONS OR TERMINAL SYSTEMS. FOLLOW MANUFACTURER'S INSTRUCTIONS, DRAWINGS AND AS DESCRIBED.
2. A SINGLE LINE POST MAY BE OFFSET UP TO 12" ALONG THE RAIL. SEE NOTE 4.
3. A MAXIMUM 24" OF BLOCKS MAY BE USED TO MOVE POST BACK TO AVOID CONFLICT WITH AN UNDERGROUND OBSTACLE.
4. ATTACH GUARDRAIL ELEMENT TO POST AND BLOCK ONLY WHEN THERE IS A MANUFACTURED SLOT FOR THE BOLT. DO NOT FIELD CUT OR DRILL ELEMENT UNLESS SHOWN OR AUTHORIZED. BOLT ONLY BLOCK TO POST IF THERE IS NO SLOT IN ELEMENT. SEE NO SLOT BLOCK BOLTING DETAIL.
5. POST OMISSION DETAIL FOR UNDERGROUND OBSTRUCTIONS ONLY. NOT FOR USE AT FIXED OBJECTS.
6. CRT POST SHALL BE WOOD AND INCLUDED WITH MGS. NOT TO BE USED WITH NOTES 2 THROUGH 4 AND 12.
7. A SINGLE POST OF MGS MAY BE REMOVED WITH NO CRT POSTS REQUIRED. A MINIMUM OF 25 FEET OF STANDARD MGS IS REQUIRED BEFORE ANOTHER POST CAN BE REMOVED. A TERMINAL CAN BE PLACED OR SPECIAL GUARDRAIL FEATURE.
8. WHEN MORE THAN ONE POST IS REMOVED, PLACE A MINIMUM LENGTH OF 50 FEET OF MGS BEFORE PLACING: A TERMINAL, END ANCHOR, TRANSITION, OVERSIZED POST SPECIAL GUARDRAIL FEATURE, OR REMOVING ANOTHER POST.
9. FOR DETAILS NOT SHOWN, SEE STANDARD PLANS.
10. EXISTING UTILITY FACILITIES HAVE NOT BEEN INCLUDED ON THESE PLANS.
11. USE A 25' GUARDRAIL ELEMENT WHEN 3 POSTS ARE REMOVED TO SPAN THE OMITTED POSTS.
12. WHEN AN ADDITIONAL POST FALLS AT A RAIL ELEMENT SPLICE OR ANY OTHER LAPPED RAIL, DO NOT ATTACH RAIL TO BLOCK EVEN IF THERE IS A SLOT. USE LAPPED RAIL BLOCK BOLTING DETAIL.



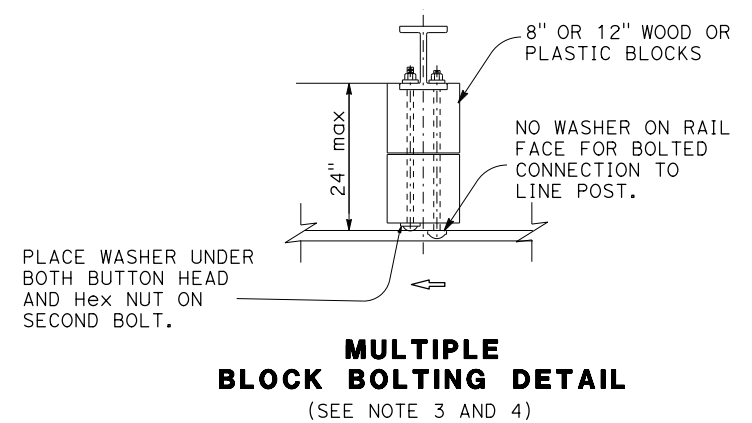
MGS POST OMISSION DETAIL
(SEE NOTE 6)



CONTROLLED RELEASE TERMINAL (CRT) POST DETAIL
(SEE NOTE 7)



NO SLOT BLOCK BOLTING DETAIL
(SEE NOTE 4 AND 12)



MULTIPLE BLOCK BOLTING DETAIL
(SEE NOTE 3 AND 4)

POST PLACEMENT OPTIONS

CONSTRUCTION DETAILS
NO SCALE
C-10

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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 GARY DUGHY
 CHOO SOON ONG
 TARIQ CHECHI
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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LEGEND:

COLD PLANE AC PAVEMENT

REMOVE AC PAVEMENT

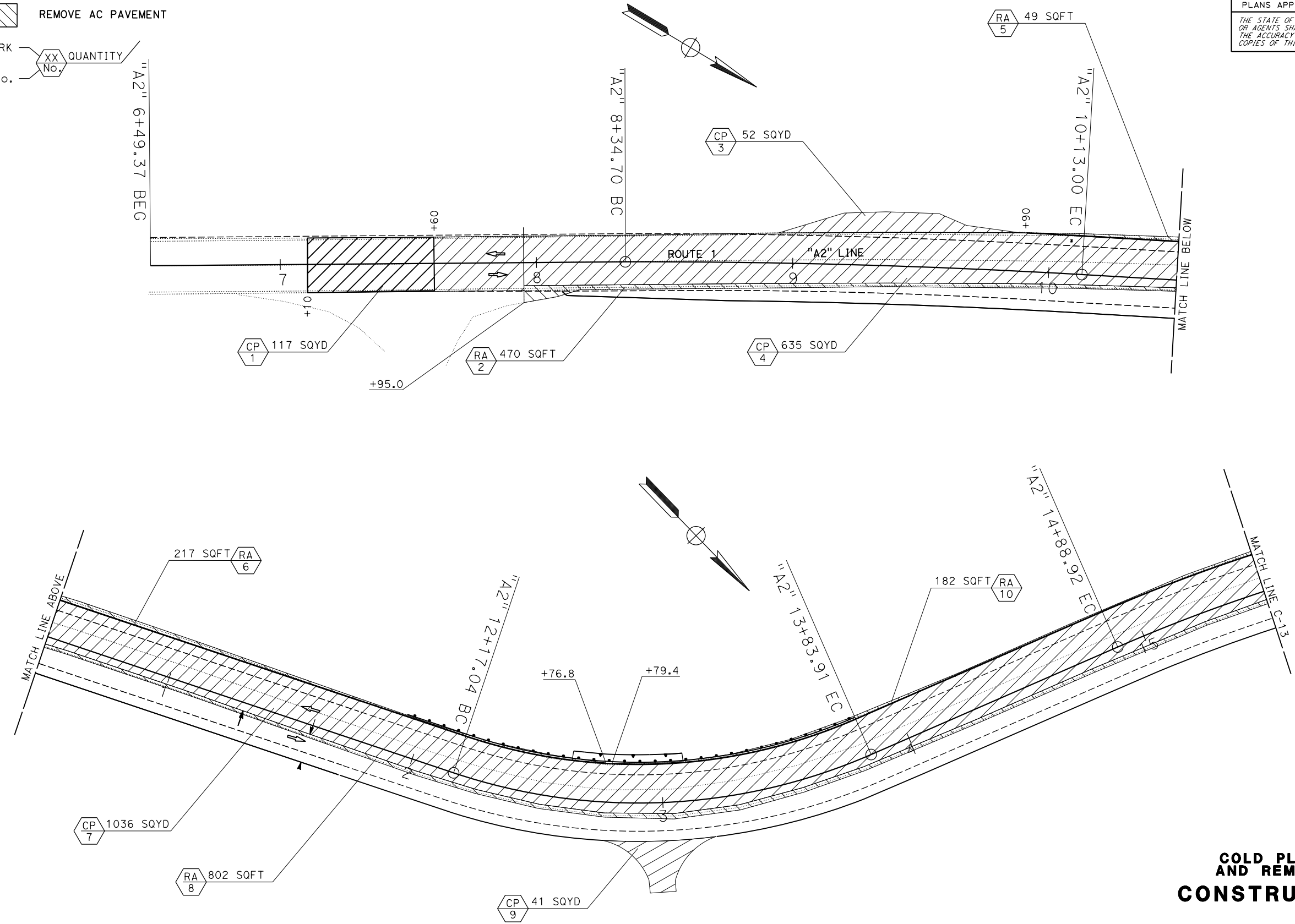
ABBREVIATIONS:

CP = COLD PLANE AC PAVEMENT

RA = REMOVE AC PAVEMENT

TYPE OF WORK (XX) QUANTITY

AREA No. (No.)



COLD PLANE AC PAVEMENT AND REMOVE AC PAVEMENT CONSTRUCTION DETAILS

LOCATION 1

SCALE: 1" = 20' **C-12**

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 TARIO CHECHI
 TARIO CHECHI
 PANG JAI THAO
 TARIO CHECHI
 REVISOR BY DATE
 REVISOR BY DATE
 CHECKED BY
 DESIGNED BY
 CALCULATED BY
 DESIGNED BY
 CHECKED BY

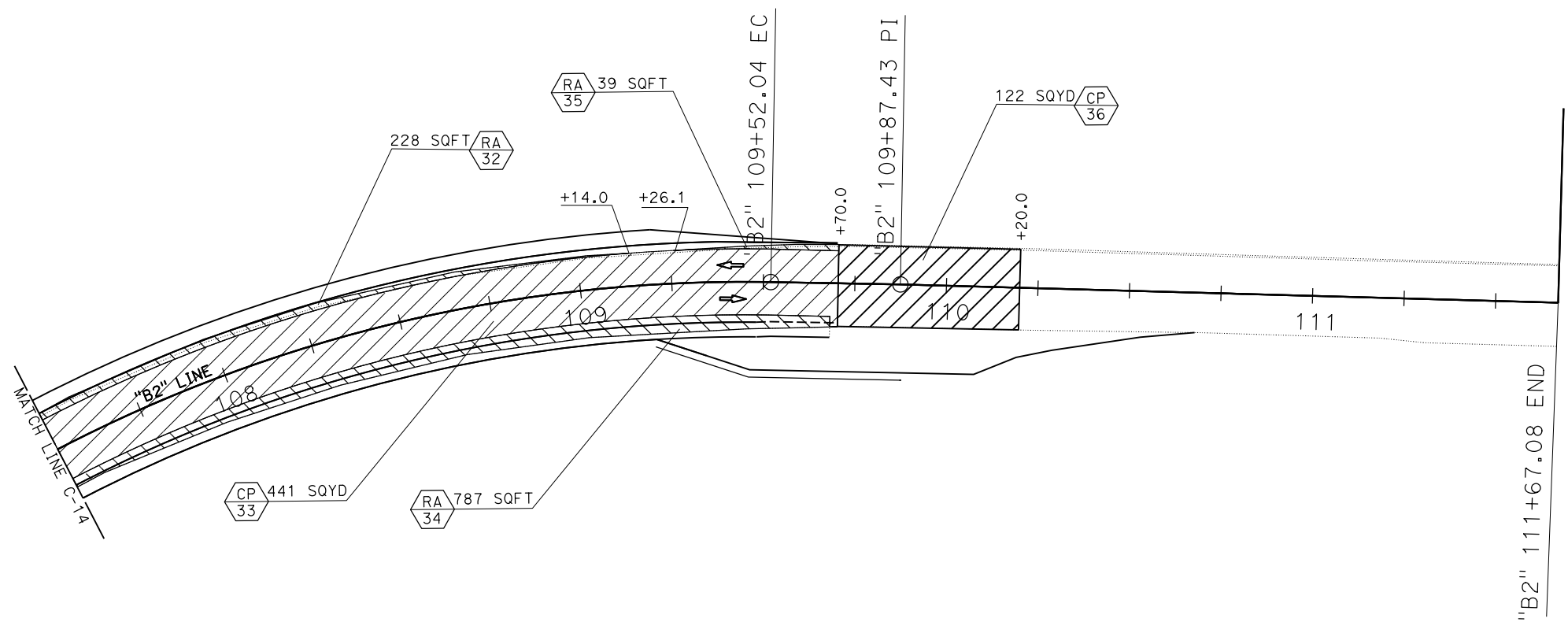
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 08-11-23

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
 TARIO CHECHI
 TARIO CHECHI
 PANG JAI THAO
 TARIO CHECHI
 REVISOR BY
 DATE REVISOR
 CHECKED BY
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 CALCULATED BY
 DESIGNED BY
 CHECKED BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

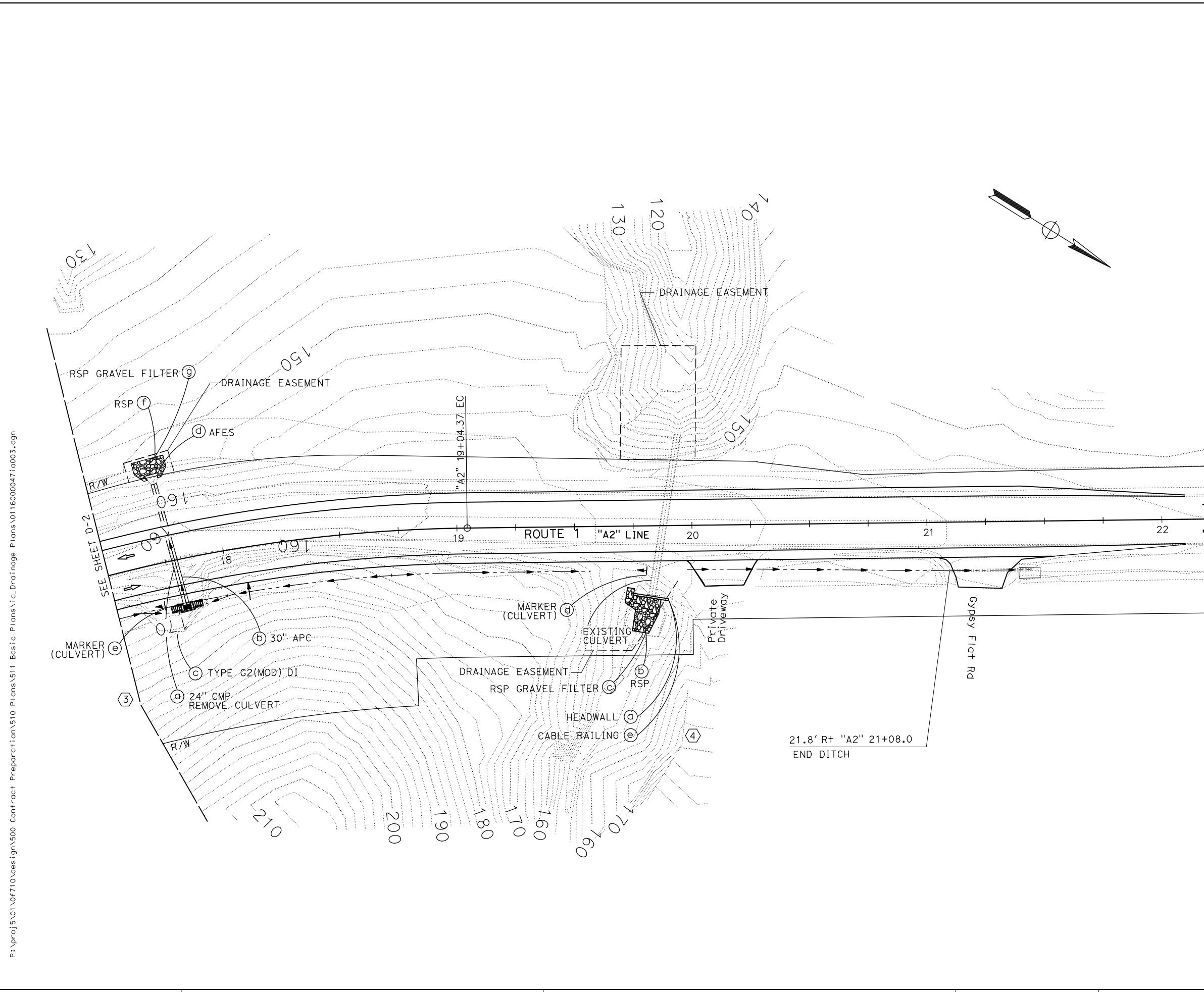
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**COLD PLANE AC PAVEMENT
 AND REMOVE AC PAVEMENT
 CONSTRUCTION DETAILS**
 LOCATION 2
 SCALE: 1" = 20' **C-15**

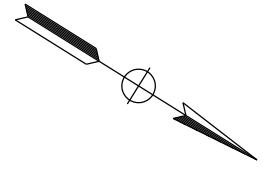
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 08-11-23

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 GARY DUGHY
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 REVISIONS
 DATE



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

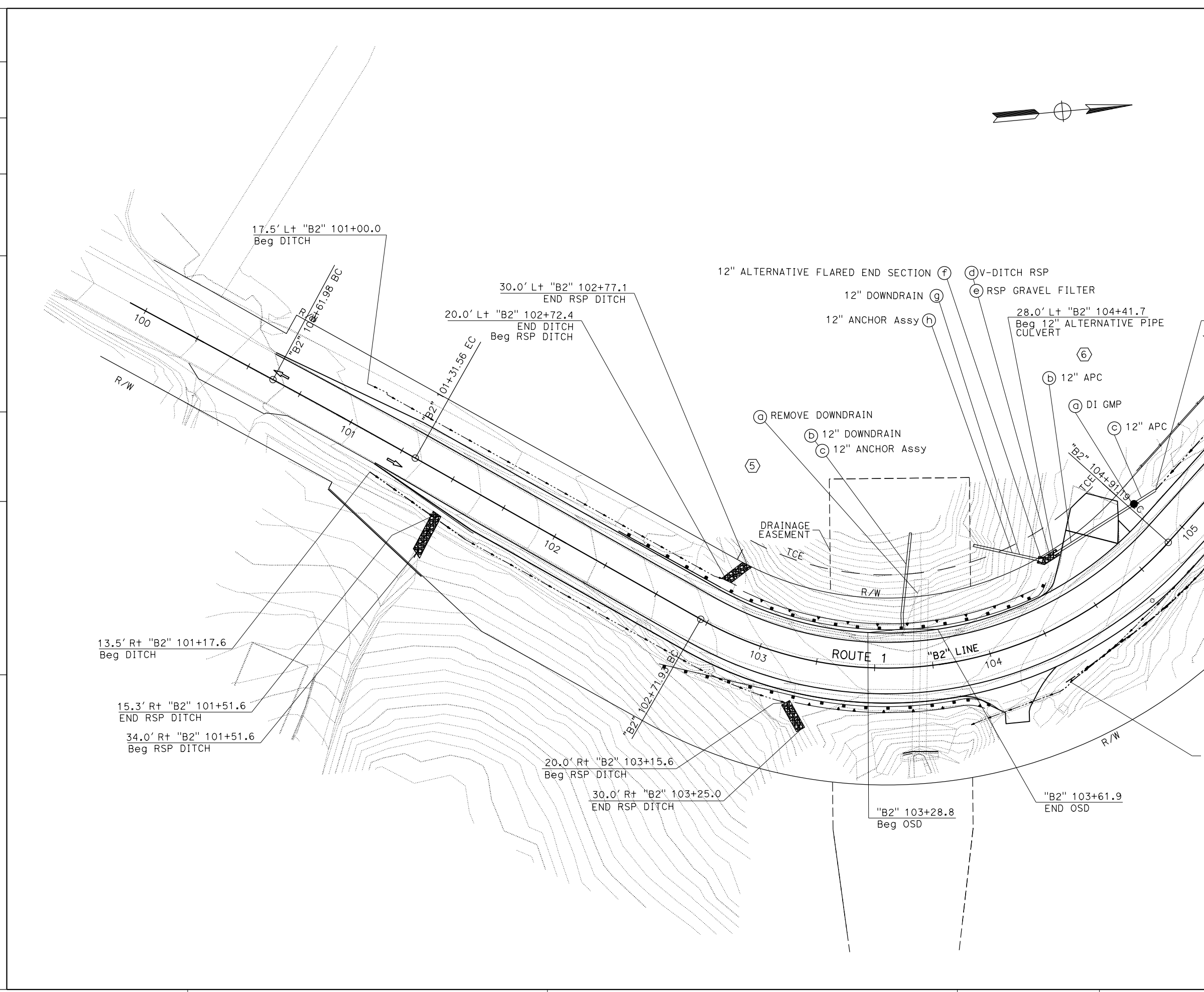
REGISTERED CIVIL ENGINEER
 SIG
 DATE
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



DRAINAGE PLAN
LOCATION 1
 SCALE: 1" = 20'
D-3

LAST REVISION
 10-09-23
 DATE PLOTTED => 11-OCT-2023
 TIME PLOTTED => 14:50

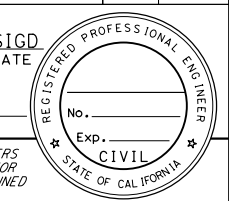
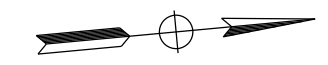
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
03-DESIGN



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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DRAINAGE PLAN
LOCATION 2
SCALE: 1" = 20' **D-4**

DATE PLOTTED => 11-OCT-2023
 TIME PLOTTED => 14:50
 LAST REVISION 08-30-23

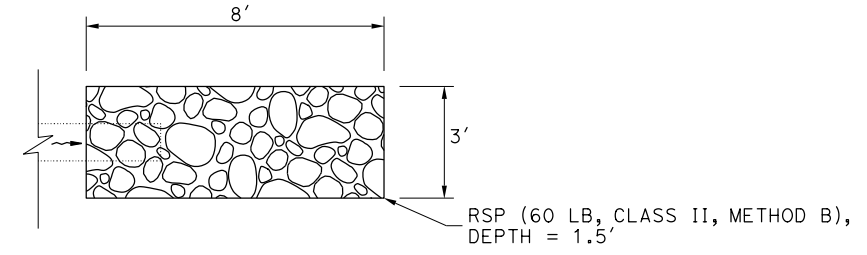
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 03-DESIGN
 TARIO CHECHI
 TARIO CHECHI
 GARY DUGH
 TARIO CHECHI
 REVISOR BY
 DATE REVISOR
 CHECKED BY
 DESIGNED BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

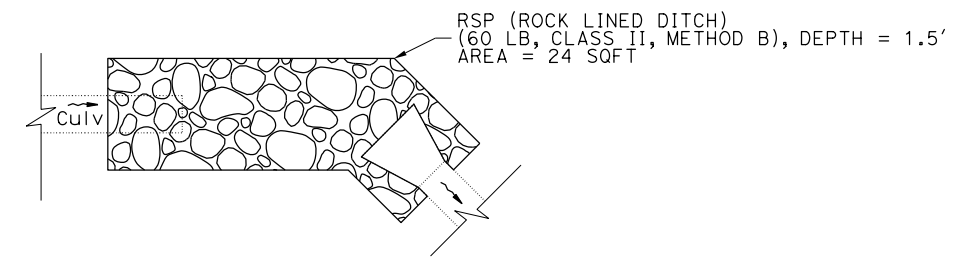
REGISTERED PROFESSIONAL ENGINEER
 No. _____
 Exp. _____
 CIVIL
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



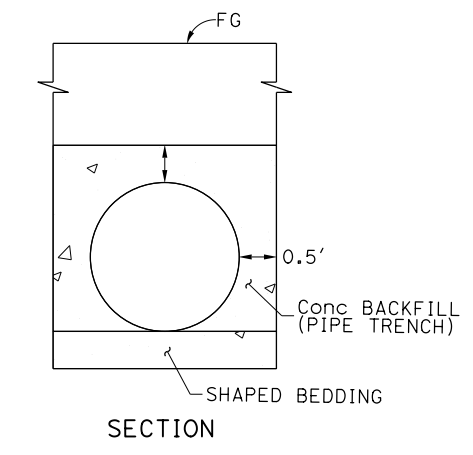
ROCK SLOPE PROTECTION

DRAINAGE SYSTEM NO. **6**-i-j



ROCK SLOPE PROTECTION

DRAINAGE SYSTEM NO. **6**-d-e



CONCRETE BACKFILL (PIPE TRENCH)

DRAINAGE SYSTEM NO. **2**-a **5**-b

DRAINAGE DETAILS
NO SCALE **DD-3**

LAST REVISION
 DATE PLOTTED => 11-OCT-2023
 TIME PLOTTED => 14:51

x

x

x

x

x

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

03-DESIGN

FUNCTIONAL SUPERVISOR

TARIO CHECHI

CALCULATED-DESIGNED BY

CHECKED BY

GARY DUGHY

TARIO CHECHI

REVISED BY

DATE REVISED

DRAINAGE QUANTITIES

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG REGISTERED CIVIL ENGINEER
 SIGD DATE
 PLANS APPROVAL DATE

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DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	(N)	PCC		CABLE RAILING *	36" CORRUGATED STEEL PIPE INLET (.109" THICK)	MISCELLANEOUS IRON AND STEEL	12" ALTERNATIVE PIPE CULVERT	30" ALTERNATIVE PIPE CULVERT	36" ALTERNATIVE PIPE CULVERT	12" CORRUGATED STEEL PIPE DOWNDRAIN (.079" THICK)	12" ANCHOR ASSEMBLY	12" ALTERNATIVE FLARED END SECTION	30" ALTERNATIVE FLARED END SECTION	36" ALTERNATIVE FLARED END SECTION	RSP		DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	STATION	DESCRIPTION	
				STRUCTURAL CONCRETE, DI	STRUCTURAL CONCRETE, HEADWALL												ROCK SLOPE PROTECTION (60 LB, CLASS II, METHOD B) (CY)	ROCK SLOPE PROTECTION GRAVEL FILTER						
D-2	1	a	48.9								56.4							D-2	1	a	"A2" 12+44.71	REMOVE CULVERT (36" CMP x 49.4')		
		b															5.1	D-2		b		RSP (60 lb, Class II, METHOD B) 91.2 SQFT x 1.5'		
		c															3.4	D-2		c		RSP GRAVEL FILTER		
		d														1				d		ALTERNATIVE FLARED END SECTION		
		e																		e		PM 6.60		
		f																		f				
D-2																	2.1	1.4	D-2			"A2" 12+55.40	RSP DITCH (W = 3.0', L = 9.6')	
D-2	2	a						32.3											D-2	2	a	"A2" 12+78.96		
D-3	3	a	40.4																D-3	3	a	"A2" 17+78.96	REMOVE CULVERT (24" CMP x 40.4')	
		b								57.9									D-3		b		TYPE G2 (MOD) DRAINAGE INLET (H=4.9')	
		c						210.0											D-3		c		ALTERNATIVE FLARED END SECTION	
		d													1				D-3		d		PM 6.71	
		e																	D-3		e		RSP (150 lb, Class III, METHOD B) 106 SQFT x 2'	
		f															7.8		D-3		f		RSP GRAVEL FILTER	
		g															3.9		D-3		g			
D-3	4	a																	D-3	4	a	"A2" 19+87.75	HEADWALL 15', H = 4' 9"	
		b															9.4		D-3		b		RSP (60 lb, Class II, METHOD B) 168.4 SQFT x 1.5'	
		c																	D-3		c		RSP GRAVEL FILTER	
		d																	D-3		d		PM 6.74	
		e																	D-3		e		PM 6.74	
D-4	5	a																	D-4	5	a	"B2" 103+45.4	CABLE RAILING ON HEADWALL	
		b																	D-4		b		REMOVE DOWNDRAIN (10" CMP x 31')	
		c																	D-4		c			
D-4	6	a																	D-4	6	a	"B2" 104+50	TYPE GMP DRAINAGE INLET (H=4.9')	
		b																	D-4		b			
		c																	D-4		c			
		d																	D-4		d		V-DITCH 14'x3'x2'	
		e																	D-4		e		RSP GRAVEL FILTER	
		f																	D-4		f		ALTERNATIVE FLARED END SECTION	
		g																	D-4		g		ELBOWS: 153.71° (UPPER), 156.91° (LOWER)	
		h																	D-4		h			
			40.4	48.9	1	6	1	3.7	2.7	14.2	5.4	210.0	82.3	57.9	56.4	93.0	5	1	1	1	27.5	16.5		TOTAL

* SEE SUMMARY OF QUANTITIES FOR CABLE RAILING TOTAL

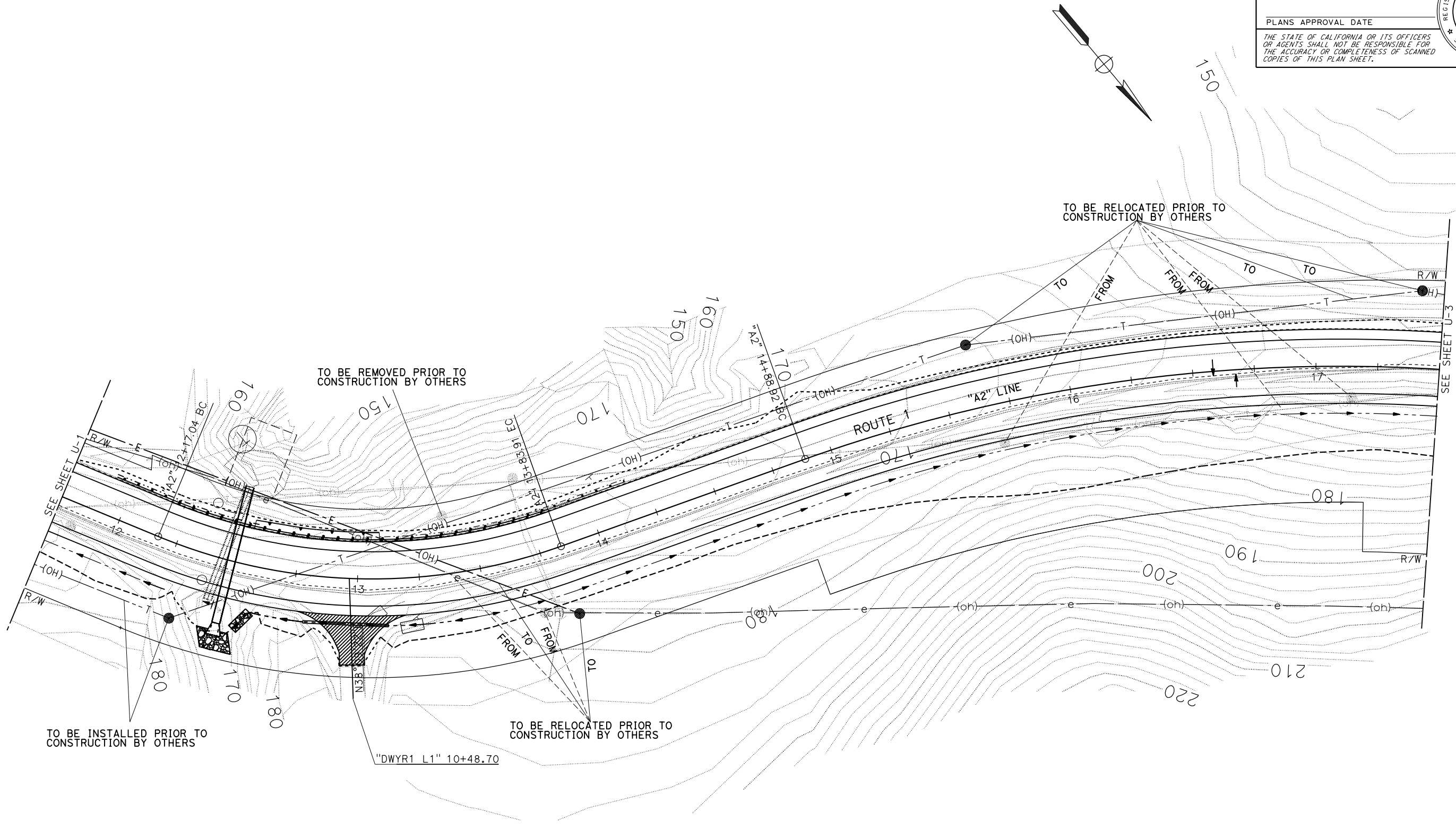
DRAINAGE QUANTITIES DQ-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		
REGISTERED CIVIL ENGINEER		SIGD DATE			
PLANS APPROVAL DATE					
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1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

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 TARIO CHECHI
 FUNCTIONAL SUPERVISOR
 CARLOS BURKS
 GARY DUGH
 REVISOR
 DATE REVISOR



THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

UTILITY PLAN
LOCATION 1
 SCALE: 1" = 20'
U-2

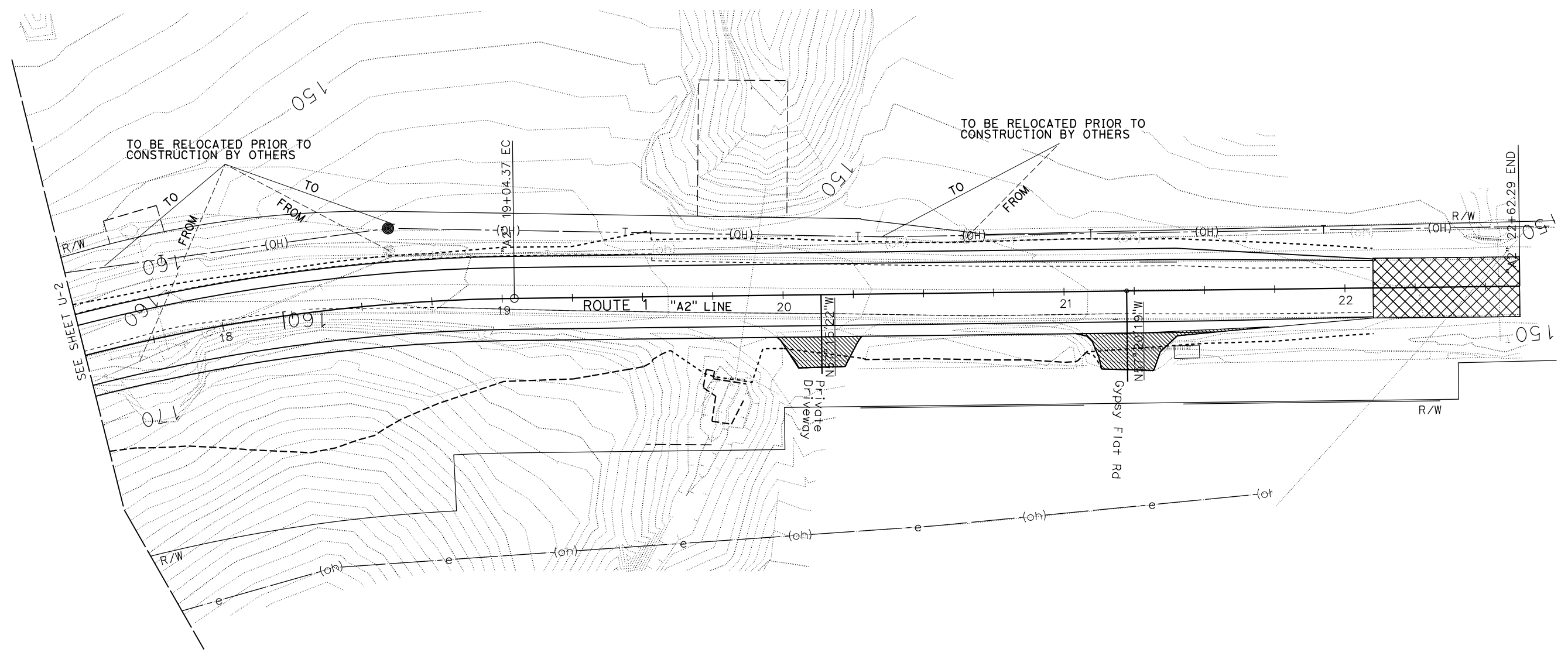
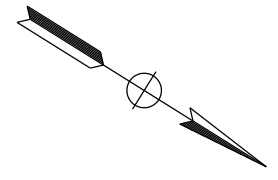
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG _____ SIGD _____
 REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 No. _____ Exp. _____
 CIVIL
 STATE OF CALIFORNIA
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UTILITY PLAN
LOCATION 1
 SCALE: 1" = 20'
U-3

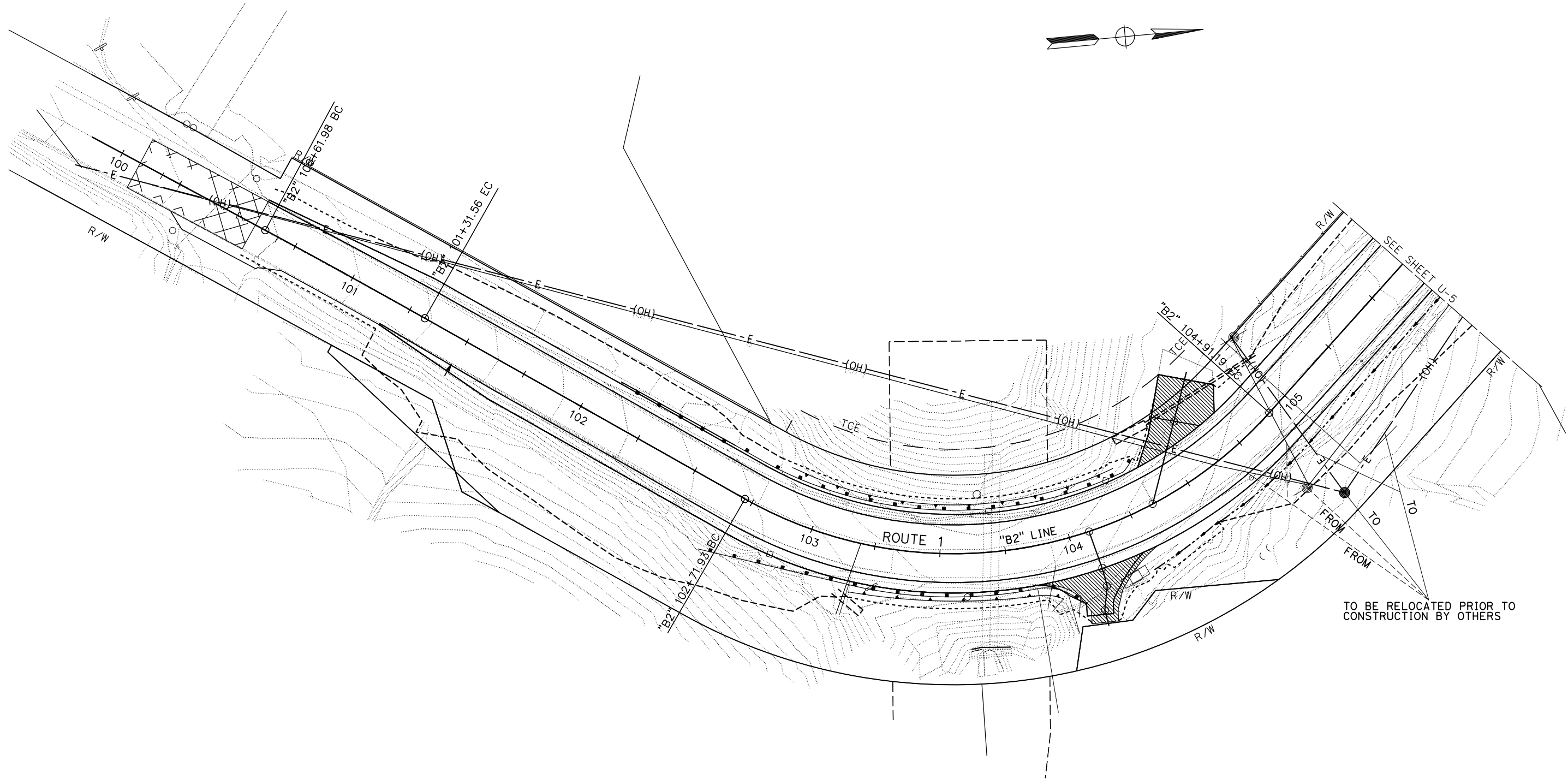
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Caltrans
03-DESIGN
 TARIO CHECHI
 FUNCTIONAL SUPERVISOR
 CARLOS BURKS
 GARY DUGHY
 REVISIONS: (None)
 REVISION BY: (None)
 DATE: (None)
 REVISION BY: (None)
 DATE: (None)

NOTE:
 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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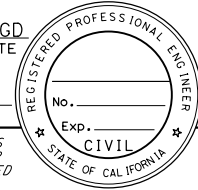
THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

UTILITY PLAN
LOCATION 2
 SCALE: 1" = 20'
U-4

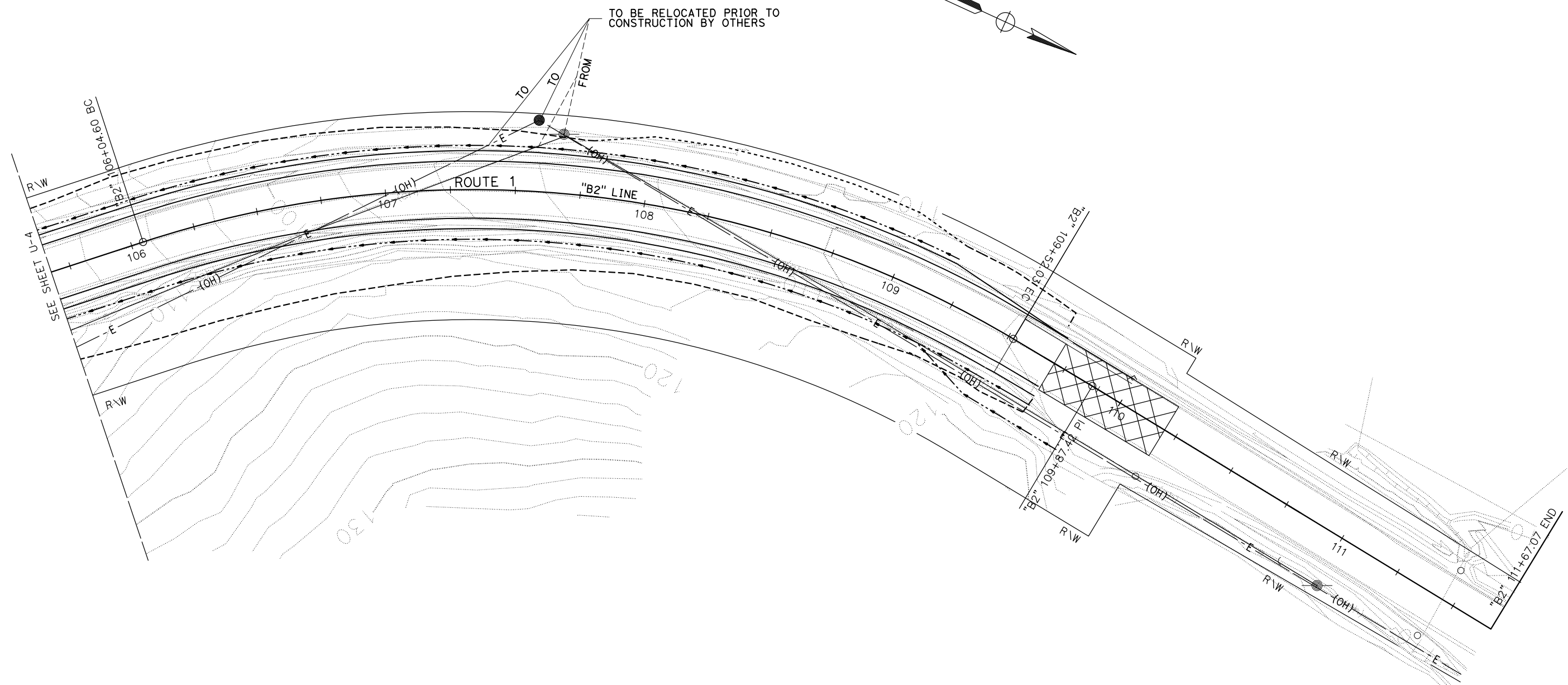
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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NOTE:
 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
 TARIO CHECHI
 CARLOS BURKS
 GARY DUGH
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

UTILITY PLAN
LOCATION 2
 SCALE: 1" = 20'
U-5

DATE PLOTTED => 11-OCT-2023
 TIME PLOTTED => 14:56
 LAST REVISION 08-03-23

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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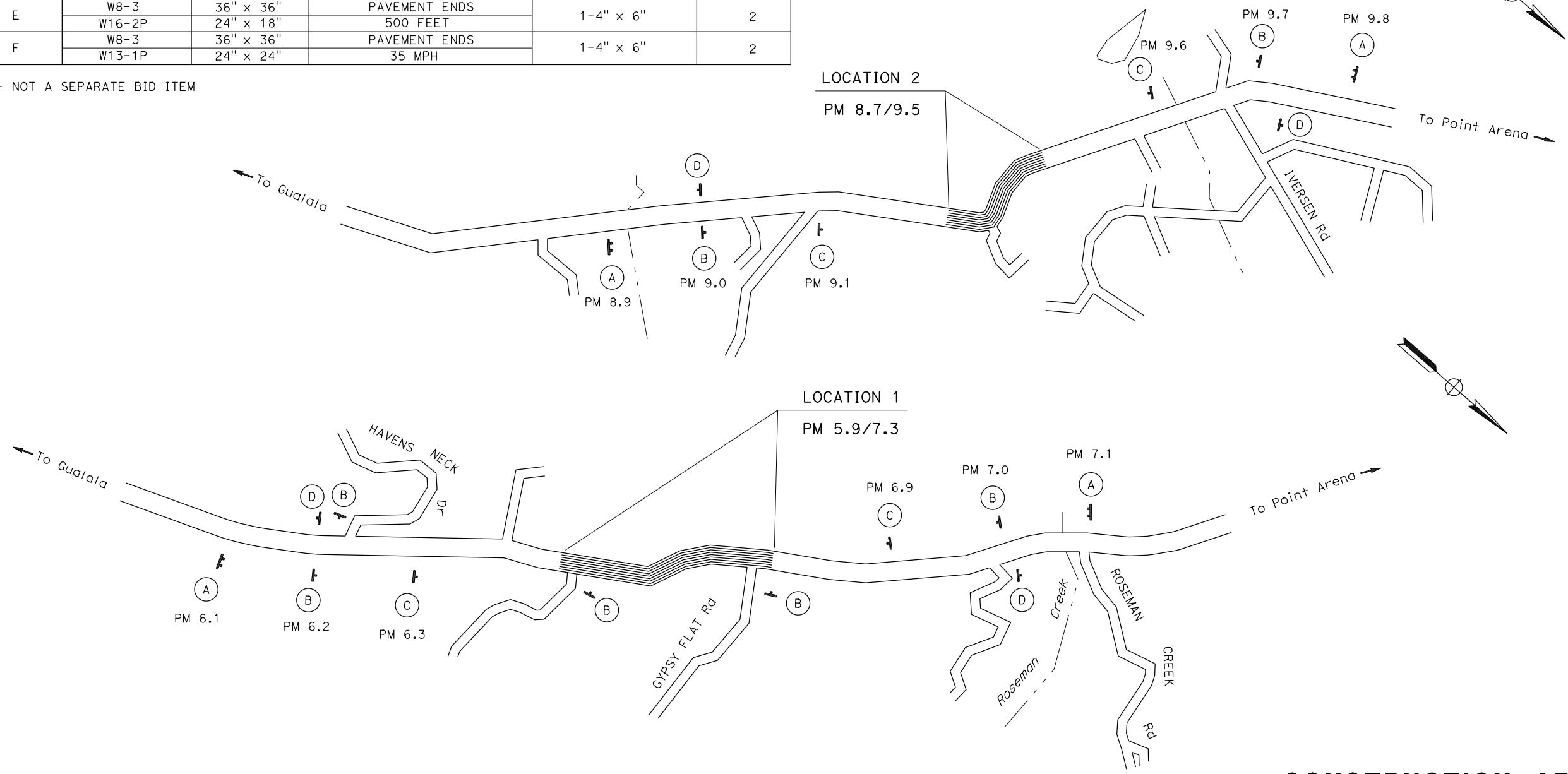
NOTES:

- EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER
- ADDITIONAL CONSTRUCTION AREA SIGNS SHOWN ON STAGE CONSTRUCTION AND TRAFFIC HANDLING SHEETS

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No. (X)	SIGN DESIGNATION	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS (N)
A	C40(CA)	108" x 42"	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	2-6" x 6"	4
B	W20-1	36" x 36"	ROAD WORK AHEAD	1-4" x 6"	7
C	R4-11	30" x 30"	BICYCLES MAY USE FULL LANE	1-4" x 4"	4
D	G20-2	36" x 18"	END ROAD WORK	1-4" x 4"	4
E	W8-3	36" x 36"	PAVEMENT ENDS	1-4" x 6"	2
	W16-2P	24" x 18"	500 FEET		
F	W8-3	36" x 36"	PAVEMENT ENDS	1-4" x 6"	2
	W13-1P	24" x 24"	35 MPH		

(N) - NOT A SEPARATE BID ITEM



APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
NO SCALE **CS-1**

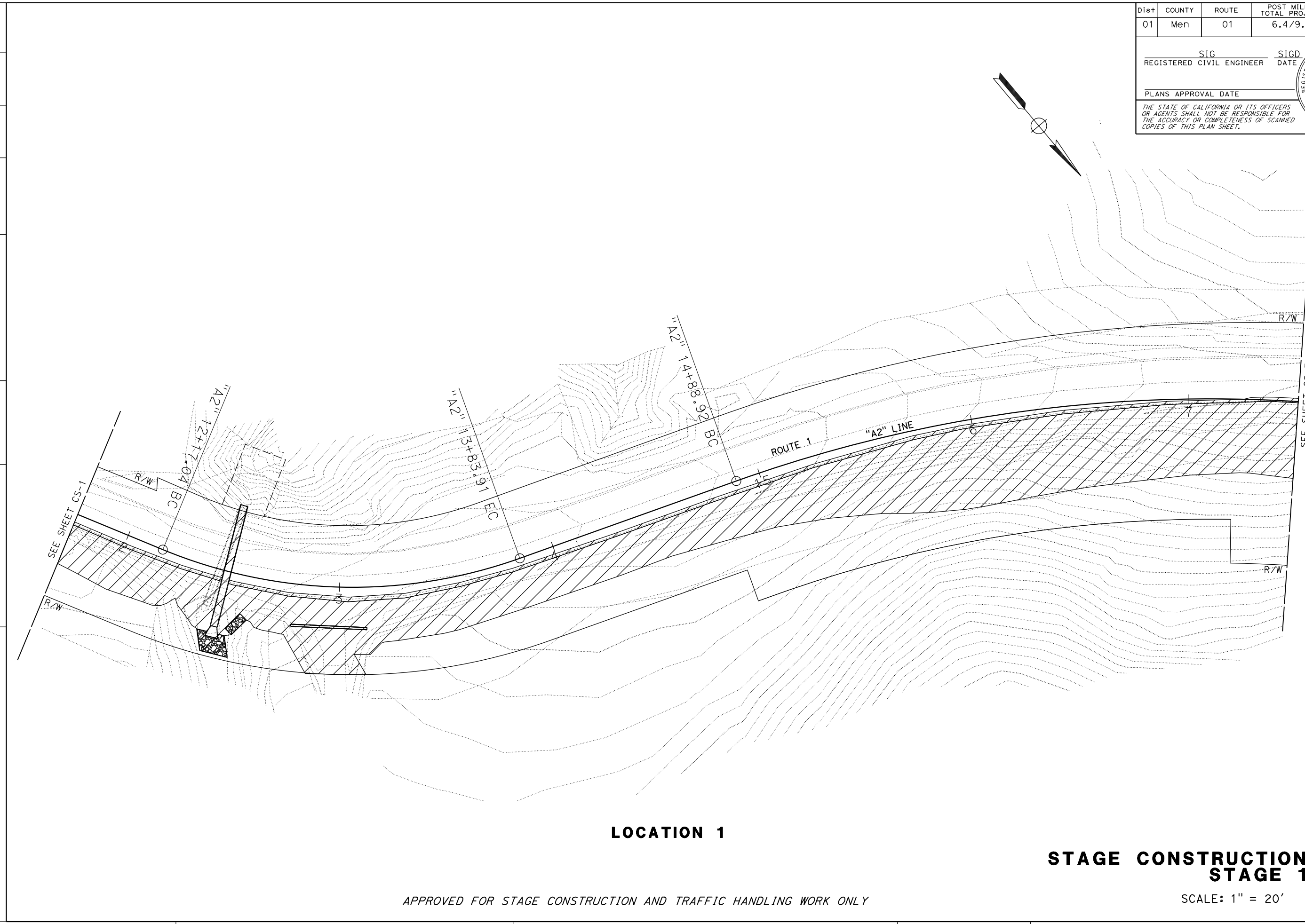
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
 TARIO CHECHI
 CHECKED BY
 GARY DUGHY
 CHOO SOON ONG
 REVISOR BY
 DATE REVISOR

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

03-DESIGN

St. Gobran



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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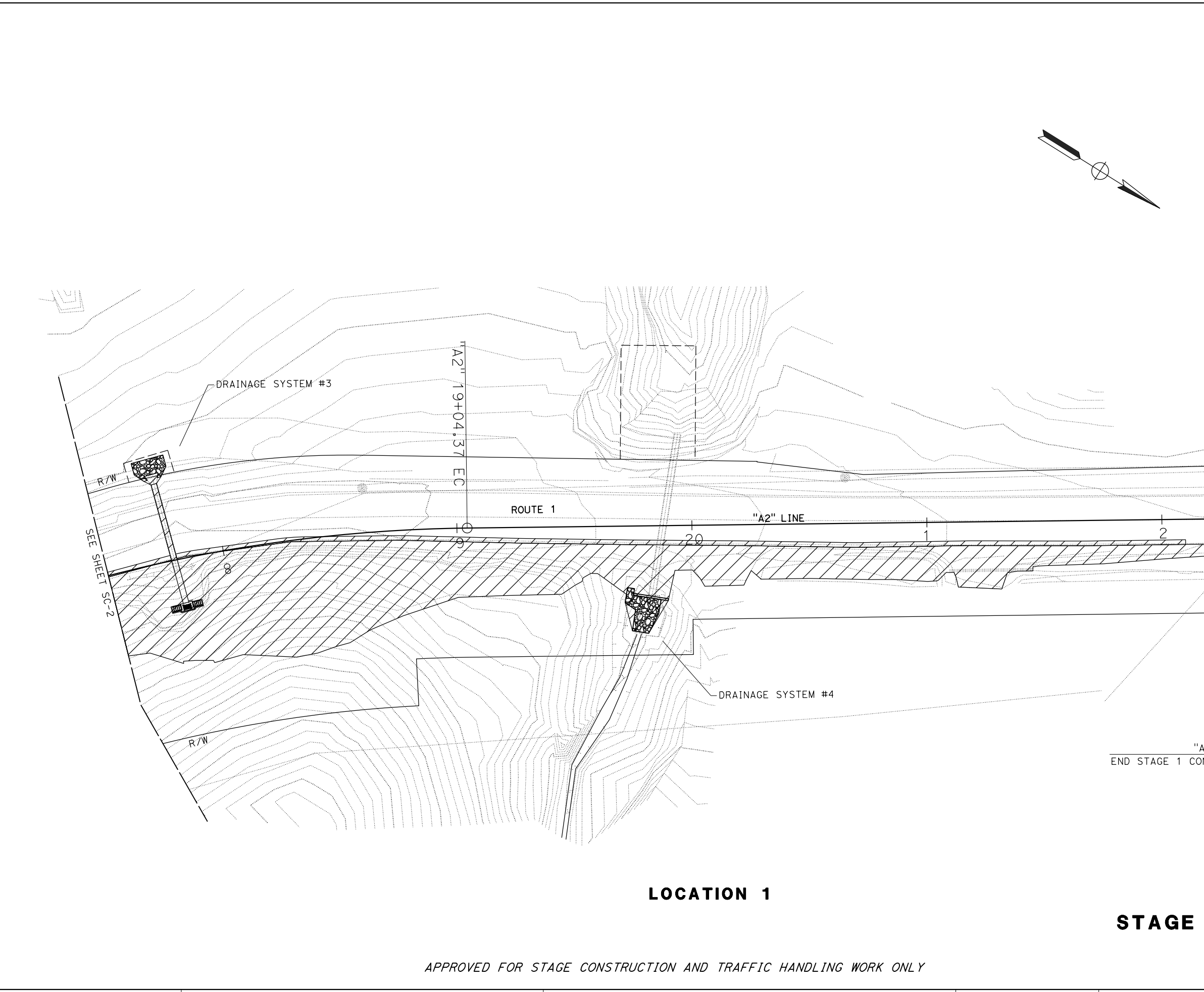
LOCATION 1

**STAGE CONSTRUCTION
STAGE 1**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-2**

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
St. Gobran
 TARIO CHECHI
 FUNCTIONAL SUPERVISOR
 GARY DUGHY
 CHOO SOON ONG
 REVISIONS:



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LOCATION 1

**STAGE CONSTRUCTION
STAGE 1**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-3**

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

03-DESIGN

St. Gobran

TARIO CHECHI
FUNCTIONAL SUPERVISOR

GARY DUGHY
CHOO SOON ONG

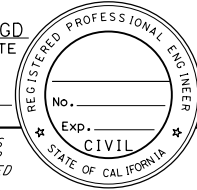
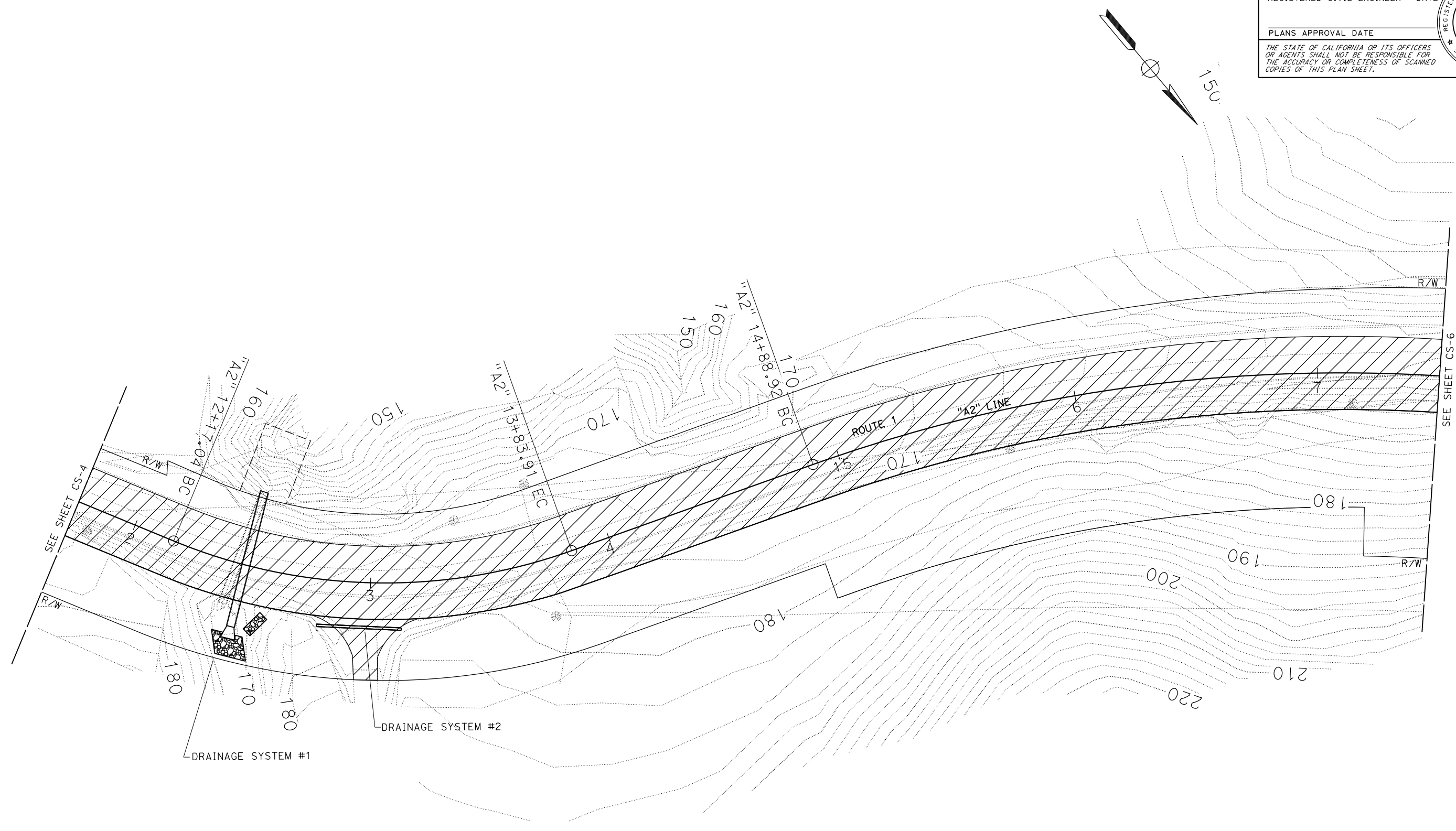
CHECKED BY
DESIGNED BY

REVISOR BY
DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LOCATION 1

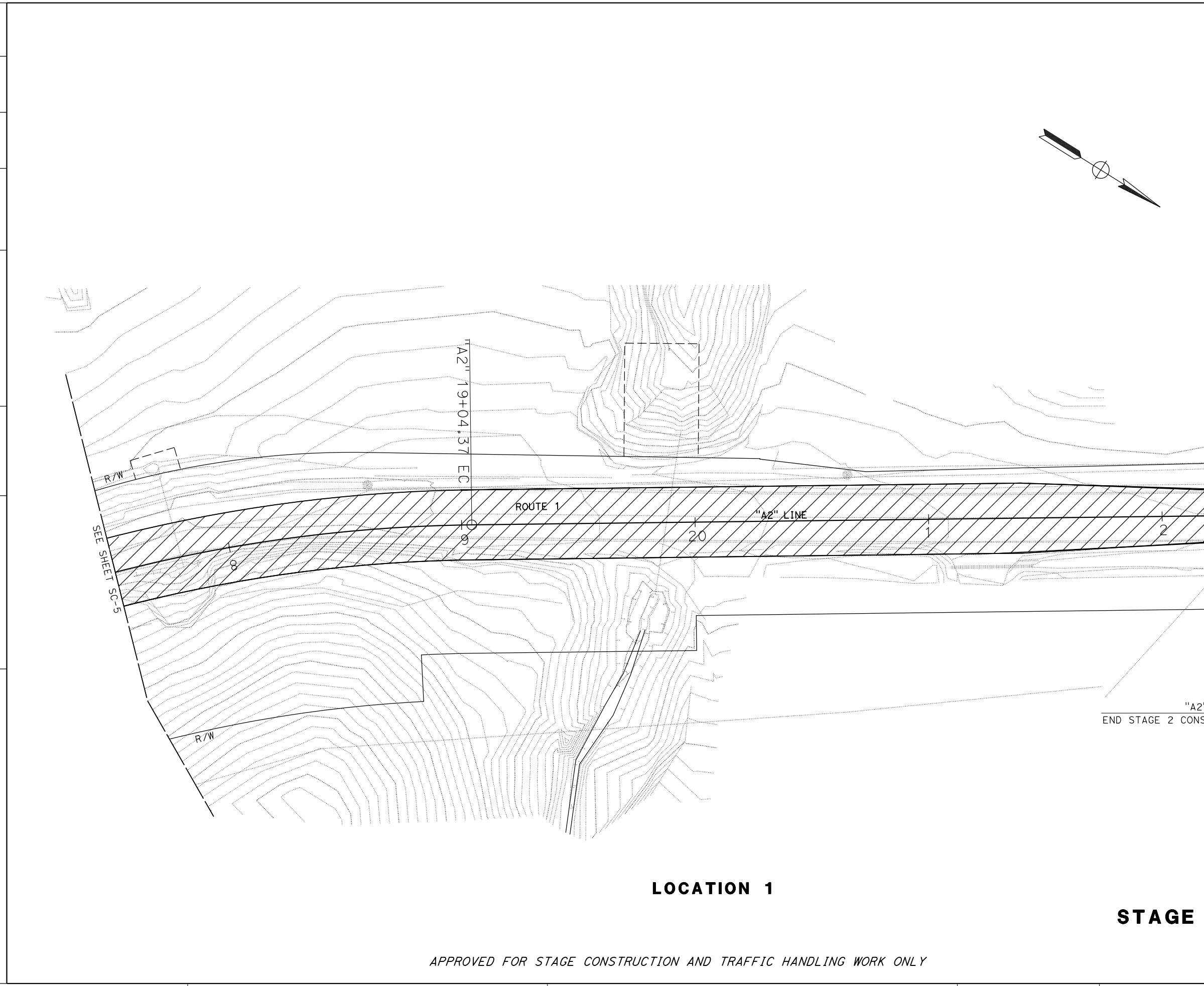
**STAGE CONSTRUCTION
STAGE 2**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-5**

LAST REVISION DATE PLOTTED => 11-OCT-2023 TIME PLOTTED => 14:57

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
Caltrans



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

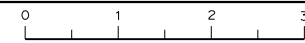


LOCATION 1

**STAGE CONSTRUCTION
STAGE 2**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-6**



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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

03-DESIGN

St. Gobran

TARIO CHECHI
FUNCTIONAL SUPERVISOR

GARY DUGHY
CHOO SOON ONG

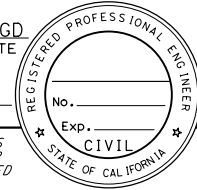
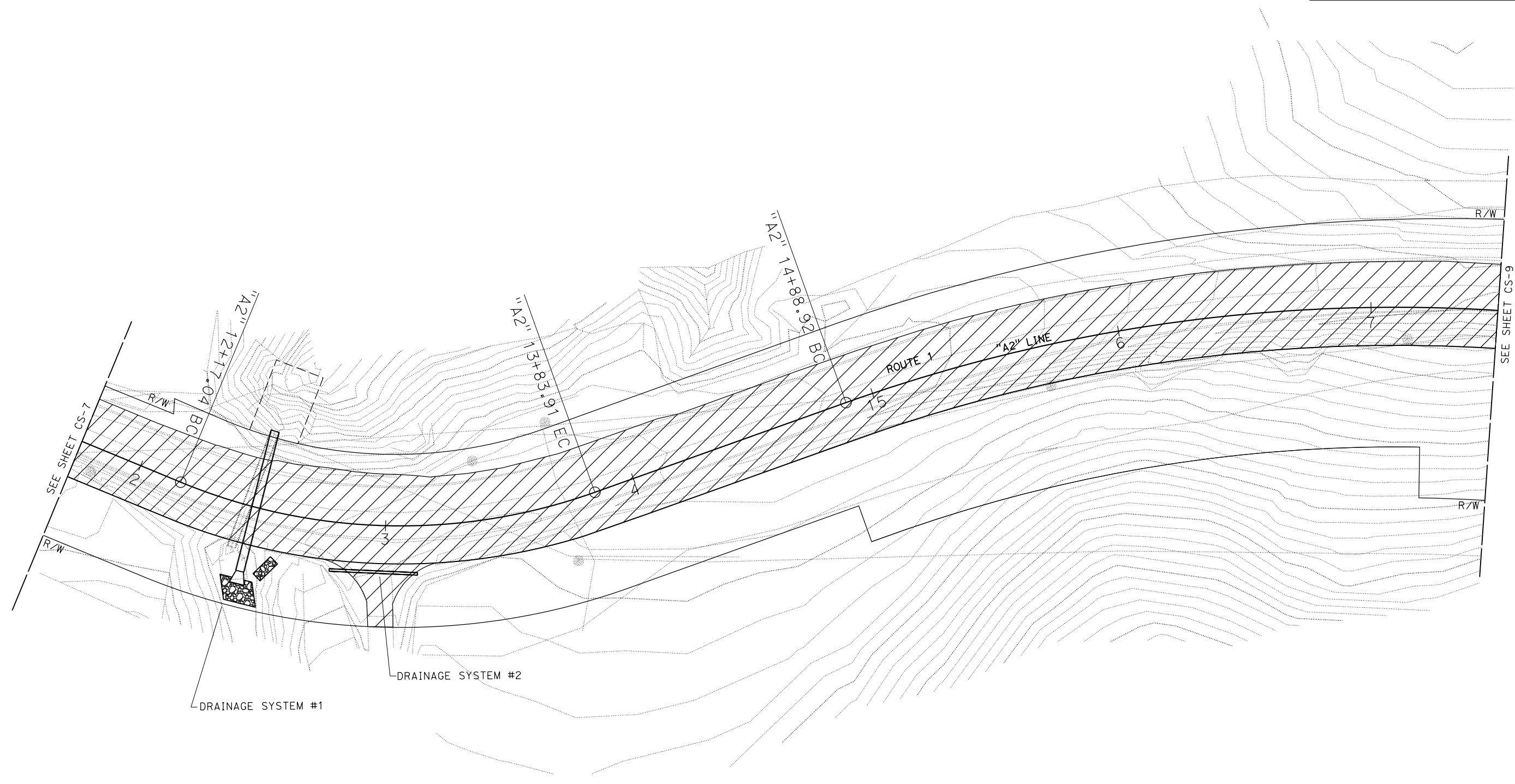
REVISOR BY
DATE

DESIGNED BY
CHECKED BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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LOCATION 1

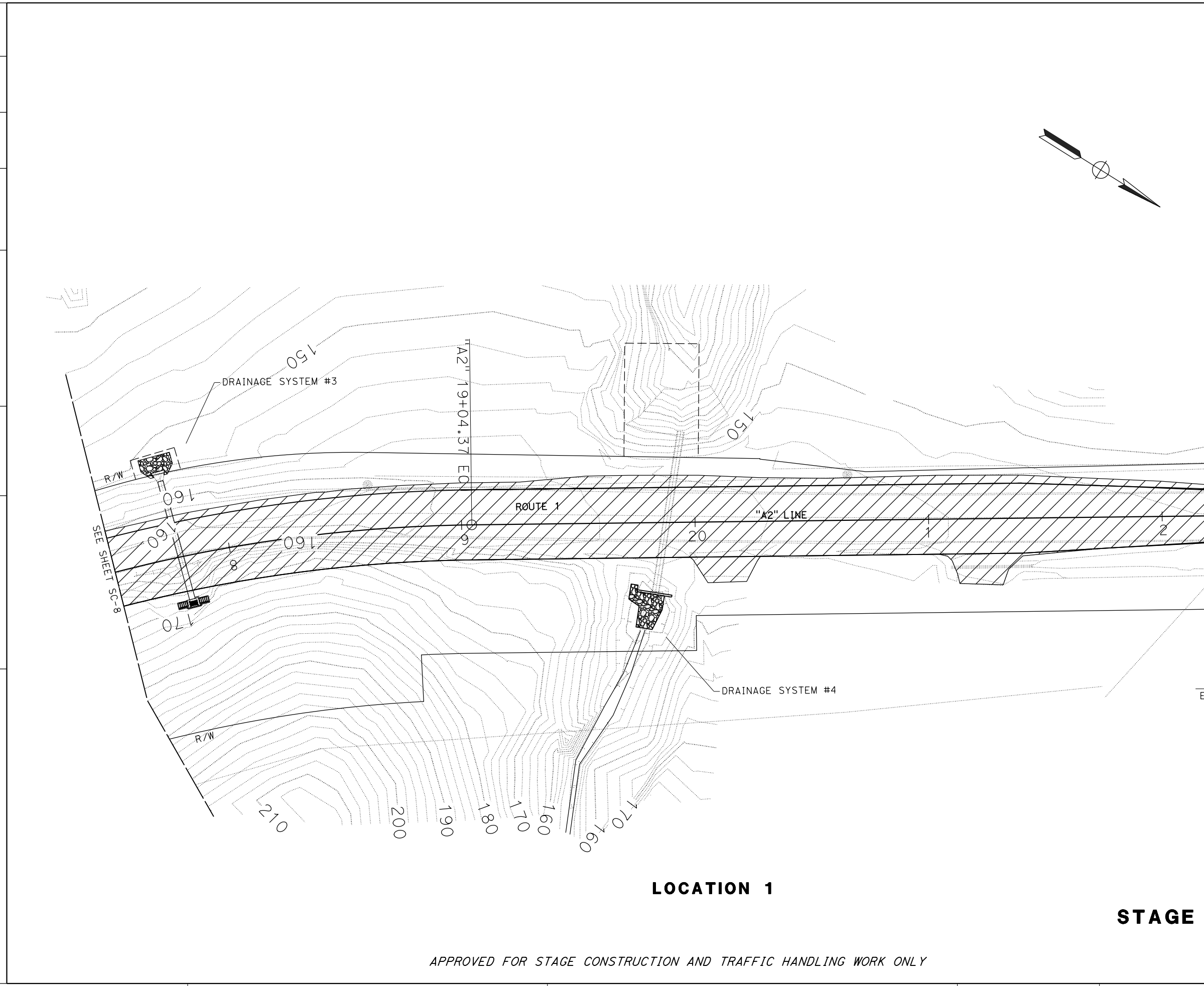
**STAGE CONSTRUCTION
STAGE 3**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-8**

LAST REVISION DATE PLOTTED => 11-OCT-2023 08-10-23 TIME PLOTTED => 14:58

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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LOCATION 1

**STAGE CONSTRUCTION
STAGE 3**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-9**

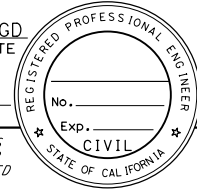
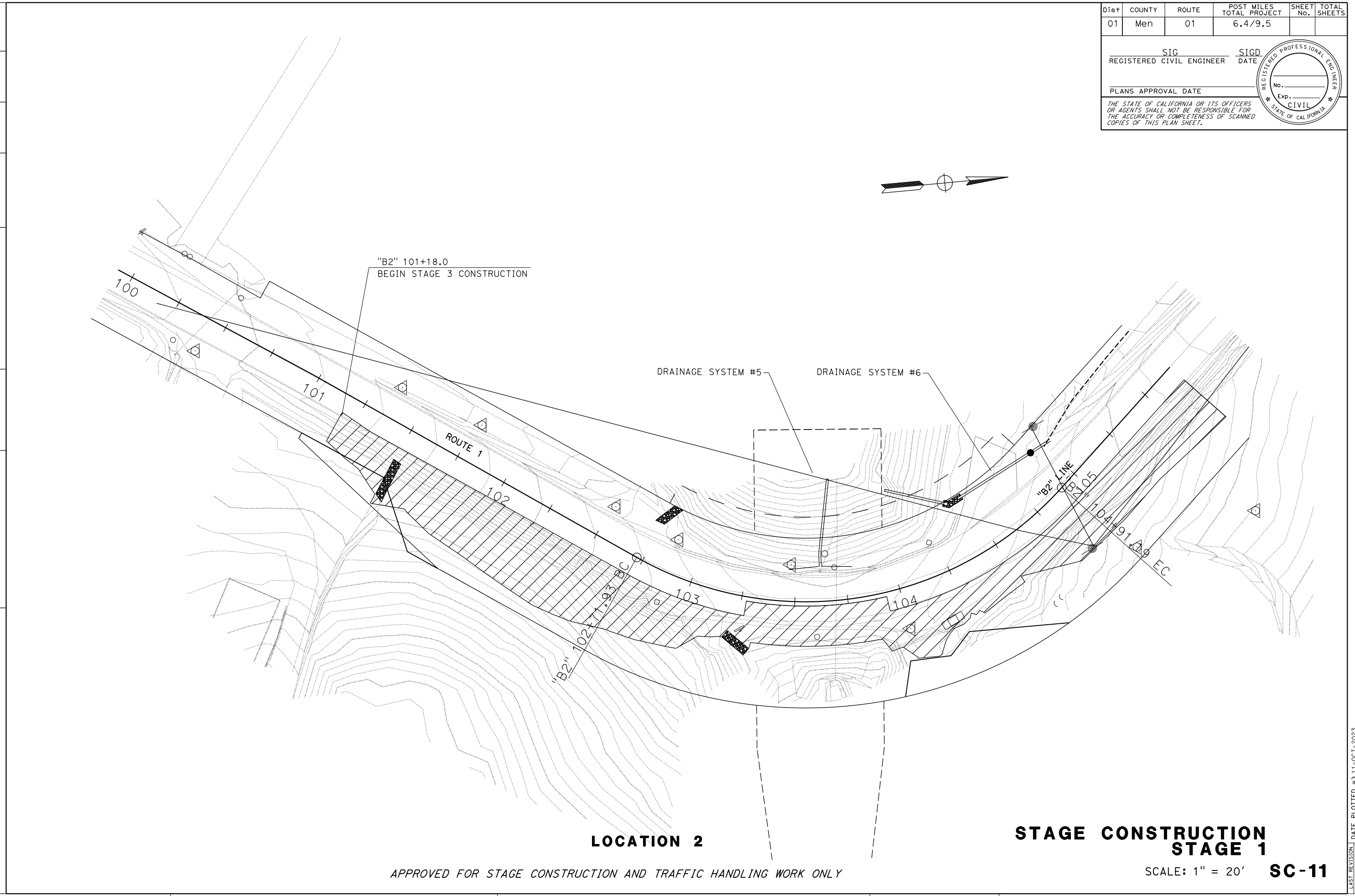
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
03-DESIGN
 TARIO CHECHI
 FUNCTIONAL SUPERVISOR
 CHECKED BY
 GARY DUGHY
 CHOO SOON ONG
 REVISOR BY
 DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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LOCATION 2

**STAGE CONSTRUCTION
 STAGE 1**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-11**

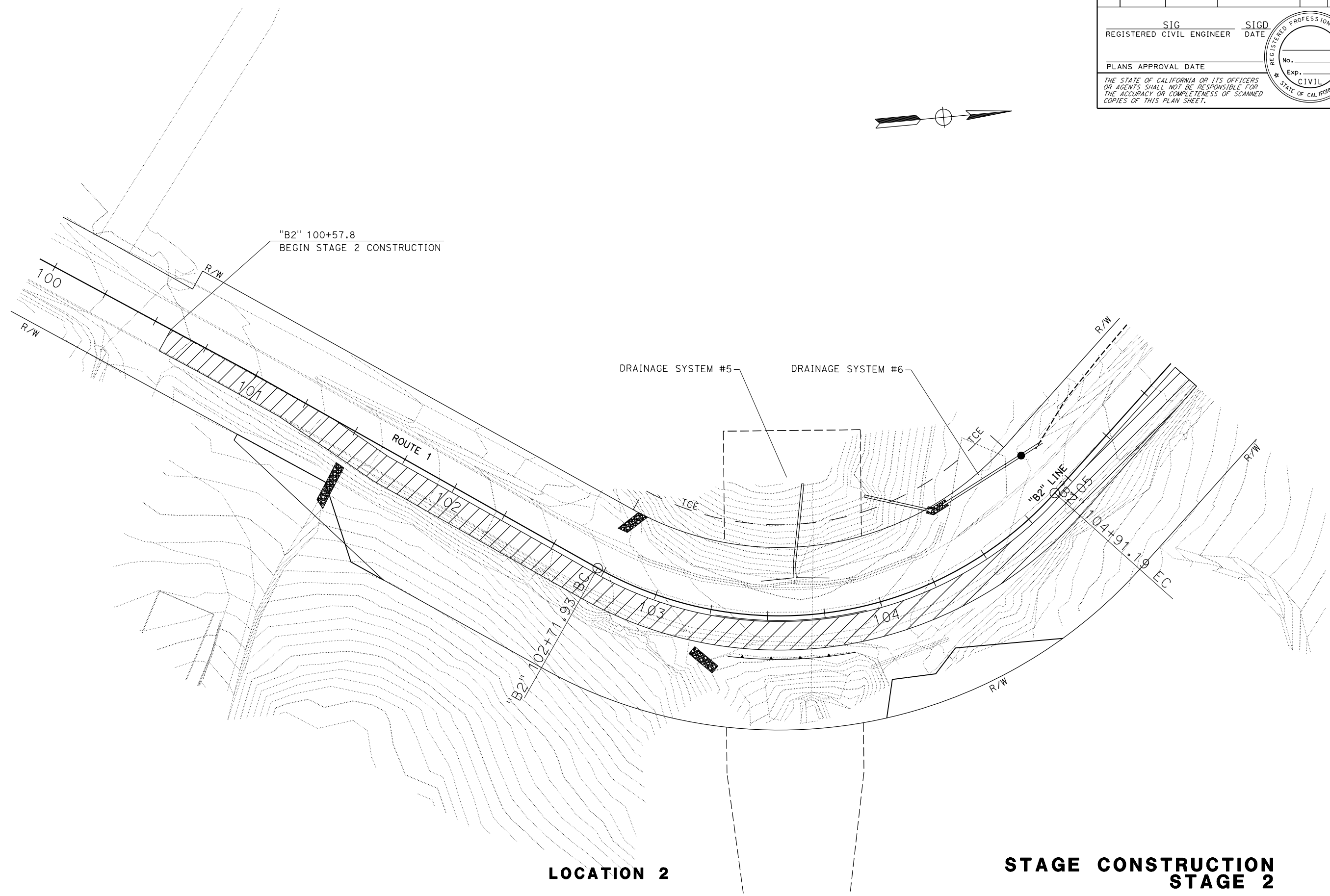
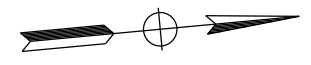
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
03-DESIGN
 TARIO CHECHI
 FUNCTIONAL SUPERVISOR
 CHECKED BY
 GARY DUGH
 CHOO SOON ONG
 REVISOR BY
 DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG REGISTERED CIVIL ENGINEER
 SIGD DATE
 PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
 No. _____
 Exp. _____
 CIVIL
 STATE OF CALIFORNIA



LOCATION 2

**STAGE CONSTRUCTION
 STAGE 2**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-12**

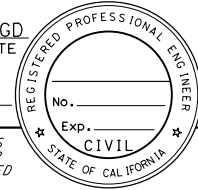
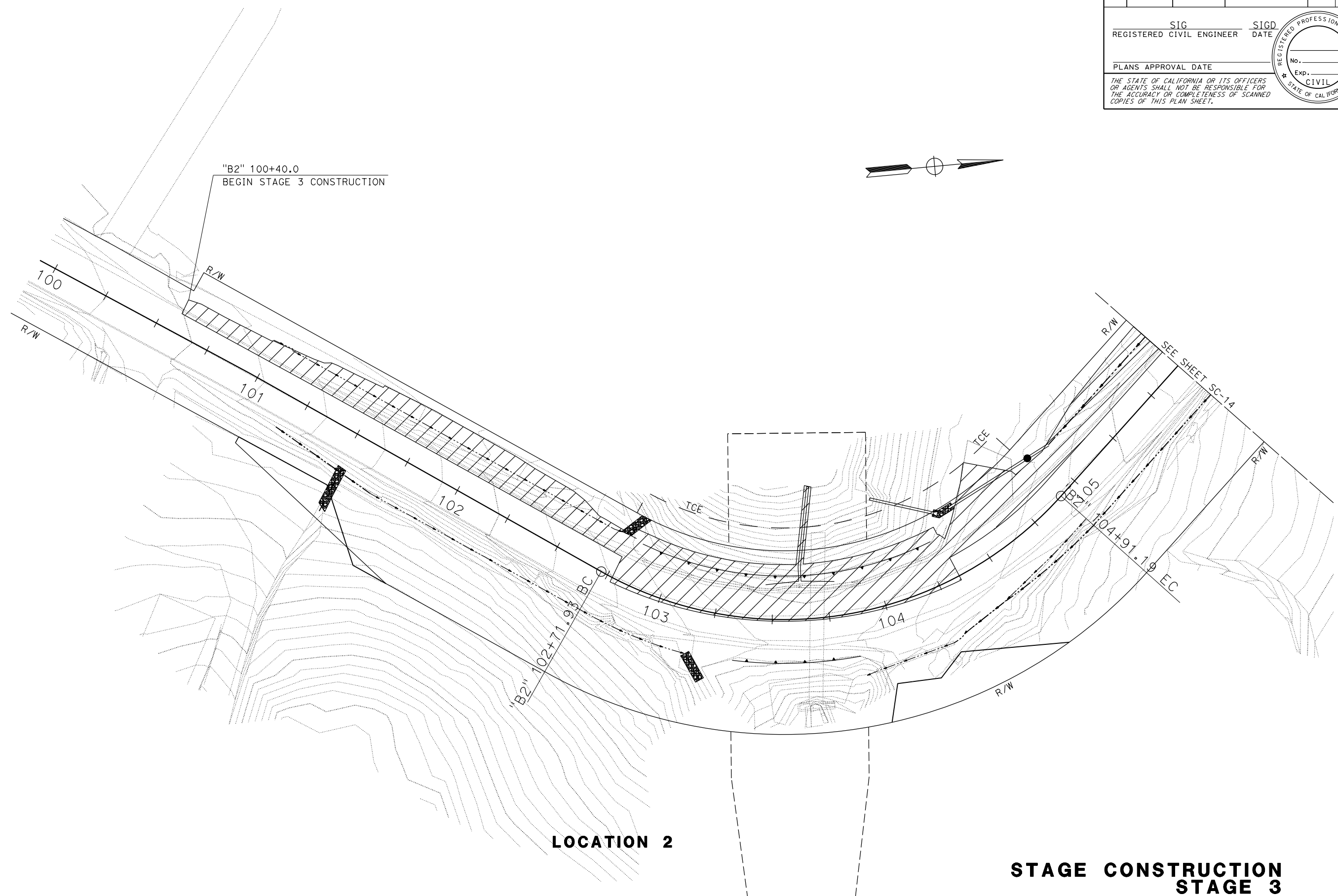
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 TIME PLOTTED => 14:58
 LAST REVISION 08-10-23

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobran
03-DESIGN
 TARIO CHECHI
 TARIO CHECHI
 GARY DUGH
 TARIO CHECHI
 REVISOR BY
 DATE REVISOR
 CHECKED BY
 DESIGNED BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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LOCATION 2

STAGE CONSTRUCTION
STAGE 3
 SCALE: 1" = 20' **SC-13**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

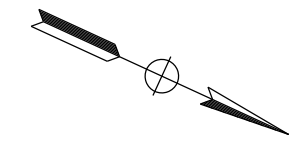
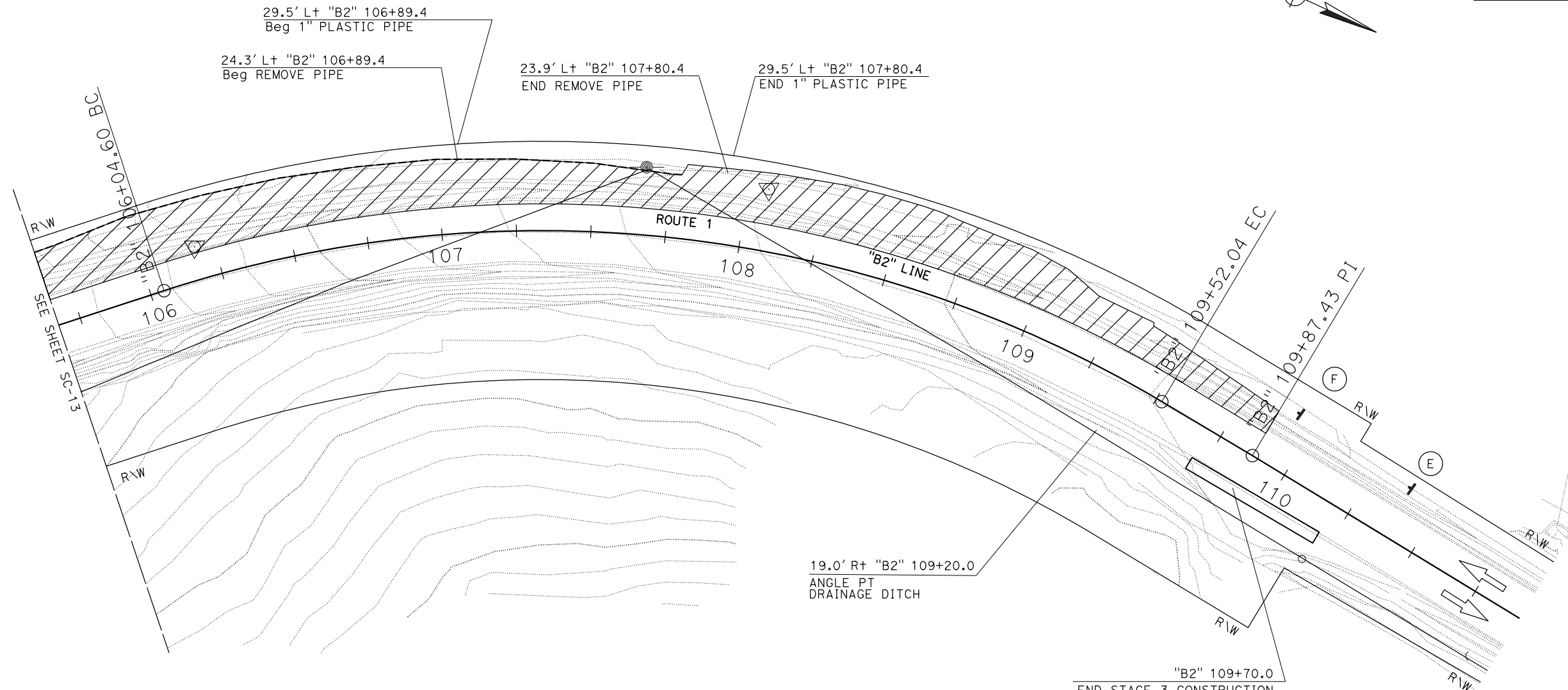
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
 03-DESIGN
 TARIQ CHECHI
 FUNCTIONAL SUPERVISOR
 CHECKED BY
 GARY DUGHY
 CHOO SOON ONG
 REVISOR BY
 DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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LOCATION 2

**STAGE CONSTRUCTION
STAGE 3**

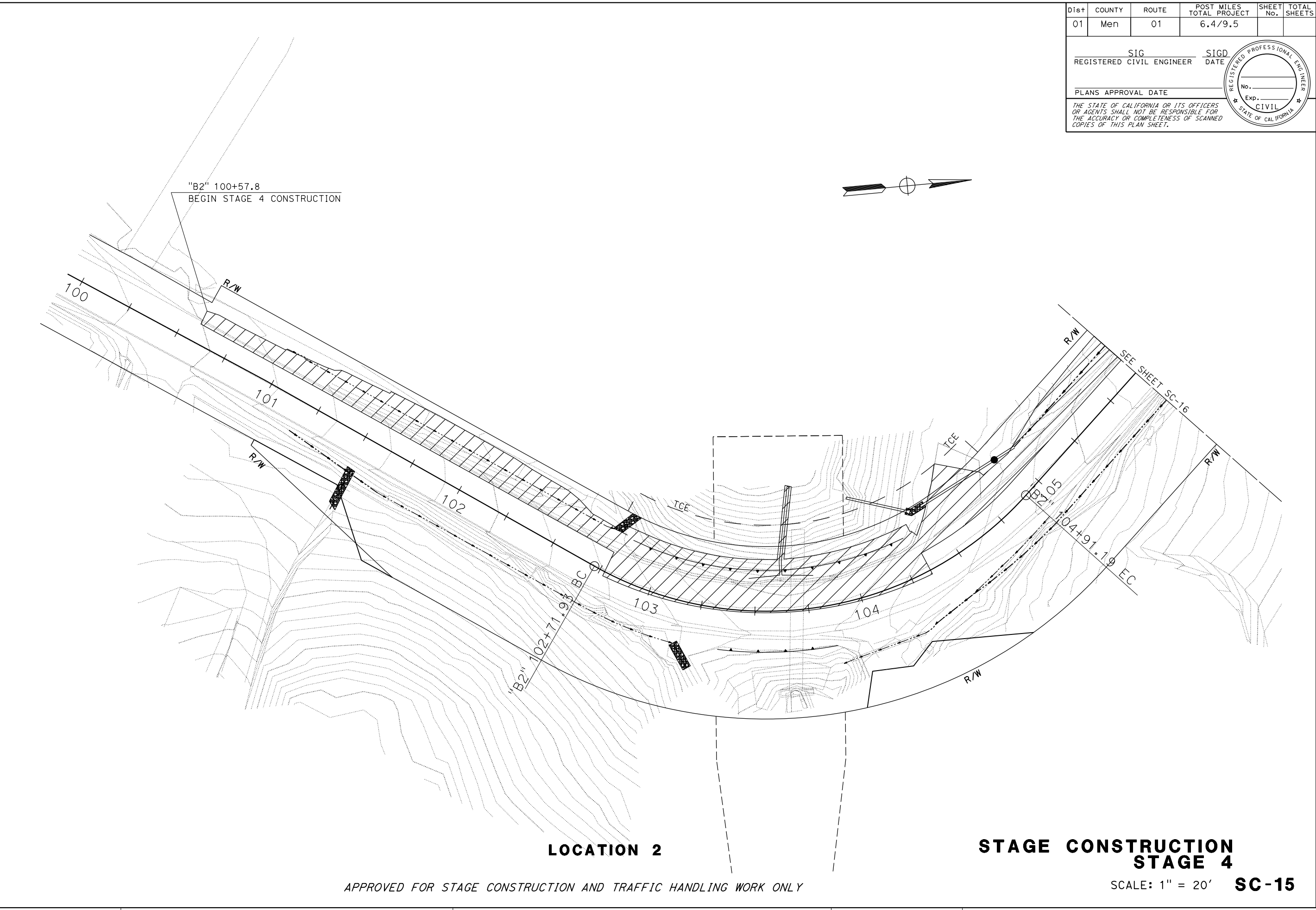
APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-14**

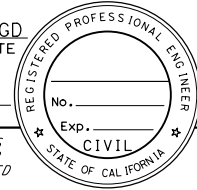
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
03-DESIGN

DESIGNED BY	GARY DUGHY
CHECKED BY	TARIO CHECHI
DESIGNED BY	TARIO CHECHI
CHECKED BY	TARIO CHECHI
REVISIONS	
REVISED BY	GARY DUGHY
DATE	
REVISED BY	TARIO CHECHI
DATE	



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		
REGISTERED CIVIL ENGINEER			REGISTERED CIVIL ENGINEER		
SIG			SIGD		
DATE			DATE		
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					

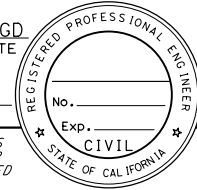
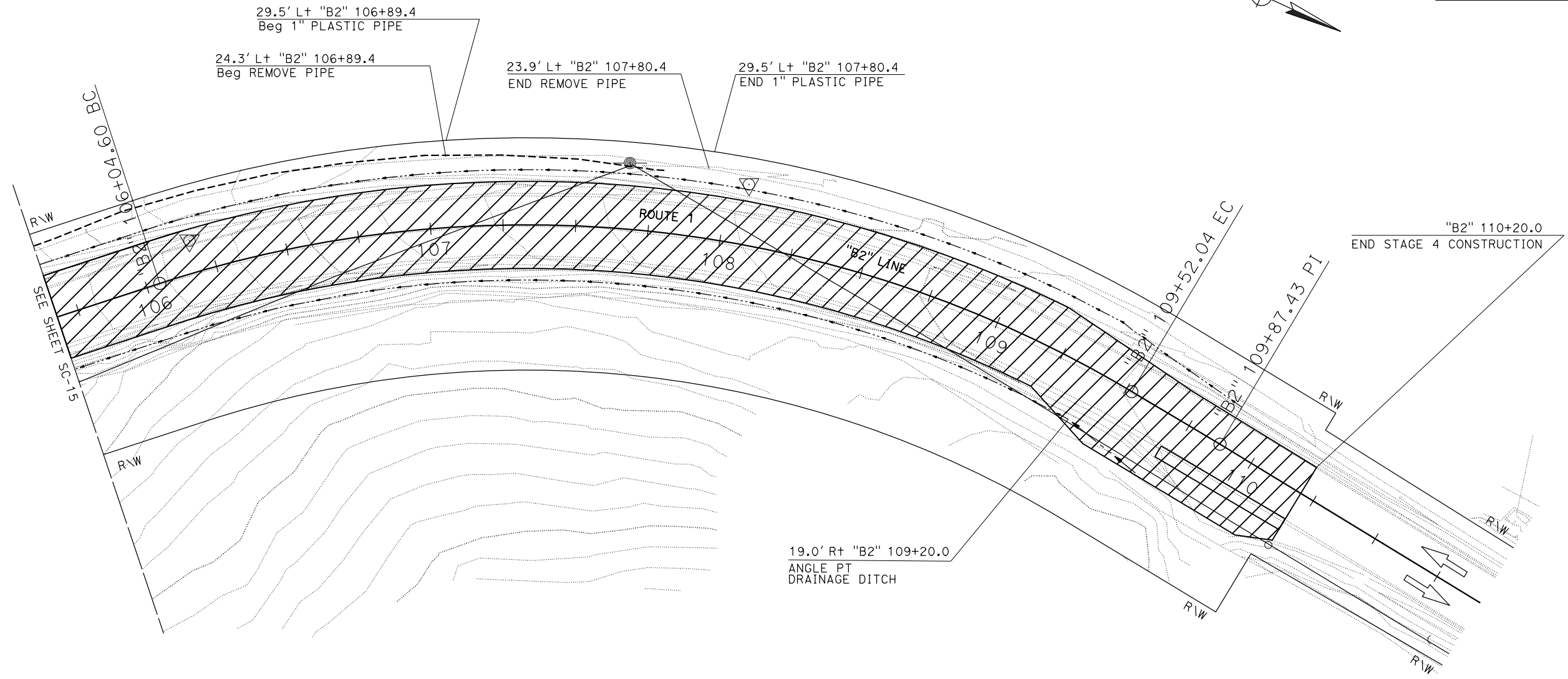
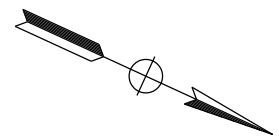


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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
03-DESIGN
 TARIQ CHECHI
 CHECKED BY
 GARY DUGHY
 CHOO SOON ONG
 REVISOR BY
 DATE REVISOR
 DATE REVISOR

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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LOCATION 2

**STAGE CONSTRUCTION
STAGE 4**

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

SCALE: 1" = 20' **SC-16**

LAST REVISION DATE PLOTTED => 11-OCT-2023 TIME PLOTTED => 14:59
 09-21-23

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
03-DESIGN
 TARIO CHECHI
 TARIO CHECHI
 GARY DUGH
 TARIO CHECHI
 REVISIONS
 REVISION NO. DATE BY
 1 08/10/23 GARY DUGH

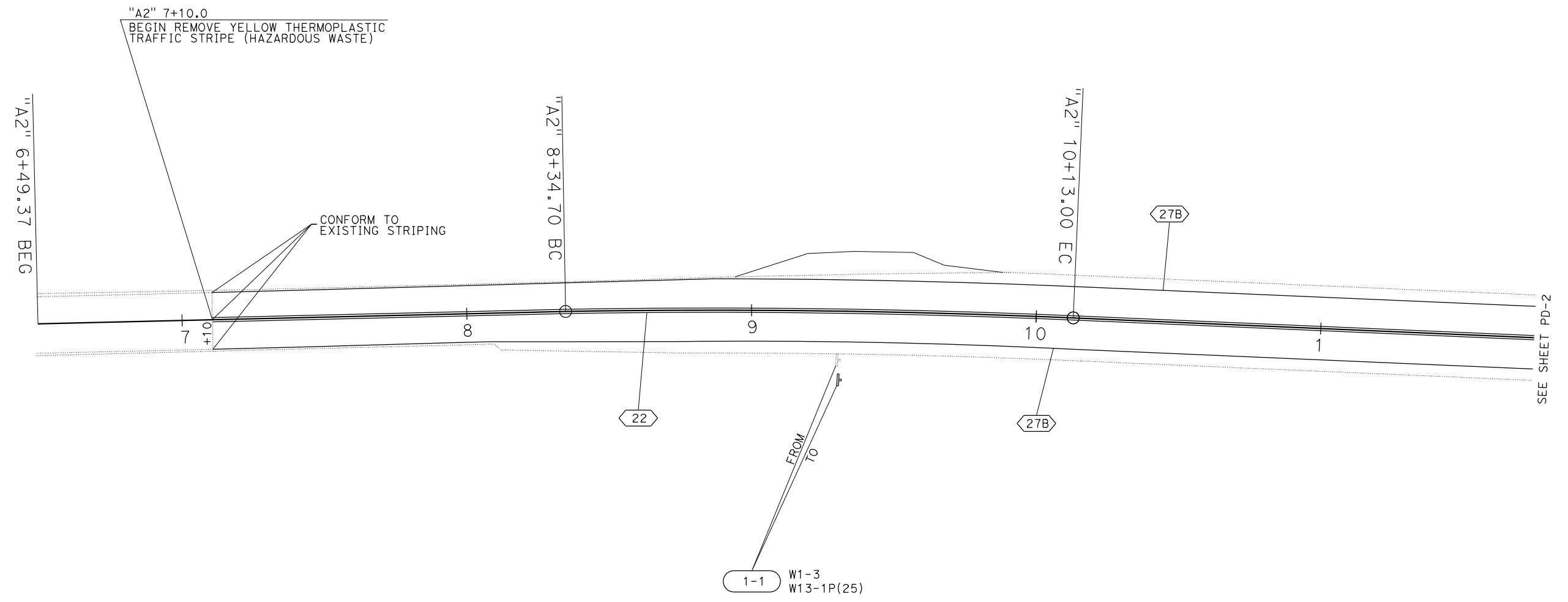
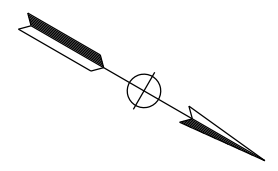
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

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LEGEND

- (Sh+No.) ROADSIDE SIGN SHEET AND NUMBER
- RELOCATE ROADSIDE SIGN



APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

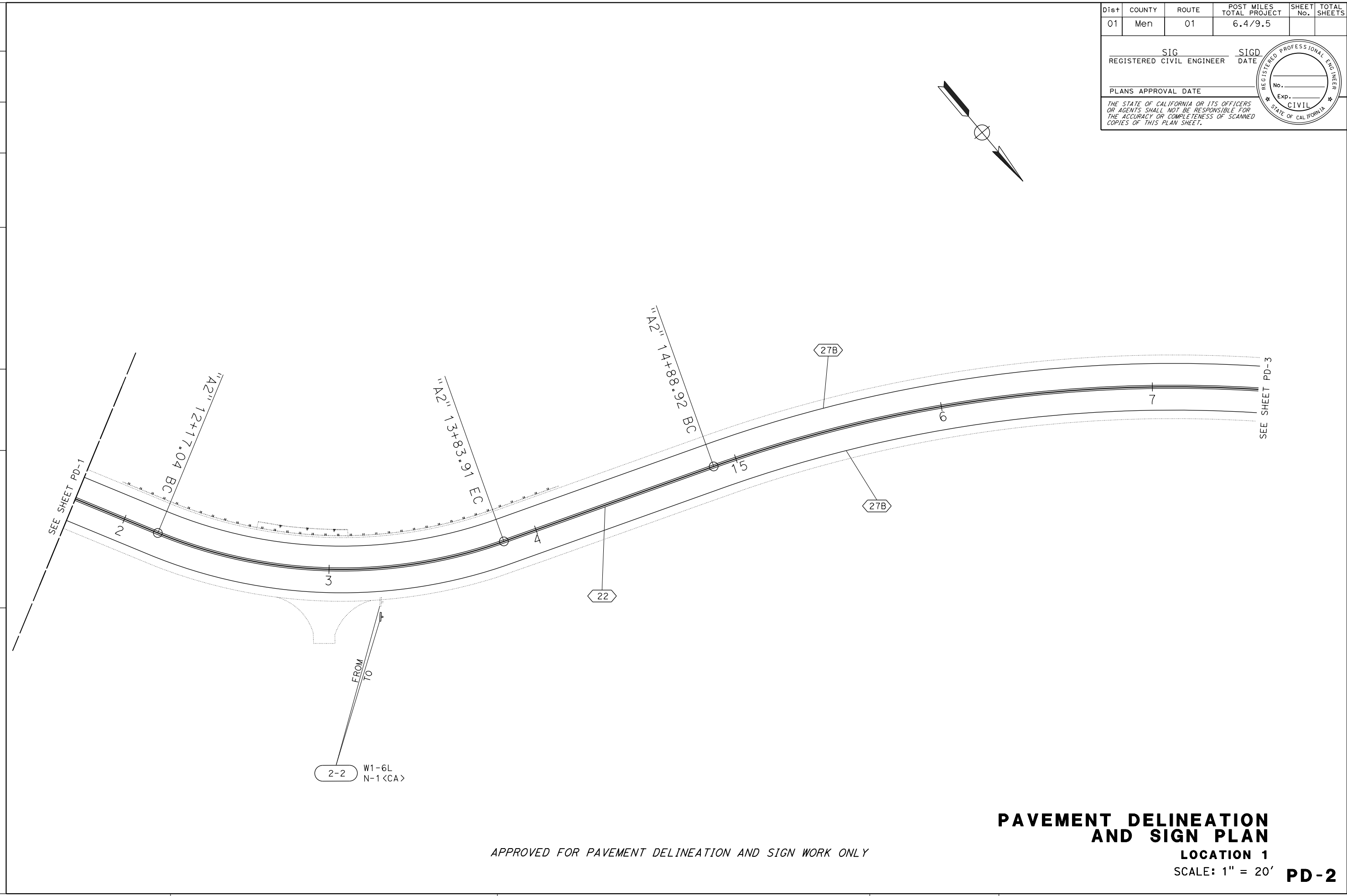
PAVEMENT DELINEATION AND SIGN PLAN

LOCATION 1

SCALE: 1" = 20'

PD-1

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans 03-DESIGN
 TARIO CHECHI
 TARIO CHECHI
 GARY DUGH
 TARIO CHECHI
 REVISIONS:
 REVISION NO. DATE BY



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG
 REGISTERED CIVIL ENGINEER
 SIGD
 DATE
 PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
 No. _____
 Exp. _____
 CIVIL
 STATE OF CALIFORNIA

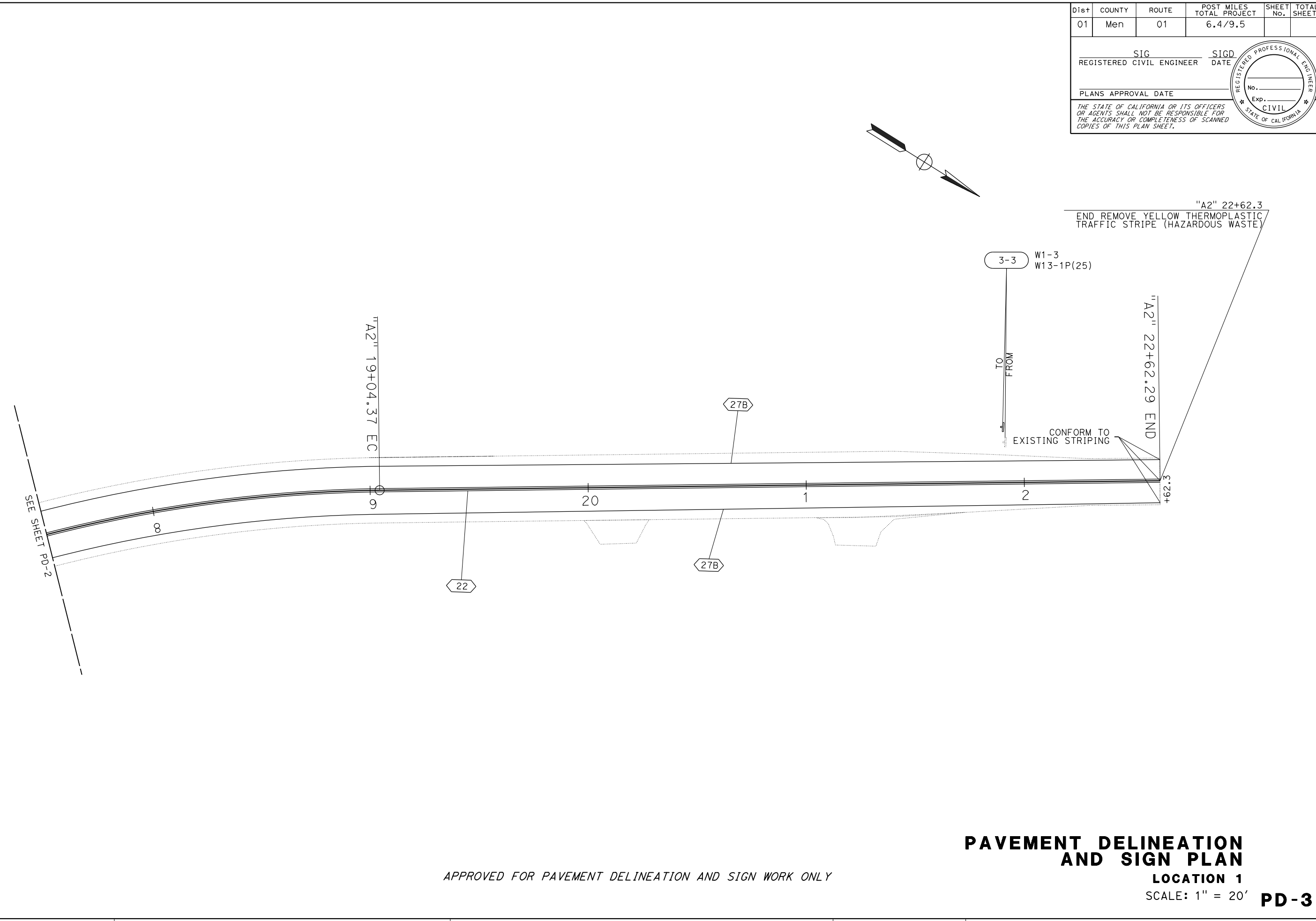
APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

PAVEMENT DELINEATION AND SIGN PLAN
 LOCATION 1
 SCALE: 1" = 20'
PD-2

DATE PLOTTED => 11-OCT-2023
 TIME PLOTTED => 15:00
 LAST REVISION 08-10-23

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
03-DESIGN

DESIGNED BY	CHECKED BY	FUNCTIONAL SUPERVISOR
GARY DUGHY	TARIO CHECHI	TARIO CHECHI
REVISOR	DATE	REVISION



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG
 REGISTERED CIVIL ENGINEER
 DATE _____

PLANS APPROVAL DATE _____

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REGISTERED PROFESSIONAL ENGINEER
 No. _____
 Exp. _____
 CIVIL
 STATE OF CALIFORNIA

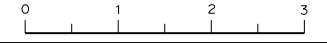
APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

PAVEMENT DELINEATION AND SIGN PLAN
LOCATION 1
 SCALE: 1" = 20' **PD-3**

BORDER LAST REVISED 8/5/2020

USERNAME => s125083
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RELATIVE BORDER SCALE IS IN INCHES



UNIT 0323

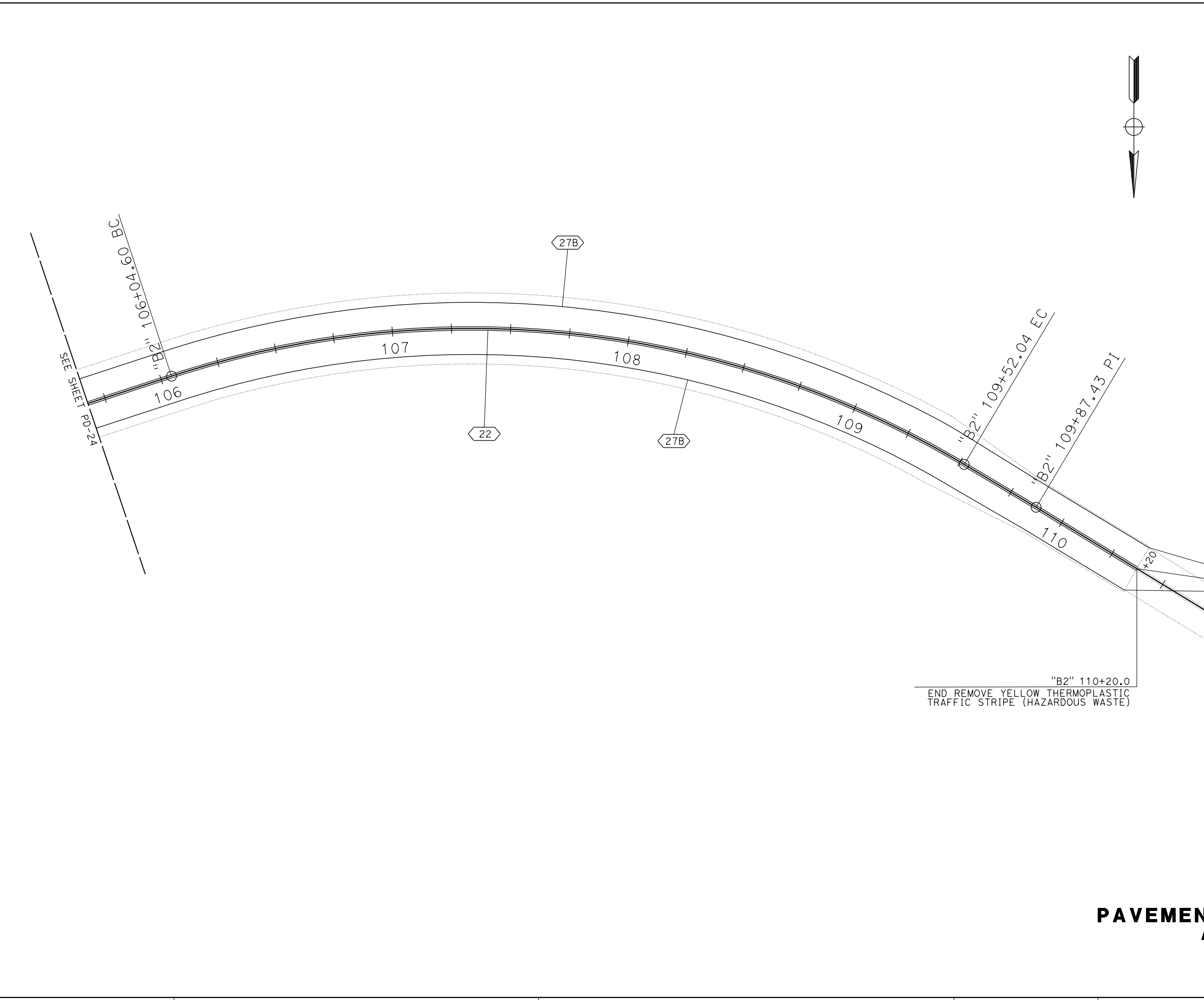
PROJECT NUMBER & PHASE

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LAST REVISION 08-10-23
 DATE PLOTTED => 11-OCT-2023
 TIME PLOTTED => 15:00

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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans
03-DESIGN

FUNCTIONAL SUPERVISOR: TARIO CHECHI
 CHECKED BY: TARIO CHECHI
 DESIGNED BY: GARY DUGHY
 REVISOR: TARIO CHECHI



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG	SIGD
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PAVEMENT DELINEATION AND SIGN PLAN
LOCATION 2
 SCALE: 1" = 20' **PD-5**

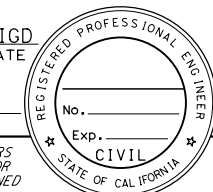
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 TIME PLOTTED => 15:01

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

_____ SIG _____ SIGD
 REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE _____

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)

LOCATION STATION	DETAIL NUMBER	LINEAR FEET
"A2" 7+10.0 TO 22+62.3	22	1552
"B2" 99+90.0 TO 110+20.0	22	1030
TOTAL		2582

6" THERMOPLASTIC TRAFFIC STRIPE (EWNV)

LOCATION STATION	DETAIL NUMBER	LINEAR FEET
"A2" 7+10.0 TO 22+62.3	22	1552
"B2" 99+90.0 TO 110+20.0	22	1030
"A2" 7+10.0 TO 22+62.3	27B	3103
"B2" 99+90.0 TO 110+20.0	27B	2066
TOTAL		7751

PAVEMENT MARKER (RETROREFLECTIVE)

LOCATION STATION	TYPE D TWO-WAY YELLOW	
	EA	
"A2" 7+10.0 TO 22+62.3	132	
"B2" 99+90.0 TO 110+20.0	88	
TOTAL		220

PAVEMENT DELINEATION QUANTITIES

NO SCALE

NC-1

x

x

x

x

x

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

03-DESIGN

FUNCTIONAL SUPERVISOR: TARIO CHECHI

CHECKED BY: TARIO CHECHI

DESIGNED BY: PANG JAI THAO

REVISOR: TARIO CHECHI

REVISIONS: PANG JAI THAO, TARIO CHECHI

DATE REVISED: PANG JAI THAO, TARIO CHECHI

EXISTING PAVEMENT

SHEET No.	AREA No.	STATION	COLD PLANE AC PAVEMENT		REMOVE AC PAVEMENT	HMA ** (TYPE A)
			0.10'	0.15'		
			SQYD	SQYD	SQFT	TON
C-12	1	"A2" 7+10.0 TO "A2" 7+60.0		117.0		12.2
C-12	2	"A2" 7+95.0 TO "A2" 10+50.0			470.0	
C-12	3	Driveway DWYL3	52.0			3.6
C-12	4	"A2" 7+60.0 TO "A2" 10+50.0	635.0			44.3
C-12	5	"A2" 19+90.0 TO "A2" 10+50.0			49.0	
C-12	6	"A2" 10+50.0 TO "A2" 12+76.8			217.0	
C-12	7	"A2" 10+50.0 TO "A2" 15+50.0	1036.0			72.3
C-12	8	"A2" 10+50.0 TO "A2" 15+50.0			802.0	
C-12	9	Driveway DWYL1	41.0			2.9
C-12	10	"A2" 12+79.4 TO "A2" 15+50.0			182.0	
C-13	11	"A2" 15+50.0 TO "A2" 19+50.0			729.0	
C-13	12	"A2" 15+50.0 TO "A2" 19+50.0	736.0			51.3
C-13	13	"A2" 15+50.0 TO "A2" 19+50.0			1462.0	
C-13	14	"A2" 19+54.0 TO "A2" 22+10.0			569.0	
C-13	15	Driveway DWYL4	28.0			2.0
C-13	16	"A2" 19+50.0 TO "A2" 22+10.0	500.0			34.9
C-13	17	"A2" 19+50.0 TO "A2" 22+10.0			520.0	
C-13	18	Driveway DWYL5	37.0			2.6
C-13	19	"A2" 22+10.0 TO "A2" 22+62.2		124.0		13.0
C-14	20	"B2" 100+07.8 TO "B2" 100+57.8		115.0		12.0
C-14	21	Driveway	18.0			1.3
C-14	22	"B2" 100+57.8 TO "B2" 102+50.0	409.0			28.5
C-14	23	"B2" 100+57.8 TO "B2" 102+50.0			297.0	
C-14	24	"B2" 101+17.5 TO "B2" 102+50.0			129.0	
C-14	25	"B2" 102+50.0 TO "B2" 103+32.2	116.0			8.1
C-14	26	"B2" 103+32.2 TO "B2" 103+92.5			727.0	
C-14	27	"DWYR2 L2"	43.0			3.0
C-14	28	"B2" 102+50.0 TO "B2" 104+34.6			1986.0	
C-14	29	"DWYL1 L2"	61.0			4.3
C-14	30	"B2" 103+92.5 TO "B2" 107+50.0	675.0			47.1
C-14	31	"B2" 103+92.5 TO "B2" 107+50.0			827.0	
C-15	32	"B2" 107+50.0 TO "B2" 109+14.0			228.0	
C-15	33	"B2" 107+50.0 TO "B2" 109+70.0	441.0			30.8
C-15	34	"B2" 107+50.0 TO "B2" 109+70.0			787.0	
C-15	35	"B2" 109+26.1 TO "B2" 109+70.0			39.0	
C-15	36	"B2" 109+70.0 TO "B2" 110+20.0		122.0		12.8
		FROM GEOSYNTHETIC PAVEMENT INTERLAYER TABLE		1858.6		
		SUBTOTAL	4828.5	2336.6		
		TOTAL	7165.1		10019.8	386.8

** - FOR INFORMATION ONLY. SEE ROADWAY QUANTITIES SUMMARY TABLE ON THIS SHEET FOR TOTAL Qty.

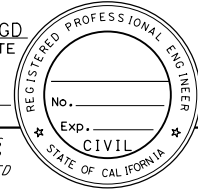
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG REGISTERED CIVIL ENGINEER

SIGD DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



MIDWEST GUARDRAIL SYSTEM (STEEL POST)

SHEET No.	STATION	L+ / R+	REMOVE GUARDRAIL	MGS (8' STEEL POST)	ALTERNATIVE IN-LINE TERMINAL SYSTEM	ALTERNATIVE FLARED TERMINAL SYSTEM	(N) BURIED END TERMINAL SYSTEM	DELINEATOR (CLASS 1)
			LF	LF	EA	EA	EA	EA
L-2	"A2" 12+17.0 TO "A2" 13+92.0	L+		175.0	2			8
L-4	"B2" 102+49.6 TO "B2" 104+24.8	L+		175.0	1	1		8
L-4	"B2" 102+92.0 TO "B2" 103+84.5	R+		100.0		1	1	7
L-4	"B2" 102+97.2 TO "B2" 103+93.0	R+	96.0					
		TOTAL	96.0	450.0	3.0	2.0	1.0	23

FENCE

SHEET No.	STATION	L+ / R+	REMOVE FENCE	WOOD FENCE	RELOCATE FENCE
			LF	LF	LF
L-3	"A2" 21+40.5 TO "A2" 21+50.9	R+	17.5*		
L-4	"B2" 100+57.8 TO "B2" 102+68.8	L+	211.0		
L-4	"B2" 100+57.8 TO "B2" 102+65.5	L+		207.7	
L-3	"A2" 20+27 TO "A2" 21+07.00	R+			80.0
L-3	"A2" 21+40.5 TO "A2" 22+30.00	R+			89.5
L-4 TO L-5	"B2" 105+05.3 TO "B2" 109+98.5	L+			493.2
		TOTAL	228.5	207.7	662.7

* - ACTUAL LENGTH IS DIFFERENT DUE TO SKEW

SUMMARY OF QUANTITIES

Q-2

DATE PLOTTED => 11-OCT-2023 08:11:23 TIME PLOTTED => 15:01

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x

x

x

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



03-DESIGN

FUNCTIONAL SUPERVISOR

TARIO CHECHI

CALCULATED-DESIGNED BY

CHECKED BY

PANG JAI THAO

TARIO CHECHI

REVISED BY

DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	01	6.4/9.5		

SIG REGISTERED CIVIL ENGINEER SIGD DATE

PLANS APPROVAL DATE

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MECHANICALLY STABILIZED EMBANKMENT

SHEET No.	STATION	(L+/R+)	MECHANICALLY STABILIZED EMBANKMENT	CABLE RAILING	COMMENTS
			SQFT	LF	
L-4	"B2" 102+82.3 TO "B2" 104+24.6	L+	1280.7	142.3	
L-4	"B2" 103+19.5 TO "B2" 103+84.5	R+	390.0	65.0	
DQ-1		R+		14.2	FROM DRAINAGE QUANTITIES
TOTAL			1,670.7	221.5	

PLACE HMA (MISCELLANEOUS AREA)

SHEET No.	STATION	(L+/R+)	PLACE HMA (MISCELLANEOUS AREA)	HMA* (TYPE A)	COMMENTS
			SQYD	TON	
L-4	"B2" 103+28.8 TO "B2" 103+61.9	L+	4.0	0.9	HMA OVERSIDE DRAIN
TOTAL			4.0	0.9	

* - FOR INFORMATION ONLY. SEE ROADWAY QUANTITIES SUMMARY TABLE ON THIS SHEET FOR TOTAL Qty.

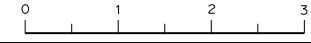
GEOSYNTHETIC PAVEMENT INTERLAYER

STATION	L+/R+	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING FABRIC)	HMA (TYPE A) *	COLD PLANE AC PAVEMENT **	ASPHALT BINDER (GEOSYNTHETIC PAVEMENT INTERLAYER)	TACK COAT *
		SQYD	TON	SQYD	TON	TON
"A2" 7+95.00 TO "B2" 22+10.00	R+	628.9	65.8	628.9	0.8	2.2
"A2" 9+87.9 TO "B2" 22+10.00	L+	543.2	56.8	543.2	0.7	
"B2" 101+17.5 TO "B2" 103+32.2	R+	95.4	10.0	95.4	0.2	
"B2" 103+92.5 TO "B2" 109+67.7	R+	255.6	26.7	255.6	0.3	
"B2" 100+57.8 TO "B2" 102+77.3	L+	97.6	10.2	97.6	0.2	
"B2" 104+34.6 TO "B2" 109+70.00	L+	238.0	24.9	238.0	0.3	
TOTAL		1858.6	194.5	1858.6	2.5	2.2

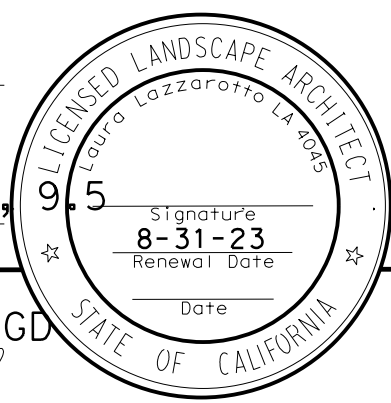
* - FOR INFORMATION ONLY. SEE ROADWAY QUANTITIES SUMMARY TABLE ON SHEET Q-1 FOR TOTAL Qty.
** - FOR INFORMATION ONLY. SEE EXISTING PAVEMENT TABLE ON SHEET Q-1 FOR TOTAL Qty.

SUMMARY OF QUANTITIES

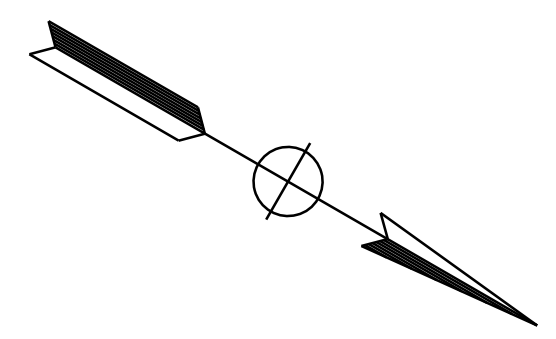
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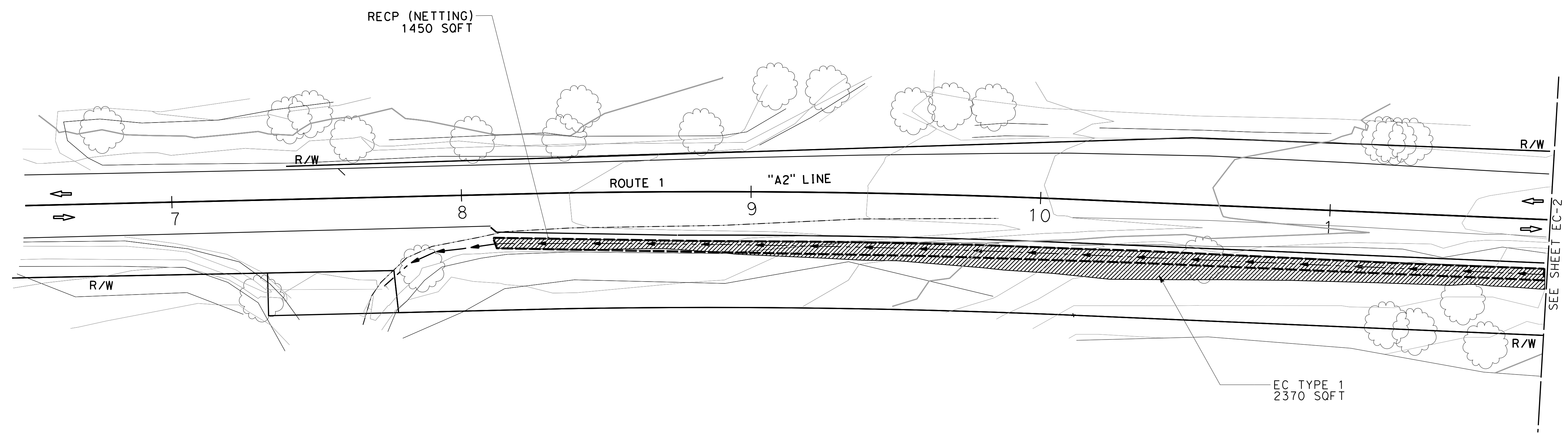
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	001	6.4/9.5		
LICENSED LANDSCAPE ARCHITECT					
01	Men	01	6.5	9.5	
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 LANDSCAPE ARCHITECTURE
 T. CHRIS JOHNSON
 FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 VALERIE JONES
 LAURA LAZZAROTTO
 REVISED BY
 DATE REVISED




LOCATION 1

EROSION CONTROL PLAN
SCALE: 1" = 20'
EC-1

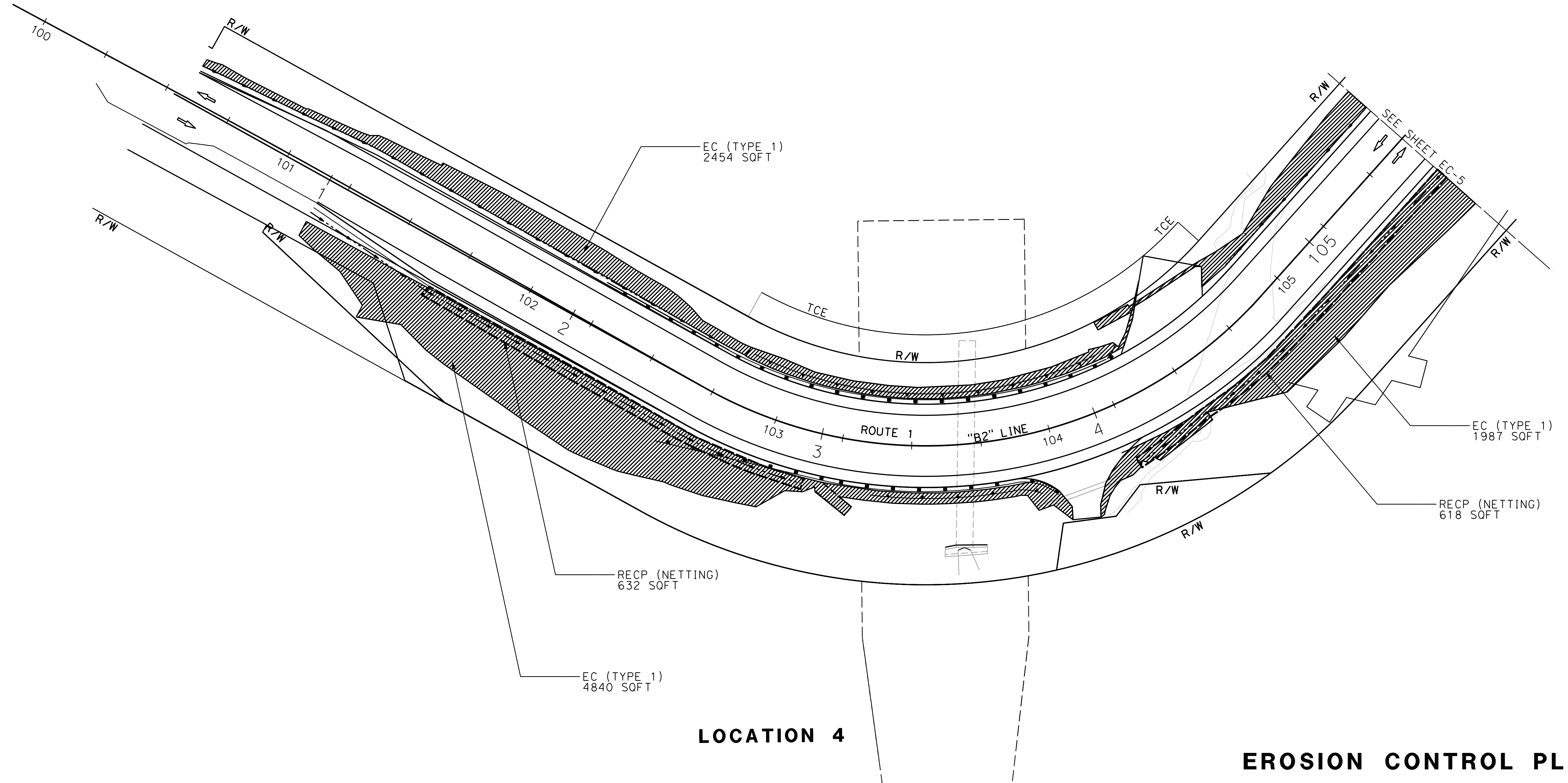
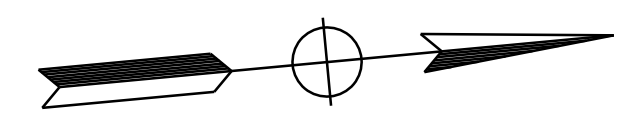
APPROVED FOR EROSION CONTROL WORK ONLY

LAST REVISION | DATE PLOTTED => 8/4/2023
 07-19-23 | TIME PLOTTED => 11:41:25 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	001	6.4/9.5		

REGISTERED AND SIGNATURE DATE	
PLANS APPROVAL DATE	


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LOCATION 4

EROSION CONTROL PLAN
EC-4

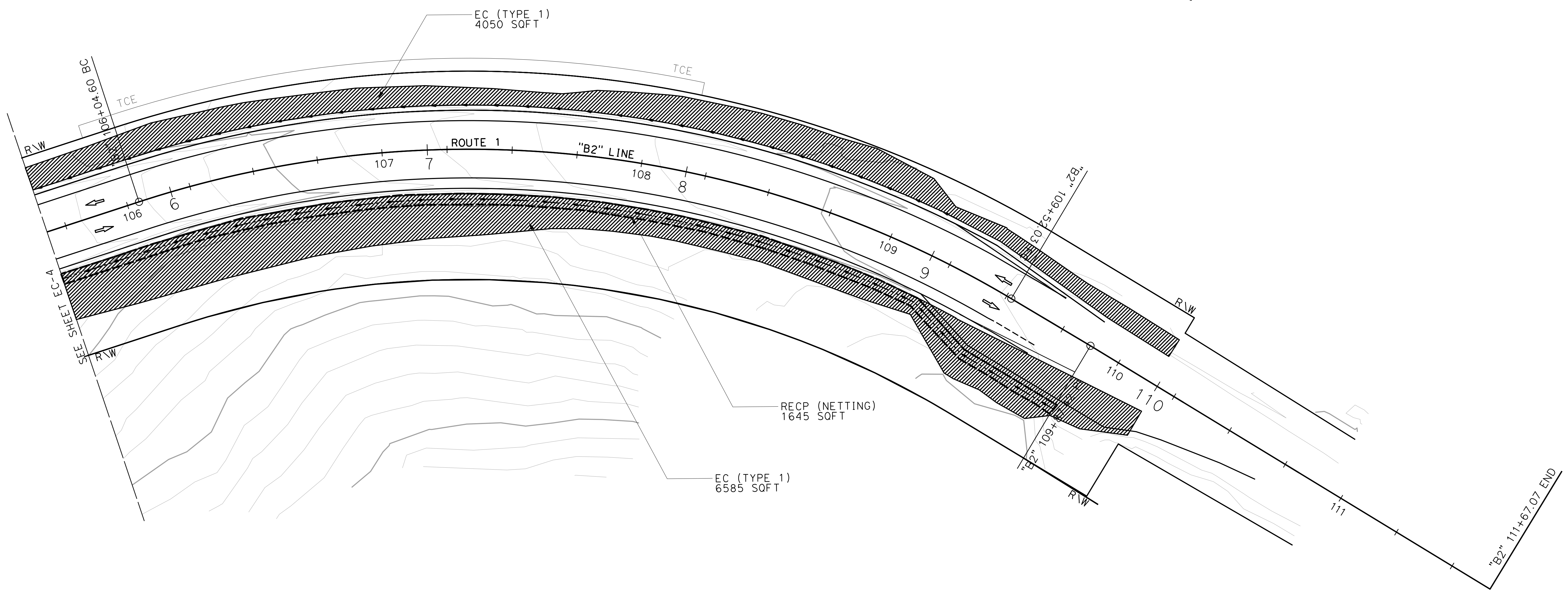
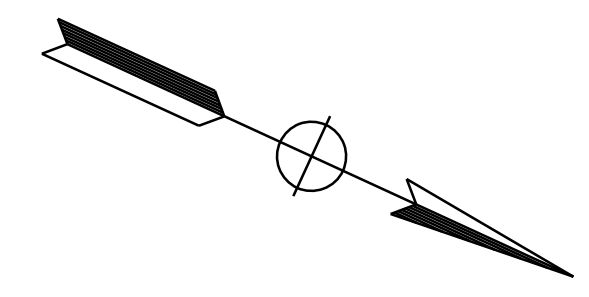
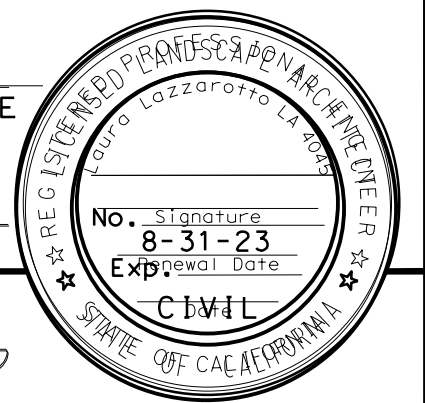
SCALE: 1" = 20'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	LANDSCAPE ARCHITECTURE	T. CHRIS JOHNSON	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	VALERIE JONES	REVISED BY
						LAURA LAZZAROTTO	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	001	6.4/9.5		

RECEIVED AND SCALED DATE	
PLANS APPROVAL DATE	

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LOCATION 5

EROSION CONTROL PLAN
EC-5

SCALE: 1" = 20'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	T. CHRIS JOHNSON	CALCULATED/DESIGNED BY	CHECKED BY	VALERIE JONES	REVISOR	DATE

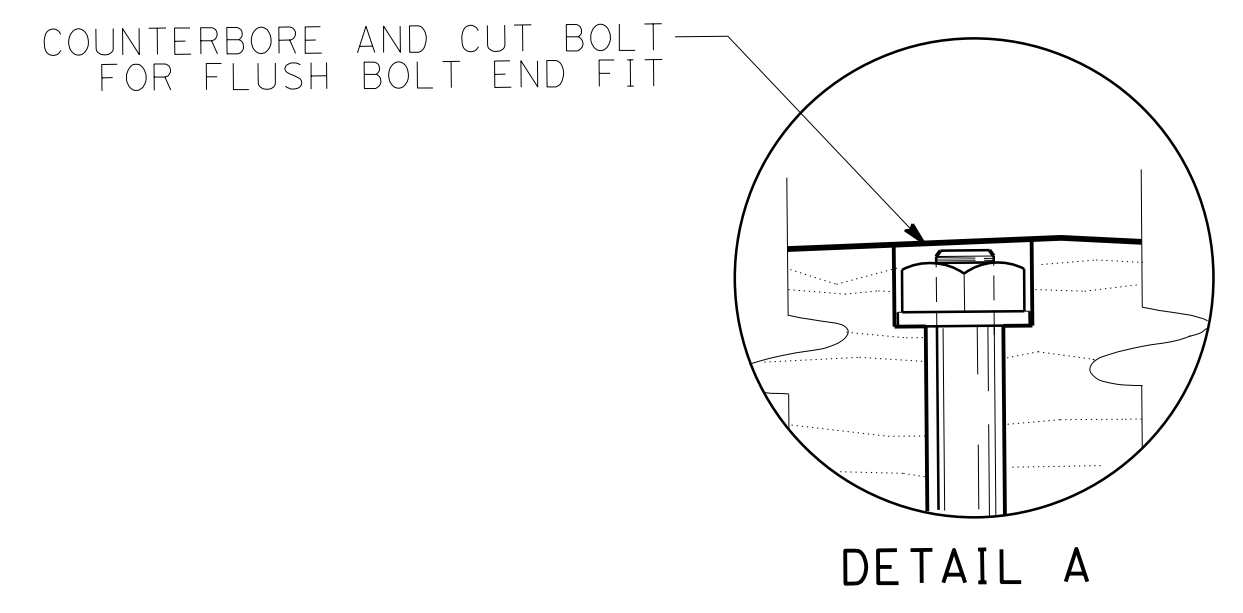
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	001	6.4/9.5		

LICENSED LANDSCAPE ARCHITECT

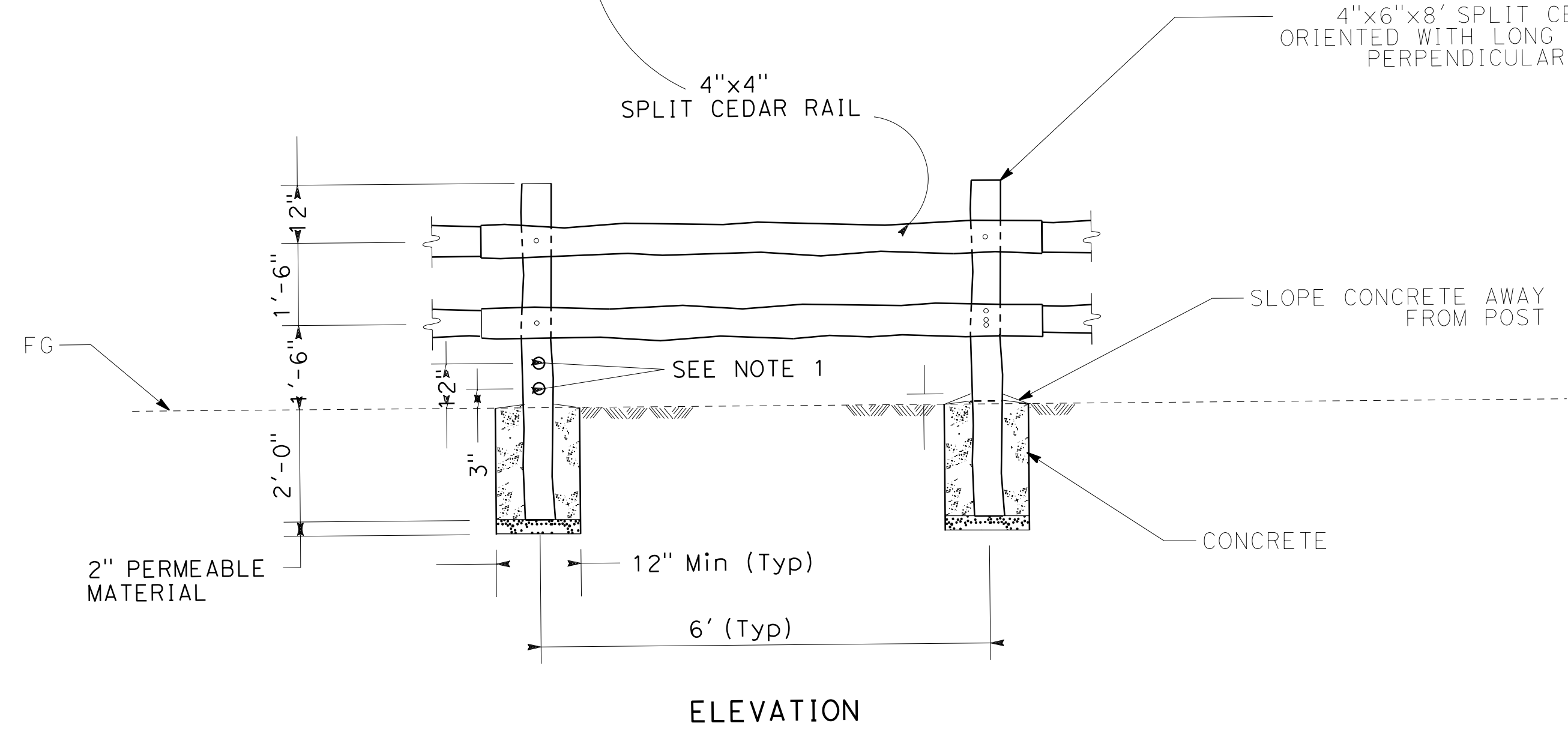
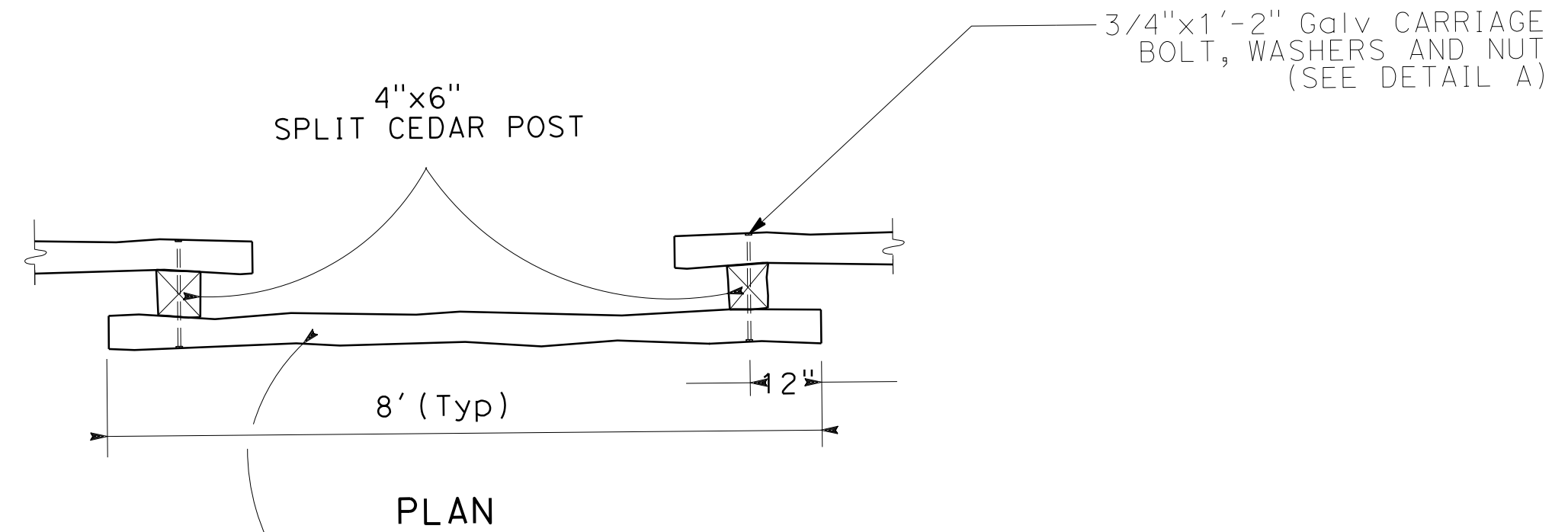
PLANS APPROVAL DATE

8-31-23

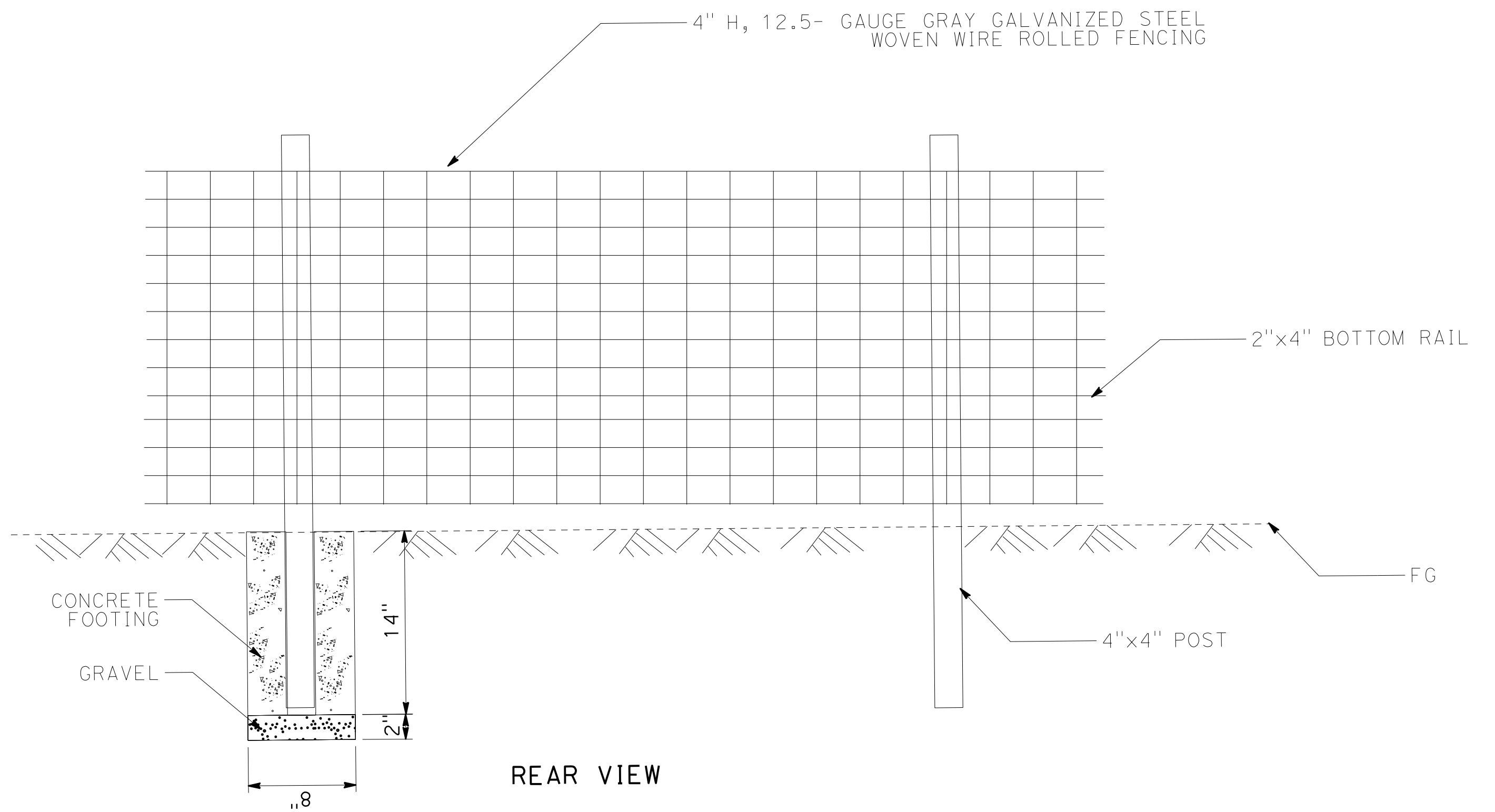
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NOTE:
 1. AT LOCATIONS WHERE POST IS WITHIN 10' OF ETW, DRILL 1 1/2" HOLE THROUGH CENTER OF POST. ORIENT HOLE AXIS PERPENDICULAR TO ETW.



SPLIT RAIL FENCE



WELDED WIRE FENCE

FENCE DETAILS
 NO SCALE
XX-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE

Valerie Jones
 Laura Lazzarotto

T. Chris Johnson

Phase 0116000047fg002.dgn

DATE PLOTTED => 8/4/2023 TIME PLOTTED => 5:21:27 PM