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BUILDING PLANS

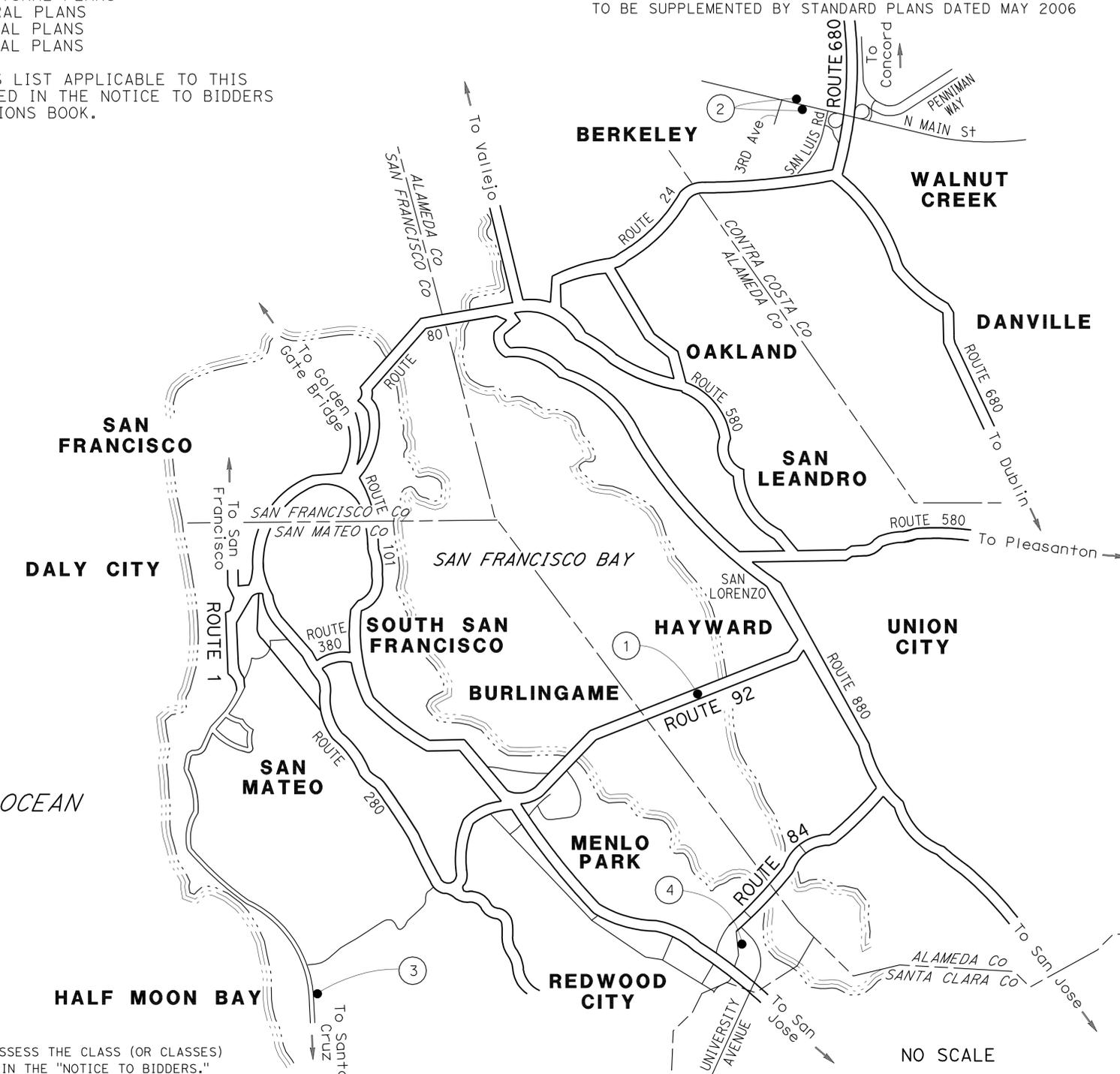
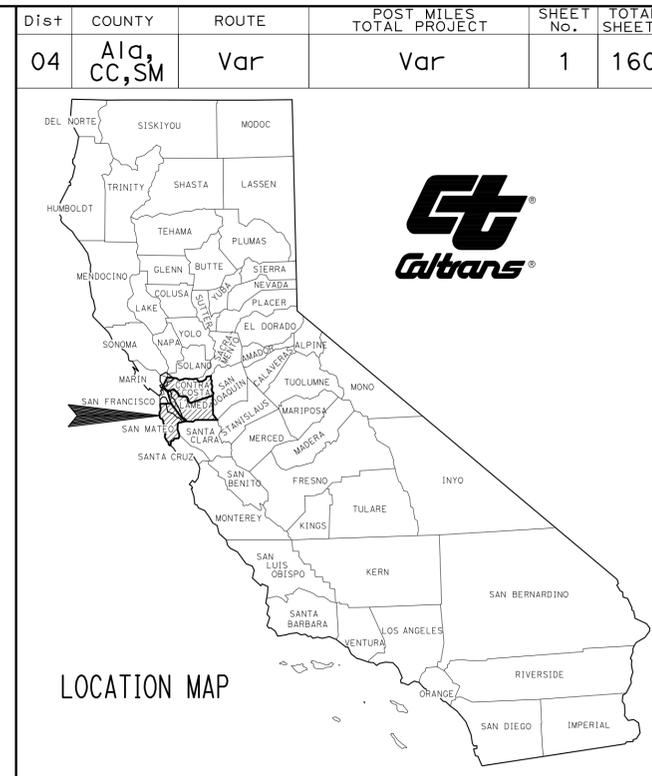
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THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR BUILDING CONSTRUCTION
ADJACENT TO STATE HIGHWAY
AND CITY STREET
IN ALAMEDA, CONTRA COSTA AND SAN MATEO COUNTIES
AT VARIOUS STATE FACILITIES

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



LOCATIONS OF CONSTRUCTION

LOCATION	COUNTY	ROUTE	PM	LOCATION No.	DESCRIPTION
1	Ala	92	2.6	35-0054	SAN MATEO-HAYWARD BRIDGE TOLL PLAZA
2	CC	680	15.6	28M5738	WALNUT CREEK MAINTENANCE STATION-WEST
	CC	680	15.6	28M5745	WALNUT CREEK MAINTENANCE STATION-EAST
3	SM	1	26.9	35M5710	HALF MOON BAY MAINTENANCE STATION
4	SM	84	28.0	35-0292W	RAVENSWOOD SLOUGH PUMP PLANT

PROJECT MANAGER
CRISTINA FERRAZ

DESIGN ENGINEER
DANIEL CHANG

Daniel Chang 11-29-10
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

March 7, 2011
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.	04-3A0904
PROJECT ID	0400000927

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	2	160

<i>Daniel Chang</i>	11-29-10
REGISTERED CIVIL ENGINEER	DATE
3-7-11	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER	Daniel Chang
No. 56476	
Exp. 6-30-11	
CIVIL	

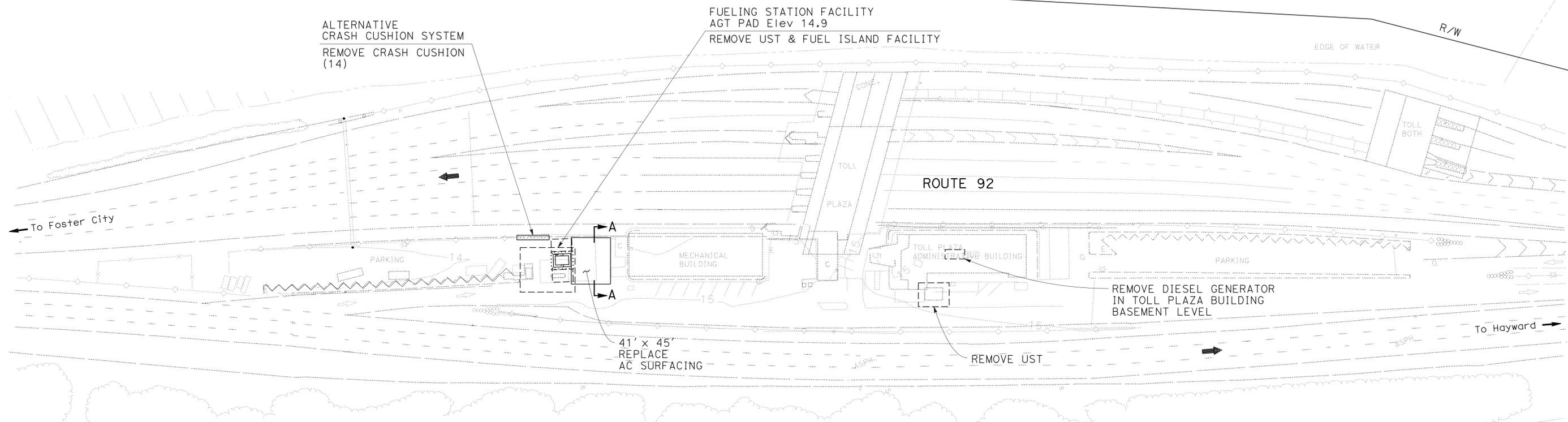
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NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

SAN FRANCISCO BAY



R/W



SAN MATEO-HAYWARD BRIDGE TOLL PLAZA

SAN FRANCISCO BAY

NOTES:

1. THE CONTRACTOR SHALL COORDINATE WITH CALTRANS FACILITY MANAGER OF THE TOLL PLAZA ADMINISTRATION BUILDING FOR THE REMOVAL OF THE EXISTING DIESEL GENERATOR.
2. FOR REMOVING UST, BACKFILLING AND INSTALLING AGT AND OTHER FACILITY INFORMATION, SEE BUILDING PLANS.
3. DIMENSIONS AND LIMITS OF WORK SHOWN ON THE PLANS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE BASED ON THE CONDITION ENCOUNTERED. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND SITE CONDITION PRIOR TO THE START OF CONSTRUCTION. DISCREPANCIES BETWEEN ACTUAL CONDITION AND THOSE SHOWN ON THE PLANS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. THE EXACT LOCATION OF Temp CHAIN LINK FENCE SHALL BE DETERMINED BY THE ENGINEER.
5. FOR PAVEMENT SECTION AND REPLACE AC SURFACING SEE CONSTRUCTION DETAILS.

ABBREVIATIONS:

- AGT ABOVE GROUND TANK
 CPAC COLD PLANE ASPHALT CONCRETE PAVEMENT
 UST UNDERGROUND STORAGE TANK

LEGEND:

- REPLACE AC SURFACING
- HOT MIX ASPHALT (TYPE A) AGGREGATE BASE (3)
- COLD PLANE ASPHALT CONCRETE PAVEMENT HOT MIX ASPHALT (TYPE A)
- DIRECTION OF TRAFFIC
- GRADE TO DRAIN
- REMOVE UNDERGROUND STORAGE TANK AND DIESEL GENERATOR

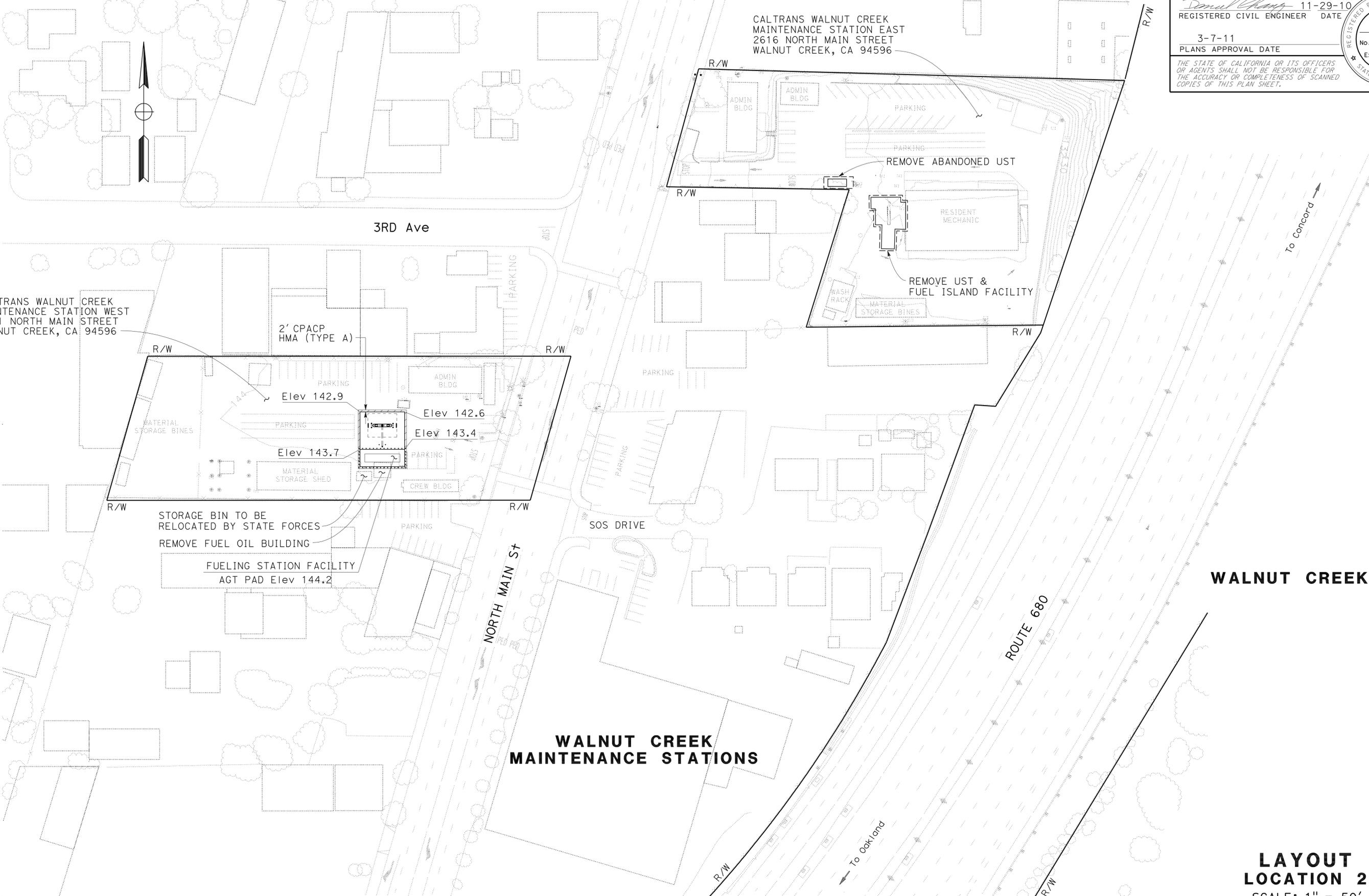
LAYOUT LOCATION 1
SCALE: 1" = 50'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: ARLISSA PANG
 CHECKED BY: ARLISSA PANG
 REVISIONS BY: DANIEL CHANG
 DATE REVISION: 4/23/10
 DC

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: ARLISSA PANG
 CHECKED BY: ARLISSA PANG
 CALCULATED/DESIGNED BY: ARLISSA PANG
 REVISIONS: DANIEL CHANG, ARLISSA PANG, DC, 4/23/10

NOTE:
 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
04	Ala, CC, SM	Var	Var	3	160

Daniel Chang 11-29-10
 REGISTERED CIVIL ENGINEER DATE
 3-7-11
 PLANS APPROVAL DATE

Daniel Chang
 No. 56476
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

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WALNUT CREEK MAINTENANCE STATIONS

WALNUT CREEK

LAYOUT LOCATION 2
 SCALE: 1" = 50'

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

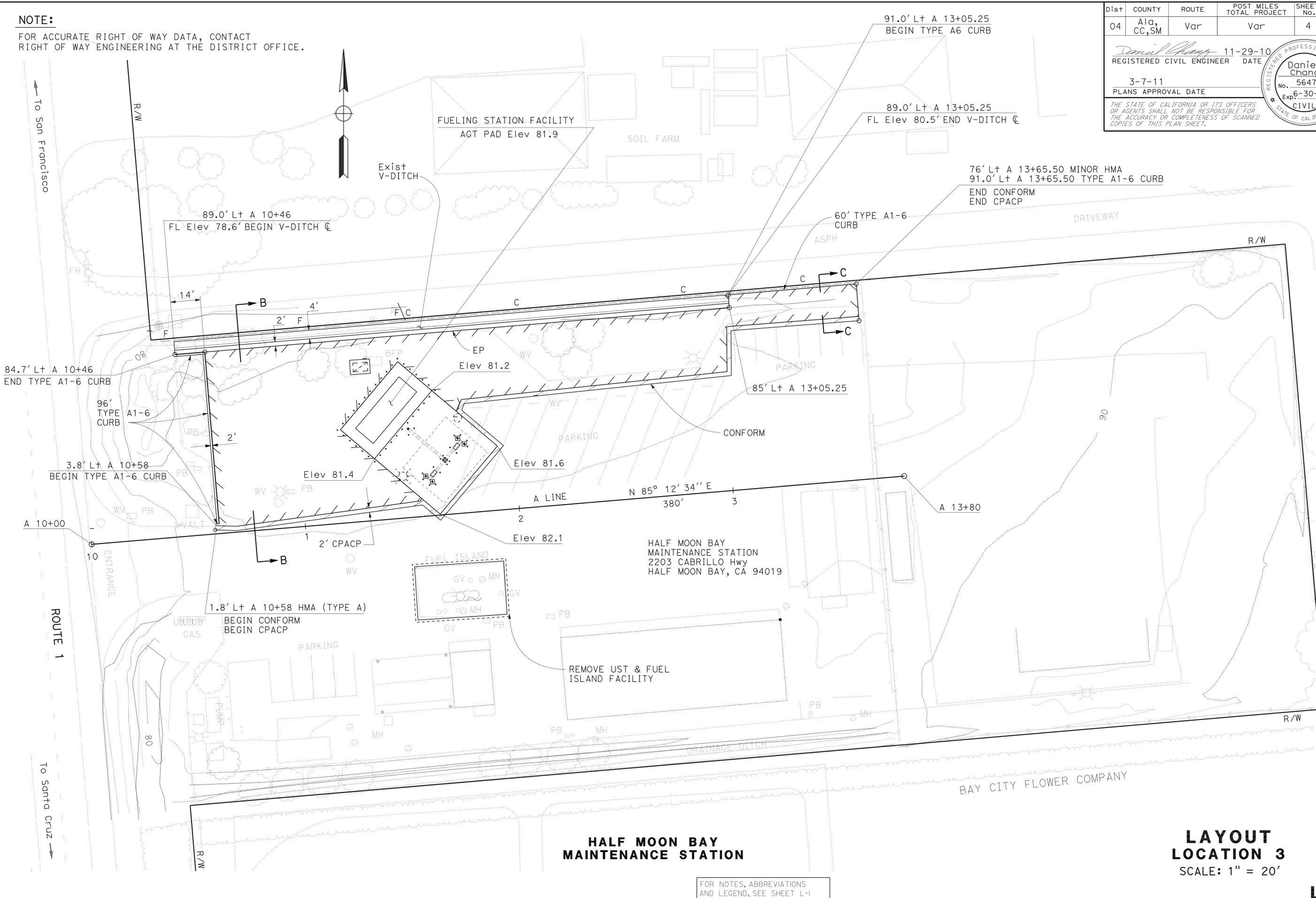
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT
RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	4	160

Daniel Chang 11-29-10
 REGISTERED CIVIL ENGINEER DATE
 3-7-11
 PLANS APPROVAL DATE

Daniel Chang
 No. 56476
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

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HALF MOON BAY MAINTENANCE STATION

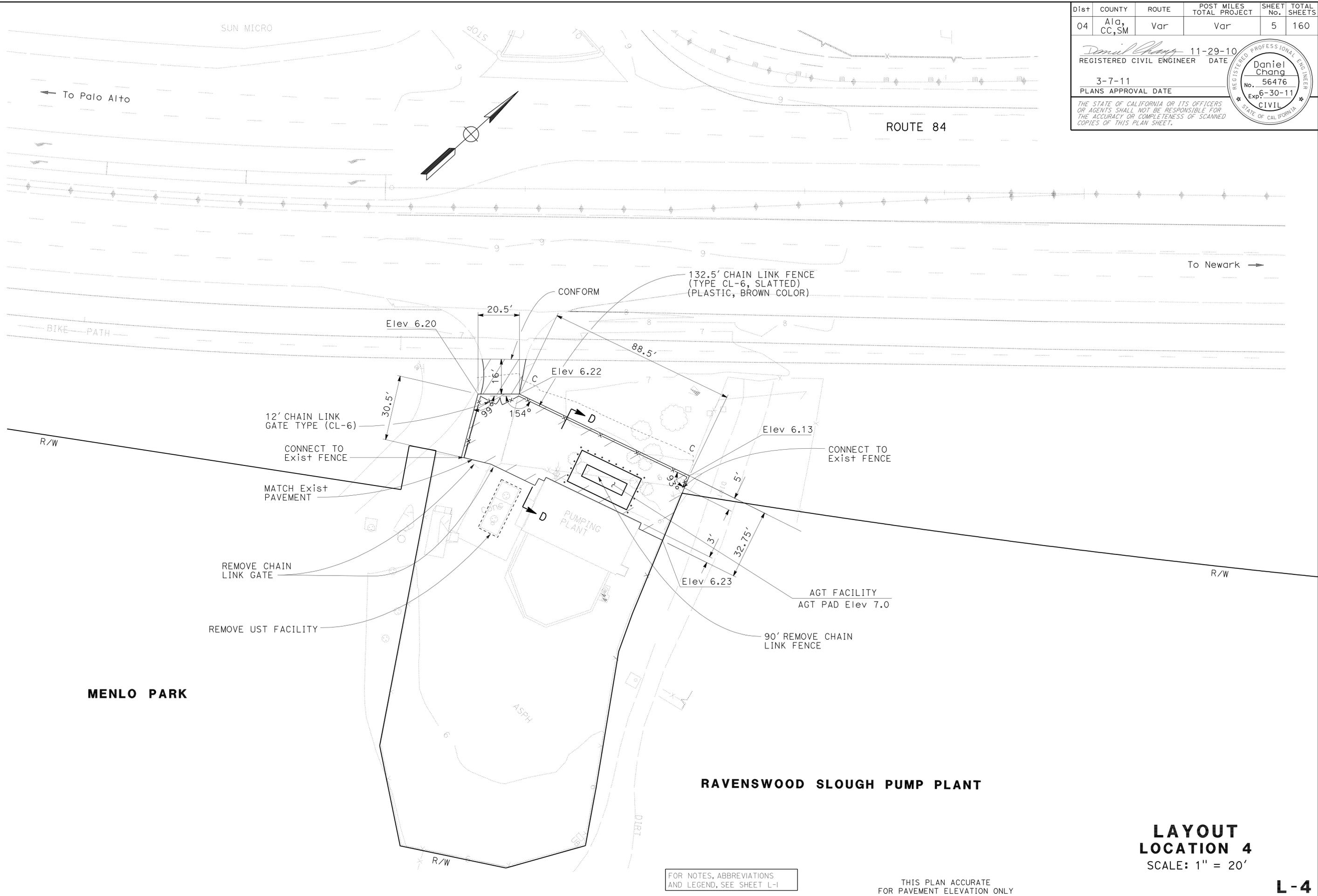
LAYOUT LOCATION 3
SCALE: 1" = 20'

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 Daniel Chang
 ARLISSA PANG
 ARLISSA PANG
 ARLISSA PANG

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	5	160
<i>Daniel Chang</i> 11-29-10 REGISTERED CIVIL ENGINEER DATE			Daniel Chang No. 56476 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA		
3-7-11 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>					

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
Caltrans	
FUNCTIONAL SUPERVISOR	ARLISSA PANG
CALCULATED/DESIGNED BY	CHECKED BY
DANIEL CHANG	ARLISSA PANG
REVISED BY	DATE REVISED
DC	4/23/10



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

THIS PLAN ACCURATE FOR PAVEMENT ELEVATION ONLY

LAYOUT LOCATION 4
SCALE: 1" = 20'

LAST REVISION DATE PLOTTED => 14-MAR-2011 11-29-10 TIME PLOTTED => 06:01

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	6	160

<i>Daniel Chang</i>	11-29-10
REGISTERED CIVIL ENGINEER	DATE
3-7-11	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
Daniel Chang
 No. 56476
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

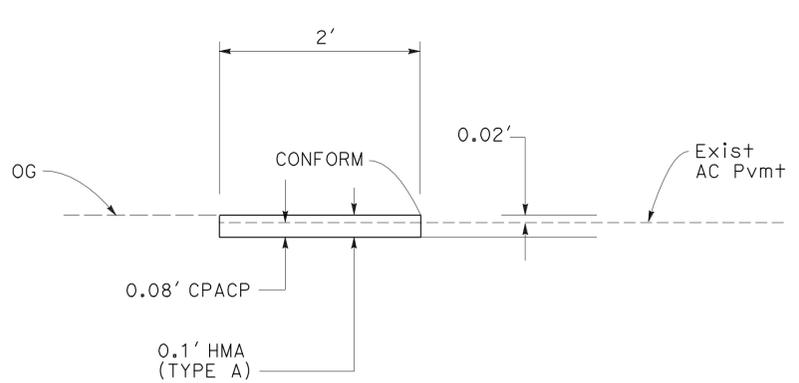
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

ABBREVIATION:

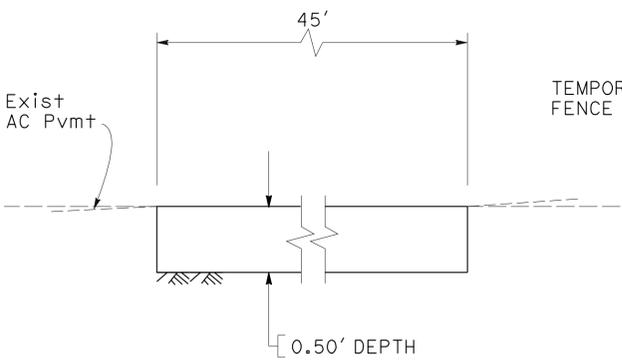
CPACP COLD PLANE ASHPALT CONCRETE PAVEMENT
 NM NATIVE MATERIAL
 UST UNDERGROUND STORAGE TANK

LEGEND:

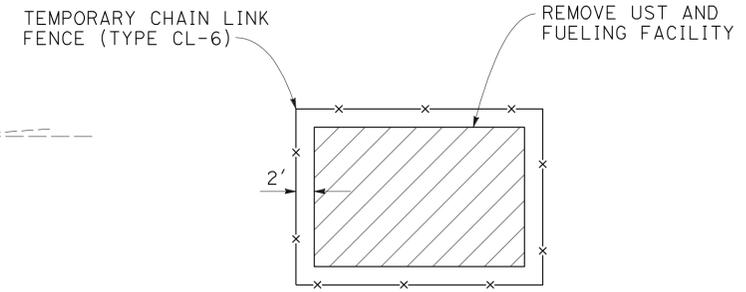
(No.) LOCATION NUMBER
 ~ GRADE TO DRAIN



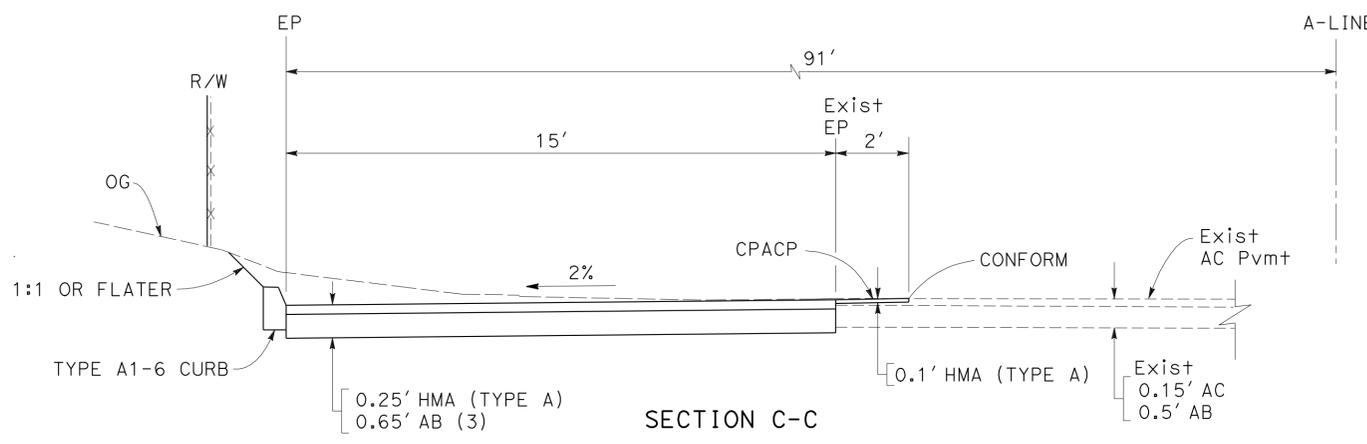
TYPICAL PAVING CONFORM
 (2) (3) (4)



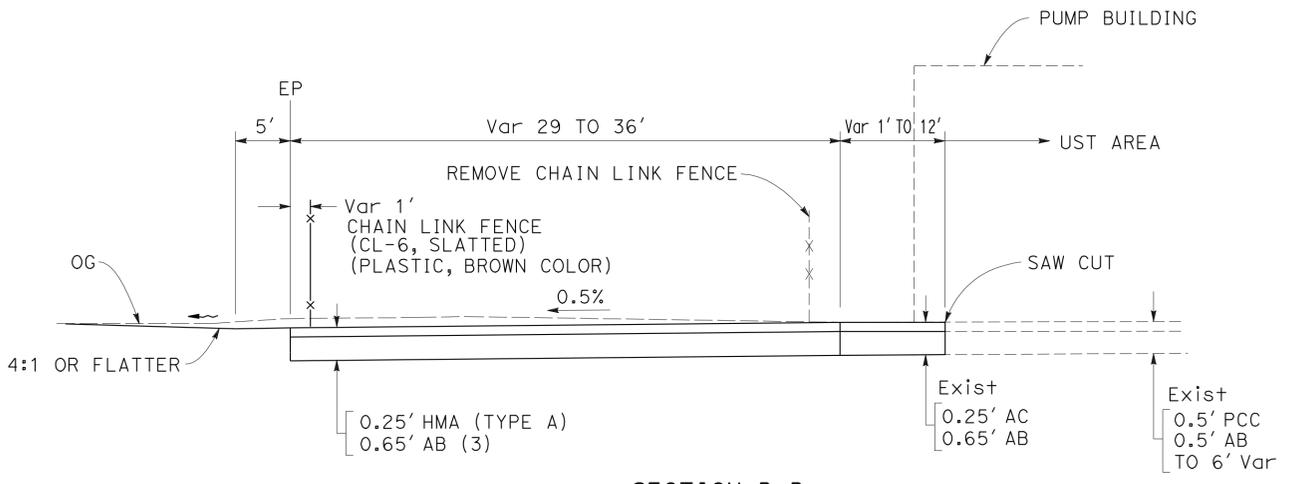
**SECTION A-A
 REPLACE AC SURFACING**
 (1)



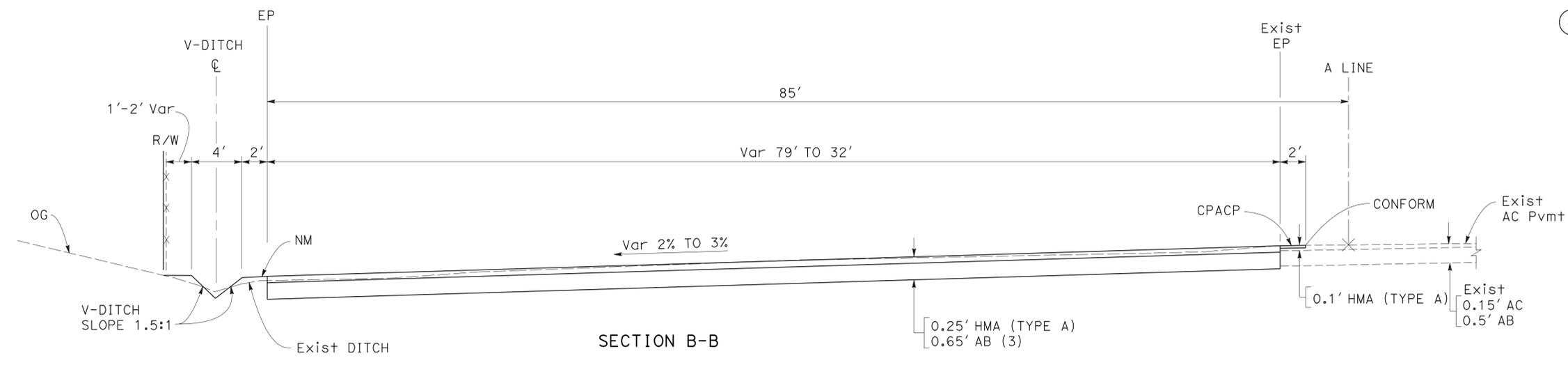
TYPICAL TEMPORARY CHAIN LINK FENCE (TYPE CL-6)
 (1) (2) (3) (4)



SECTION C-C
 A 13+05 TO 13+65.50
 (3)



**SECTION D-D
 RAVENSWOOD SLOUGH PUMP STATION PAVING AREA**
 (4)



**SECTION B-B
 HALF MOON BAY MAINTENANCE STATION PAVING AREA**
 A 10+58 TO 13+05
 (3)

CONSTRUCTION DETAILS
 NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Daniel Chang
 ARLISSA PANG
 ARLISSA PANG
 DESIGN

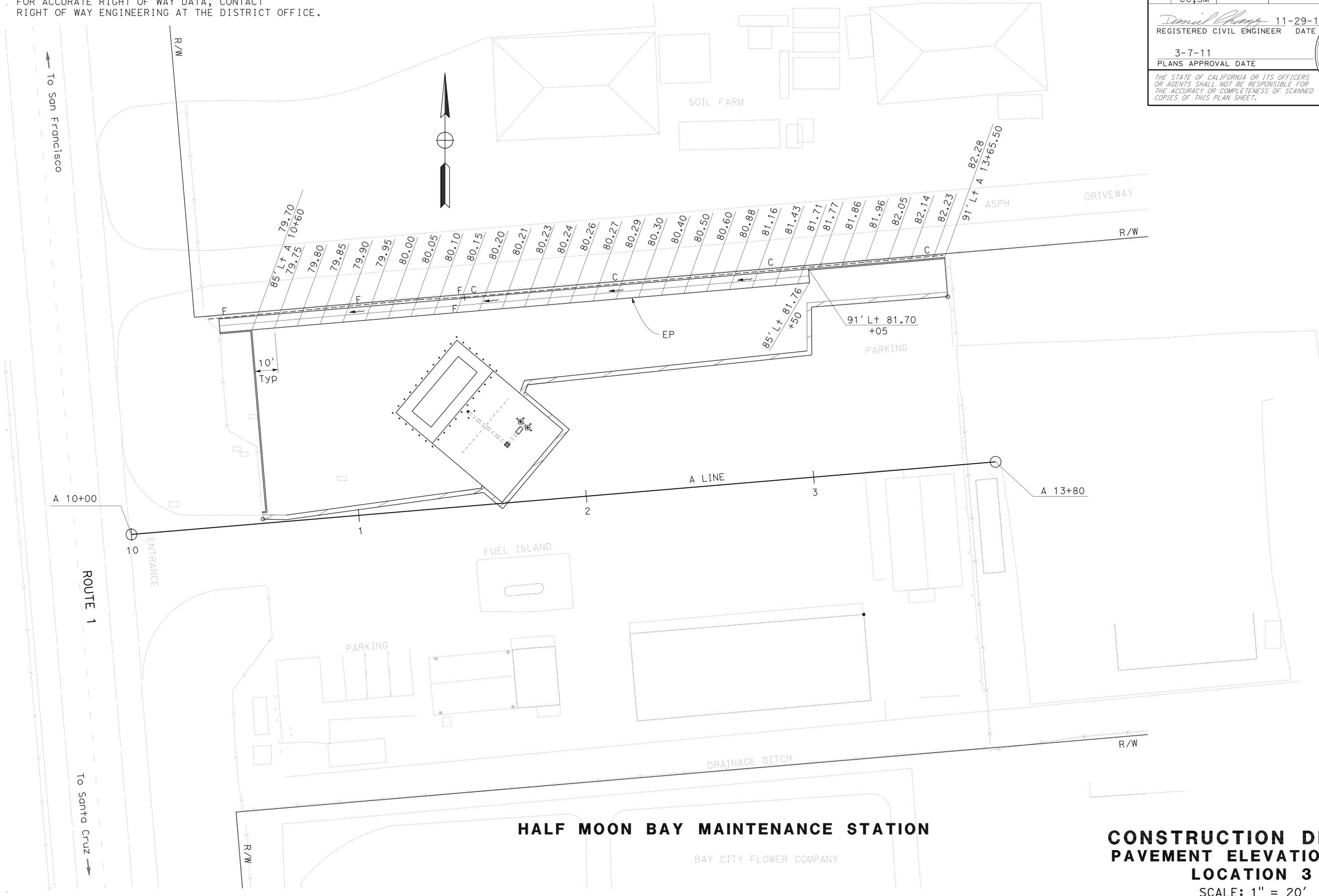
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	7	160

<i>Daniel Chang</i>	11-29-10
REGISTERED CIVIL ENGINEER	DATE
3-7-11	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
Daniel Chang
No. 56476
Exp. 6-30-11
CIVIL

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
Caltrans	
FUNCTIONAL SUPERVISOR	ARLISSA PANG
CALCULATED/DESIGNED BY	CHECKED BY
DANIEL CHANG	ARLISSA PANG
REVISED BY	DATE REVISED
DC	4/23/10

**CONSTRUCTION DETAILS
PAVEMENT ELEVATION PLAN
LOCATION 3**
SCALE: 1" = 20'

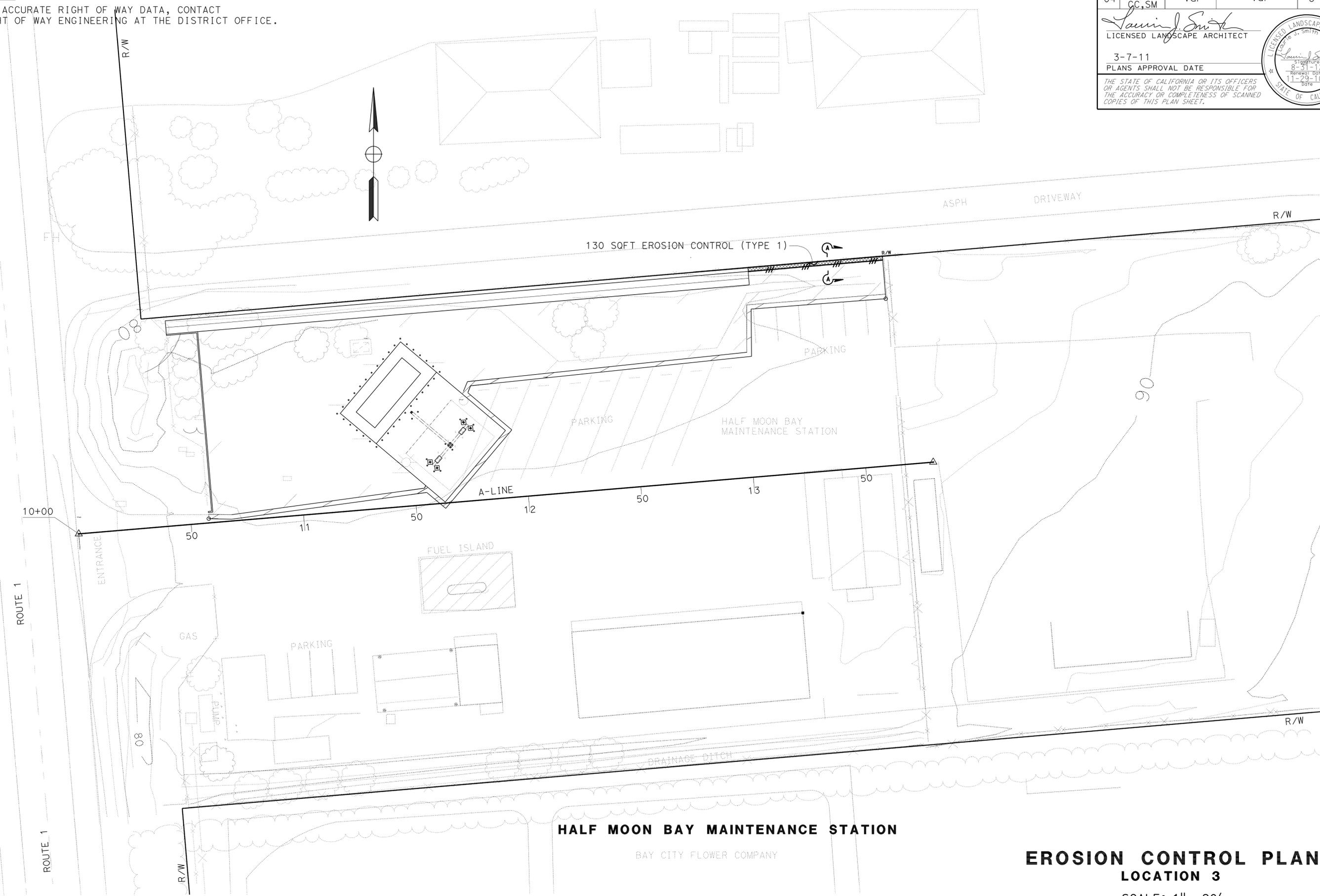
THIS PLAN ACCURATE FOR PAVEMENT ELEVATION WORK ONLY

C-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	8	160

Signature: *Laurie J. Smith*
 LICENSED LANDSCAPE ARCHITECT
 3-7-11
 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.

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	CALCULATED/DESIGNED BY	REVISOR
Water Quality	DAVID W YAM	CHECKED BY	DATE REVISED
Caltrans		VIRGILIO FRANCISCO	LAURIE J SMITH

HALF MOON BAY MAINTENANCE STATION
 BAY CITY FLOWER COMPANY

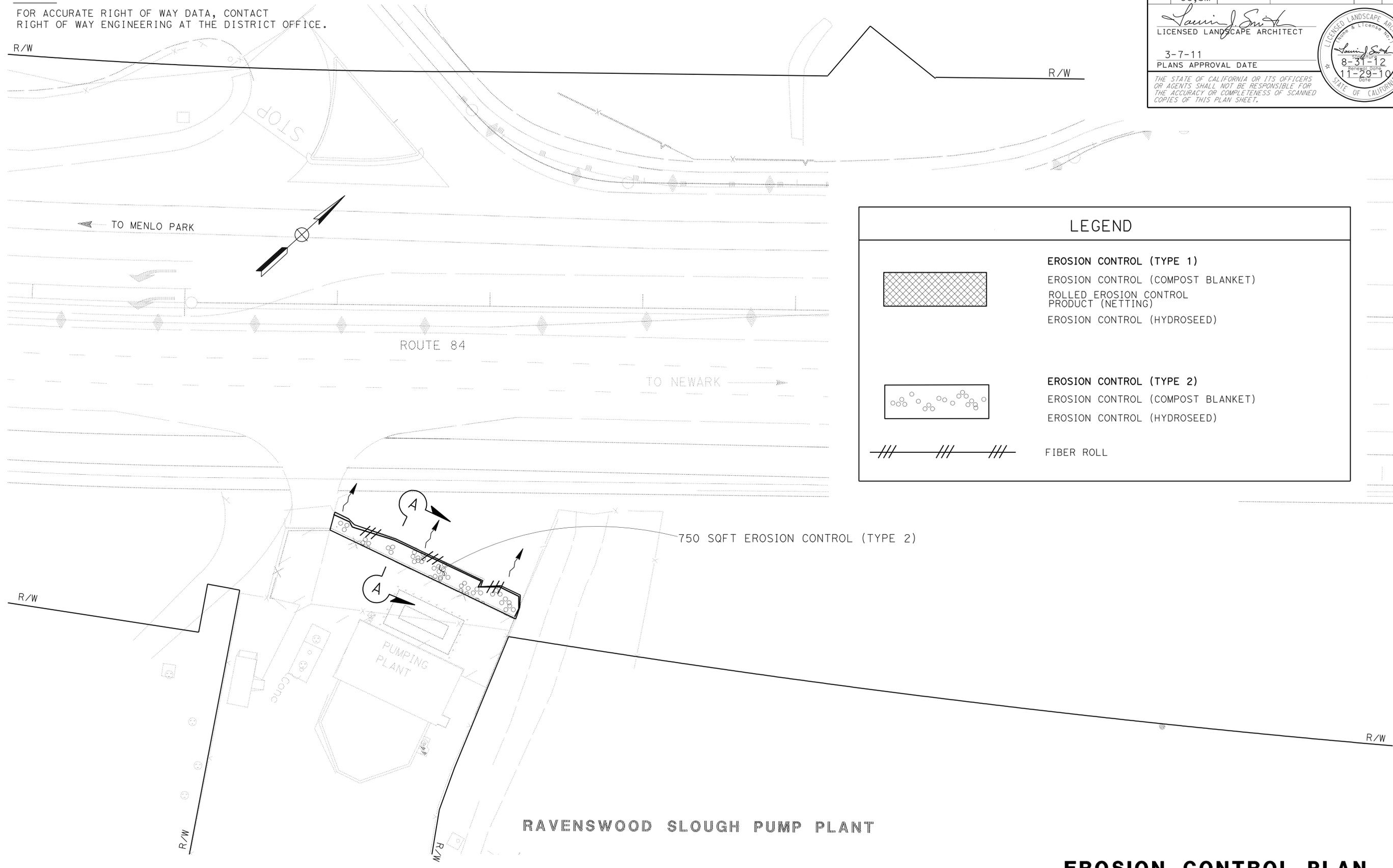
EROSION CONTROL PLAN
LOCATION 3
 SCALE: 1" = 20'
EC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans WATER QUALITY
 SENIOR LANDSCAPE ARCHITECT DAVID W YAM
 VIRGIL FRANCISCO LAURIE J SMITH
 CALCULATED/DESIGNED BY CHECKED BY
 REVISED BY DATE REVISED

NOTE:
 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
04	Alameda, Contra Costa, San Mateo	Var	Var	9	160

Laurie J. Smith
 LICENSED LANDSCAPE ARCHITECT
 3-7-11
 PLANS APPROVAL DATE
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LEGEND

	EROSION CONTROL (TYPE 1)
	EROSION CONTROL (COMPOST BLANKET)
	ROLLED EROSION CONTROL PRODUCT (NETTING)
	EROSION CONTROL (HYDROSEED)
	EROSION CONTROL (TYPE 2)
	EROSION CONTROL (COMPOST BLANKET)
	EROSION CONTROL (HYDROSEED)
	FIBER ROLL

EROSION CONTROL PLAN
LOCATION 4
 SCALE: 1" = 20'
EC-2

LAST REVISION DATE PLOTTED => 14-MAR-2011 11-29-10 TIME PLOTTED => 08:39

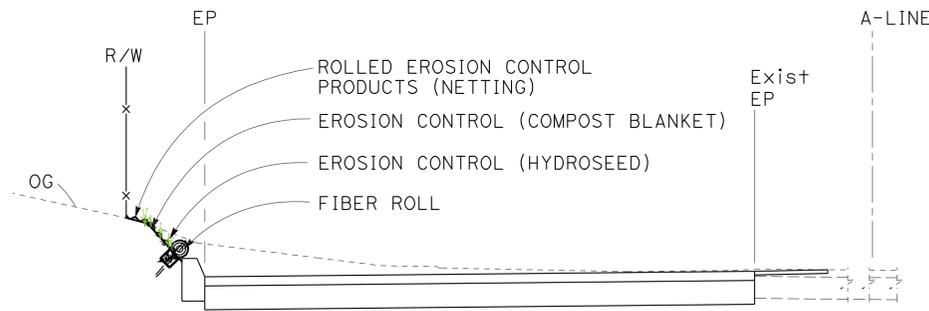
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	10	160

Laurie J. Smith
 LICENSED LANDSCAPE ARCHITECT
 3-7-11
 PLANS APPROVAL DATE

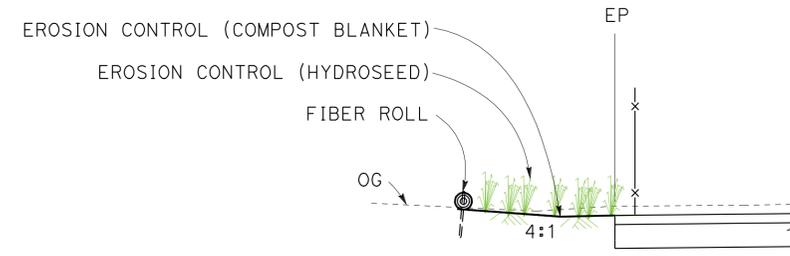
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EROSION CONTROL QUANTITIES

SHEET No.	EROSION CONTROL TYPE	FIBER ROLLS	EROSION CONTROL (HYDROSEED)	EROSION CONTROL (COMPOST BLANKET)	ROLLED EROSION CONTROL PRODUCT (NETTING)
		LF	SQFT	CY	SQFT
EC-1	1	60	130	0.3	130
EC-2	2	30	750	1.2	-
TOTAL		90	880	1.5	130



SECTION A-A
HALFMOON BAY MAINTENANCE STATION



SECTION A-A
RAVENSWOOD SLOUGH PUMP STATION

TYPICAL CROSS SECTION EROSION CONTROL ON RECONSTRUCTED EMBANKMENT SLOPE

EROSION CONTROL DETAILS AND QUANTITIES

THIS PLAN IS ACCURATE FOR EROSION CONTROL WORK ONLY

NO SCALE

ECD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - WATER QUALITY
 SENIOR LANDSCAPE ARCHITECT - DAVID W YAM
 VIRGIL FRANCISCO
 LAURIE J SMITH
 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
04	Ala, CC, SM	Var	Var	11	160

<i>Daniel Chang</i>	11-29-10
REGISTERED CIVIL ENGINEER	DATE
3-7-11	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
Daniel Chang
No. 56476
Exp. 6-30-11
CIVIL

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

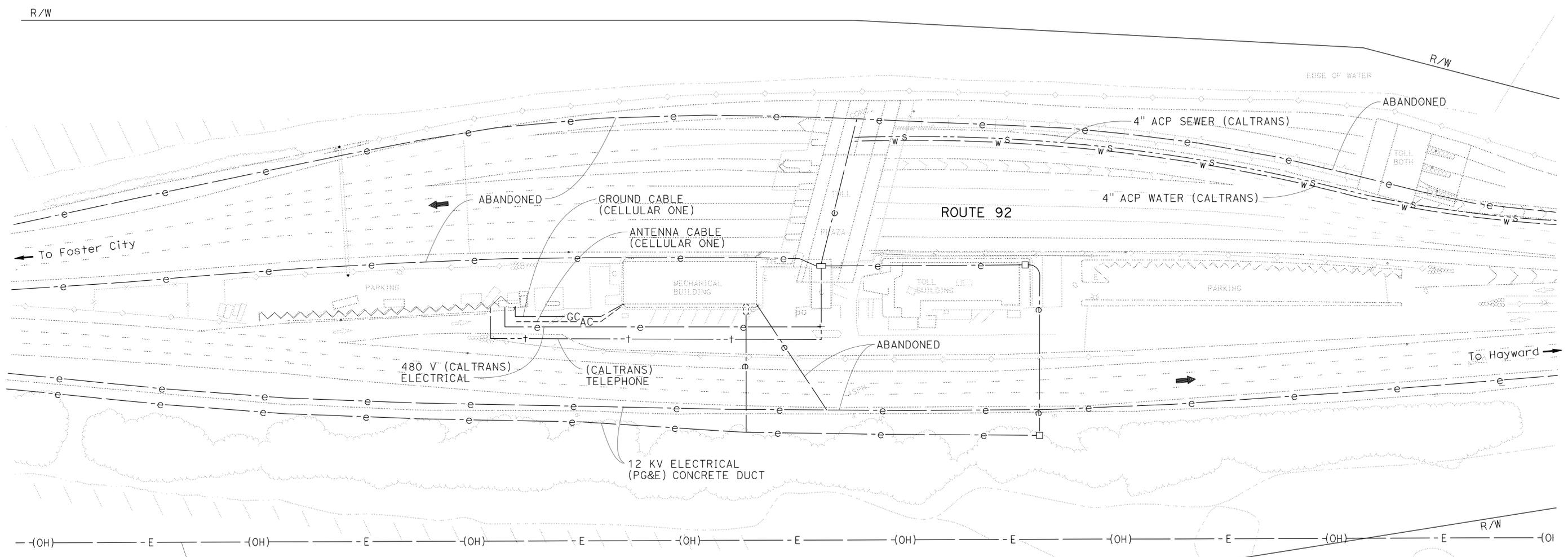
FUNCTIONAL SUPERVISOR
 ARLISSA PANG

CALCULATED/DESIGNED BY
 CHECKED BY

DANIEL CHANG
 ARLISSA PANG

REVISED BY
 DATE REVISED

DC
 4/23/10



SAN MATEO-HAYWARD BRIDGE TOLL PLAZA

- NOTES:**
1. THE EXISTING UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
 2. THE UTILITIES SHOWN ARE EXISTING.
 3. FOR DETAIL INFORMATION ON BUILDING UTILITIES, SEE BUILDING PLANS.

- ABBREVIATIONS:**
- AT&T AMERICAN TELEPHONE & TELEGRAPH
 - CCWD COASTSIDE COUNTY WATER DISTRICT
 - CCCSD CENTRAL CONTRA COSTA SANITARY DISTRICT
 - GSD GRANADA SANITARY DISTRICT
 - MP MENLO PARK
 - PACBELL PACIFIC BELL
 - PG&E PACIFIC GAS & ELECTRIC COMPANY

**UTILITY PLAN
LOCATION 1**
SCALE: 1" = 50'

THIS PLAN ACCURATE FOR UTILITY INFORMATION ONLY

U-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 ARLISSA PANG

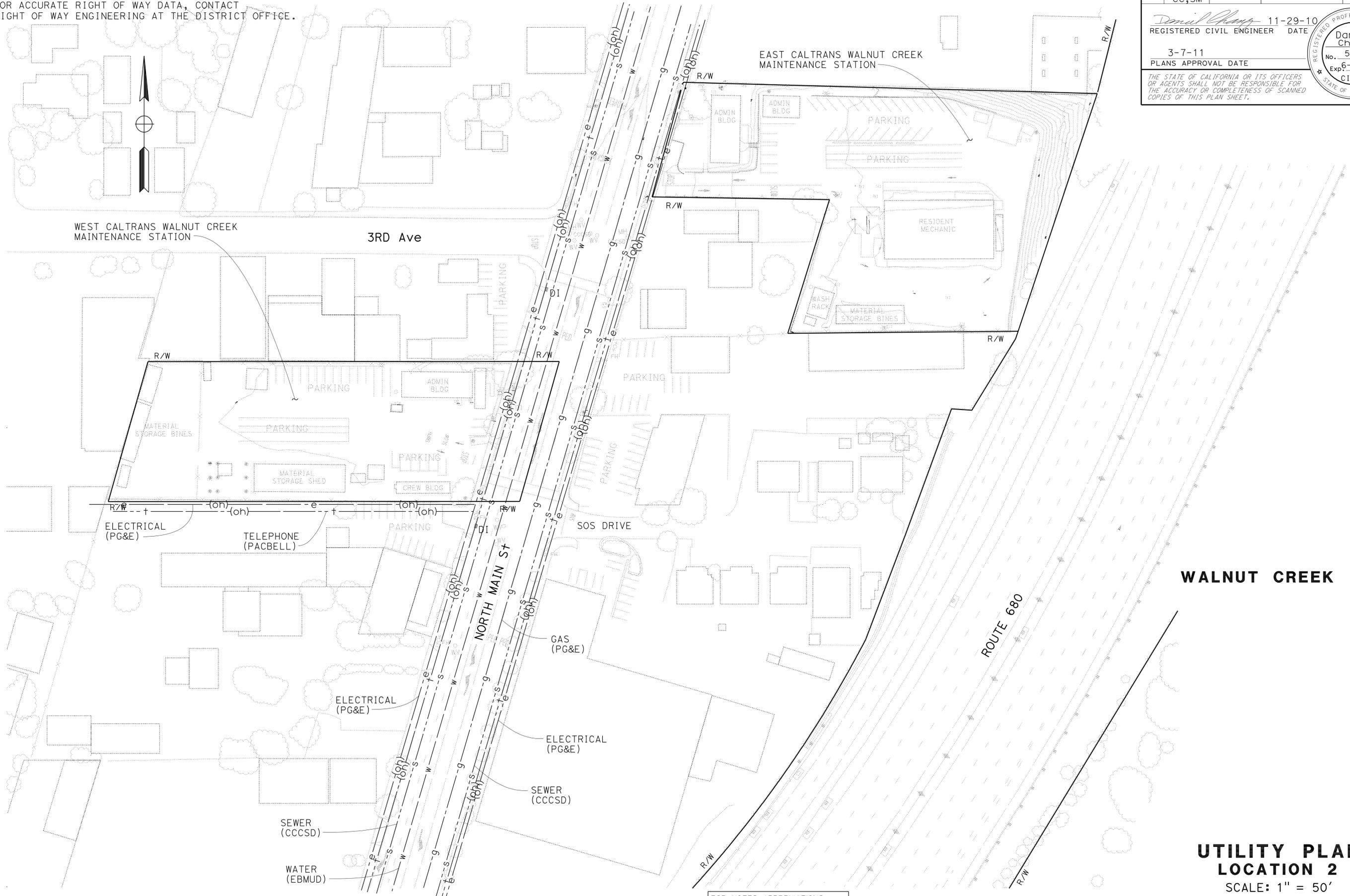
CALCULATED/DESIGNED BY
 CHECKED BY

DANIEL CHANG
 ARLISSA PANG

REVISED BY
 DATE REVISED

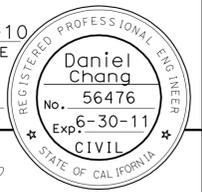
DC
 4/23/10

NOTE:
 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
04	Ala, CC, SM	Var	Var	12	160

Daniel Chang 11-29-10
 REGISTERED CIVIL ENGINEER DATE
 3-7-11
 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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET U-1

THIS PLAN ACCURATE FOR UTILITY INFORMATION ONLY

**UTILITY PLAN
 LOCATION 2**
 SCALE: 1" = 50'

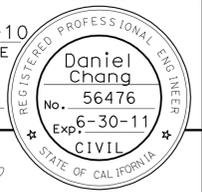
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LAST REVISION | DATE PLOTTED => 14-MAR-2011
 11-29-10 | TIME PLOTTED => 06:02

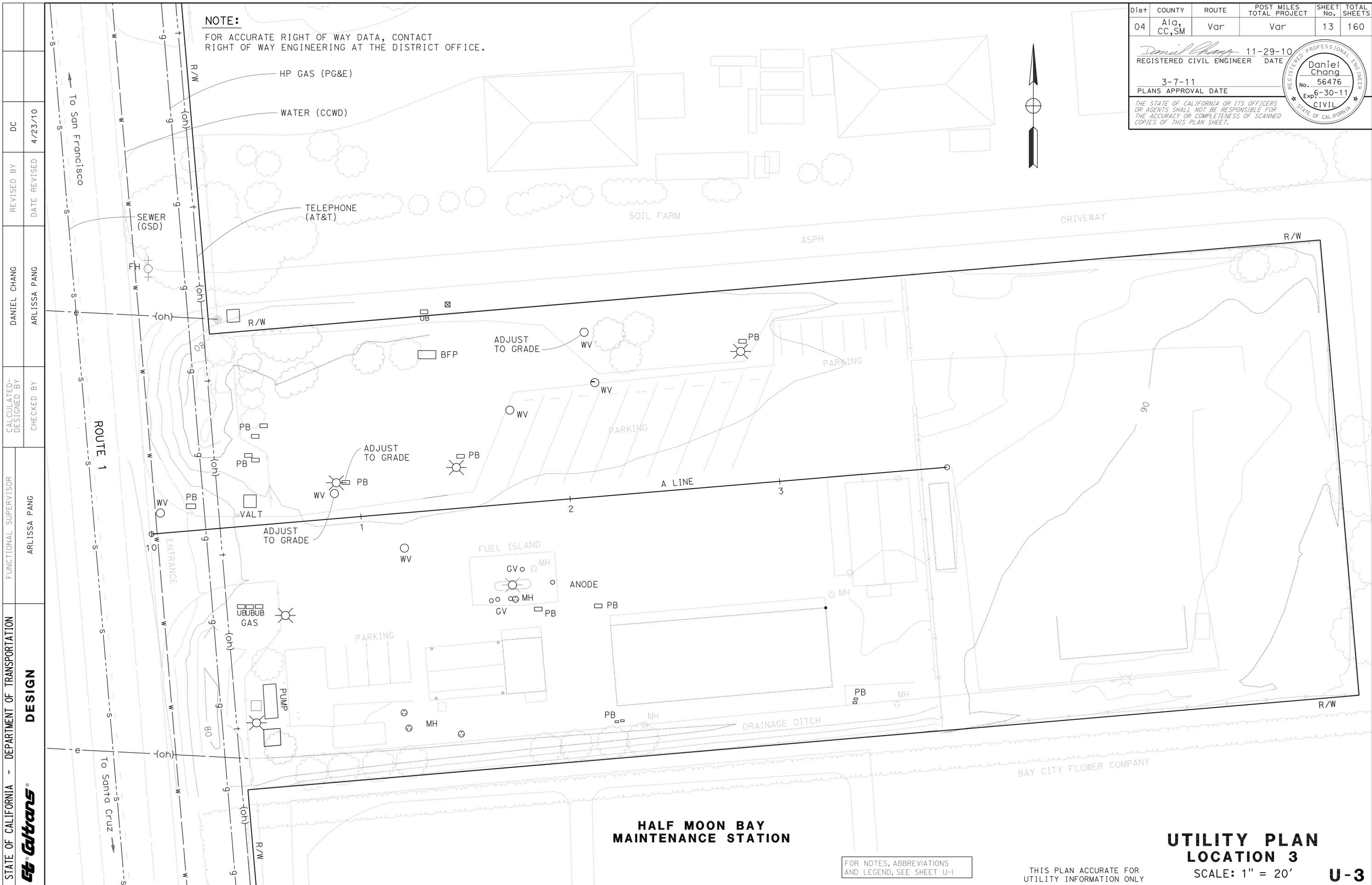
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	13	160

<i>Daniel Chang</i>	11-29-10
REGISTERED CIVIL ENGINEER	DATE
3-7-11	
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.



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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: ARLISSA PANG
 REVISIONS: DANIEL CHANG, ARLISSA PANG
 REVISIONS: DC, DATE REVISED: 4/23/10

HALF MOON BAY MAINTENANCE STATION

UTILITY PLAN LOCATION 3

SCALE: 1" = 20'

U-3

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET U-1

THIS PLAN ACCURATE FOR UTILITY INFORMATION ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	14	160

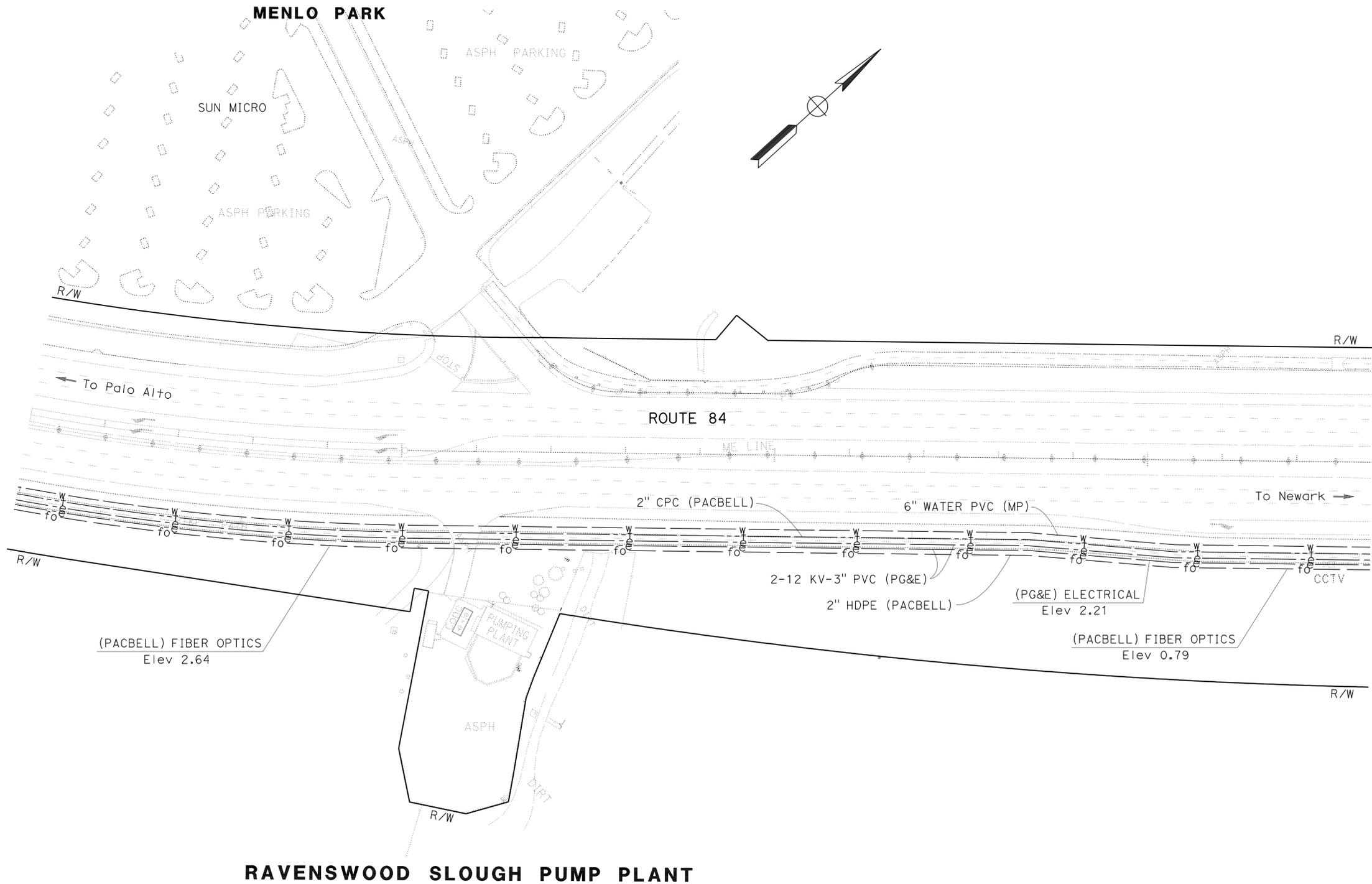
<i>Daniel Chang</i>	11-29-10
REGISTERED CIVIL ENGINEER	DATE
3-7-11	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
Daniel Chang
No. 56476
Exp. 6-30-11
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:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DC	4/23/10
REVISOR	DATE
DANIEL CHANG	ARLISSA PANG
CALCULATED/DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	ARLISSA PANG
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
Caltrans	



FOR NOTES, ABBREVIATIONS
 AND LEGEND, SEE SHEET U-1

THIS PLAN ACCURATE FOR
 UTILITY INFORMATION ONLY

**UTILITY PLAN
 LOCATION 4**
 SCALE: 1" = 50'

U-4

LAST REVISION DATE PLOTTED => 10-MAR-2011
 11-29-10 TIME PLOTTED => 14:59

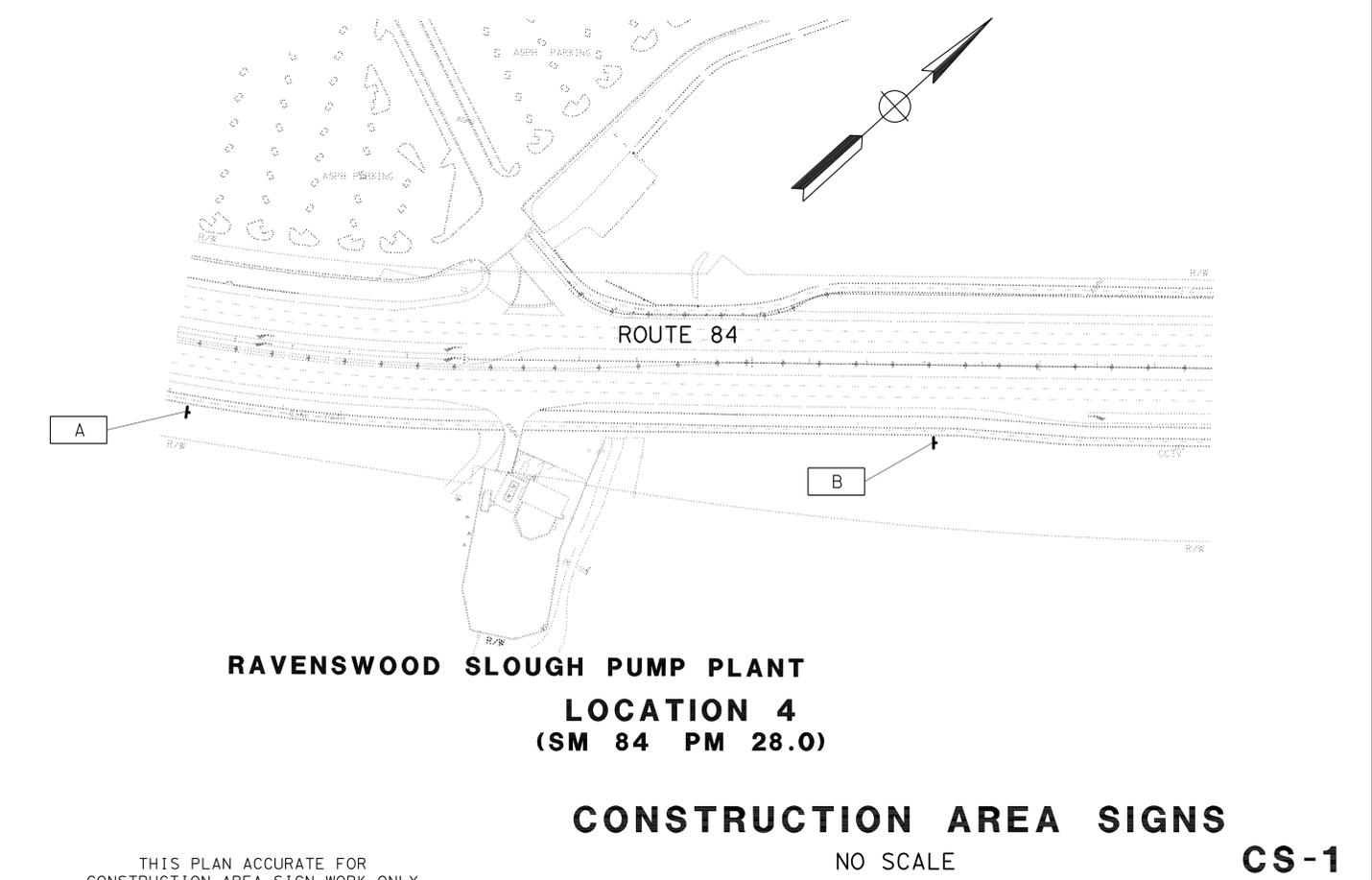
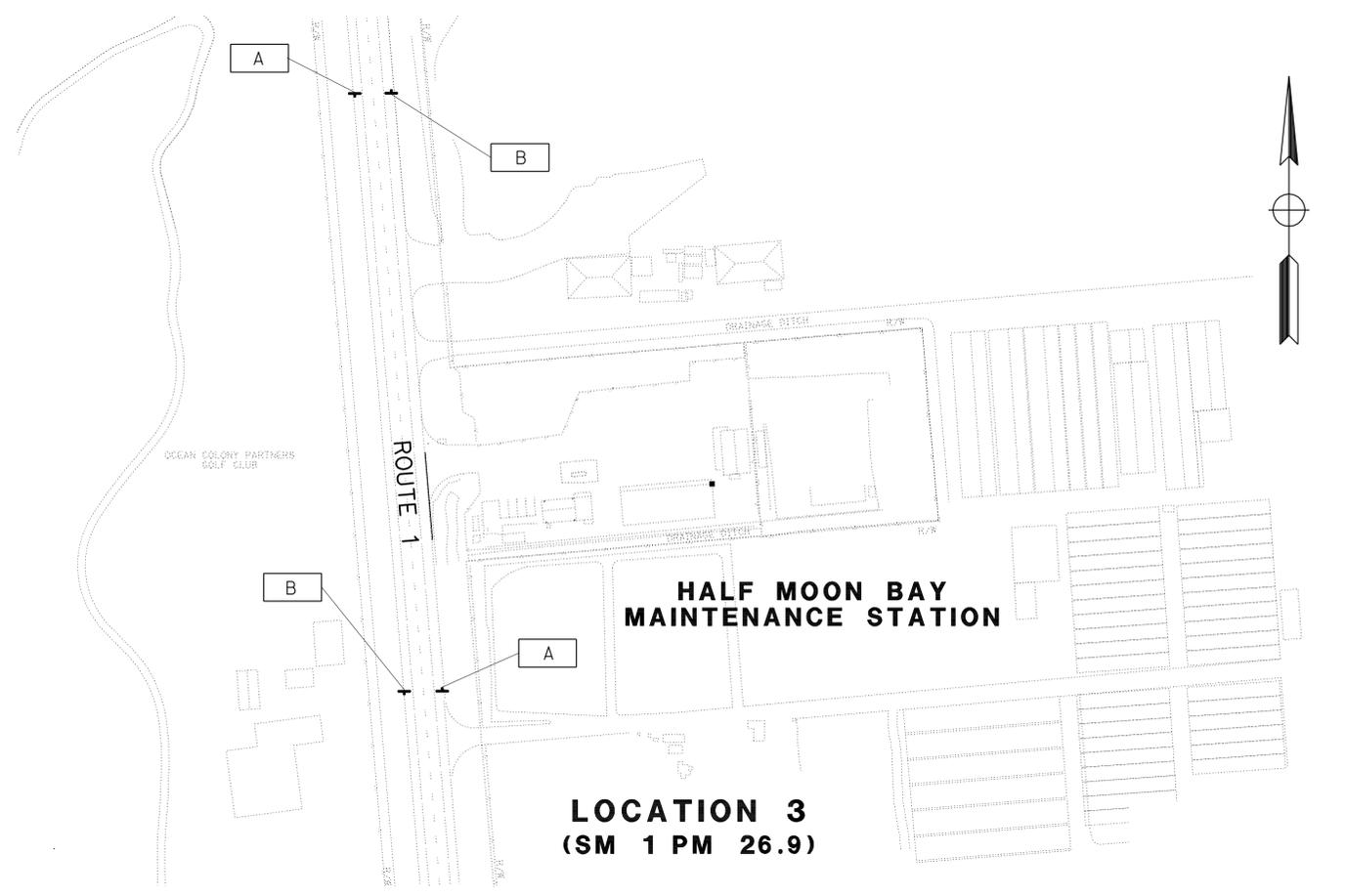
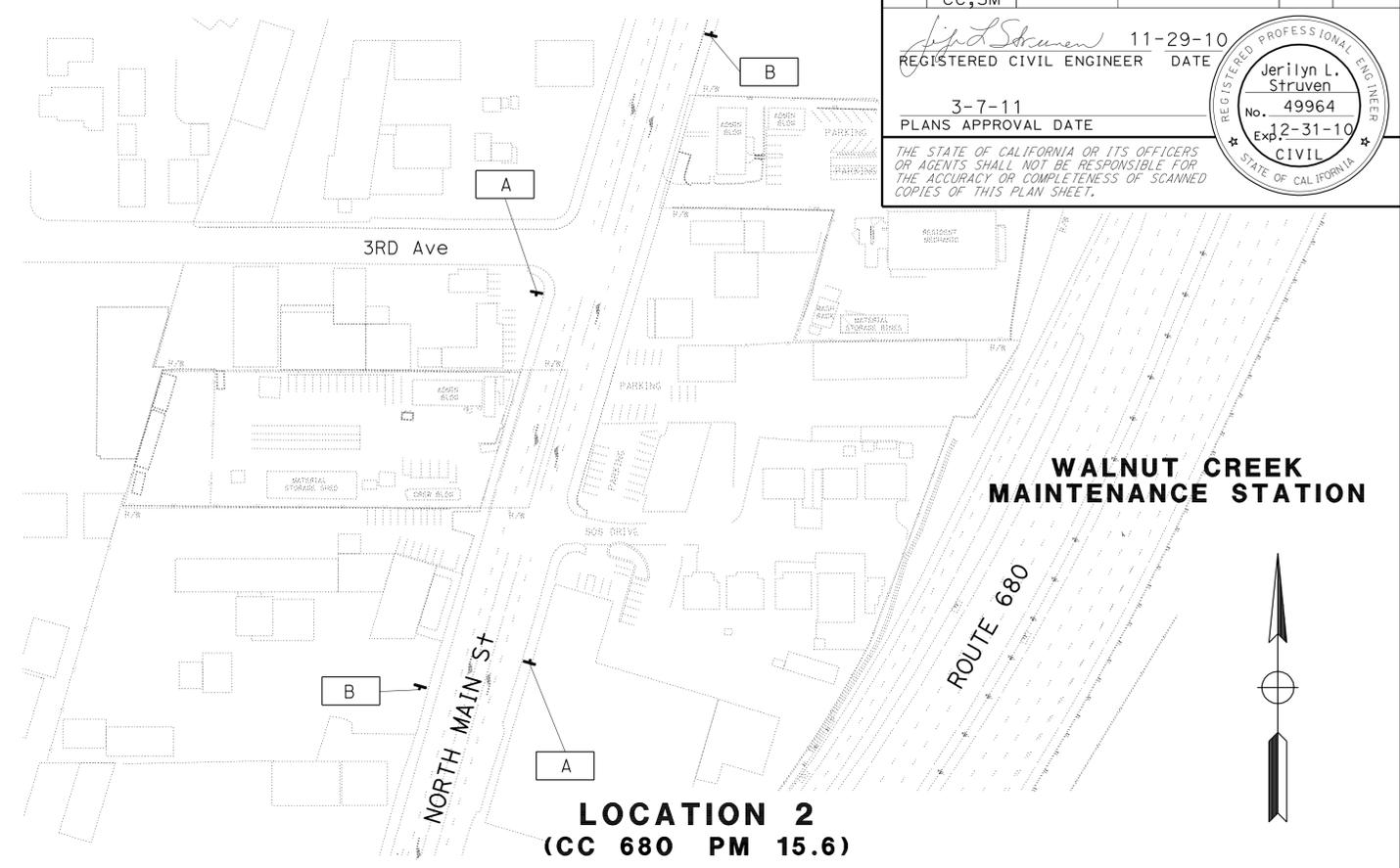
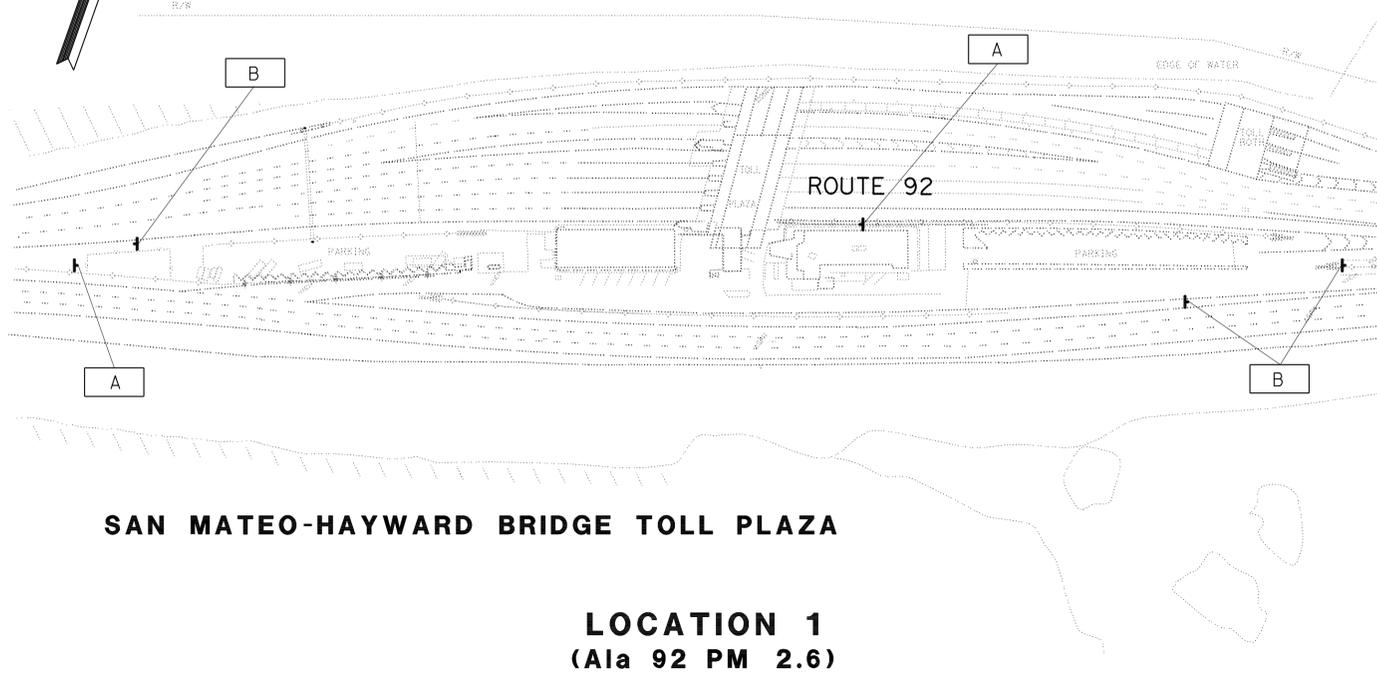
STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	MUTCD CODE	MESSAGE	PANEL SIZE	NUMBER OF POST AND SIZE	QUANTITY (EA)	REMARK
A	W20-1	ROAD WORK AHEAD	48" x 48"	1 - 4" x 6"	7	
B	G20-2	END ROAD WORK	36" x 18"	1 - 4" x 4"	8	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	15	160

Jerilyn L. Struven 11-29-10
 REGISTERED CIVIL ENGINEER DATE
 3-7-11
 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
 Jerilyn L. Struven
 No. 49964
 Exp. 2-31-10
 CIVIL
 STATE OF CALIFORNIA



THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

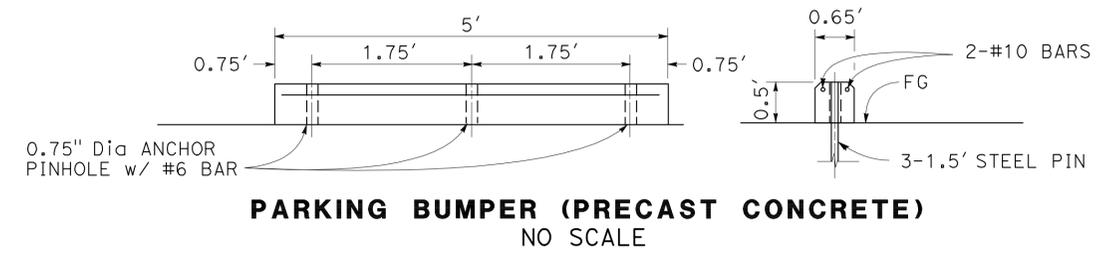
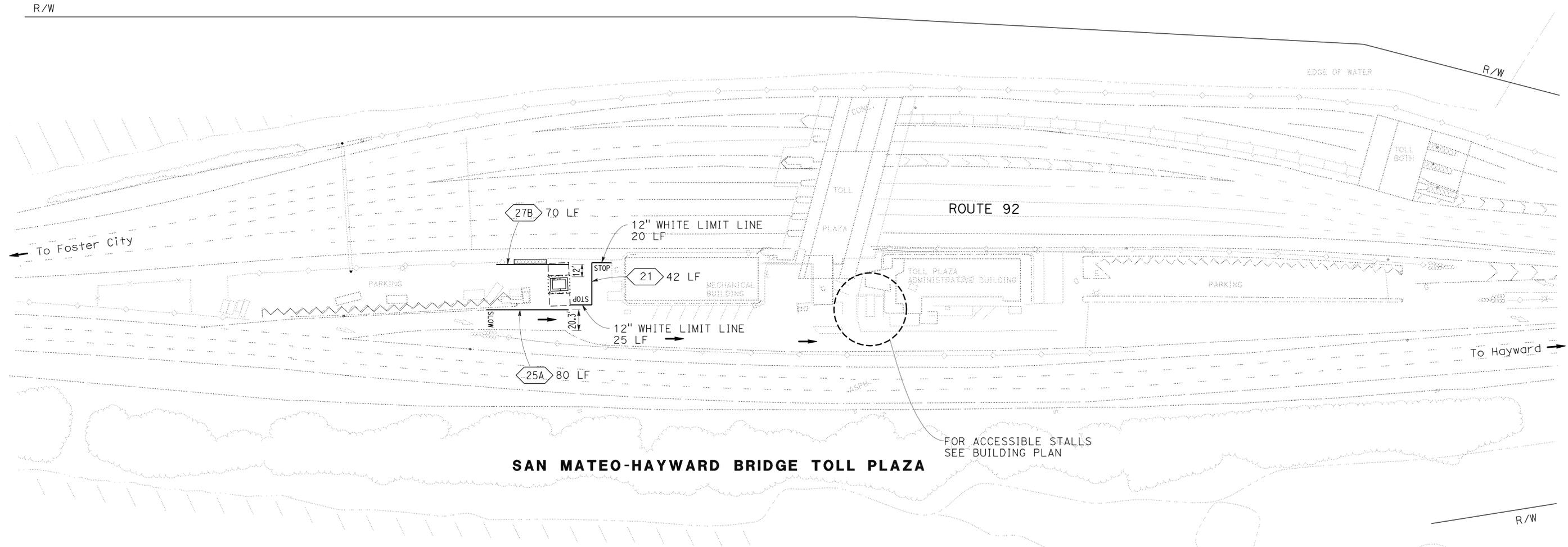
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG
 HENRY TAM
 JERILYN L. STRUVEN
 HT
 4/23/10
 REVISOR BY: DATE REVISED
 CALCULATED/DESIGNED BY: CHECKED BY:

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	16	160
<i>Daniel Chang</i> 11-29-10 REGISTERED CIVIL ENGINEER DATE					
3-7-11				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>					

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



DC	4/23/10	DANIEL CHANG	ARLISSA PANG	ARLISSA PANG	DESIGN
REVISOR	DATE	DESIGNER	CHECKER	FUNCTIONAL SUPERVISOR	DEPARTMENT OF TRANSPORTATION
DC	4/23/10	DANIEL CHANG	ARLISSA PANG	ARLISSA PANG	DESIGN
REVISOR	DATE	DESIGNER	CHECKER	FUNCTIONAL SUPERVISOR	DEPARTMENT OF TRANSPORTATION
DC	4/23/10	DANIEL CHANG	ARLISSA PANG	ARLISSA PANG	DESIGN
REVISOR	DATE	DESIGNER	CHECKER	FUNCTIONAL SUPERVISOR	DEPARTMENT OF TRANSPORTATION



NOTE:
 PARKING STALL BUMPER SHALL BE PROVIDED AND LOCATED
 TO PREVENT ENCROACHMENT OF VEHICLES OVER THE DITCH
 AND THE REQUIRED WIDTH OF WALKWAY.

- LEGEND:**
- TYPE I 18'-0" ARROW
 - PARKING BUMPER
 - PAVEMENT DELINEATION DETAIL NUMBER

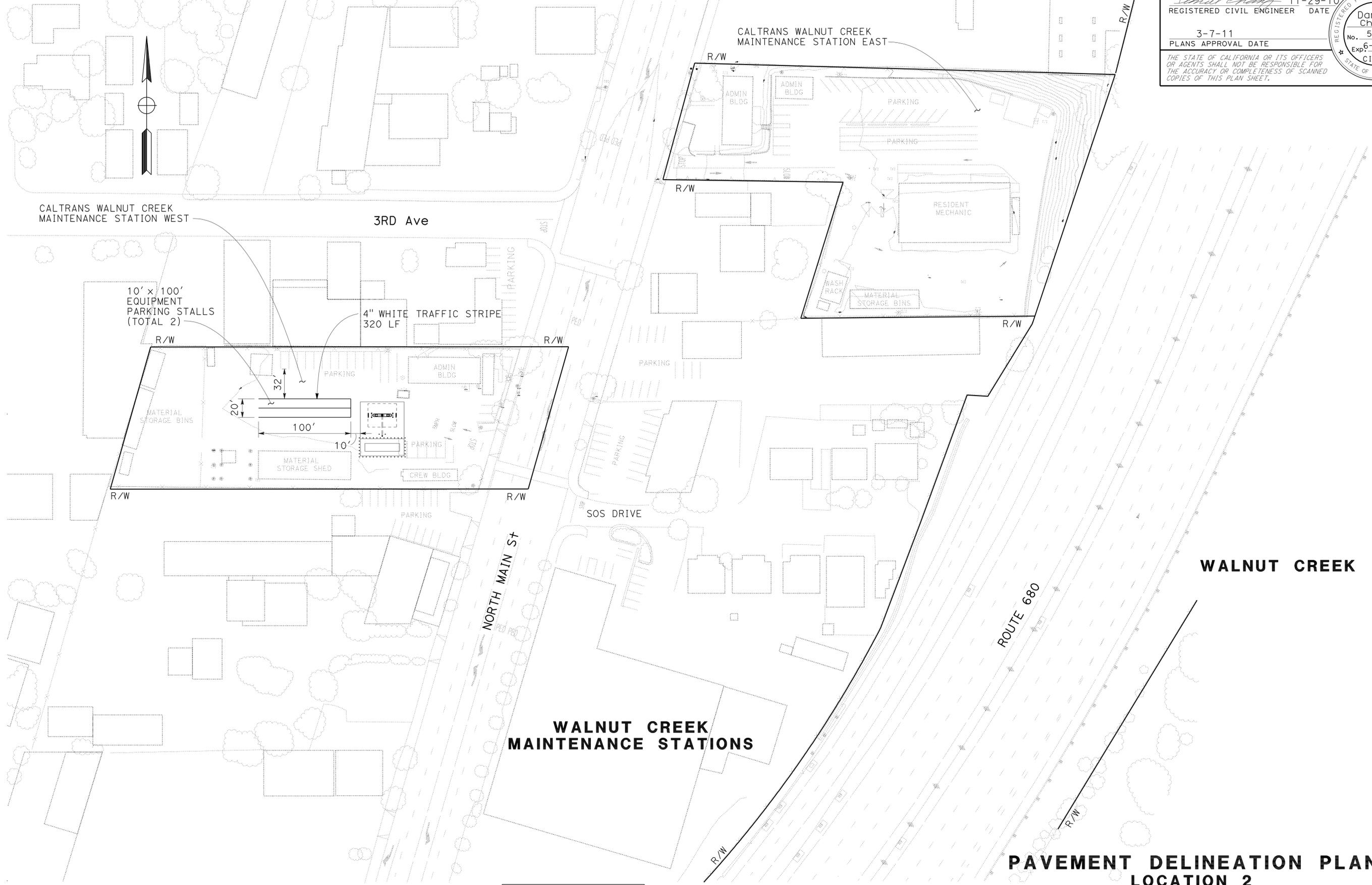
PAVEMENT DELINEATION PLAN
LOCATION 1
 SCALE: 1" = 50' **PD-1**

LAST REVISION DATE PLOTTED => 10-MAR-2011
 11-29-10 TIME PLOTTED => 15:00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: ARLISSA PANG
 CALCULATED/DESIGNED BY: ARLISSA PANG
 CHECKED BY: ARLISSA PANG
 REVISED BY: DANIEL CHANG
 DATE REVISED: 4/23/10
 DC

NOTE:
 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
04	Ala, CC, SM	Var	Var	17	160

11-29-10
 REGISTERED CIVIL ENGINEER DATE
 3-7-11
 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
 Daniel Chang
 No. 56476
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY

**PAVEMENT DELINEATION PLAN
 LOCATION 2**

SCALE: 1" = 50'

PD-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: ARLISSA PANG
 CALCULATED/DESIGNED BY: ARLISSA PANG
 CHECKED BY: DANIEL CHANG
 REVISIONS: DC 4/23/10

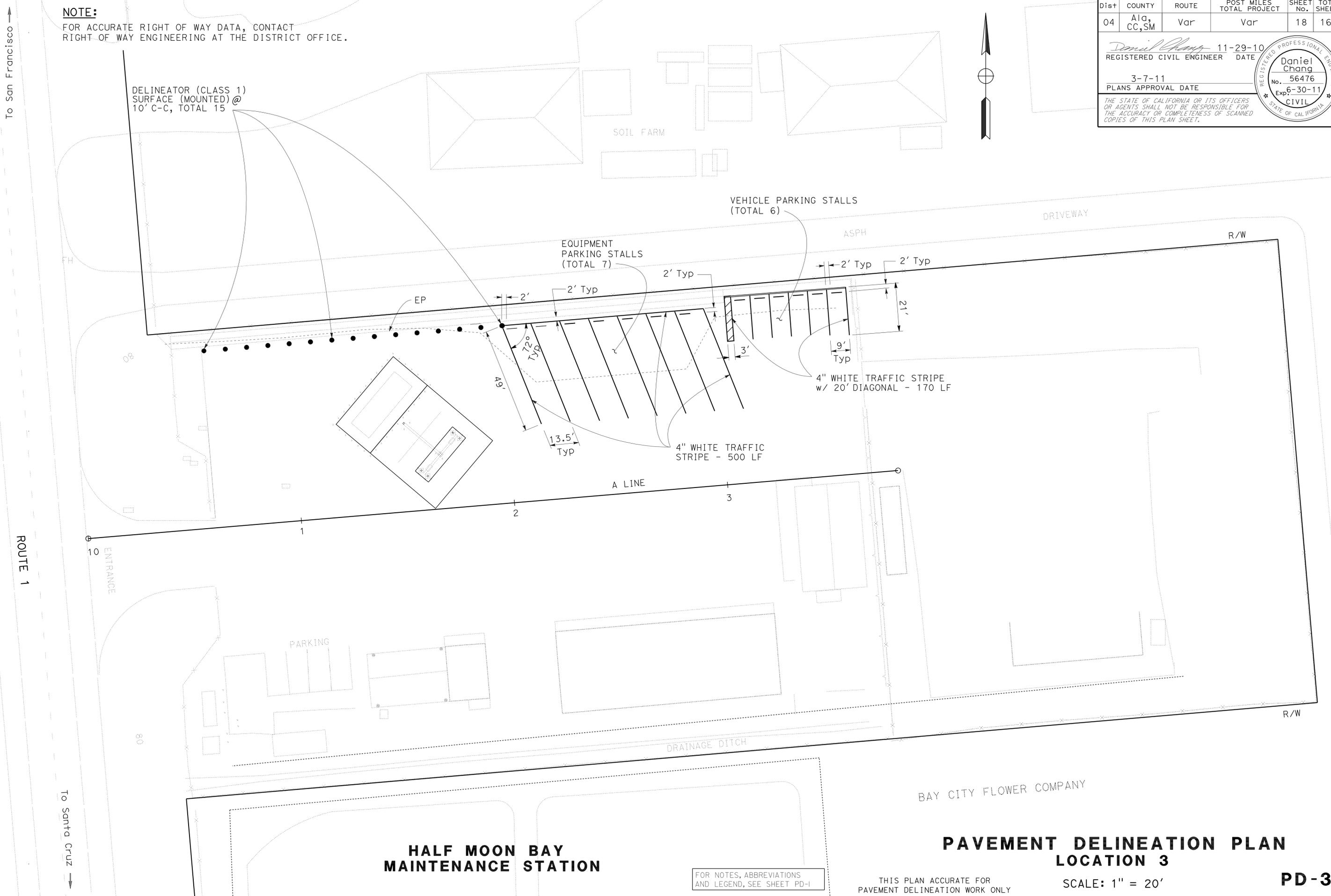
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT-OF-WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	18	160

REGISTERED CIVIL ENGINEER
 Daniel Chang
 No. 56476
 Exp. 6-30-11
 CIVIL

11-29-10
 DATE
 3-7-11
 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.



HALF MOON BAY MAINTENANCE STATION

PAVEMENT DELINEATION PLAN LOCATION 3

PD-3

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY

SCALE: 1" = 20'

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	19	160

Daniel Chang 11-29-10
 REGISTERED CIVIL ENGINEER DATE
 3-7-11
 PLANS APPROVAL DATE

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TRAFFIC STRIPES, PAVEMENT MARKINGS, PAVEMENT MARKERS AND PARKING BUMPER

SHEET No.	LOCATION AND DESCRIPTION	DETAIL No. OR PAVEMENT MARKING	REMOVE PARKING BUMPER	REMOVE PAINTED TRAFFIC STRIPE	REMOVE YELLOW PAINTED TRAFFIC STRIPE	THERMOPLASTIC		DELINEATOR (CLASS 1)	PAVEMENT MARKER (RETROREFLECTIVE)	PARKING BUMPER (PRECAST CONCRETE)	
			EA	LF	SQFT	4" TRAFFIC STRIPE		SURFACE (MOUNTED)			
						PAVEMENT MARKING WHITE	WHITE				YELLOW
PD-1	LOCATION 1 : SAN MATEO-HAYWARD BRIDGE TOLL PLAZA	TYPE I ARROW			90	93					
		DETAIL 21							4		
		DETAIL 25A						80			
		DETAIL 27B						70			
		12" LIMIT LINE SLOW		130		45					
						24					
PD-2	LOCATION 2: WALNUT CREEK MAINTENANCE STATION WEST	4" TRAFFIC STRIPE		500			420				
PD-3	LOCATION 3: HALF MOON BAY MAINTENANCE STATION	4" TRAFFIC STRIPE		560			690				
		DELINEATOR						15		13	
		PARKING BUMPER	5								
SUB-TOTAL			5	1270	90	162	1260	90	15	4	13
TOTAL			5	1270	90	162	1350		15	4	13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR
 ARLISSA PANG
 CALCULATED/DESIGNED BY
 CHECKED BY
 DANIEL CHANG
 ARLISSA PANG
 REVISED BY
 DATE REVISED
 DC
 4/23/10

PAVEMENT DELINEATION QUANTITIES

PDQ-1

LAST REVISION | DATE PLOTTED => 10-MAR-2011
 11-29-10 | TIME PLOTTED => 15:00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	20	160

Daniel Chang 11-29-10
 REGISTERED CIVIL ENGINEER DATE

3-7-11
 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.

ROADWAY QUANTITIES

LOCATION & DESCRIPTION	REMOVE CHAIN LINK		TEMPORARY FENCE (TYPE CL-6)	COLD PLANE ASPHALT PAVEMENT	REMOVE CRASH CUSHION	ROADWAY EXCAVATION	DITCH EXCAVATION	CLASS 3 AGGREGATE BASE	REPLACE ASPHALT CONCRETE SURFACING	HOT MIX ASPHALT (TYPE A)	MINOR CONCRETE (CURB)	ALTERNATIVE CRASH CUSHION SYSTEM	CHAIN LINK FENCE (TYPE CL-6, SLATTED)	12' CHAIN LINK GATE (TYPE CL-6)
	FENCE	GATE												
	LF	EA	LF	SQYD	EA	CY			TON	LF	EA	LF	EA	
LOCATION 1: SAN MATEO-HAYWARD BRIDGE TOLL PLAZA			210		14				37			1		
LOCATION 2:	WALNUT CREEK MAINTENANCE STATION-EAST		200											
	WALNUT CREEK MAINTENANCE STATION-WEST		230	45						2				
LOCATION 3: HALF MOON BAY MAINTENANCE STATION			160	75		420		300		200	160			
LOCATION 4: RAVENSWOOD SLOUGH PUMP PLANT	90	2	100	30		130	18	80		63			132.5	1
TOTAL	90	2	900	150	14	550	18	380	37	265	160	1	132.5	1

CALTRANS UTILITIES

LOCATION & DESCRIPTION	ADJUST WATER VALVE COVER TO GRADE
	EA
LOCATION 3: HALF MOON BAY MAINTENANCE STATION	2
TOTAL	2

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

LOCATION & DESCRIPTION	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY FIBER ROLL	TEMPORARY GRAVEL BAG BERM	TEMPORARY CHECK DAM
	EA	LF	LF	LF
LOCATION 2: WALNUT CREEK MAINTENANCE STATION-WEST	1			
LOCATION 3: HALF MOON BAY MAINTENANCE STATION		150	260	120
TOTAL	1	150	260	120

SUMMARY OF QUANTITIES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: ARLISSA PANG
 CALCULATED/DESIGNED BY: DANIEL CHANG
 CHECKED BY: ARLISSA PANG
 REVISED BY: DC
 DATE REVISED: 4/23/10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE

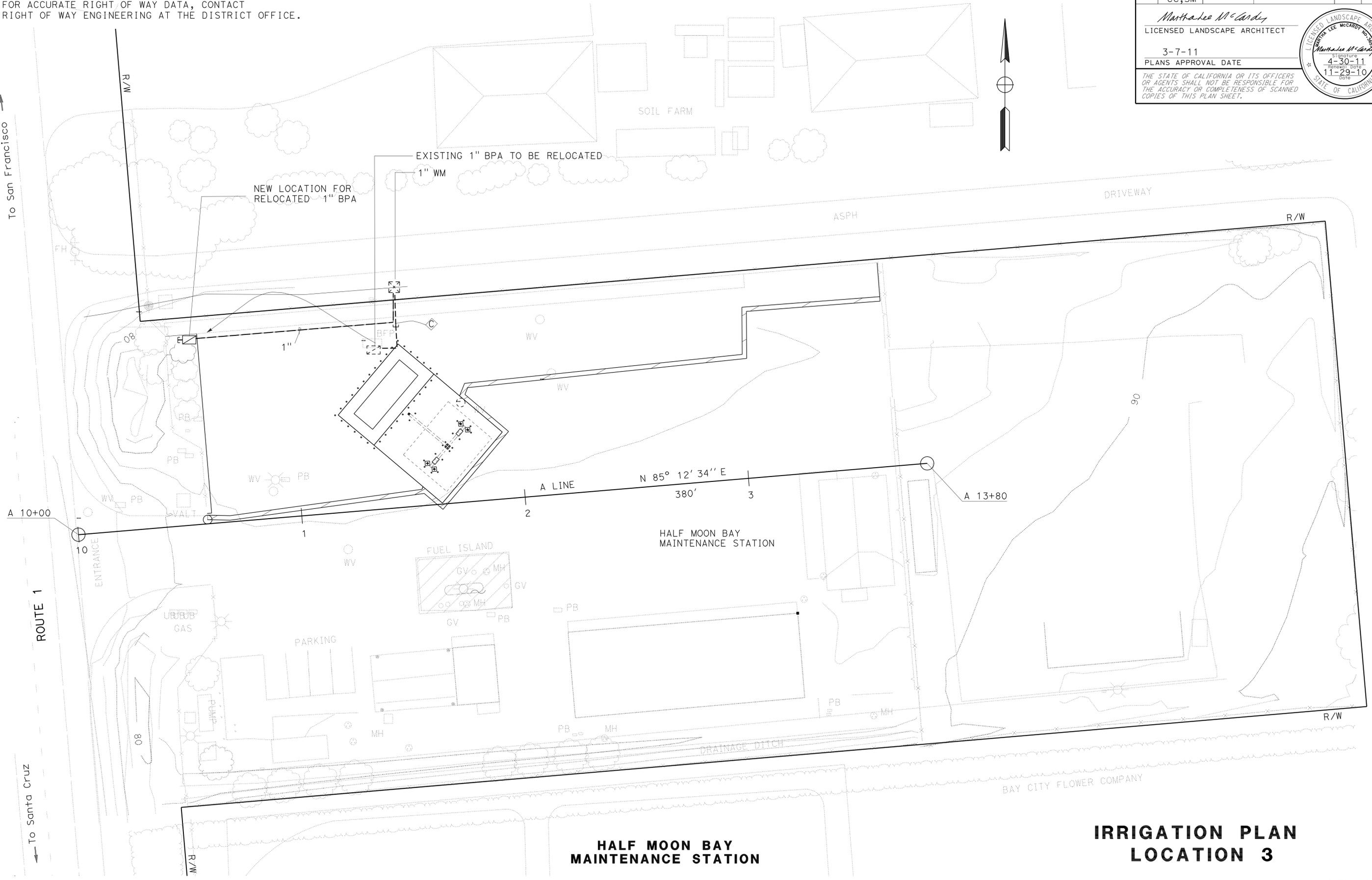
SENIOR LANDSCAPE ARCHITECT: JEANNE GORHAM
 CALCULATED/DESIGNED BY: CHECKED BY:
 MARTH A LEE MCCARDY FELIX ONUKWUGH A
 REVISED BY: DATE REVISED:

NOTE:
 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
04	Ala, CC, SM	Var	Var	21	160

Martha Lee McCurdy
 LICENSED LANDSCAPE ARCHITECT
 3-7-11
 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.



HALF MOON BAY MAINTENANCE STATION

IRRIGATION PLAN LOCATION 3

THIS PLAN ACCURATE FOR IRRIGATION WORK ONLY

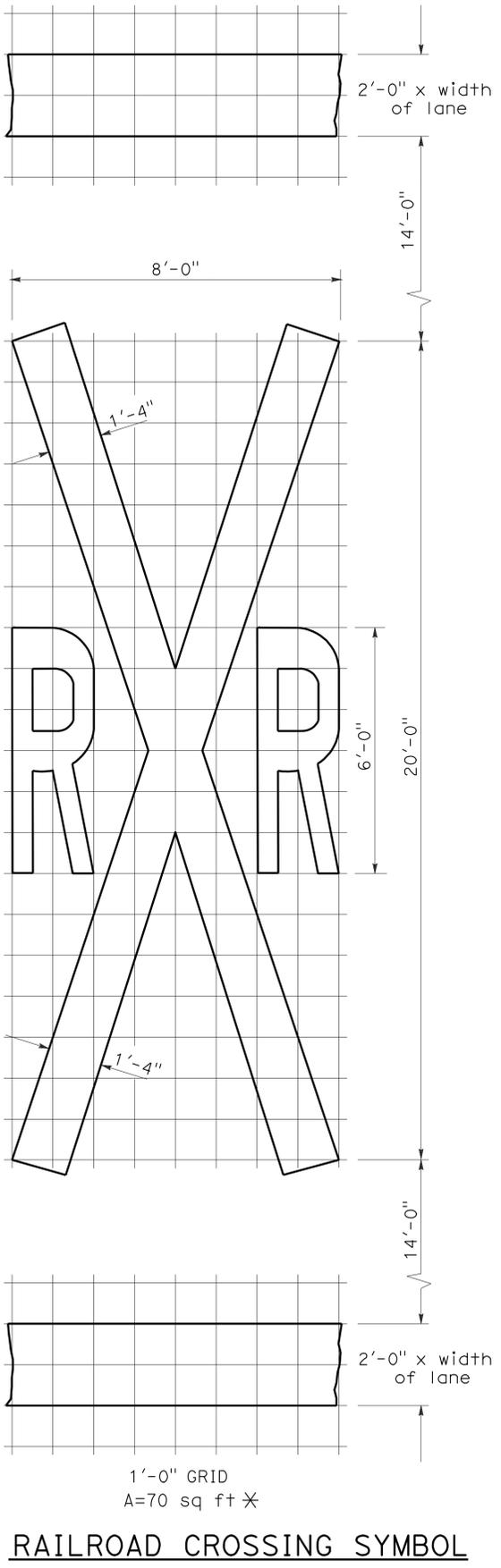
SCALE: 1" = 20'

IP-1

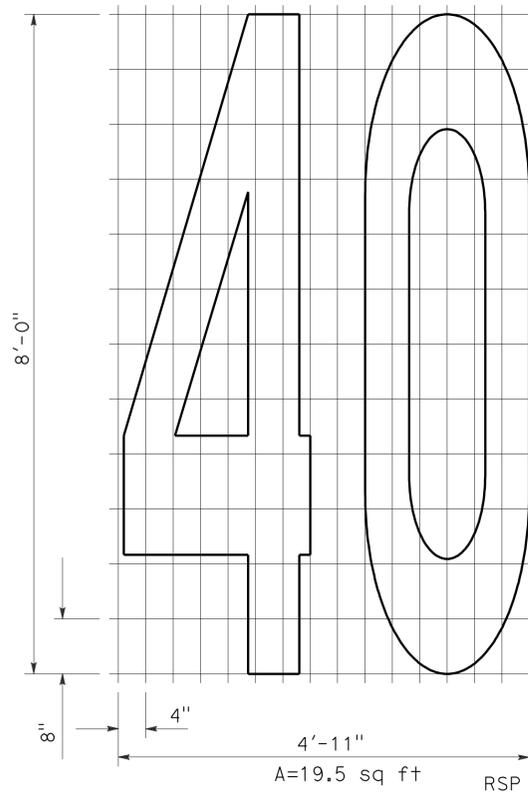
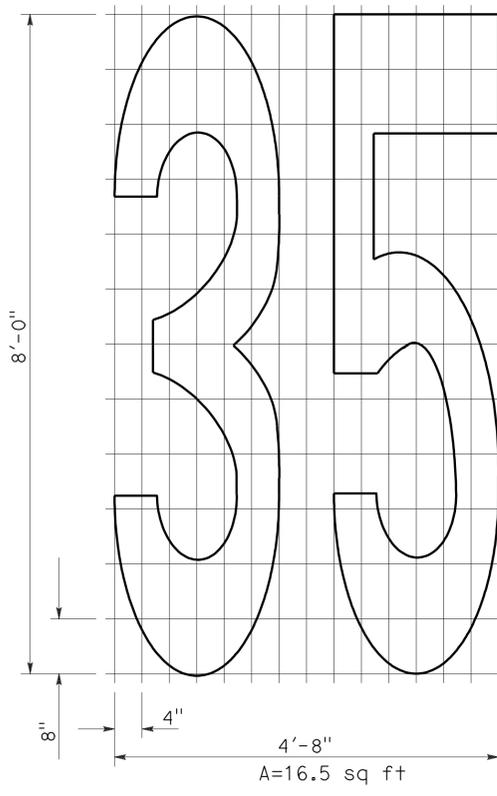
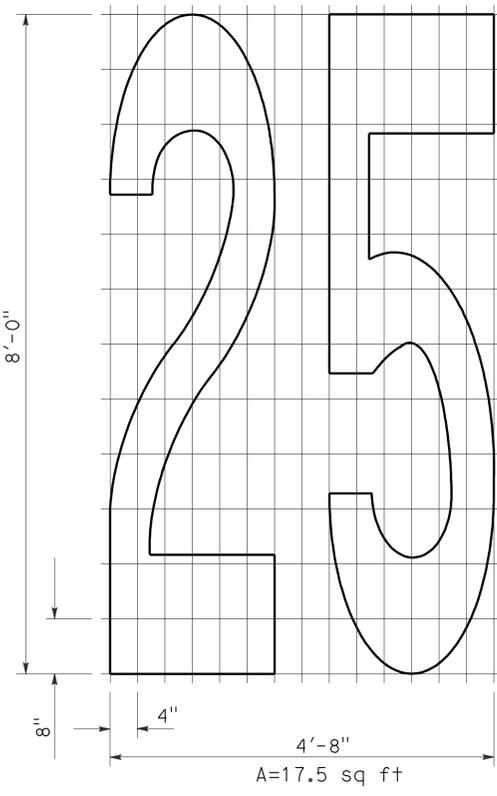
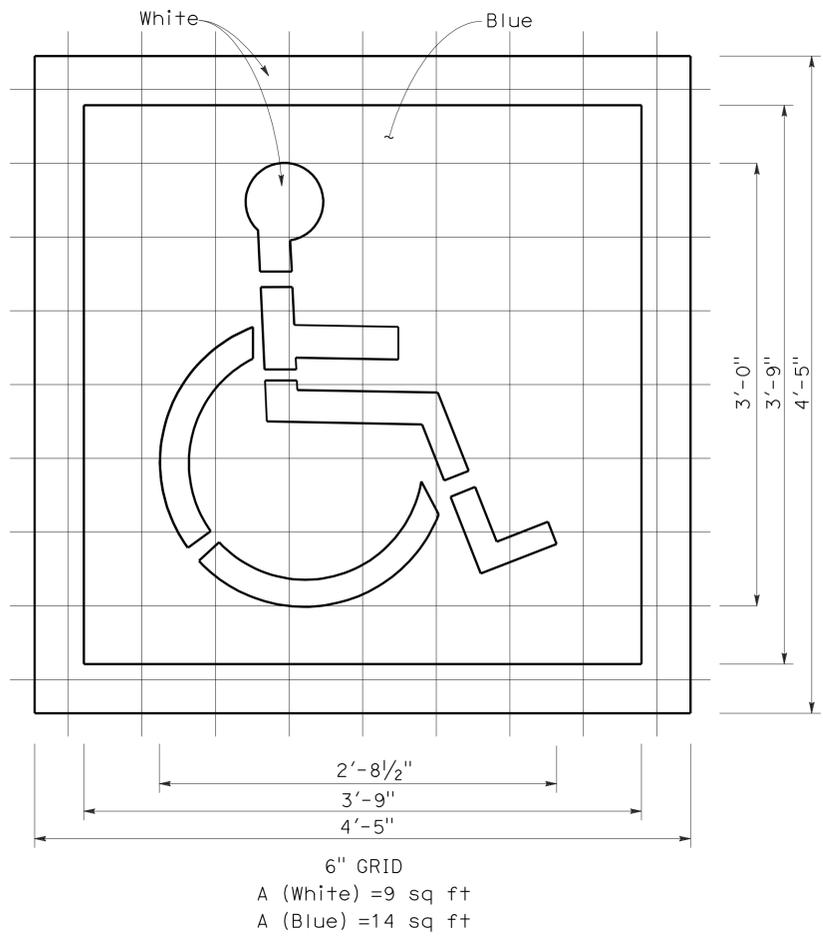
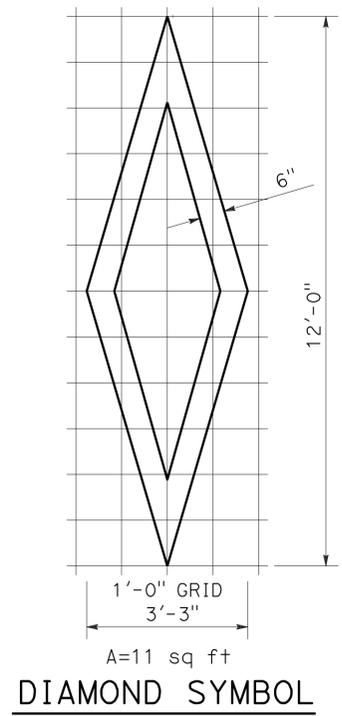
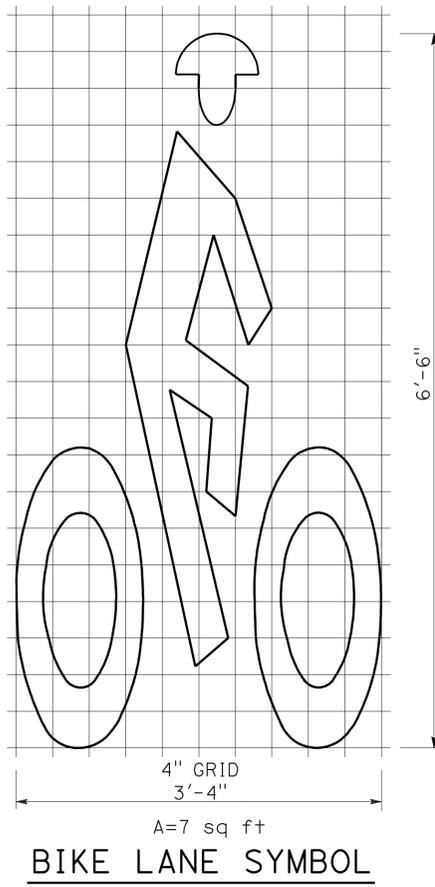
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	22	160

Donald E. Howe
 REGISTERED CIVIL ENGINEER
 June 6, 2008
 PLANS APPROVAL DATE
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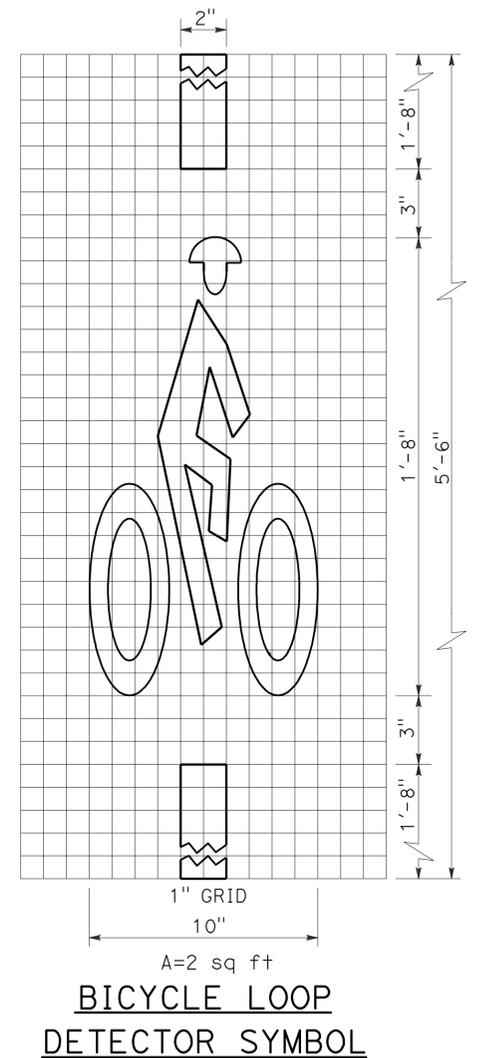
To accompany plans dated 3-7-11



*70 sq ft DOES NOT INCLUDE THE 2'-0" x VARIABLE WIDTH TRANSVERSE LINES.



NUMERALS



NOTE:
1. Minor variations in dimensions may be accepted by the Engineer.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS SYMBOLS AND NUMERALS
NO SCALE

RSP A24C DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN A24C DATED MAY 1, 2006 - PAGE 11 OF THE STANDARD PLANS BOOK DATED MAY 2006.

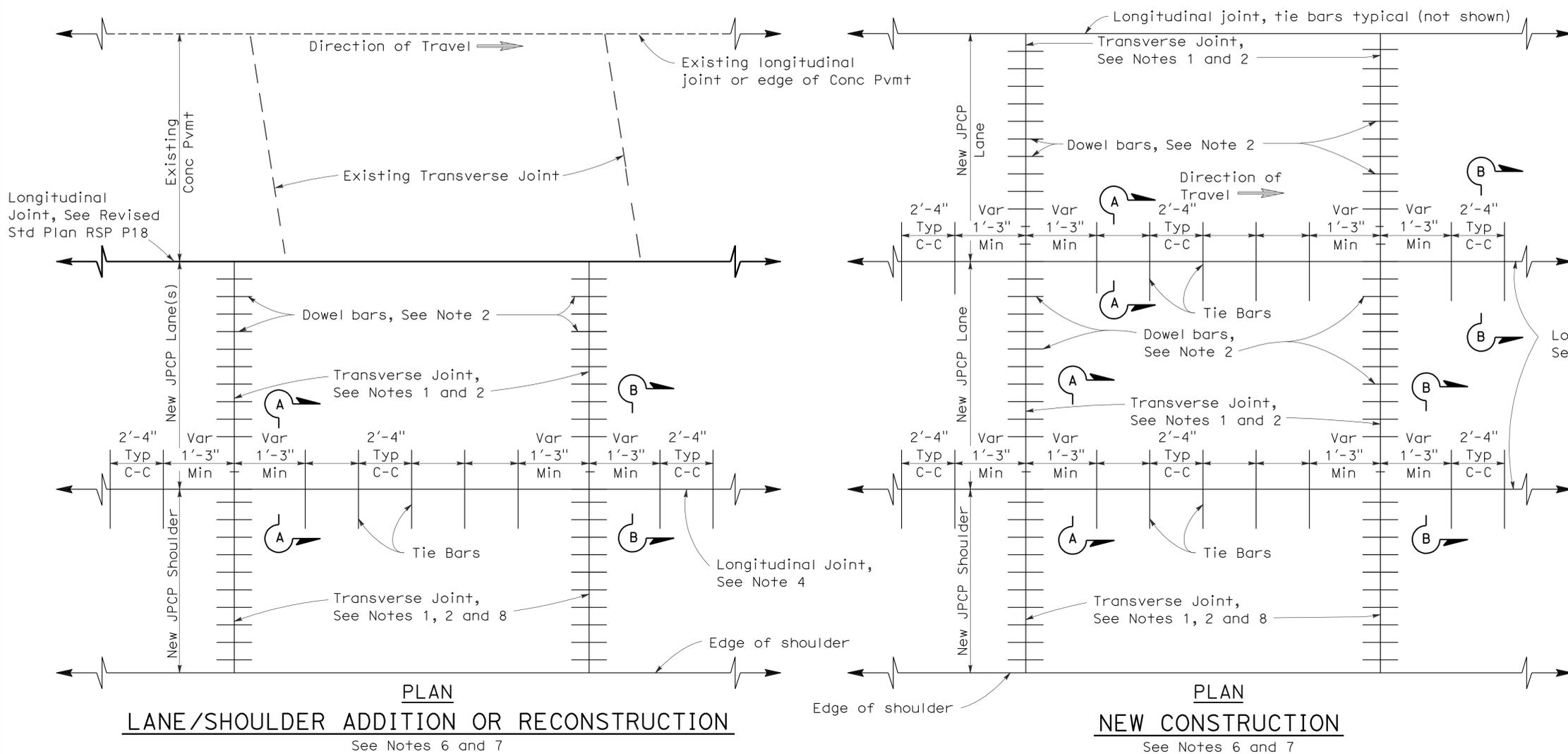
2006 REVISED STANDARD PLAN RSP A24C

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	23	160

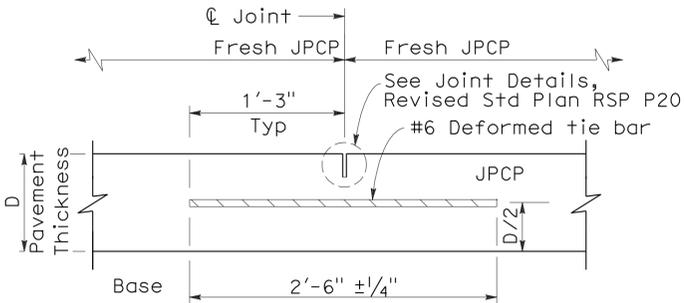
William K. Farnbach
 REGISTERED CIVIL ENGINEER
 May 15, 2009
 PLANS APPROVAL DATE
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2006 REVISED STANDARD PLAN RSP P1

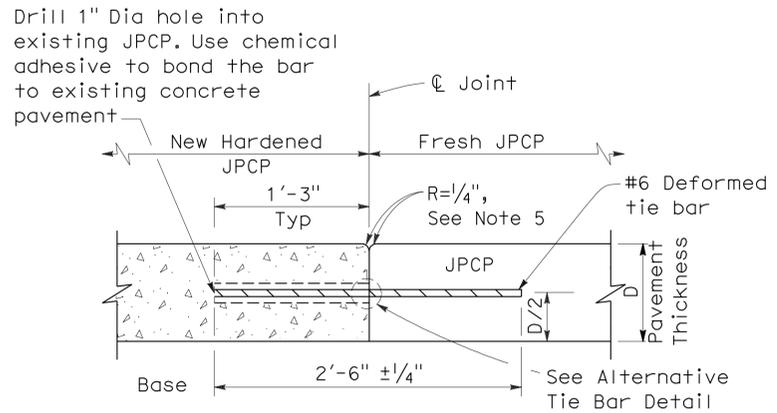
To accompany plans dated 3-7-11



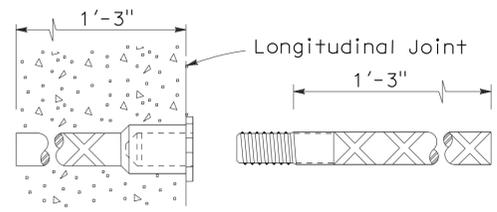
- NOTES:**
1. Transverse joints shall be constructed at right angles to the longitudinal pavement joints in new jointed plain concrete pavement and spaced at successive repeated intervals of 12', 15', 13' and 14'.
 2. For transverse joint and dowel bar details not shown, See Revised Standard Plan RSP P10.
 3. Construct longitudinal contraction joints as shown in Section A-A when more than one lane or shoulder widths are placed at one time. If constructing one lane at a time, use longitudinal construction joint, as shown in Section B-B.
 4. For additional longitudinal joint details, see Revised Standard Plan RSP P18.
 5. If fresh concrete is placed adjacent to existing concrete, the top corner of the new hardened concrete does not need to be rounded to the 1/4" radius as shown.
 6. Joint spacing patterns do not apply to intersections.
 7. Details can also apply to inside widening.
 8. Dowel bars may be omitted from shoulders when the shoulder cross slope is not the same as the adjacent traffic lane.



SECTION A-A
LONGITUDINAL CONTRACTION JOINT



SECTION B-B
LONGITUDINAL CONSTRUCTION JOINT



ALTERNATIVE TIE BAR SPLICE DETAIL
(Splice Coupler)

TIE BAR DETAILS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
JOINTED PLAIN CONCRETE PAVEMENT

NO SCALE

RSP P1 DATED MAY 15, 2009 SUPERSEDES STANDARD PLAN P1
DATED MAY 1, 2006 - PAGE 119 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP P1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	24	160

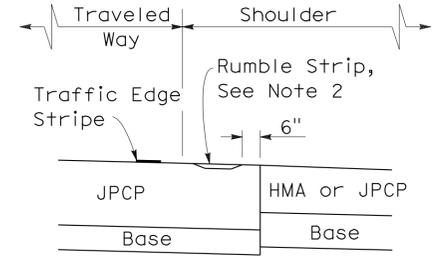
William K. Farnbach
 REGISTERED CIVIL ENGINEER
 June 5, 2009
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 William K. Farnbach
 No. C49042
 Exp. 9-30-10
 CIVIL
 STATE OF CALIFORNIA

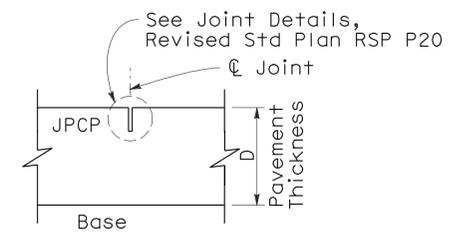
To accompany plans dated 3-7-11

NOTES:

1. Transverse joints shall be constructed at right angles to the longitudinal pavement joints in new Jointed Plain Concrete Pavement and spaced at successive repeated intervals of 12', 15', 13' and 14'.
2. For locations of rumble strips, see project plans. For rumble strip details not shown, see Standard Plans A40A and A40B.
3. Joint spacing patterns do not apply to intersections.



DETAIL "A"



**SECTION C-C
TRANSVERSE/LONGITUDINAL JOINT**
(no dowel bars/tie bars)

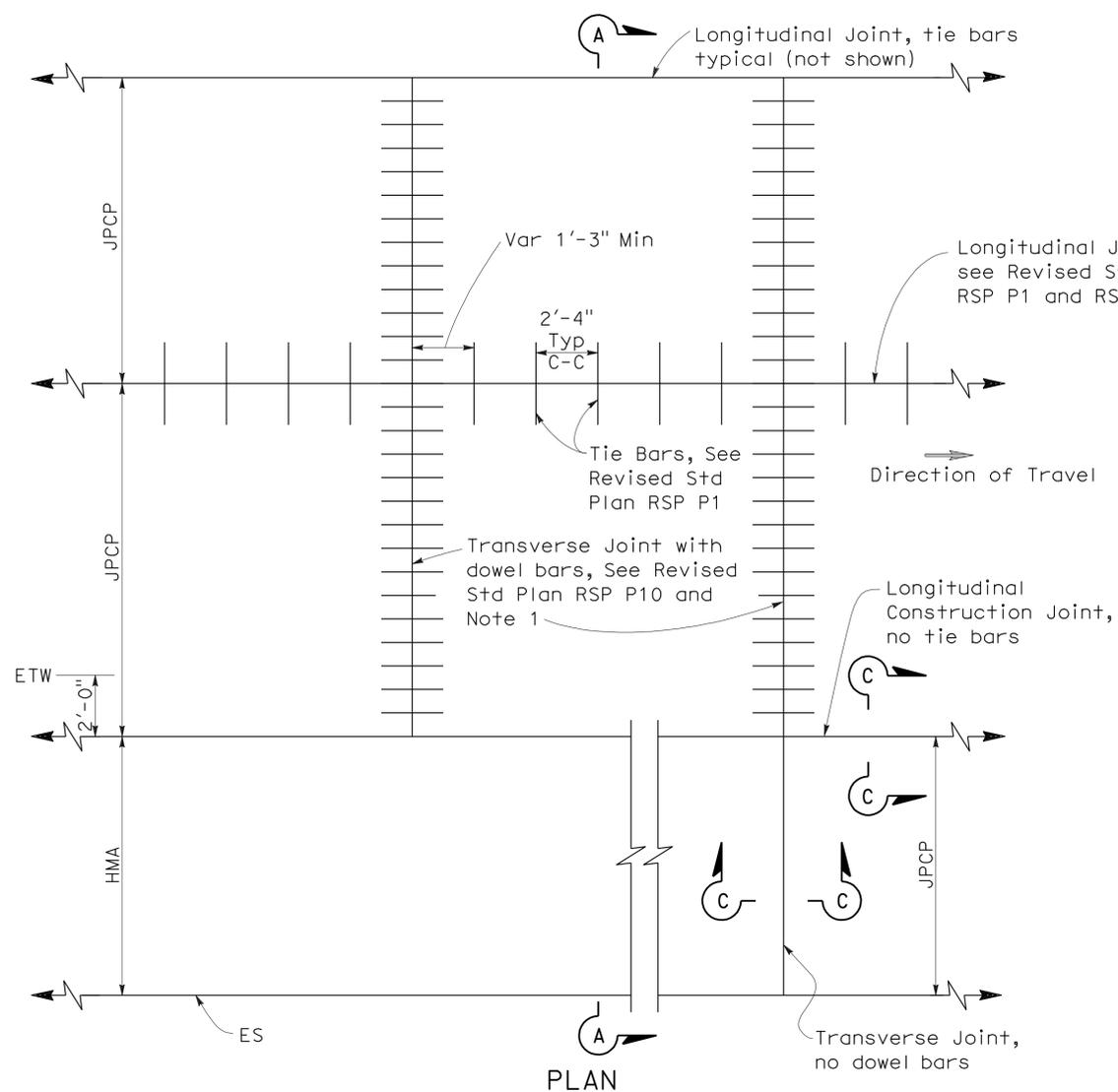
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**JOINTED PLAIN CONCRETE
PAVEMENT-WIDENED SLAB DETAILS**

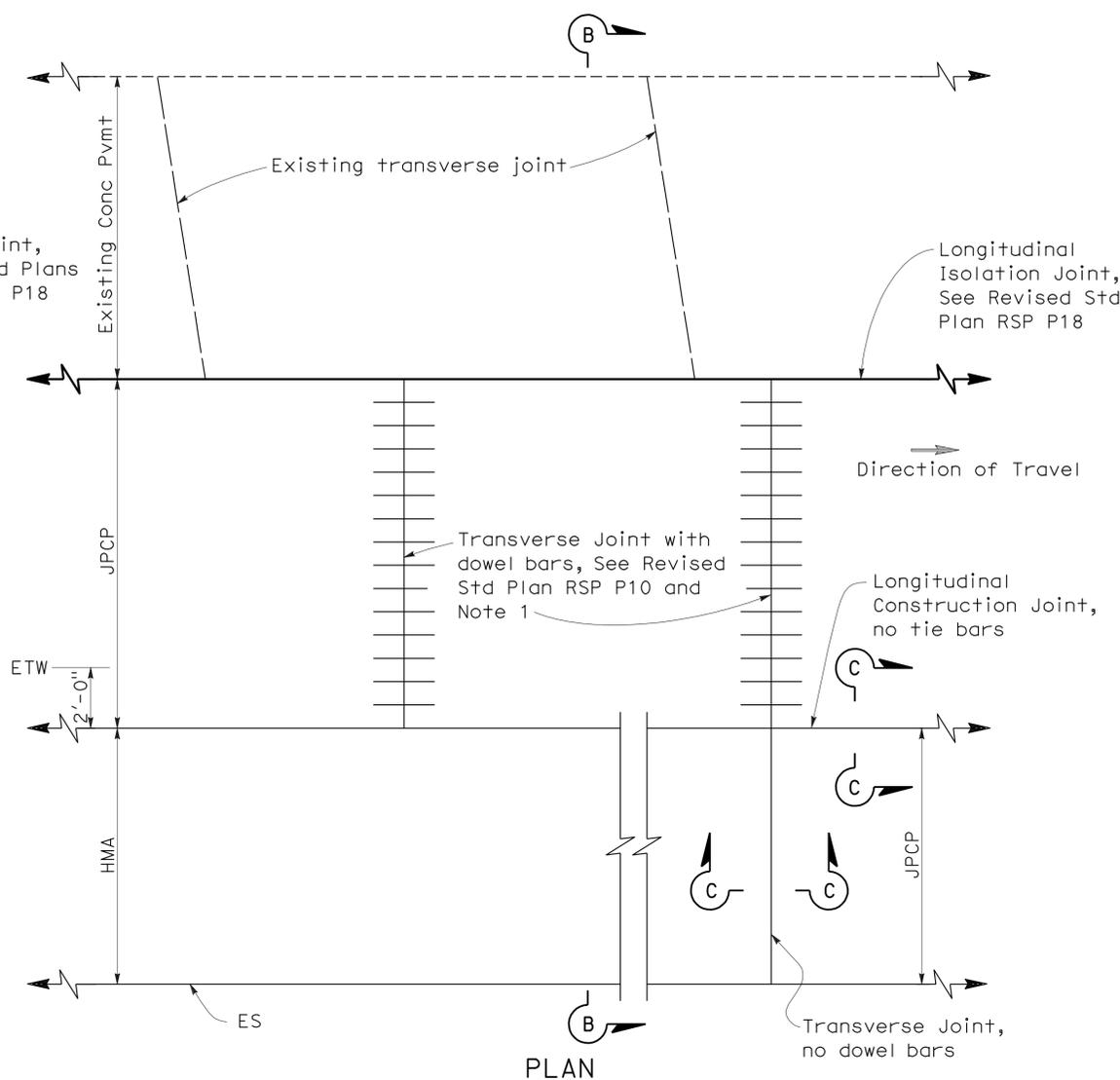
NO SCALE

RSP P2 DATED JUNE 5, 2009 SUPERCEDES STANDARD PLAN P2
DATED MAY 1, 2006 - PAGE 120 OF THE STANDARD PLANS BOOK DATED MAY 2006.

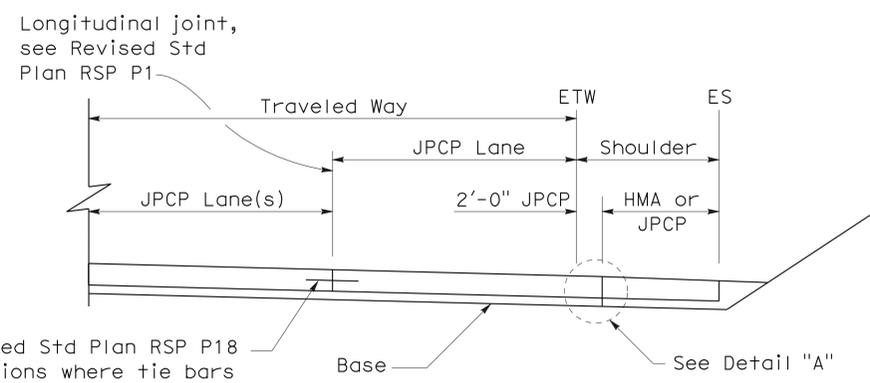
REVISED STANDARD PLAN RSP P2



**PLAN
NEW CONSTRUCTION**



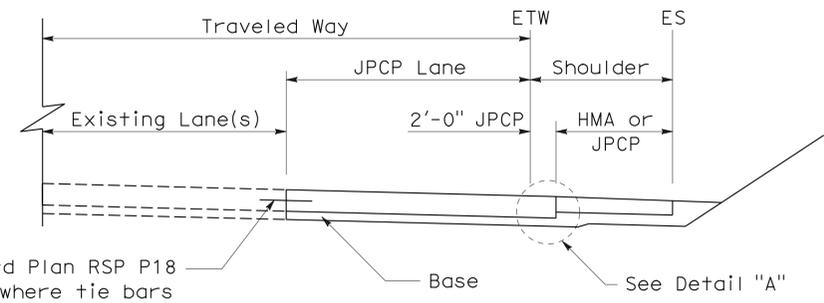
**PLAN
LANE/SHOULDER ADDITION OR RECONSTRUCTION**



SECTION A-A

See Revised Std Plan RSP P18 for locations where tie bars are used at longitudinal joint

See Detail "A"



SECTION B-B

See Revised Std Plan RSP P18 for locations where tie bars are used at longitudinal joint

See Detail "A"

2006 REVISED STANDARD PLAN RSP P2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	25	160

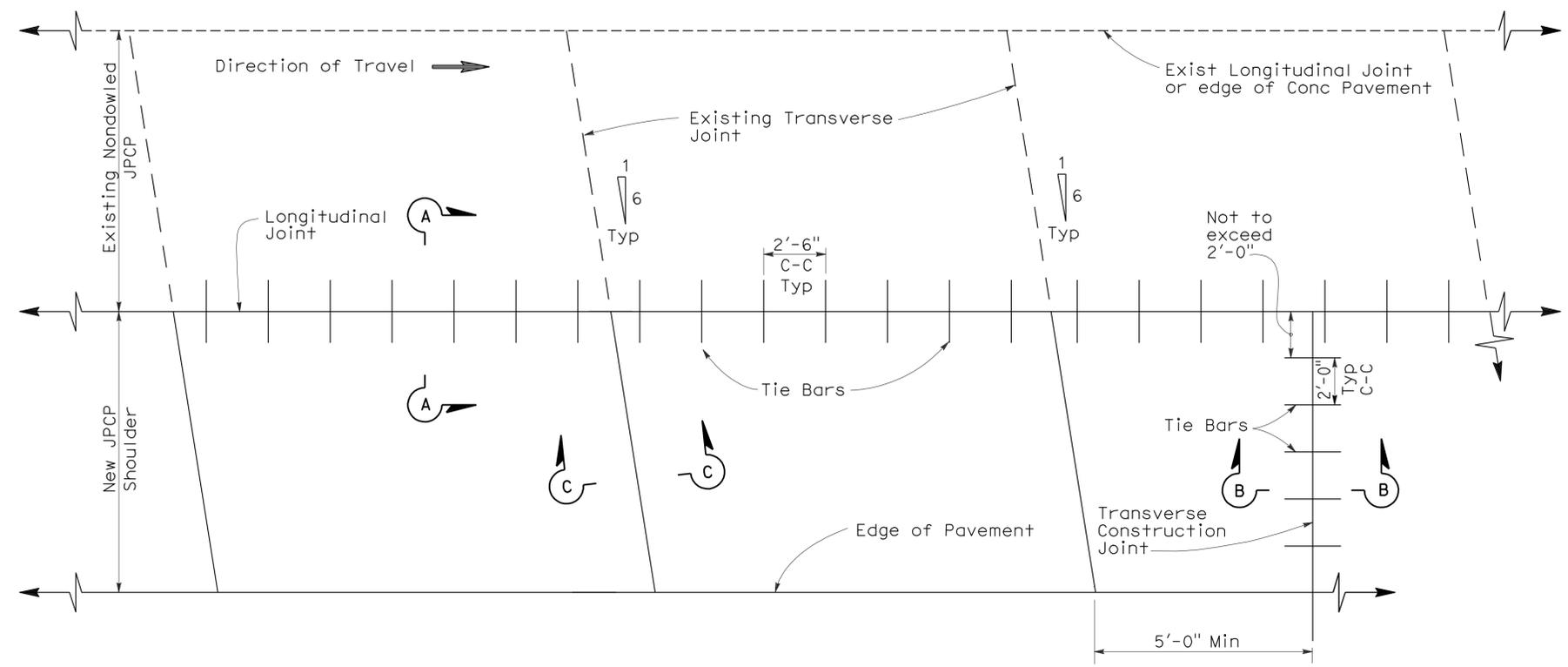
William K. Farnbach
 REGISTERED CIVIL ENGINEER
 No. C49042
 Exp. 9-30-10
 STATE OF CALIFORNIA

May 15, 2009
 PLANS APPROVAL DATE

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To accompany plans dated 3-7-11

2006 REVISED STANDARD PLAN RSP P3



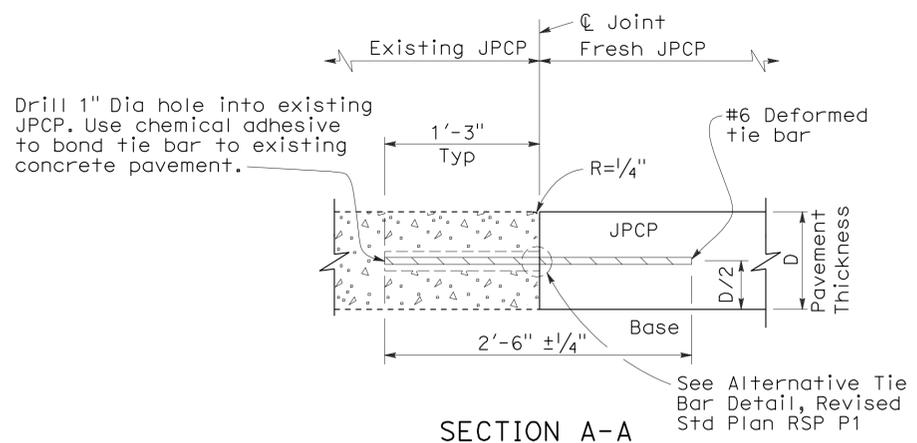
PLAN

NOTES:

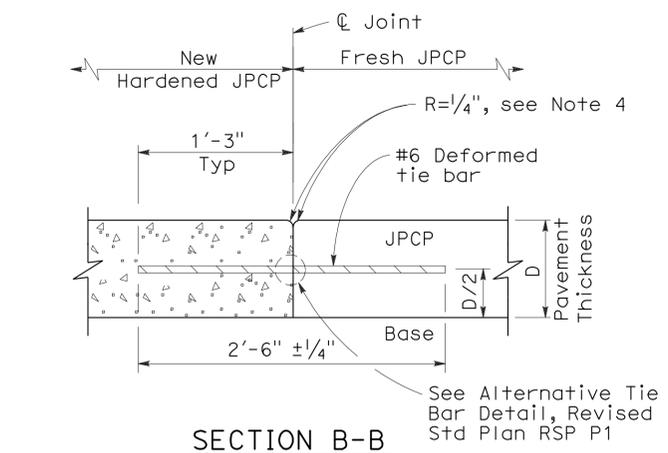
1. New transverse contraction joints shall match the skewed offset and spacing of the adjacent existing contraction joints, as shown.
2. Transverse construction joints, with tie bars spaced as shown, shall be installed at the end of paving operations. Transverse construction joints shall be placed at least 5'-0" from any contraction joint.
3. This Standard Plan only applicable for constructing a nondoweled Jointed Plain Concrete Pavement shoulder next to existing nondoweled Jointed Plain Concrete Pavement lane.
4. If fresh concrete is placed adjacent to existing concrete, the top corner of the new hardened concrete does not need to be rounded to the 1/4" radius as shown.

TABLE A

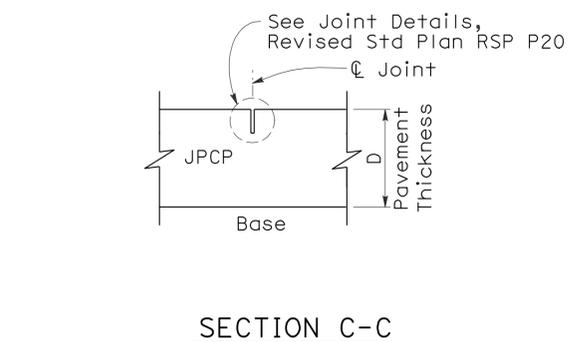
Tie Bar Spacing		
Slab Length	Total Tie Bars per Slab	Clearance Tie Bar to Transverse Joint
9'-0"	3	1'-3"
9'-6"	3	1'-4 1/2"
12'-0"	5	1'-4"
13'-0"	5	1'-10"
14'-0"	5	2'-3 3/4"
15'-0"	6	1'-8"



SECTION A-A
LONGITUDINAL JOINT
(Between fresh and hardened concrete)



SECTION B-B
TRANSVERSE CONSTRUCTION JOINT



SECTION C-C
TRANSVERSE CONTRACTION JOINT

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

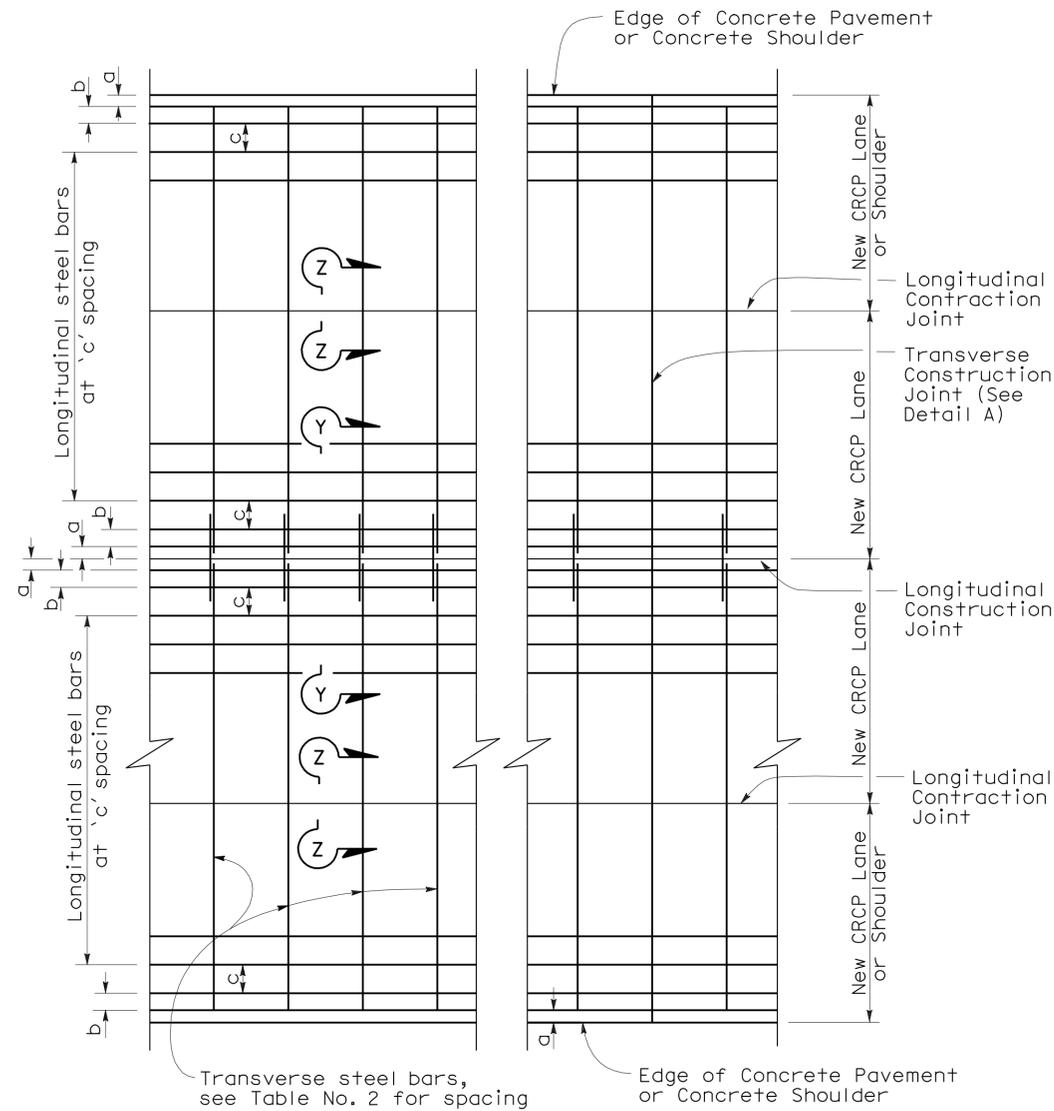
JOINTED PLAIN CONCRETE PAVEMENT-NONDOWELED SHOULDER ADDITION/RECONSTRUCTION

NO SCALE

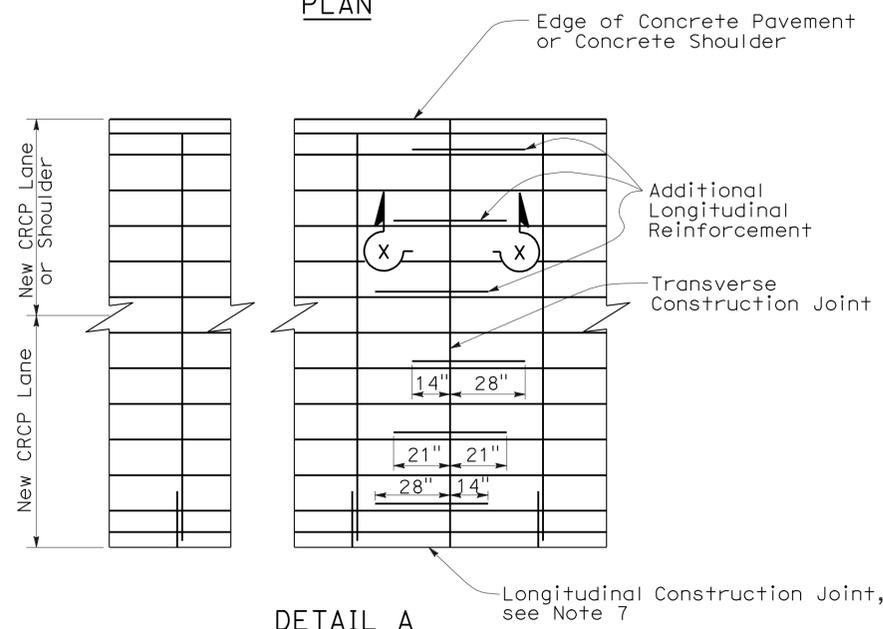
RSP P3 DATED MAY 15, 2009 SUPERSEDES RSP P3 DATED NOVEMBER 17, 2006 AND STANDARD PLAN P3 DATED MAY 1, 2006 - PAGE 121 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP P3

2006 REVISED NEW STANDARD PLAN RNSP P4



PLAN



DETAIL A

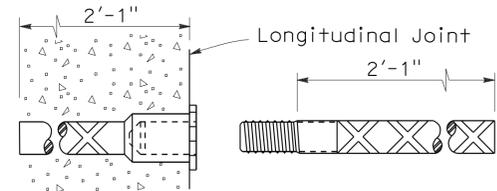
ADDITIONAL LONGITUDINAL REINFORCEMENT AT TRANSVERSE CONSTRUCTION JOINT

TABLE No. 1 LONGITUDINAL STEEL

Slab Thickness and Bar Size	First Spacing at Edge or Joint	Second Spacing from Edge or Joint	Regular Steel Bars	Additional Reinforcement at Transverse Construction Joint	Clr		
D	Bar Size	Spacing a	Spacing b	Spacing c	Spacing $2 \times c$	Length L	X
.80'	#6	3" TO 4"	3" TO 8"	8"	16"	42"	4"
.85'	#6	3" TO 4"	3" TO 7"	7"	14"	42"	4"
.90'	#6	3" TO 4"	3" TO 6.5"	6.5"	13"	42"	4"
.95'	#6	3" TO 4"	3" TO 6"	6.5"	13"	42"	4"
1.00'	#6	3" TO 4"	3" TO 6"	6"	12"	42"	4.25"
1.05'	#6	3" TO 4"	3" TO 5.5"	6"	12"	42"	4.5"
1.10'	#6	3" TO 4"	3" TO 5.5"	5.5"	11"	42"	4.75"

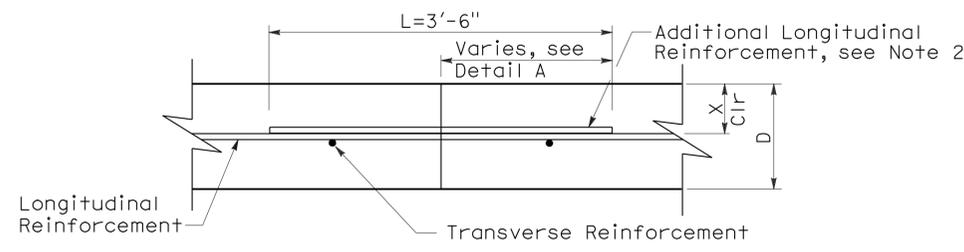
TABLE No. 2 TRANSVERSE STEEL

Slab Thickness and Bar Size	Pvmt Width (From Edge of Conc Pvmt or Conc Shld to Nearest Edge of Conc Pvmt or Conc Shld)							
	$\leq 48'$	$\leq 60'$	$\leq 72'$	$\leq 84'$	$\leq 96'$	$\leq 108'$	$\leq 120'$	
D	Bar Size	Spacing	Spacing	Spacing	Spacing	Spacing	Spacing	Spacing
.80'	#6	3'	3'	3'	2.5'	2'	2'	1.5'
.85'	#6	3'	3'	2.5'	2.5'	2'	1.5'	1.5'
.90'	#6	3'	2.5'	2.5'	2'	2'	1.5'	1.5'
.95'	#6	3'	2.5'	2'	2'	1.5'	1.5'	1'
1.00'	#6	3'	2.5'	2'	2'	1.5'	1.5'	1'
1.05'	#6	2.5'	2.5'	2'	1.5'	1.5'	1.5'	1'
1.10'	#6	2.5'	2.5'	2'	1.5'	1.5'	1.5'	1'



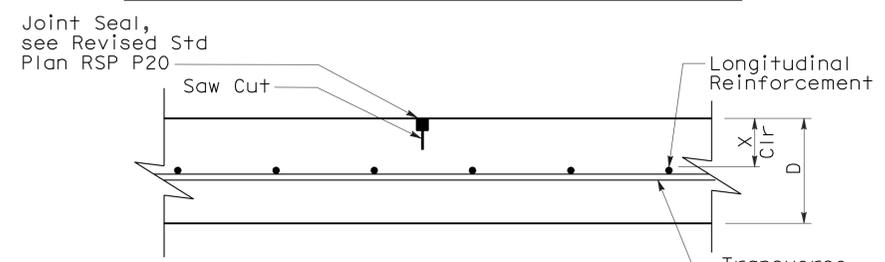
TIE BAR SPLICE DETAIL

(Splice Coupler)



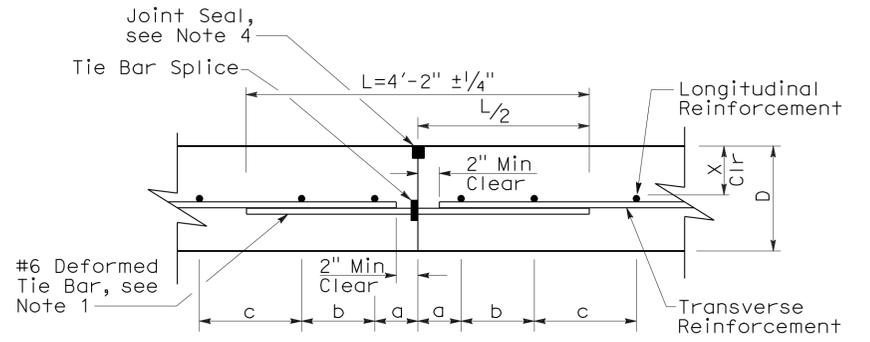
SECTION X-X

TRANSVERSE CONSTRUCTION JOINT

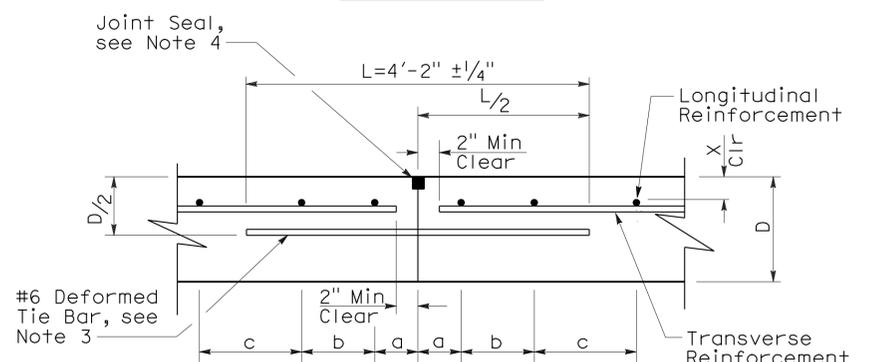


SECTION Z-Z

LONGITUDINAL CONTRACTION JOINT



SECTION Y-Y



ALTERNATE

LONGITUDINAL CONSTRUCTION JOINT

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**CONTINUOUSLY REINFORCED
CONCRETE PAVEMENT**
NO SCALE

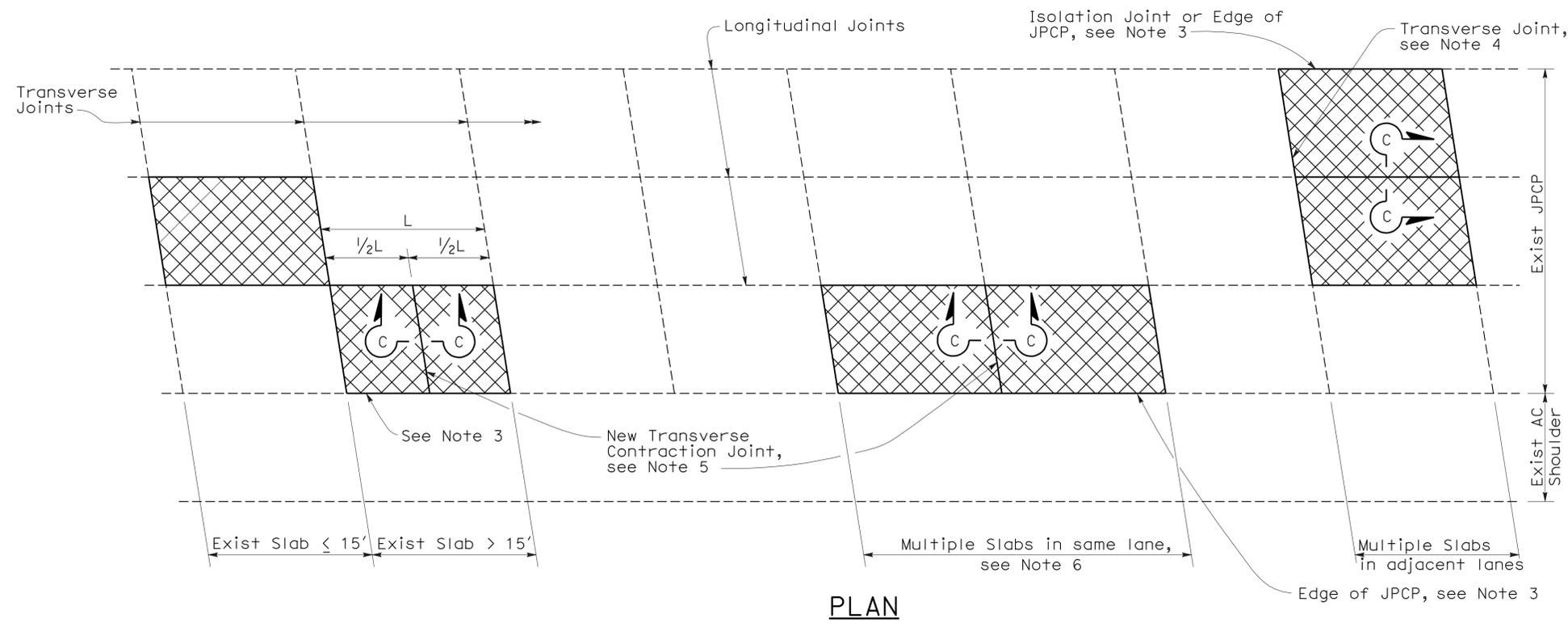
RNSP P4 DATED JUNE 5, 2009 SUPERSEDES NSP P4 DATED MAY 15, 2009 THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	27	160

William K. Farnbach
 REGISTERED CIVIL ENGINEER
 May 15, 2009
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 William K. Farnbach
 No. C49042
 Exp. 9-30-10
 CIVIL
 STATE OF CALIFORNIA

To accompany plans dated 3-7-11

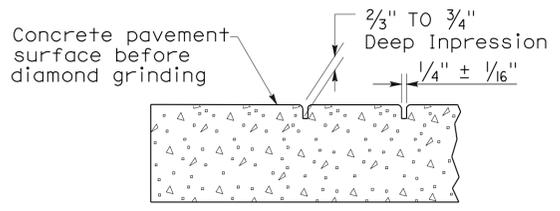
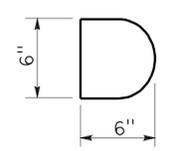
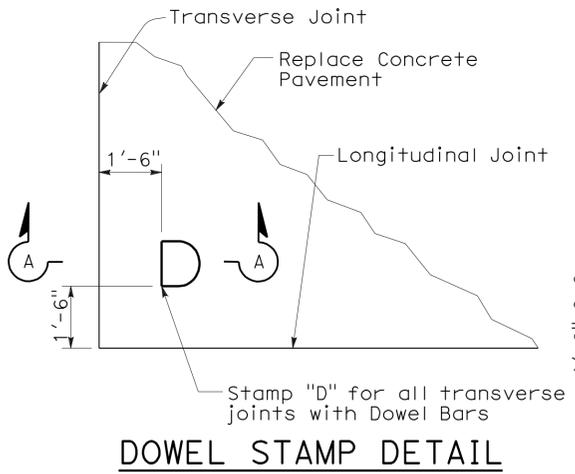


PLAN

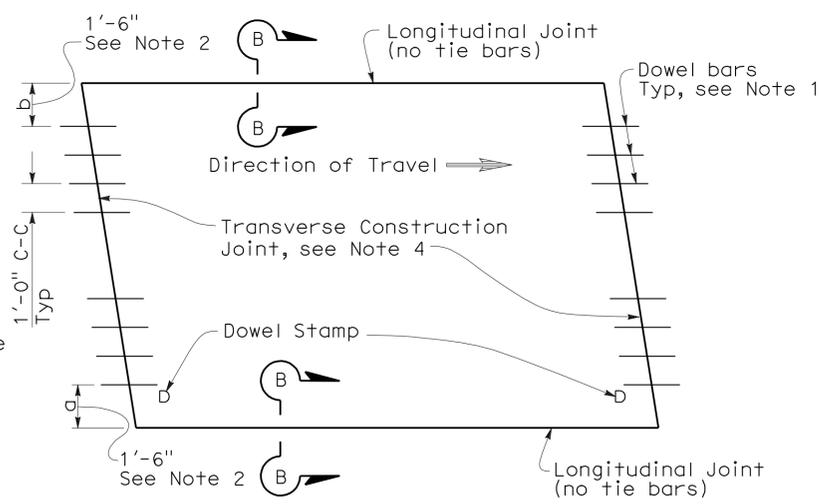
NOTES:

- For details not shown, see Revised Standard Plan RSP P10.
- Where the existing outer shoulder pavement is asphalt concrete pavement, the "a" dimension shall be 1'-0" and the "b" dimension shall be 2'-0".
- Side forms shall be used where edge of pavement is adjacent to asphalt concrete.
- For detail, see Transverse Construction Joint for existing concrete pavement detail on Revised Standard Plan RSP P10.
- Transverse joint to match skew of existing joint. Omit dowel bars.
- This Standard Plan only applicable when replacing multiple slabs in the same lane is less than 100'.

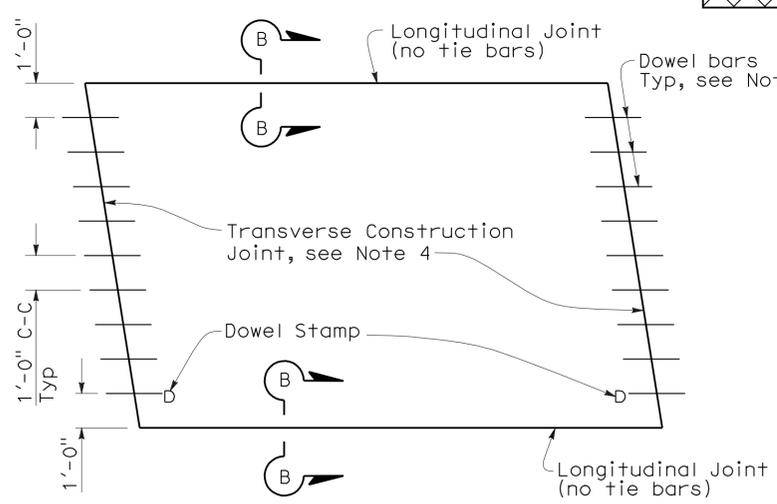
LEGEND



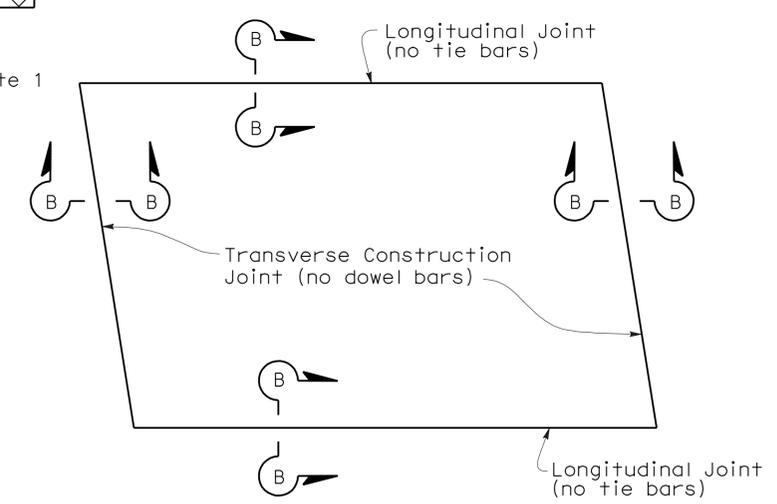
SECTION A-A



TYPE I
(traffic lane lines match longitudinal joints)

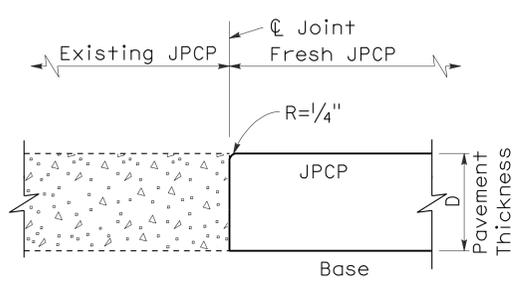


TYPE II
(traffic lane lines do not match longitudinal joints)

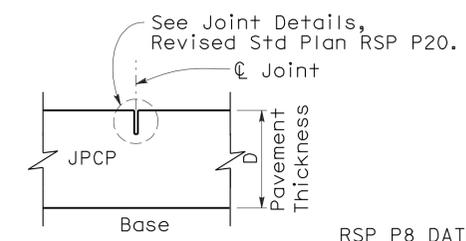


TYPE III
(for short term repairs < 5 yrs design life or for slab replacements with a cracking and seating operation)

SLAB LAYOUT



SECTION B-B



SECTION C-C

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

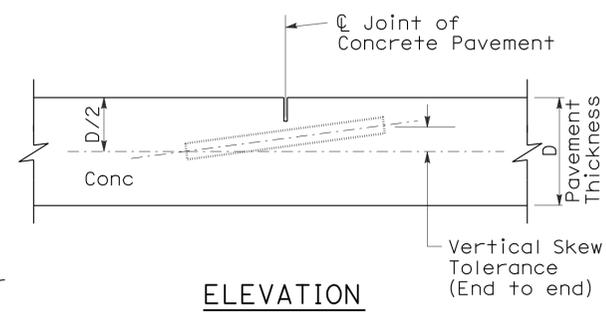
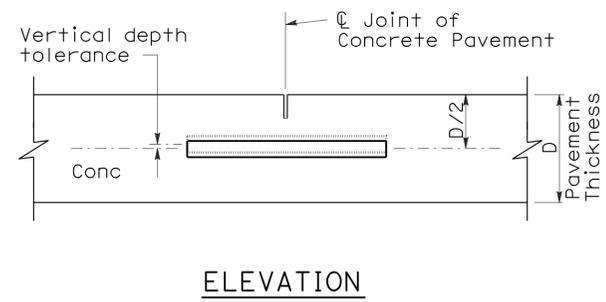
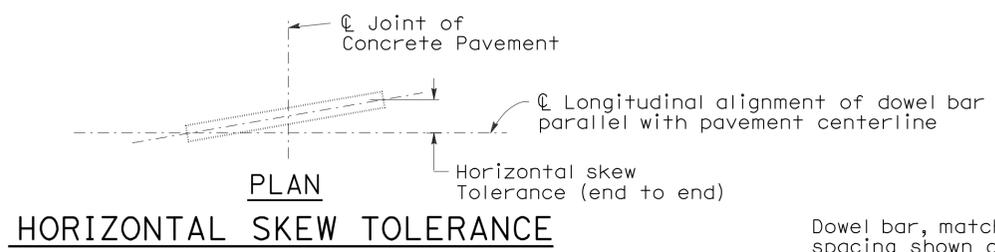
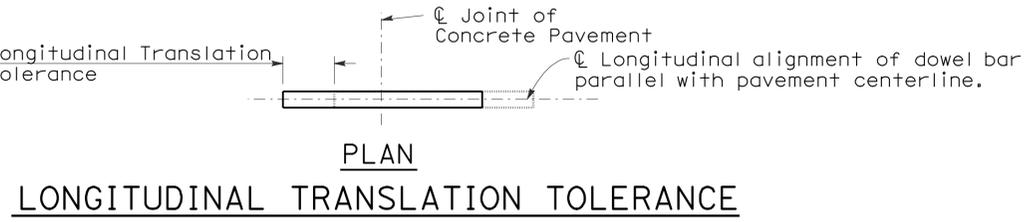
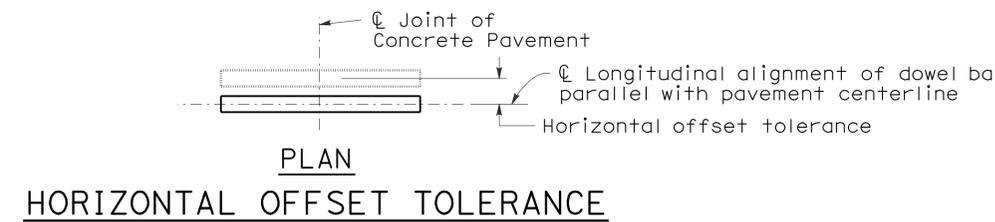
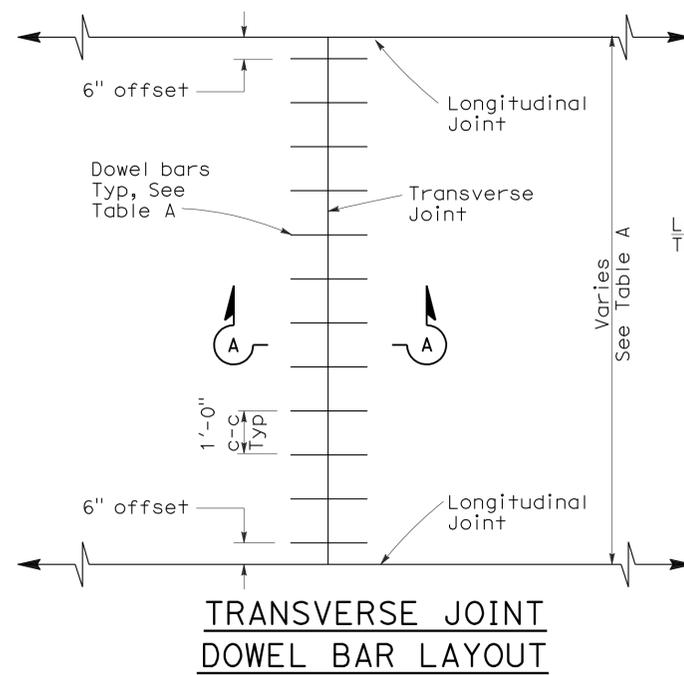
JOINTED PLAIN CONCRETE PAVEMENT-INDIVIDUAL SLAB REPLACEMENT

NO SCALE

RSP P8 DATED MAY 15, 2009 SUPERSEDES RSP P8 DATED SEPTEMBER 1, 2006 AND STANDARD PLAN P8 DATED MAY 1, 2006 - PAGE 123 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP P8

2006 REVISED STANDARD PLAN RSP P8



To accompany plans dated 3-7-11

- NOTES:**
- See Revised Standard Plan RSP P1 for typical dowel bar placement and locations.
 - 1 1/2" Dia smooth dowel bars are to be used with a pavement thickness, D, equal to or greater than 0.70 feet. For pavement thickness, D, less than 0.70 feet, use 1 1/4" Dia smooth dowel bars.
 - For widths not shown, see Project Plans.
 - If fresh concrete pavement is placed adjacent to existing concrete pavement, the top corner of the existing concrete pavement does not need to be rounded to the 1/4" radius, as shown.

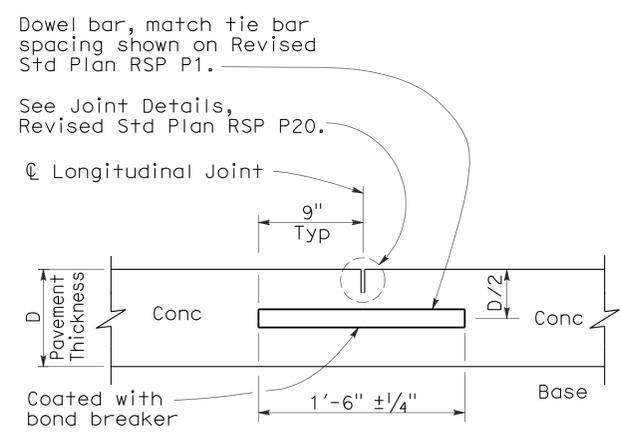
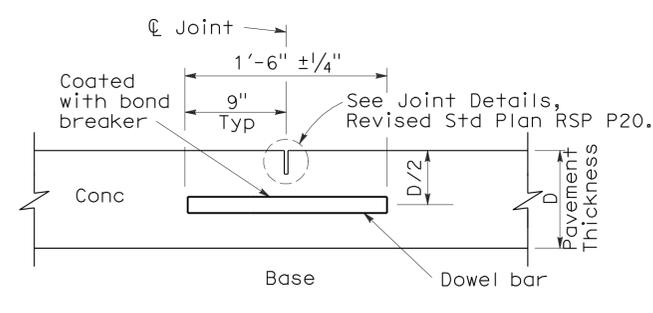
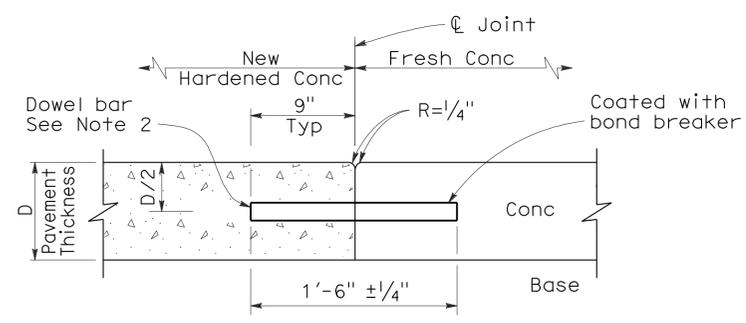


TABLE A (See Note 3)

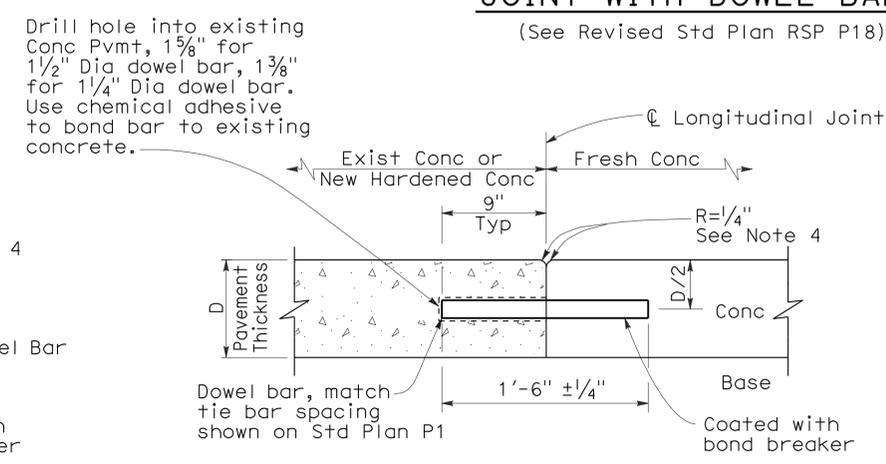
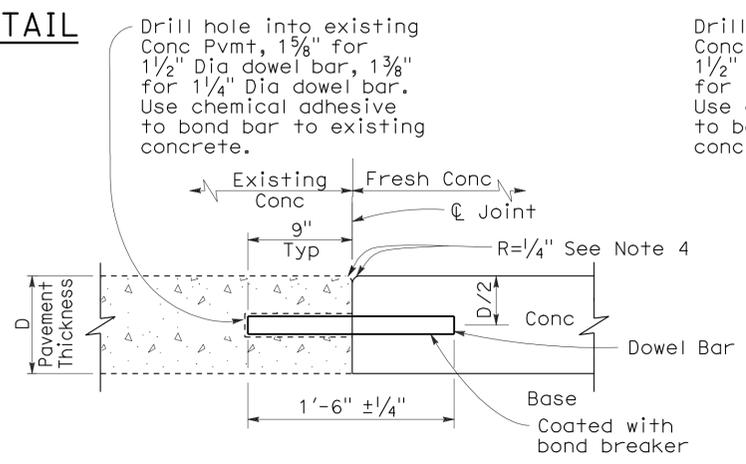
Dowel Bar Transverse Spacing Table

Width between Longitudinal Joints	Number of Dowels between Longitudinal Joints
14'-0"	14
13'-0"	13
12'-0"	12
11'-0"	11
10'-0"	10
8'-0"	8
5'-0"	5
4'-0"	4

**SECTION A-A
TRANSVERSE
CONSTRUCTION JOINT DETAIL**

TRANSVERSE CONTRACTION JOINT

**LONGITUDINAL CONTRACTION
JOINT WITH DOWEL BARS**
(See Revised Std Plan RSP P18)



**TRANSVERSE CONSTRUCTION JOINT
FOR EXISTING CONCRETE PAVEMENT**
(Drill and bond locations)

**LONGITUDINAL CONSTRUCTION JOINT
WITH DOWEL BARS**
(See Revised Std Plan RSP P18)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**CONCRETE PAVEMENT-
DOWEL BAR
DETAILS**
NO SCALE

RSP P10 DATED MAY 15, 2009 SUPERSEDES STANDARD PLAN P10
DATED MAY 1, 2006 - PAGE 124 OF THE STANDARD PLANS BOOK DATED MAY 2006.

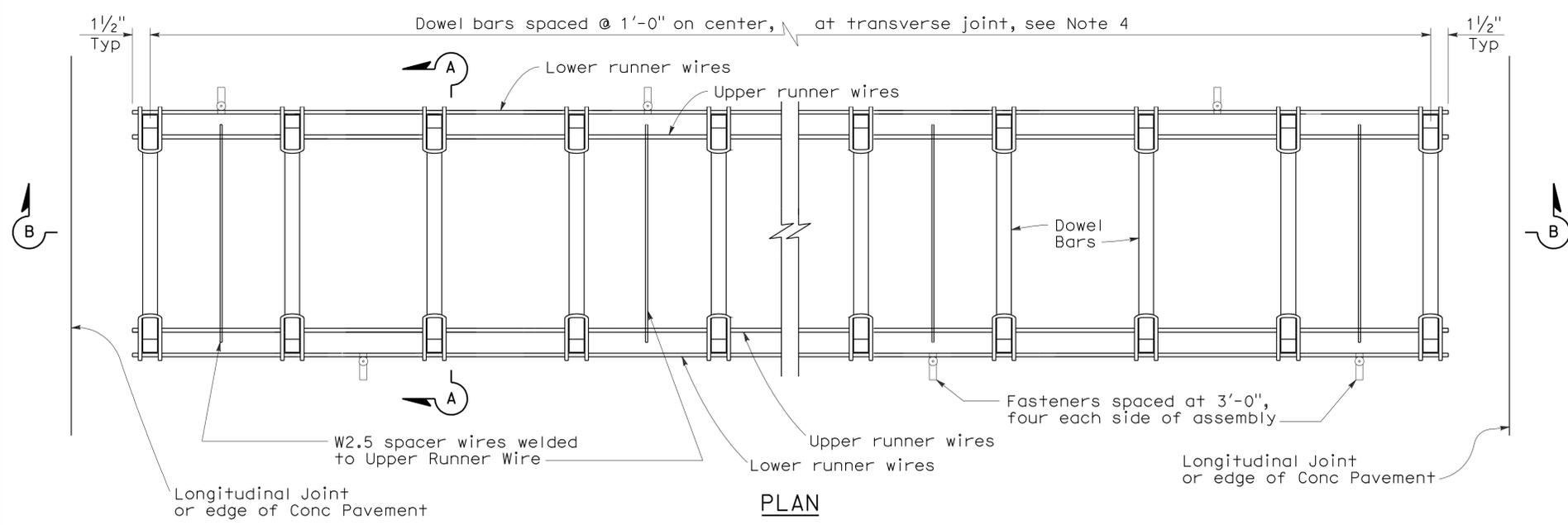
2006 REVISED STANDARD PLAN RSP P10

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	29	160

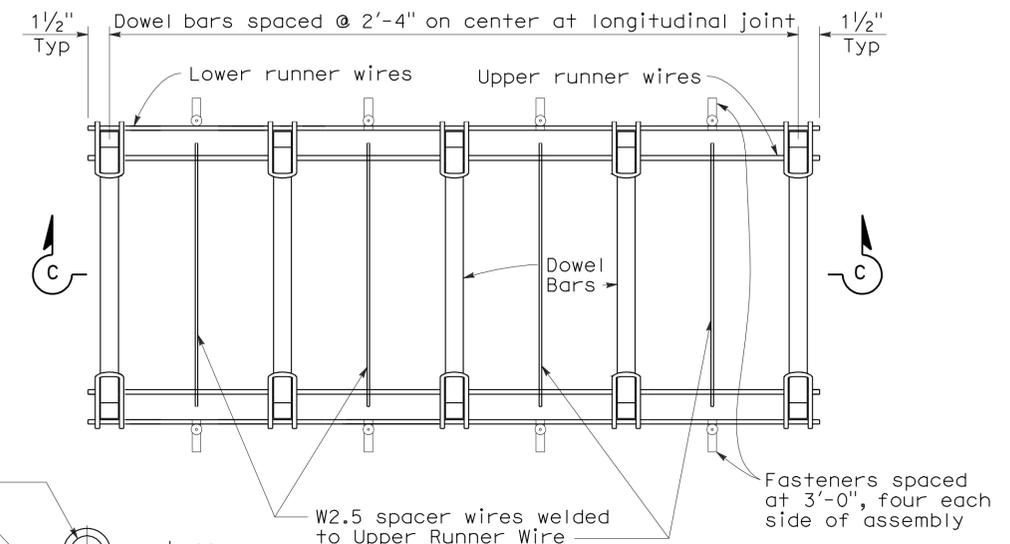
William K. Farnbach
 REGISTERED CIVIL ENGINEER
 May 15, 2009
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 William K. Farnbach
 No. C49042
 Exp. 9-30-10
 CIVIL
 STATE OF CALIFORNIA

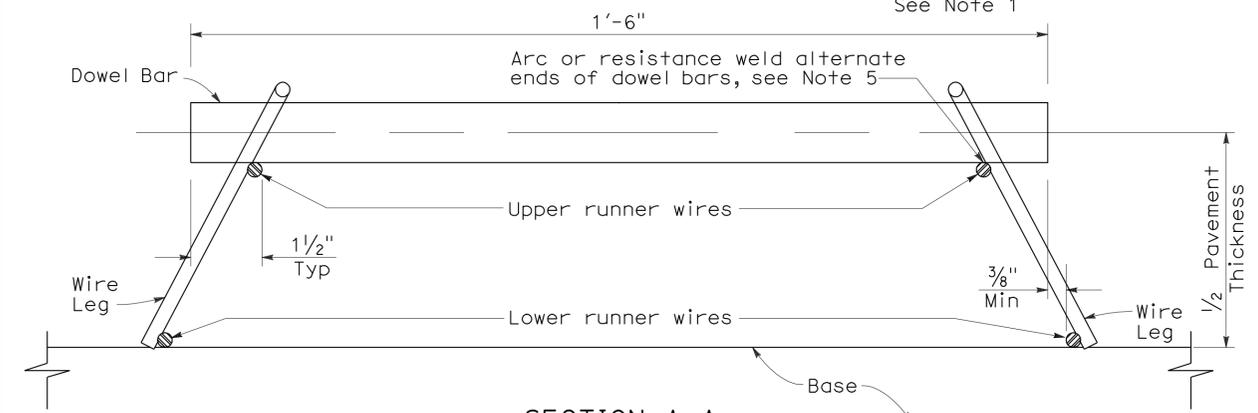
To accompany plans dated 3-7-11



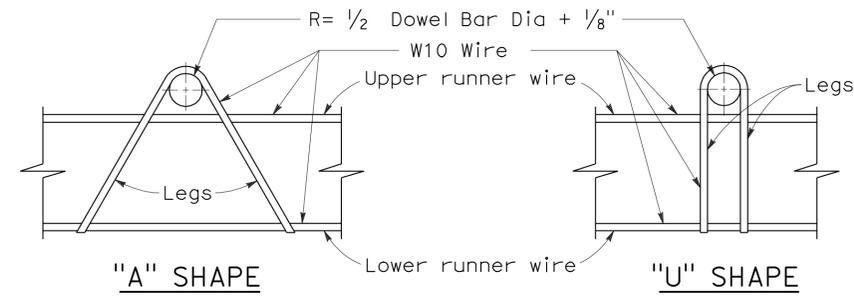
PLAN
DOWEL BAR BASKET
(TRANSVERSE JOINT)
 See Note 1



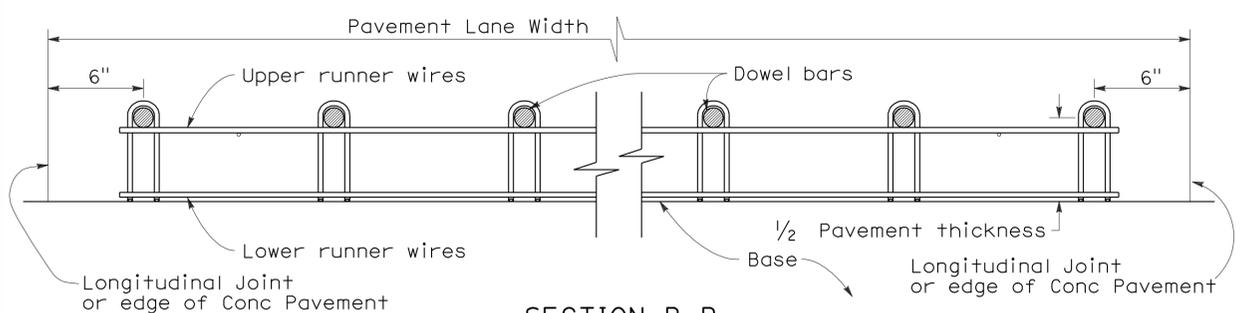
PLAN
DOWEL BAR BASKET
(LONGITUDINAL JOINT)
 See Note 1



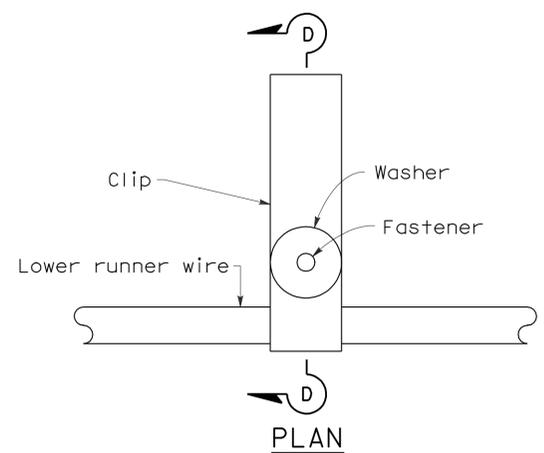
SECTION A-A



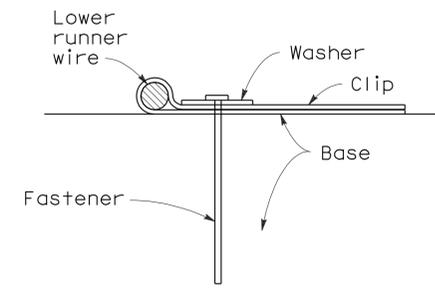
ASSEMBLY FRAME DETAILS



SECTION B-B
See Note 1



FASTENER DETAIL



SECTION D-D

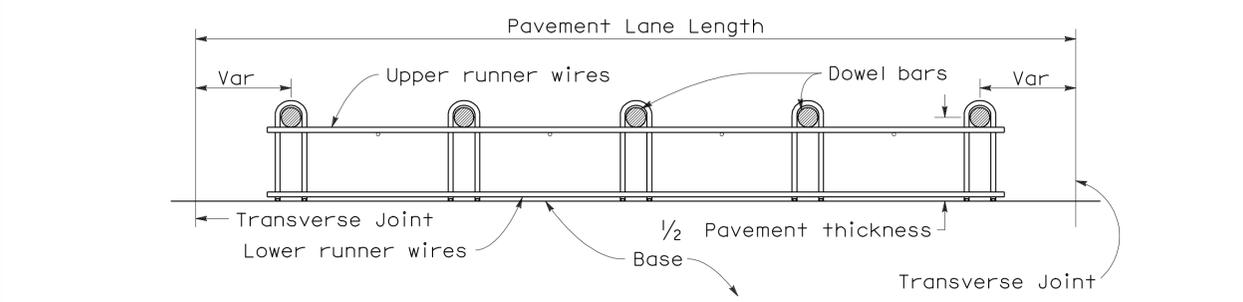
NOTES:

- "U" frame shape assembly shown. "U" frame shape or "A" frame shape are acceptable.
- Wire sizes shown are minimum required.
- All wire intersections are to be resistance welded.
- Use tie bar spacing for longitudinal dowel bar locations. See Revised Std Plans RSPs P1, P2, and P3 for tie bar requirements.
- Weld may be at top or bottom of dowel bar.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**CONCRETE PAVEMENT -
DOWEL BAR BASKET
DETAILS**

NO SCALE



SECTION C-C
See Notes 1 and 4

RSP P12 DATED MAY 15, 2009 SUPERSEDES RSP P12 DATED NOVEMBER 17, 2006 AND STANDARD PLAN P12 DATED MAY 1, 2006 - PAGE 125 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP P12

2006 REVISED STANDARD PLAN RSP P12

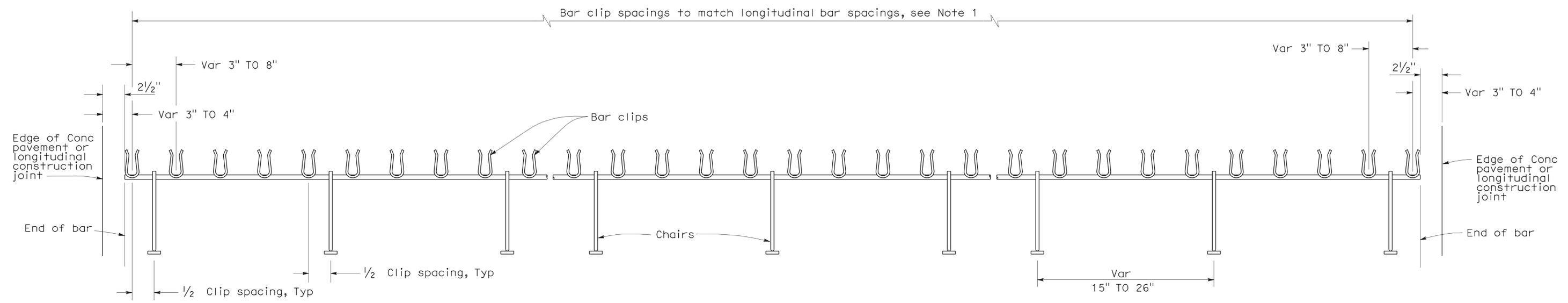
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	30	160

William K. Farnbach
 REGISTERED CIVIL ENGINEER
 June 5, 2009
 PLANS APPROVAL DATE

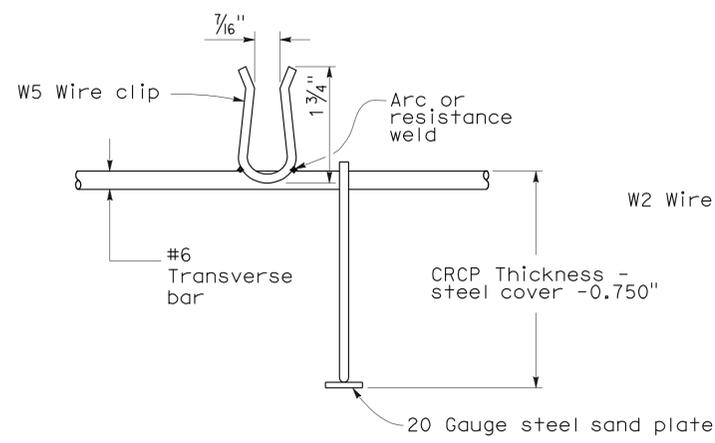
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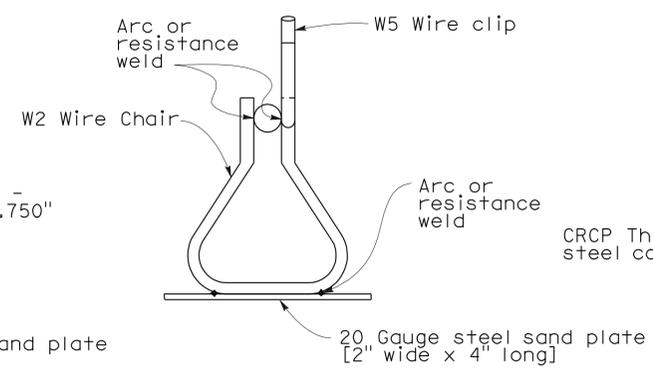
To accompany plans dated 3-7-11



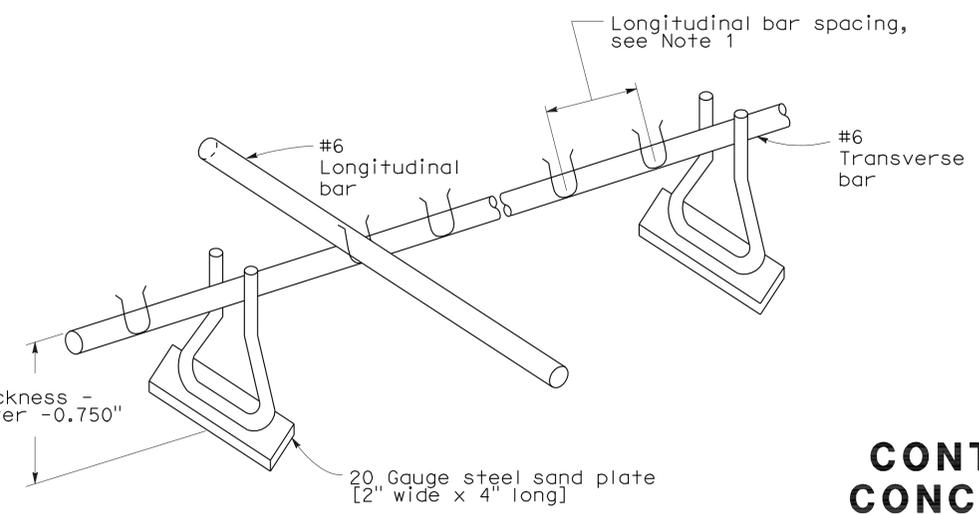
TRANSVERSE BAR ASSEMBLY



#6 BAR CLIP DETAIL



CHAIR DETAIL



ISOMETRIC VIEW OF CHAIR ASSEMBLY

- NOTES:**
1. See New Standard Plan NSP P4 for spacing of longitudinal bars.
 2. Tensile strength of chair shall be at least 50,000 psi.
 3. Wire sizes shown are minimum required.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**CONTINUOUSLY REINFORCED
 CONCRETE PAVEMENT-SINGLE
 PIECE TRANSVERSE BAR
 ASSEMBLY**
 NO SCALE

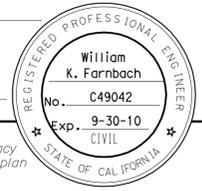
NSP P13 DATED JUNE 5, 2009 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP P13

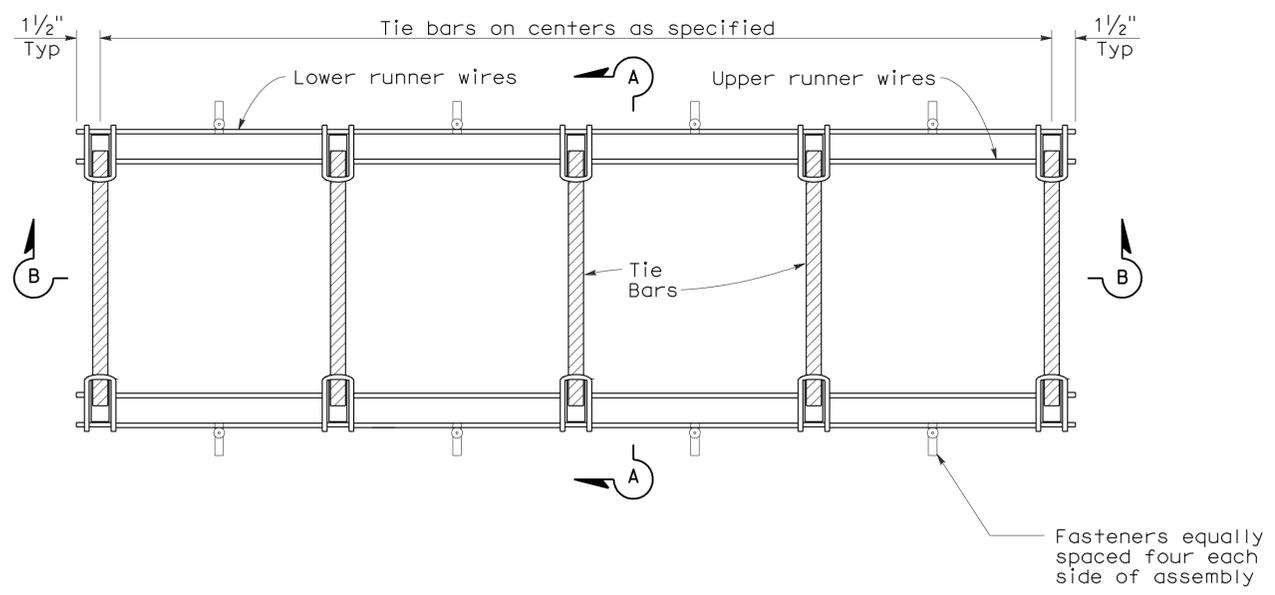
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	31	160

William K. Farnbach
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 May 15, 2009
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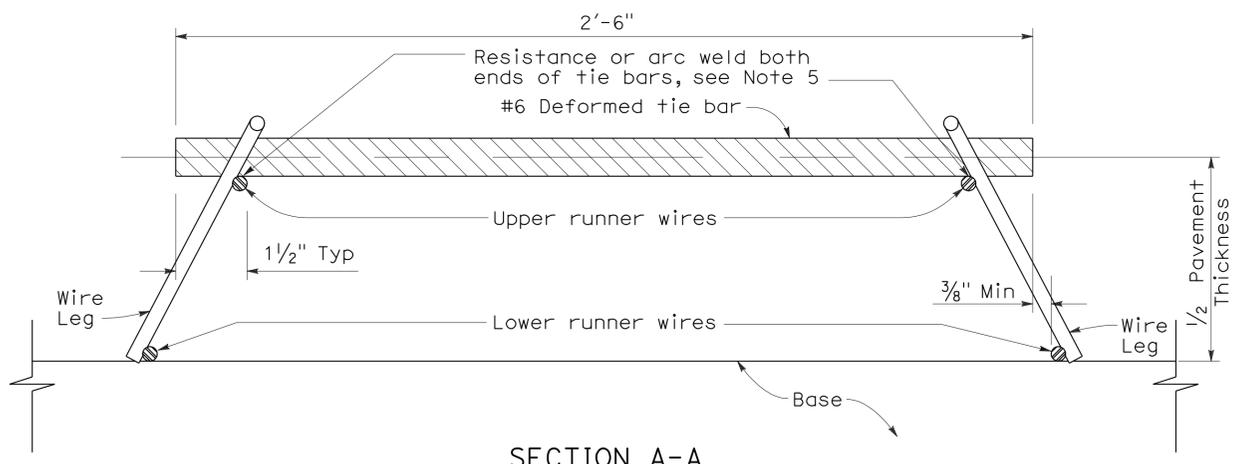


To accompany plans dated 3-7-11

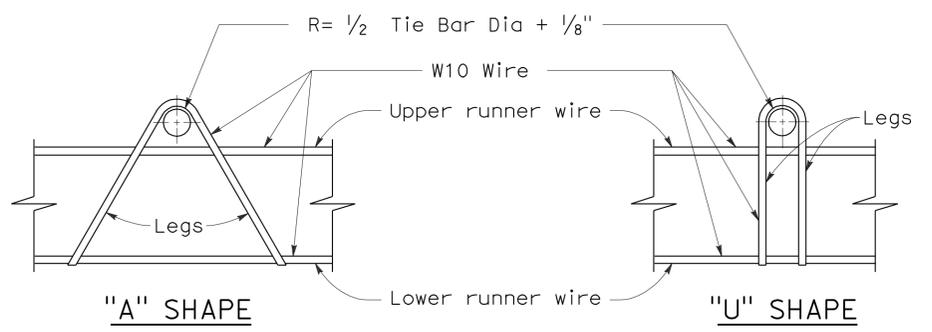


PLAN
TIE BAR BASKET
(TIE BARS AT LONGITUDINAL JOINT)
See Note 1

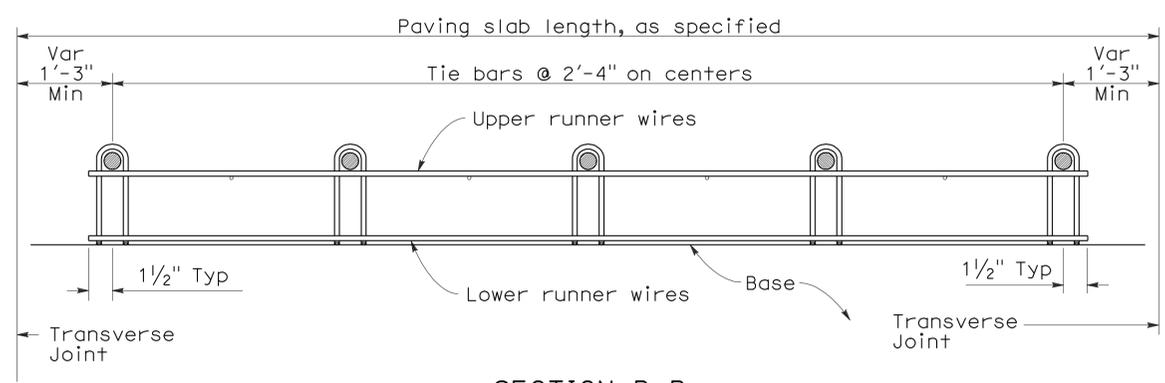
- NOTES:**
- "U" frame shape assembly shown. "U" frame shape or "A" frame shape are acceptable.
 - Wire sizes shown are minimum required.
 - All wire intersections are to be resistance welded.
 - Not for use on nondoweled skewed jointed plain concrete pavement.
 - Weld may be at top or bottom of tie bar.



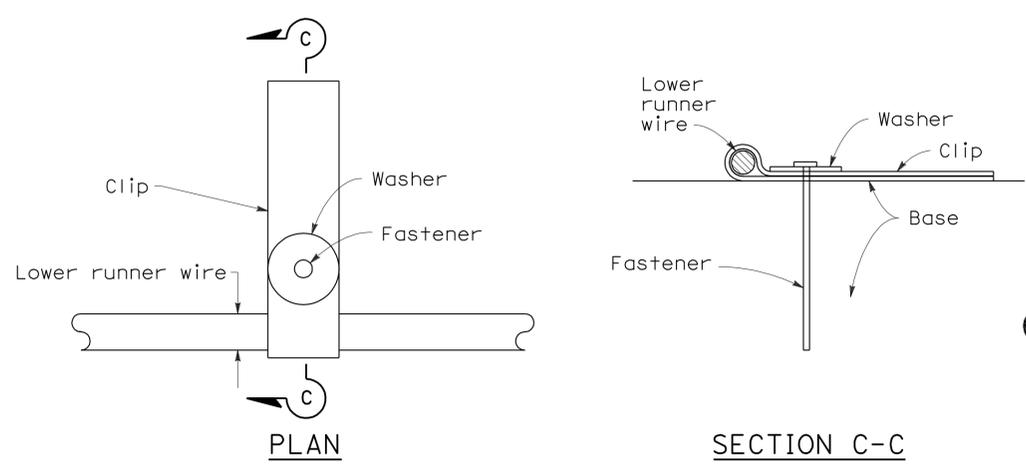
SECTION A-A



ASSEMBLY FRAME DETAILS



SECTION B-B
See Note 1



FASTENER DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**CONCRETE PAVEMENT -
TIE BAR BASKET
DETAILS**
NO SCALE

RSP P17 DATED MAY 15, 2009 SUPERSEDES RSP P17 DATED NOVEMBER 17, 2006 AND STANDARD PLAN P17 DATED MAY 1, 2006 - PAGE 126 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP P17

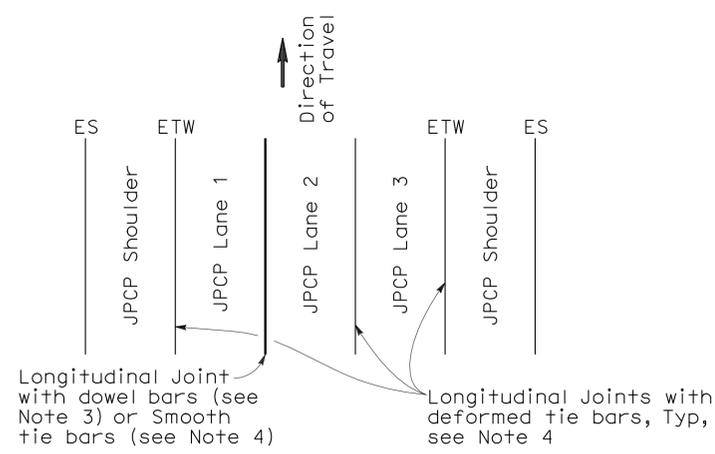
2006 REVISED STANDARD PLAN RSP P17

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	32	160

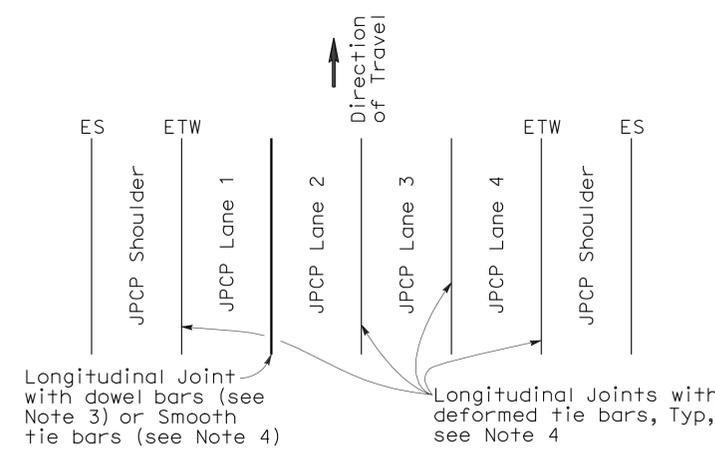
William K. Farnbach
 REGISTERED CIVIL ENGINEER
 June 5, 2009
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 William K. Farnbach
 No. C49042
 Exp. 9-30-10
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 STATE OF CALIFORNIA

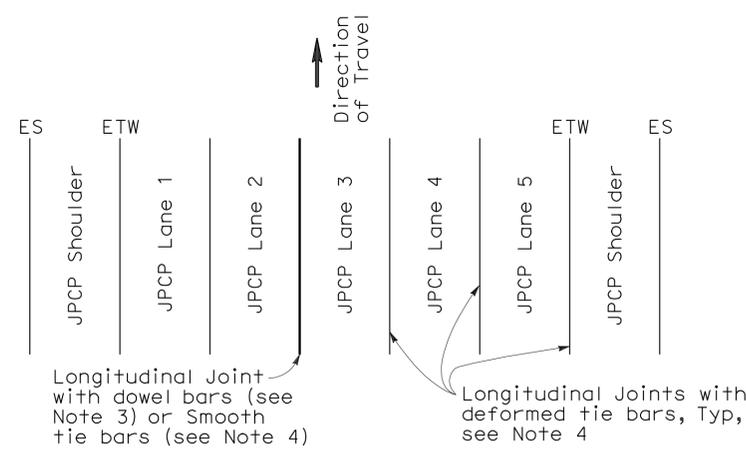
To accompany plans dated 3-7-11



3 LANES WITH TIED CONCRETE SHOULDERS
PLAN



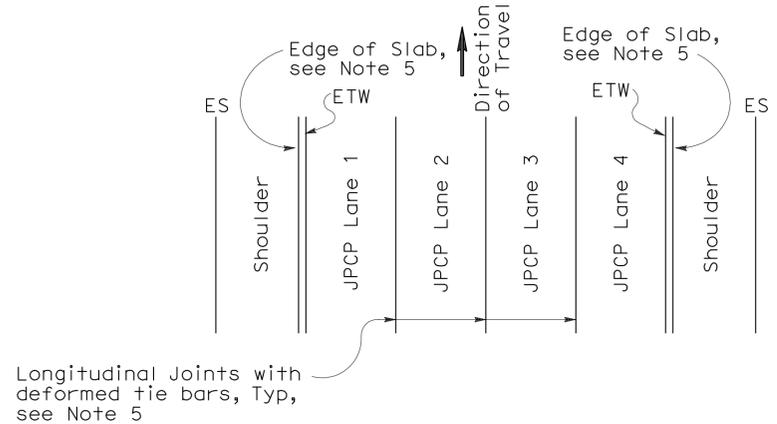
4 LANES WITH TIED CONCRETE SHOULDERS
PLAN



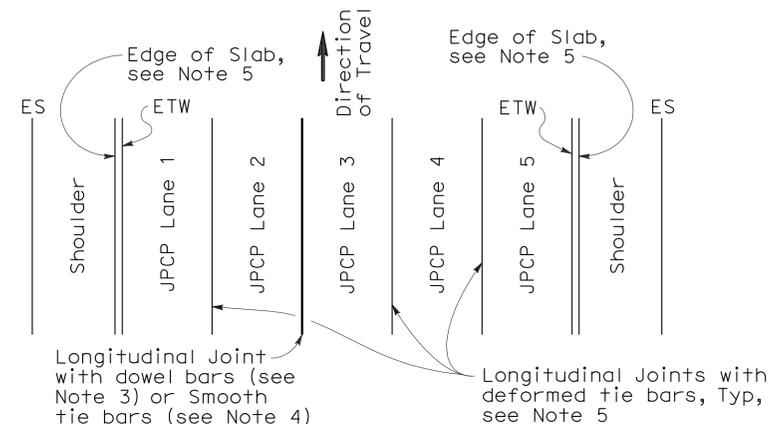
5 LANES WITH TIED CONCRETE SHOULDERS
PLAN

NOTES:

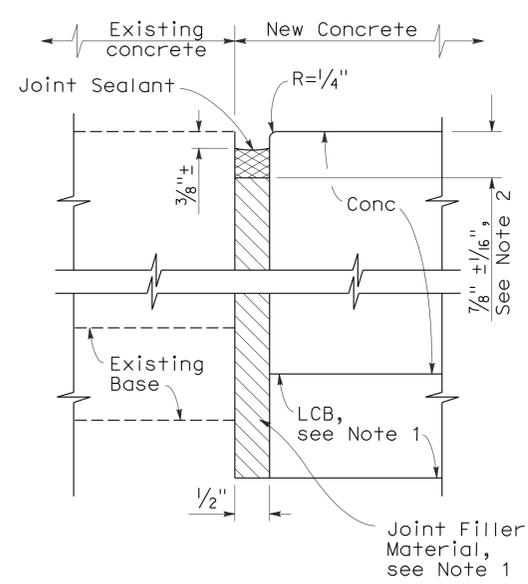
- Where Lean Concrete Base is not used as base material, the joint filler material used for the longitudinal isolation joint shall only extend to the bottom of the new concrete slab. See Detail A.
- Use 5/8" ± 1/16" dimension for silicone sealant.
- See Revised Standard Plan RSP P10 for longitudinal joint with dowel bars.
- See Revised Standard Plan RSP P1.
- See Revised Standard Plan RSP P2.



4 LANES OR LESS WITH WIDENED SLAB
PLAN



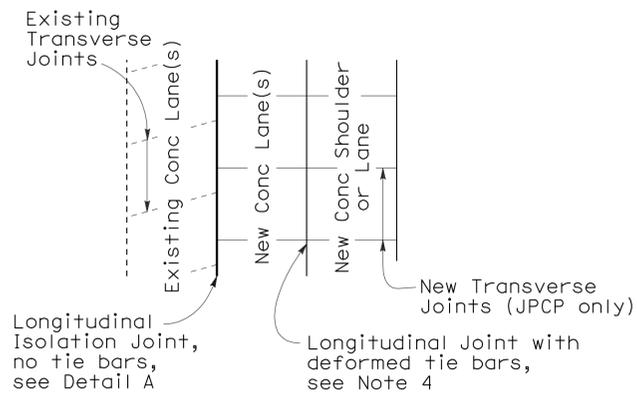
5 LANES WITH WIDENED SLAB
PLAN



DETAIL A
ISOLATION JOINT

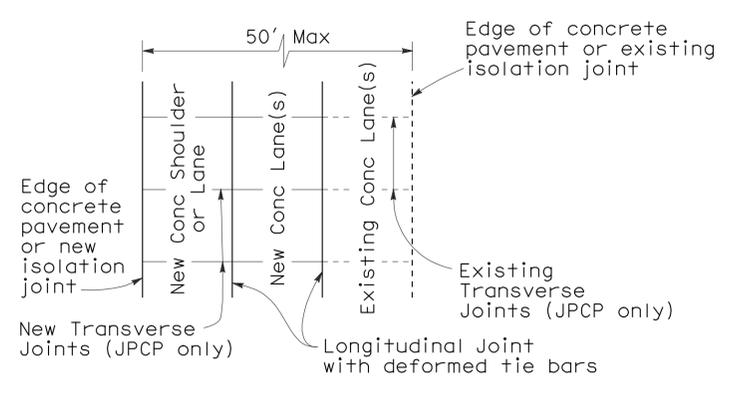
NEW CONSTRUCTION

Location of Longitudinal Joints (For JPCP)



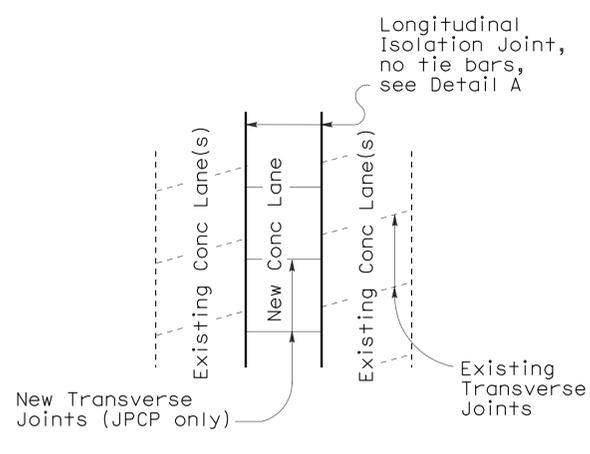
CASE 1
PLAN

Transverse Joints do not align between new and existing



CASE 2
PLAN

Transverse Joints align between new and existing



CASE 3 (INTERIOR LANE REPLACEMENT)
PLAN

Transverse Joints do not align between new and existing

LANE/SHOULDER ADDITION OR RECONSTRUCTION
(For JPCP and CRCP)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**CONCRETE PAVEMENT-
LANE SCHEMATICS
AND ISOLATION JOINT DETAIL**

NO SCALE

RSP P18 DATED JUNE 5, 2009 SUPERSEDES RSP P18 DATED MAY 15, 2009, RSP P18 DATED NOVEMBER 17, 2006 AND STANDARD PLAN P18 DATED MAY 1, 2006 - PAGE 127 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP P18

2006 REVISED STANDARD PLAN RSP P18

NOTE:

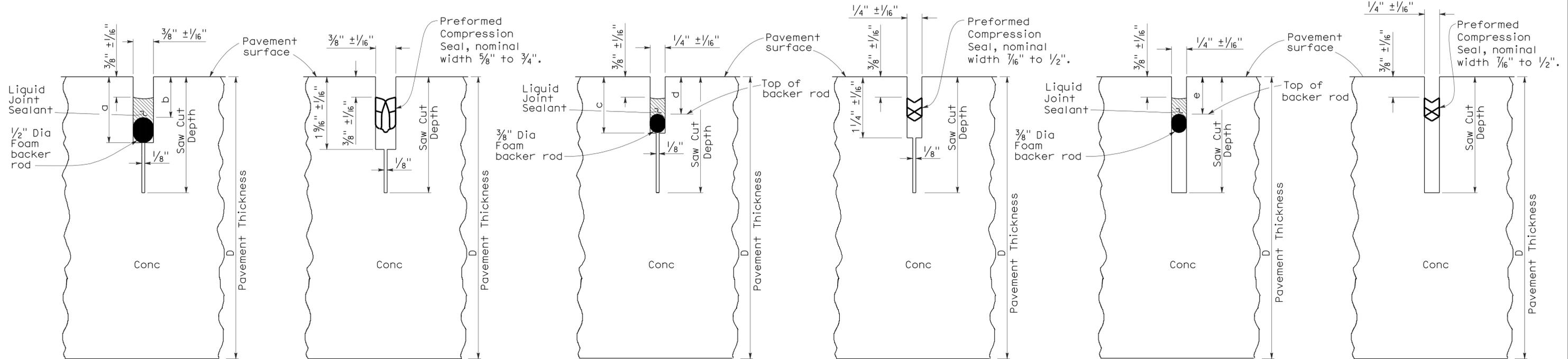
1. Tie bars, dowel bars, and reinforcement are not shown in joint seal details, see Revised Standard Plans RSP P1, RSP P3, RSP P10, RSP P35, RSP P45, or RSP P46 as applicable.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	33	160

William K. Farnbach
 REGISTERED CIVIL ENGINEER
 May 15, 2009
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To accompany plans dated 3-7-11



LIQUID SEALANT COMPRESSION SEAL LIQUID SEALANT COMPRESSION SEAL LIQUID SEALANT COMPRESSION SEAL

TYPE A1 **TYPE A2** **TYPE B**

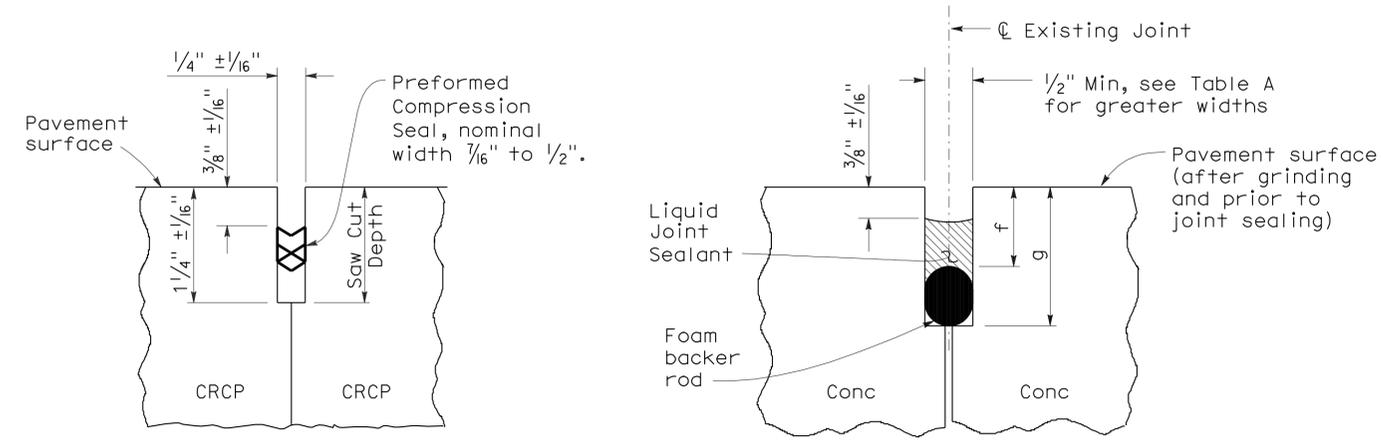
Transverse Contraction Joints Longitudinal Contraction Joints Longitudinal or Transverse Contraction Joint

LIQUID SEALANT RESERVOIR DEPTH

LIQUID SEALANT MATERIAL	3/8" Joint Width Type A1		1/4" Joint Width Type A2		1/4" Joint Width Type B
	DIMENSION		DIMENSION		DIMENSION
	a	b	c	d	e
SILICONE	1" ± 1/16"	5/8" ± 1/16"	15/16" ± 1/16"	9/16" ± 1/16"	9/16" ± 1/16"
ASPHALT RUBBER	1 3/16" ± 1/16"	3/4" ± 1/16"	1 1/16" ± 1/16"	11/16" ± 1/16"	11/16" ± 1/16"

TABLE A (TYPE R JOINT)

Sawn Joint Width	Backer Rod Diameter ± 1/16"	DIMENSION "f"	DIMENSION "g"
1"	1 5/16"	7/8"	2 1/4"
7/8"	1 3/16"	13/16"	2"
3/4"	1"	3/4"	1 3/4"
5/8"	7/8"	11/16"	1 1/2"
1/2"	11/16"	5/8"	1 1/4"



COMPRESSION SEAL LIQUID SEALANT

TYPE C **TYPE R**

Transverse and Longitudinal Construction Joints (For CRCP) Retrofit Transverse and Longitudinal Joints

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CONCRETE PAVEMENT-JOINT DETAILS
NO SCALE

RSP P20 DATED MAY 15, 2009 SUPERSEDES STANDARD PLAN P20 DATED MAY 1, 2006 - PAGE 128 OF THE STANDARD PLANS BOOK DATED MAY 2006.

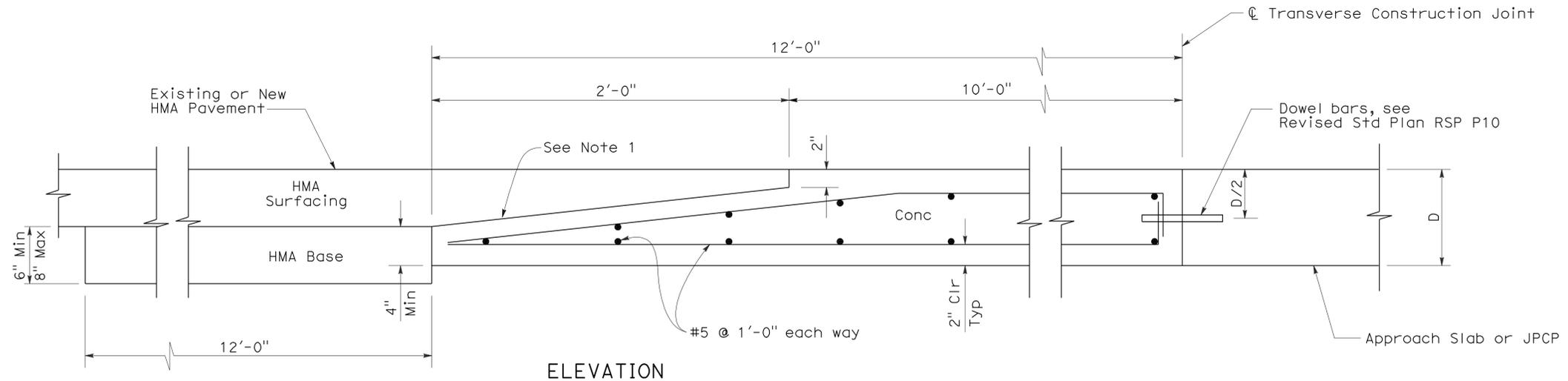
REVISED STANDARD PLAN RSP P20

2006 REVISED STANDARD PLAN RSP P20

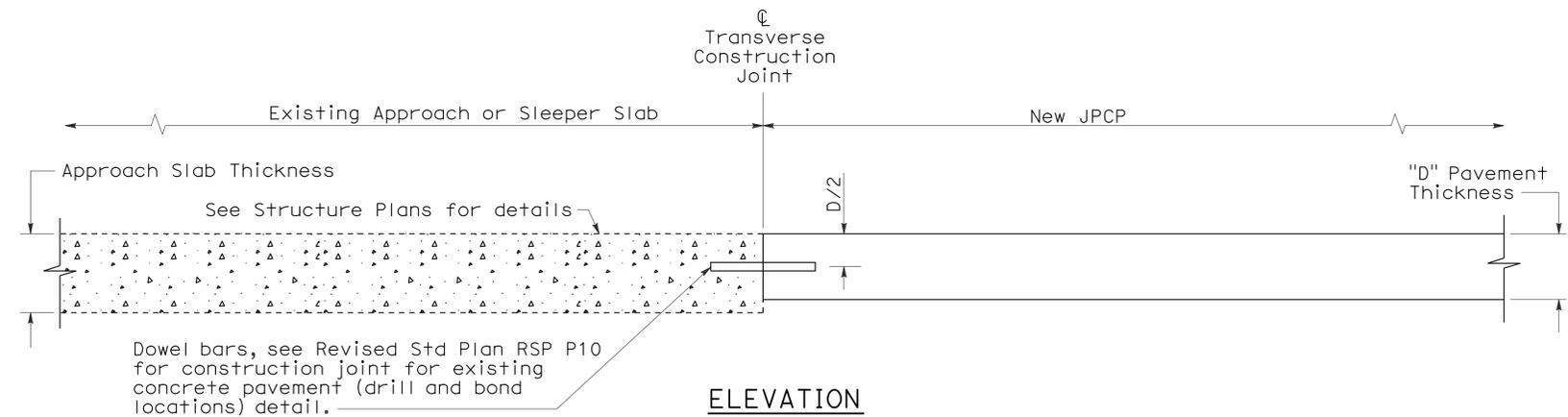
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	34	160

William K. Farnbach
 REGISTERED CIVIL ENGINEER
 May 15, 2009
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REGISTERED PROFESSIONAL ENGINEER
 William K. Farnbach
 No. C49042
 Exp. 9-30-10
 CIVIL
 STATE OF CALIFORNIA

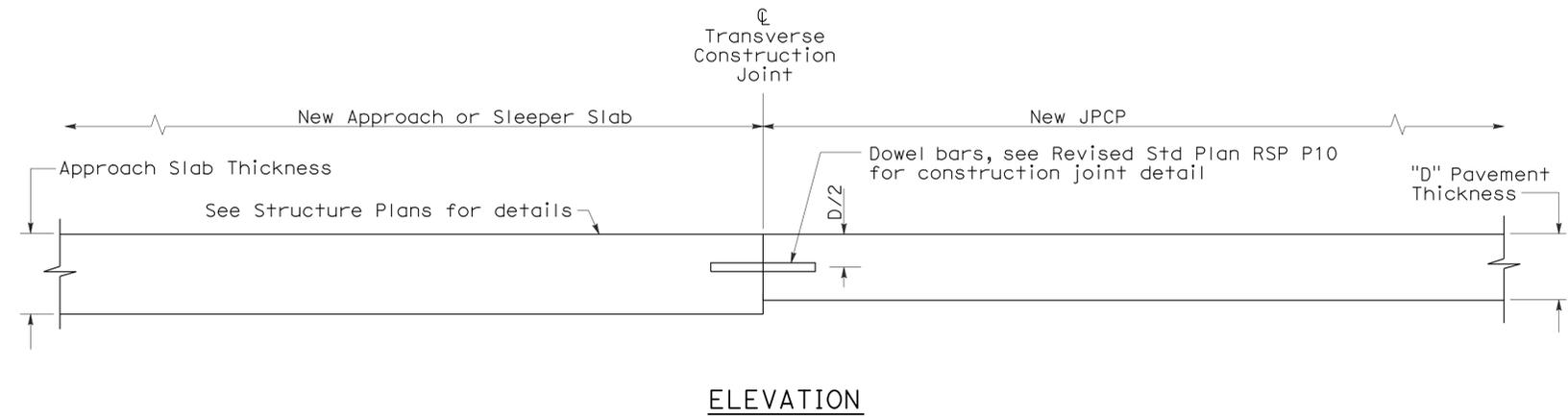


CONCRETE PAVEMENT TO HOT MIXED ASPHALT PAVEMENT TRANSITION PANEL



ELEVATION PAVEMENT END ANCHOR

NOTE:
1. Heavy broom finish.



CONCRETE PAVEMENT TRANSITION TO APPROACH OR SLEEPER SLAB

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**JOINTED PLAIN CONCRETE PAVEMENT-
 END PANEL
 PAVEMENT TRANSITIONS**
 NO SCALE

RSP P30 DATED MAY 15, 2009 SUPERSEDES STANDARD PLAN P30
 DATED MAY 1, 2006 - PAGE 129 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP P30

2006 REVISED STANDARD PLAN RSP P30

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	35	160

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 PLANS APPROVAL DATE
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To accompany plans dated 3-7-11

2006 REVISED STANDARD PLAN RSP H1

A

AB aggregate base
 ABS acrylonitrile-butadiene-styrene
 AC asphalt concrete
 Adj adjacent/adjustable
 AIC auxiliary irrigation controller
 Alt alternative
 AMEND amendment
 ARV air release valve
 AUTO automatic
 AUX auxiliary
 AVB atmospheric vacuum breaker

B

B&B balled and burlapped
 B/B brass/bronze
 B/B/PL brass/bronze/plastic
 B/PL brass/plastic
 BFM bonded fiber matrix
 Bit Ctd bituminous coated
 BP booster pump
 BPA backflow preventer assembly
 BPAE backflow preventer assembly in enclosure
 BPE backflow preventer enclosure
 BV ball valve

C

CAP corrugated aluminum pipe
 CARV combination air release valve
 CCA cam coupler assembly
 CEC controller enclosure cabinet
 CHDPE corrugated high density polyethylene
 CL chain link
 CNC control and neutral conductors
 Conc concrete
 Cond conduit
 CSP corrugated steel pipe
 CST center strip
 CV check valve

D

Dia diameter
 DIP ductile iron pipe
 DN diameter nominal

E

EA each
 Elect electric/electrical
 Elev elevation
 ENCL enclosure
 EP edge of pavement
 ES edge of shoulder
 EST end strip
 ESTB establishment
 ETW edge of traveled way

F

F full circle
 F/P full/part circle
 FAU filter assembly unit
 FCV flow control valve
 FERT fertilizer
 FG finished grade
 FIPT female iron pipe thread
 FIS fertilizer injector system
 FL flow line
 FM flow monitor
 FS flow sensor
 Ft foot/feet
 FV flush valve

G

GAL Gallon(s)
 Galv galvanized
 GARV garden valve
 GPH gallons per hour
 GPM gallons per minute
 GSP galvanized steel pipe
 GV gate valve

H

H half circle
 HB hose bib
 HDPE high density polyethylene
 HP horsepower/hinge point
 HPL high pressure line
 Hwy highway

I

IC irrigation controller
 ICC irrigation controller(s) in controller enclosure cabinet
 ID inside diameter
 In inches
 IFS irrigation filtration system
 IPS iron pipe size
 IPT iron pipe thread
 Irr irrigation

L

L length
 LF linear foot

M

Max maximum
 MBGR metal beam guard railing
 MCV manual control valve
 MIC master irrigation controller
 Min minimum
 MIPT male iron pipe thread
 Misc miscellaneous
 Mtl material
 MVP maintenance vehicle pullout

N

NCN no common name
 NL nozzle line
 No. number
 NPT national pipe thread

O

O/C on center
 OD outside diameter
 Oz ounce

P

P part circle
 PB pull box
 PCC portland cement concrete
 PE polyethylene
 Pkt packet
 PL plastic
 PLT plant/planting
 PLT ESTB plant establishment
 PM post mile
 PR pressure rated
 PRLV pressure relief valve
 PSFM polymer stabilized fiber matrix
 PSI pounds per square inch
 PRV pressure reducing valve
 PVC polyvinyl chloride
 Pvmnt pavement

Q

Q quarter circle
 QCV quick coupling valve

R

R radius
 RCP reinforced concrete pipe
 RCV remote control valve
 RCVM remote control valve (master)
 RCVMF remote control valve (master) w/ flow meter
 RCW recycled/reclaimed water
 RECP rolled erosion control product
 REQ required
 R/W right of way

S

S slip
 SCC sprinkler control conduit
 SCH schedule
 SF state-furnished
 Shld shoulder
 SQFT square foot/feet
 SQYD square yard(s)
 SST side strip
 Sta station
 Std standard
 SW sidewalk/sound wall

T

T third circle/thread
 TLS truck loading standpipe
 TQ three quarter circle
 TRM turf reinforcement mat
 TRVD traveled
 TT two third circle
 Typ typical

U

UG underground

V

VAU valve assembly unit

W

W width
 W/ with
 WM water meter
 WS wye strainer
 WSP welded steel pipe
 WWM welded wire mesh

NOTE:
 FOR ADDITIONAL ABBREVIATIONS,
 SEE STANDARD PLANS A10A AND A10B.

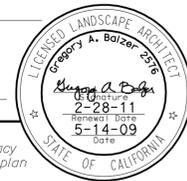
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**PLANTING AND IRRIGATION
 ABBREVIATIONS**

NO SCALE
 RSP H1 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H1
 DATED MAY 1, 2006 - PAGE 201 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	36	160

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
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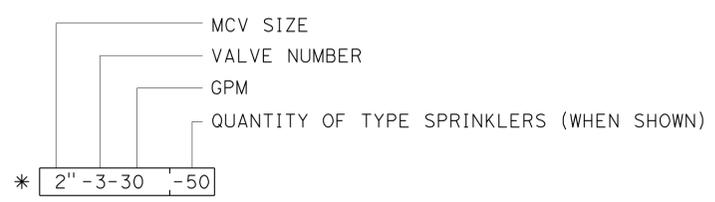
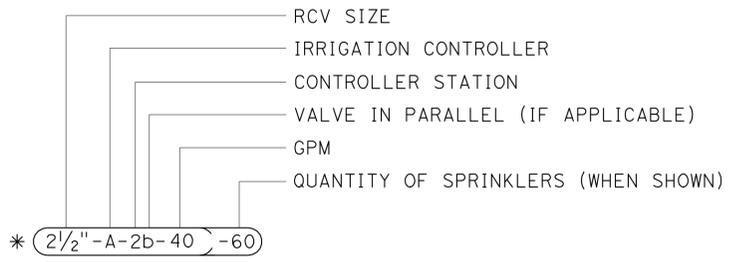


To accompany plans dated 3-7-11

EXISTING	PROPOSED	ITEM DESCRIPTION
		WATER METER (WM)
		BACKFLOW PREVENTER ASSEMBLY (BPA)
		BACKFLOW PREVENTER ASSEMBLY IN ENCLOSURE (BPAE)
		BACKFLOW PREVENTER ENCLOSURE (BPE)
		BOOSTER PUMP (BP)
		TRUCK LOADING STANDPIPE (TLS)
		FLOW SENSOR (FS)
		MASTER IRRIGATION CONTROLLER (MIC)
		AUXILIARY IRRIGATION CONTROLLER (AIC)
		IRRIGATION CONTROLLER (IC)/ IRRIGATION CONTROLLER (IC) (BATTERY) IRRIGATION CONTROLLER (IC) (SOLAR)
		IRRIGATION CONTROLLER(S) IN CONTROLLER ENCLOSURE CABINET (ICC)
		CONTROL AND NEUTRAL CONDUCTORS (CNC)
		SPRINKLER CONTROL CONDUIT (SCC)
		IRRIGATION CROSSOVER
		EXTEND IRRIGATION CROSSOVER
		IRRIGATION SLEEVE
		DUCTILE IRON PIPE (SUPPLY LINE) (MAIN) (DIP)
		GALVANIZED STEEL PIPE (SUPPLY LINE) (MAIN) (GSP)
		GALVANIZED STEEL PIPE (SUPPLY LINE) (LATERAL) (GSP)
		PLASTIC PIPE (PR 200) (SUPPLY LINE) (MAIN)
		PLASTIC PIPE (PR 200) (SUPPLY LINE) (LATERAL)
		PLASTIC PIPE (IRRIGATION LINE)
		REMOTE CONTROL VALVE (RCV) REMOTE CONTROL VALVE (MASTER) (RCVM) REMOTE CONTROL VALVE (MASTER) W/FLOW METER (RCVMF)
		MANUAL CONTROL VALVE (MCV)
		VALVE ASSEMBLY UNIT (VAU)
		WYE STRAINER (WS)
		FILTER ASSEMBLY UNIT (FAU)
		GATE VALVE (GV)
		BALL VALVE (BV)

EXISTING	PROPOSED	ITEM DESCRIPTION
		QUICK COUPLING VALVE (QCV)
		CAM COUPLER ASSEMBLY (CCA)
		PRESSURE REDUCING VALVE (PRV)
		PRESSURE RELIEF VALVE (PRLV)
		FLOW CONTROL VALVE (FCV)
		COMBINATION AIR RELEASE VALVE (CARV)
		CHECK VALVE (CV)
		FLUSH VALVE (FV)
		NOZZLE LINE W/TURNING UNION
		IRRIGATION SYSTEM
		IRRIGATION SYSTEM TO BE REMOVED
		CHAIN LINK GATE
		QUICK COUPLING VALVE W/SPRINKLER PROTECTOR
		SPRINKLER W/SPRINKLER PROTECTOR
		CONNECT TO EXISTING SYSTEM
		CAP
		CAP EXISTING

VALVE CODE



* VALVE CODES FOR EXISTING VALVES ARE SHOWN IN A DASHED ENCLOSURE.

PLANTING AND IRRIGATION SYMBOLS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

NO SCALE

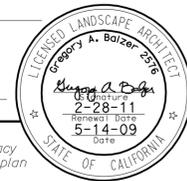
RSP H2 DATED JUNE 5, 2009 SUPERSEDES RSP H2 DATED MARCH 7, 2008 AND STANDARD PLAN H2 DATED MAY 1, 2006 - PAGE 202 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H2

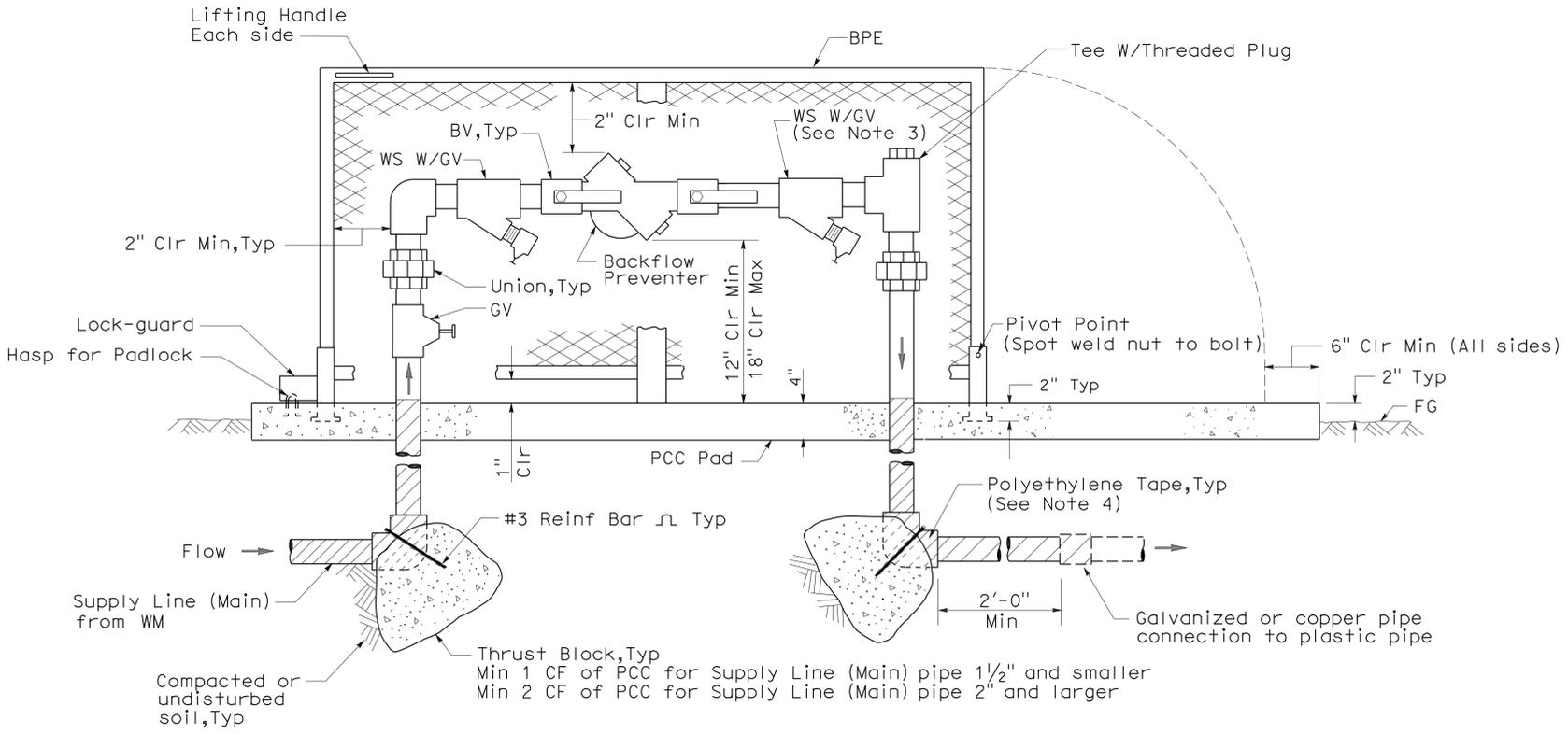
2006 REVISED STANDARD PLAN RSP H2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	37	160

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



To accompany plans dated 3-7-11

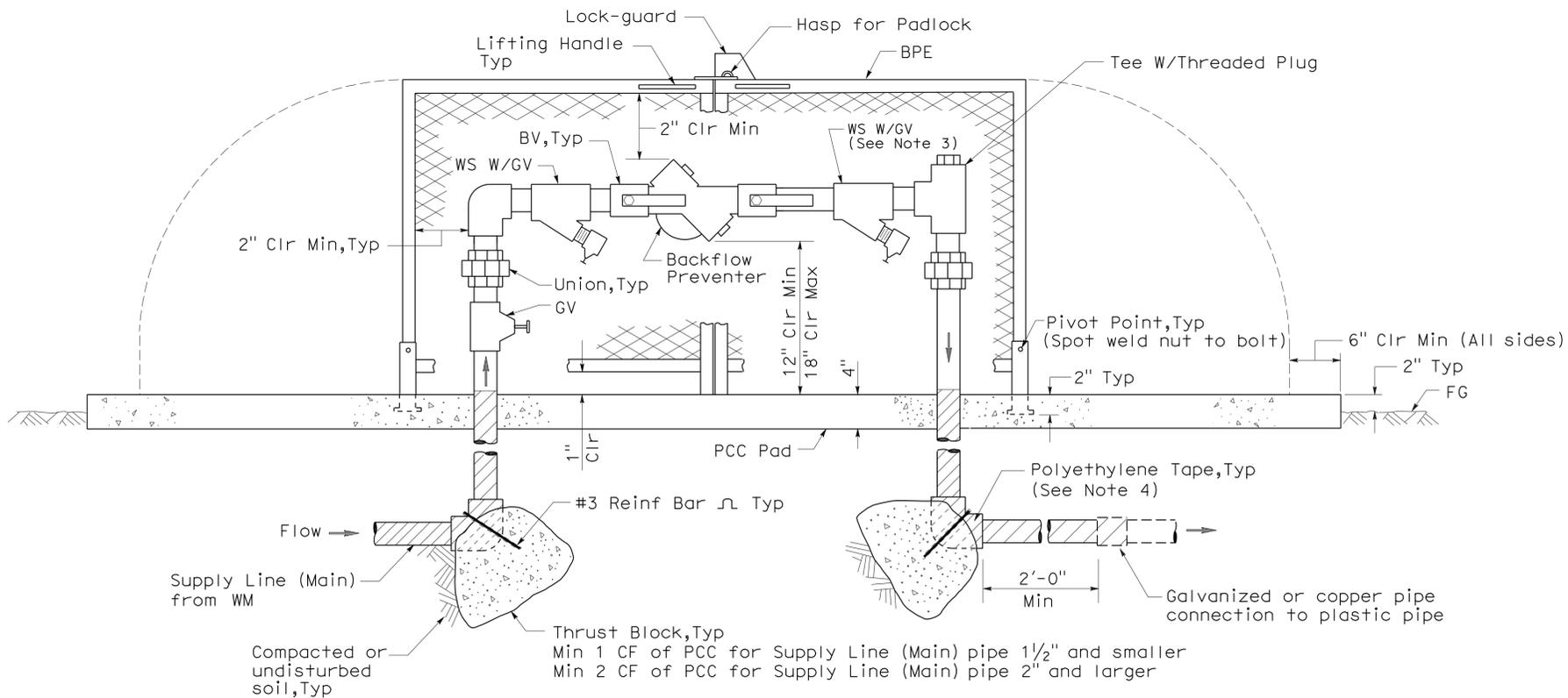


ELEVATION

BACKFLOW PREVENTER ASSEMBLY IN ENCLOSURE (ONE PIECE)

NOTES:

1. Wye strainer and fittings must be the same size as the backflow preventer shown on the plans.
2. Backflow preventer assembly manifold pipe must be the same pipe as the supply line (main) pipe to be installed from the water meter to the backflow preventer assembly.
3. Wye strainer location shown downstream of the backflow preventer is for District 11 projects only.
4. All metal in contact with soil and Portland Cement Concrete must be polyethylene wrapped using 2" wide plastic backed adhesive tape 20 mil thick with 1/2" overlap.



ELEVATION

BACKFLOW PREVENTER ASSEMBLY IN ENCLOSURE (TWO PIECE)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**PLANTING AND IRRIGATION
 DETAILS**

NO SCALE

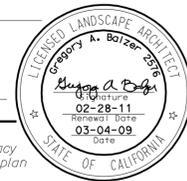
RSP H8 DATED JUNE 5, 2009 SUPERSEDES STANDARD PLAN H8
 DATED MAY 1, 2006 - PAGE 208 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP H8

2006 REVISED STANDARD PLAN RSP H8

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	38	160

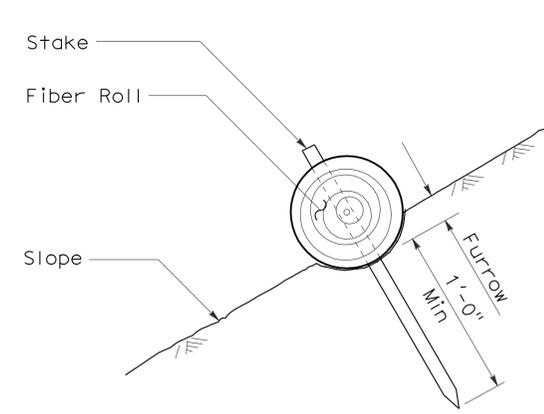
Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



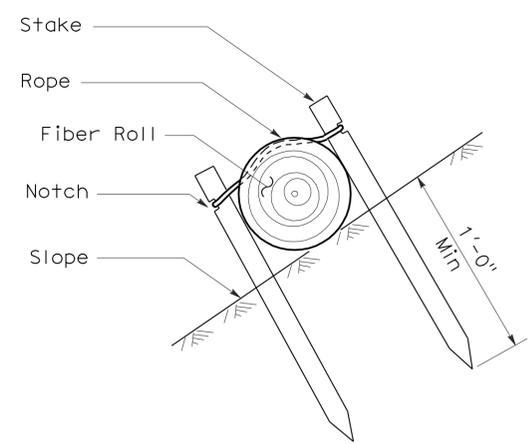
To accompany plans dated 3-7-11

NOTES:

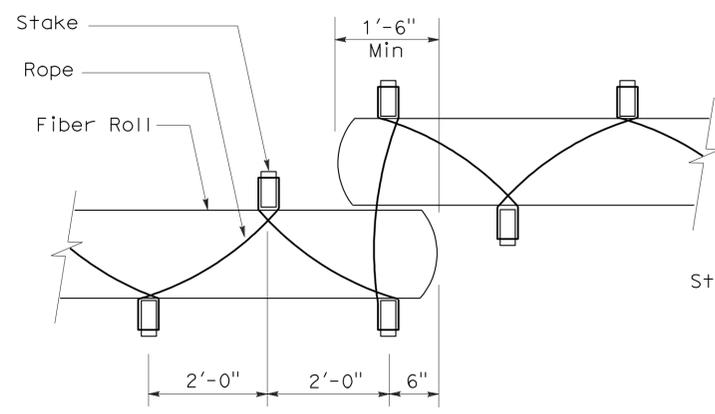
1. Fiber roll spacing varies depending upon slope inclination.
2. Installations shown in the perspectives are for slope inclination of 10:1 and steeper.



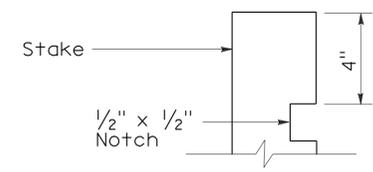
SECTION
FIBER ROLL
(TYPE 1)



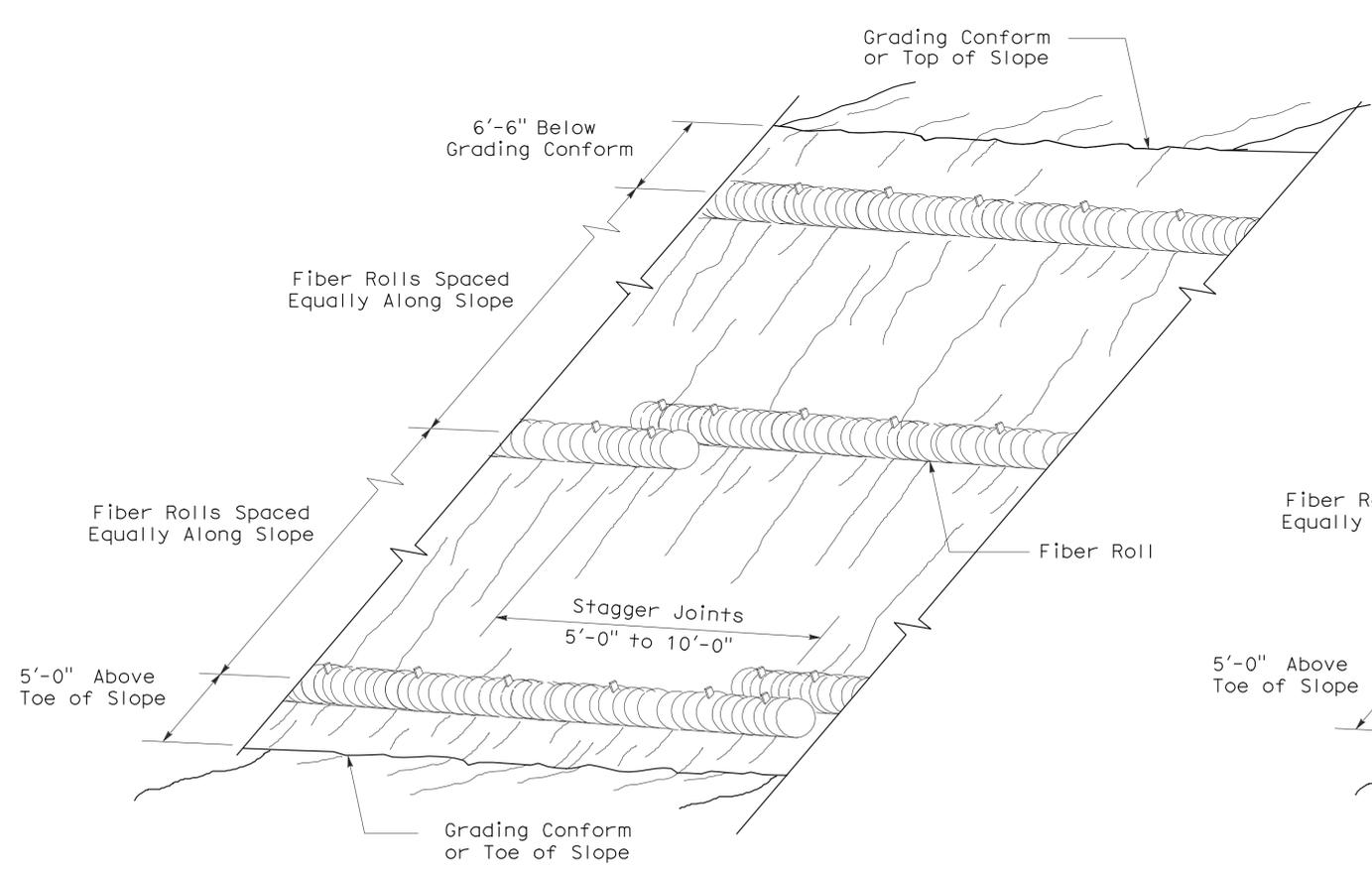
SECTION



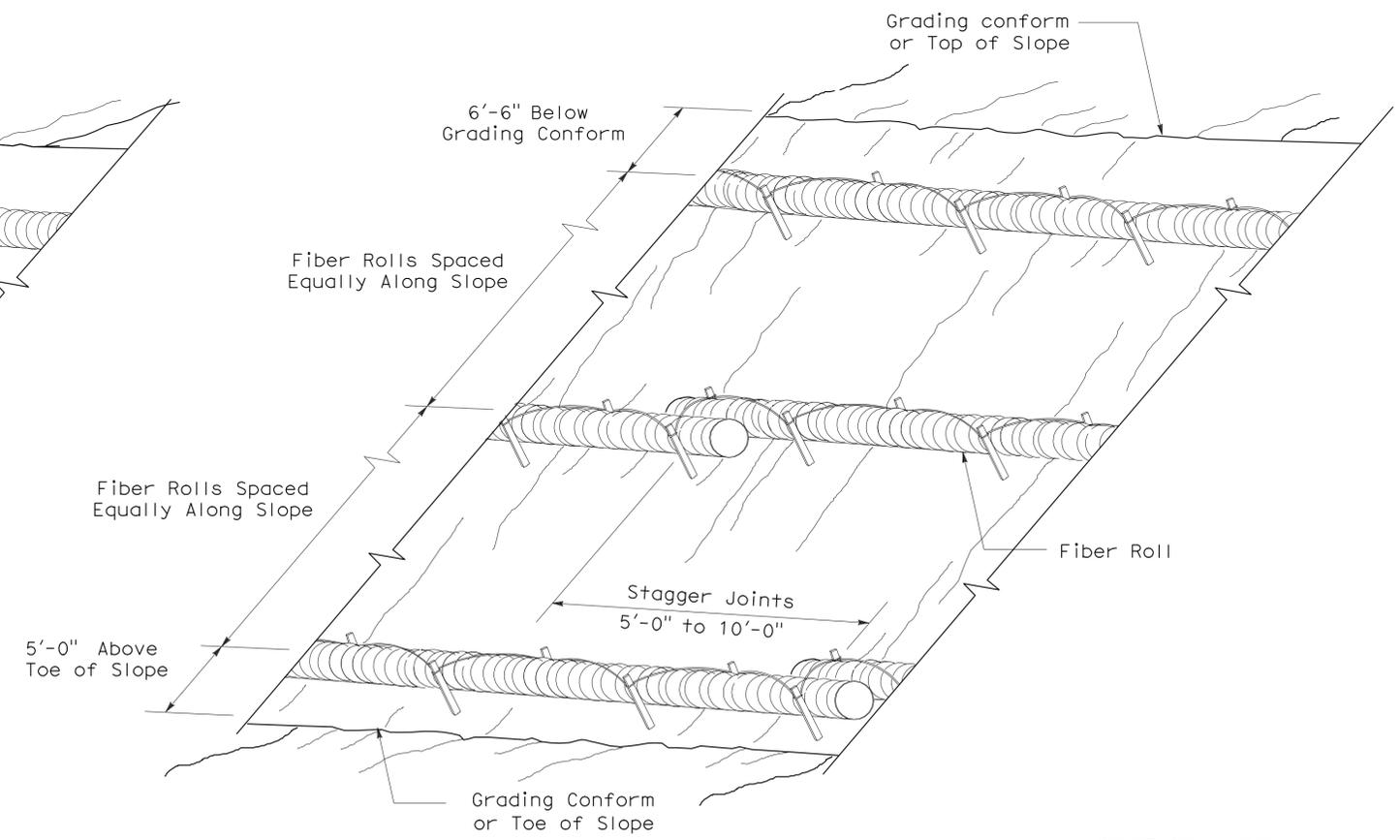
PLAN



ELEVATION
STAKE NOTCH DETAIL



PERSPECTIVE
FIBER ROLL (TYPE 1)



PERSPECTIVE
FIBER ROLL (TYPE 2)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
EROSION CONTROL DETAILS
(FIBER ROLL)

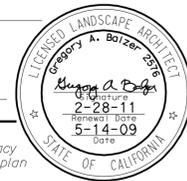
NO SCALE

RNSP H51 DATED APRIL 3, 2009 SUPERSEDES NSP H51 DATED DECEMBER 1, 2006 THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 REVISED NEW STANDARD PLAN RNSP H51

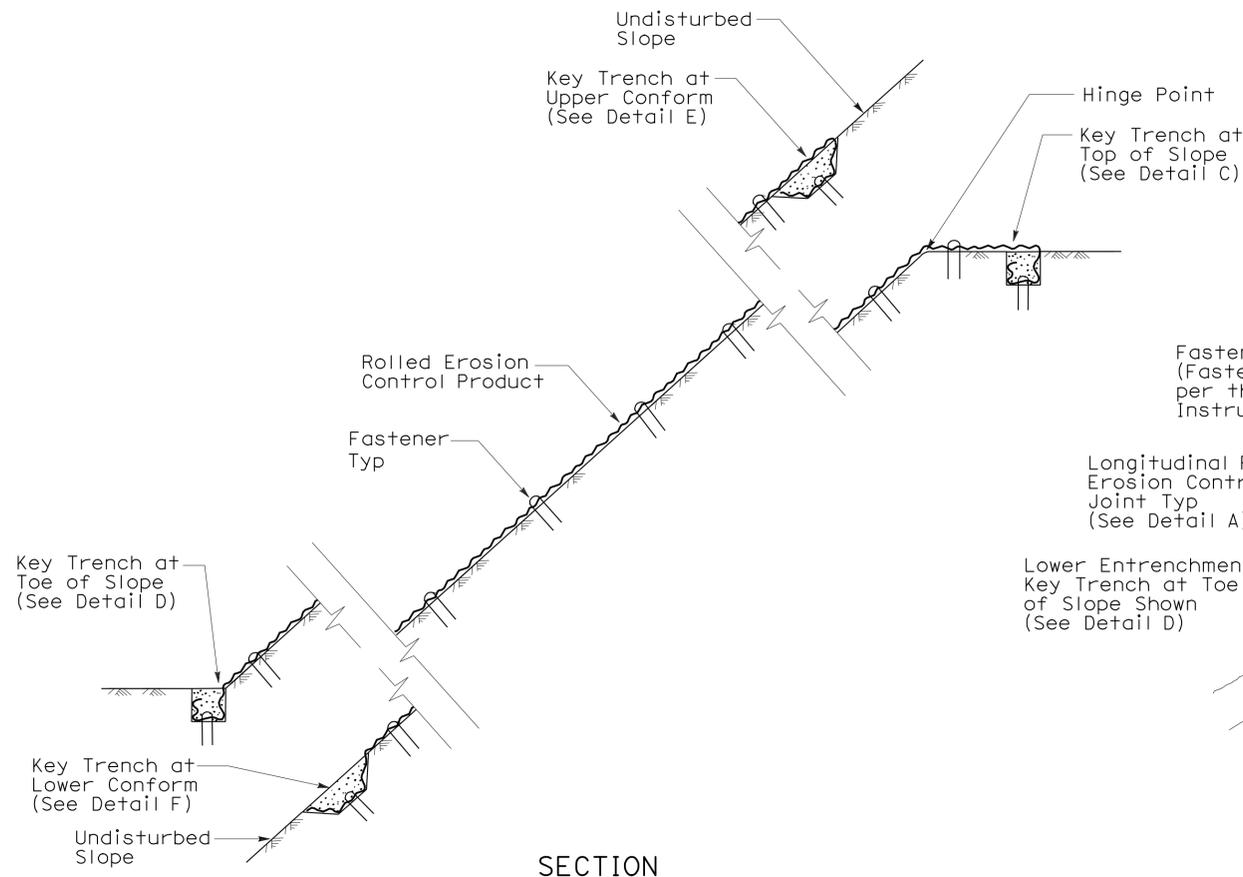
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	39	160

Gregory A. Balzer
 LICENSED LANDSCAPE ARCHITECT
 June 5, 2009
 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

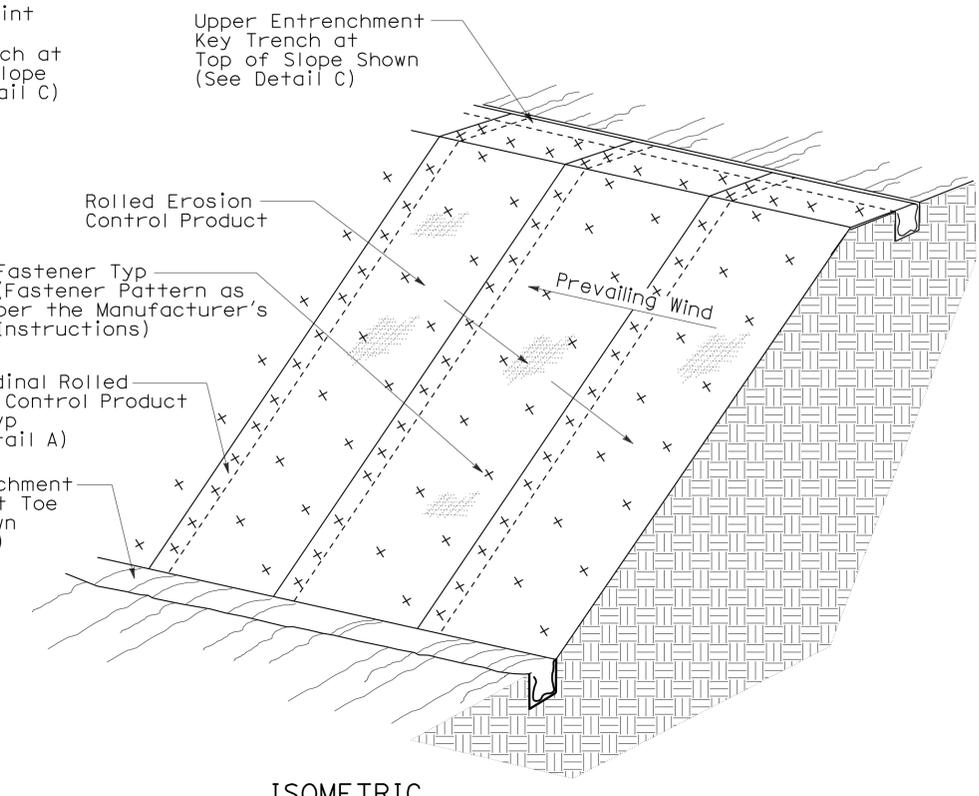


To accompany plans dated 3-7-11

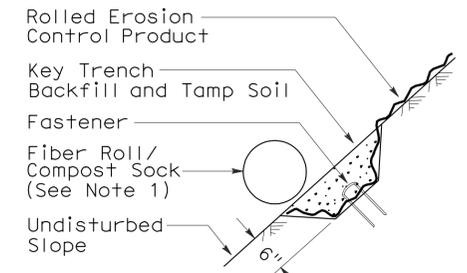
- NOTE:**
1. Fiber Roll/Compost Sock shown for reference purposes only.
 2. If transverse rolled erosion control product joints are required on slopes, see Detail B.



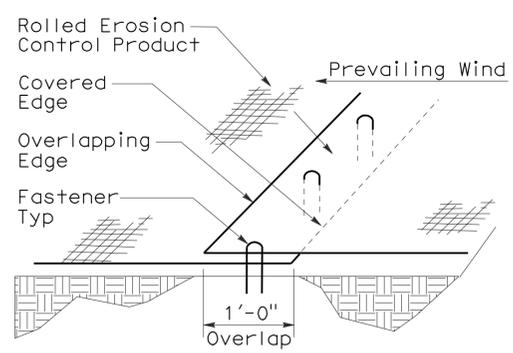
SECTION
ROLLED EROSION CONTROL PRODUCT
ON SLOPE WITH VARIOUS KEY ENTRENCHMENTS



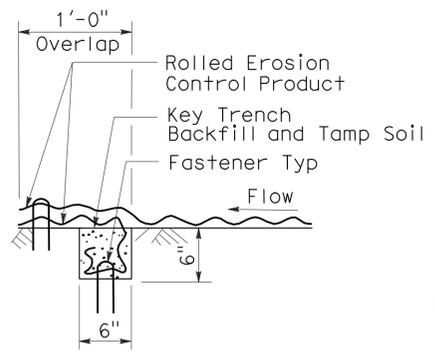
ISOMETRIC
ROLLED EROSION CONTROL PRODUCT
ON SLOPE



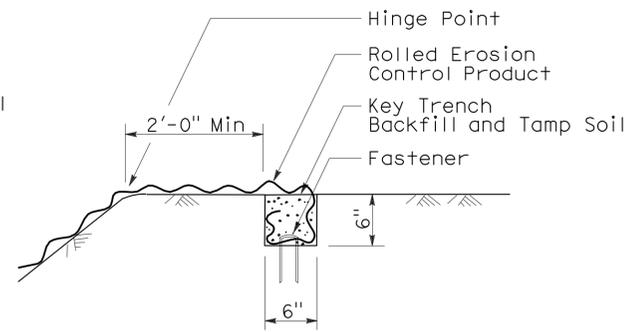
SECTION
DETAIL F
KEY TRENCH AT
LOWER CONFORM



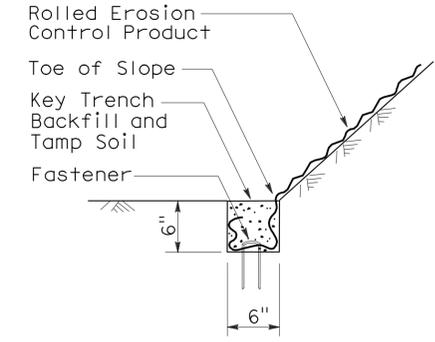
PERSPECTIVE
DETAIL A
LONGITUDINAL ROLLED EROSION
CONTROL PRODUCT JOINT



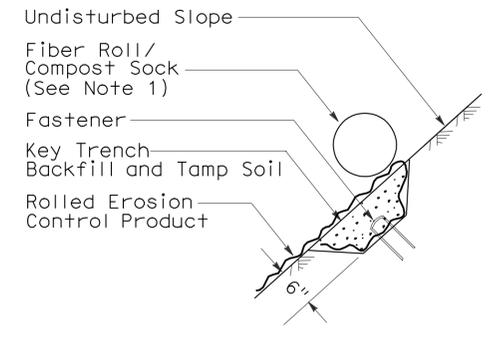
SECTION
DETAIL B
TRANSVERSE ROLLED EROSION
CONTROL PRODUCT JOINT



SECTION
DETAIL C
KEY TRENCH AT
TOP OF SLOPE



SECTION
DETAIL D
KEY TRENCH AT
TOE OF SLOPE



SECTION
DETAIL E
KEY TRENCH AT
UPPER CONFORM

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

ROLLED EROSION CONTROL PRODUCT

NO SCALE

NSP H53 DATED JUNE 5, 2009 SUPPLEMENTS
 THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP H53

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	40	160

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

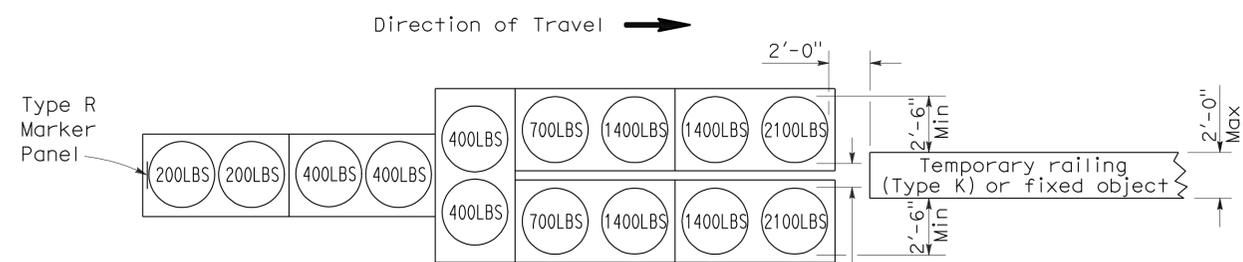
June 6, 2008
PLANS APPROVAL DATE

Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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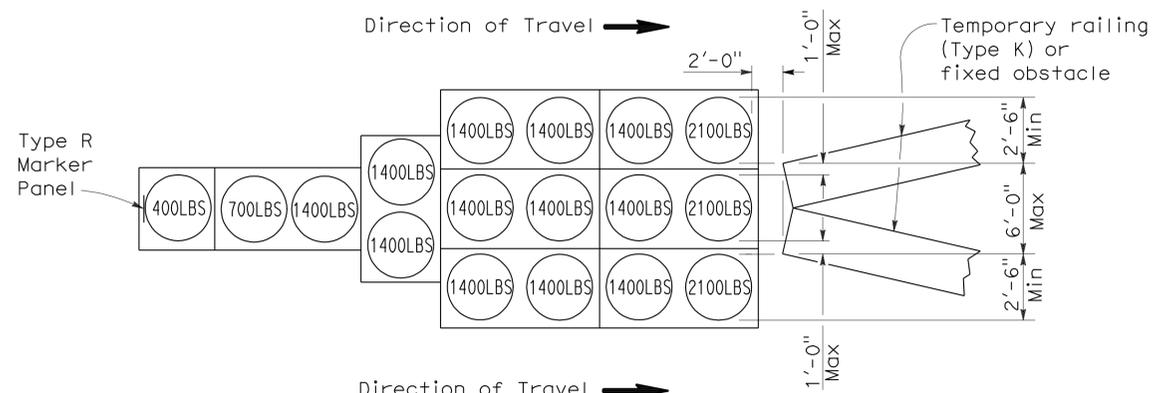
To accompany plans dated 3-7-11

2006 REVISED STANDARD PLAN RSP T1A



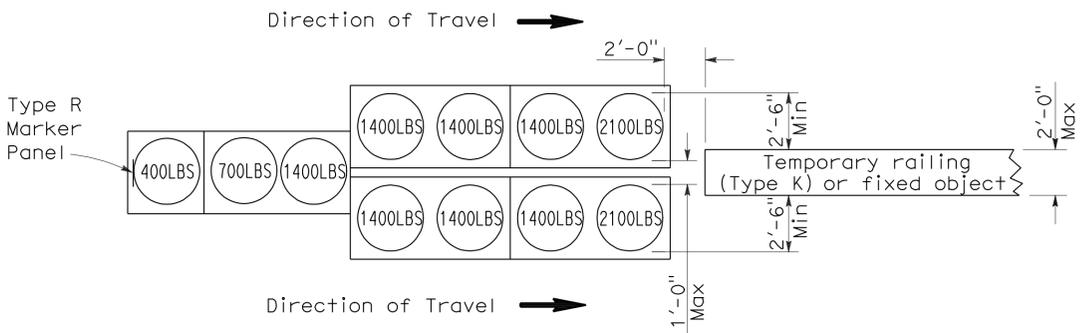
ARRAY 'TU14'

Approach speed 45 mph or more



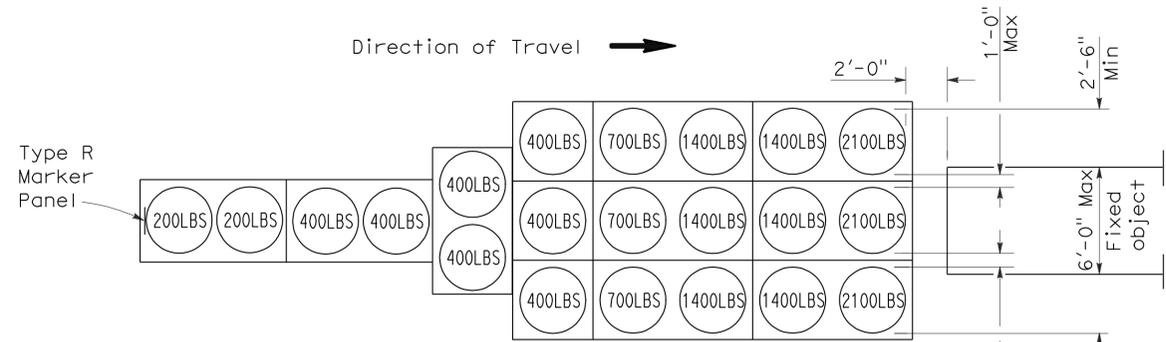
ARRAY 'TU17'

Approach speed less than 45 mph



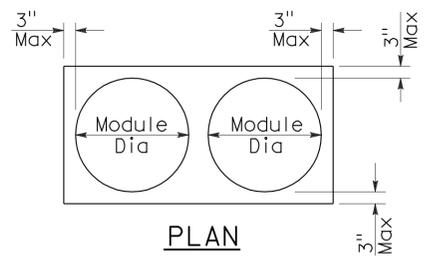
ARRAY 'TU11'

Approach speed less than 45 mph

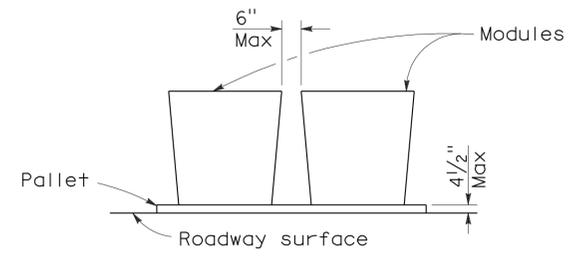


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

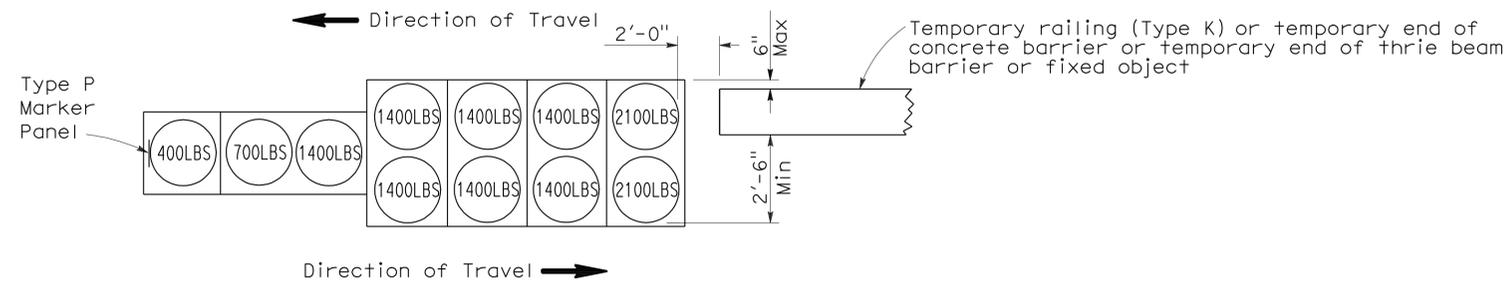
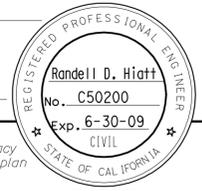
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	41	160

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

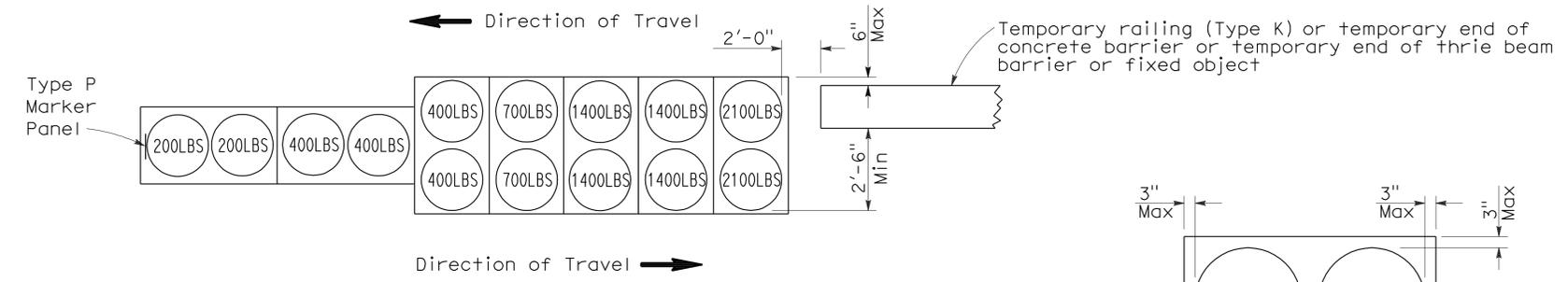
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-7-11



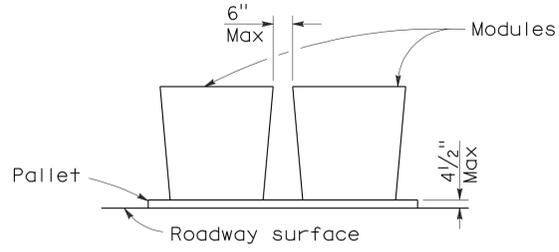
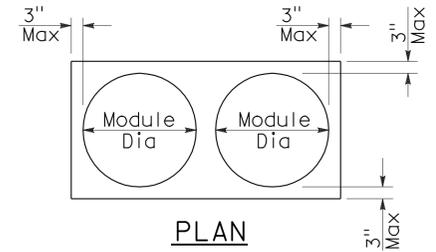
ARRAY 'TB11'

Approach speed less than 45 mph



ARRAY 'TB14'

Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(BIDIRECTIONAL)**
NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

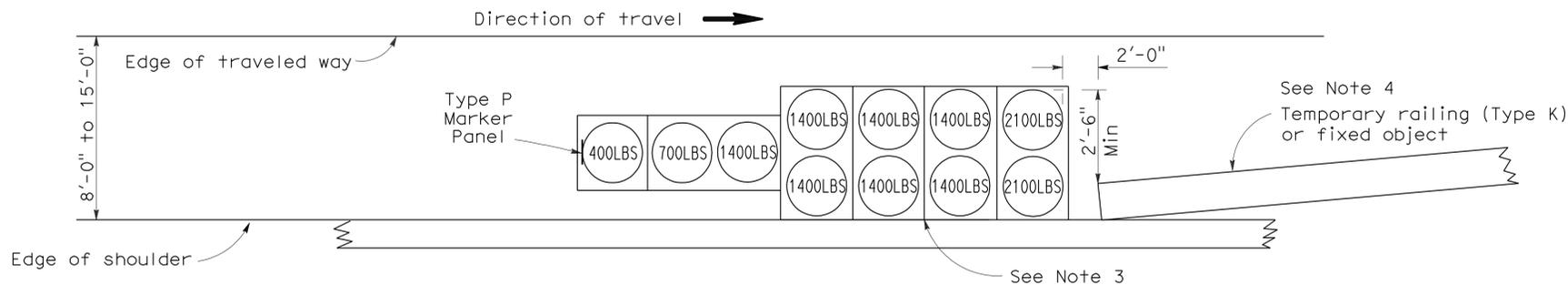
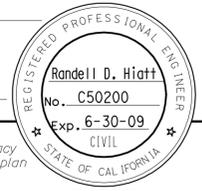
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	42	160

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

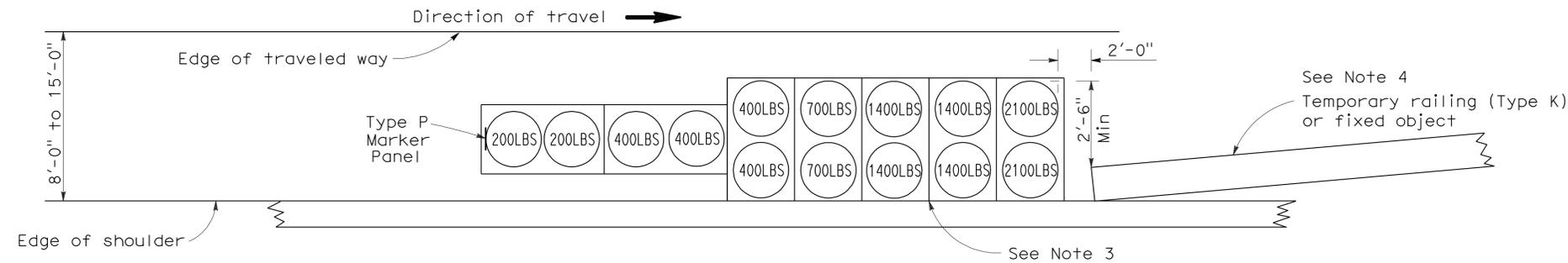
June 6, 2008
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

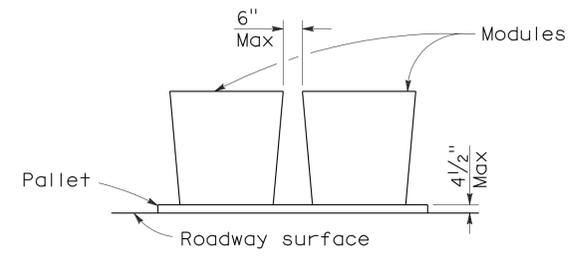
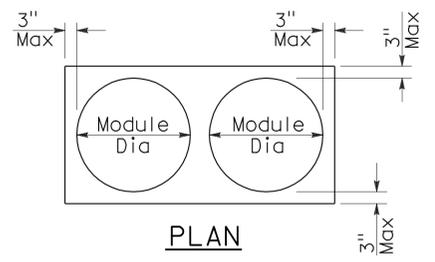
To accompany plans dated 3-7-11



ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



ARRAY 'TS14'
Approach speed 45 mph or more
See Note 9



CRASH CUSHION PALLET DETAIL
See Note 11

NOTES:

- (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
- All sand weights are nominal.
- The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
- If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

NO SCALE
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

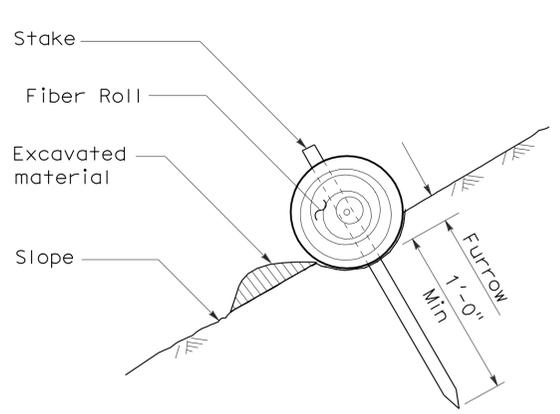
REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	43	160

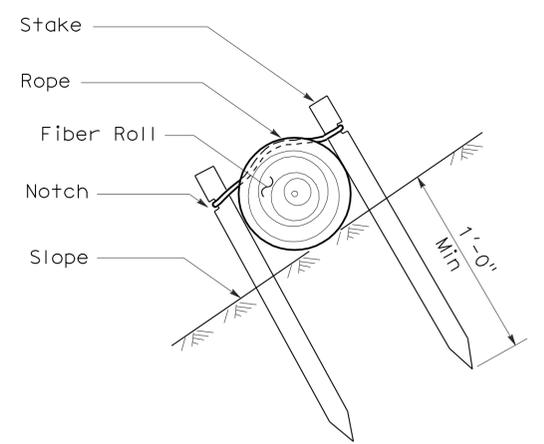
Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-7-11



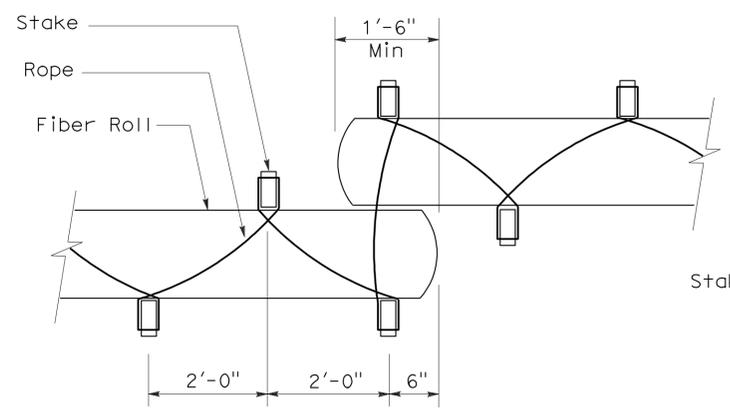
SECTION

TEMPORARY FIBER ROLL (TYPE 1)

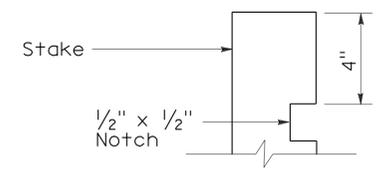


SECTION

TEMPORARY FIBER ROLL (TYPE 2)



PLAN

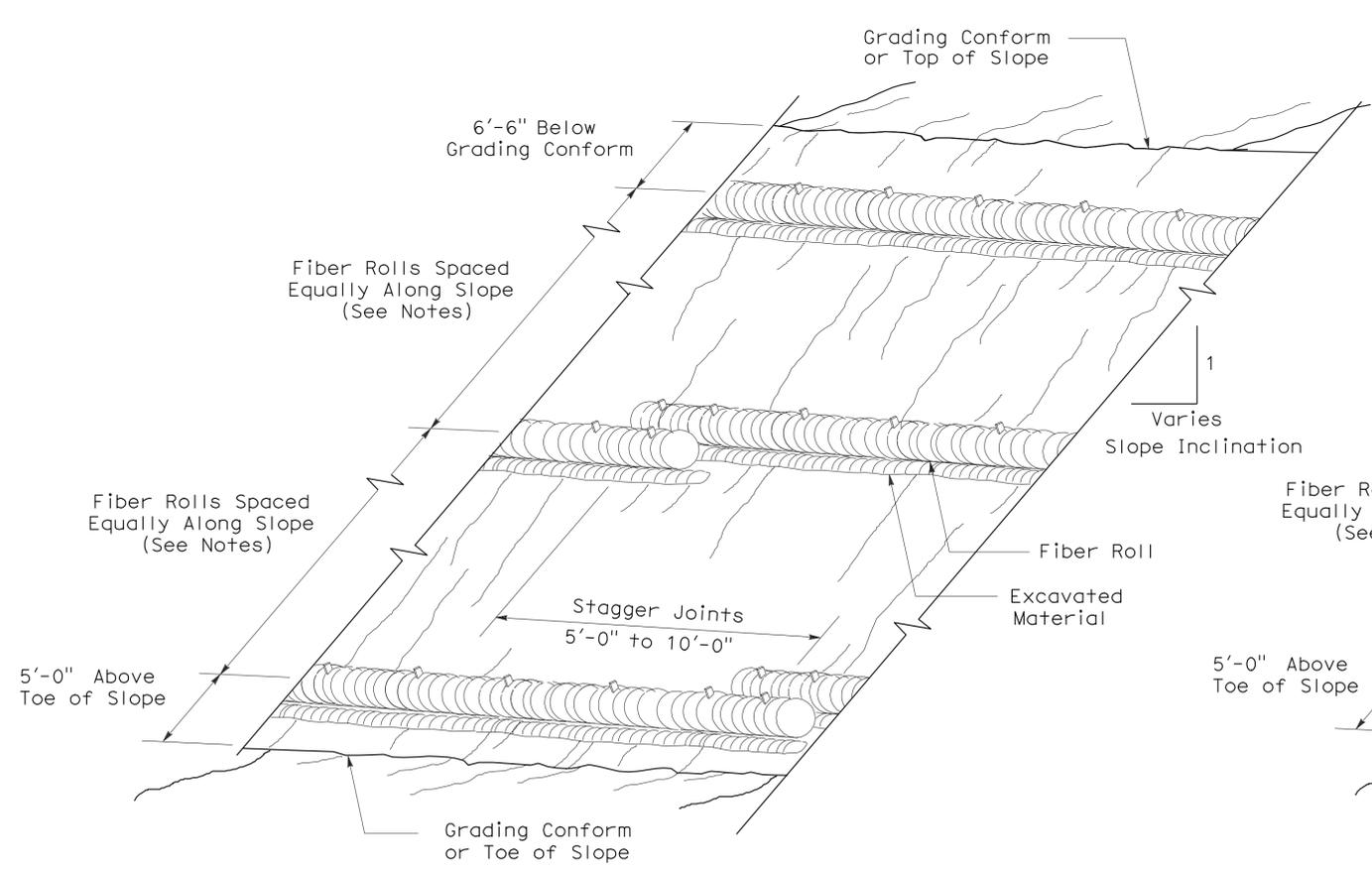


ELEVATION

STAKE NOTCH DETAIL

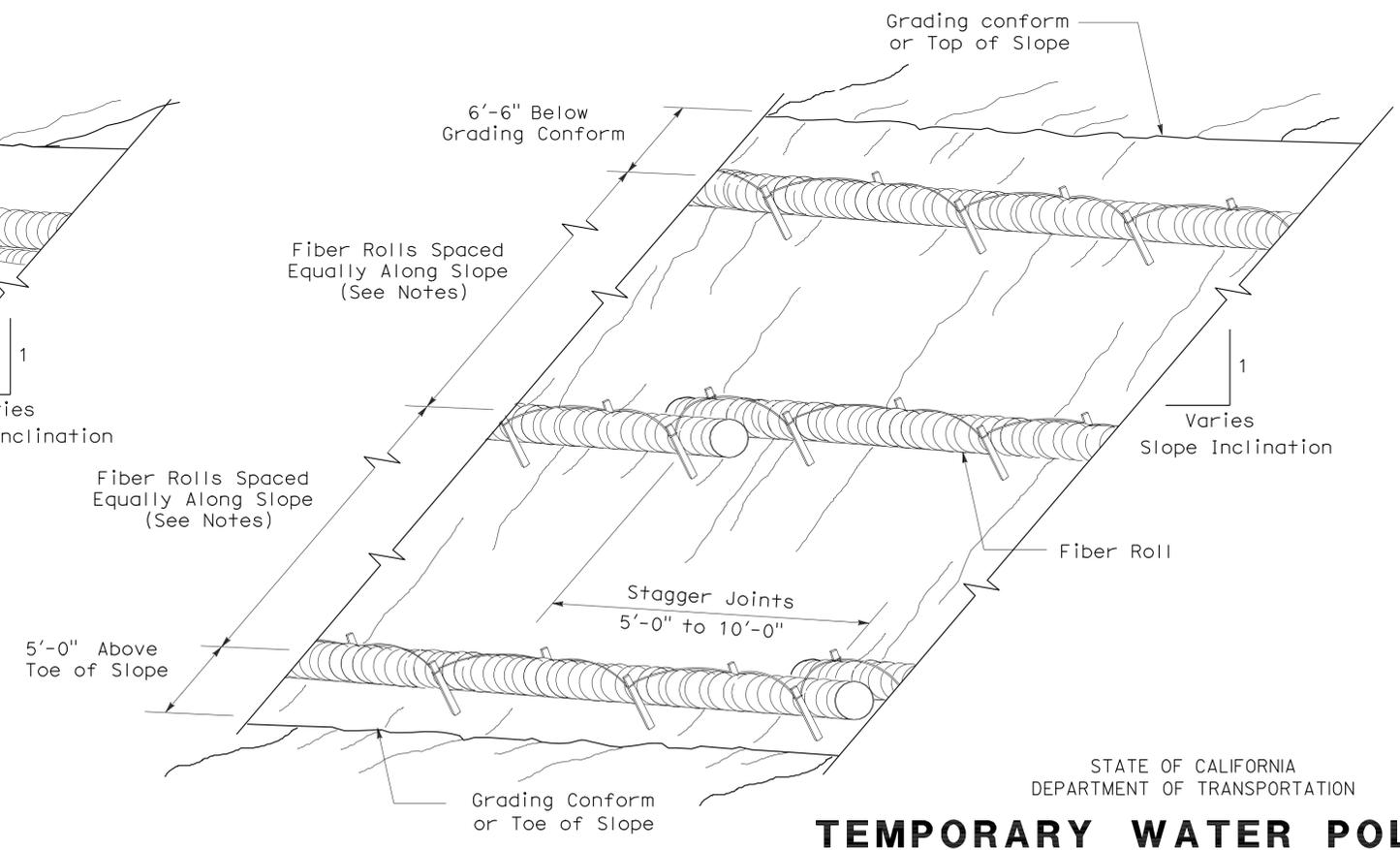
NOTES:

1. Temporary fiber roll spacing varies depending upon slope inclination.
2. Installations shown in the perspectives are for slope inclination of 10:1 and steeper.



PERSPECTIVE

TEMPORARY FIBER ROLL (TYPE 1)



PERSPECTIVE

TEMPORARY FIBER ROLL (TYPE 2)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY FIBER ROLL)

NO SCALE

RSP T56 DATED APRIL 3, 2009 SUPERSEDES STANDARD PLAN T56 DATED MAY 1, 2006 - PAGE 232 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T56

2006 REVISED STANDARD PLAN RSP T56

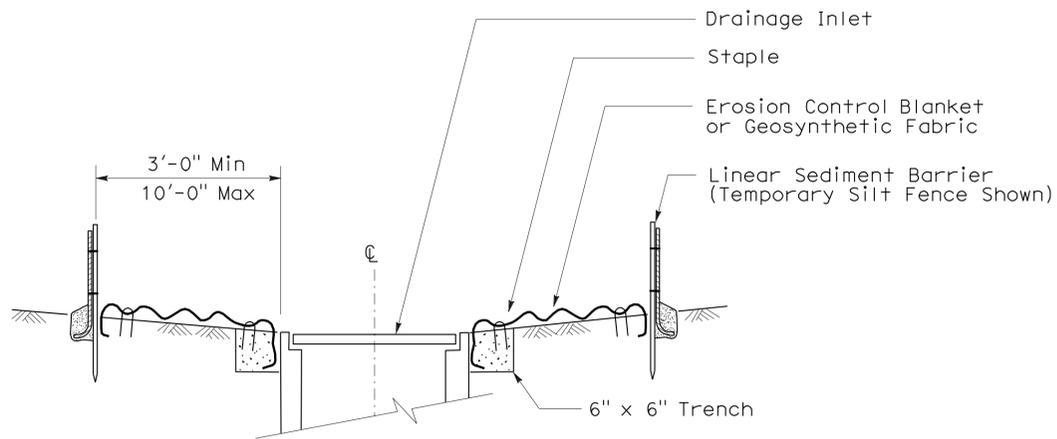
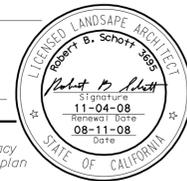
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	44	160

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT

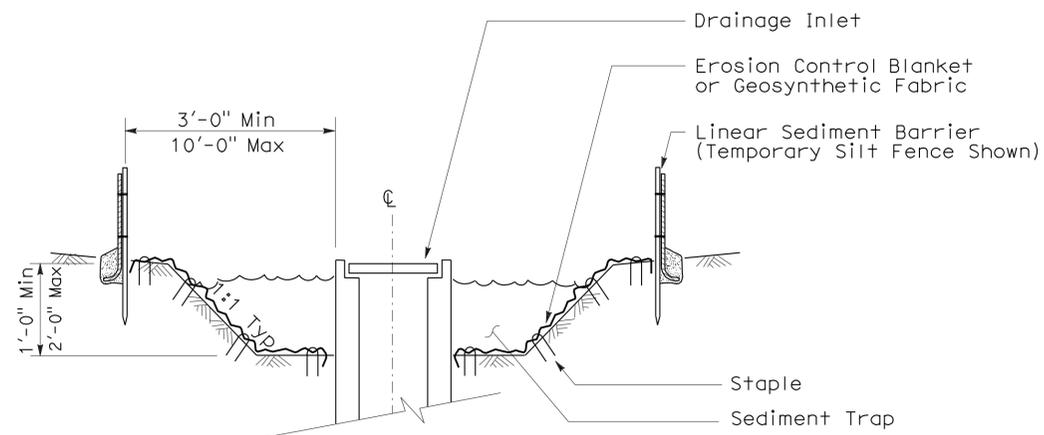
August 15, 2008
 PLANS Approval DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 3-7-11



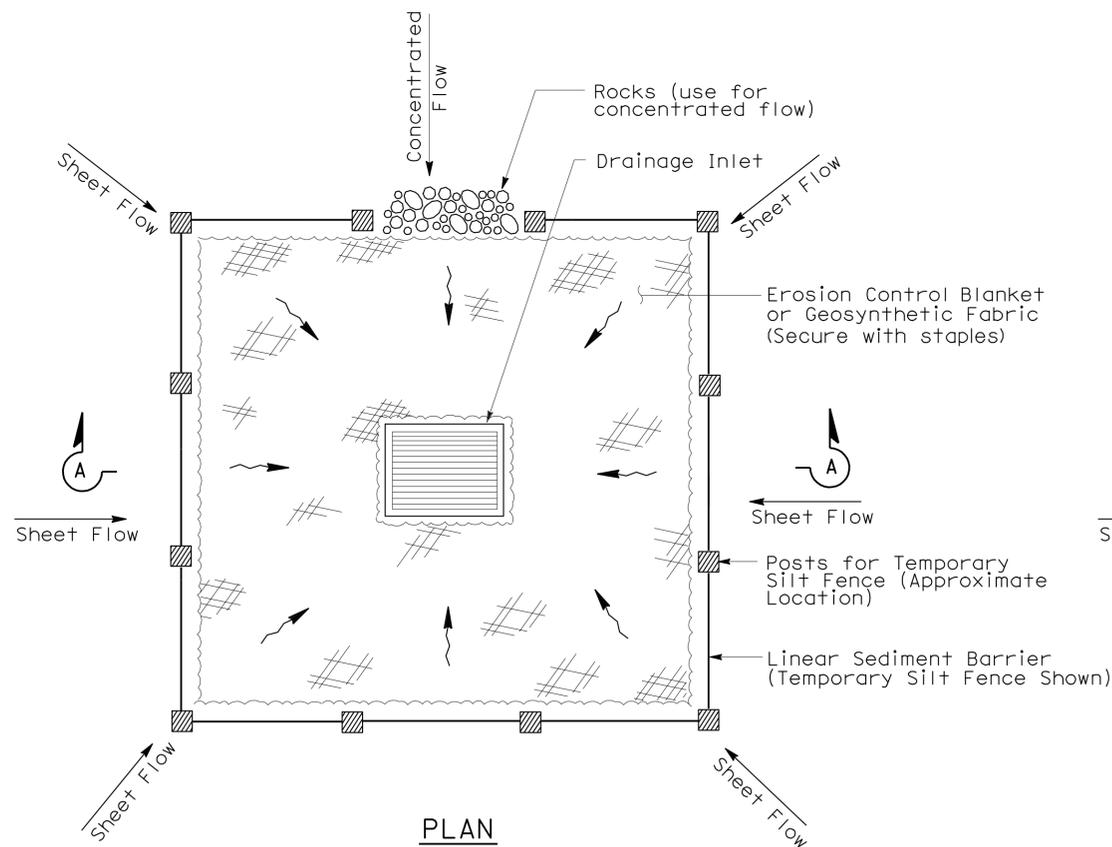
SECTION A-A



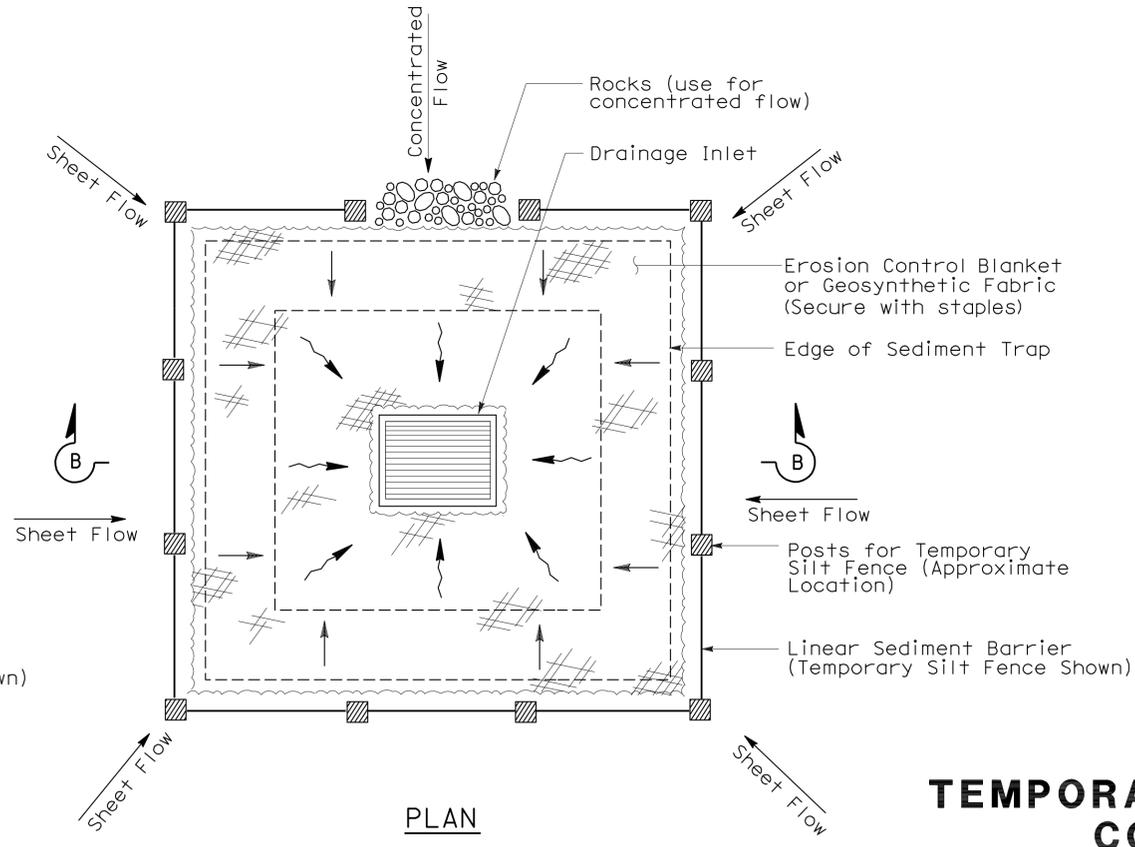
SECTION B-B

NOTES:

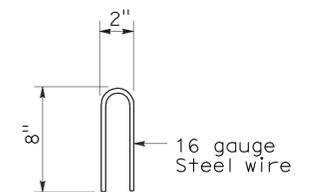
1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 1)



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 2) (EXCAVATED SEDIMENT TRAP)



STAPLE DETAIL

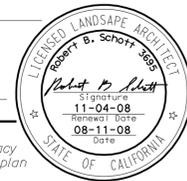
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

NO SCALE

NSP T61 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T61

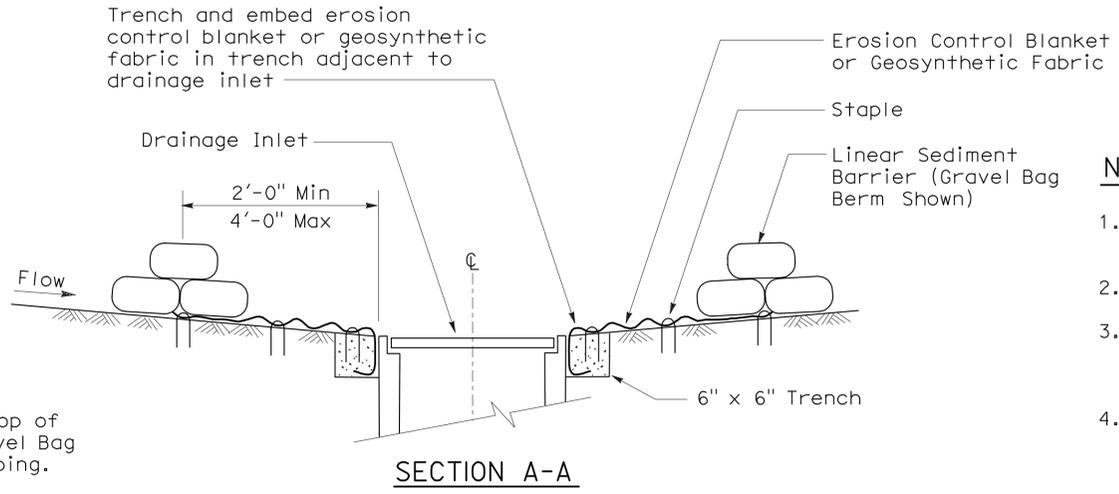
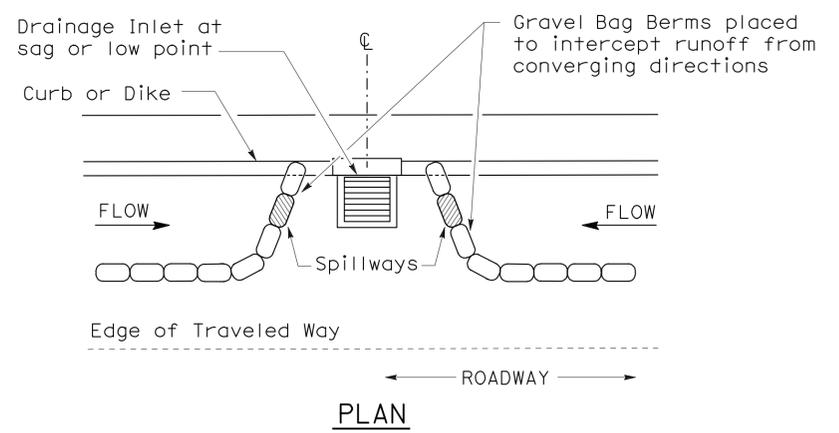


To accompany plans dated 3-7-11

GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

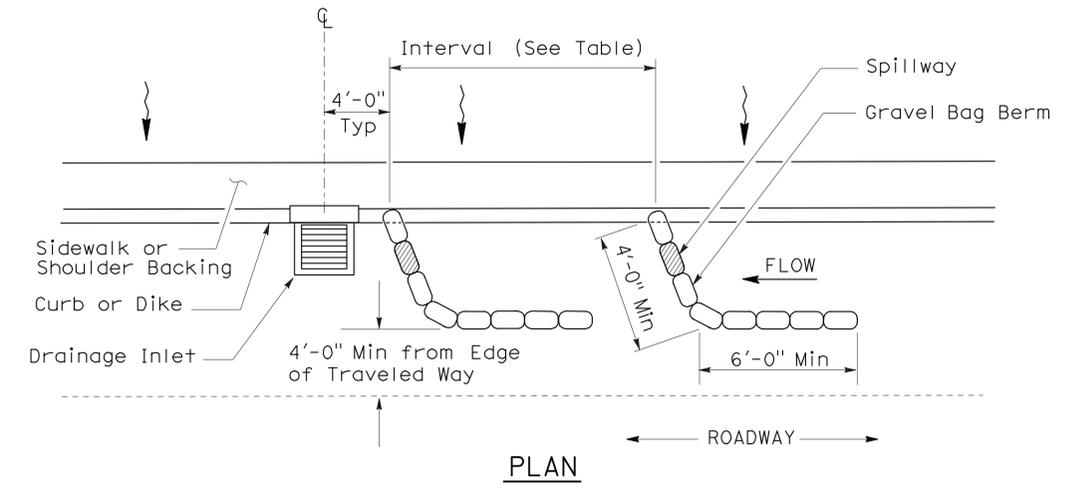
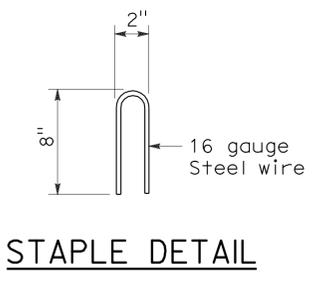
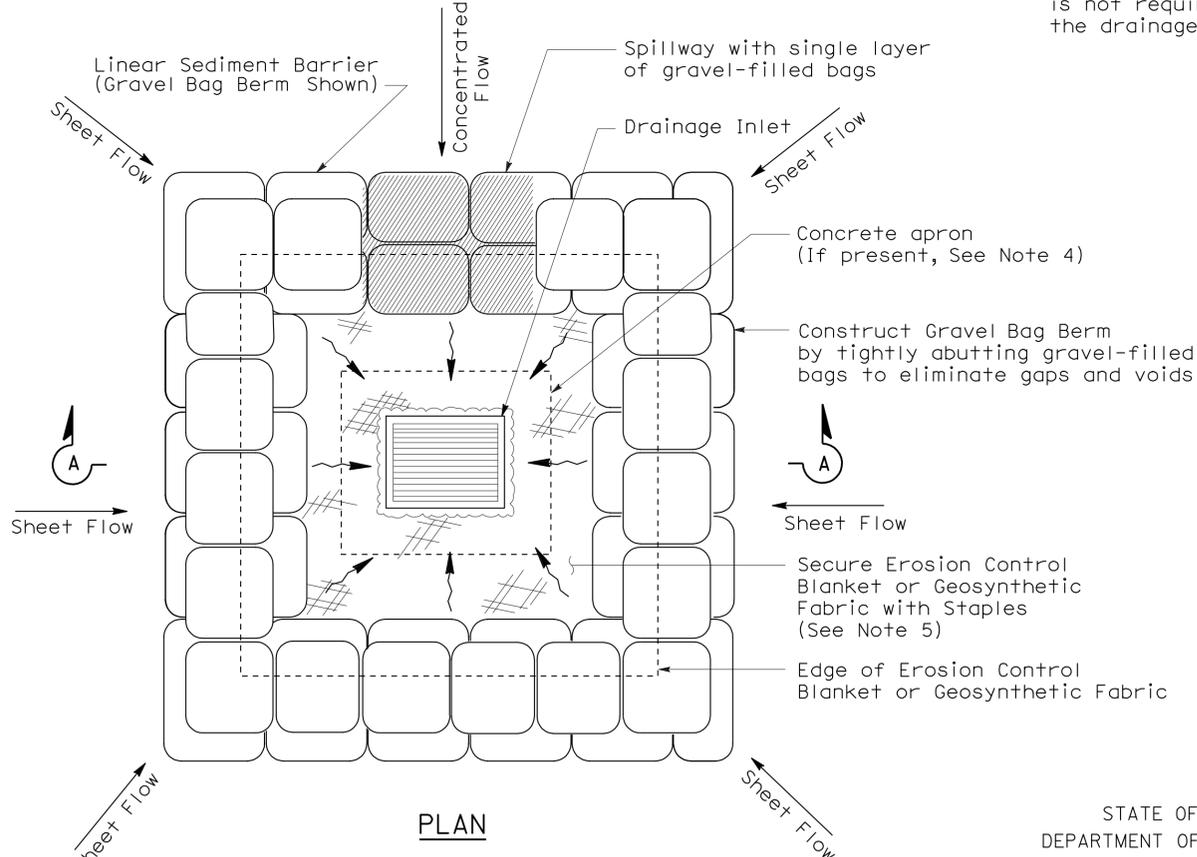
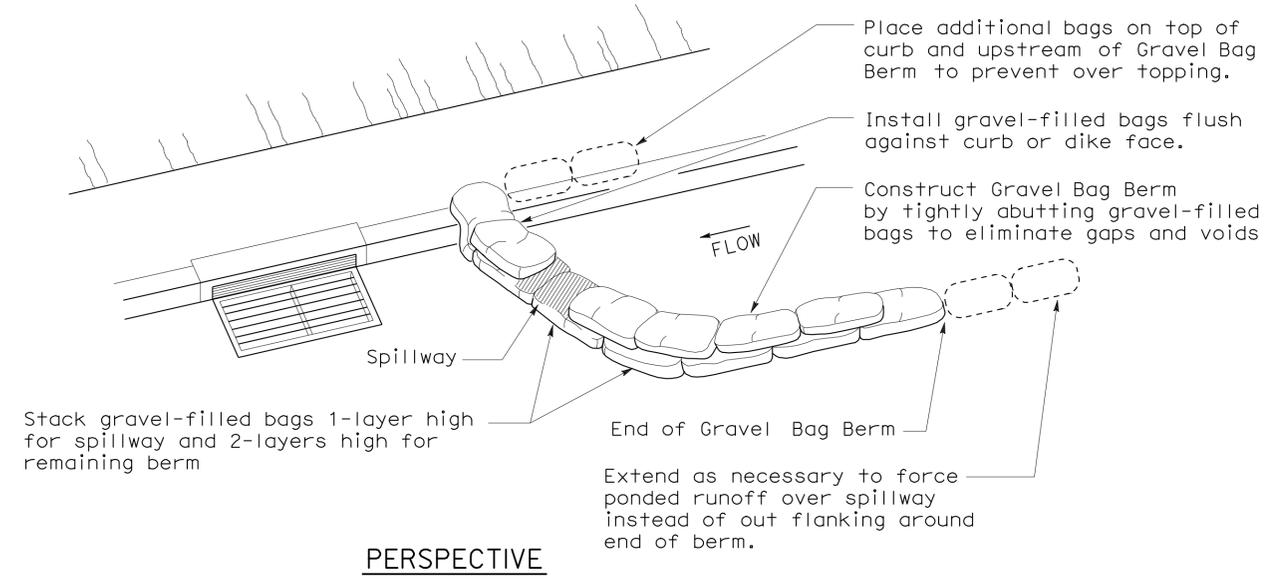
SLOPE OF ROADWAY (PERCENT)	1 to 3.9	4 to 5.9	6 to 7.9	8 to 10	10+
INTERVAL BETWEEN BERM	100'	75'	50'	25'	12'

For slope of less than 1%, install barriers only if erosion/sediment is prevalent



NOTES:

1. Place safety cones adjacent to drainage inlet protection.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 gravel bag berms upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated or paved.



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3A) (GRAVEL BAG BERM)

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3B)

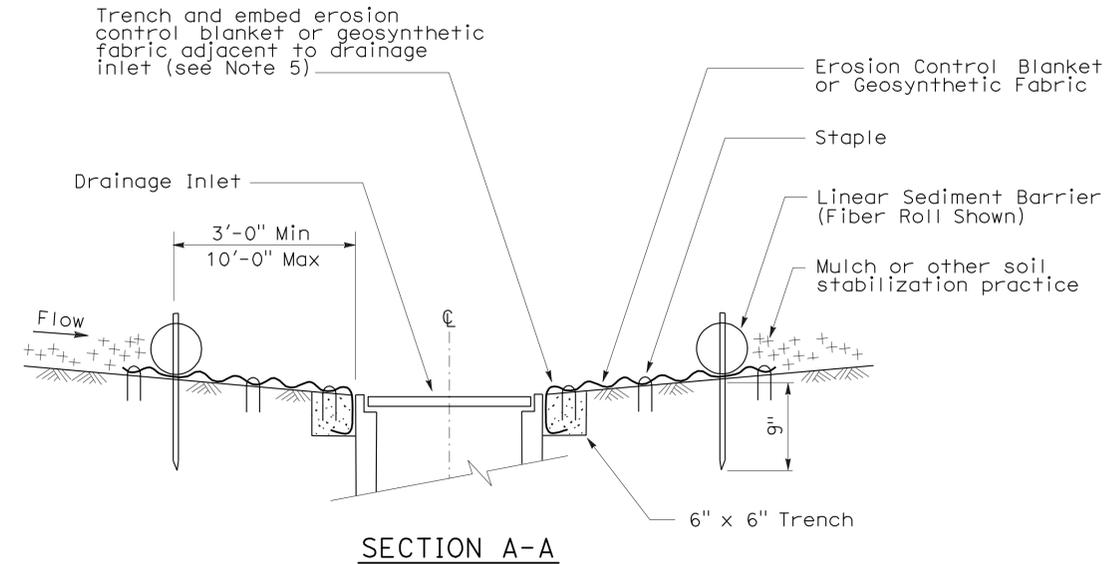
TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

NO SCALE
 NSP T62 DATED AUGUST 15, 2008 SUPPLEMENTS
 THE STANDARD PLANS BOOK DATED MAY 2006.

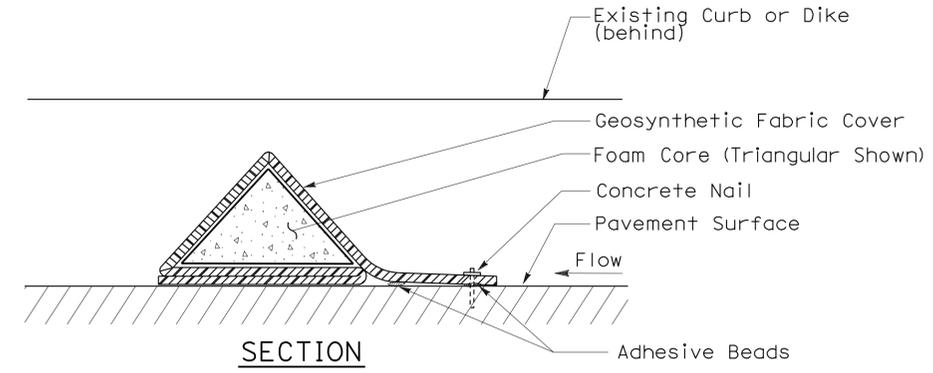
2006 NEW STANDARD PLAN NSP T62

FLEXIBLE SEDIMENT BARRIER SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	0 to 0.9	1 to 1.9	2 to 2.9	3 to 4	5+
INTERVAL BETWEEN BARRIERS	50'	35'	30'	25'	20'
ANGLE FROM FACE OF CURB	70°	70°	70°	45°	45°
SUGGESTED BARRIER LENGTH	6'	6'	6'	6'	6'



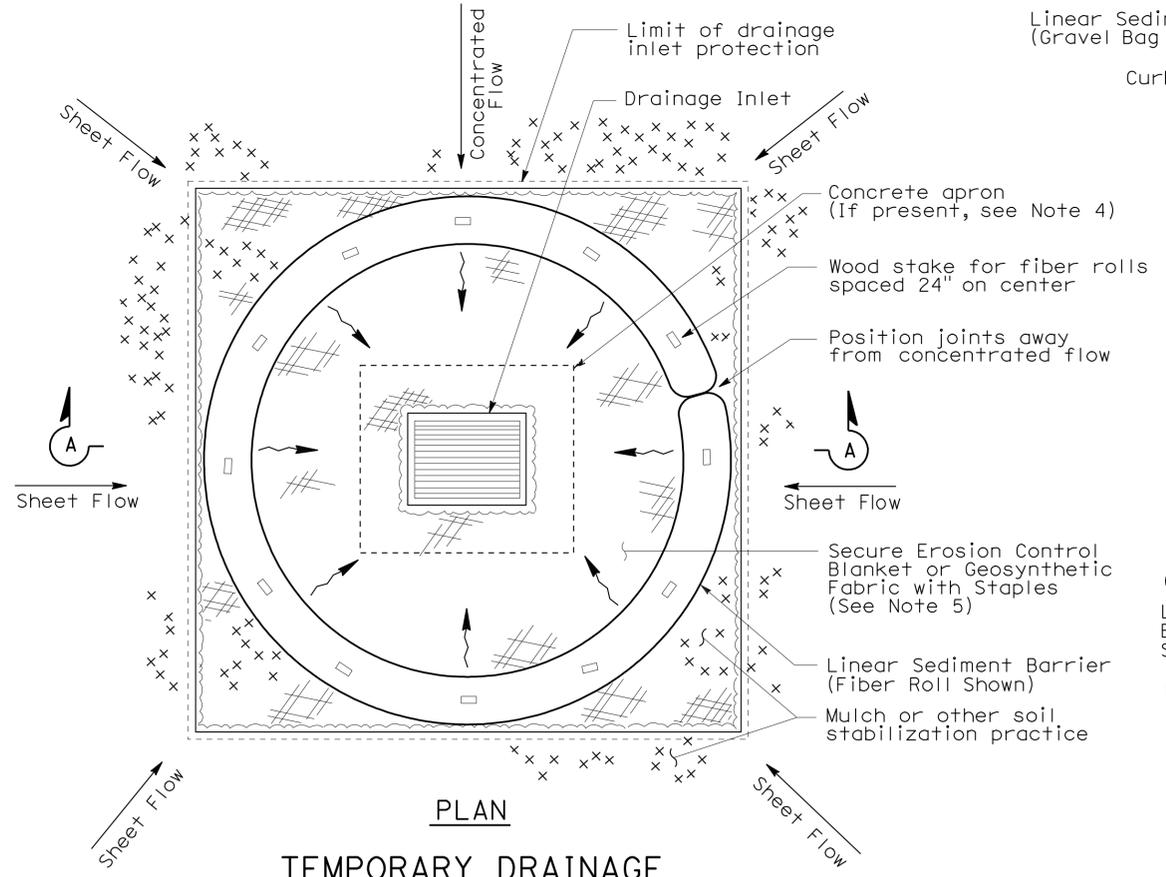
SECTION A-A



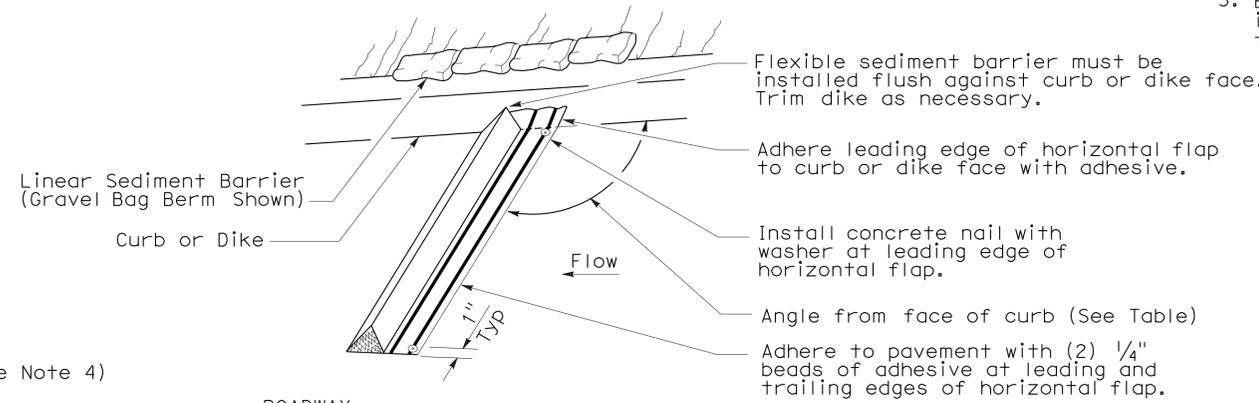
FLEXIBLE SEDIMENT BARRIER DETAIL (FOAM BARRIER SHOWN)

NOTES:

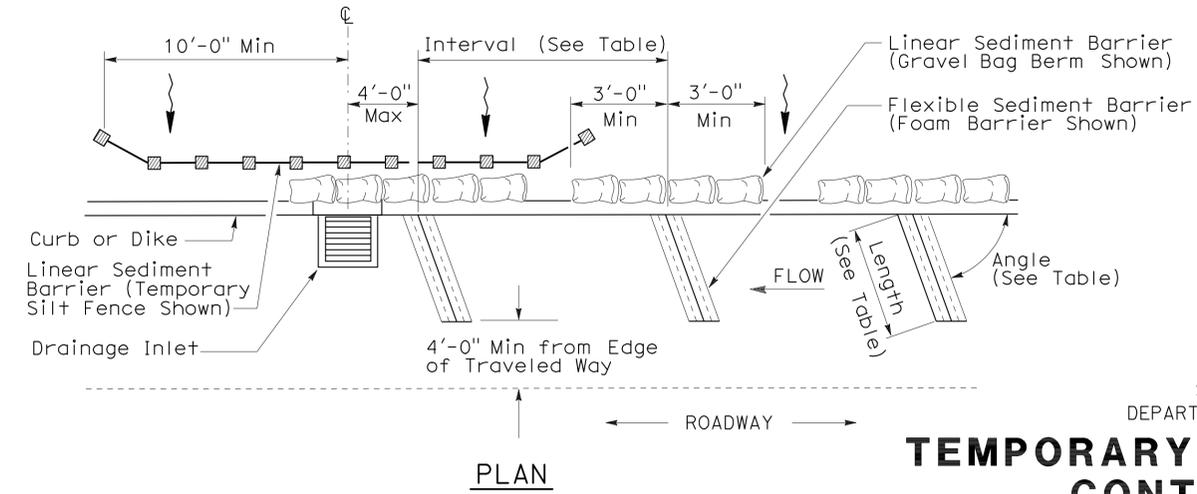
1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 flexible sediment barriers upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated.



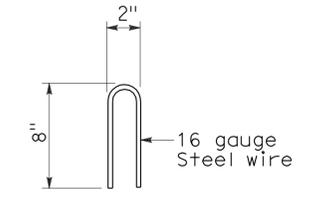
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4A)



PERSPECTIVE



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4B) FLEXIBLE SEDIMENT BARRIER



STAPLE DETAIL

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

NO SCALE
NSP T63 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T63

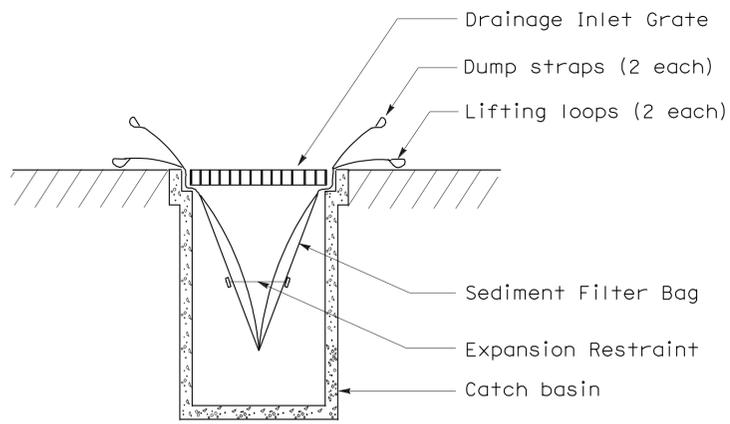
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	47	160

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT

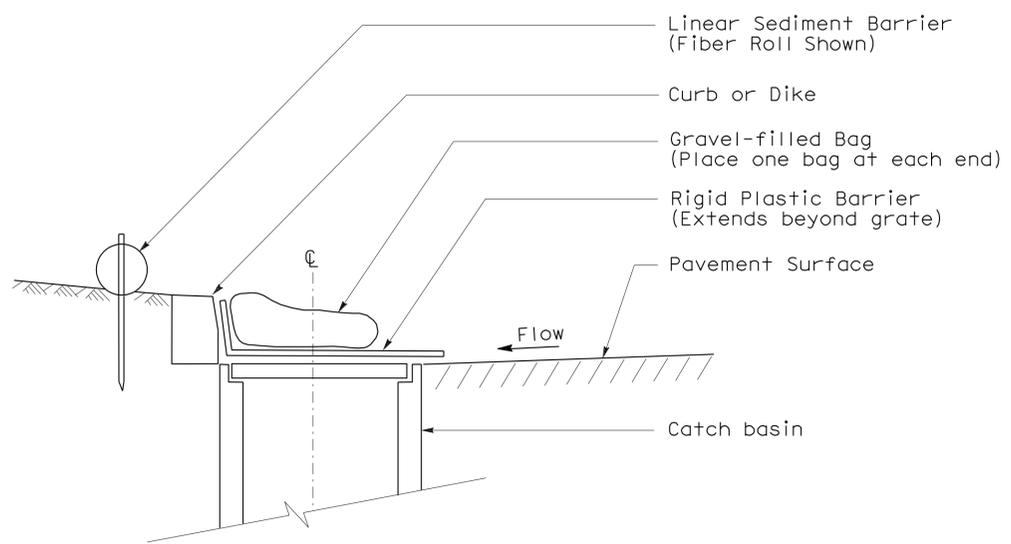
August 15, 2008
 PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

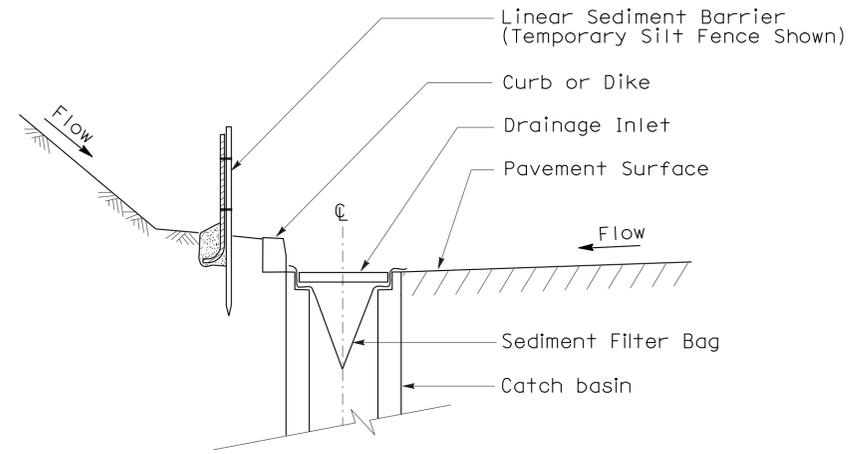
To accompany plans dated 3-7-11



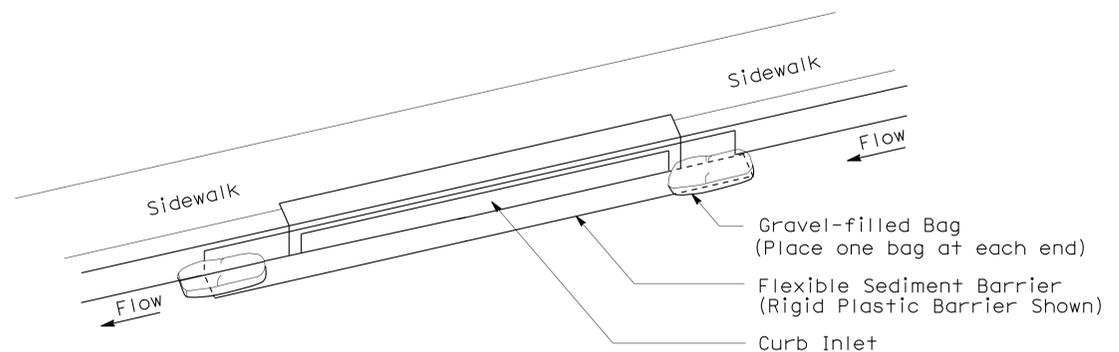
SECTION B-B
SEDIMENT FILTER BAG DETAIL



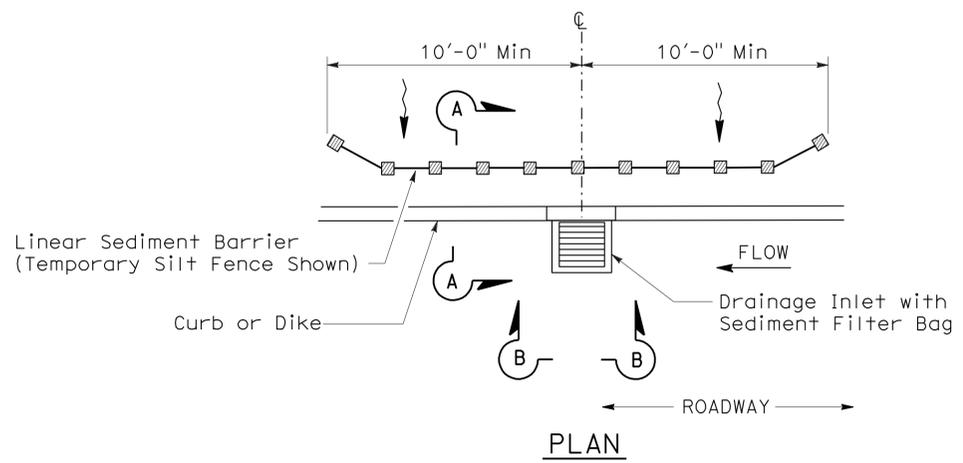
SECTION
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 6A)
(CATCH BASIN WITH GRATE)



SECTION A-A



PERSPECTIVE
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 6B)
(CURB INLET WITHOUT GRATE)



PLAN
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 5)
(SEDIMENT FILTER BAG)

- NOTES:**
1. See Standard Plan T51 for Temporary Silt Fence.
 2. Dimensions may vary to fit field conditions.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

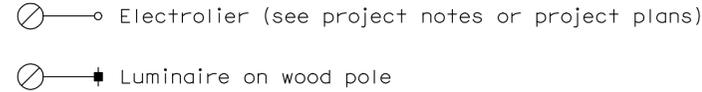
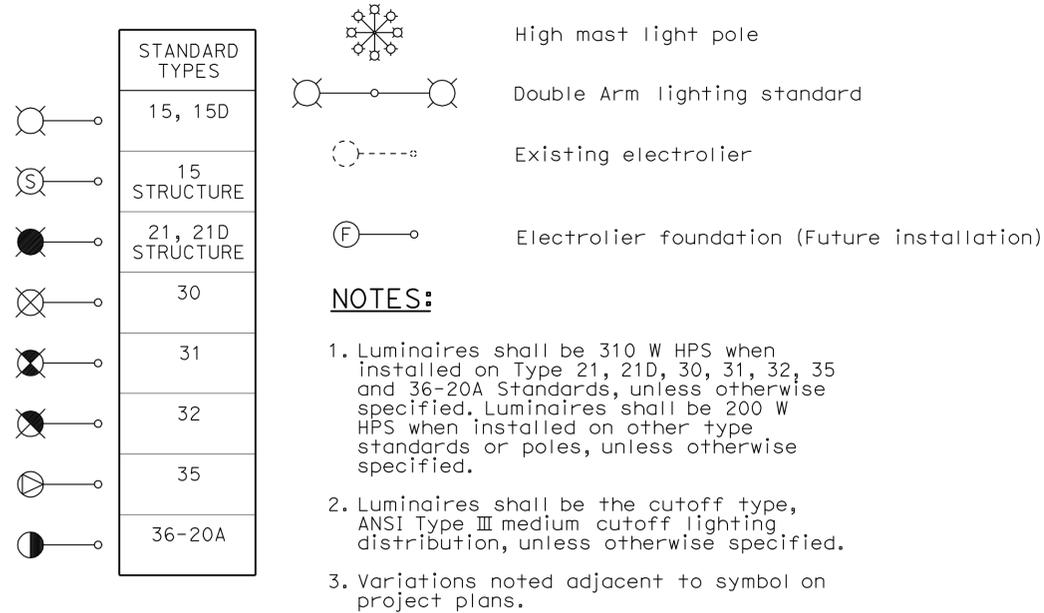
NO SCALE

NSP T64 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T64

2006 NEW STANDARD PLAN NSP T64

ELECTROLIERS



STANDARD NOTES:

- AB** Abandon. If applied to conduit, remove conductors.
- BC** Install pull box in existing conduit run.
- BP** Pedestrian barricade, type as indicated on plan.
- CB** Install conduit into existing pull box.
- CC** Connect new and existing conduit. Remove existing conductors and install conductors as indicated.
- CF** Conduit to remain for future use. Remove conductors. Install pull wire or rope.
- DH** Detector handhole.
- FA** Foundation to be abandoned.
- IS** Install sign on signal mast arm.
- NS** No slip base on standard.
- PEC** Photoelectric control.
- PEU** Photoelectric unit.
- RC** Equipment or material to be removed and become the property of the Contractor.
- RE** Remove electrolier, fuses and ballast. Tape ends of conductors.
- RL** Relocate equipment.
- RR** Remove and reuse equipment.
- RS** Remove and salvage equipment.
- SC** Splice new to existing conductors.
- SD** Service disconnect.
- SF** Standard to remain for future use. Remove luminaire, pole conductors, fuses and ballast.
- TSP** Telephone service point.

ABBREVIATIONS AND EQUIPMENT DESIGNATIONS

PROPOSED EXISTING

BBS	bbs	Battery backup system
BC	bc	Bolt circle
C	C	Conduit
CCTV	cctv	Closed circuit television
CKT	ckt	Circuit
CMS	cms	Changeable message sign
DLC	dlc	Loop detector lead-in cable
EMS	ems	Extinguishable message sign
EVC	evc	Emergency vehicle cable
EVD	evd	Emergency vehicle detector
FB	fb	Flashing beacon
FBCA	fbca	Flashing beacon control assembly
FBS	fbs	Flashing beacon with slip base
FO	fo	Fiber optic
G	G	Ground (Equipment Grounding Conductor)
GFCI	GFCI	Ground fault circuit interrupt
HAR	har	Highway advisory radio
HEX	hex	Hexagonal
HPS	hps	High pressure sodium
IISNS	iisns	Internally illuminated street name sign
ISL	isl	Induction sign lighting
LED	led	Light emitting diode
LMA	lma	Luminaire mast arm
LPS	lps	Low pressure sodium
LTG	ltg	Lighting
LUM	lum	Luminaire
MAT	mat	Mast arm mounting vehicle signal faces, top attachment
MAS	mas	Mast arm mounting vehicle signal faces, side attachment
MAS-4A	mas-4A	Mast arm mounting vehicle signal faces, side attachment - 4 signal section
MAS-4B	mas-4B	
MAS-4C	mas-4C	
MAS-5A	mas-5A	Mast arm mounting vehicle signal faces, side attachment - 5 signal section
MAS-5B	mas-5B	
MC	mc	Mercury contactor
M/M	m/m	Multiple to multiple transformer
MT	mt	Conduit with pull wire or rope only
MTG	mtg	Mounting
	mv	Mercury vapor lighting fixture
N	N	Neutral (Grounded Conductor)
NC	NC	Normally closed
NO	NO	Normally open
PB	pb	Pull box
PEC	pec	Photoelectric control (Type I, II, III, IV or V as shown)
PED	ped	Pedestrian
PEU	peu	Photoelectric unit
PPB	ppb	Pedestrian push button
RL		Relocated equipment
RM	rm	Ramp metering
SB	sb	Slip base
SIC	sic	Signal interconnect cable
SIG	sig	Signal
SMA	sma	Signal mast arm
SNS	sns	Street name sign
SP	sp	Service point
TDC	tdc	Telephone demarcation cabinet
TMS	tms	Traffic monitoring station
TOS	tos	Traffic Operations System
VEH	veh	Vehicle
XFMR	xfmr	Transformer
COMM	comm	Communication
RWIS	rwis	Roadway weather information system

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	48	160

Jeffery G. McRae
REGISTERED ELECTRICAL ENGINEER

October 5, 2007
PLANS APPROVAL DATE

Jeffery G. McRae
No. E14512
Exp. 6-30-08
ELECTRICAL
STATE OF CALIFORNIA

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To accompany plans dated 3-7-11

SOFFIT AND WALL MOUNTED LUMINAIRES

- ◀ □ Pendant, 70 W HPS unless otherwise specified.
- ◀ ○ Flush, 70 W HPS unless otherwise specified.
- ◀ ■ Wall surface, 70 W HPS unless otherwise specified.
- ◀ ⊗ Existing soffit or wall luminaire to remain unmodified.
- ◀ ⊕ Existing soffit or wall luminaire to be modified as specified.

NOTE:

Arrow indicates "street side" of luminaire.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SYMBOLS AND ABBREVIATIONS)

NO SCALE

RSP ES-1A DATED OCTOBER 5, 2007 SUPERSEDES STANDARD PLAN ES-1A DATED MAY 1, 2006 - PAGE 400 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1A

2006 REVISED STANDARD PLAN RSP ES-1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	49	160

Jeffrey G. McRae
 REGISTERED ELECTRICAL ENGINEER
 October 5, 2007
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 Jeffrey G. McRae
 No. E14512
 Exp. 6-30-08
 ELECTRICAL
 STATE OF CALIFORNIA

CONDUIT

PROPOSED	EXISTING	
---	---	Lighting Conduit, unless otherwise indicated or noted
---	---	Traffic signal conduit
-C-	-c-	Communication conduit
-T-	-t-	Telephone conduit
-F-	-f-	Fire alarm conduit
-FO-	-fo-	Fiber optic conduit
---	---	Conduit termination
		Conduit riser in/on structure or service pole

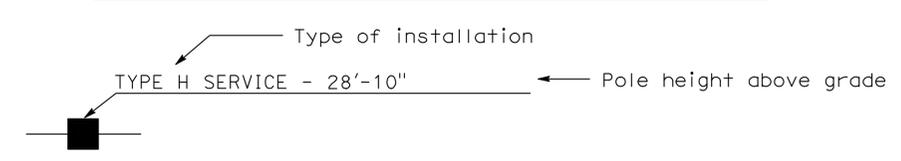
SIGNAL EQUIPMENT

PROPOSED	EXISTING	
		Pedestrian signal face
		Pedestrian push button post
		Pedestrian barricade
		Vehicle signal face (with backplate, 3-Section: red, yellow and green)
		Vehicle signal face with angle visors
		Modifications of basic symbols: "L" indicates all non-arrow sections louvered "LG" indicates louvered green section only "PV" indicates 12" programmed visibility sections "8" indicates all 8" sections (only when specified)
		Type 15TS and Vehicle signal face
		Vehicle signal face with red, yellow and green left arrow sections
		Vehicle signal face with red and yellow sections and up green arrow
		Vehicle signal face (5 Section) with red, yellow and green sections and yellow and green right arrows
		Type 1 Standard and attached vehicle signal faces
		Standard with signal mast arm only and attached vehicle signal faces and internally illuminated street name sign
		Type 33 Standard, Left-turn vehicle signal face and sign
		Standard with luminaire and signal mast arms and attached vehicle signal faces
		Cantilever flashing beacon, Type 9 Frame, with a sign unless otherwise specified or indicated
		Type 15-FBS Standard with two vehicle signal face sections with lens, backplate and visor with a sign
		Flashing beacon. One vehicle signal face section with lens, backplate and visor. "R" indicates red indication, "Y" indicates yellow indication
		Controller assembly. Door indicates front of cabinet

SERVICE EQUIPMENT

PROPOSED	EXISTING	
---OH---	---oh---	Overhead lines
		Wood pole "U" indicates utility owned
		Pole guy with anchor
		Utility transformer - ground mounted
		Service equipment enclosure type
		Service equipment enclosure door indicates front of enclosure
		Telephone demarcation cabinet

POLE-MOUNTED SERVICE DESIGNATION



ILLUMINATED OVERHEAD SIGN

PROPOSED	EXISTING	
		Overhead sign - Single post
		Overhead sign - Two post
		Overhead sign - Mounted on structure
		Overhead sign with electrolier

SIGNAL EQUIPMENT Cont

PROPOSED	EXISTING	
		Guard post
		Type 1 Standard with "Meter On" sign
		Emergency Vehicle detector

NOTES:

- All signal sections shall be 12" unless shown otherwise.
- Signal heads shall be provided with backplates unless shown otherwise.
- Signal indication shall be LED.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
 (SYMBOLS AND ABBREVIATIONS)**
 NO SCALE

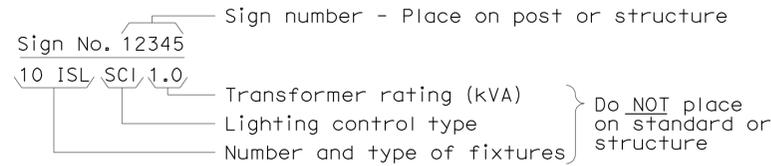
RSP ES-1B DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1B
 DATED MAY 1, 2006 - PAGE 401 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1B

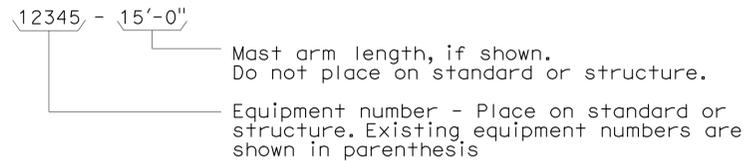
2006 REVISED STANDARD PLAN RSP ES-1B

EQUIPMENT IDENTIFICATION

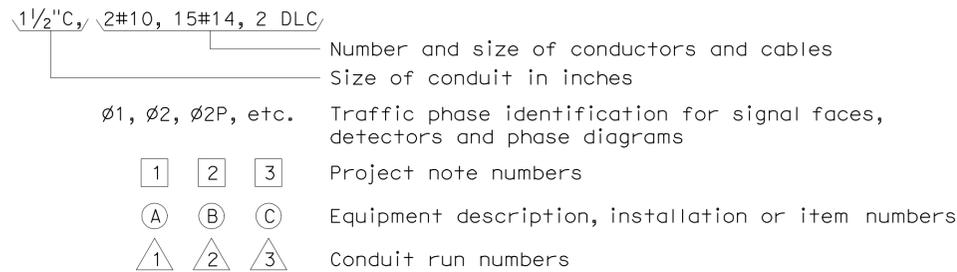
ILLUMINATED SIGN IDENTIFICATION NUMBER:



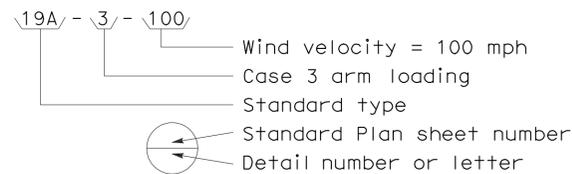
ELECTROLIER OR EQUIPMENT IDENTIFICATION NUMBER:



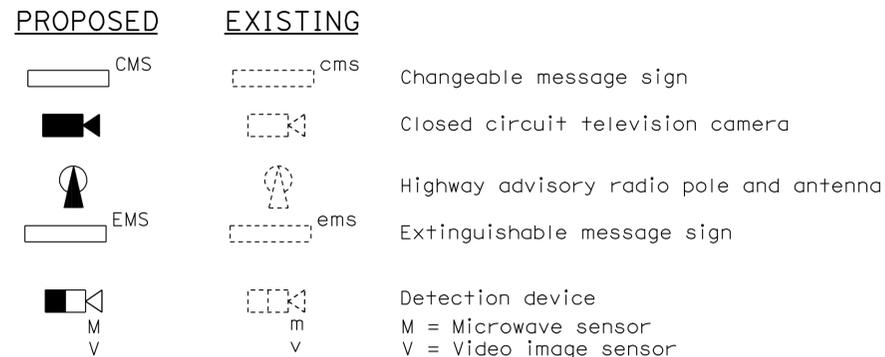
CONDUIT AND CONDUCTOR IDENTIFICATION:



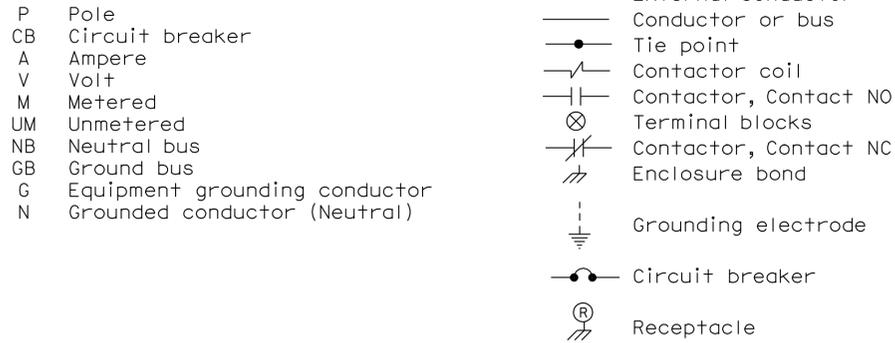
SIGNAL AND LIGHTING STANDARD (TYPICAL DESIGNATION):



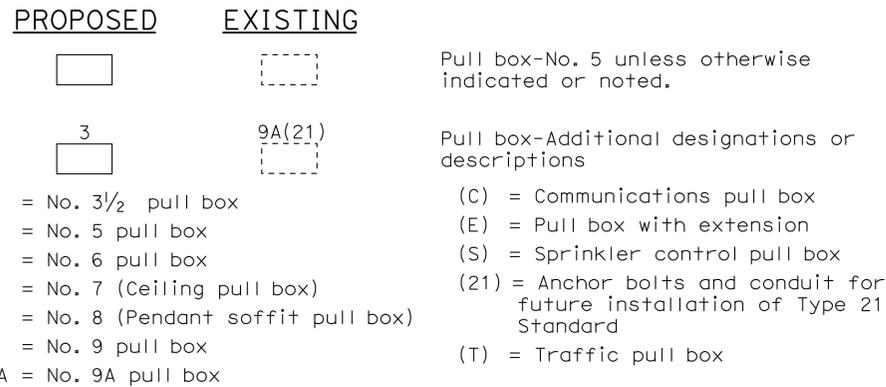
MISCELLANEOUS EQUIPMENT



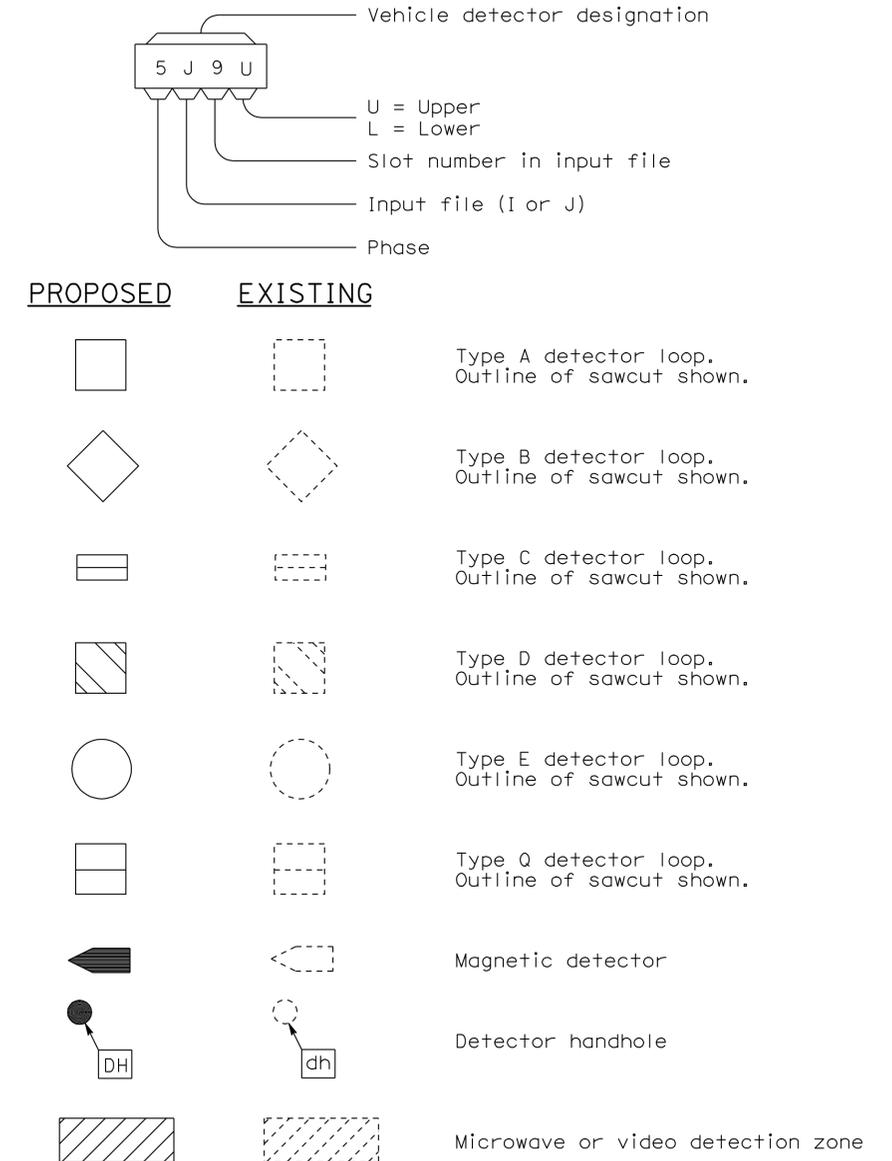
WIRING DIAGRAM LEGEND



PULL BOXES



VEHICLE DETECTORS



STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SYMBOLS AND ABBREVIATIONS)

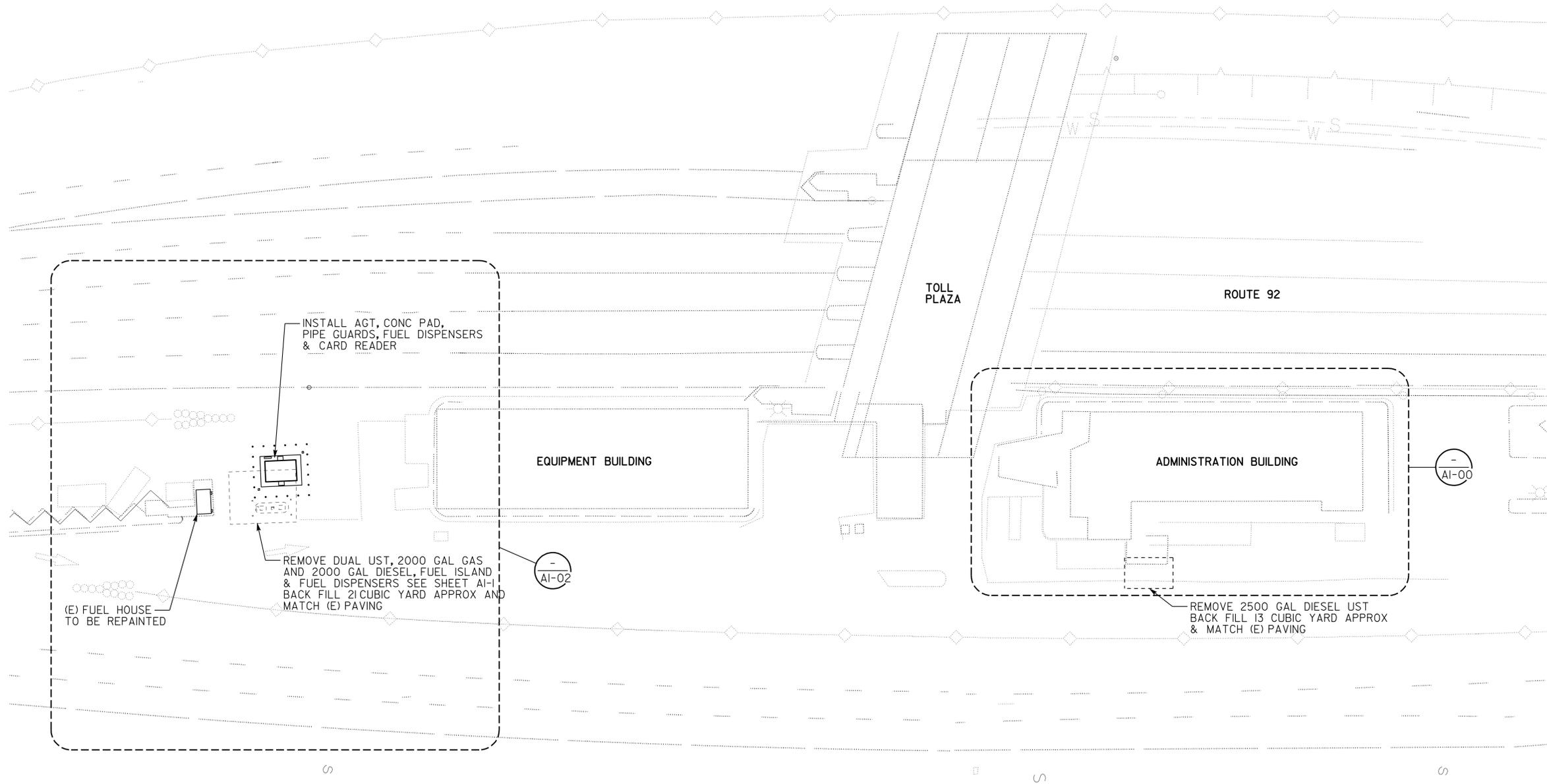
NO SCALE

RSP ES-1C DATED OCTOBER 5, 2007 SUPERCEDES STANDARD PLAN ES-1C
 DATED MAY 1, 2006 - PAGE 402 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP ES-1C

2006 REVISED STANDARD PLAN RSP ES-1C

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	51	160
Donald E. Alsey LICENSED ARCHITECT			4/15/2010 DATE		
3-7-11 PLANS APPROVAL DATE					
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: Approval date: 07-13-10 CSFM FILE #15-4I-II.0056 CSFM FILE #15-0I-II.0089
--	--

- NOTE:**
- SEE FOR AGT TYPE AND CAPACITY
 - TANK DIMENSIONS ARE PRESELECTED AND SUBJECT TO CHANGE UPON FINAL SELECTION OF AGT MANUFACTURER.
 - SEE SHEETS AI-05 AND AI-06 FOR GENERATOR REMOVAL AT ADMINISTRATION BUILDING



SAN MATEO-HAYWARD M.S. SITE PLAN
 SCALE 1" = 25'

DESIGN SUPERVISOR

 DESIGN ARCHITECT

DESIGNER
 ANTHONY MANANSALA
 DRAWN BY
 ROBERT QUIBIN

CHECKED BY:
 STRUCTURAL REVIEW:

SHEET LEGEND

A-I ARCHITECTURAL	ST-I STRUCTURAL
M-I MECHANICAL	EE-I ELECTRICAL
W-I WATER SUPPLY	SS-I SANITARY

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.	350054
POST MILE	2.6

DIST 4 VARIOUS FUEL CANOPIES
 SAN MATEO-HAYWARD M.S.
 GENERAL PLAN

SHEET OF
GP-1

a_gp_1.dgn
 DS OSD Imperial Rev. 10/07 11-MAR-2011 14:19

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS
 0 1 2 3

UNIT PROJECT NUMBER & PHASE
 0702 04000009271
 EA 3A0901

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

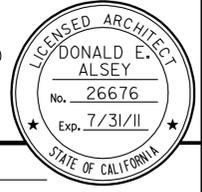
11-21-08	04-17-09	06-12-09	09-11-09	12-10-09	02-11-10	04-15-10
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SHEET OF
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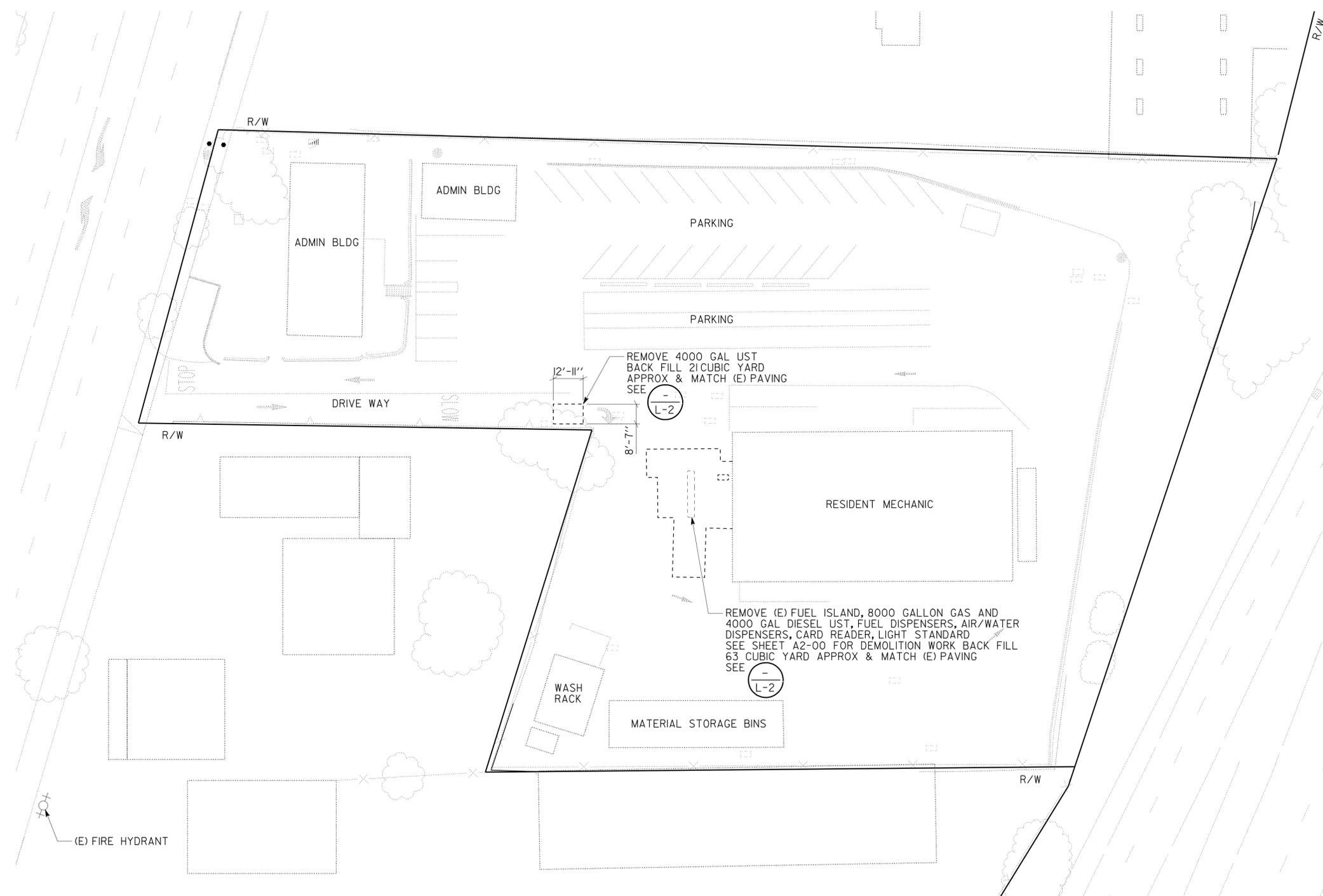
11-MAR-2011 14:19

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	52	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 3-7-11
 PLANS APPROVAL DATE
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
---	---



WALNUT CREEK EAST M.S. SITE PLAN
 SCALE 1" = 25'

RE Travis
 DESIGN SUPERVISOR
Donald E. Alsey
 DESIGN ARCHITECT

DESIGNER
 ANTHONY MANANSALA
 DRAWN BY
 ROBERT QUIBIN

CHECKED BY
Donald E. Alsey
 STRUCTURAL REVIEW
Donald E. Alsey

SHEET LEGEND
 A-I ARCHITECTURAL ST-I STRUCTURAL
 M-I MECHANICAL EE-I ELECTRICAL
 W-I WATER SUPPLY SS-I SANITARY

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.
 28M5738
 28M5745
 POST MILE
 15.6

DIST 4 VARIOUS FUEL CANOPIES
 WALNUT CREEK M.S. EAST
GENERAL PLAN

SHEET
GP-2.1

a_gp-2-1.dgn
 DS OSD Imperial Rev. 10/07 11-MAR-2011 14:19

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS
 0 1 2 3

UNIT PROJECT NUMBER & PHASE
 0702 04000009271
 EA 3A0901

DISREGARD PRINTS BEARING EARLIER REVISION DATES

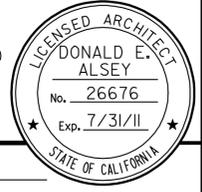
REVISION DATES (PRELIMINARY STAGE ONLY)									
11-21-08	04-17-09	06-12-09	09-11-09	12-10-09	02-11-10	04-15-10			

SHEET	OF
X	X

11-MAR-2011 14:19

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	53	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 3-7-11
 PLANS APPROVAL DATE
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> JASON D. DeWITT Approval date: 07-13-10 CSFM FILE #15-4I-II.0056 CSFM FILE #15-0I-II.0089
---	--

- NOTE:
- SEE A0-03 FOR AGT TYPE AND CAPACITY
 - TANK DIMENSIONS ARE PRESELECTED AND SUBJECT TO CHANGE UPON FINAL SELECTION OF AGT MANUFACTURER.



WALNUT CREEK WEST M.S. SITE PLAN
 SCALE 1" = 25'

RE Travis
 DESIGN SUPERVISOR
Donald E. Alsey
 DESIGN ARCHITECT

DESIGNER
 ANTHONY MANANSALA
 DRAWN BY
 ROBERT QUIBIN

CHECKED BY: *Donald E. Alsey*
 STRUCTURAL REVIEW: *Donald E. Alsey*

SHEET LEGEND

A-I ARCHITECTURAL	ST-I STRUCTURAL
M-I MECHANICAL	EE-I ELECTRICAL
W-I WATER SUPPLY	SS-I SANITARY

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.
 28M5738
 28M5745
 POST MILE
 15.6

WALNUT CREEK M.S. WEST

DIST 4 VARIOUS FUEL CANOPIES
 GENERAL PLAN

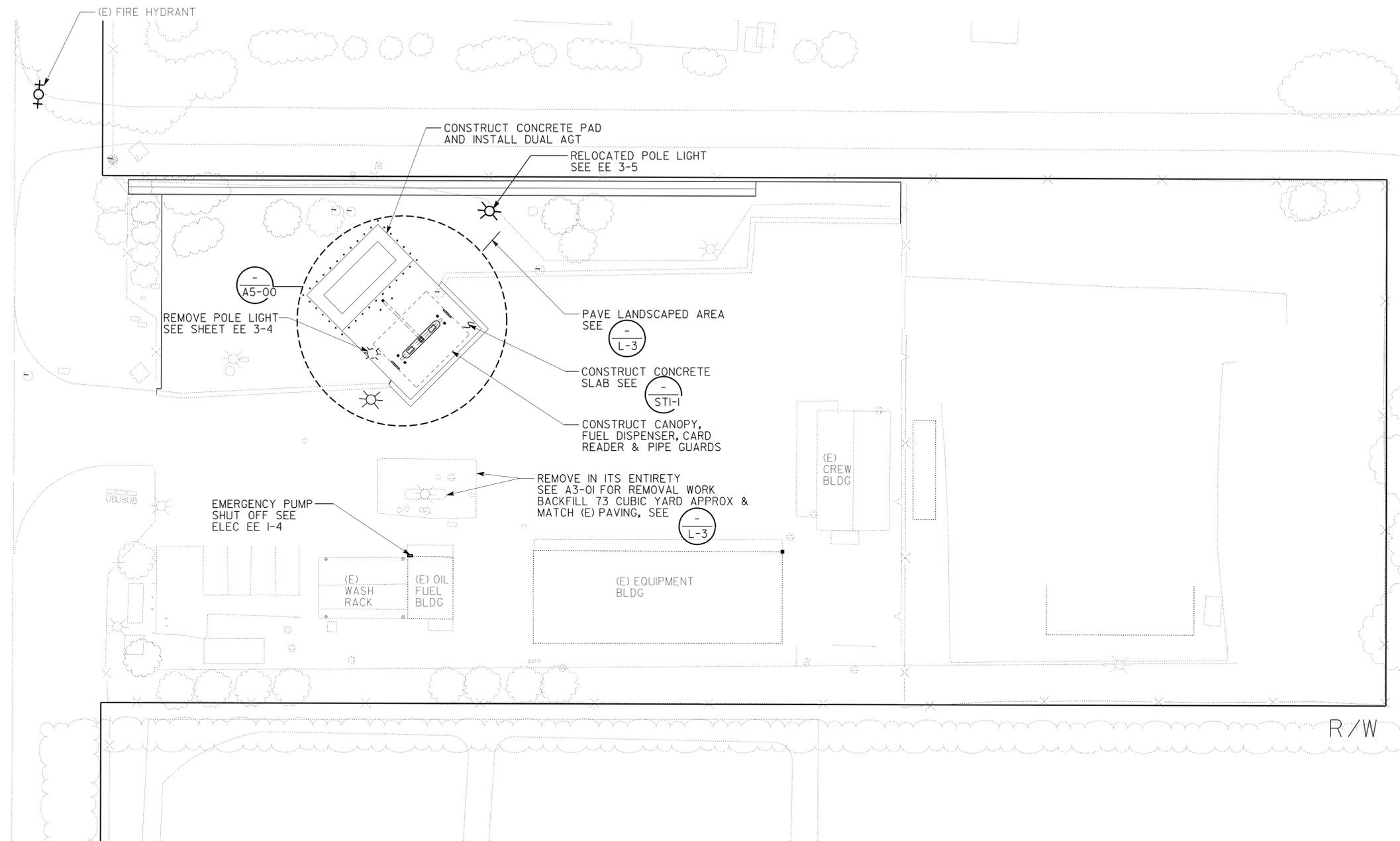
SHEET
GP-2.2

11-MAR-2011 14:19

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	54	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 LICENSED ARCHITECT No. 26676 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
 PLANS APPROVAL DATE
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ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID: 040000927
 Reviewed by: [Signature]
 Date: 07-29-10

CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: [Signature]
 Approval date: 07-13-10
 CSFM FILE #15-41-II.0056
 CSFM FILE #15-01-II.0089

- NOTE:
- SEE AO-03 FOR AGT TYPE AND CAPACITY
 - TANK DIMENSIONS ARE PRESELECTED AND SUBJECT TO CHANGE UPON FINAL SELECTION OF AGT MANUFACTURER.



HALF MOON BAY M.S. SITE PLAN
 SCALE 1" = 25'

R.E. Travis
 DESIGN SUPERVISOR
 Donald E. Alsey
 DESIGN ARCHITECT

DESIGNER
 ANTHONY MANANSALA
 DRAWN BY
 ROBERT QUIBIN

CHECKED BY
 Donald E. Alsey
 STRUCTURAL REVIEW
 Donald E. Alsey

SHEET LEGEND
 A-I ARCHITECTURAL ST-I STRUCTURAL
 M-I MECHANICAL EE-I ELECTRICAL
 W-I WATER SUPPLY SS-I SANITARY

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

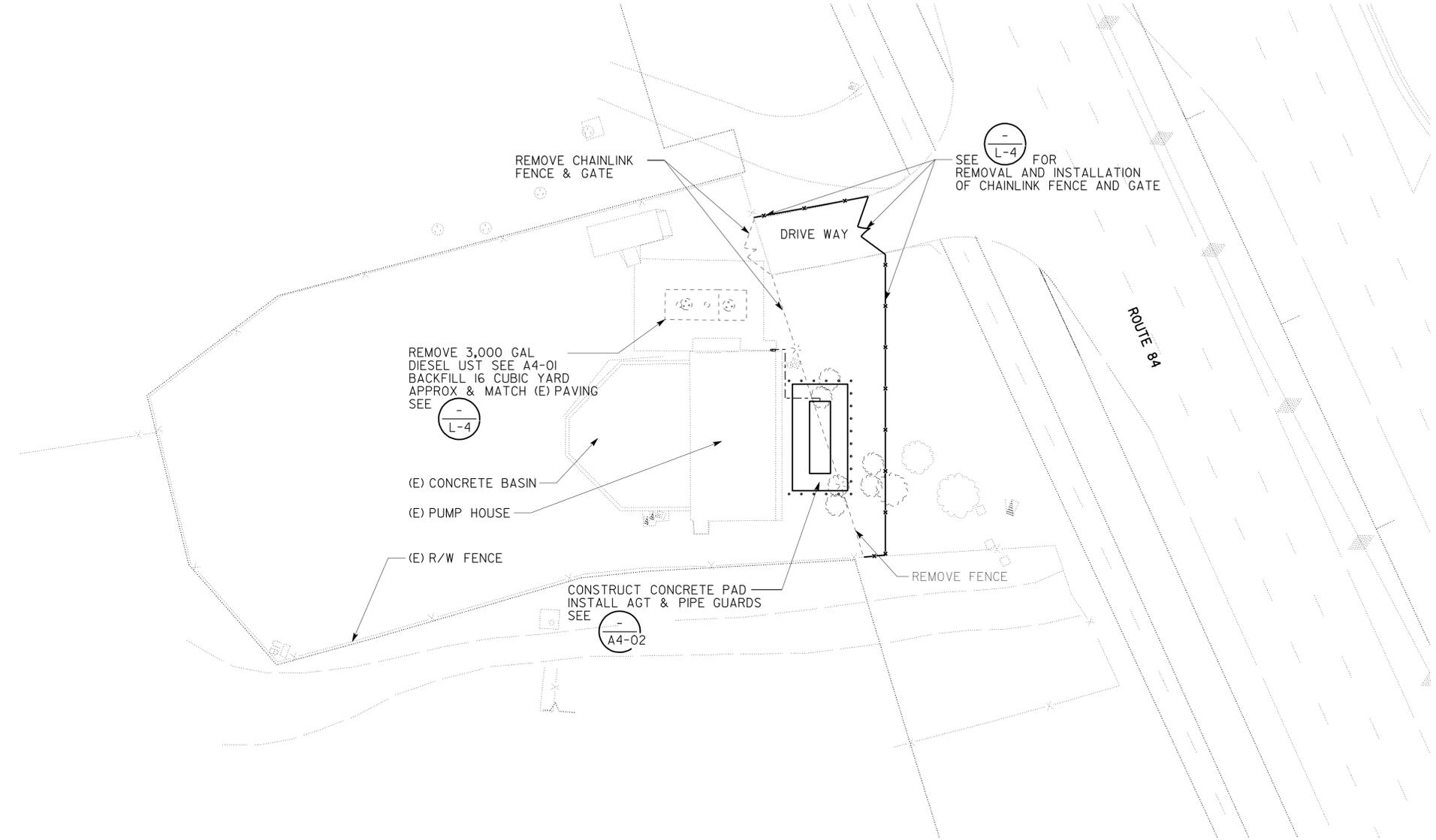
BRIDGE NO.
 35M5710
 POST MILE
 26.9

DIST 4 VARIOUS FUEL CANOPIES
 HALF MOON BAY M.S.
 GENERAL PLAN

SHEET
GP-3

11-MAR-2011 14:19

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	55	160
Donald E. Alsey LICENSED ARCHITECT			4/15/2010 DATE		
3-7-11 PLANS APPROVAL DATE					
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: Approval date: 07-13-10 CSFM FILE #15-4I-II.0056 CSFM FILE #15-0I-II.0089
--	--

- NOTE:**
- SEE A0-03 FOR AGT TYPE AND CAPACITY
 - TANK DIMENSIONS ARE PRESELECTED AND SUBJECT TO CHANGE UPON FINAL SELECTION OF AGT MANUFACTURER.

RAVENSWOOD SLOUGH PUMP STATION SITE PLAN
 SCALE 1" = 20'

R.E. Travis
 DESIGN SUPERVISOR
 Donald E. Alsey
 DESIGN ARCHITECT

DESIGNER
 ANTHONY MANANSALA
 DRAWN BY
 ROBERT QUIBIN

CHECKED BY
 Donald E. Alsey
 STRUCTURAL REVIEW
 Donald E. Alsey

SHEET LEGEND
 A-I ARCHITECTURAL ST-I STRUCTURAL
 M-I MECHANICAL EE-I ELECTRICAL
 W-I WATER SUPPLY SS-I SANITARY

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

BRIDGE NO.
 35-0292W
 POST MILE
 28.0

DIST 4 VARIOUS FUEL CANOPIES
 RAVENSWOOD PUMP PLANT
 GENERAL PLAN

SHEET
GP-4

a_gp_4.dgn
 DS OSD Imperial Rev. 10/07 11-MAR-2011 14:19

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS
 0 1 2 3

UNIT PROJECT NUMBER & PHASE
 0702 04000009271
 EA 3A0901

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)									
11-21-08	04-17-09	06-12-09	09-11-09	12-10-09	02-11-10	04-15-10			

SHEET OF
 X X

11-MAR-2011 14:19 a_gp_4.dgn

SHEET INDEX

ARCHITECTURE

GP-1 SAN MATEO-HAYWARD M.S. GENERAL PLAN
 GP-2.1 WALNUT CREEK EAST M.S. GENERAL PLAN
 GP-2.2 WALNUT CREEK WEST M.S. GENERAL PLAN
 GP-3 HALF MOON BAY M.S. GENERAL PLAN
 GP-4 RAVENSWOOD P.P. GENERAL PLAN

A0-01 SHEET INDEX
 A0-02 ARCHITECTURAL ABBREVIATIONS AND SYMBOLS
 A0-03 BUILDING DATA
 A0-3.1 ACCESSIBILITY STANDARD DETAILS
 A0-3.2 ACCESSIBILITY STANDARD DETAILS
 A0-04 FINISH SCHEDULE

SAN MATEO HAYWARD MS

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 AI-01 REMOVAL PLAN
 AI-02 PARTIAL SITE PLAN
 AI-03 ENLARGED SITE PLAN
 AI-04 ELEVATIONS
 AI-05 EXISTING ADMIN BLDG FLOOR PLANS
 AI-06 GENERATOR REMOVAL PLAN

WALNUT CREEK EAST / WEST MS

A2-00 REMOVAL SITE PLAN
 A2-01 UST & FUEL ISLAND REMOVAL PLAN
 A2-02 OIL LOG REMOVAL PLAN
 A2-03 PARTIAL SITE PLAN

HALF MOON BAY MS

A3-00 REMOVAL SITE PLAN
 A3-01 UST & FUEL ISLAND REMOVAL PLAN
 A3-02 REMOVAL ELEVATION

RAVENSWOOD SLOUGH PP

A4-00 REMOVAL SITE PLAN
 A4-01 UST REMOVAL PLAN
 A4-02 NEW CONSTRUCTION PLAN
 A4-03 AGT TANK ELEVATION

AGT & FUEL ISLAND

A5-00 OVERALL FLOOR PLAN
 A5-01 FLOOR PLAN
 A5-02 ROOF PLAN
 A5-03 REFLECTED CEILING PLAN
 A5-04 ELEVATION
 A5-05 ELEVATION
 A5-06 SECTION

A6-01 CANOPY DETAILS
 A6-02 DETAILS
 A6-03 DETAILS

STRUCTURAL

ST1 LEGEND
 ST2 CONCRETE STANDARDS
 STI-0 DESIGN CRITERIA AND DETAIL NOTES

1 OF 3 LOG OF TEST BORINGS (HALF MOON BAY MS)
 2 OF 3 LOG OF TEST BORINGS (HALF MOON BAY MS)
 3 OF 3 LOG OF TEST BORINGS (HALF MOON BAY MS)
 1 OF 3 LOG OF TEST BORINGS (SAN MATEO - HAYWARD BRIDGE MS)
 2 OF 3 LOG OF TEST BORINGS (SAN MATEO - HAYWARD BRIDGE MS)
 3 OF 3 LOG OF TEST BORINGS (SAN MATEO - HAYWARD BRIDGE MS)
 1 OF 3 LOG OF TEST BORINGS (RAVENSWOOD PUMPING PLANT)
 2 OF 3 LOG OF TEST BORINGS (RAVENSWOOD PUMPING PLANT)
 3 OF 3 LOG OF TEST BORINGS (RAVENSWOOD PUMPING PLANT)
 1 OF 3 LOG OF TEST BORINGS (WALNUT CREEK MS)
 2 OF 3 LOG OF TEST BORINGS (WALNUT CREEK MS)
 3 OF 3 LOG OF TEST BORINGS (WALNUT CREEK MS)

WALNUT CREEK WEST MS

STI-1 FOUNDATION PLAN FOR FUEL STORAGE TANKS
 STI-2 METAL ROOF DECK AND GUARD POST DETAILS
 STI-3 FOOTING DETAILS
 STI-4 SECTION DETAILS
 STI-5 ROOF DETAILS

HALFMOON BAY MS

STI-6 FOUNDATION PLAN FOR FUEL STORAGE TANKS
 STI-7 FOOTING DETAILS
 STI-8 SECTION DETAILS

SAN MATEO AND HAYWARD BRIDGE MS

STI-9 UST REMOVAL AND BACKFILL
 STI-10 FOUNDATION PLAN FOR FUEL STORAGE TANKS
 RAVENSWOOD PUMPING PLANT

STI-II FOUNDATION PLAN FOR FUEL STORAGE TANKS

MECHANICAL

HAYWARD-SAN MATEO BRIDGE MS

MI-1 MECHANICAL SITE PLAN
 MI-2 ABOVE GROUND FUEL STORAGE TANK 1
 MI-3 ABOVE GROUND FUEL STORAGE TANK 2

WALNUT CREEK EAST / WEST MS

M2-1 MECHANICAL SITE PLAN
 M2-2 MECHANICAL PLAN
 M2-3 ABOVE GROUND FUEL STORAGE TANK
 M2-4 MECHANICAL SECTION
 M2-5 MECHANICAL DETAILS

HALF MOON BAY MS

M3-1 MECHANICAL SITE PLAN
 M3-2 MECHANICAL PLAN
 M3-3 ABOVE GROUND FUEL STORAGE TANK
 M3-4 MECHANICAL SECTION
 M3-5 MECHANICAL DETAILS

RAVENSWOOD SLOUGH PP

M4-1 MECHANICAL SITE PLAN
 M4-2 MECHANICAL PLAN
 M4-3 ABOVE GROUND FUEL STORAGE TANK
 M4-4 MECHANICAL DETAILS

ELECTRICAL

EE0-0 LEGEND
 SAN MATEO HAYWARD MS

EEI-1 TITLE-24 COMPLIANCE
 EEI-2 TITLE-24 COMPLIANCE
 EEI-3 EXISTING SITE PLAN
 EEI-4 ENLARGED EXISTING PARTIAL SITE PLAN
 EEI-5 MODIFIED PARTIAL SITE PLAN
 EEI-6 FUEL ISLAND POWER AND LIGHTING PLAN
 EEI-7 DETAILS
 EEI-8 DETAILS

WALNUT CREEK EAST / WEST MS

EE2-1 TITLE-24 COMPLIANCE
 EE2-2 TITLE-24 COMPLIANCE
 EE2-3 SITE PLAN
 EE2-4 ENLARGED PARTIAL REMOVAL PLAN
 EE2-5 PARTIAL SITE PLAN
 EE2-6 FUEL ISLAND POWER PLAN
 EE2-7 FUEL ISLAND LIGHTING PLAN
 EE2-8 DETAILS
 EE2-9 DETAILS

HALFMOON BAY MS

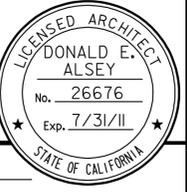
EE3-1 TITLE-24 COMPLIANCE
 EE3-2 TITLE-24 COMPLIANCE
 EE3-3 EXISTING SITE PLAN
 EE3-4 ENLARGED EXISTING PARTIAL SITE PLAN
 EE3-5 MODIFIED SITE PLAN
 EE3-6 FUEL ISLAND POWER PLAN
 EE3-7 FUEL ISLAND LIGHTING PLAN
 EE3-8 DETAILS
 EE3-9 DETAILS

RAVENSWOOD P.P.

EE4-1 EXISTING AND MODIFIED ENLARGED PARTIAL SITE PLAN

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	56	160

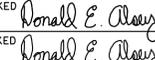
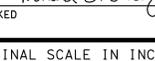

 4/15/2010
 LICENSED ARCHITECT DATE



3-7-11
 PLANS APPROVAL DATE

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A0-01.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 16:54	DESIGN BY ANTHONY MANANSALA	CHECKED 	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. VARIOUS	DIST 4 VARIOUS FUEL CANOPIES	SHEET A0-01	
	DETAILS BY ROBERT QUIBIN	CHECKED 			POST MILE VARIOUS			SHEET INDEX
	QUANTITIES BY	CHECKED	UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET OF X X
			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3					EA 3A0901

10-MAR-2011 16:54

ARCHITECTURAL ABBREVIATIONS

&	AND	LOL	LAYOUT LINE	S	SOUTH
L	ANGLE	LPG	LIQUIFIED PETROLEUM GAS LAG SCREW	SC	SOLID CORE SCHEDULE
⊙	CENTER LINE	LS	LAYOUT LINE	SD	SOAP DISPENSER
∅	DIAMETER OR ROUND			SDST	SELF DRILLING SELF TAPPING SQUARE FEET
□	SQUARE	M	METER	SH	SELF TAPPING SQUARE FEET
d	PENNY	MAT	MATERIAL	SHWR	SHOWER SHEET
°	DEGREE	MAX	MAXIMUM	SHT	SHEET
A/C	AIR CONDITIONING	MB	MACHINE BOLT	SHTG	SHEATHING
AC	ASPHALT CONCRETE	MCH	MECHANICAL	SIM	SIMILAR
AB	ANCHOR BOLT	MEMB	MEMBRANE	SL	SCORE LINE
ABV	ABOVE	MET	METAL	SMS	SHEET METAL SCREW
ACOUS	ACOUSTICAL	MFR	MANUFACTURER	SOHD	SECTIONAL OVERHEAD DOOR SPECIFICATION
ADA	AMERICANS WITH DISABILITIES ACT	MH	MAN HOLE	SO	STRUCTURAL PLYWOOD SHEATHING SQUARE
ADJ	ADJUSTABLE	MIN	MINIMUM	SRRA	SAFETY ROADSIDE REST AREA
AGT	ABOVEGROUND STORAGE TANK	MIR	MIRROR	SS	SERVICE SINK
ALT	ALTERNATE	MISC	MISCELLANEOUS	SST	STAINLESS STEEL STATION
ALUM	ALUMINUM	MIW	MALLEABLE IRON WASHER	STA	STAGGER
APA	AMERICAN PLYWOOD ASSOCIATION	mm	MILLIMETER	STG	STANDARD
ARCH	ARCHITECTURAL, ARCHITECT	MO	MASONRY OPENING	STL	STEEL
ASPH	ASPHALT	MS	MAINTENANCE STATION	STOR	STORAGE
BD	BOARD	MTD	MOUNTED	STRUC	STRUCTURAL
BIT	BITUMINOUS	MUL	MULLION	SUSP	SUSPENDED
BLDG	BUILDING	N	NORTH	T	TREAD
BLK	BLOCK	ND	NAPKIN DISPOSAL	T&G	TONGUE & GROOVE
BLKG	BLOCKING	NIC	NOT IN CONTRACT	TB	TOLL BOOTH
BLW	BELOW	NO	NUMBER	TEL	TELEPHONE
BM	BEAM	NOM	NOMINAL	TEMP	TEMPERED
BN	BOUNDARY NAILING	NTS	NOT TO SCALE	TER	TERRAZZO
BOT	BOTTOM	OBSC	OBSCURE	THK	THICK
BR	BRIDGE	OC	ON CENTER	THLD	THRESHOLD
BTM	BOTTOM	OD	OUTSIDE DIAMETER	TJ	TOOLED JOINT
BTWN	BETWEEN	OFF	OFFICE	TKBD	TACKBOARD
BUR	BUILT-UP-ROOFING	OFD	OVERFLOW DRAIN	TN	TOE NAIL
CJ	CONTROL JOINT	OG	ORIGINAL GROUND	TNVM	TAMPON/NAPKIN VENDING MACHINE
CL	CHAIN LINK	OH	OPPOSITE HAND	TOC	TOP OF CURB OR CONCRETE
CAB	CABINET	OHD	OVERHEAD	TOP	TOP OF PAVEMENT
CB	CATCH BASIN	OHWS	OVERHEAD WOOD SCREW	TOS	TOE OF SLOPE
CEM	CEMENT	OP	OPERATIONS	TOT	TOTAL
CER	CERAMIC	OPNG	OPENING	TOW	TOP OF WALL
CH	CLOTHES HOOK	OPP	OPPOSITE	TS	TUBE STEEL
CIDH	CAST IN DRILLED HOLE	OPT	OPTION, OPTIONAL	TSKD	TOILET SEAT COVER DISPENSER
CIP	CAST IN PLACE	P	PITCH	TTD	TOILET TISSUE DISPENSER
CKBD	CHALKBOARD	PB	POST BASE	TTY	TELETYPEWRITER TYPICAL
CLG	CEILING	PC	POST CAP	TYP	
CMU	CONCRETE MASONRY UNIT	PCC	PORTLAND CEMENT CONCRETE	UST	UNDERGROUND STORAGE TANK
CLO	CLOSET	PDF	POWDER DRIVEN FASTENERS	UNF	UNFINISHED
CLR	CLEAR	PH	PHILLIPS HEAD	UON	UNLESS OTHERWISE NOTED
COL	COLUMN	PL	PLATE	UR	URINAL
CONC	CONCRETE	PLAM	PLASTIC LAMINATE	VAR	VARIES
CONN	CONNECTION	PLAS	PLASTER	VCT	VINYL COMPOSITION TILE
CONST	CONSTRUCTION	PLYWD	PLYWOOD	VERT	VERTICAL
CONT	CONTINUOUS	PMF	PRESSED METAL FRAME	VEST	VESTIBULE
CORR	CORRIDOR	POT	PATH OF TRAVEL	VR	VENT RISER
CPT	CARPET	PP	PUMP PLANT	VTR	VENT THRU ROOF
CT	CERAMIC TILE	PR	PAIR	W	WEST
CTR	CENTER	PRTN	PARTITION	W/	WITH
CTSK	COUNTERSUNK	PT	POINT	W/O	WITHOUT
CY	CUBIC YARD	PTD	PAPER TOWEL DISPENSER	WC	WATER CLOSET
DBL	DOUBLE	PTD/R	PAPER TOWEL DISPENSER /RECEPTACLE	WD	WOOD
DEPT	DEPARTMENT	PVC	POLYVINYL CHLORIDE	WDW	WINDOW
DET	DETAIL	PWB	PREFABRICATED WOOD I BEAM	WH	WATER HEATER
DF	DOUGLAS FIR	QT	QUARRY TILE	WP	WORKING POINT
DIA	DIAMETER	(R)	RELOCATED	WR	WATER RESISTANT
DIM	DIMENSION	R	RADIUS, RISER	WSCT	WAINSCOT
DN	DOWN	R/W	RIGHT OF WAY	WT	WEIGHT
DP	DEEP	RD	ROOF DRAIN	WTPR	WATERPROOFING
DR	DOOR	RDWD	REDWOOD	WWF	WELDED WIRE FABRIC
DS	DOWNSPOUT	REF	REFERENCE	YD	YARD
DWG	DRAWING	REFG	REFRIGERATOR		
DWR	DRAWER	REINF	REINFORCED(ING)		
(E)	EXISTING	REQ	REQUIRED		
E	EAST	RFG	ROOFING		
EA	EACH	RFSWN	ROUGHSAWN		
EF	EXHAUST FAN	RH	ROUND HEAD		
EHD	ELECTRIC HAND DRYER	RHWS	ROUND HEAD WOOD SCREWS		
EJ	EXPANSION JOINT	RJ	ROOF JOIST		
EL	ELEVATION (HEIGHT)	RM	ROOM		
ELEC	ELECTRICAL	RO	ROUGH OPENING		
ELEV	ELEVATION (VIEW)	RSWN	RESAWN		
ELVR	ELEVATOR	RTE	ROUTE		
EMER	EMERGENCY	RW	ROUTING		
ENCL	ENCLOSURE	RWL	RAINWATER LEADER		
EP	EDGE OF PAVEMENT				
EQ	EQUAL				
EPB	ELECTRICAL PANELBOARD				

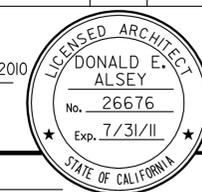
DESIGN CRITERIA

THE BUILDING WORK ON THIS PROJECT HAS BEEN DESIGNED TO CONFORM TO THE 2007 TITLE 24 CALIFORNIA BUILDING CODE 2007 CALIFORNIA ELEC CODE, 2007 CALIFORNIA MECH CODE 2007 CALIFORNIA FIRE CODE, 2007 CALIFORNIA ENERGY CODE & THE CURRENT VERSION OF THE ADA.

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	57	160

3-7-11
PLANS APPROVAL DATE

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GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL CONTROLLING DIMENSIONS AND FIELD CONDITIONS BEFORE ORDERING OR FABRICATING ANY MATERIALS OR ASSEMBLIES.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL MEASUREMENTS OR FIELD CONDITIONS.

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> JASON D. DEWITT Approval date: 07-13-10 CSFM FILE #15-4I-IL0056 CSFM FILE #15-0I-IL0089
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SYMBOLS

	BUILDING SECTION LETTER		SHADED ARROW INDICATES ELEVATION DRAWN
	SHEET		SECTION LETTER; SECTION DRAWN ON SAME SHEET
	ADDITIONAL REFERENCE (IF USED)		ELEVATION LETTER; ELEVATION DRAWN ON SAME SHEET
	DETAIL NUMBER		DRAWN ON SAME SHEET
	MATCH LINE		
	WORKING POINT		
	ROOM NUMBER		
	DOOR DESIGNATION		
	WINDOW DESIGNATION		
	LOUVER DESIGNATION		
	COLOR DESIGNATION		
	CENTER LINE		

DONALD E. ALSEY DESIGN SUPERVISOR ANTHONY V. MANANSALA PROJECT DESIGNER	DESIGNER AVM DRAWN BY AVM	CHECKED BY <i>[Signature]</i> STRUCTURAL REVIEW <i>[Signature]</i>	SHEET LEGEND A-I ARCHITECTURAL ST-I STRUCTURAL M-I MECHANICAL EE-I ELECTRICAL W-I WATER SUPPLY SS-I SANITARY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. VARIOUS POST MILE VARIOUS	DIST 4 VARIOUS FUEL CANOPIES ARCHITECTURAL ABBREVIATIONS AND SYMBOLS	SHEET OF A0-02
A0-02.dgn TAEMWW Imperial Rev. 7/10 14-MAR-2011 06:13			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	SHEET OF X X		

14-MAR-2011 06:13

SAN MATEO-HAYWARD BRIDGE M.S.

SCOPE OF WORK REMOVE DUAL UST, 2000 GAL GAS AND 2000 GAL DIESEL, FUEL ISLAND INCLUDING BUT NOT LIMITED TO FUEL DISPENSERS, LIGHT STANDARD AND FIXTURES, RAISED CURB AND AIR AND WATER FIXTURES, REMOVE (E) 2500 GAL DIESEL UST ADJACENT TO ADMIN BLDG, REMOVE GENERATOR AT BASEMENT FLOOR SEE AI-5 & AI-6

CONSTRUCT AGT W/ BUILT-IN DISPENSERS, CONCRETE PAD, PIPE GUARDS, CARD READER AND (2) POLE LIGHTS, REPAIR AND REPAINT FUEL LOG BLDG, AND UPGRADE ACCESSIBLE PARKING

FUEL ISLAND / CANOPY

OCCUPANCY: SI
 ACTUAL BUILDING AREA: 975 SQ. FT.
 BUILDING AREA, ALLOWED: 17,500 SQ. FT. PER STORY
 ACTUAL BUILDING HEIGHT: 20'-6"
 ACTUAL NO. OF STORIES ALLOWED: 3
 BUILDING TYPE: TYPE II - B
 NO. OF STORIES: NONE OPEN
 SPRINKLER SYSTEM: NOT REQUIRED (2007 CBC, 903.2.8)
 FIRE ALARM: NONE
 SMOKE CONTROL SYSTEM: NONE
 OTHER FIRE PROTECTION SYSTEMS: NONE
 OCCUPANT LOAD: NONE (OPEN CANOPY)

AGT INFORMATION (FOR FUEL ISLAND)

DUAL TANK
 2,000 GALLON GAS
 2,000 GALLON DIESEL

TANK DIMENSION
 8'-7"(W) X 12'-11"(L)

WALNUT CREEK MAINTENANCE STATION EAST & WEST

SCOPE OF WORK WALNUT CREEK MAINTENANCE STATION EAST; REMOVAL OF (E) 8,000 GALLON GAS AND (E) 4,000 GAL DIESEL UGT; AND FUEL ISLAND, INCLUDING BUT NOT LIMITED FUEL DISPENSERS, CARD READER, CONDUIT, AIR AND WATER DISPENSERS; LIGHT STANDARD SHALL REMAIN REMOVAL OF 4000 GAL UST NEAR PERIMETER OF RETAINING WALL AT PROPERTY LINE, SEE GP-2.1 FOR MORE INFO.

WALNUT CREEK WEST; REMOVAL OF (E) FUEL LOG BUILDING, RELOCATION OF (E) STORAGE LOCKER; CONSTRUCTION OF NEW FUEL ISLAND, DISPENSERS, CANOPY, AGT AND PAD.

FUEL ISLAND / CANOPY

OCCUPANCY: SI
 BUILDING AREA, ACTUAL: 975 SQ. FT.
 BUILDING AREA, ALLOWED: 1- STORY
 BUILDING HEIGHT: 20'-0"
 BUILDING TYPE: TYPE II - B
 STORIES: 9,000 SQ. FT. (2007 CBC, TABLE 503)
 SPRINKLER SYSTEM: NOT REQUIRED (2007 CBC, 903.2.8)
 FIRE ALARM: NONE
 SMOKE CONTROL SYSTEM: NONE
 OCCUPANT LOAD: NONE (OPEN CANOPY)

AGT INFORMATION (FOR FUEL ISLAND)

DUAL TANK
 8,000 GALLON DIESEL
 4,000 GALLON GAS

TANK DIMENSION
 8'-7"(W) X 37'-8"(L)

FIRE HYDRANT IS LOCATED WITHIN 100' OF MAINTENANCE STATION ENTRANCE.

HALF MOON BAY MAINENANCE STATION

SCOPE OF WORK REMOVE (E) 10,000 GALLON GAS UGT; (E) 4,000 GALLON DIESEL UGT; FUEL ISLAND INCLUDING BUT NOT LIMITED TO FUEL DISPENSERS, LIGHT STANDARD AND FIXTURES, RAISED CURB AND AIR AND WATER FIXTURES.

CONSTRUCT NEW FUEL ISLAND, INCLUDING DISPENSERS, CARD READER SYSTEM, CANOPY, AGT AND CONC PAD

FUEL ISLAND / CANOPY

OCCUPANCY: SI
 BUILDING AREA, ACTUAL: 975 SQ. FT.
 BUILDING AREA, ALLOWED: 1- STORY
 BUILDING HEIGHT: 20'-0"
 BUILDING TYPE: TYPE II - B
 STORIES: 9,000 SQ. FT. (2007 CBC, TABLE 503)
 SPRINKLER SYSTEM: NOT REQUIRED (2007 CBC, 903.2.8)
 FIRE ALARM: NONE
 SMOKE CONTROL SYSTEM: NONE
 OCCUPANT LOAD: NONE (OPEN CANOPY)

AGT 2 INFORMATION (FOR FUEL ISLAND)

DUAL TANK
 6,000 GALLON GAS
 4,000 GALLON DIESEL

TANK DIMENSION
 10'-10"(W) X 31'-5"(L)

FIRE HYDRANT IS LOCATED WITHIN 100' OF MAINTENANCE STATION ENTRANCE.

RAVENSWOOD SLOUGH PUMP PLANT

SCOPE OF WORK REMOVE (E) 3,000 GALLON DIESEL UGT, REMOVE CHAINLINK FENCE AND GATE; CONSTRUCT CONCRETE PAD AND INSTALL AGT, PIPE GUARDS AND CONSTRUCT NEW CHAINLINK FENCE & GATE

AGT INFORMATION

SINGLE TANK
 3,000 GALLON DIESEL

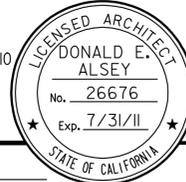
TANK DIMENSION
 6'-1"(W) X 20'-11"(L)

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	58	160

4/15/2010
 DATE

3-7-11
 PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



<p>ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA</p> <p>PROJECT ID 0400000927</p> <p>Reviewed by: <i>[Signature]</i> Date: 07-29-10</p>	<p>CALIFORNIA STATE FIRE MARSHAL APPROVED</p> <p>Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.</p> <p>Reviewed by: <i>[Signature]</i> Approval date: 07-13-10</p> <p>CSFM FILE #15-41-11.0056 CSFM FILE #15-01-11.0089</p>
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NOTE:
 SEE STRUCTURAL SHEET ST-2 FOR AGT DIMENSIONS

g0-03.dgn TAEMWW Imperial Rev. 7/10 10-MAR-2011 16:54	DESIGN	BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	DIST 4 VARIOUS FUEL CANOPIES	BUILDING DATA	SHEET OF X X
	DETAILS	BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>			VARIOUS			
	QUANTITIES	BY	CHECKED			VARIOUS			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3				UNIT PROJECT NUMBER & PHASE 0702 04000009271		DISREGARD PRINTS BEARING EARLIER REVISION DATES			REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10

EA 3A0901

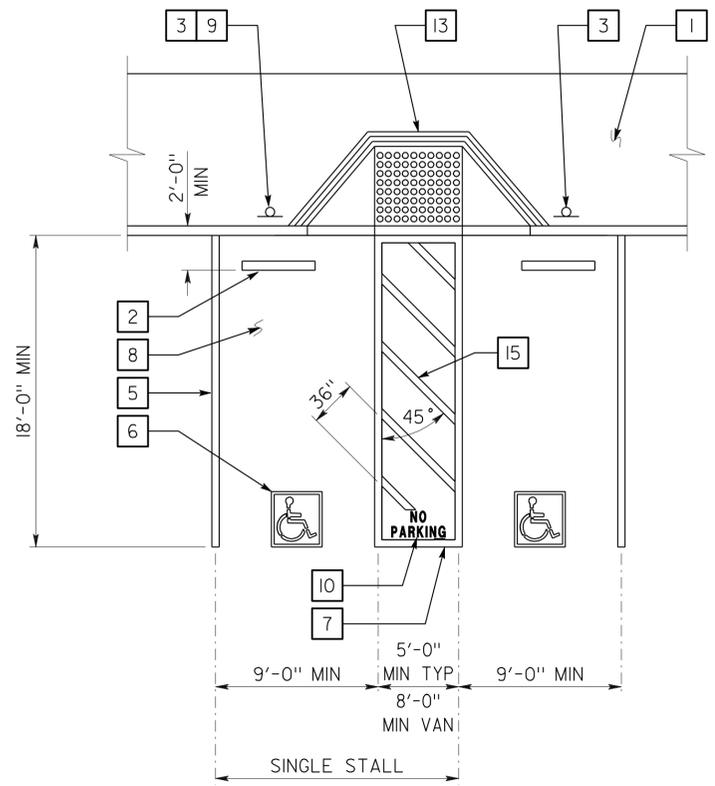
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	59	160

 LICENSED ARCHITECT		01-02-10 DATE	
3-7-11 PLANS APPROVAL DATE			

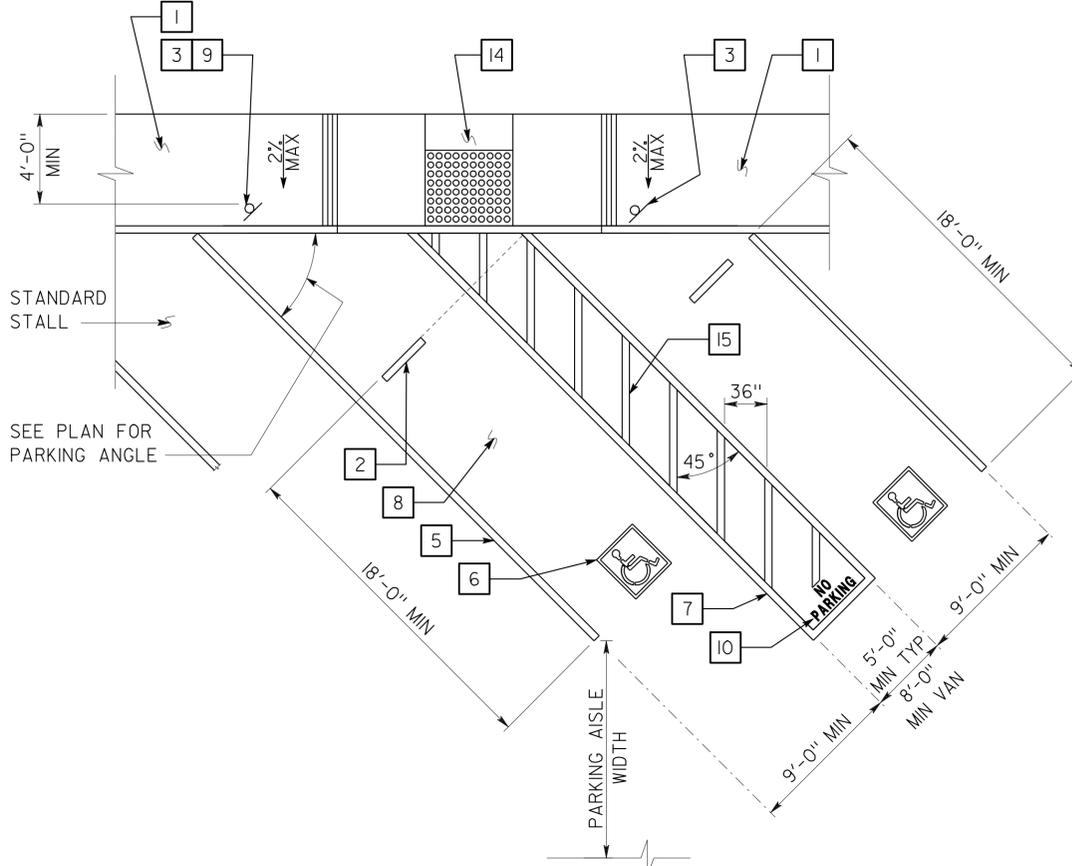
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

KEYED NOTE LEGEND FOR DETAILS 1 & 2

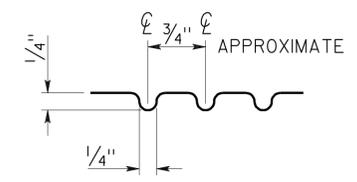
- CONCRETE WALKWAY (WHERE OCCURS) SEE PLANS FOR WIDTH, LAYOUT (MAY VARY), FINISH, JOINTS AND ELEVATIONS.
- PARKING BUMPER (AWAY FROM ACCESS AISLE). SEE SPECIFICATIONS.
- ACCESSIBLE PARKING SPACE SIGNAGE SEE DETAIL 1 ON SHEET AO-3.2.
- 1' WIDE GROOVED BORDER ON LEVEL SURFACE TYP AT RAMP PERIMETER. SEE DETAIL 3 ON THIS SHEET.
- 4" WIDE WHITE PARKING STALL DESIGNATION STRIPE. SEE SITE PLAN(S) FOR ADDITIONAL STALL STRIPING. SEE SPECIFICATIONS FOR PAINTING.
- ACCESSIBLE PARKING SURFACE IDENTIFICATION PAINTED ON PAVEMENT. SEE DETAIL 6 ON SHEET AO-3.2.
- 4" WIDE BLUE BORDER DESIGNATION NON-PARKING ACCESS AISLE TO CURB RAMP
- MAXIMUM SLOPE ON PARKING STALL PAVED AREA TO BE 2%.
- VAN ACCESSIBLE SIGNAGE. SEE DETAIL 2 ON SHEET AO-3.2. ACCESS AISLE SHALL BE ON PASSENGER SIDE ONLY.
- "NO PARKING" IN MIN 12" HIGH WHITE LETTERS TO BE PLACED WITHIN ACCESS AISLE TO CURB RAMP SEE DETAIL 7 ON SHEET AO-3.2.
- LEVEL LANDING - 2% MAX SLOPE W/ 36" DEEP DETECTABLE WARNINGS ADJOINING ACCESS AISLE OR VEHICULAR WAY. SEE DETAIL 6 ON THIS SHEET
- DETECTABLE WARNING TO EXTEND FULL WIDTH AND DEPTH OF CURB RAMP. SEE DETAIL 6 ON THIS SHEET.
- CURB RAMP. SEE DETAIL 4 ON THIS SHEET. ALSO SEE PLANS FOR WIDTH AND LAYOUT (MAY VARY).
- CURB RAMP. SEE DETAIL 5 ON THIS SHEET. ALSO SEE PLANS FOR WIDTH AND LAYOUT (MAY VARY).
- 4" WIDE WHITE HATCHED LINES TO CONTRAST WITH ASPHALT SURFACE. USE BLUE HATCHED LINES FOR LIGHT-COLOR CONCRETE SURFACE.



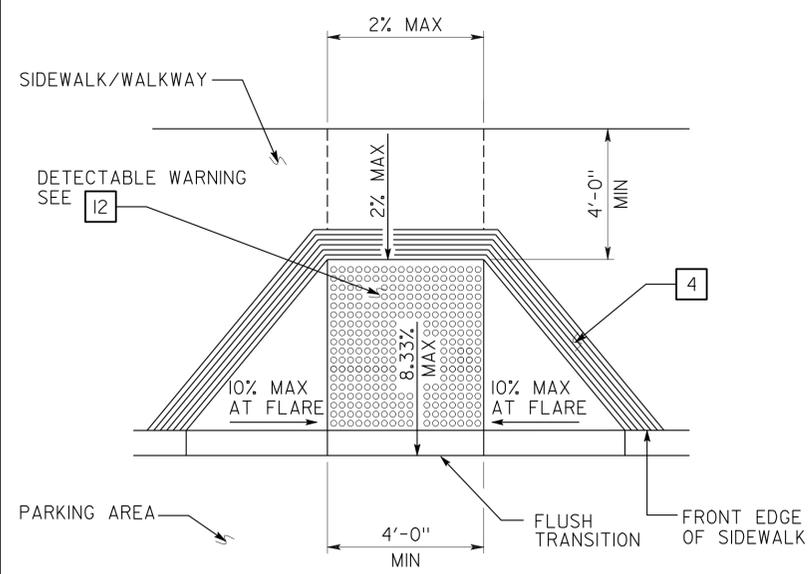
1 ACCESSIBLE PARKING STALL



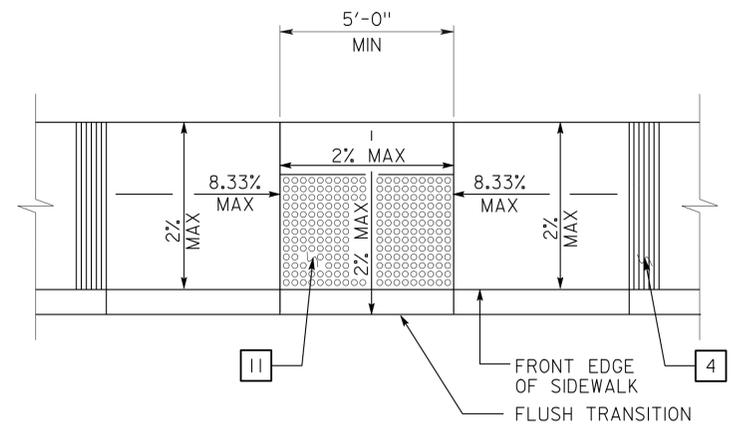
2 DIAGONAL ACCESSIBLE PARKING STALL
SEE PLAN FOR ANY VARIATION OF DIAGONAL PARKING



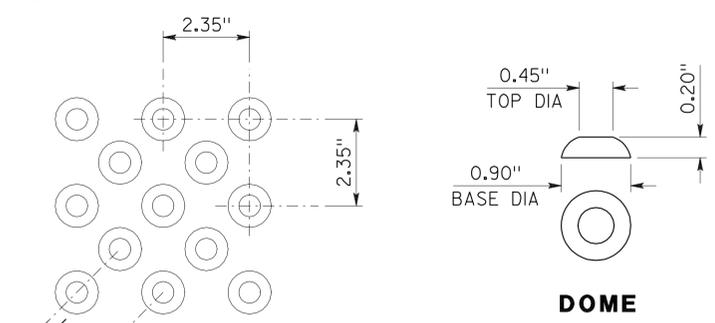
3 GROOVE DETAIL



4 PERPENDICULAR CURB RAMP



5 PARALLEL CURB RAMP



6 DETECTABLE WARNING - TRUNCATED DOMES

OFFSET PATTERN SHOWN MAY BE RE-ORIENTED INTO IN-LINE PATTERN WHERE DOMES ARE ALIGNED IN THE DIRECTION OF TRAVEL. DOME DIMENSIONS ARE NOMINAL, WHICH MAY BE WITHIN ±0.05" FOR DOME SPACING, AND ±0.02" FOR OTHERS.

DETAILS
NO SCALE UNLESS OTHERWISE NOTED

NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

STANDARD DRAWING			
FILE NO. 01-10	DESIGN BY D. ALSEY	CHECKED Y.A. WANG	APPROVED 
	DETAILS BY D. GOOD	CHECKED Y.A. WANG	DESIGN SUPERVISOR
	SUBMITTED BY Y.A. WANG		

STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		BRIDGE NO.	DIST 4 VARIOUS FUEL CANOPIES	SHEET AO-3.1
DEPARTMENT OF TRANSPORTATION		ARCHITECTURAL AND STRUCTURAL DESIGN		VARIOUS		
				POST MILE		

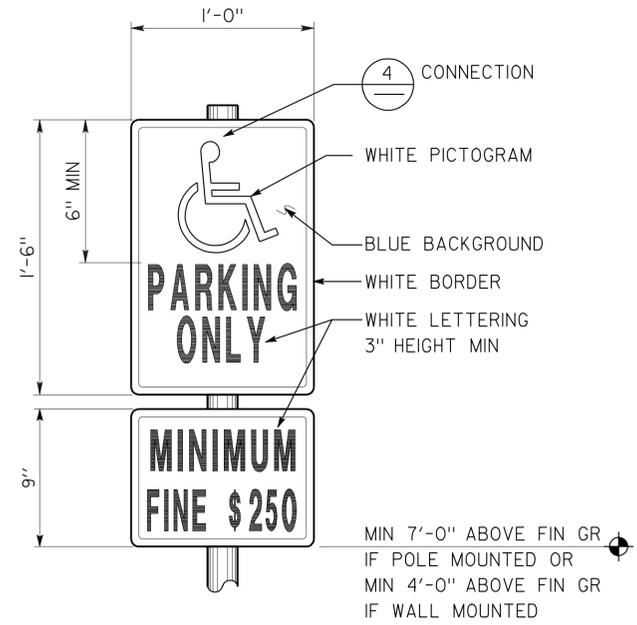
UNIT PROJECT NUMBER & PHASE	0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	60	160

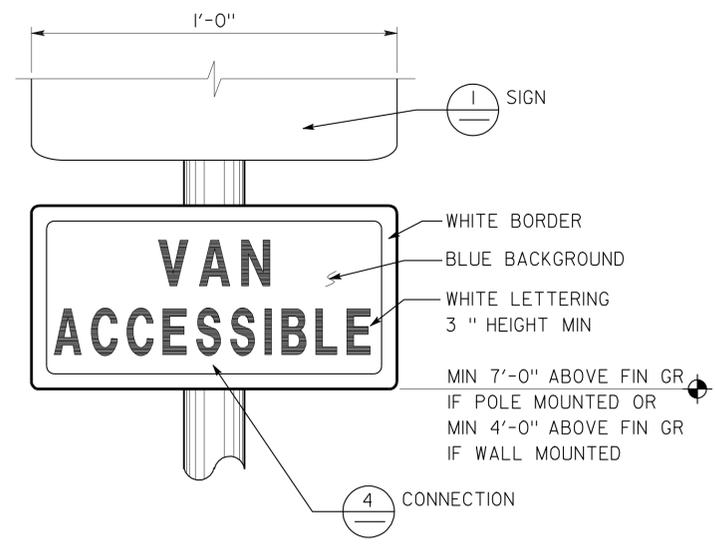
<i>Y.A. Wang</i>	01-02-10	
LICENSED ARCHITECT	DATE	

3-7-11
PLANS APPROVAL DATE

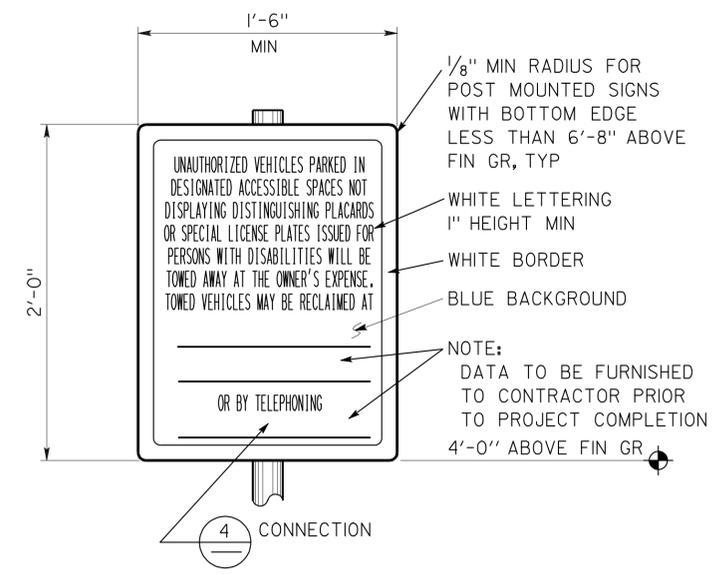
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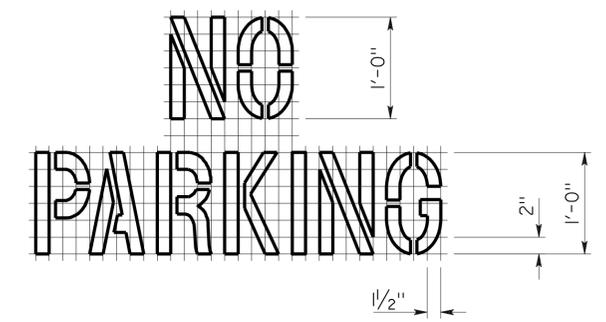
1 ACCESSIBLE PARKING SIGN
REFER TO SITE PLAN FOR LOCATIONS
COMBO SIGN MAY BE USED



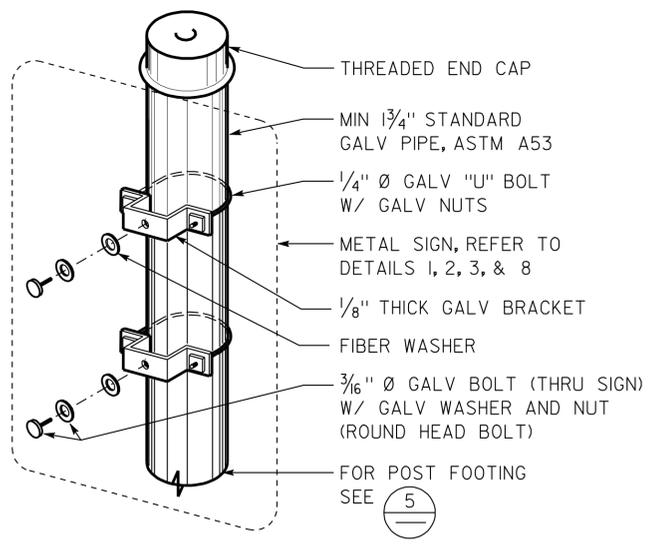
2 ACCESSIBLE VAN PARKING SIGN
REFER TO SITE PLAN FOR LOCATIONS
VAN ACCESSIBLE COMBO SIGN AND SEPARATE FINE PLAQUE MAY BE USED



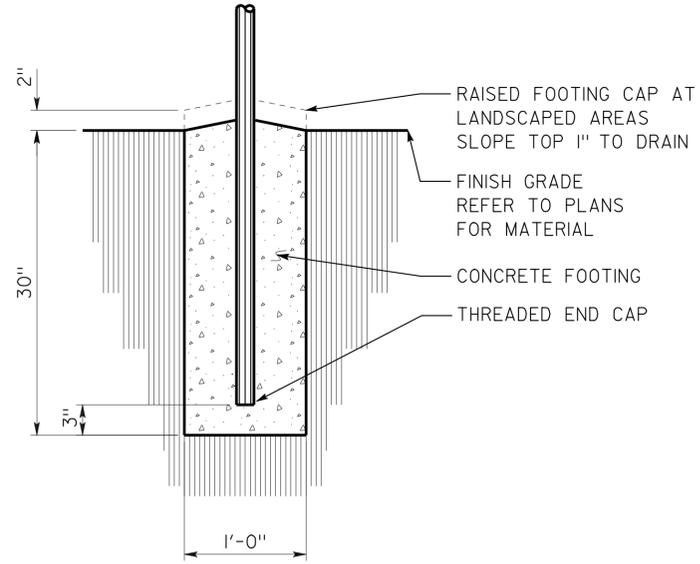
3 UNAUTHORIZED VEHICLES PARKING SIGN
REFER TO SITE PLAN FOR LOCATIONS
COLORS MAY VARY



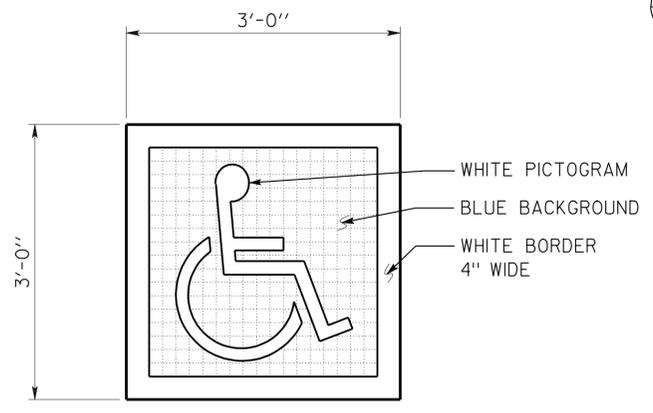
7 ACCESS AISLE PAVEMENT MARKING



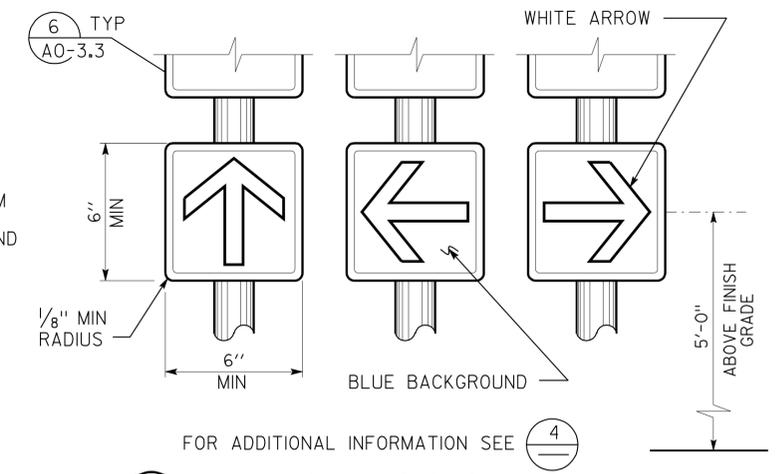
4 SIGN CONNECTION



5 SIGN POST FOOTING



6 ACCESSIBLE PARKING SURFACE IDENTIFICATION
REFER TO DETAILS 1 AND 2 ON SHEET AO-3.1 FOR LOCATIONS

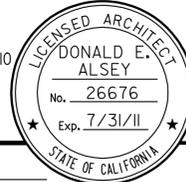


8 DIRECTIONAL SIGNS
REFER TO SITE PLAN FOR LOCATIONS
WALL OR DOOR MOUNTED SIGNS MAY BE USED
COMBO SIGN MAY BE USED
COLORS MAY VARY

DETAILS
NO SCALE UNLESS OTHERWISE NOTED

NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

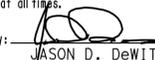
STANDARD DRAWING				STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		BRIDGE NO.		SHEET	
FILE NO. 01-10	DESIGN BY D. ALSEY	CHECKED Y.A. WANG	APPROVED <i>Y.A. Wang</i>	CALIFORNIA		ARCHITECTURAL AND STRUCTURAL DESIGN		VARIOUS		DIST 4 VARIOUS FUEL CANOPIES	
DRAWING DATE 01-10	DETAILS BY D. GOOD	CHECKED Y.A. WANG	DESIGN SUPERVISOR	DEPARTMENT OF TRANSPORTATION		PROJECT NUMBER & PHASE 0702 04000009271		VARIOUS		ACCESSIBILITY STANDARD DETAILS	
SUBMITTED BY Y.A. WANG				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 0702 04000009271		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	
10-MAR-2011 16:54				EA 3A0901		EA 3A0901		EA 3A0901		SHEET OF	

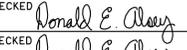
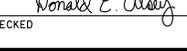
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	61	160
Donald E. Alsey 4/15/2010 LICENSED ARCHITECT DATE					
3-7-11 PLANS APPROVAL DATE					
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FINISH & COLOR SCHEDULE

MANUFACTURER DESIGNATIONS BELOW ARE INCLUDED AS EXAMPLES OF COLOR AND FINISH ONLY, OTHER MANUFACTURER'S PRODUCTS WHICH MATCH THESE PRODUCTS MAY BE SUBMITTED FOR APPROVAL

1. PIPE GUARDS
PAINT KELLY MOORE
AC201-Y SUNLIT PLAZA
SEMI-GLOSS
2. TS COLUMNS, BEAMS & DOWNSPOUT
PAINT KELLY MOORE
OW224-1 DIAMOND WHITE
SEMI-GLOSS
3. PVC PIPE VEHICLE CLEARANCE SIGN
TO BE SELECTED FROM MFR COLORS
(WHITE)
TEXT: PAINT KELLY MOORE
AC218-R FIRE ENGINE
SEMI-GLOSS
4. PERFORATED METAL SOFFIT
TO BE SELECTED FROM MFR COLORS
(WHITE)
5. RADIUSED STANDING SEAM METAL ROOF
TO BE SELECTED FROM MFR COLORS
(BLUE)
6. ROOF GUTTER
PAINT TO MATCH W/ METAL ROOF
SEMI-GLOSS
7. FUEL DISPENSER AND CARD READER
TO BE SELECTED FROM MANUFACTURER COLORS
(WHITE)
8. ABOVE GROUND TANKS
FACTORY FINISH, ENGINEER TO SELECT
9. (E) FUEL HOUSE - SAN MATEO HAYWARD
PAINT TO MATCH EXISTING COLOR

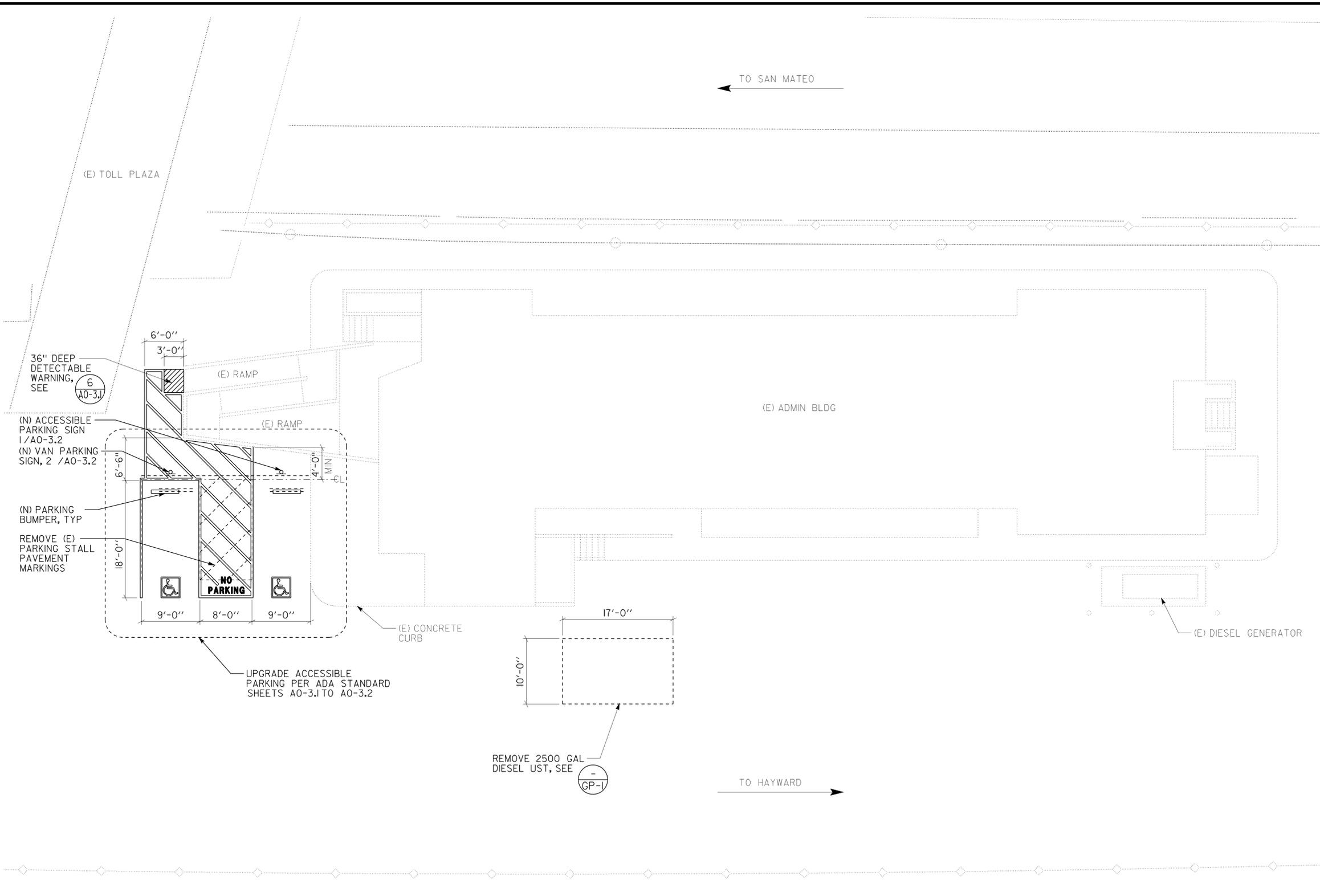
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by:  Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by:  Approval date: JASON D. DEWITT 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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A0-04.dgn TAEMWW Imperial Rev. 7/10 10-MAR-2011 17:21	DESIGN BY ANTHONY MANANSALA CHECKED  DETAILS BY ROBERT QUIBIN CHECKED  QUANTITIES BY CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. VARIOUS POST MILE VARIOUS	DIST 4 VARIOUS FUEL CANOPIES FINISH SCHEDULE	SHEET OF A0-04 X X
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3			UNIT PROJECT NUMBER & PHASE 0702 04000009271 EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10		SHEET OF X X

10-MAR-2011 17:21

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	62	160
Donald E. Alsey LICENSED ARCHITECT			4/15/2010 DATE		
3-7-11 PLANS APPROVAL DATE					
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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UST REMOVAL PLAN
 SCALE 1/8" = 1'-0"

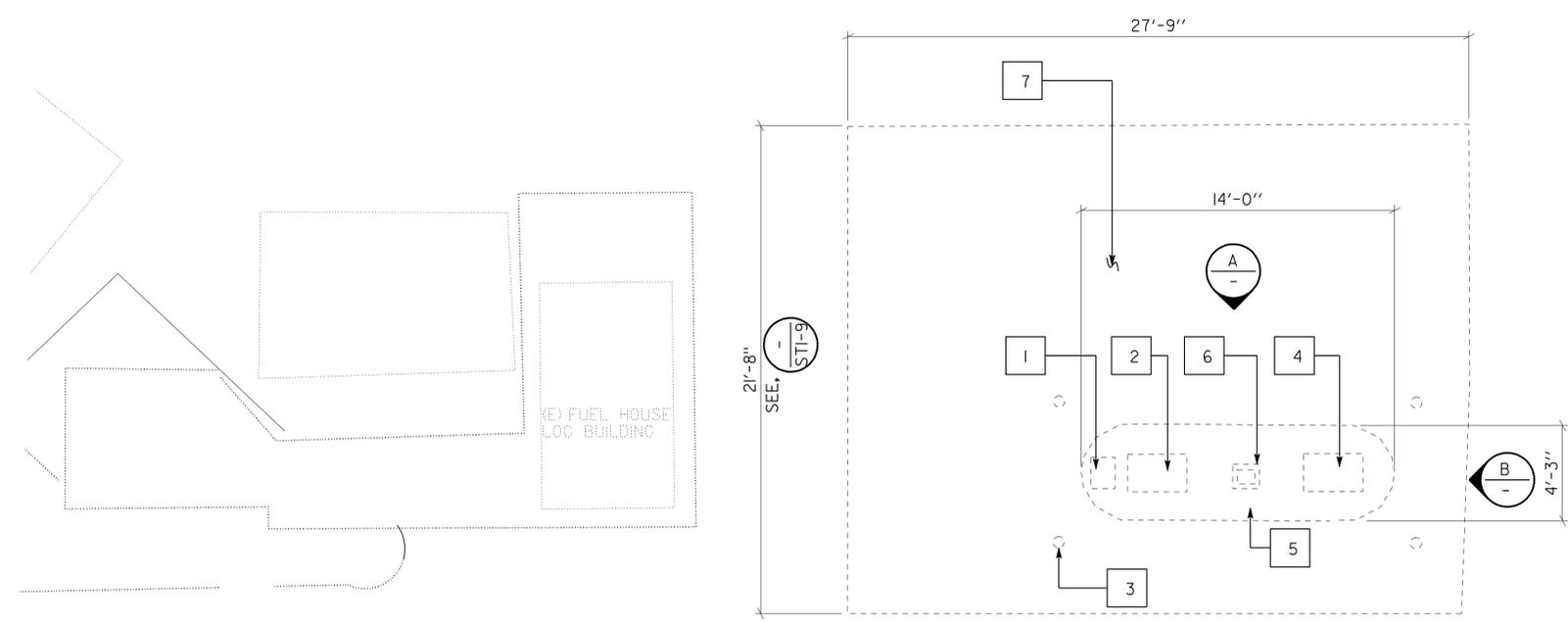
A1_00.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 16:55	DESIGN BY ANTHONY MANANSALA	CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 350054	DIST 4 VARIOUS FUEL CANOPIES	PARTIAL SITE PLAN	SHEET OF A1-00
	DETAILS BY ROBERT QUIBIN	CHECKED		PROJECT NUMBER & PHASE 04000009271	POST MILE 2.6			
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT 0702	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF X X

10-MAR-2011 16:55

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	63	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
 PLANS APPROVAL DATE
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



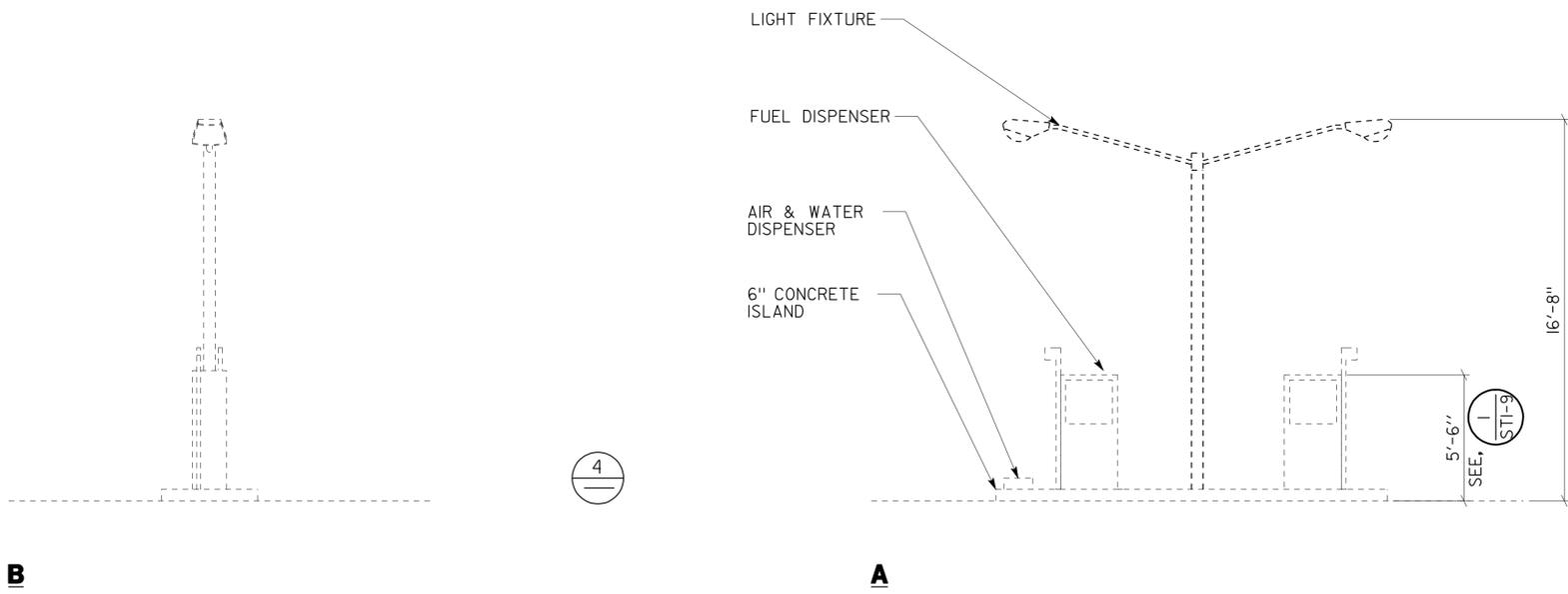
REMOVAL KEY NOTES

- 1 REMOVE (E) AIR AND WATER DISPENSER INCLUDING BUT NOT LIMITED TO SUPPLY LINES.
- 2 REMOVE (E) GAS DISPENSER.
- 3 REMOVE PIPE BOLLARDS
- 4 REMOVE (E) DIESEL DISPENSER.
- 5 REMOVE (E) 6" CONCRETE ISLAND.
- 6 REMOVE (E) LIGHT STANDARD AND LIGHT FIXTURES.
- 7 REMOVE DUAL UST, 2000 GAL GAS AND 2000 GAL DIESEL

REMOVAL NOTES
 1. SEE ELEC SHTS FOR ELEC REMOVAL WORK
 2. REMOVE ANY PLUMBING WORK WHERE OCCURS

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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ENLARGED SITE PLAN - FUEL ISLAND REMOVAL PLAN
 SCALE 1/4" = 1'-0"
 PLAN NORTH

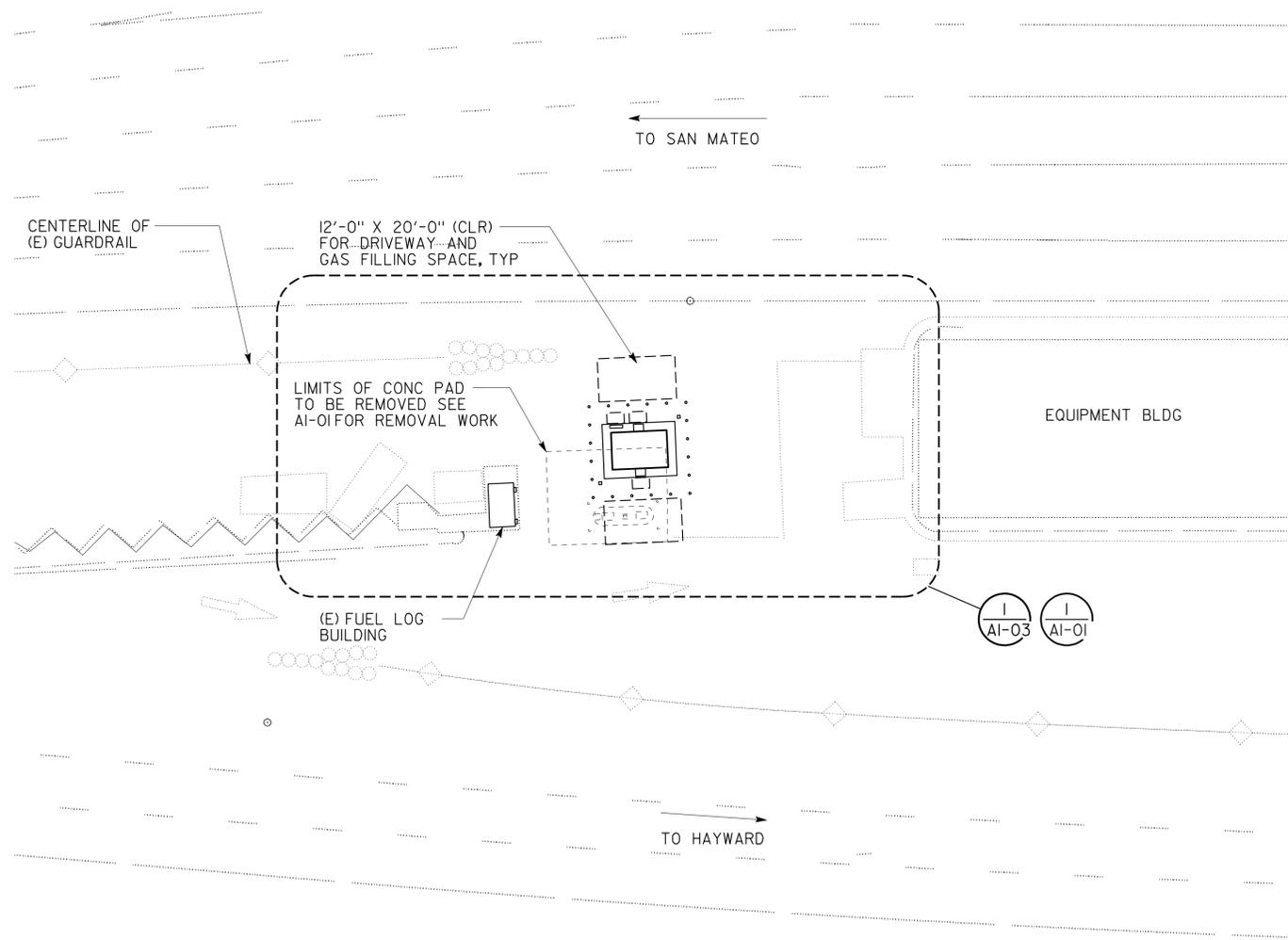


ELEVATIONS - FUEL ISLAND REMOVAL WORK
 SCALE 1/4" = 1'-0"

A1_01.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 16:55	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 350054	DIST 4 VARIOUS FUEL CANOPIES	REMOVAL PLAN	SHEET OF A1-01
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>		PROJECT NUMBER & PHASE 04000009271	POST MILE 2.6			
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	X X	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	64	160
Donald E. Alsey LICENSED ARCHITECT			4/15/2010 DATE		
3-7-11 PLANS APPROVAL DATE					
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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SITE PLAN - AGT PLAN
 SCALE 1" = 20'

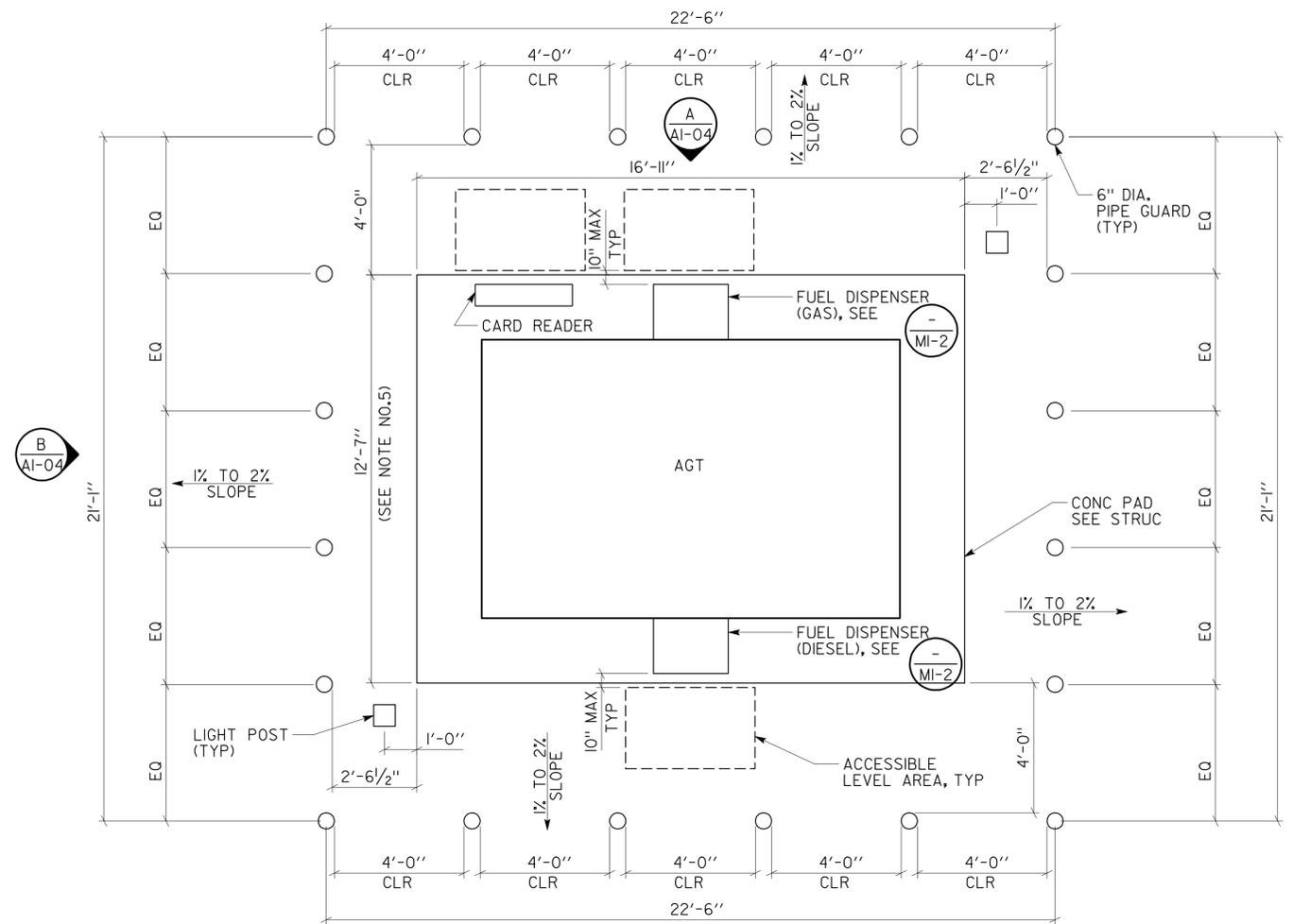
A1_02.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 16:55	DESIGN BY ANTHONY MANANSALA CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 350054	DIST 4 VARIOUS FUEL CANOPIES PARTIAL SITE PLAN	SHEET OF A1-02
	DETAILS BY ROBERT QUIBIN CHECKED		PROJECT NUMBER & PHASE 04000009271	SAN MATEO-HAYWARD M.S. 2.6		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3			UNIT 0702 EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES		SHEET OF X X

10-MAR-2011 16:55

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	65	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
 PLANS APPROVAL DATE
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2 FUEL TANK AND FUEL DISPENSER PLAN
SCALE 3/8" = 1'-0"

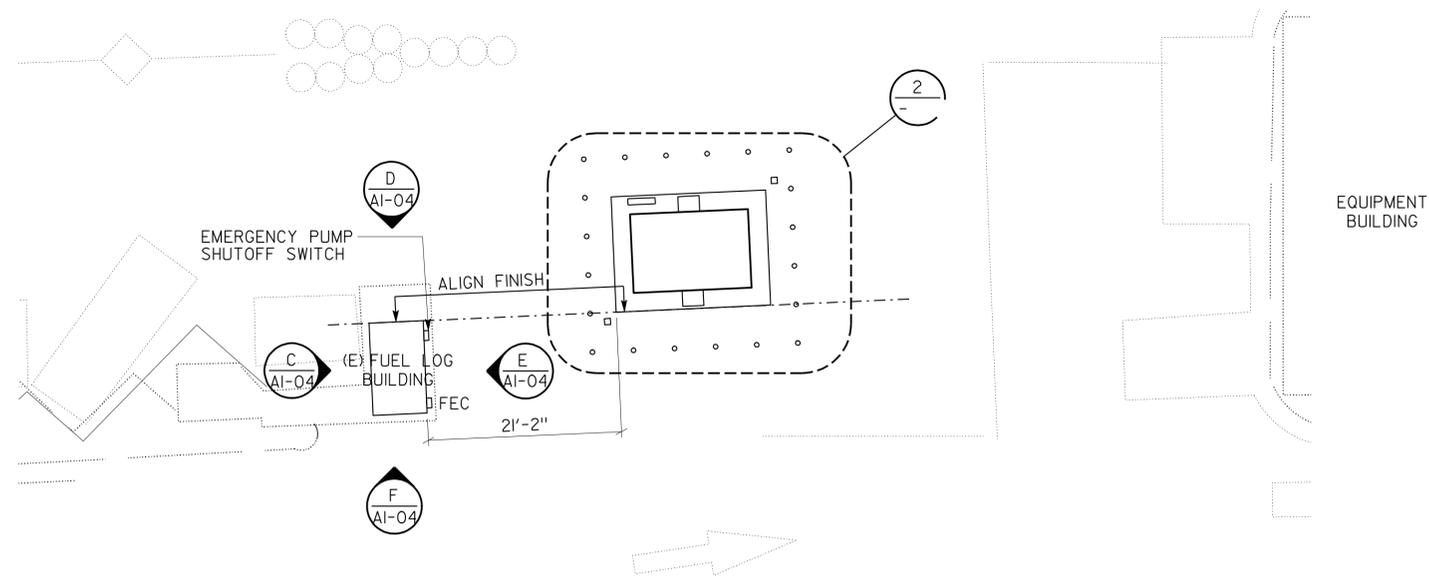
ACCESSIBILITY DESIGN APPROVAL STAMP
DOT / DES / OTA
PROJECT ID: **0400000927**

Reviewed by: *[Signature]*
Date: 07-29-10

CALIFORNIA STATE FIRE MARSHAL APPROVED
Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.

Reviewed by: *[Signature]*
Approval date: 07-13-10
CSFM FILE #15-41-II.0056
CSFM FILE #15-01-II.0089

- NOTE:**
- SEE SHEET A0-04 FOR AGT TYPE AND CAPACITY
 - TANK DIMENSIONS ARE PRESELECTED AND SUBJECT TO CHANGE UPON FINAL SELECTION OF AGT MANUFACTURER.
 - ACCESSIBLE LEVEL AREA SHALL HAVE MAX. 2% SLOPE IN ANY DIRECTIONS. SUCH AREA SHALL BE MIN. 30 INCHES BY 48 INCHES, PROVIDED WITHIN 10 INCHES OF THE FACE OF THE CARD READER AND DISPENSER, WITH THE LONG SIDE OF THIS SPACE PARALLEL TO AND CENTERED (PLUS OR MINUS 9 INCHES) WITH THE CARD READER AND DISPENSER.
 - THE HIGHEST OPERABLE PART OF THE CARD READER SHALL BE NO MORE THAN 54 INCHES ABOVE ADJACENT GROUND.
 - CONCRETE PAD DIMENSIONS MAY VARY DEPENDING UPON OVERALL SIZE OF AGT / DISPENSERS AND MAX 10" FROM FACE OF DISPENSERS TO EDGE OF CONCRETE PAD.



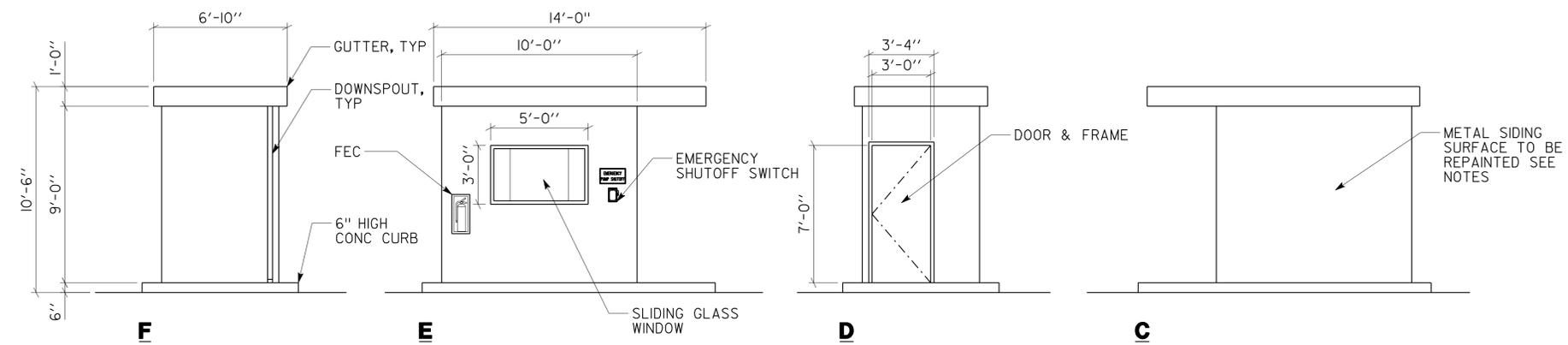
1 ENLARGED SITE PLAN
SCALE 1" = 10'

A1_03.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 16:55	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 350054	DIST 4 VARIOUS FUEL CANOPIES	SHEET OF A1-03
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>		PROJECT NUMBER & PHASE 04000009271	POST MILE 2.6		SAN MATEO-HAYWARD M.S.
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	SHEET OF X X

EA 3A0901 A1_03.dgn

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	66	160
Donald E. Alsey LICENSED ARCHITECT			4/15/2010 DATE		
3-7-11 PLANS APPROVAL DATE					
<i>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</i>					

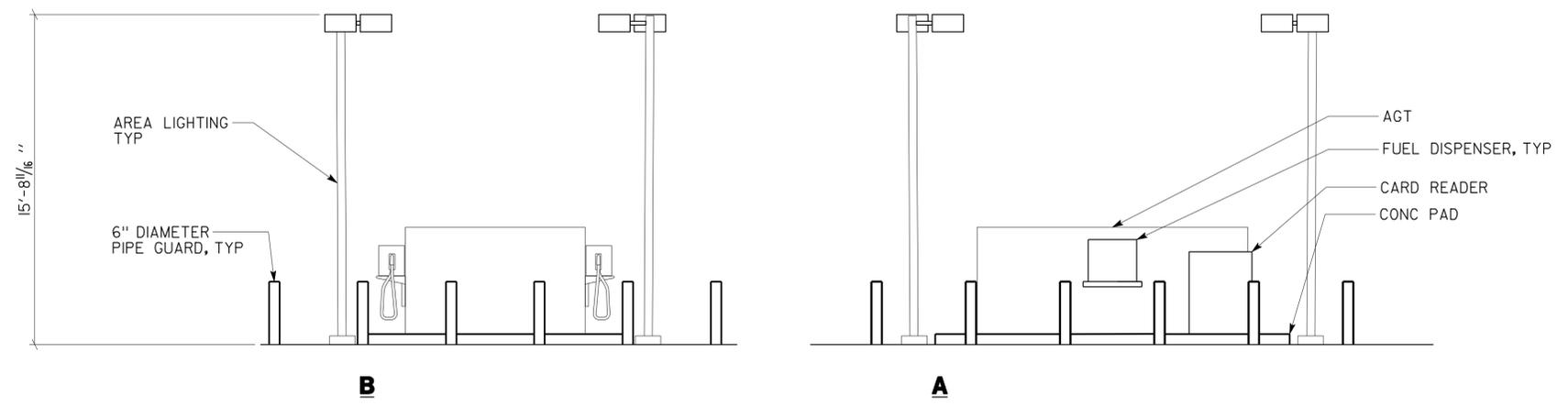
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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(E) FUEL LOG BUILDING

SCALE 1/4" = 1'-0"

- NOTES:
 1. PATCH, REPAIR OR REPLACE DAMAGED GUTTERS AND HOLES WHERE OCCURS
 2. REPAINT ALL EXPOSED SURFACES TO MATCH (E) COLOR

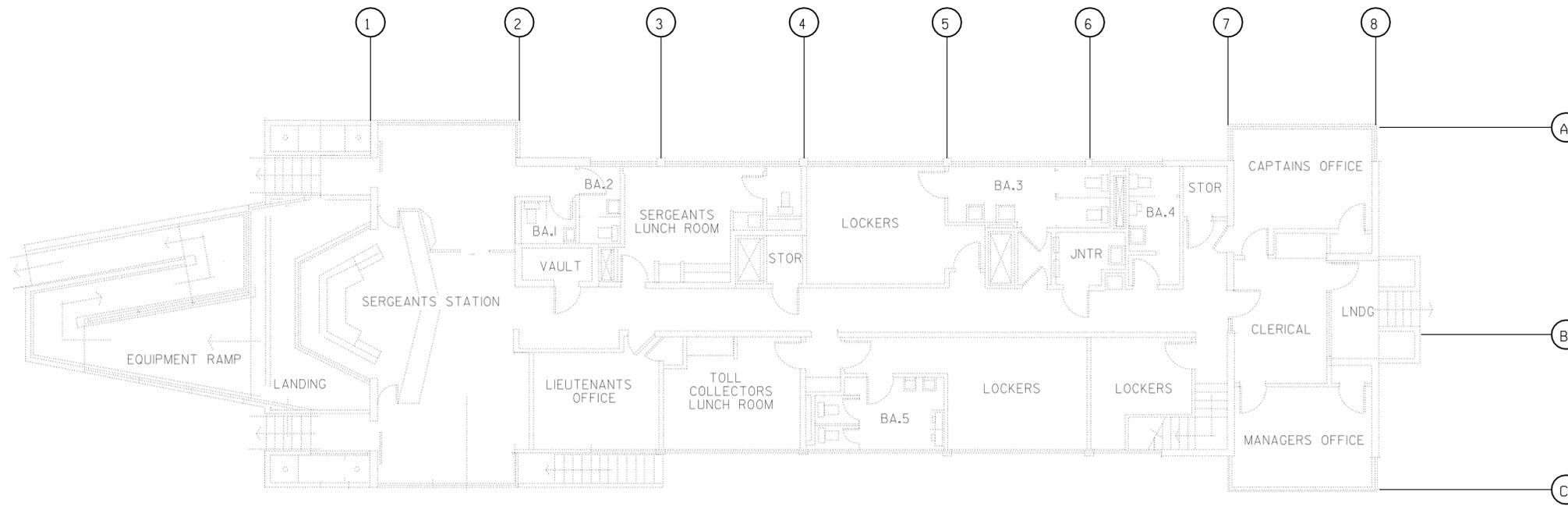


AGT (DUAL TANK)

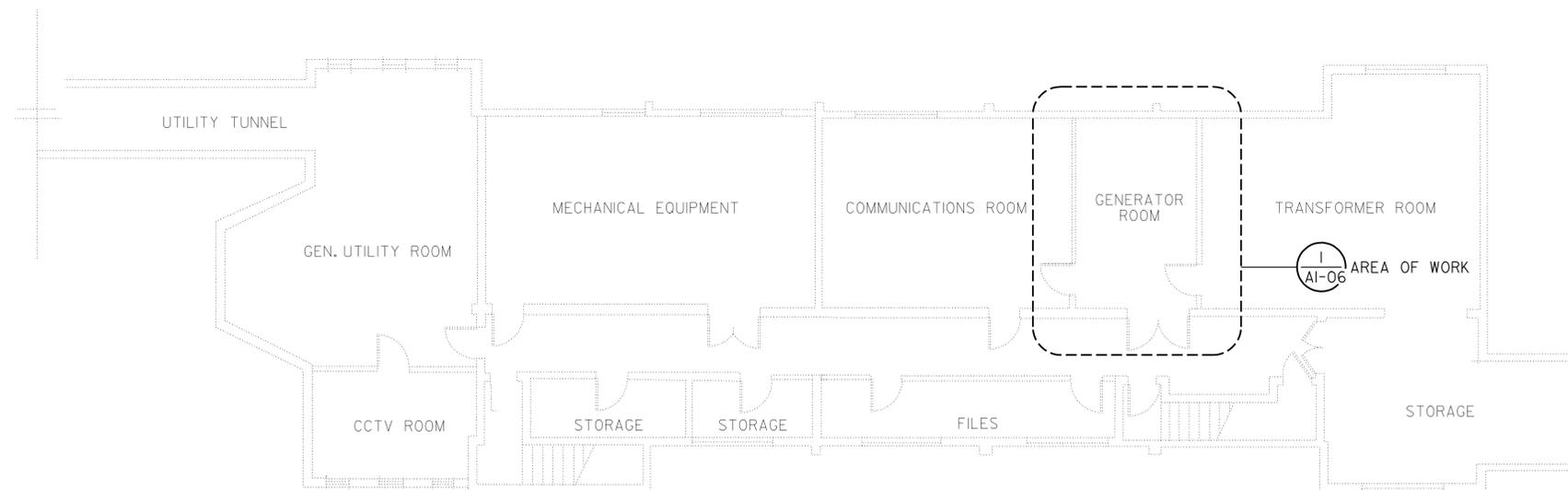
SCALE 1/4" = 1'-0"

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	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>			POST MILE 2.6		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
						11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	X X

10-MAR-2011 16:55



1 MAIN FLOOR PLAN
SCALE 1/8" = 1'-0"



2 BASEMENT FLOOR PLAN
SCALE 1/8" = 1'-0"



DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	67	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 3-7-11
 PLANS APPROVAL DATE
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LICENSED ARCHITECT
 DONALD E. ALSEY
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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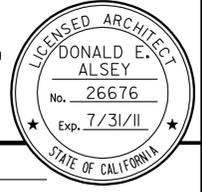
FOR REFERENCE ONLY

A1_05.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 16:55	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 350054	DIST 4 VARIOUS FUEL CANOPIES EXISTING ADMIN BLDG FLOOR PLANS	SHEET OF A1-05
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>			POST MILE 2.6		
	QUANTITIES BY	CHECKED	UNIT PROJECT NUMBER & PHASE 0702 04000009271	EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X

10-MAR-2011 16:55

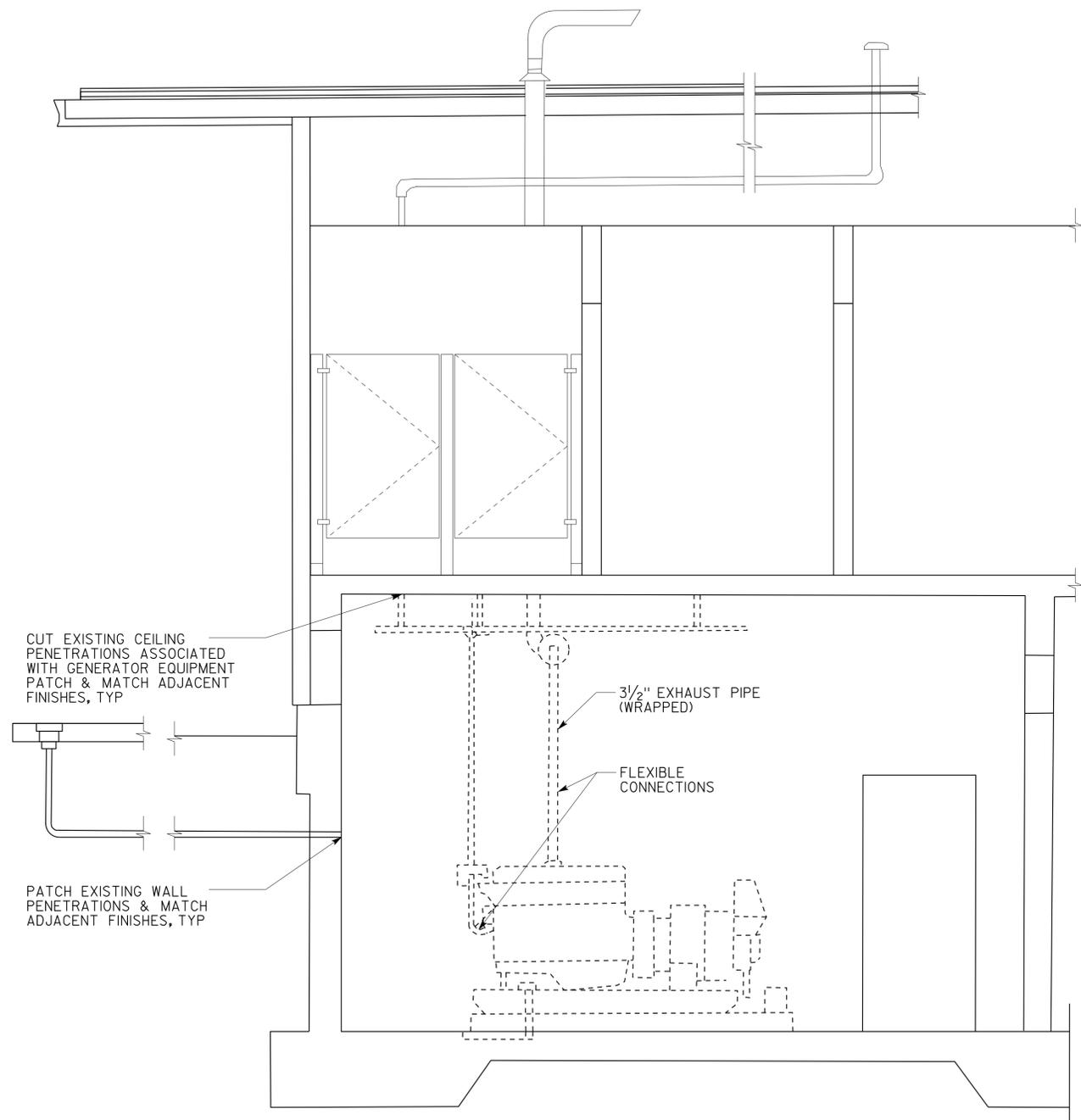
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	68	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 3-7-11
 PLANS APPROVAL DATE
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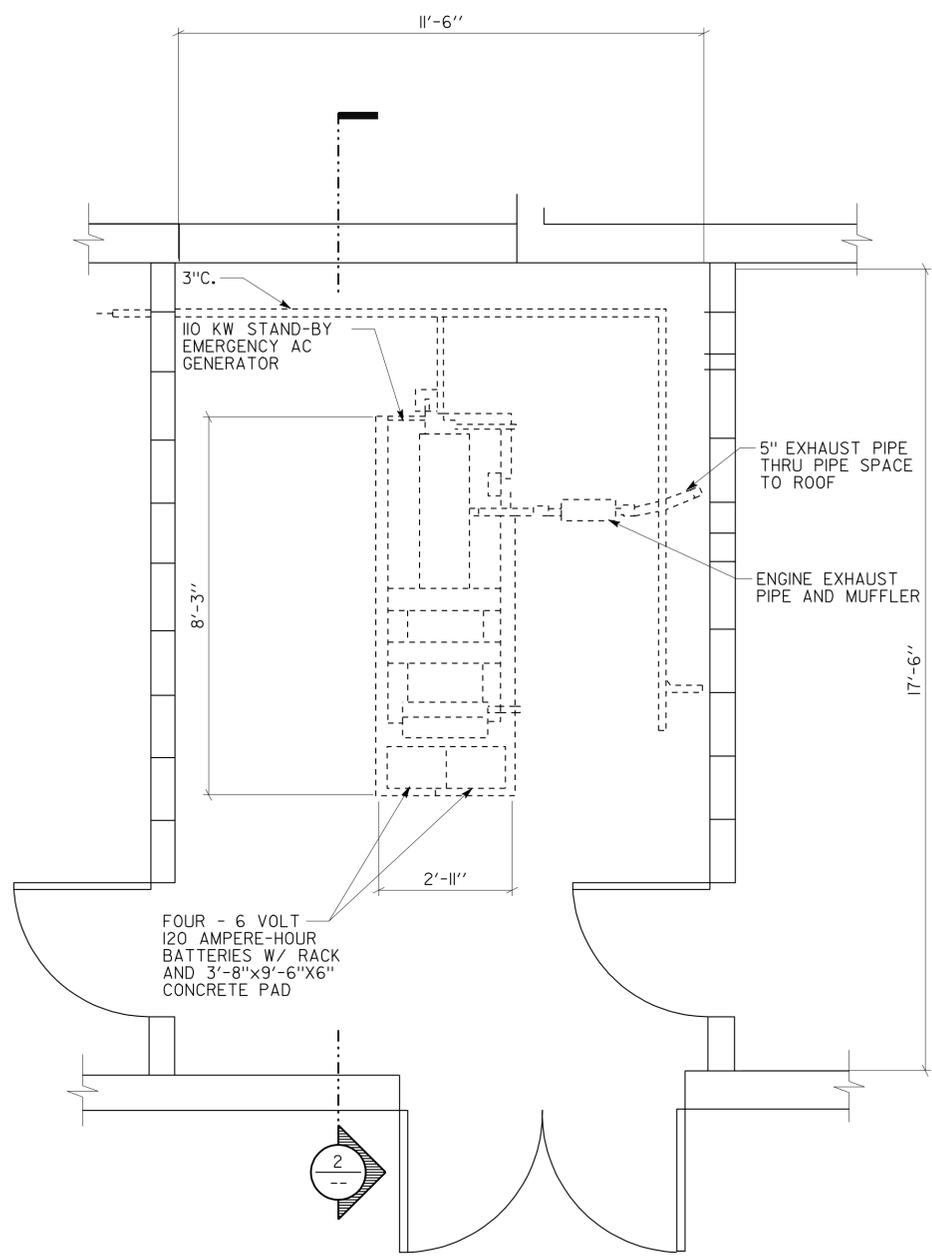


ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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- REMOVAL NOTES:**
1. REMOVE EMERGENCY AC GENERATOR IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO ELECTRICAL & MECHANICAL WIRING, PIPING, ENGINE EXHAUST AND MUFFLER AND BATTERIES WITH RACK. CAP ALL EXPOSED ABANDONED PIPES AT CEILING AND GROUND FLOOR LEVEL WHERE OCCURS.
 2. REMOVE CONCRETE PAD, BACKFILL AND MATCH WITH EXISTING CONCRETE SLAB.



2 SECTION (GENERATOR ROOM)
SCALE 1/2" = 1'-0"



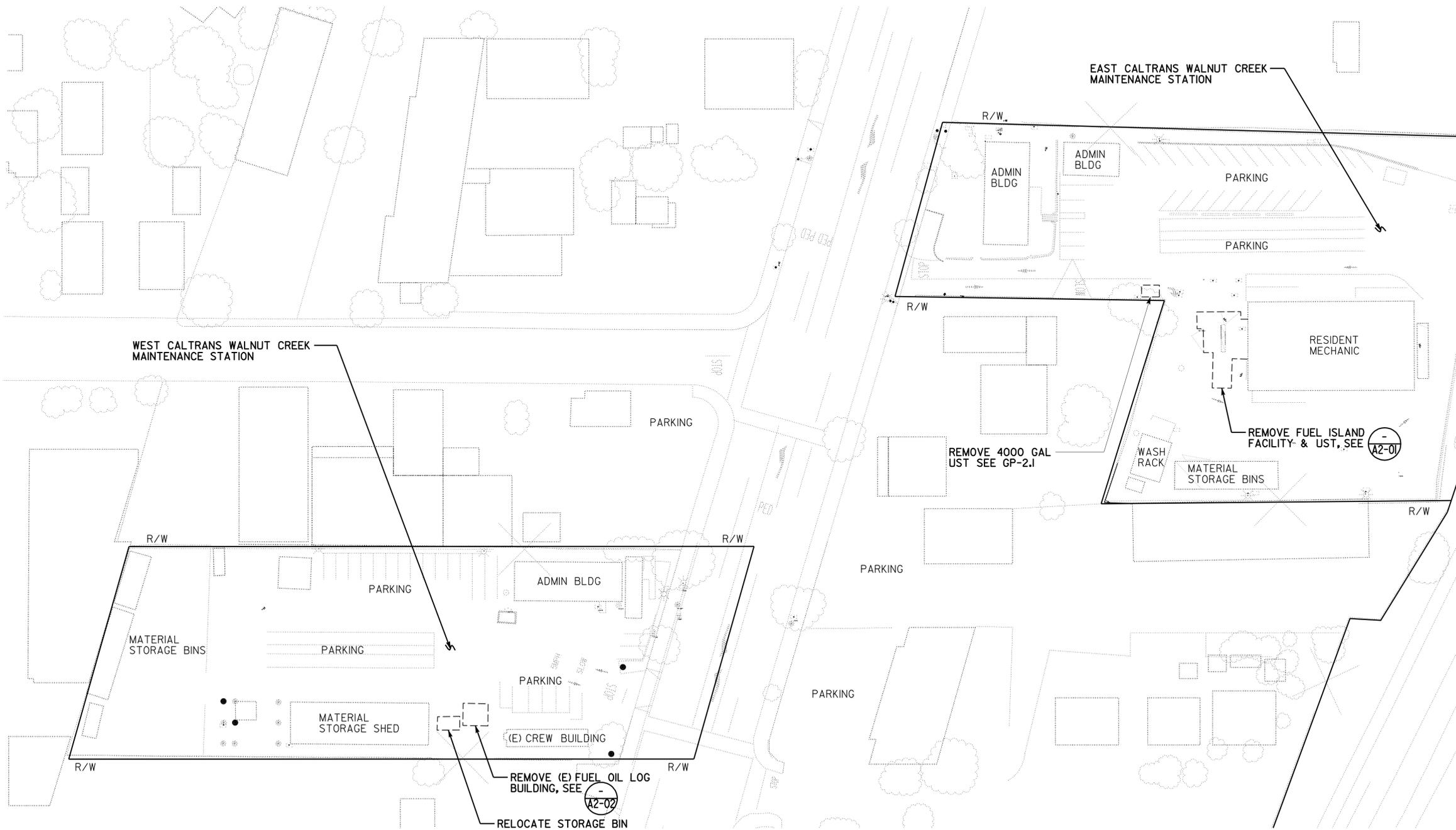
1 PARTIAL PLAN - GENERATOR ROOM
SCALE 1/2" = 1'-0"



A1_06.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 16:55	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 350054	DIST 4 VARIOUS FUEL CANOPIES GENERATOR REMOVAL PLAN	SHEET OF A1-06
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>			POST MILE 2.6		
	QUANTITIES BY	CHECKED	UNIT PROJECT NUMBER & PHASE EA 3A0901	0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X

10-MAR-2011 16:55

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	69	160
Donald E. Alsey LICENSED ARCHITECT			4/15/2010 DATE		
3-7-11 PLANS APPROVAL DATE					
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: Jason D. DeWitt Approval date: 07-13-10 CSFM FILE #15-41-11.0056 CSFM FILE #15-01-11.0089
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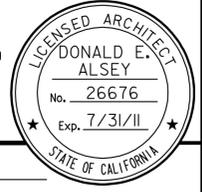
SITE REMOVAL PLAN
NO SCALE

A2-00.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 16:55	DESIGN BY ANTHONY MANANSALA CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 28M5738 28M5745 POST MILE 15.6	DIST 4 VARIOUS FUEL CANOPIES WALNUT CREEK EAST/WEST MS REMOVAL SITE PLAN	SHEET OF A2-00 X X
	DETAILS BY ROBERT QUIBIN CHECKED			UNIT PROJECT NUMBER & PHASE 0702 04000009271		

10-MAR-2011 16:55

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	70	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 3-7-11
 PLANS APPROVAL DATE
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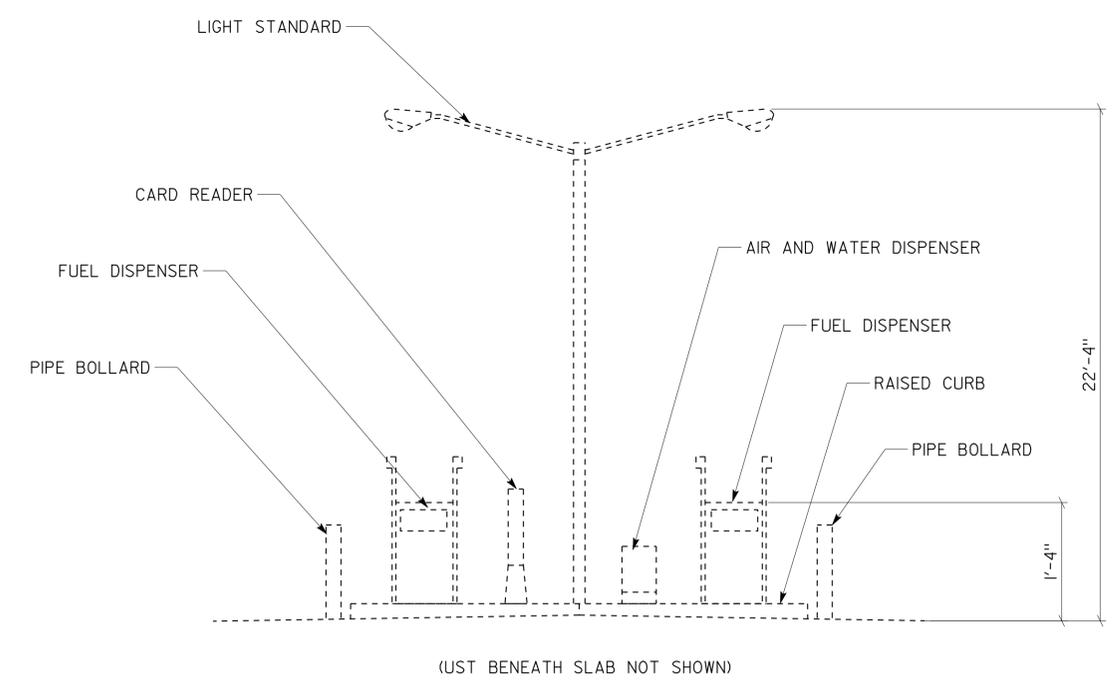
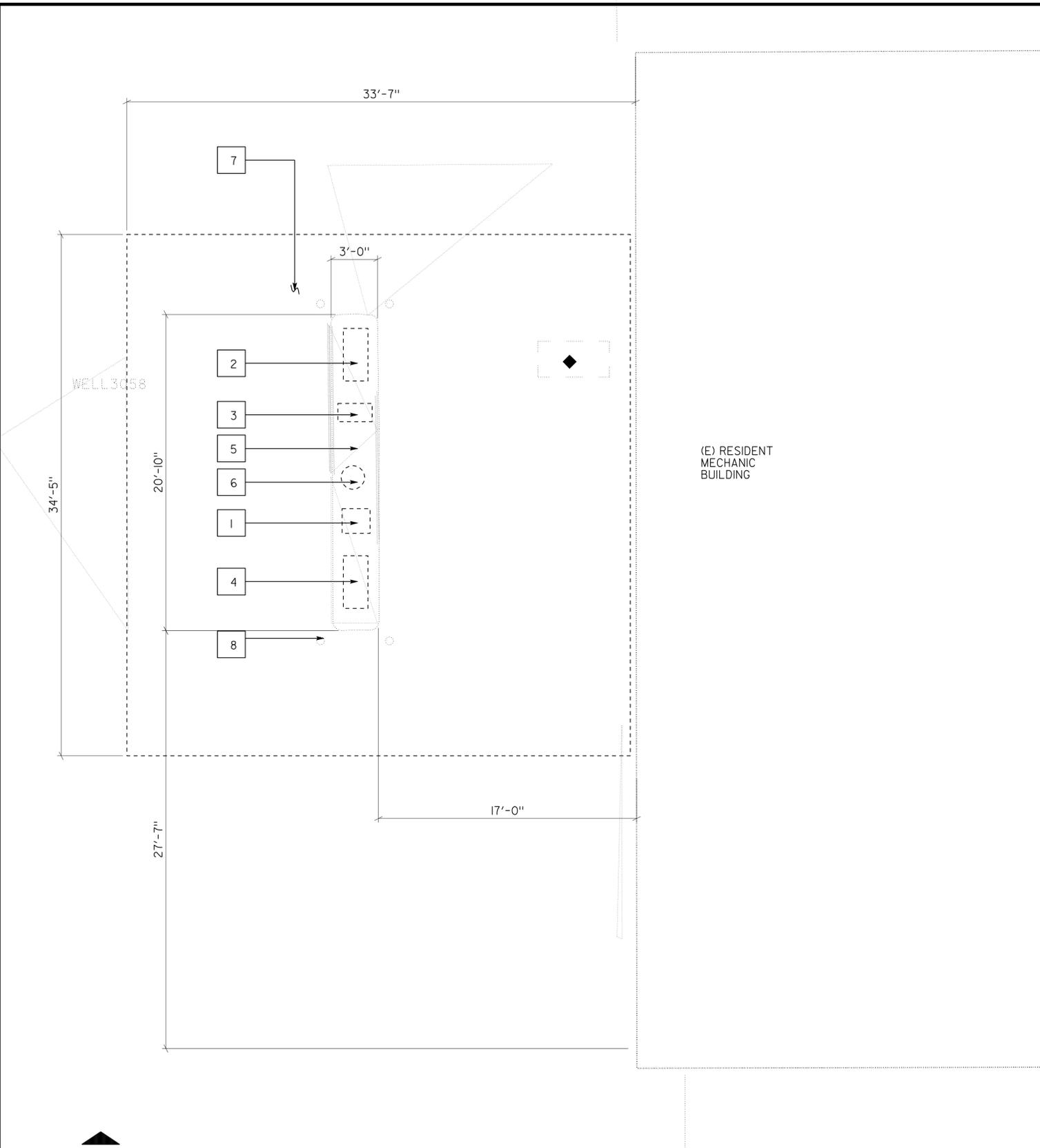
ACCESSIBILITY DESIGN APPROVAL STAMP	CALIFORNIA STATE FIRE MARSHAL APPROVED
DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	Approved Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089

REMOVAL KEY NOTES

- 1 REMOVE (E) AIR AND WATER DISPENSER INCLUDING BUT NOT LIMITED TO SUPPLY LINES.
- 2 REMOVE (E) GAS DISPENSER.
- 3 REMOVE CARD READER
- 4 REMOVE (E) DIESEL DISPENSER.
- 5 REMOVE (E) 6" CONCRETE CURB.
- 6 REMOVE (E) LIGHT STANDARD AND LIGHT FIXTURES.
- 7 REMOVE (E) USTs - 8,000 GALLON GASOLINE, FIBERGLASS DOUBLE WALL UST AND 4,000 GALLON DIESEL, FIBERGLASS, DOUBLE WALL UST.
- 8 REMOVE PIPE GUARDS

REMOVAL NOTES

- 1. SEE ELEC SHEETS FOR ELEC REMOVAL WORK



REMOVAL PLAN
 SCALE 1/4" = 1'-0"
 PLAN NORTH

REMOVAL SIDE ELEVATION
 SCALE 1/4" = 1'-0"

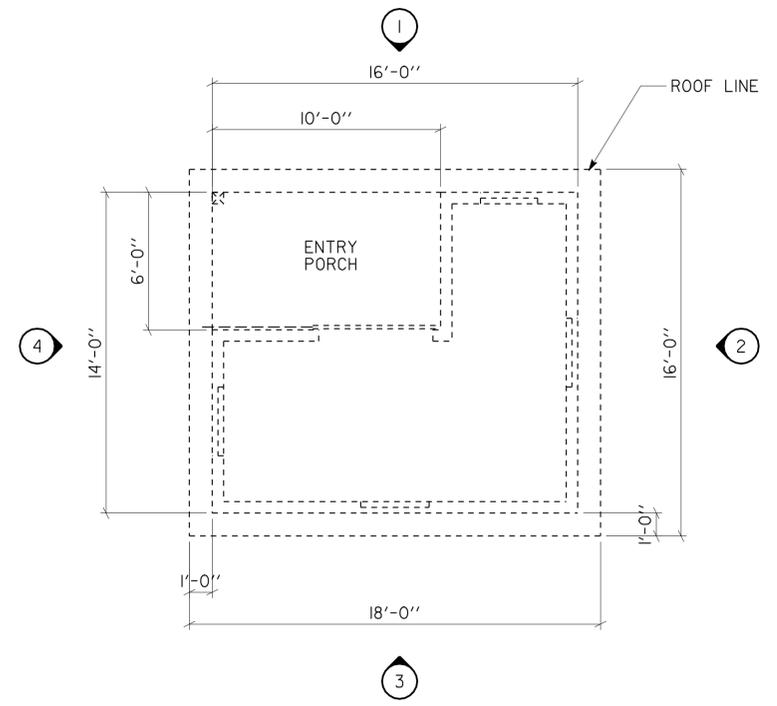
A2-01.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 16:55	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 28M5738 28M5745	DIST 4 VARIOUS FUEL CANOPIES WALNUT CREEK EAST M.S.	UST & FUEL ISLAND REMOVAL	SHEET OF X X
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>		POST MILE 15.6	REVISION DATES (PRELIMINARY STAGE ONLY)			
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10		

10-MAR-2011 16:55

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	71	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
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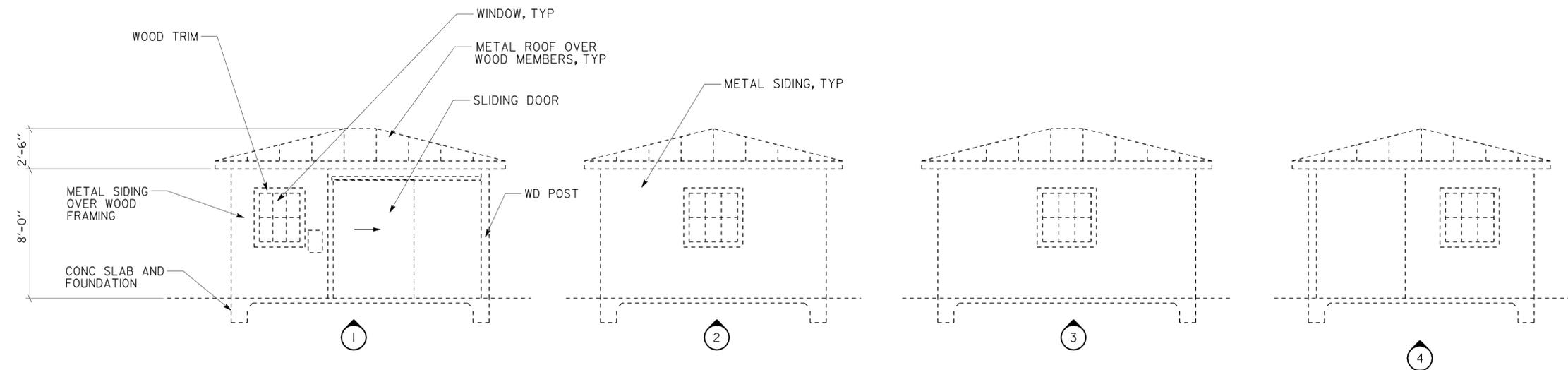
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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NOTE:

- CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS AND FIELD CONDITIONS
- REMOVE FUEL OIL BUILDING IN ITS ENTIRETY INCLUDING BUT NOT LIMITED TO CONCRETE AND FOUNDATION WORK, PLUMBING, MECHANICAL AND ELECTRICAL LINES WHERE OCCURS.



REMOVAL PLAN
SCALE 1/4" = 1'-0"



REMOVAL ELEVATIONS
SCALE 1/4" = 1'-0"

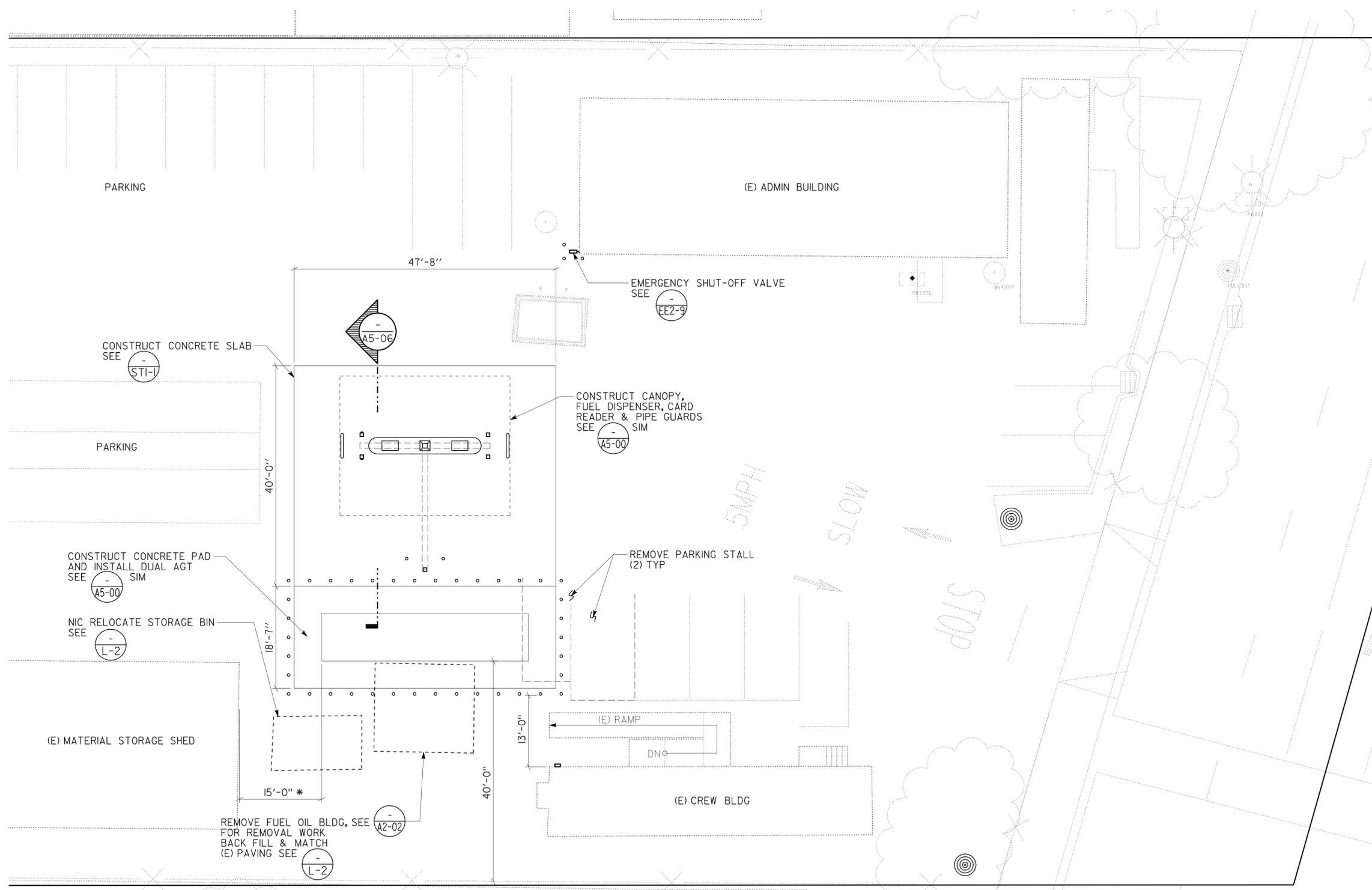
A2-02.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 18:26	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 28M5738 28M5745	DIST 4 VARIOUS FUEL CANOPIES WALNUT CREEK WEST M.S.	OIL LOG REMOVAL PLAN	SHEET OF X X					
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>			POST MILE 15.6								
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)							
						11-21-08	01-17-09	06-12-09	09-11-09	12-10-09	02-11-10	04-15-10	

10-MAR-2011 18:26

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	72	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 LICENSED ARCHITECT No. 26676 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
 PLANS APPROVAL DATE
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* MINIMUM DIMENSION PER 2007 CALIFORNIA FIRE CODE
 NOTE:
 1. SEE SHEET A0-04 FOR AGT TYPE AND CAPACITY
 2. TANK DIMENSIONS ARE PRESELECTED AND SUBJECT TO CHANGE UPON FINAL SELECTION OF AGT MANUFACTURER.

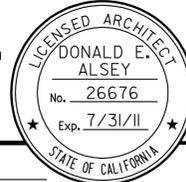


WALNUT CREEK WEST PARTIAL SITE PLAN

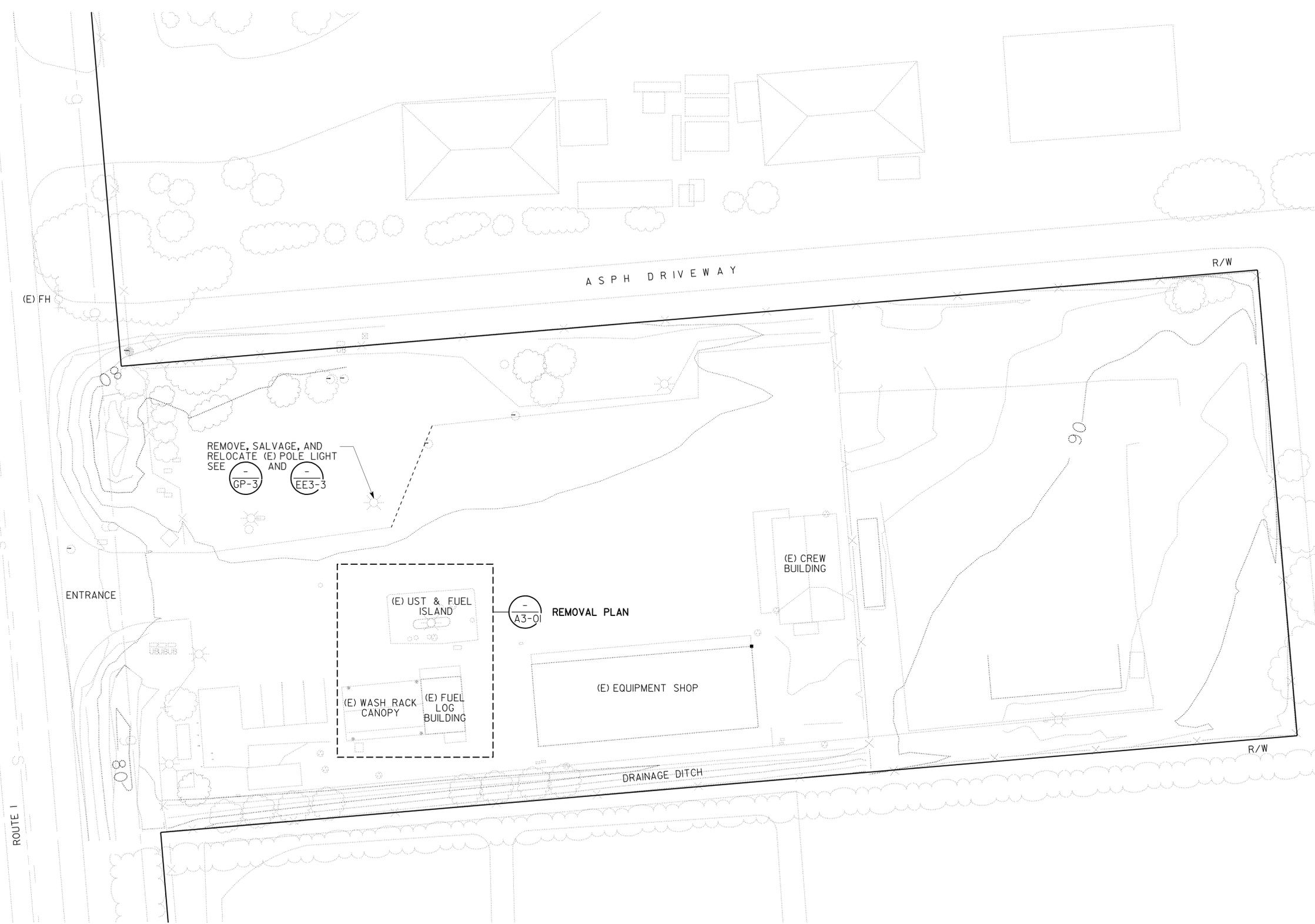
SCALE 1" = 10'

A2-03.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 18:26	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 28M5738 28M5745	DIST 4 VARIOUS FUEL CANOPIES WALNUT CREEK WEST M.S.	PARTIAL SITE PLAN	SHEET OF A2-03
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>			POST MILE 15.6			
	QUANTITIES BY	CHECKED	UNIT PROJECT NUMBER & PHASE 0702 04000009271	EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF	

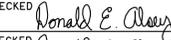
10-MAR-2011 18:26

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	73	160
Donald E. Alsey LICENSED ARCHITECT			4/15/2010 DATE		
3-7-11 PLANS APPROVAL DATE					
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by:  Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by:  Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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REMOVAL SITE PLAN
 PLAN NORTH
 SCALE 1" = 25'

A3-0.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 18:29	DESIGN BY ANTHONY MANANSALA CHECKED 	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 35M5710	DIST 4 VARIOUS FUEL CANOPIES REMOVAL SITE PLAN	SHEET OF A3-00
	DETAILS BY ROBERT QUIBIN CHECKED 		QUANTITIES BY CHECKED	PROJECT NUMBER & PHASE 0702 04000009271		POST MILE 26.9
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 0702 04000009271		DISREGARD PRINTS BEARING EARLIER REVISION DATES		SHEET OF X X

10-MAR-2011 18:29

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	74	160

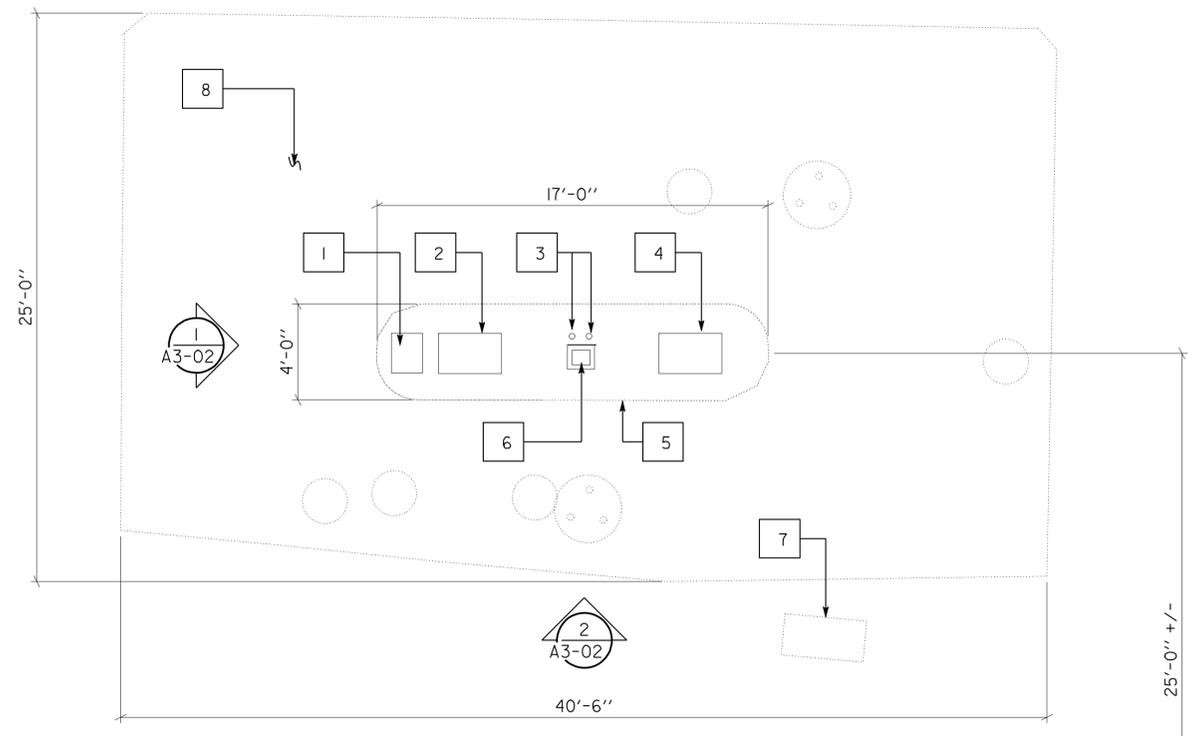
Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 LICENSED ARCHITECT No. 26676 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
 PLANS APPROVAL DATE
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REMOVAL KEY NOTES

- 1 REMOVE (E) AIR AND WATER DISPENSER INCLUDING BUT NOT LIMITED TO SUPPLY LINES.
- 2 REMOVE (E) GAS DISPENSER.
- 3 REMOVE (E) METAL PIPES.
- 4 REMOVE (E) DIESEL DISPENSER.
- 5 REMOVE (E) 6" CONCRETE ISLAND.
- 6 REMOVE (E) LIGHT STANDARD AND LIGHT FIXTURES.
- 7 REMOVE (E) PULL BOX
- 8 REMOVE (E) USTs - 10,000 GALLON GASOLINE, FIBERGLASS DOUBLE WALL UST AND 4,000 GALLON DIESEL, FIBERGLASS, DOUBLE WALL UST.

REMOVAL NOTES
 I. SEE ELEC SHTS FOR ELEC REMOVAL WORK



ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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FUEL ISLAND REMOVAL PLAN
 SCALE 1/4" = 1'-0"

DESIGN	BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>
DETAILS	BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>
QUANTITIES	BY	CHECKED

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 ARCHITECTURAL AND STRUCTURAL DESIGN

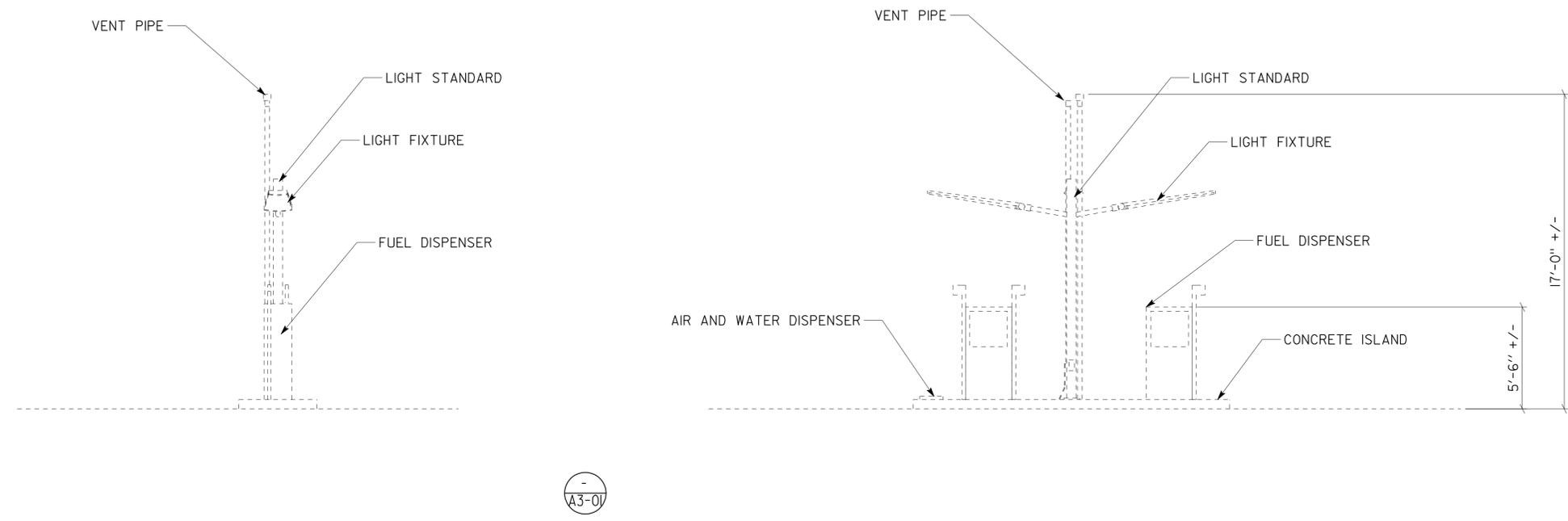
BRIDGE NO.	35M5710
POST MILE	26.9

DIST 4 VARIOUS FUEL CANOPIES
 HALF MOON BAY M.S.
 UST & FUEL ISLAND REMOVAL PLAN

SHEET **A3-01**

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	75	160
Donald E. Alsey LICENSED ARCHITECT			4/15/2010 DATE		
3-7-11 PLANS APPROVAL DATE					
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
--	--



NOTE: CONTRACTOR TO VERIFY ALL DIMENSIONS

1 END ELEVATION
SCALE 1/4" = 1'-0"

2 SIDE ELEVATION
SCALE 1/4" = 1'-0"

A3-01

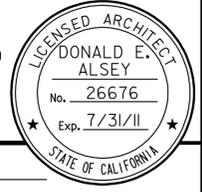
A3-2.dgn DS OSD Imperial Rev. 10/07 10-MAR-2011 18:26	DESIGN BY ANTHONY MANANSALA	CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 35M5710	DIST 4 VARIOUS FUEL CANOPIES REMOVAL ELEVATION	SHEET OF A3-02
	DETAILS BY ROBERT QUIBIN	CHECKED		PROJECT NUMBER & PHASE 0702 04000009271	POST MILE 26.9		HALF MOON BAY M.S.
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	UNIT	EA 3A0901		X X A3-2.dgn

10-MAR-2011 18:26

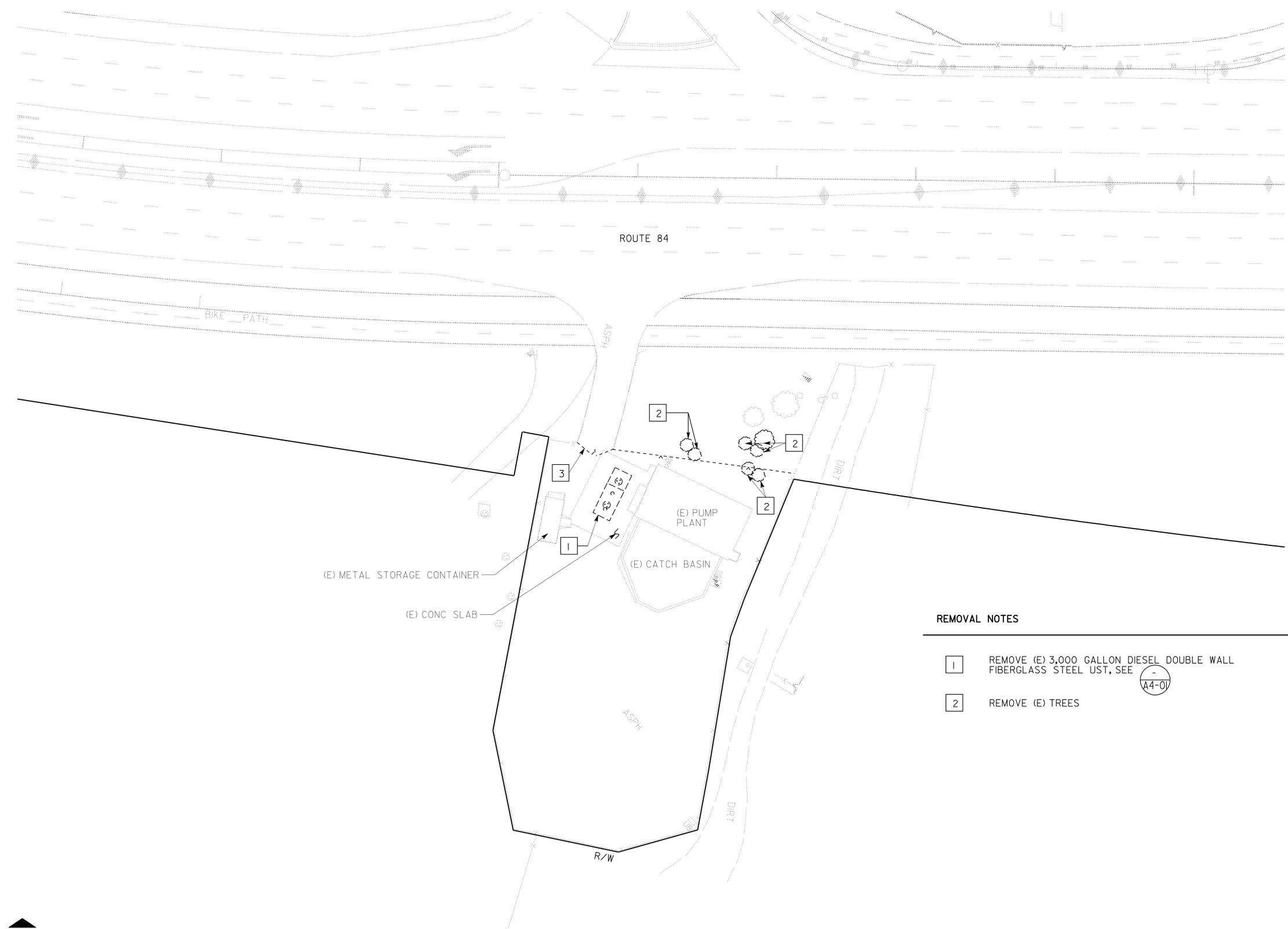
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	76	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 LICENSED ARCHITECT

3-7-11
 PLANS APPROVAL DATE
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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REMOVAL NOTES

- 1 REMOVE (E) 3,000 GALLON DIESEL DOUBLE WALL FIBERGLASS STEEL UST, SEE (A4-01)
- 2 REMOVE (E) TREES

REMOVAL SITE PLAN
 PLAN NORTH
 SCALE 1" = 25'

a4-00.dgn DS OSD Imperial Rev. 10/07 14-MAR-2011 09:40	DESIGN BY ANTHONY MANANSALA CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 35-0292W	DIST 4 VARIOUS FUEL CANOPIES REMOVAL SITE PLAN	SHEET OF A4-00
	DETAILS BY ROBERT QUIBIN CHECKED <i>Donald E. Alsey</i>		PROJECT NUMBER & PHASE 0702 04000009271	POST MILE 28.0		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3			DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	

14-MAR-2011 09:40

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	77	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 LICENSED ARCHITECT No. 26676 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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REMOVE EXISTING 3,000 GAL DIESEL UST.
 REFERENCE GP-4

REMOVAL PLAN
 PLAN NORTH
 SCALE 1/8" = 1'-0"

A4-01.dgn DS OSD Imperial Rev. 10/07 14-MAR-2011 06:29	DESIGN BY ANTHONY MANANSALA CHECKED <i>[Signature]</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 35-0292W	DIST 4 VARIOUS FUEL CANOPIES	SHEET OF A4-01
	DETAILS BY ROBERT QUIBIN CHECKED <i>[Signature]</i>			POST MILE 28.0		
QUANTITIES BY _____ CHECKED _____		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271 EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	SHEET OF X X

14-MAR-2011 06:29

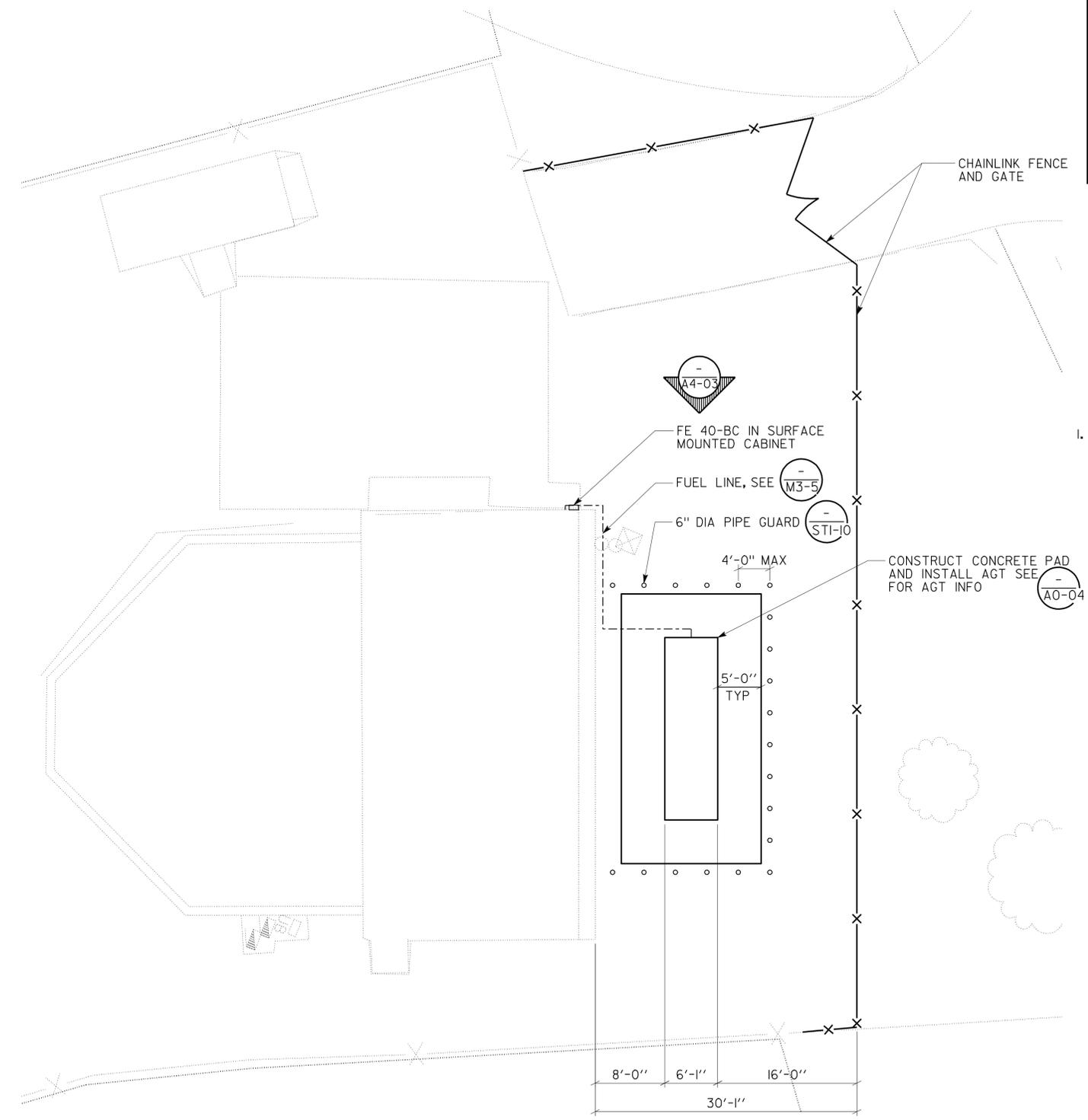
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	78	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE

LICENSED ARCHITECT DONALD E. ALSEY
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
 PLANS APPROVAL DATE

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ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID: **0400000927**
 Reviewed by: *[Signature]*
 Date: 07-29-10

CALIFORNIA STATE FIRE MARSHAL APPROVED
 Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
 Reviewed by: *[Signature]*
 Approval date: 07-13-10
 CSFM FILE #15-41-II.0056
 CSFM FILE #15-01-II.0089

NOTE:
 1. TANK DIMENSIONS ARE PRESELECTED AND SUBJECT TO CHANGE UPON FINAL SELECTION OF AGT MANUFACTURER.

NEW CONSTRUCTION PLAN
 PLAN NORTH
 SCALE 1/8" = 1'-0"

DESIGN SUPERVISOR	DESIGNER	CHECKED BY: <i>Donald E. Alsey</i>	SHEET LEGEND A-I ARCHITECTURAL ST-I STRUCTURAL M-I MECHANICAL EE-I ELECTRICAL W-I WATER SUPPLY SS-I SANITARY	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	DIST 4 VARIOUS FUEL CANOPIES	SHEET OF A4-02
DESIGN ARCHITECT	DRAWN BY	STRUCTURAL REVIEW: <i>Donald E. Alsey</i>				35-0292W		
A4-2.dgn			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE	0702 04000009271	POST MILE 28.0	NEW CONSTRUCTION PLAN	REVISION DATES (PRELIMINARY STAGE ONLY)
DS OSD Imperial Rev. 10/07 14-MAR-2011 06:31			0 1 2 3	EA 3A0901		DISREGARD PRINTS BEARING EARLIER REVISION DATES	11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	X X

14-MAR-2011 06:31

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	79	160

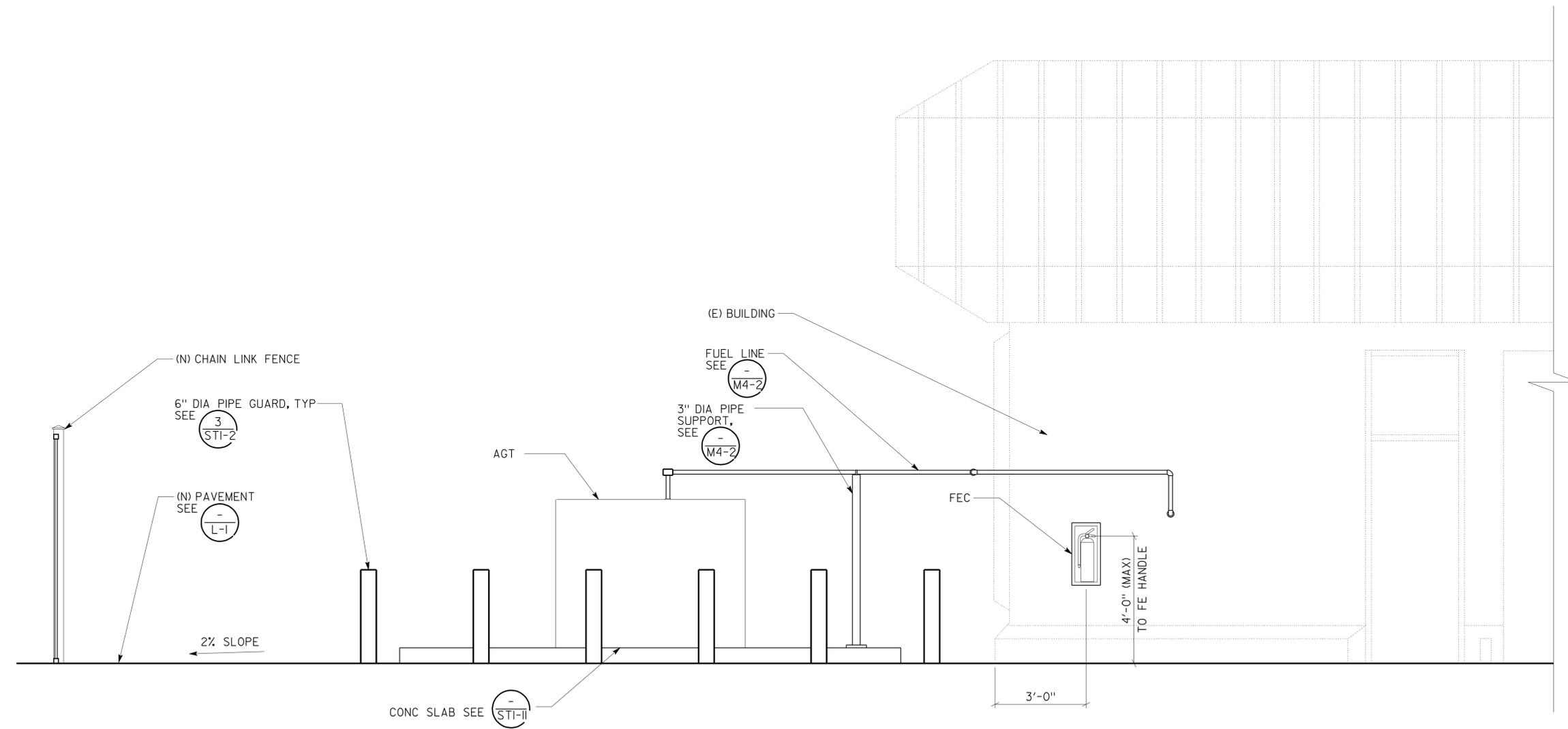
Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE

LICENSED ARCHITECT DONALD E. ALSEY
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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WEST ELEVATION
SCALE 1/2" = 1'-0"

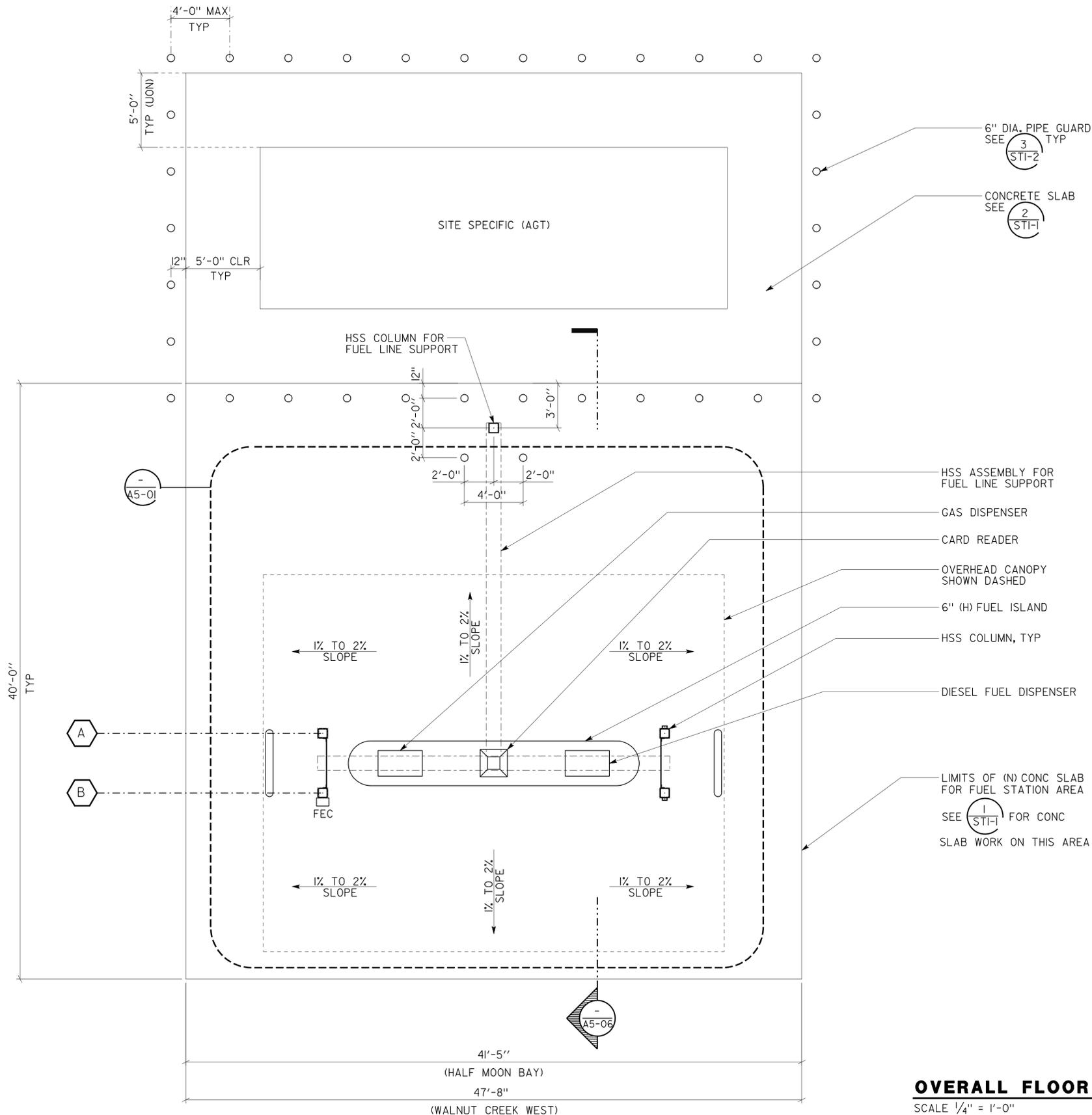
A4-3.dgn DS OSD Imperial Rev. 10/07 14-MAR-2011 06:31	DESIGN BY ANTHONY MANANSALA CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 35-0292W	DIST 4 VARIOUS FUEL CANOPIES	SHEET OF A4-03	
	DETAILS BY ROBERT QUIBIN CHECKED <i>Donald E. Alsey</i>			POST MILE 28.0			RAVENSWOOD PUMP PLANT
QUANTITIES BY CHECKED		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	SHEET OF X X

14-MAR-2011 06:31

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	80	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
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ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID: **0400000927**
 Reviewed by: *[Signature]*
 Date: 07-29-10

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: *[Signature]*
 Approval date: 07-13-10
 CSFM FILE #15-41-11.0056
 CSFM FILE #15-01-11.0089

- NOTE:**
- SEE SHEET A0-04 FOR AGT TYPE AND CAPACITY
 - SEE GP SHEETS FOR SPECIFIC ORIENTATION.
 - SEE STRUC DWG FOR AGT DIMENSIONS AND CONC SLAB WORK
 - THIS SHEET IS FOR WALNUT CREEK WEST AND HALFMOON BAY SITES ONLY
 - THE HIGHEST OPERABLE PART OF THE CARD READER SHALL BE NO MORE THAN 54 INCHES ABOVE ADJACENT GROUND.

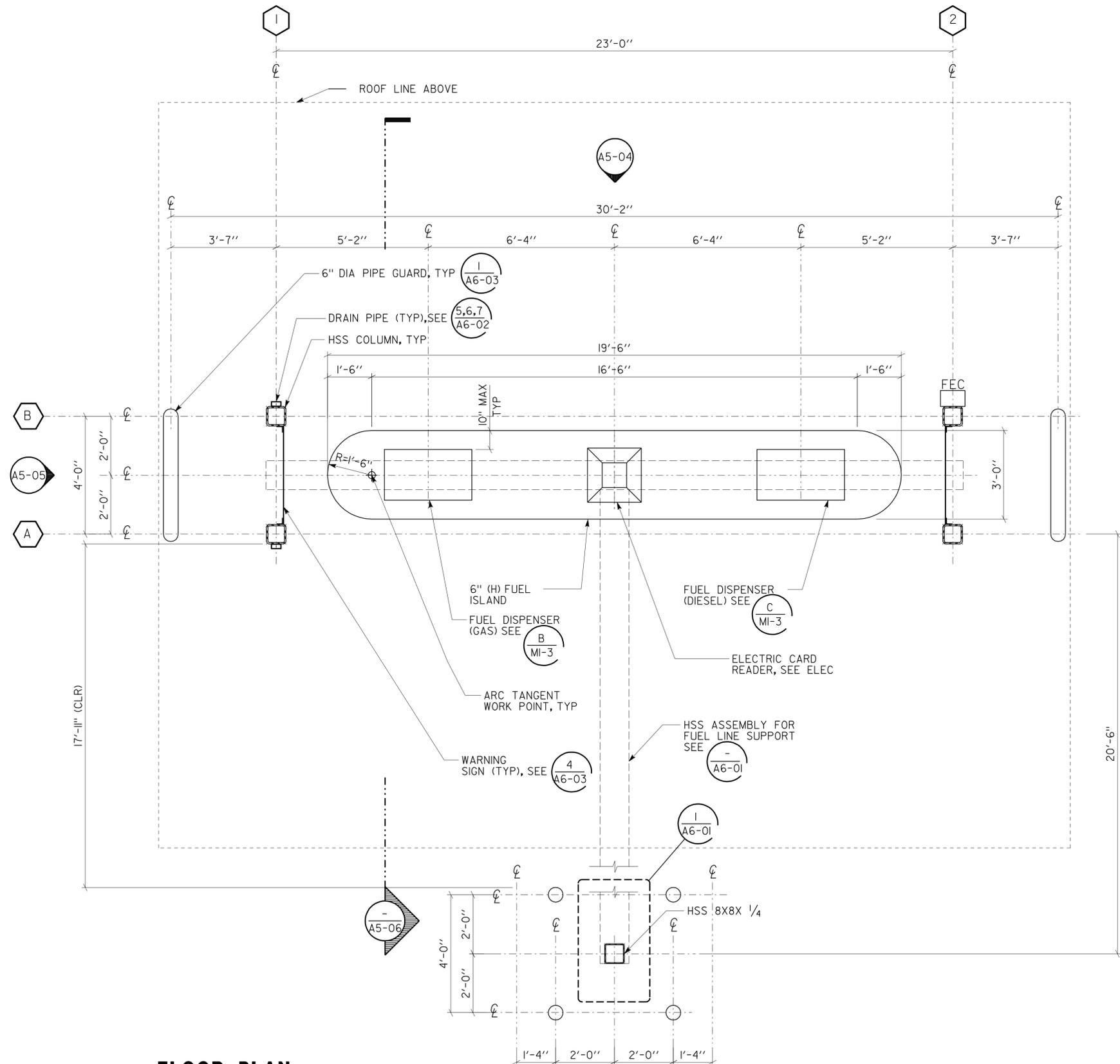
OVERALL FLOOR PLAN - AGT & FUEL CANOPY
 SCALE 1/4" = 1'-0"

A5_00.dgn DS OSD Imperial Rev. 10/07 11-MAR-2011 14:20	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. VARIOUS	DIST 4 VARIOUS FUEL CANOPIES	SHEET OF A5-00
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>			POST MILE VARIOUS		
	QUANTITIES BY	CHECKED	UNIT PROJECT NUMBER & PHASE 0702 04000009271	EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	81	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 LICENSED ARCHITECT DONALD E. ALSEY
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
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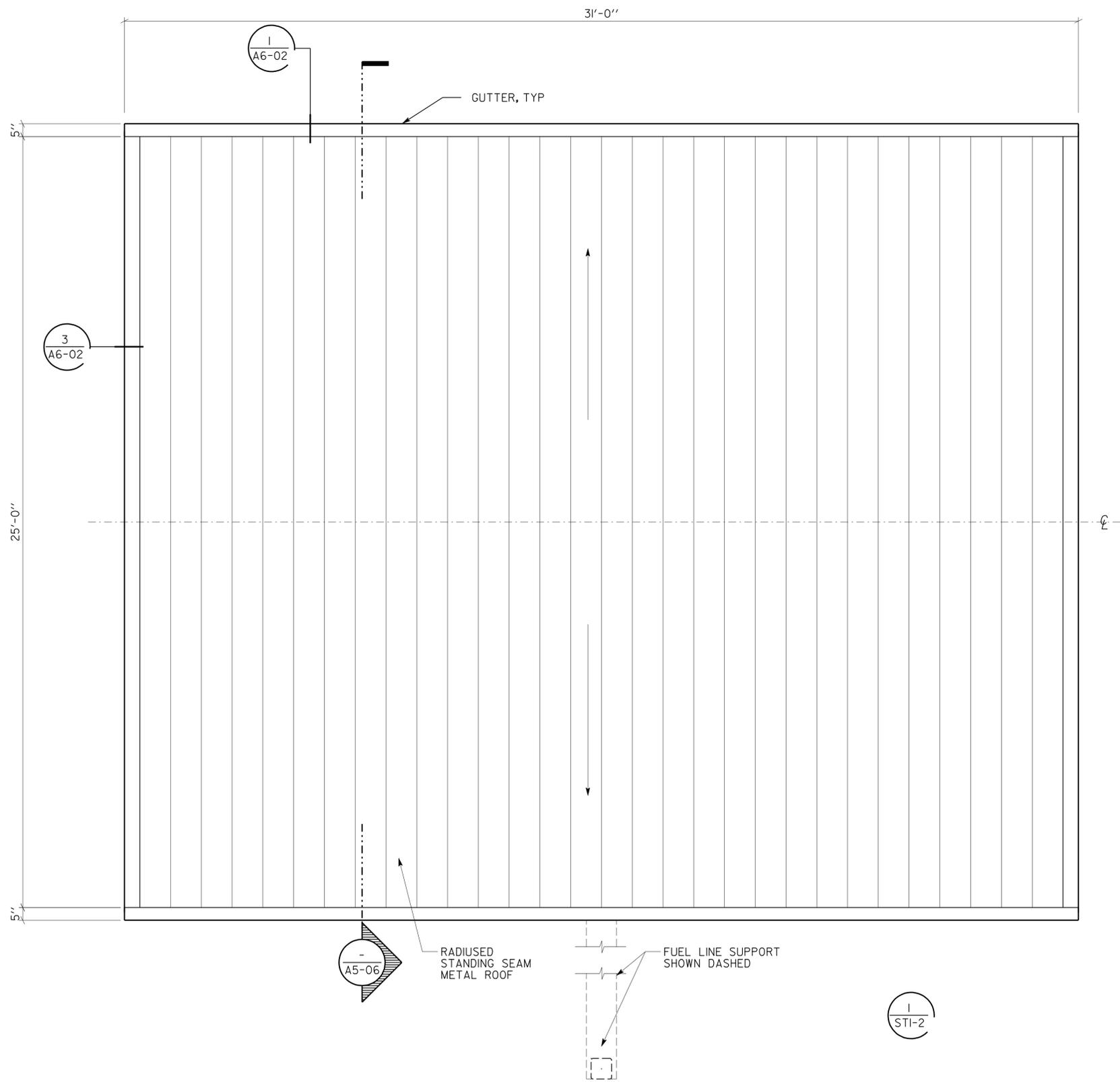


FLOOR PLAN
SCALE 1/2" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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- NOTE:**
- SEE GP SHEETS FOR SPECIFIC ORIENTATION.
 - SEE FOR AGT DIMENSIONS AND CONC SLAB WORK
 - THIS SHEET IS FOR WALNUT CREEK WEST AND HALFMOON BAY SITES ONLY

A5_01.dgn	DS OSD Imperial Rev. 10/07 14-MAR-2011 06:34	DESIGN BY ANTHONY MANANSALA DETAILS BY ROBERT QUIBIN QUANTITIES BY	CHECKED <i>Donald E. Alsey</i> CHECKED <i>Donald E. Alsey</i> CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. VARIOUS POST MILE VARIOUS	DIST 4 VARIOUS FUEL CANOPIES AGT & FUEL ISLAND	FLOOR PLAN	SHEET OF A5-01
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0 1 2 3		UNIT PROJECT NUMBER & PHASE 0702 04000009271 EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	SHEET OF X X	A5_01.dgn	



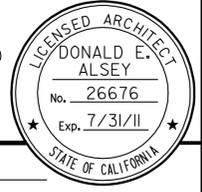
ROOF PLAN
SCALE 1/2" = 1'-0"

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	82	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE

3-7-11
 PLANS APPROVAL DATE

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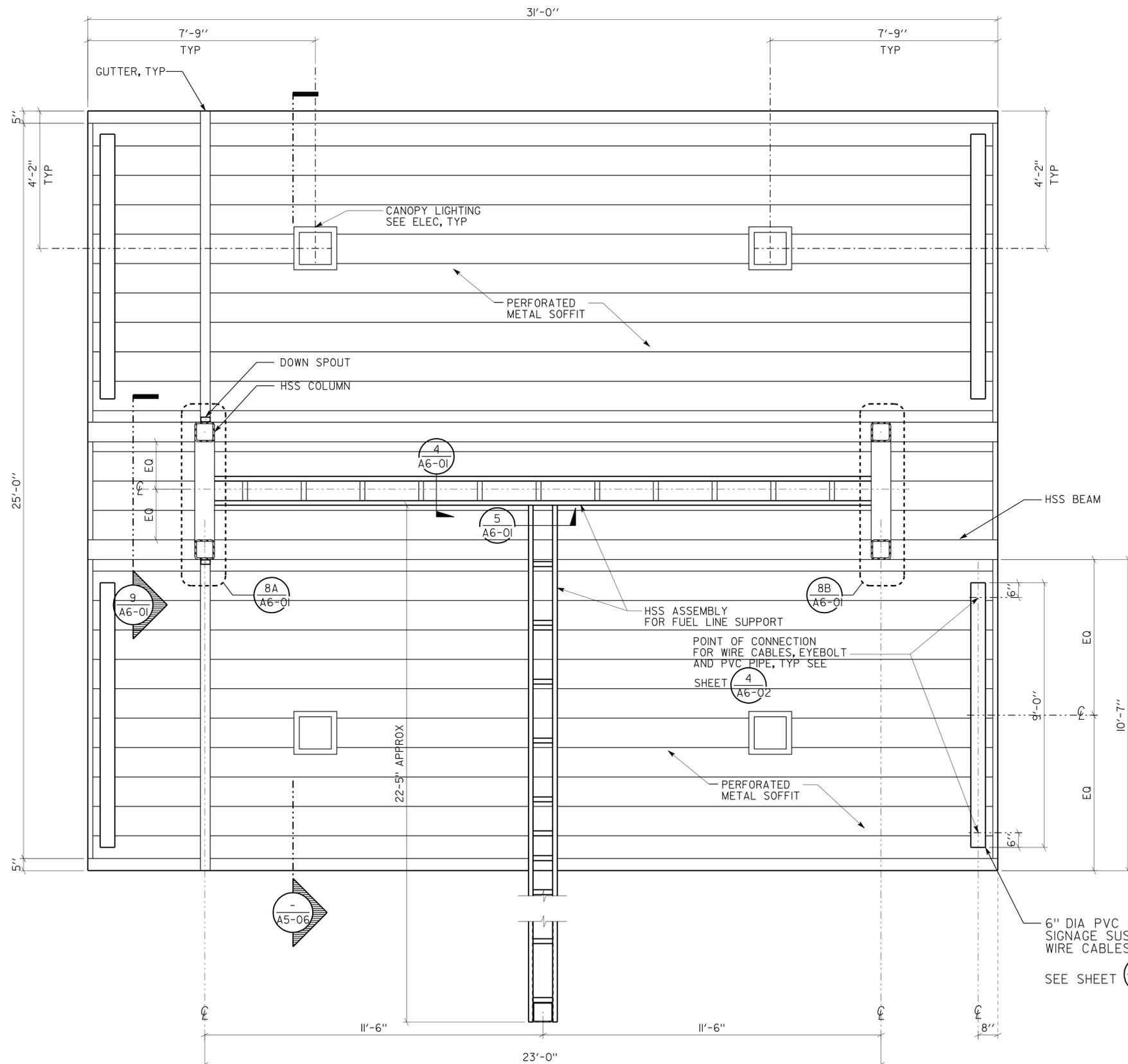


ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-11.0056 CSFM FILE #15-01-11.0089
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- NOTE:**
- SEE GP SHEETS FOR SPECIFIC ORIENTATION.
 - SEE (1/STI-1) FOR AGT DIMENSIONS AND CONC SLAB WORK
 - THIS SHEET IS FOR WALNUT CREEK WEST AND HALFMOON BAY SITES ONLY

A5_02.dgn DS OSD Imperial Rev. 10/07 11-MAR-2011 14:20	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. VARIOUS	DIST 4 VARIOUS FUEL CANOPIES	SHEET OF A5-02	
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>			POST MILE VARIOUS			AGT & FUEL ISLAND
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271 EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF X X

11-MAR-2011 14:20



REFLECTED CEILING PLAN
SCALE 1/2" = 1'-0"

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	83	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-11.0056 CSFM FILE #15-01-11.0089
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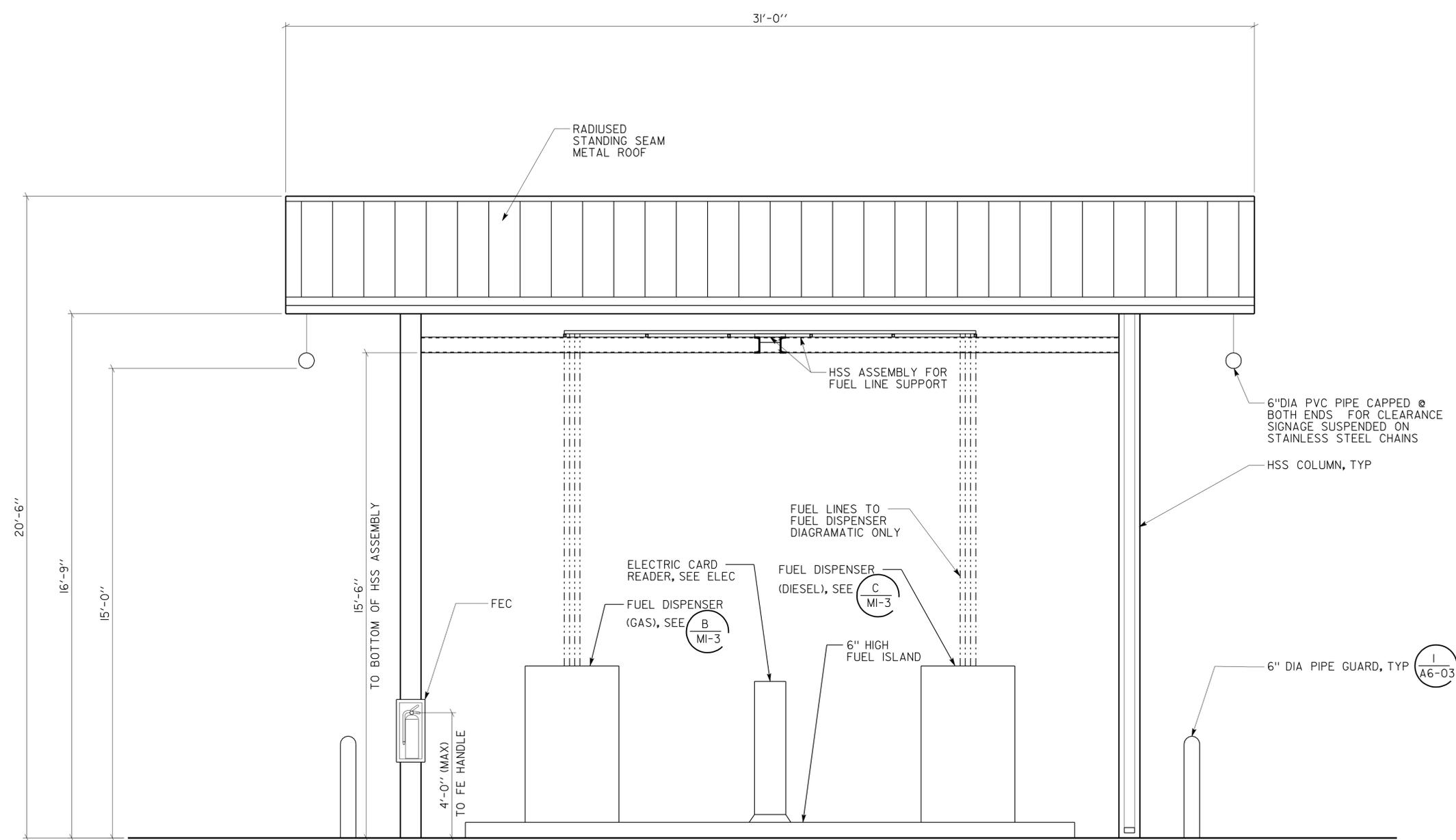
- NOTE:
- SEE GP SHEETS FOR SPECIFIC ORIENTATION.
 - SEE  FOR AGT DIMENSIONS AND CONC SLAB WORK
 - THIS SHEET IS FOR WALNUT CREEK WEST AND HALFMOON BAY SITES ONLY

A5_03.dgn DS OSD Imperial Rev. 10/07 11-MAR-2011 14:20	DESIGN BY ANTHONY MANANSALA	CHECKED <i>Donald E. Alsey</i>	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. VARIOUS	DIST 4 VARIOUS FUEL CANOPIES	SHEET OF	
	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>			POST MILE VARIOUS			AGT & FUEL ISLAND
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE	0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	SHEET OF X X

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	84	160

Donald E. Alsey 4/15/2010
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-11.0056 CSFM FILE #15-01-11.0089
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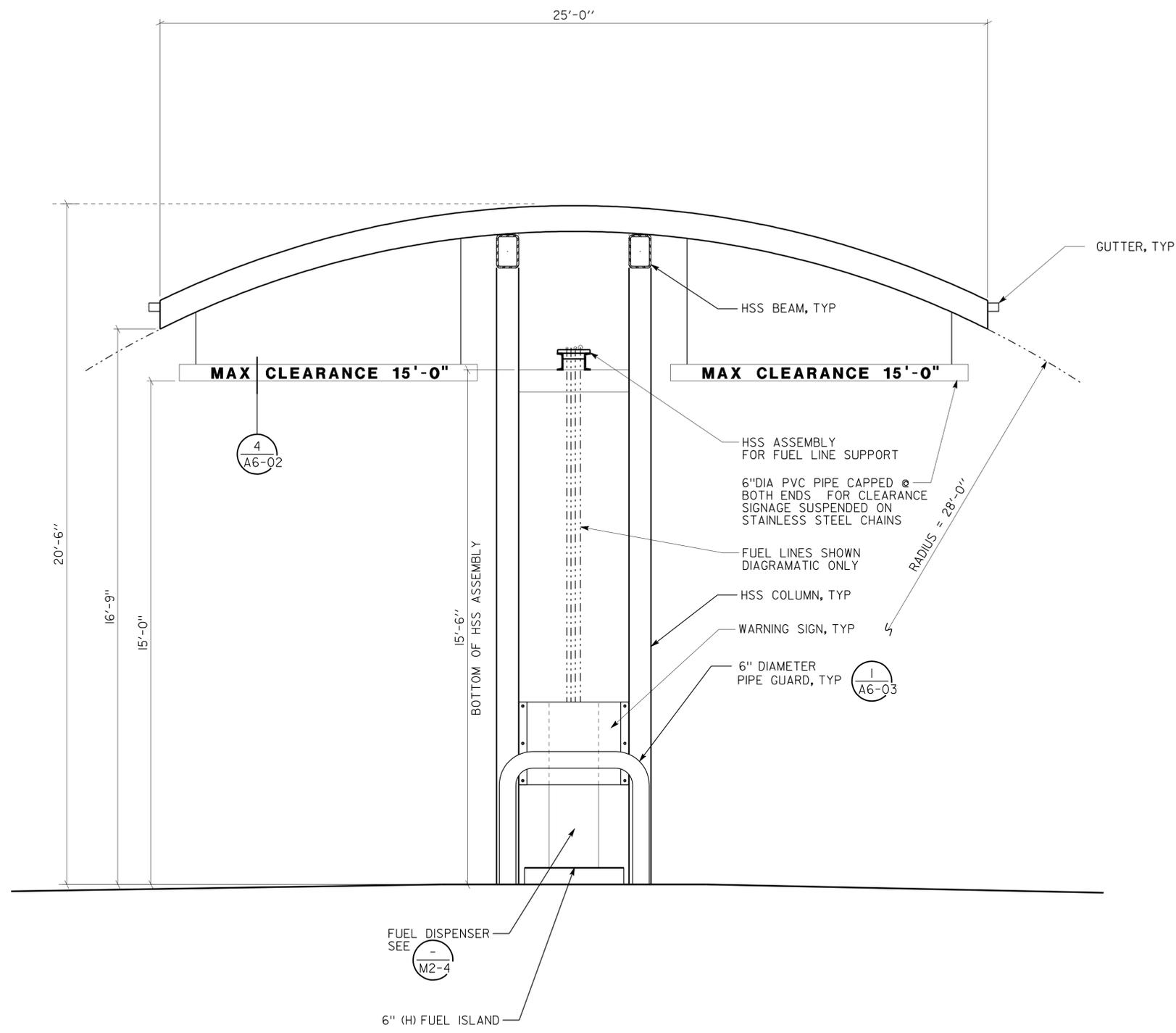
SIDE ELEVATION
SCALE 1/2" = 1'-0"

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	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>		ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE VARIOUS		
	QUANTITIES BY	CHECKED					
	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
			0 1 2 3			11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	X X

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	85	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 LICENSED ARCHITECT DONALD E. ALSEY
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
 PLANS APPROVAL DATE
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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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END ELEVATION

SCALE 1/2" = 1'-0"

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QUANTITIES BY CHECKED		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271 EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10	SHEET OF X X

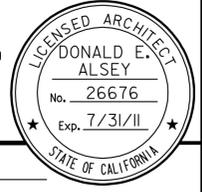
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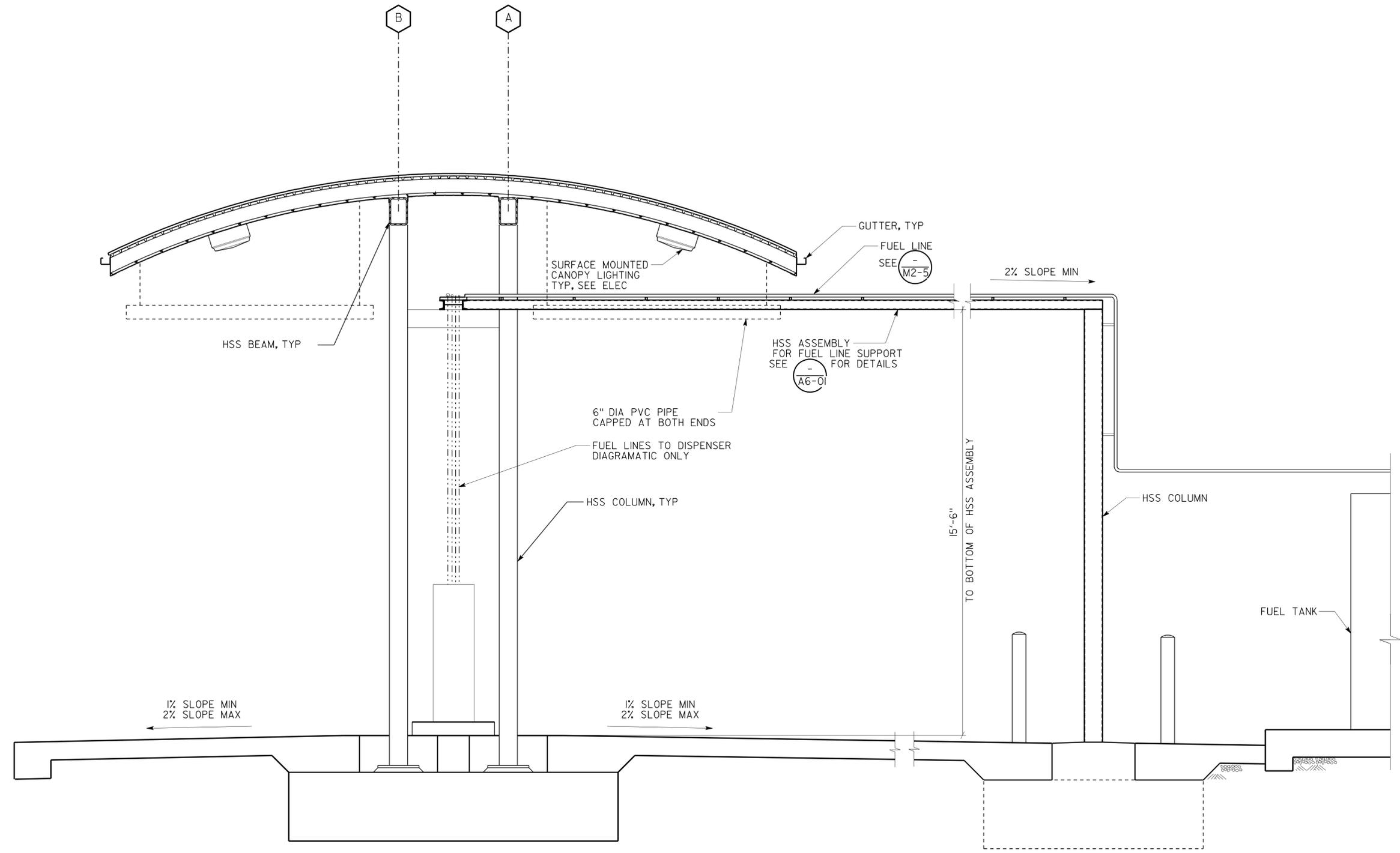
Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE

3-7-11
 PLANS APPROVAL DATE

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ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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CROSS SECTION

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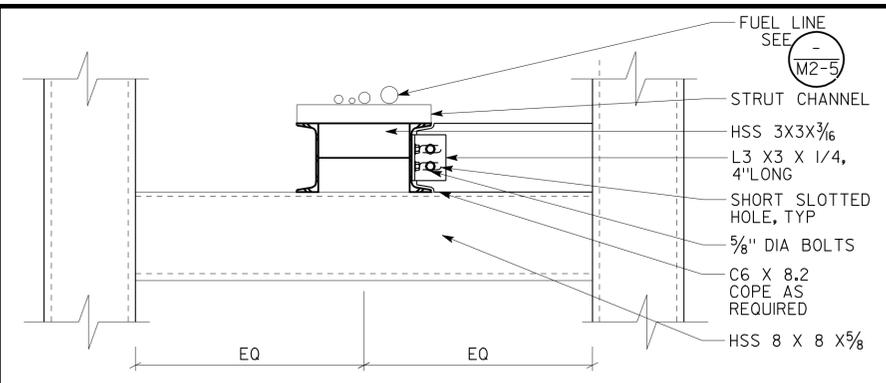
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	DETAILS BY ROBERT QUIBIN CHECKED <i>Donald E. Alsey</i>			POST MILE VARIOUS		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 0702 04000009271		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY) 11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10

14-MAR-2011 06:38

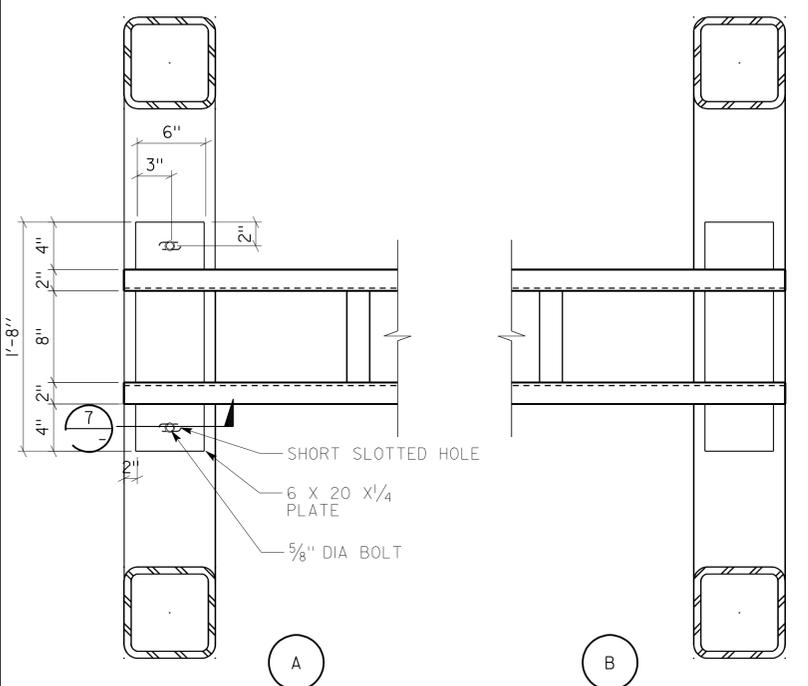
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04	Ala, CC, SM	Var	Var	87	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

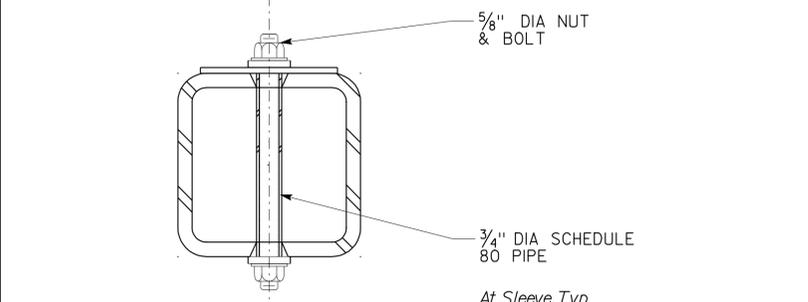
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 PLANS APPROVAL DATE
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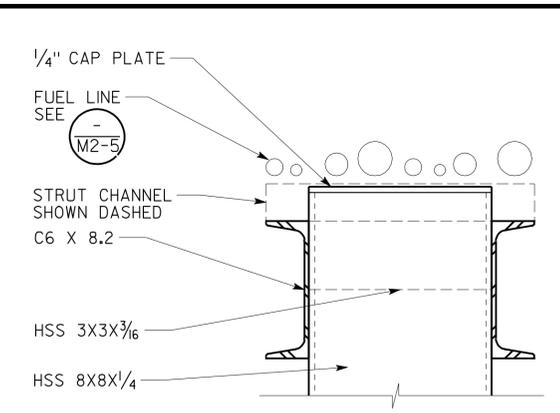
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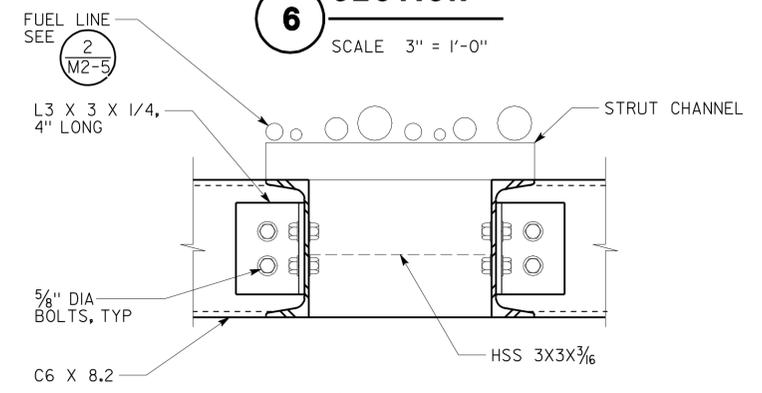
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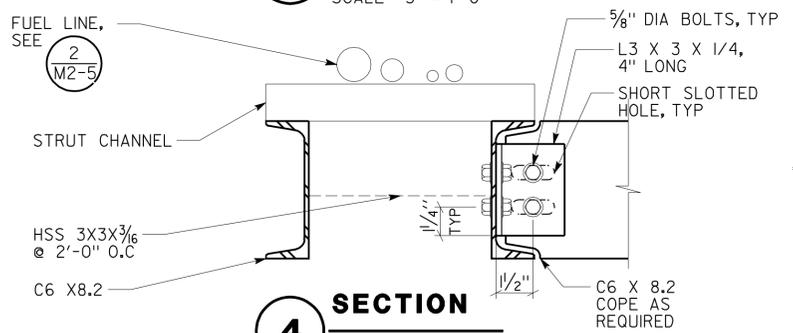
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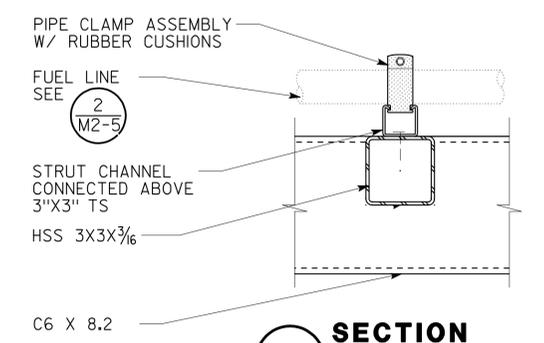
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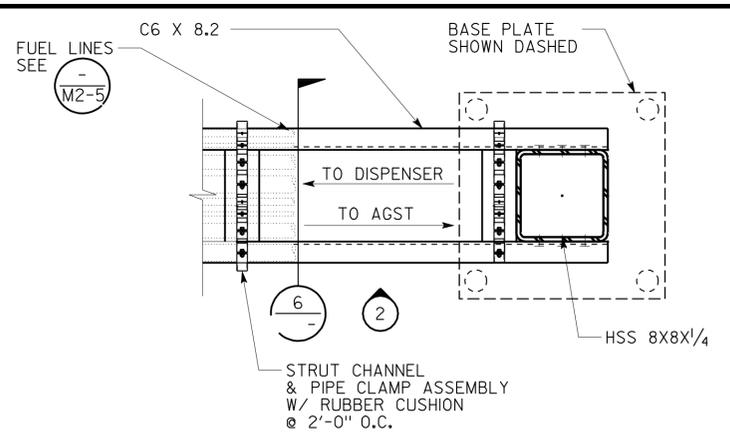
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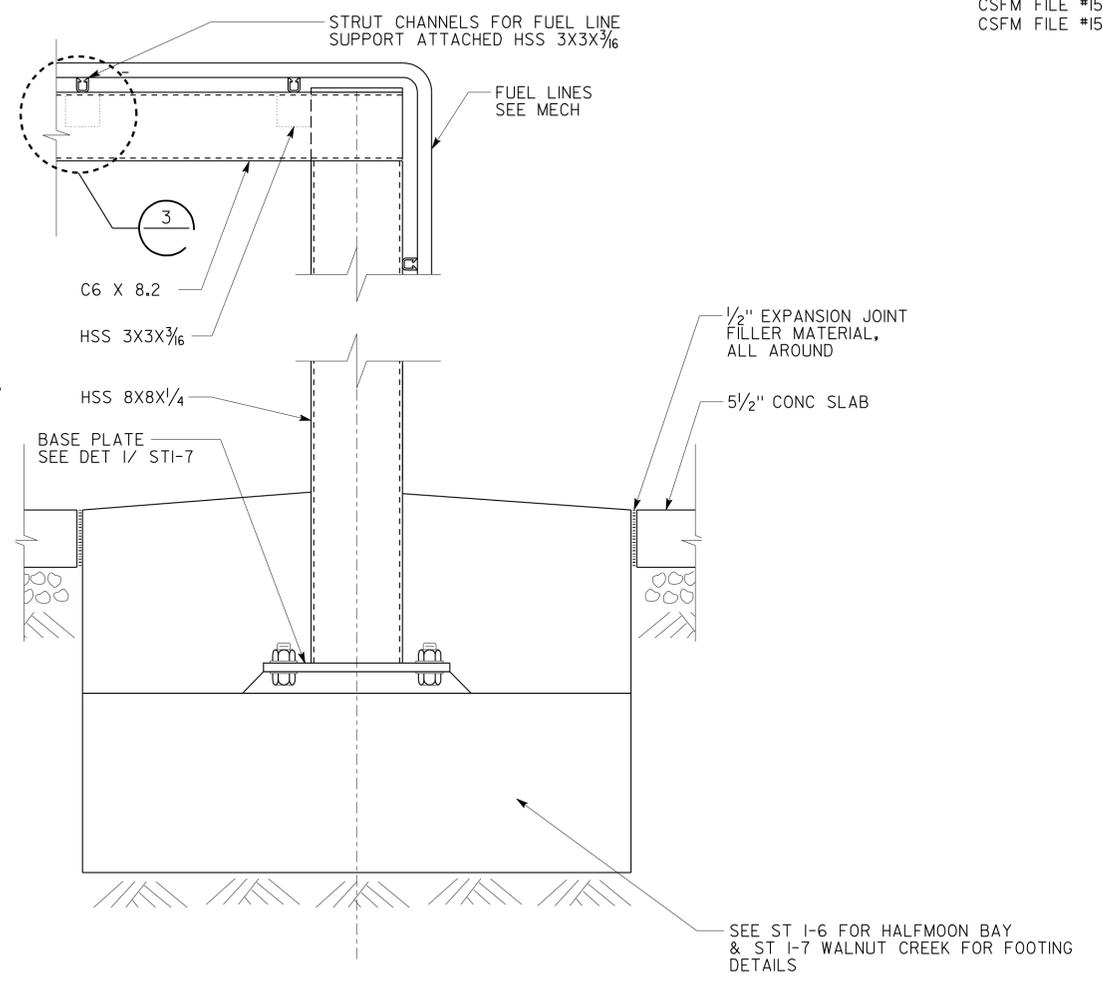
4 SECTION
SCALE 3" = 1'-0"



3 SECTION
SCALE 3" = 1'-0"



1 PLAN
SCALE 1/2" = 1'-0"



2 ELEVATION
SCALE 1/2" = 1'-0"

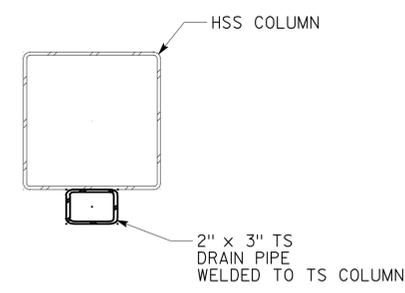
ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA	CALIFORNIA STATE FIRE MARSHAL APPROVED
PROJECT ID 0400000927	Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.
Reviewed by: <i>[Signature]</i> Date: 07-29-10	Reviewed by: JASON D. DEWITT Approval date: 07-13-10
	CSFM FILE #15-41-11.0056 CSFM FILE #15-01-11.0089

A6_01.dgn DS OSD Imperial Rev. 10/07 14-MAR-2011 06:42	DESIGN BY ANTHONY MANANSALA DETAILS BY ROBERT QUIBIN QUANTITIES BY	CHECKED <i>Donald E. Alsey</i> CHECKED <i>Donald E. Alsey</i> CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. VARIOUS POST MILE VARIOUS	DIST 4 VARIOUS FUEL CANOPIES AGT & FUEL ISLAND	DETAILS	SHEET A6-01
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE	DISREGARD PRINTS BEARING EARLIER REVISION DATES	0 1 2 3	0702 04000009271	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF	X X	

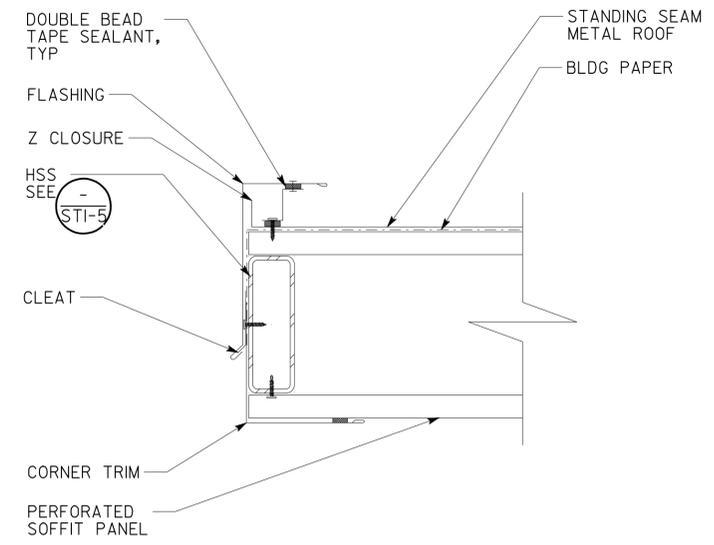
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	88	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

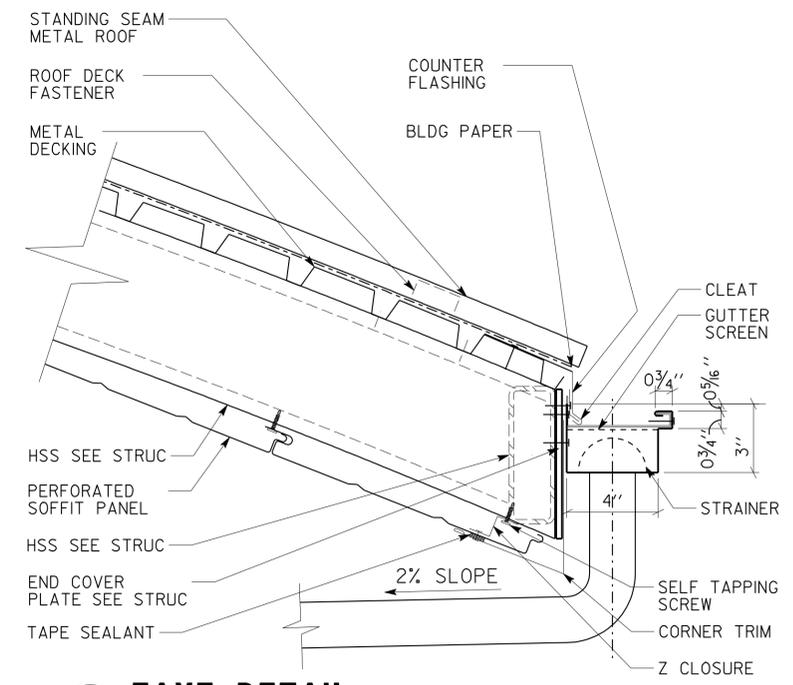
3-7-11
 PLANS APPROVAL DATE
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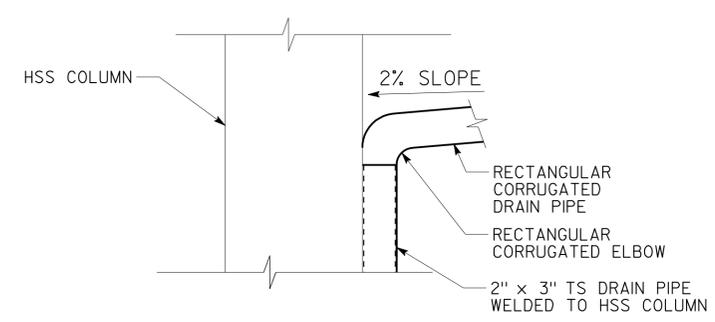
5 DRAIN PIPE - PLAN VIEW
SCALE 3" = 1'-0"



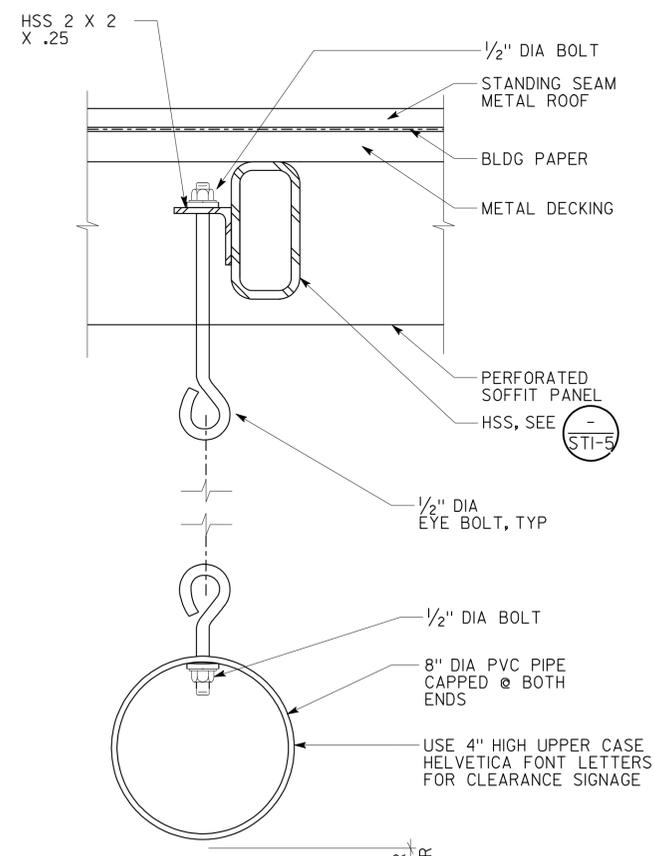
3 RAKE DETAIL
SCALE 3" = 1'-0"



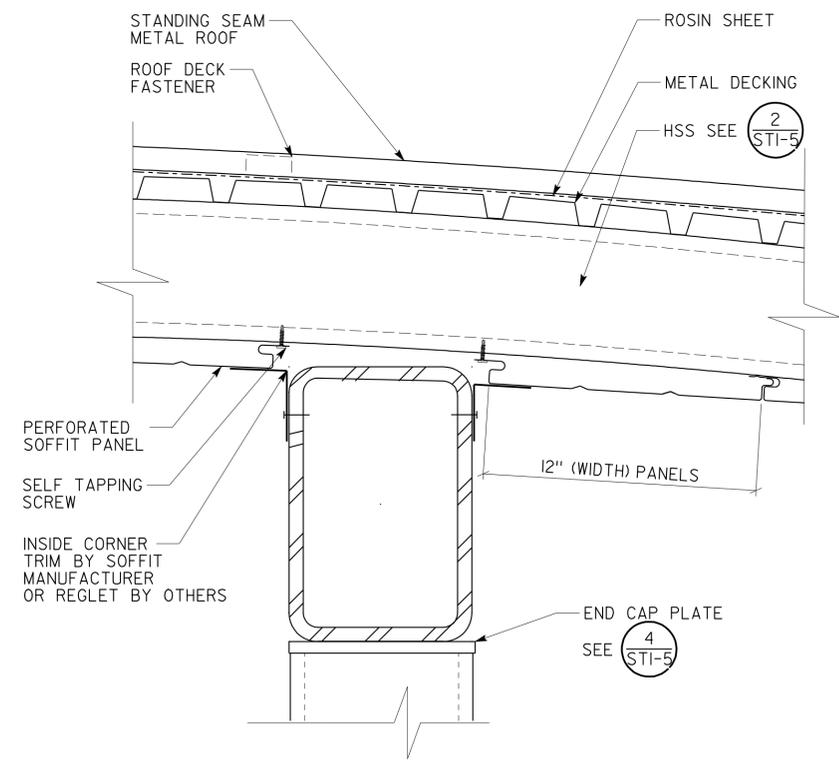
1 EAVE DETAIL
SCALE 3" = 1'-0"



6 DRAIN PIPE - TOP
SCALE 3" = 1'-0"



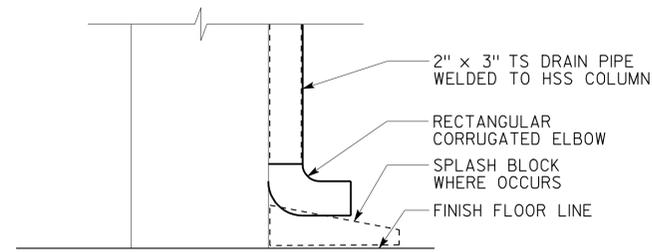
4 DETAIL
SCALE 3" = 1'-0"



2 DETAIL
SCALE 3" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP
 DOT / DES / OTA
 PROJECT ID
0400000927
 Reviewed by: [Signature]
 Date: 07-29-10

CALIFORNIA STATE FIRE MARSHAL APPROVED
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 Reviewed by: [Signature]
 Approval date: 07-13-10
 CSFM FILE #15-41-11.0056
 CSFM FILE #15-01-11.0089



7 DRAIN PIPE - BOTTOM
SCALE 3" = 1'-0"

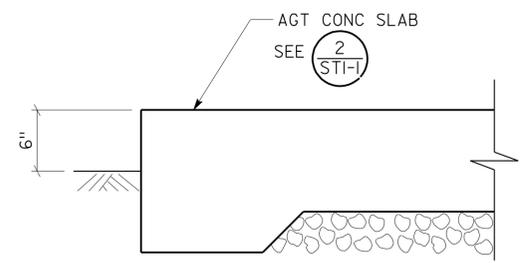
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	DETAILS BY ROBERT QUIBIN	CHECKED <i>Donald E. Alsey</i>		PROJECT NUMBER & PHASE 0702 04000009271	POST MILE VARIOUS		AGT & FUEL ISLAND
	QUANTITIES BY	CHECKED	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF
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11-MAR-2011 14:20

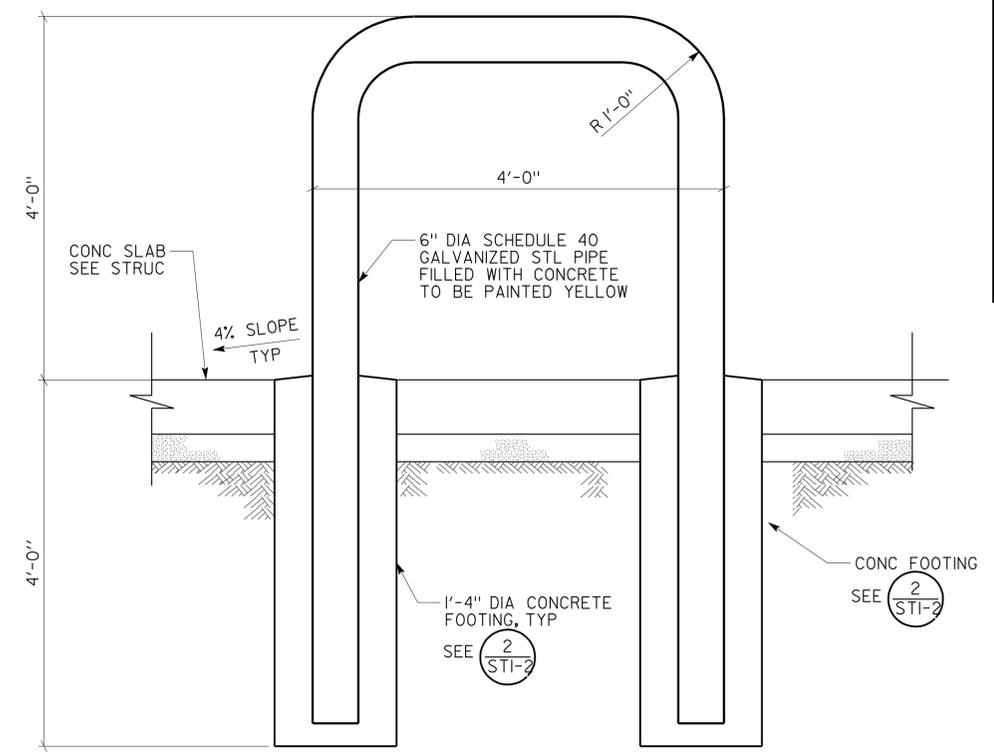
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Contra Costa, San Mateo	Var	Var	89	160

Donald E. Alsey 4/15/2010
 LICENSED ARCHITECT DATE
 No. 26676
 Exp. 7/31/11
 STATE OF CALIFORNIA

3-7-11
 PLANS APPROVAL DATE
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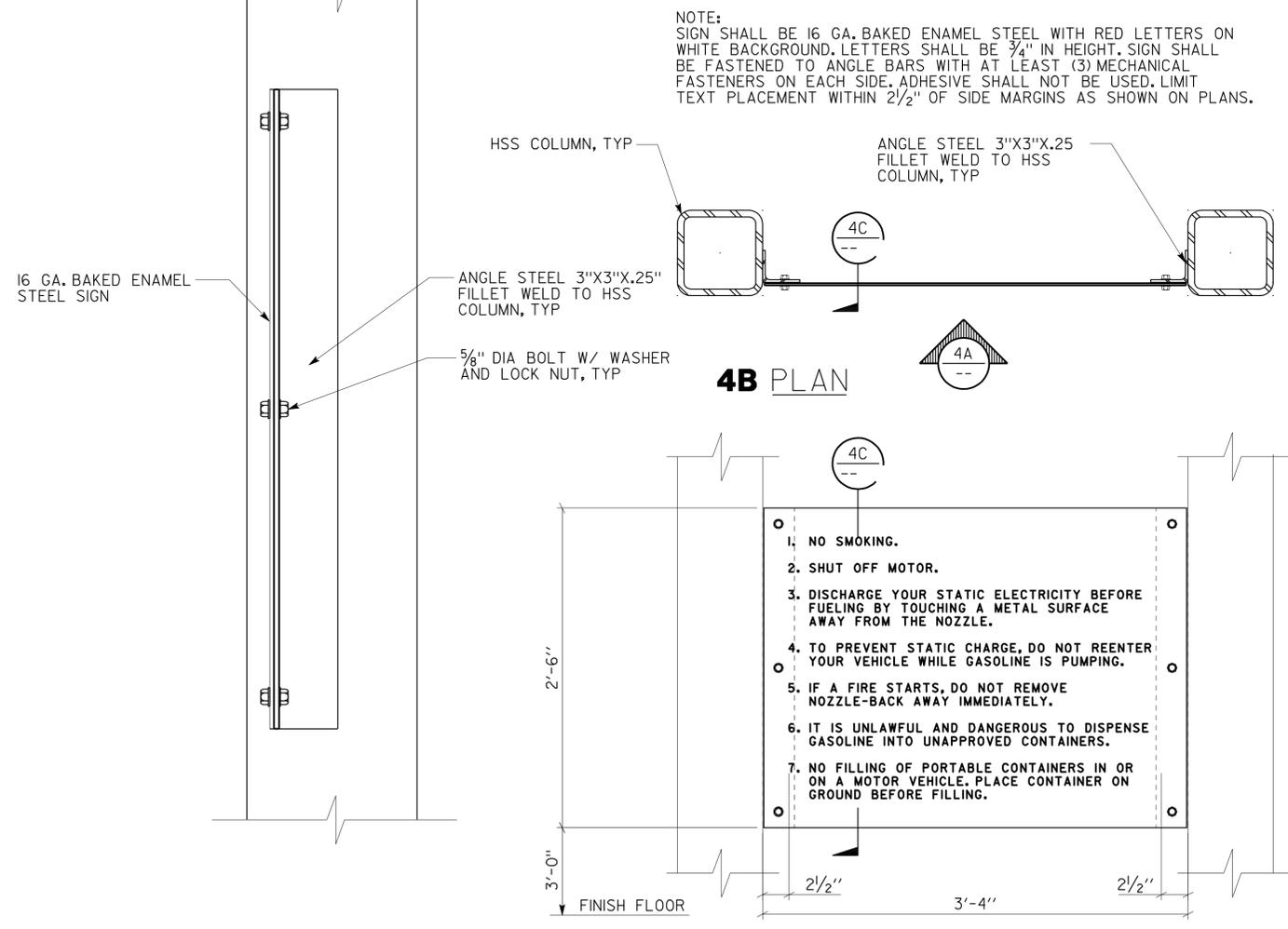


3 AGT SLAB DETAIL
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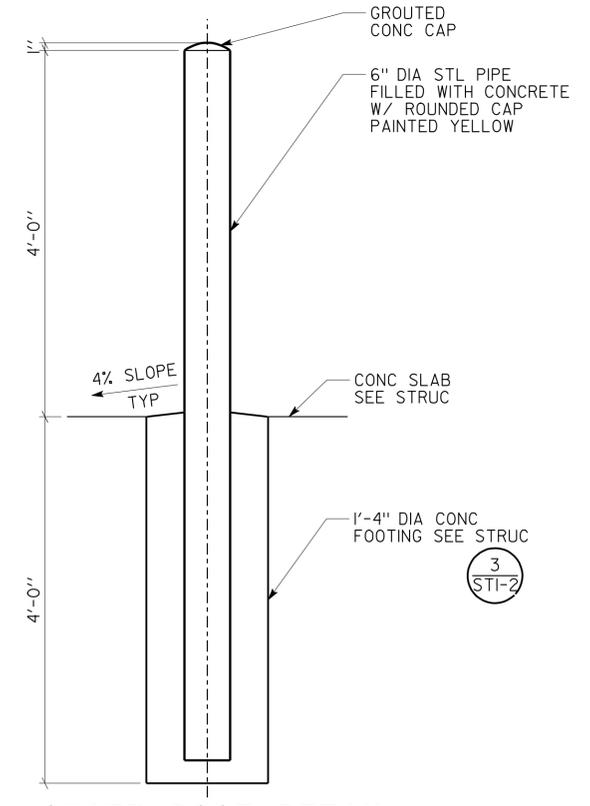
1 GUARD POST DETAIL
SCALE 1" = 1'-0"

ACCESSIBILITY DESIGN APPROVAL STAMP DOT / DES / OTA PROJECT ID 0400000927 Reviewed by: <i>[Signature]</i> Date: 07-29-10	CALIFORNIA STATE FIRE MARSHAL APPROVED Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times. Reviewed by: <i>[Signature]</i> Approval date: 07-13-10 CSFM FILE #15-41-II.0056 CSFM FILE #15-01-II.0089
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4C SECTION
SCALE 3" = 1'-0"

4 WARNING SIGNS
SCALE 1/2" = 1'-0"



2 GUARD POST DETAIL
SCALE 1" = 1'-0"

A6_03.dgn DS OSD Imperial Rev. 10/07 14-MAR-2011 06:45	DESIGN BY ANTHONY MANANSALA DETAILS BY ROBERT QUIBIN QUANTITIES BY	CHECKED <i>Donald E. Alsey</i> CHECKED <i>Donald E. Alsey</i> CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. VARIOUS POST MILE VARIOUS	DIST 4 VARIOUS FUEL CANOPIES AGT & FUEL ISLAND DETAILS	SHEET OF A6-03 X X
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT PROJECT NUMBER & PHASE	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF			
0 1 2 3	0702 04000009271	11-21-08 04-17-09 06-12-09 09-11-09 12-10-09 02-11-10 04-15-10		X X			

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Alameda, Santa Maria	Var	Var	90	160

REGISTERED CIVIL ENGINEER
 C. N. Bapat
 No. 46493
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

02-16-10
 DATE

3-7-11
 PLANS APPROVAL DATE

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ABBREVIATIONS

AAD	Adhesive Anchorage Device	HD	Holdown
AB	Anchor Bolt	Hex	Hexagon
AC	Asphalt Concrete	Horiz	Horizontal
Alt	Alternate	HSB	High Strength Bolt
APA	American Plywood Association	HSS	Hollow Structural Section
APC	Alternative Pipe Culvert	Jt	Joint
Bldg	Building	LOL	Layout Line
Blkg	Blocking	LVL	Laminated Veneer Lumber
BN	Boundary Nailing	m	Meter
Btm	Bottom	Max	Maximum
CB	Carriage Bolt	MEA	Mechanical Expansion Anchor
CIDH	Cast In Drilled Hole	Mech	Mechanical
CJ	Control Joint	Mfr	Manufacturer
Clr	Clear	mm	Millimeter
CMU	Concrete Masonry Unit	Min	Minimum
Conc	Concrete	MIW	Malleable Iron Washer
Const	Construction	OC	On Center
Cont	Continuous	OG	Original Grade
CP	Complete Penetration Weld	OH	Opposite Hand
Dbl	Double	Opt	Optional
DF	Douglas Fir	P	Pitch
Dia	Diameter	PDF	Powder Driven Fastener
DIP	Ductile Iron Pipe	Plwd	Plywood
DN	Diameter Nominal	PT	Pressure Treated
do	Ditto	PW	Puddle Weld
(E)	Existing	PWB	Prefabricated Wood I Beam
Ea	Each	RCP	Reinforced Concrete Pipe
EL	Elevation	Reinf	Reinforced, Reinforcing
Elec	Electrical	Req'd	Required
Embed	Embedment	SDSTS	Self Drill, Self Tap Screw
EN	Edge Nail	Sim	Similar
Eq	Equal	SPS	Structural Plywood Sheathing
Exp	Expansion	Sq	Square
FDGM	Free Draining Granular Material	Stagg	Staggered
FG	Finish Grade	Std	Standard
FL	Flow Line	SW	Stud Weld
Fir	Floor	Sym	Symmetrical
FN	Face (Field) Nail	T&G	Tongue-and-Groove
FOC	Face of Concrete	TN	Toe Nail
FOM	Face of Masonry	TS	Tube Steel
FOS	Face of Stud	Typ	Typical
Ftg	Footing	UON	Unless Otherwise Noted
Ga	Gage	Vert	Vertical
Galv	Galvanized		
GLM	Glue Laminated Member		
Gyp Bd	Gypsum Board		

SYMBOLS

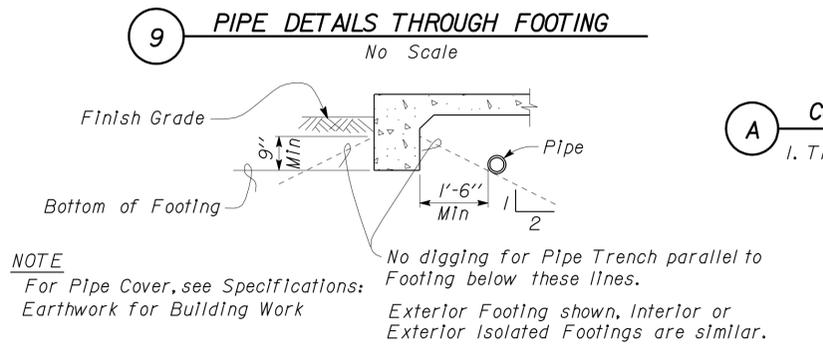
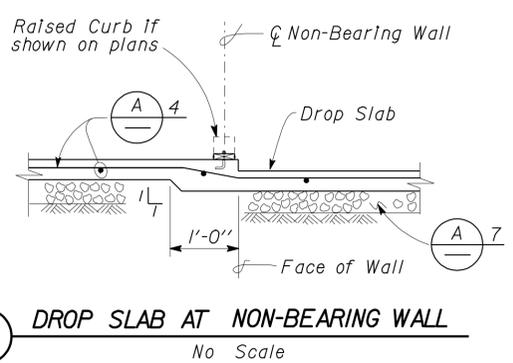
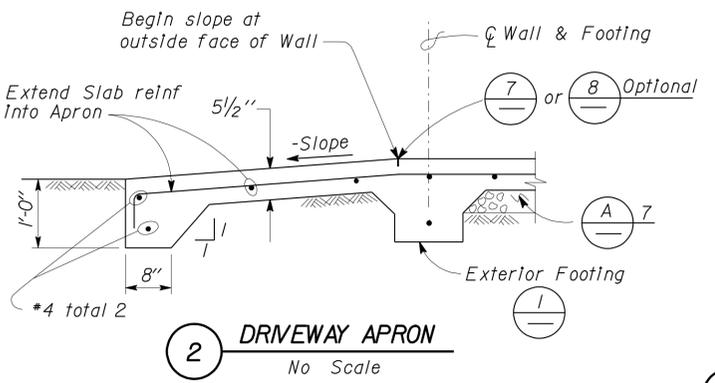
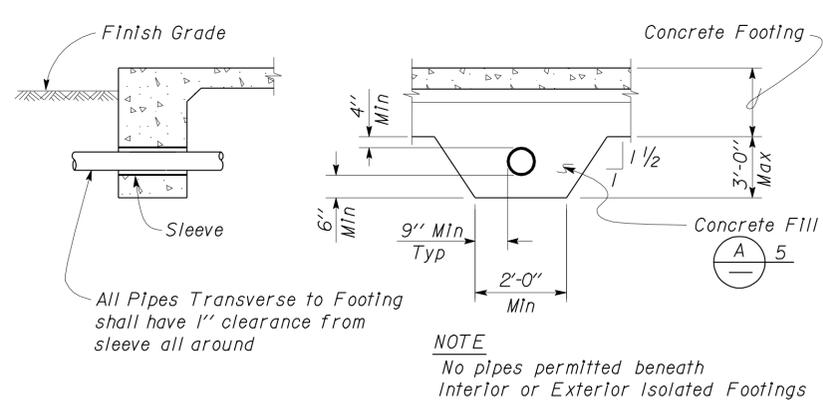
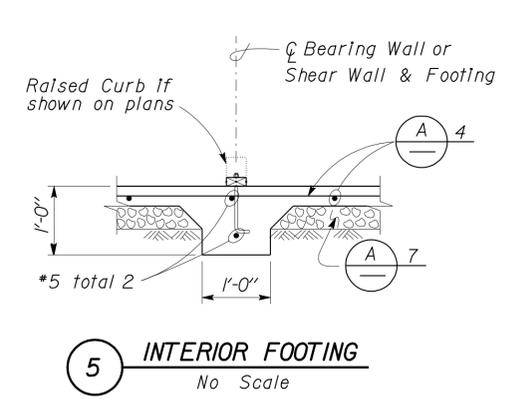
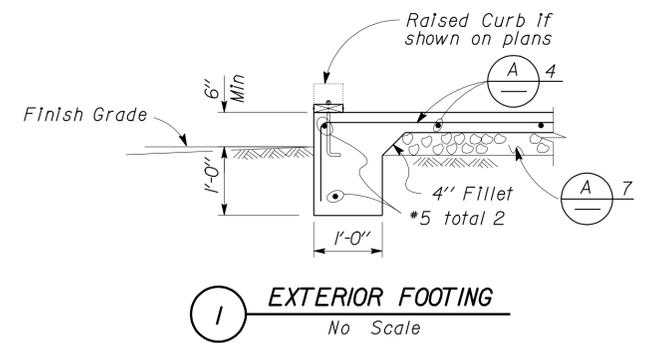
	Blocking in Section or Elevation		CMU Wall on Plan Views
	Continuous Member in Section		Dropped Slab on Plan Views
	End of Member		Reinforced Concrete
	Bearing Wall		Sand
	Shear Wall		Structural Backfill
	Length Shearwall Schedule Symbol Reference		Structural Excavation
	Glue Laminated Member Section		Original Ground
	North Arrow		Limits of Structural Backfill (shown on plan view)
	Partial Section Cut		Free Draining Granular Material
	Full Section Cut		Bottom of Footing
	Revision Callout		Elevation or Working Point
	Grid Line Indicator		Existing Features
	Center Line		Holdown, Typ (Manufacturers are those noted in the order shown.)
	Station Line		Frame Connector (Manufacturers are those noted in the order shown.)
	Steel Plate		Detail Number or Note Number Additional Reference (if required) Sheet Number
	Diameter		
	Square		

NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

FILE NO. XS-25-0 DRAWING DATE 1-04		DESIGN BY <i>Sean Samal</i> CHECKED <i>George E. Rowe</i> SUBMITTED BY <i>Sean Samal</i> DESIGN ENGINEER		APPROVED <i>R.E. Travis</i> DESIGN SUPERVISOR		STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN		BRIDGE NO. Various POST MILE Various		DISTRICT 4 VARIOUS FUEL CANOPIES				SHEET ST-1 OF	
DOES SD Imperial Rev. 9/02						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3		UNIT PROJECT NUMBER & PHASE 0702 04000009271		DISREGARD PRINTS BEARING EARLIER REVISION DATES 1-16-04				REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET OF	

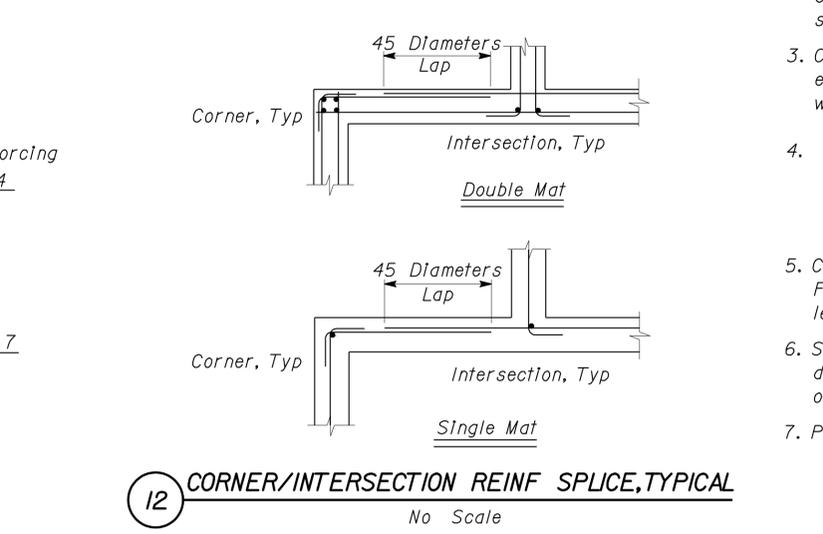
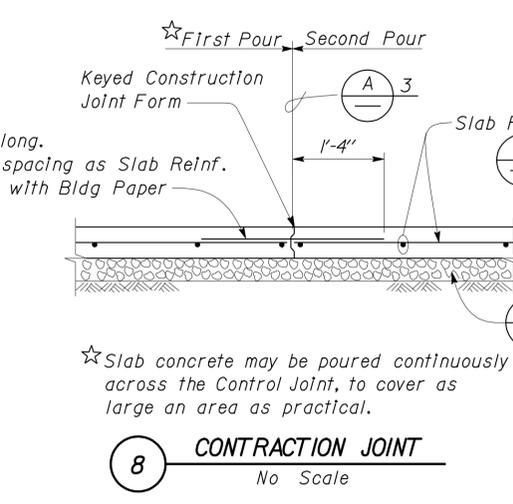
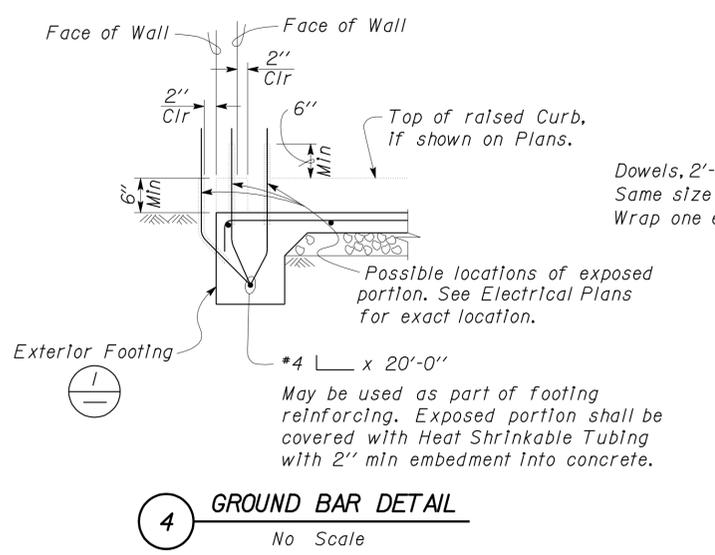
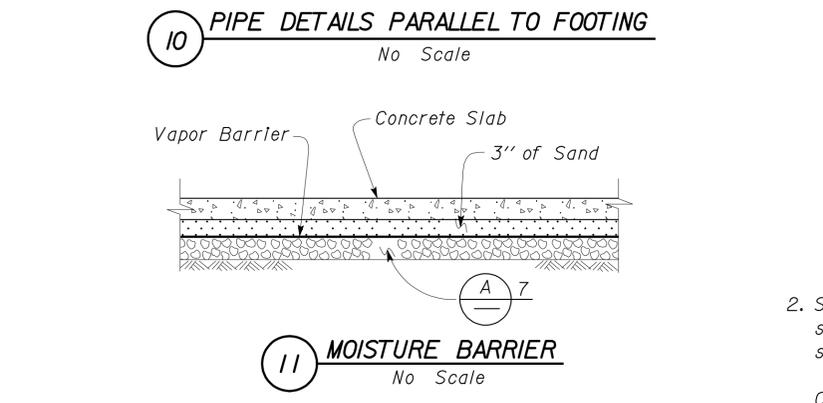
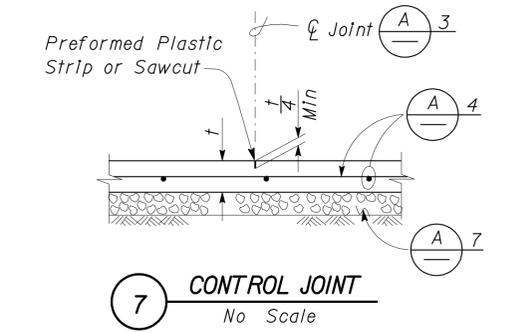
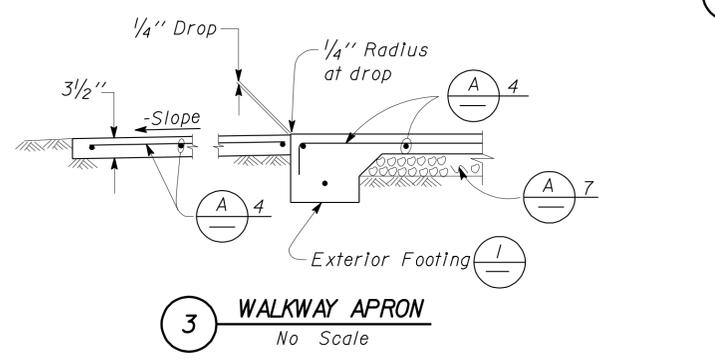
11-MAR-2011 14:21

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	91	160
			REGISTERED CIVIL ENGINEER DATE 02-16-10 3-7-11 PLANS APPROVAL DATE The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.		



- A CONCRETE NOTES:**
- The following minimum concrete cover shall be provided for reinforcement.

	Minimum Cover
a. Concrete cast against and permanently exposed to earth	3"
b. Concrete exposed to earth or weather but cast in forms:	
*6 thru *18 bars	2"
*5 bar and smaller, W31 or D31 Wire, and smaller	1 1/2"
c. Concrete not exposed to weather or in contact with ground:	
Slabs, Walls and Joists:	
*14 and *18 Bar	1 1/2"
*11 Bar and smaller	3/4"
Beams and Columns:	
Primary Reinforcement, Ties, Stirrups and Spirals	1 1/2"



NOTE: SPECIFIC DETAILS OR NOTES ON OTHER SHEETS SHALL PREVAIL OVER STANDARD DETAILS AND NOTES ON THIS SHEET

FILE NO. XS-25-1	DESIGN BY Sean Samuel	CHECKED Steve Colton	APPROVED R.E. Travis	STATE OF CALIFORNIA	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. Various	DISTRICT 4 VARIOUS FUEL CANOPIES	SHEET ST-2
DRAWING DATE 1-04	DETAILS BY Peter F. von Saunoy	CHECKED [Signature]	DESIGN SUPERVISOR	DEPARTMENT OF TRANSPORTATION	ARCHITECTURAL AND STRUCTURAL DESIGN	POST MILE Various	CONCRETE STANDARD	
DOES SD Imperial Rev. 9/02	SCALE: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.			ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET OF

PROJECT DESIGN CRITERIA

The building work on this project has been designed to conform to the 2007 California Building Code (2006 IBC).

DETAIL NOTES

LOADS

SEISMIC: Occupancy Category = I.0
 Importance Factor I = 1.0
 Site Soil Class = D
 $S_S = 1.5$ $S_{DS} = 0.6$
 $S_I = 0.65$ $S_{DI} = 1.0$
 Seismic Design Category = D
 Seismic Force-Resisting System:

North - South
 Ordinary Steel Moment Frames
 $R = 3.5$ $C_S = 0.29$

East - West
 Ordinary Steel Moment Frames
 $R = 2.5$ $C_S = 0.29$

WIND: Basic Wind Speed = 90 mph I = 1.0
 $\lambda = 1.5$ $P_{S30} = \pm 20$ psf
 $K_{zt} = 1.0$

LIVE : Roof = 20 psf

- For Concrete see: "Concrete Standard"
- All bolts shall be hex head machine bolts, with hex head nuts; unless otherwise noted.

MATERIALS

REINFORCED CONCRETE: (Ultimate Strength Design) :
 $f'_c = 3250$ psi
 $f_y = 60,000$ psi

STRUCTURAL STEEL: (Allowable Strength Design) :
 Wide Flange $F_y = 50$ ksi
 Channels, Angles & Misc. Shapes $F_y = 50$ ksi
 Plates $F_y = 50$ ksi
 Hollow Structural Section (HSS) $F_y = 46$ ksi

FOUNDATION:
 Soils report dated : July 7, 2010

- Ravenswood Pumping Plant.
 Allowable Soil Pressure (DL+LL) = 2000 PSF
- San Mateo-Hayward Maintenance Station.
 Pile Foundation Needed.
- Half Moon Bay Maintenance Station.
 Structural Backfill Needed.
- Walnut Creek Maintenance Station.
 Allowable Soil Pressure (DL+LL) = 2000 PSF

For Soil Classification, see Log of Test Boring Sheets.

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	92	160



3-7-11
 PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

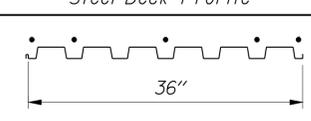
A STEEL DECKING NOTES

STEEL DECK MINIMUM SECTION PROPERTIES

Deck Type	Depth & Gage	Moment of Inertia	Positive Section Modulus	Negative Section Modulus	Minimum Yield Strength
Steel Decking	1 1/2" x 18 Ga	.302 in ⁴ /ft	.321 in ³ /ft	.336 in ³ /ft	33 Ksi

NOTE:
 Minimum 3 Span Condition

WELDING SCHEDULE and STEEL DECK PROFILE

Steel Deck Profile	1/2" Diameter Puddle Weld			Diaphragm Shear Capacity
	Perpendicular Supports and Panel Ends	Parallel Supports	Side Laps	
	4 x - Puddle Welds Per Support	12" OC	12" OC	340 lb/ft

DESIGN BY Chandra Bapat CHECKED BY Thomas Tong DETAILS BY Andrew A. Lovato CHECKED BY Chandra Bapat QUANTITIES BY _____ CHECKED BY _____	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	DESIGN CRITERIA AND DETAIL NOTES	SHEET
			Various		ST1-0
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3		UNIT PROJECT NUMBER & PHASE: 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES		
DOES SD Imperial Rev. 9/02		EA 3A0901		s+f1_00.dgn	

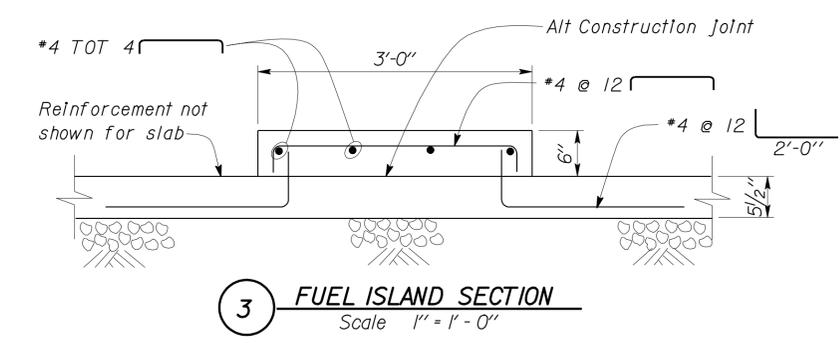
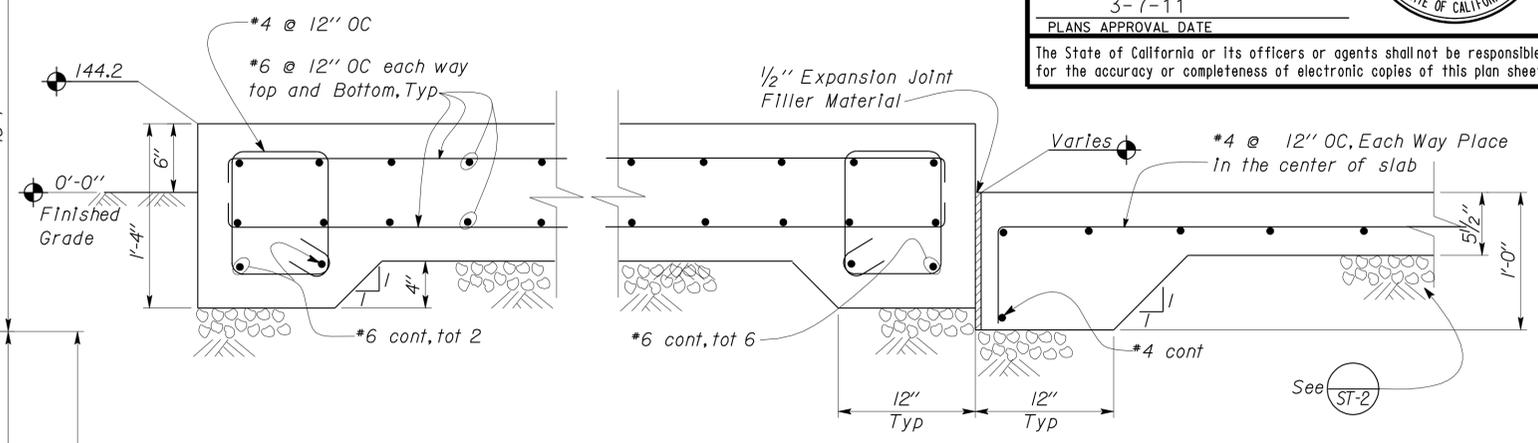
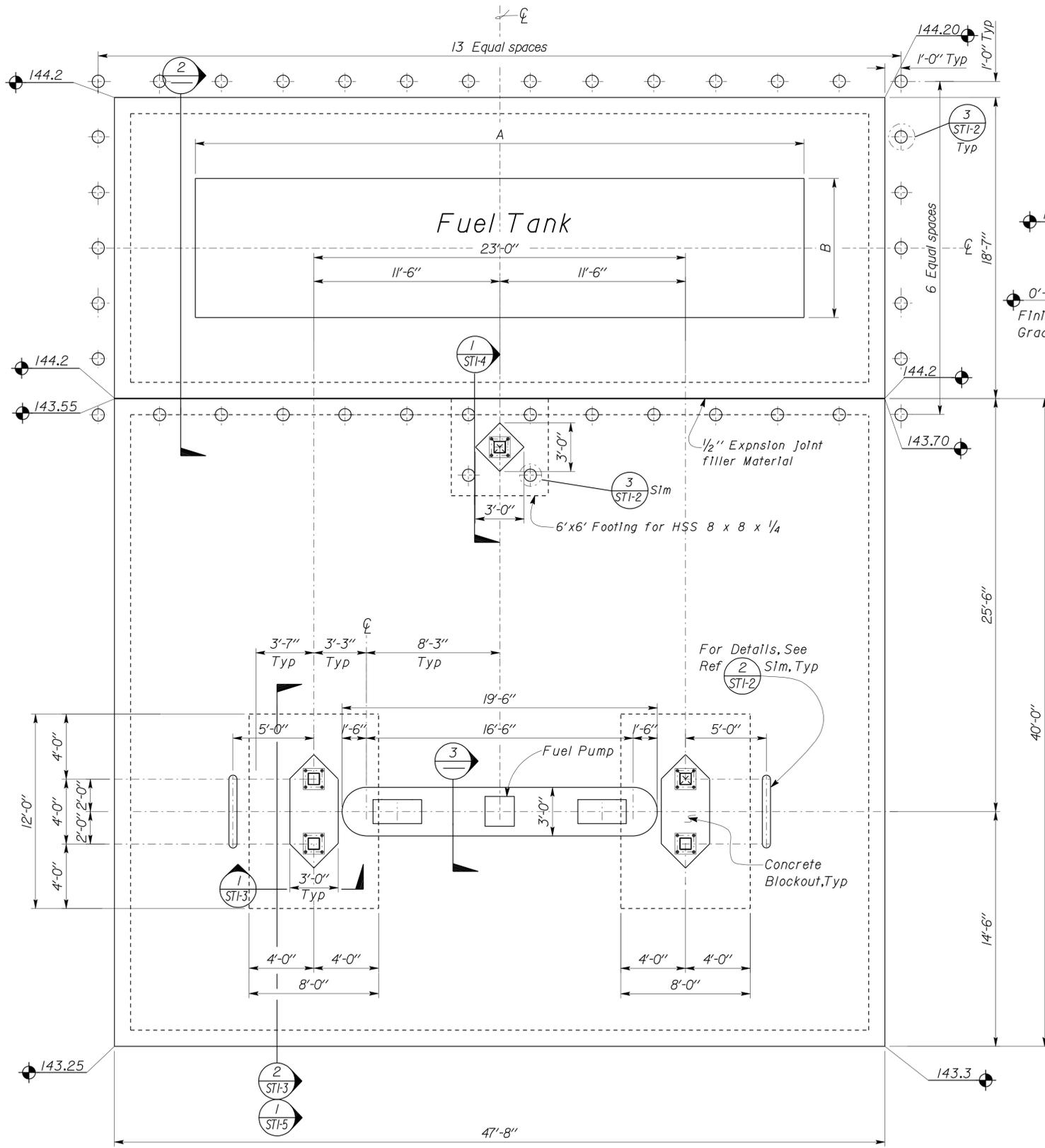
11-MAR-2011 08:19

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	93	160

Bapat
 REGISTERED CIVIL ENGINEER
 DATE 10-16-10
 3-7-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 C. N. Bapat
 No. 46493
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

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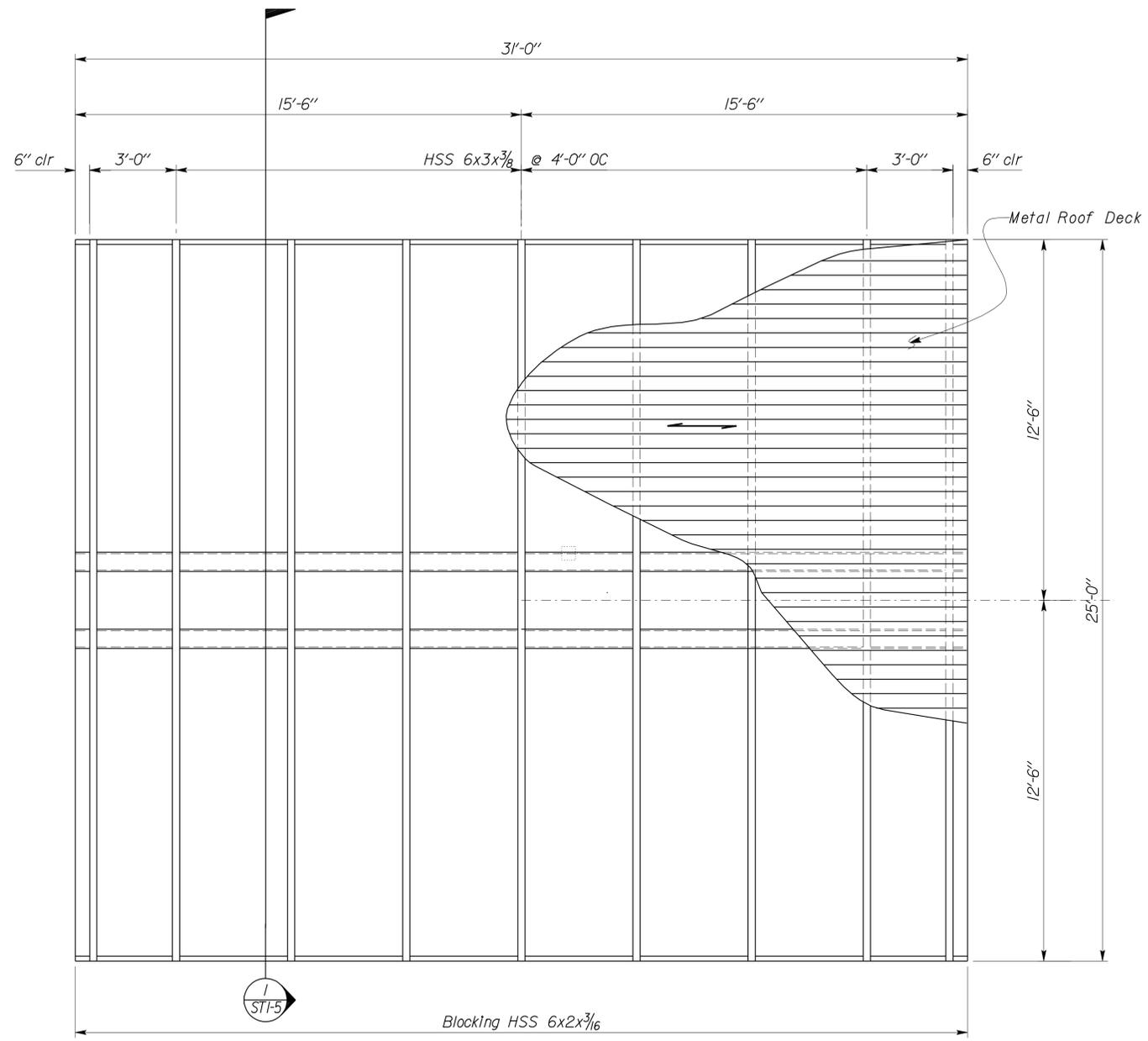
LOCATION OF TANKS	TYPE	CAPACITY (Gallons)		Tank Dimensions x	TOTAL WEIGHT OF TANK KIPS (Including Fuel)
		Gas	Diesel		
Walnut Creek East Maintenance Station	Dual Tank	4,000	8,000	A and B 37'- 8" x 8'- 7"	80 Kips

*These are suggested dimensions and subjected to change upon the selection of AGT Manufacturer

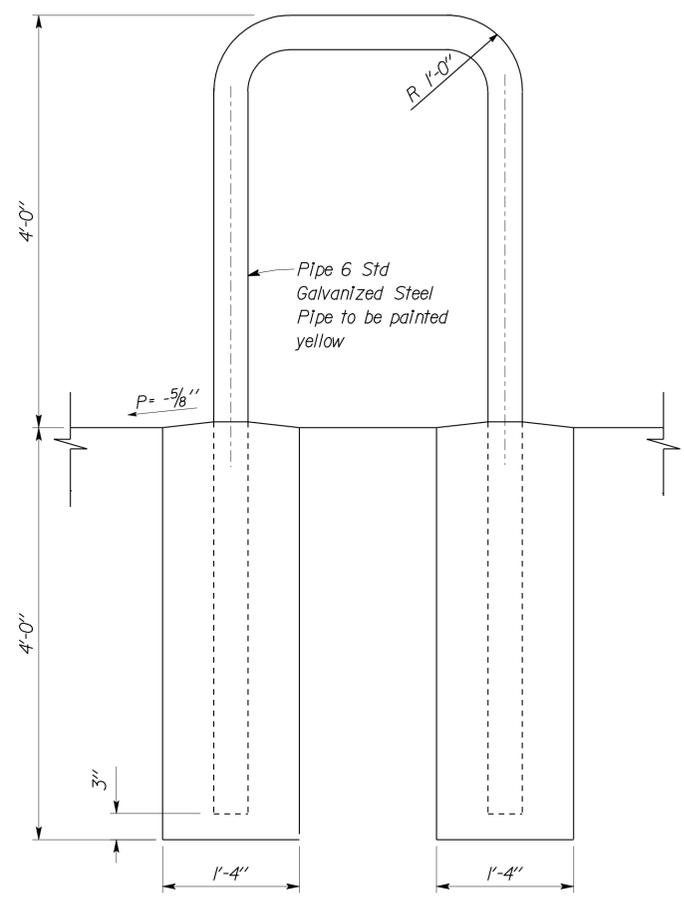
DESIGN ENGINEER 	DESIGN BY Chandra Bapat CHECKED Thomas Tong DETAILS BY Andrew A. Lovato CHECKED Chandra Bapat QUANTITIES BY CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN BRIDGE NO. 28M5738 POST MILE 15.6	WALNUT CREEK WEST MAINTENANCE STATION FOUNDATION PLAN FOR FUEL STORAGE TANKS	SHEET ST1-1
DOES SD Imperial Rev. 9/02		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	UNIT PROJECT NUMBER & PHASE 0702 04000009271	DISREGARD PRINTS BEARING EARLIER REVISION DATES REVISION DATES (PRELIMINARY STAGE ONLY) 11-25-09 11-30-09 12-01-09 12-17-09 02-01-10 02-10-10 04-13-10 07-07-10	SHEET OF

s11_01.dgn

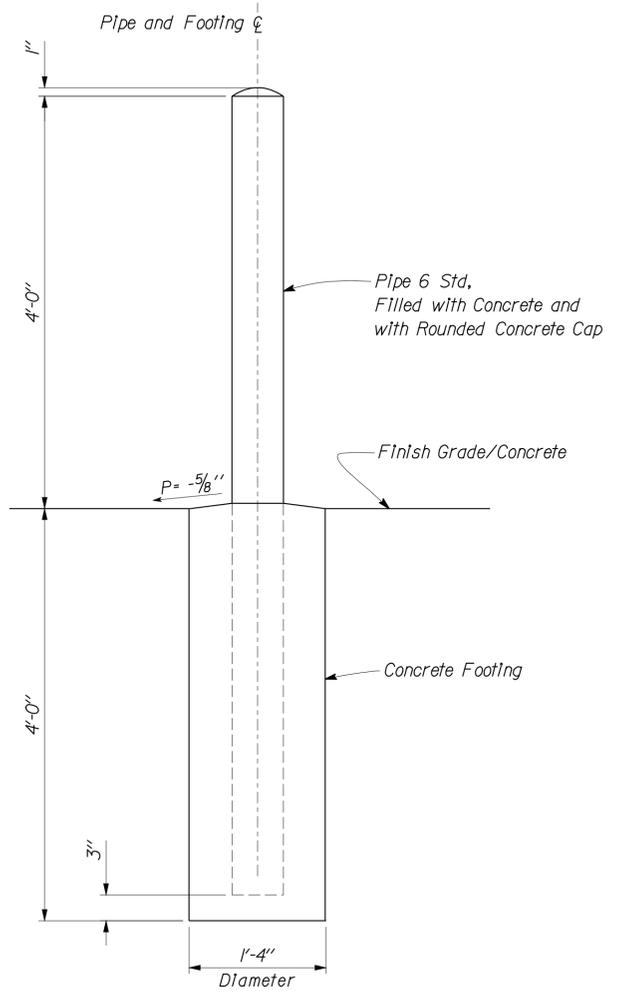
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	94	160
<i>Bapat</i> REGISTERED CIVIL ENGINEER			02-16-10 DATE		
3-7-11 PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



1 ROOF PLAN
 Scale $\frac{3}{8}'' = 1' - 0''$



2 PIPE GUARD POST DETAIL
 Scale $\frac{3}{4}'' = 1' - 0''$

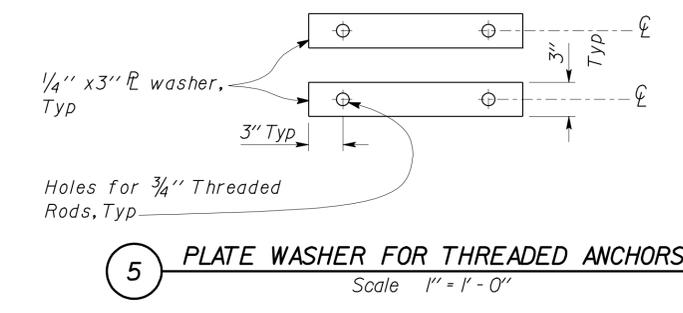
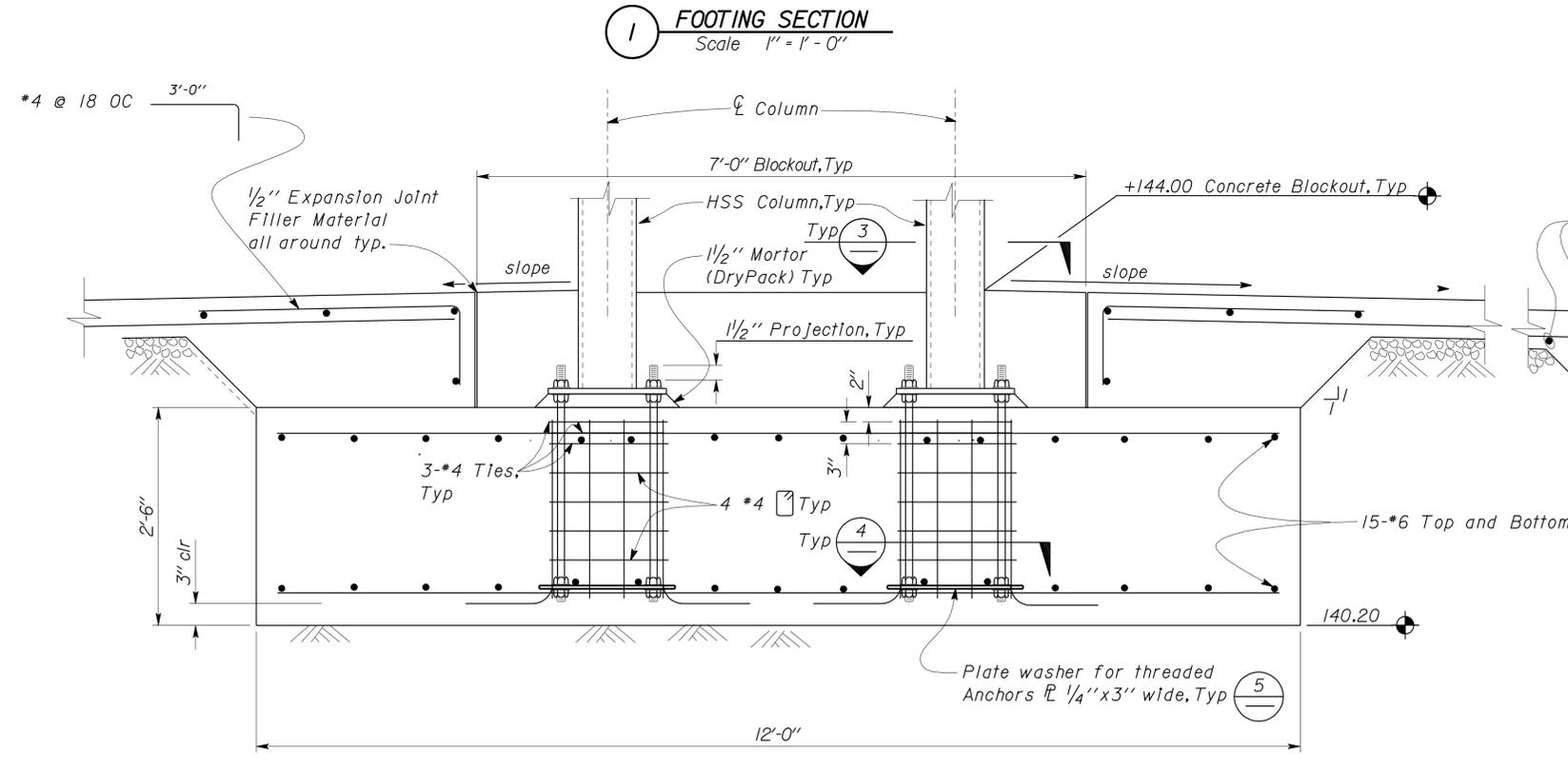
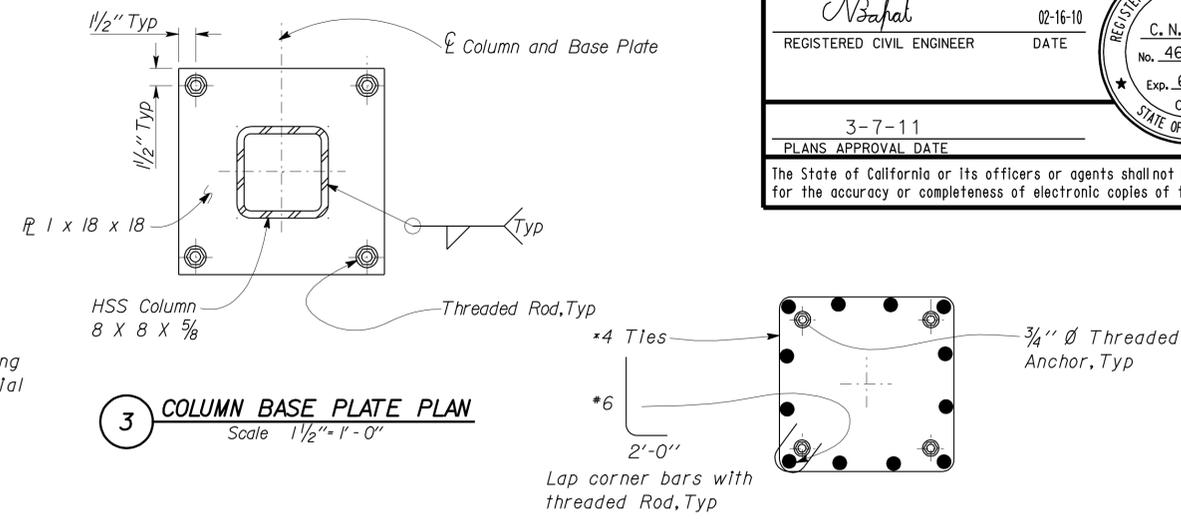
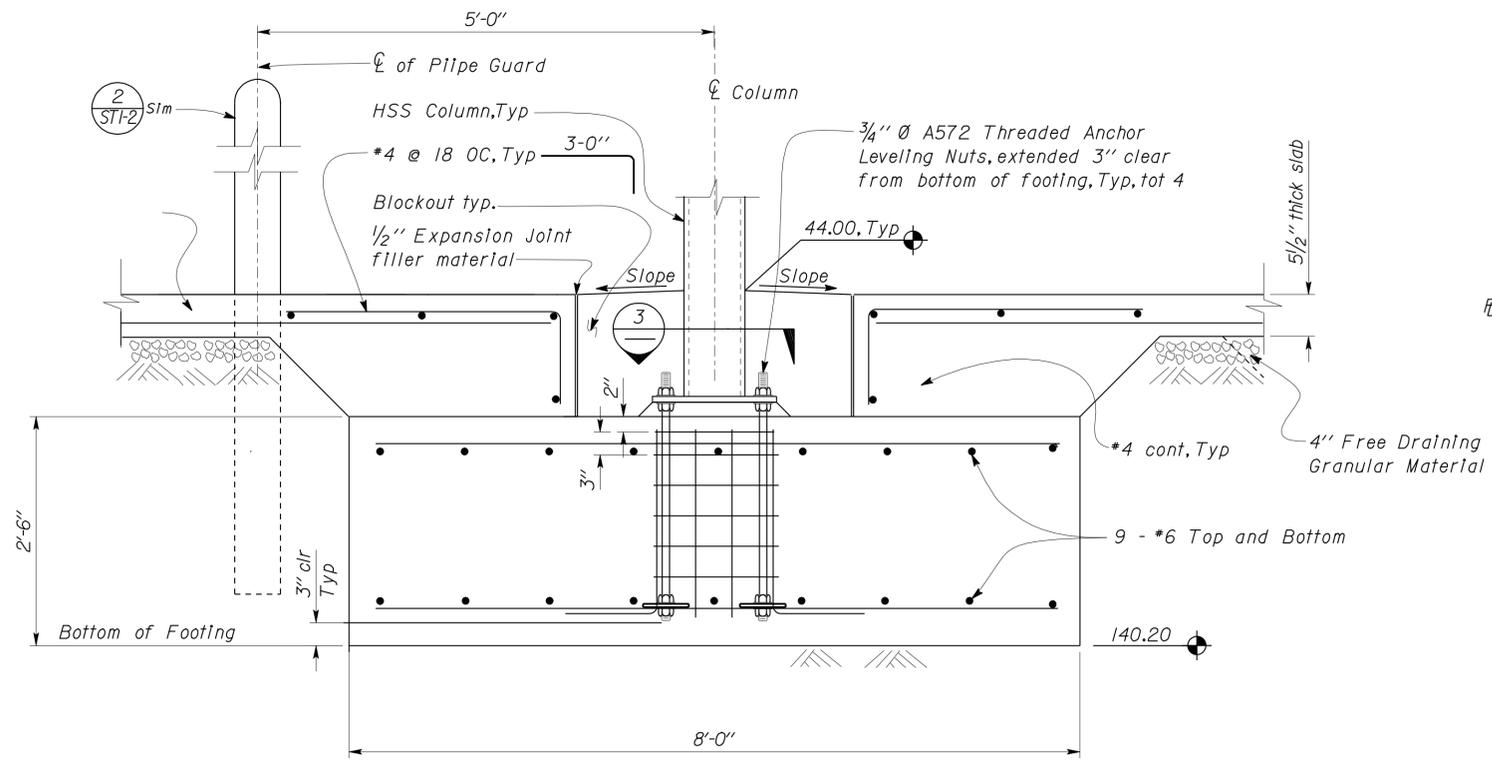


3 PIPE GUARD POST DETAIL
 Scale $\frac{3}{4}'' = 1' - 0''$

DOES SD Imperial Rev. 9/02	DESIGN	BY Chandra Bapat	CHECKED Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	WALNUT CREEK WEST MAINTENANCE STATION	SHEET
	DETAILS	BY Andrew A. Lovato	CHECKED Chandra Bapat			Various		
	QUANTITIES	BY	CHECKED			POST MILE	METAL ROOF DECK AND GUARD POST DETAILS	OF
						Various		
				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET
				0 1 2 3	0702		11-30-09 12-08-09 02-09-10 04-13-10 07-07-10	OF
					PROJECT NUMBER & PHASE			
					EA 3A0901			

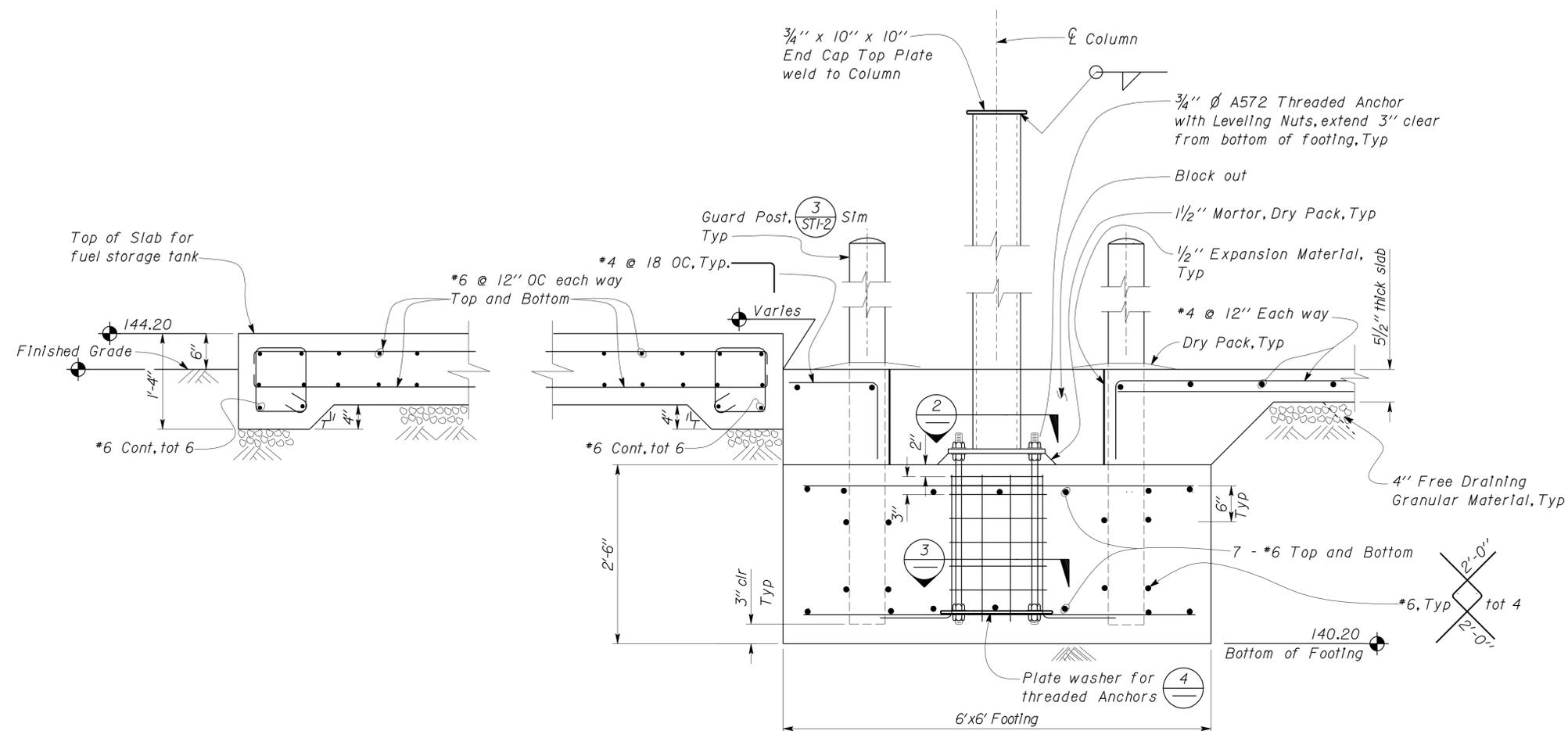
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	95	160
			REGISTERED CIVIL ENGINEER DATE 02-16-10 PLANS APPROVAL DATE 3-7-11		
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					

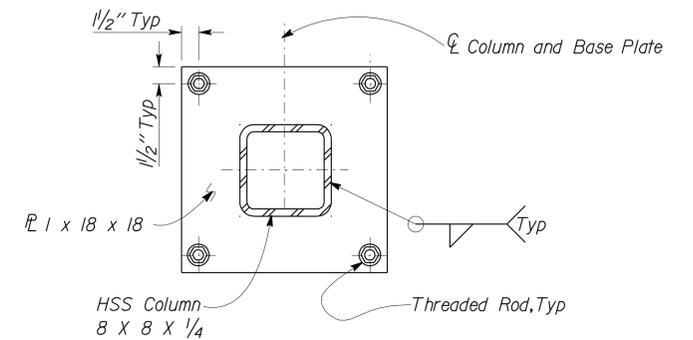


DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	BRIDGE NO.	28M5738	POST MILE	15.6	WALNUT CREEK WEST MAINTENANCE STATION	SHEET	ST1-3
	DETAILS	BY	Andrew A. Lovato	CHECKED							
QUANTITIES	BY		CHECKED		DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN		PROJECT NUMBER & PHASE		REVISION DATES (PRELIMINARY STAGE ONLY)		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS					UNIT		DISREGARD PRINTS BEARING EARLIER REVISION DATES		SHEET OF		
0 1 2 3					0702 04000009271		EA 3A0901		12-09-09 02-08-10 03-29-10 04-13-10 07-07-10		
DOES SD Imperial Rev. 9/02					STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		s11_03.dgn		11-MAR-2011 13:23		

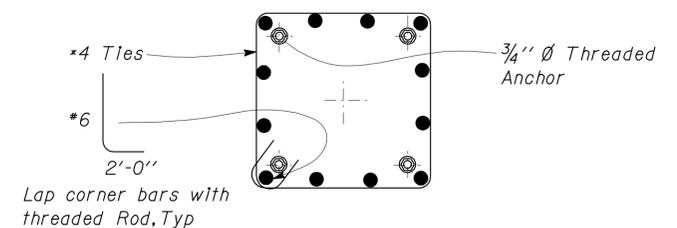
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	96	160
 REGISTERED CIVIL ENGINEER			02-16-10 DATE		
3-7-11 PLANS APPROVAL DATE					
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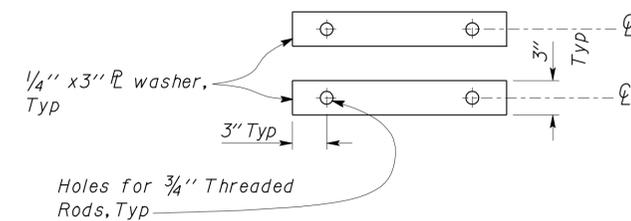
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Elevation 143.70 = Datum 0'-0"



2 COLUMN BASE PLATE PLAN
Scale 1/2" = 1'-0"



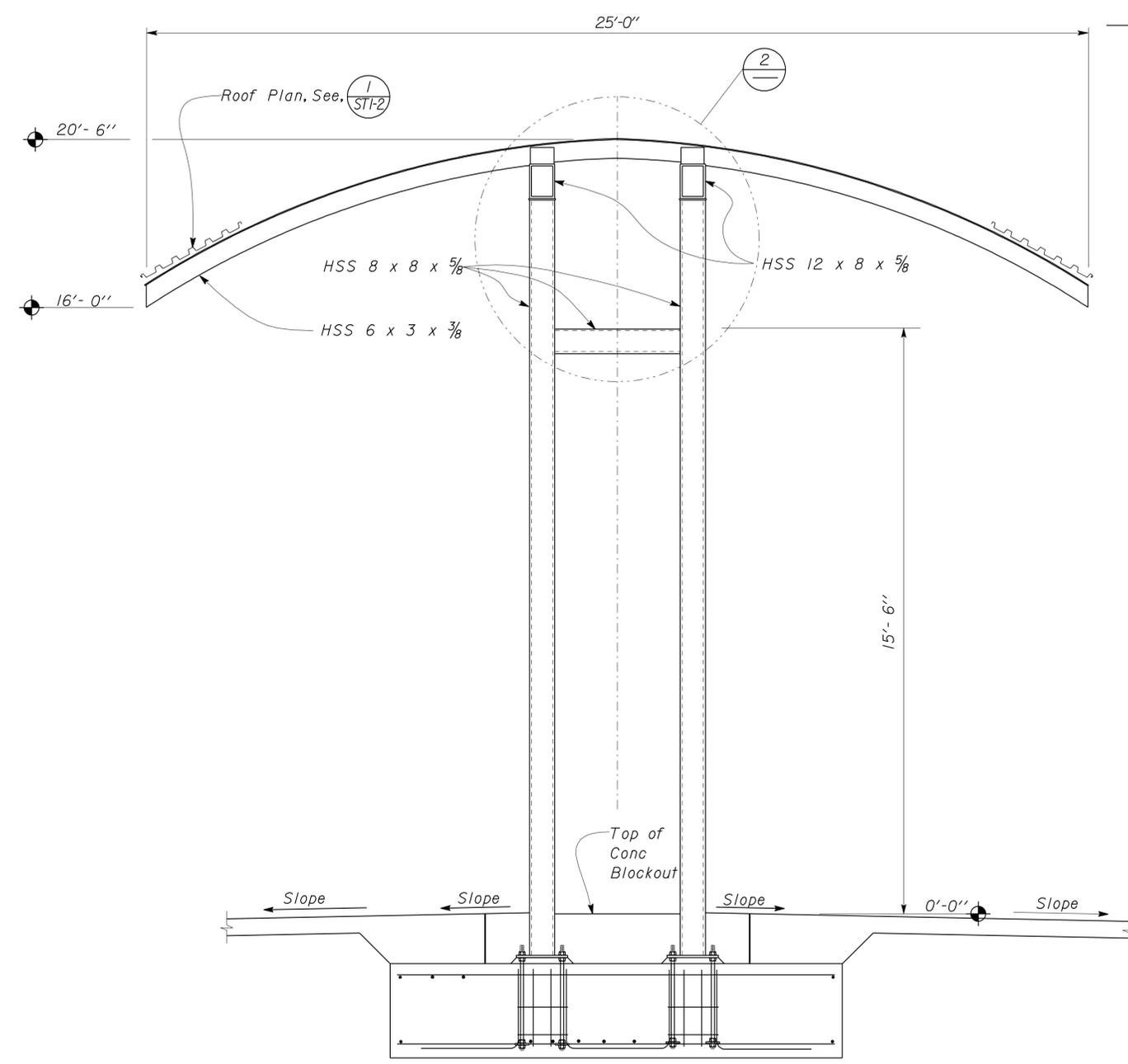
3 REINFORCEMENT DETAILS
Scale 1" = 1'-0"



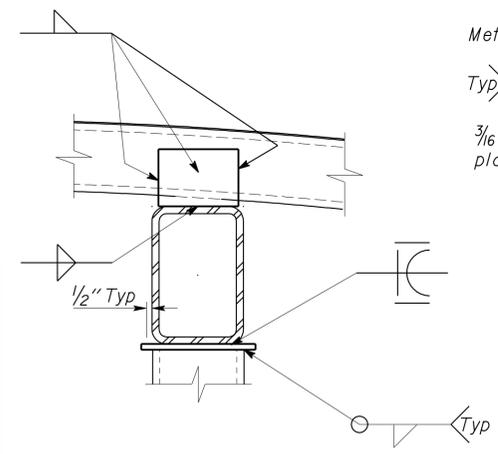
4 PLATE WASHER FOR THREADED ANCHORS
Scale 1" = 1'-0"

DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	28M5738	WALNUT CREEK WEST MAINTENANCE STATION	SECTION DETAILS	SHEET	OF				
	DETAILS	BY	Andrew A. Lovato	CHECKED			Chandra Bapat	POST MILE			15.6	ST1-4				
QUANTITIES	BY		CHECKED		UNIT	0702	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	02-02-10	02-08-10	03-30-10	04-13-10	07-07-10	SHEET	OF	
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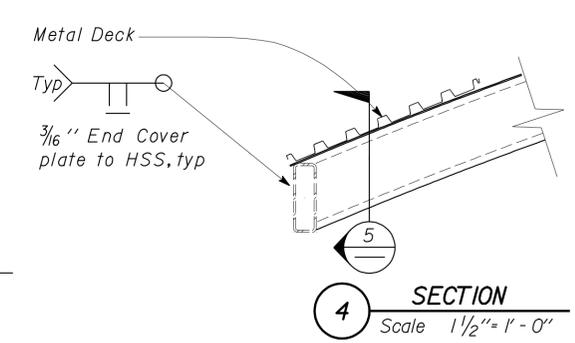
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	97	160
<i>C. N. Bapat</i> REGISTERED CIVIL ENGINEER			02-16-10 DATE	REGISTERED PROFESSIONAL ENGINEER C. N. Bapat No. 46493 Exp. 6-30-11 CIVIL STATE OF CALIFORNIA	
3-7-11 PLANS APPROVAL DATE					
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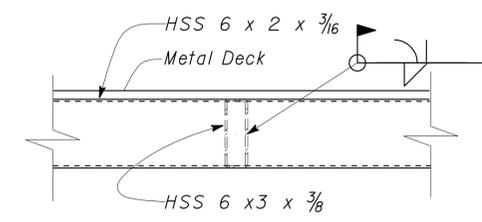
1 SECTION
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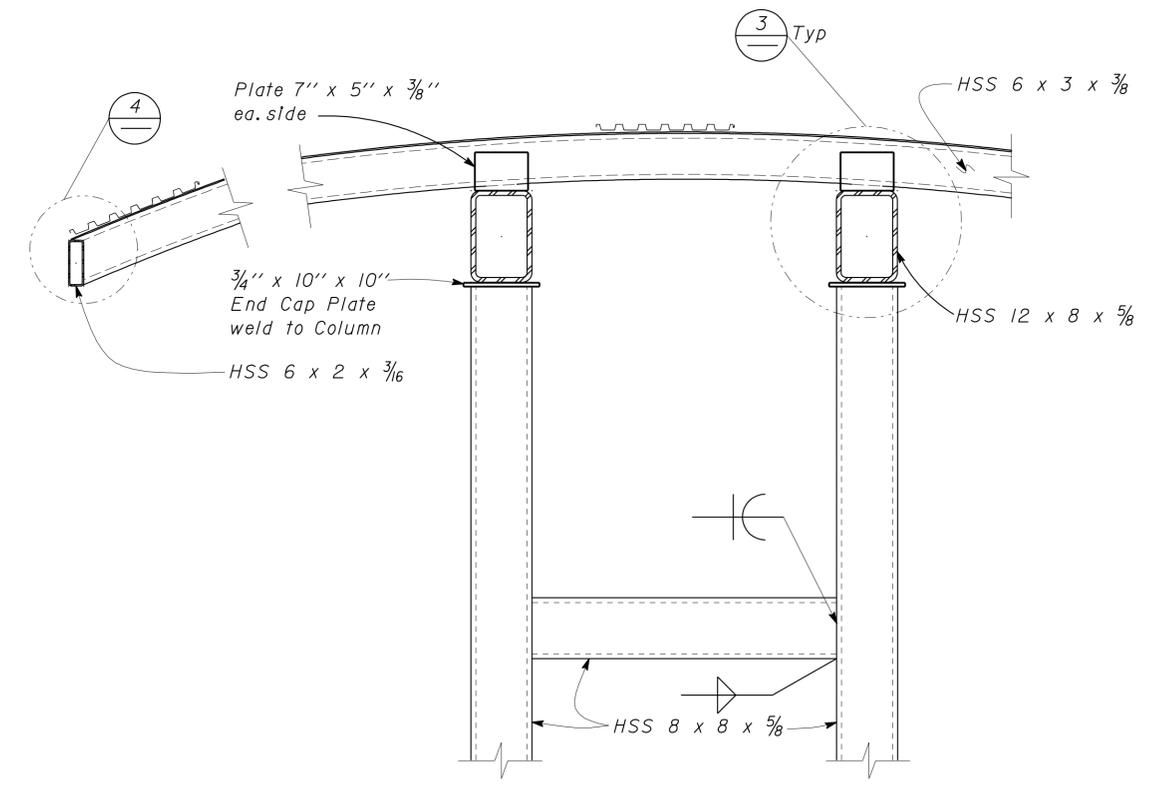
3 SECTION
Scale 1 1/2" = 1'-0"



4 SECTION
Scale 1 1/2" = 1'-0"



5 SECTION
Scale 1 1/2" = 1'-0"



2 SECTION
Scale 1" = 1'-0"

- * NOTES:
1. For Conduit Support, See Architectural Drawings
 2. For Steel Decking Notes, See **A ST1-0**

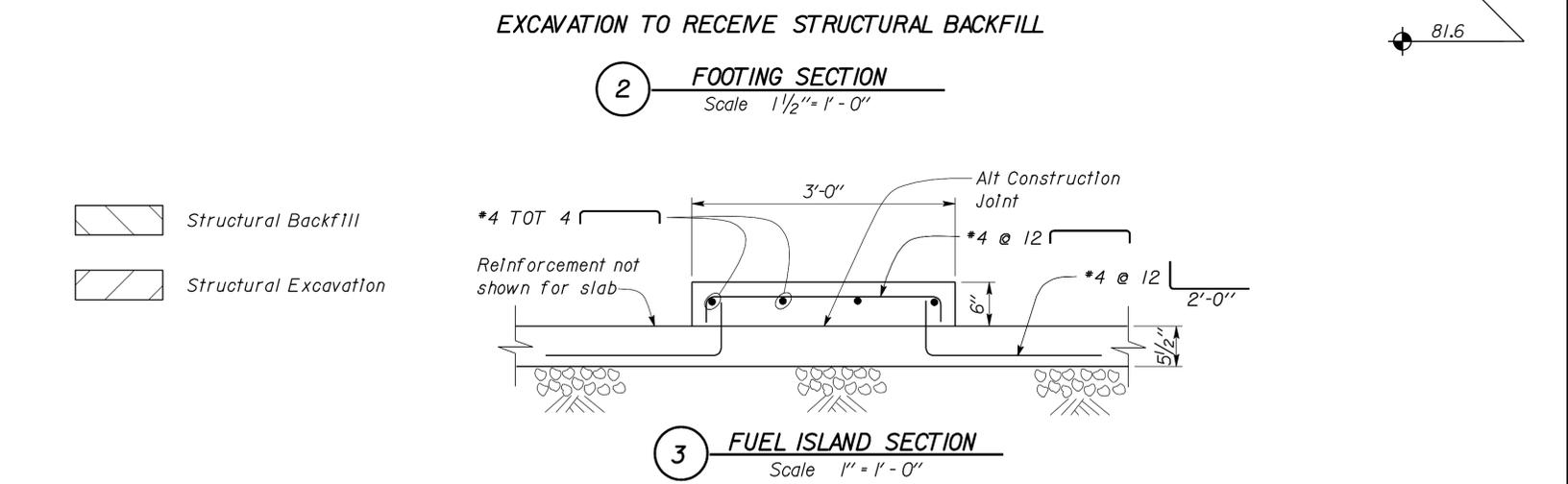
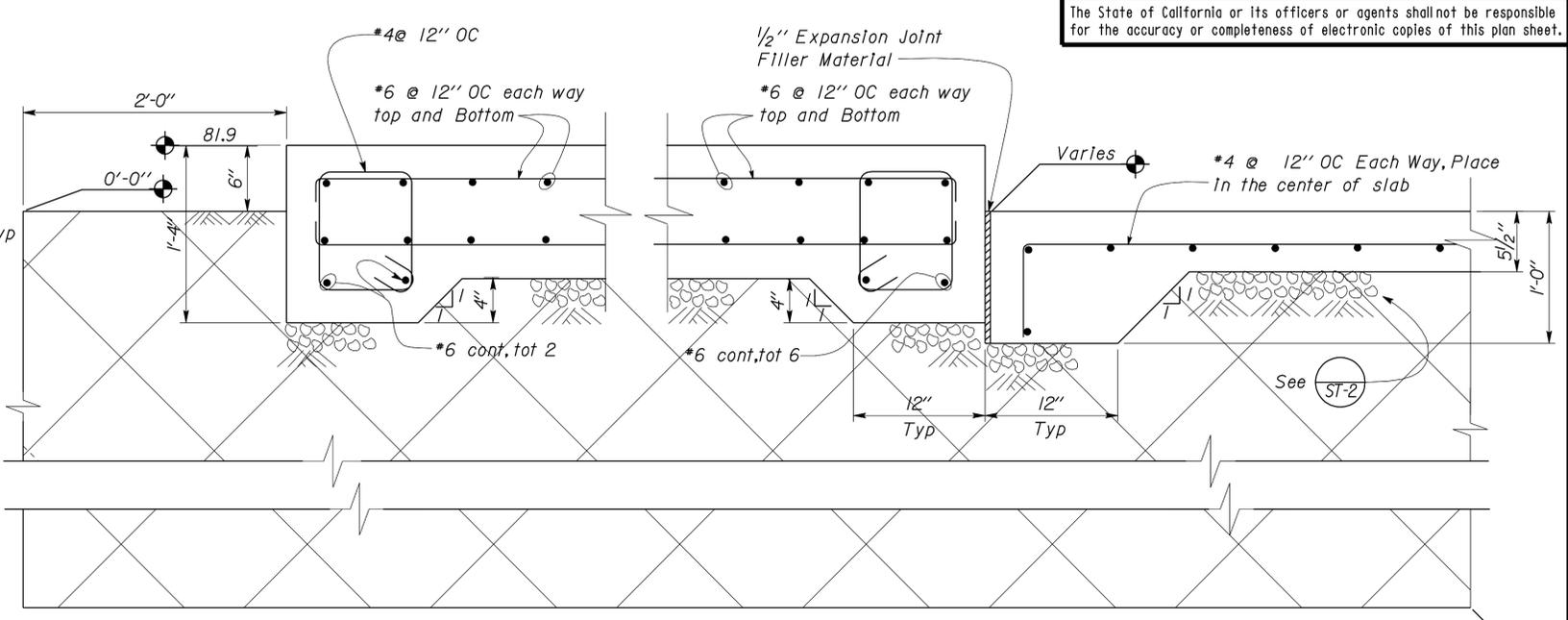
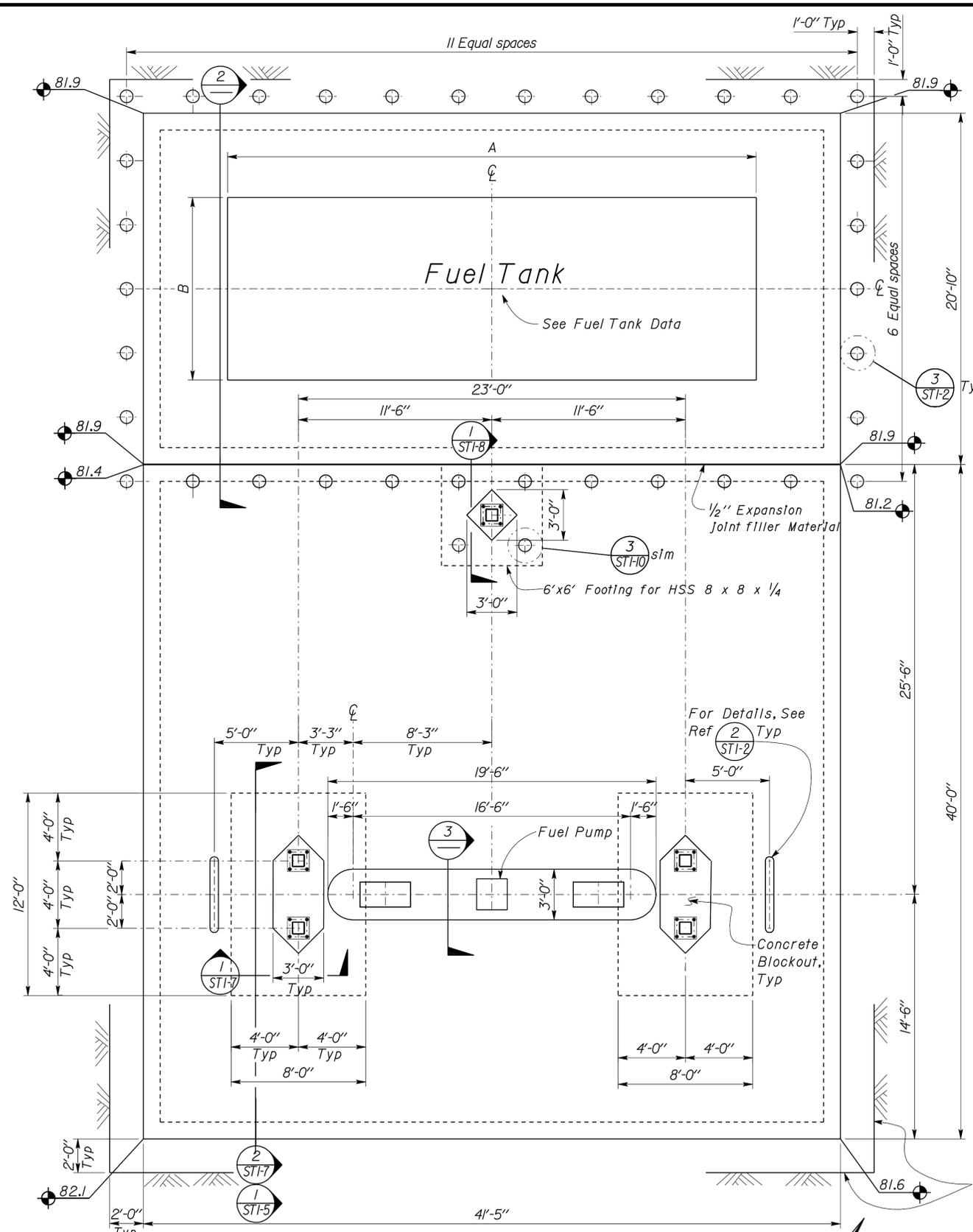
DESIGN BY Chandra Bapat	CHECKED BY Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. Various	WALNUT CREEK WEST MS / HALFMOON BAY MS ROOF DETAILS	SHEET ST1-5	
DETAILS BY Andrew A. Lovato	CHECKED BY Chandra Bapat		PROJECT NUMBER & PHASE 0702 04000009271	POST MILE Various		REVISION DATES (PRELIMINARY STAGE ONLY)	OF
QUANTITIES BY	CHECKED BY		UNIT EA 3A0901	DISREGARD PRINTS BEARING EARLIER REVISION DATES		11-30-09 12-08-09 03-25-10 04-13-10 07-07-10	

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	98	160

REGISTERED PROFESSIONAL ENGINEER
 C. N. Bapat
 No. 46493
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

3-7-11
 PLANS APPROVAL DATE

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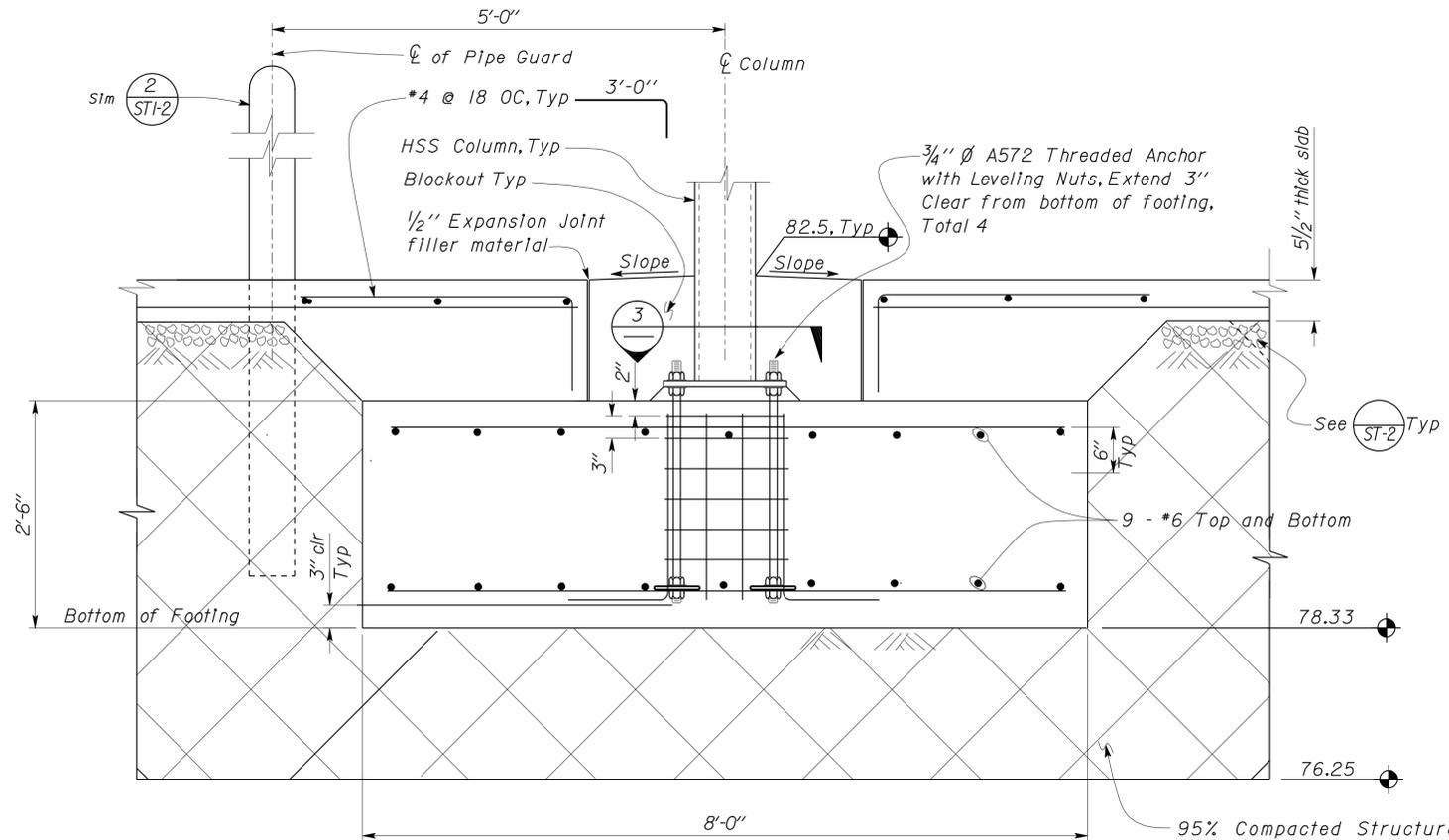
FUEL TANK DATA					
LOCATION OF TANKS	TYPE	CAPACITY (Gallons)		Tank Dimensions*	TOTAL WEIGHT OF TANK KIPS (Including Fuel)
		Gas	Diesel		
Half Moon Bay	Dual Tank	6,000	4,000	A and B 31'-5" x 10'-10"	90 Kips

*These are suggested dimensions and subjected to change upon the selection of AGT Manufacturer

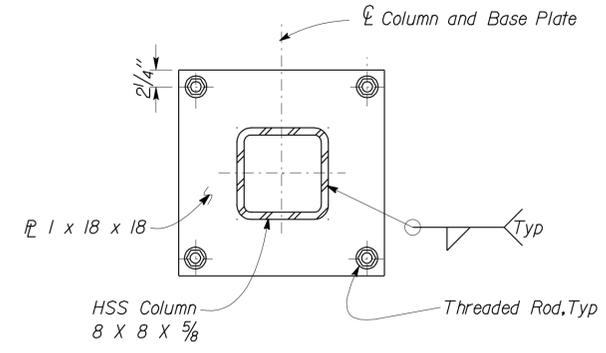
DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO. 35M5710 POST MILE 26.9	HALF MOON BAY MAINTENANCE STATION	FOUNDATION PLAN FOR FUEL STORAGE TANKS	SHEET ST1-6	
	DETAILS	BY	Andrew A. Lovato	CHECKED							Chandra Bapat
	QUANTITIES	BY		CHECKED							

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS: 0 1 2 3
 UNIT PROJECT NUMBER & PHASE: 0702 04000009271
 DISREGARD PRINTS BEARING EARLIER REVISION DATES
 REVISION DATES (PRELIMINARY STAGE ONLY): 11-19-09, 12-25-09, 12-23-09, 12-28-09, 02-01-10, 02-04-10, 03-26-10, 04-13-10, 07-01-10
 s11_06.dgn

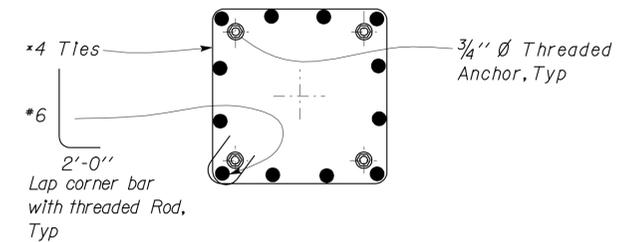
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	99	160
			10-16-10 DATE		3-7-11 PLANS APPROVAL DATE
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



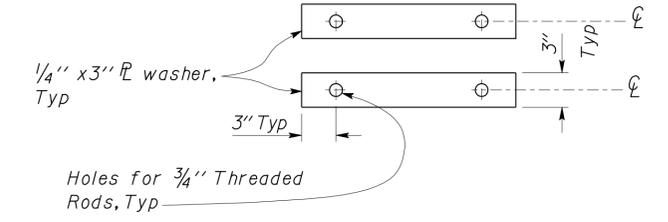
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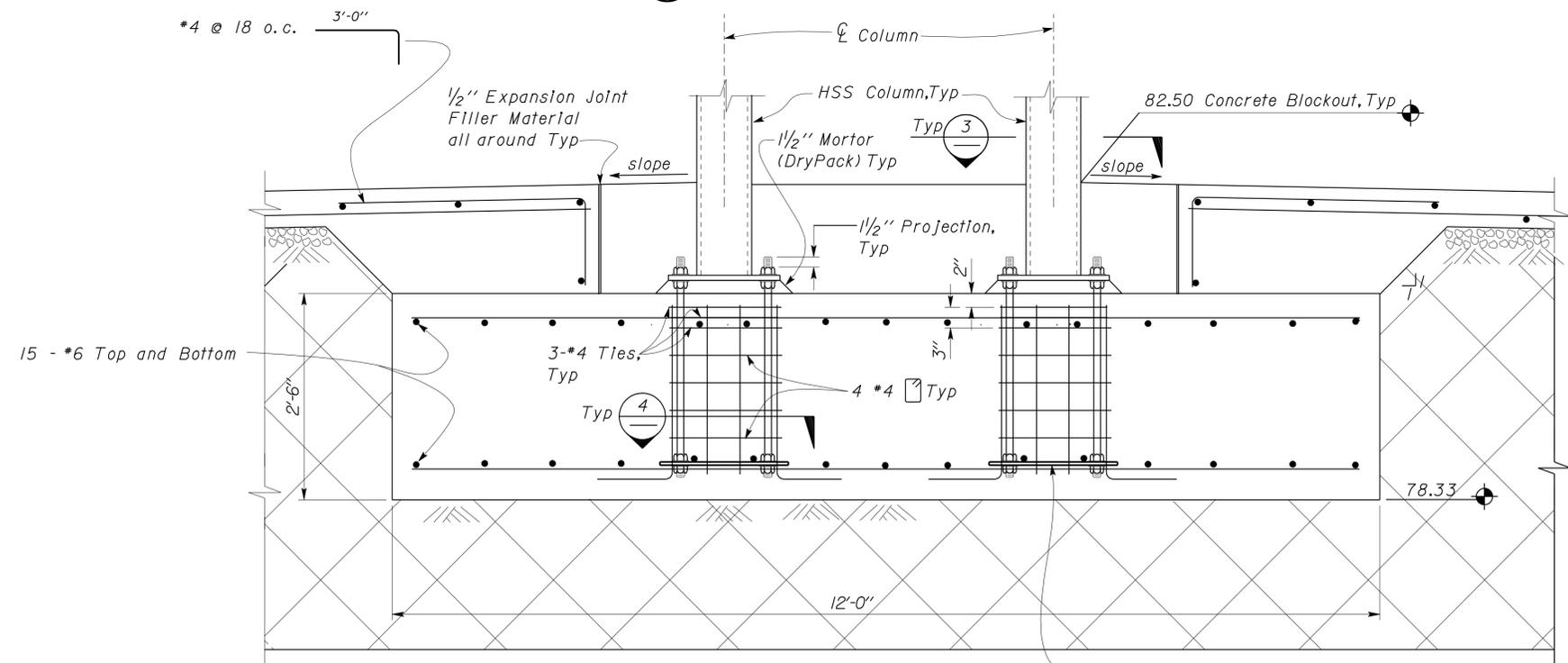
3 COLUMN BASE PLATE PLAN
Scale 1/2" = 1'-0"



4 REINFORCEMENT DETAILS
Scale 1" = 1'-0"

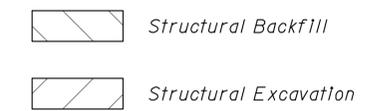


5 PLATE WASHER FOR THREADED ANCHORS
Scale 1" = 1'-0"



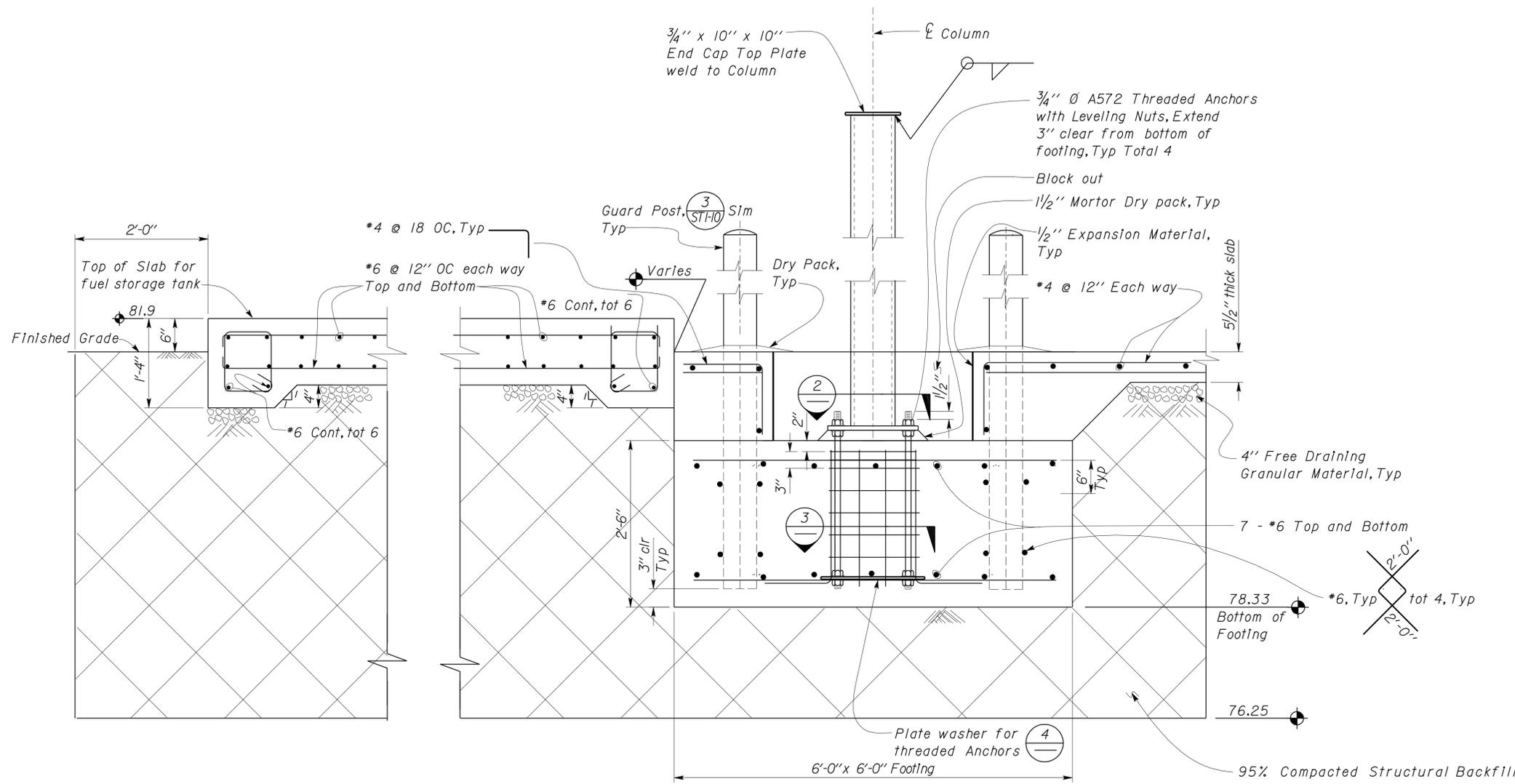
2 FOOTING SECTION
Scale 1" = 1'-0"

Elevation 81.40 - Datum 0'-0"

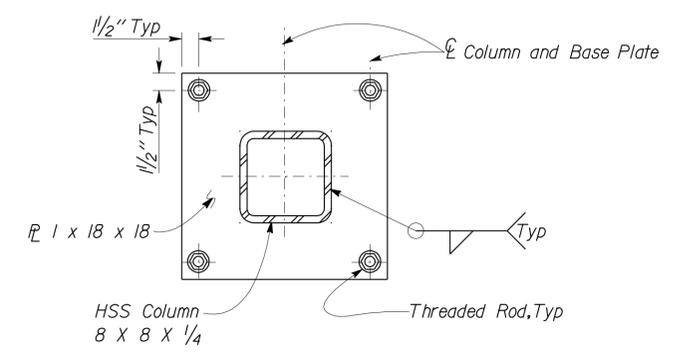


DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	35M5710	HALF MOON BAY MAINTENANCE STATION	SHEET ST1-7	
	DETAILS	BY	Andrew A. Lovato	CHECKED			Chandra Bapat	POST MILE			26.9
QUANTITIES	BY		CHECKED		UNIT	0702	REVISION DATES (PRELIMINARY STAGE ONLY)			SHEET	
					ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0	1	2	3	DISREGARD PRINTS BEARING EARLIER REVISION DATES	OF
					PROJECT NUMBER & PHASE	EA 3A0901	04000009271	11-25-09 12-03-09 2-07-09 02-08-10 03-29-10 04-13-10			

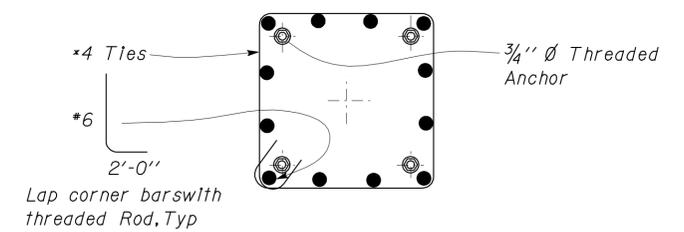
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala, CC, SM	Var	Var	100	160
 REGISTERED CIVIL ENGINEER			DATE		
3-7-11			PLANS APPROVAL DATE		
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					



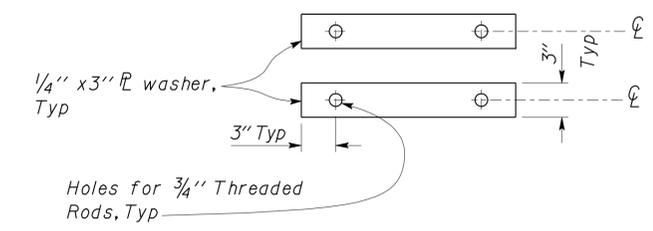
1 FOOTING SECTION
 Scale 1" = 1'-0"
 Elevation 81.4 = Datum 0'-0"



2 COLUMN BASE PLATE PLAN
 Scale 1 1/2" = 1'-0"



3 REINFORCEMENT DETAILS
 Scale 1" = 1'-0"



4 PLATE WASHER FOR THREADED ANCHORS
 Scale 1" = 1'-0"

Structural Backfill
 Structural Excavation

DESIGN	BY	Chandra Bapat	CHECKED	Thomas Tong	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES ARCHITECTURAL AND STRUCTURAL DESIGN	BRIDGE NO.	35M5710	HALF MOON BAY MAINTENANCE STATION	SHEET ST1-8	
	DETAILS	BY	Andrew A. Lovato	CHECKED			Chandra Bapat	POST MILE			26.9
QUANTITIES	BY		CHECKED		UNIT	0702	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF	
					ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	PROJECT NUMBER & PHASE	04000009271	02-02-10 02-08-10 03-30-10 04-13-10 07-07-10		
DOES SD Imperial Rev. 9/02 EA 3A0901 s11_08.dgn											