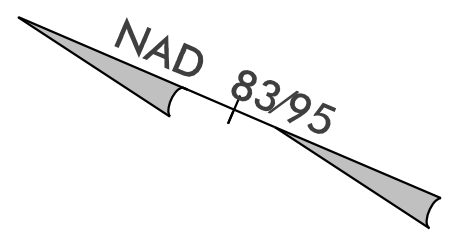
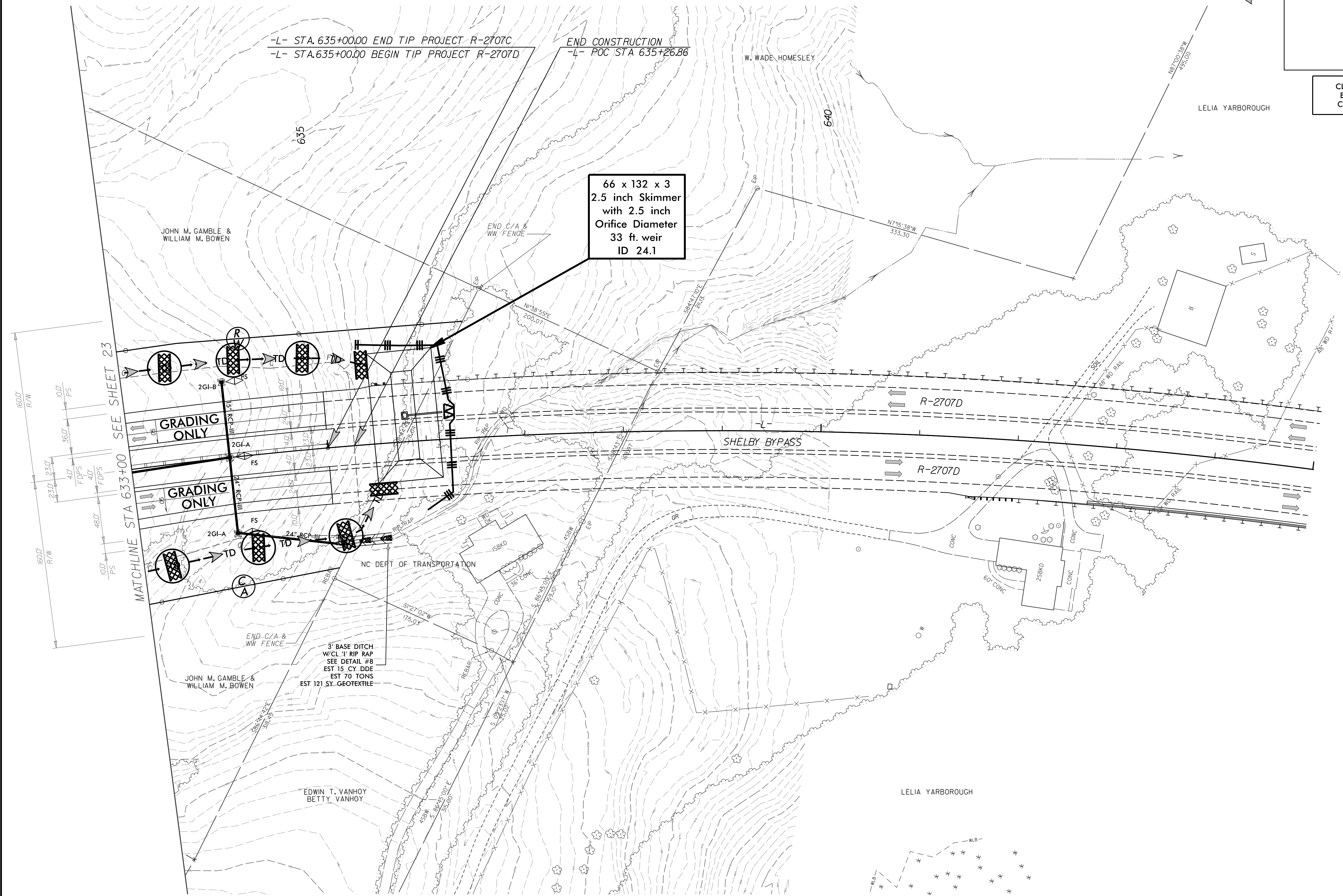


PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-24/CONST.24
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE:
 PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
 AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
 DRAINAGE OUTLETS.



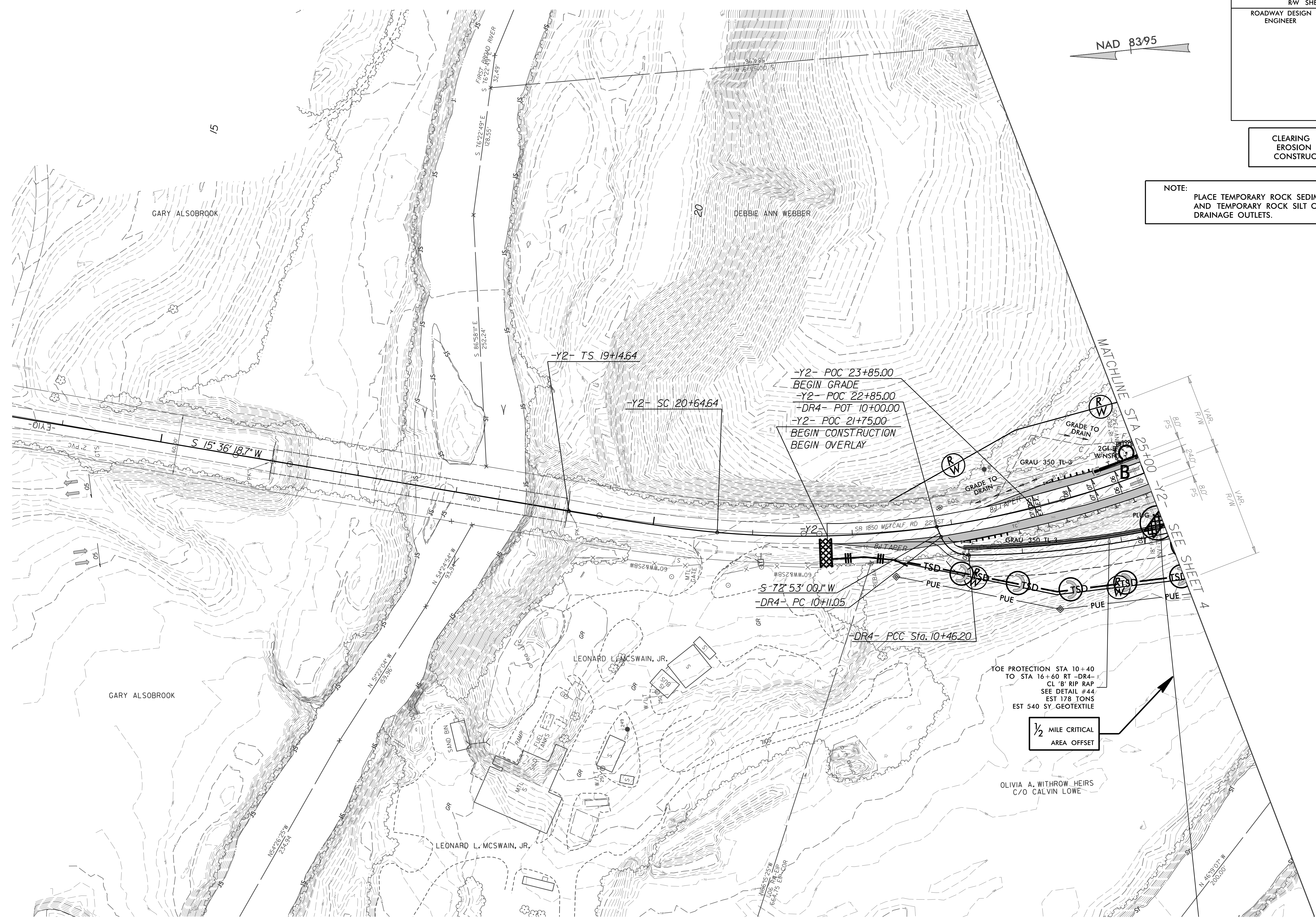
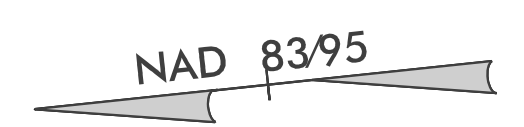
CLEARING AND GRUBBING
 EROSION CONTROL FOR
 CONSTRUCTION SHEET 24



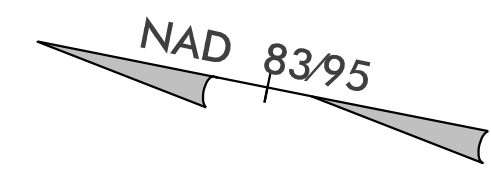
PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-25/CONST.25
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 25

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

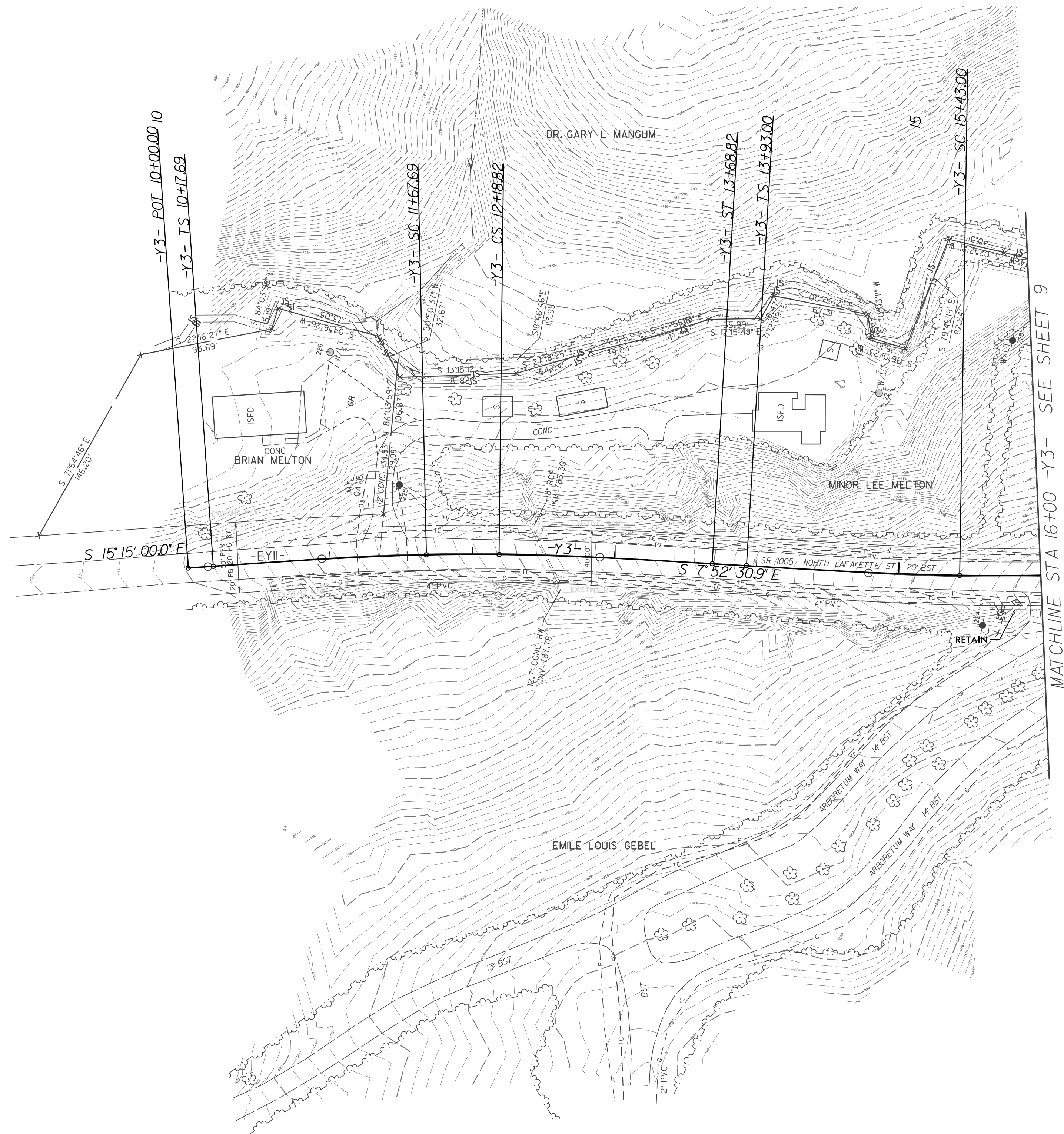


PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-26/CONST.26
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 26

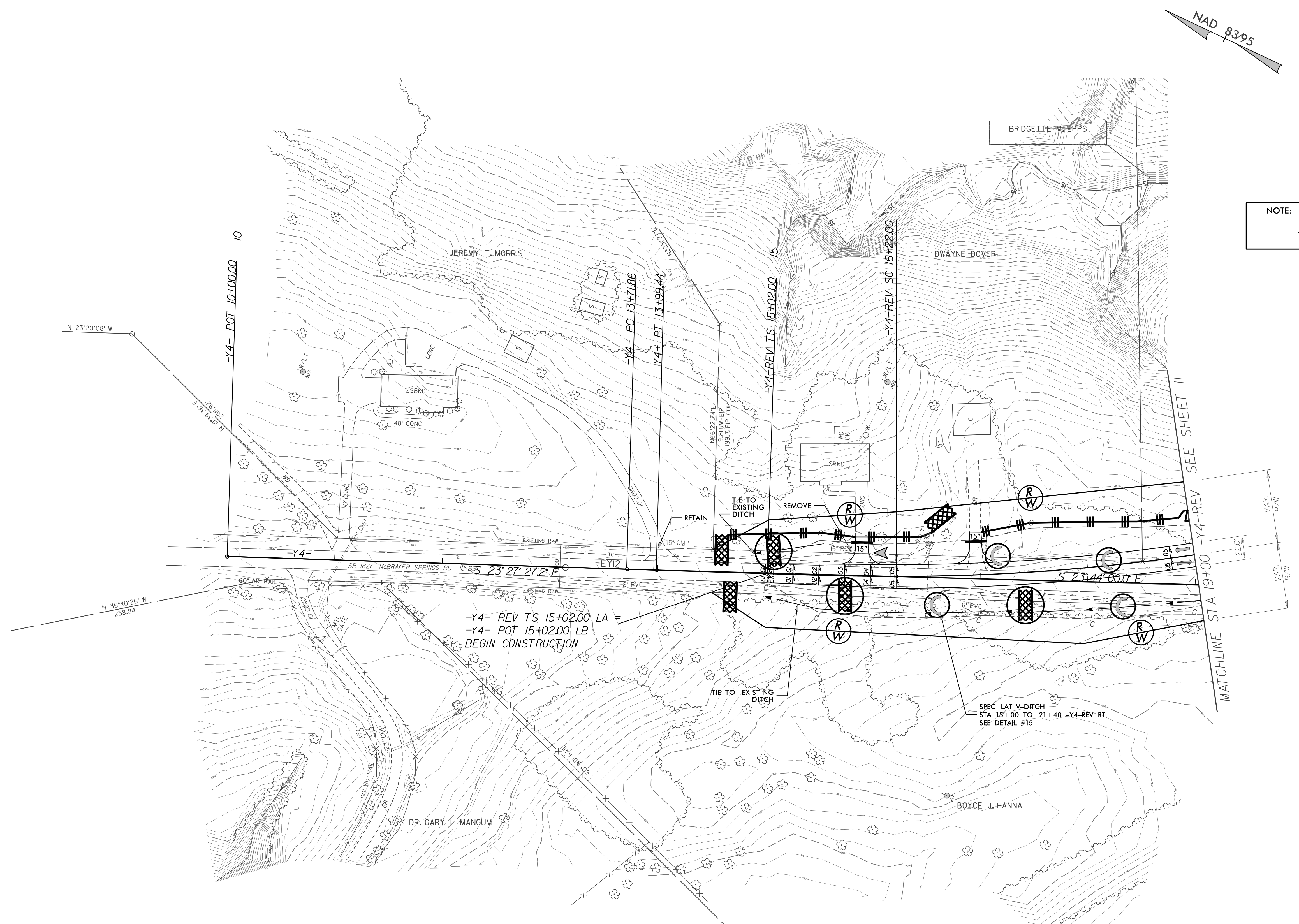
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.



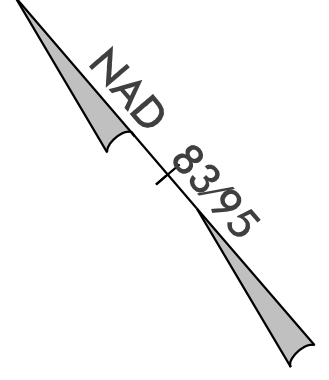
PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-28/CONST.28
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 28

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

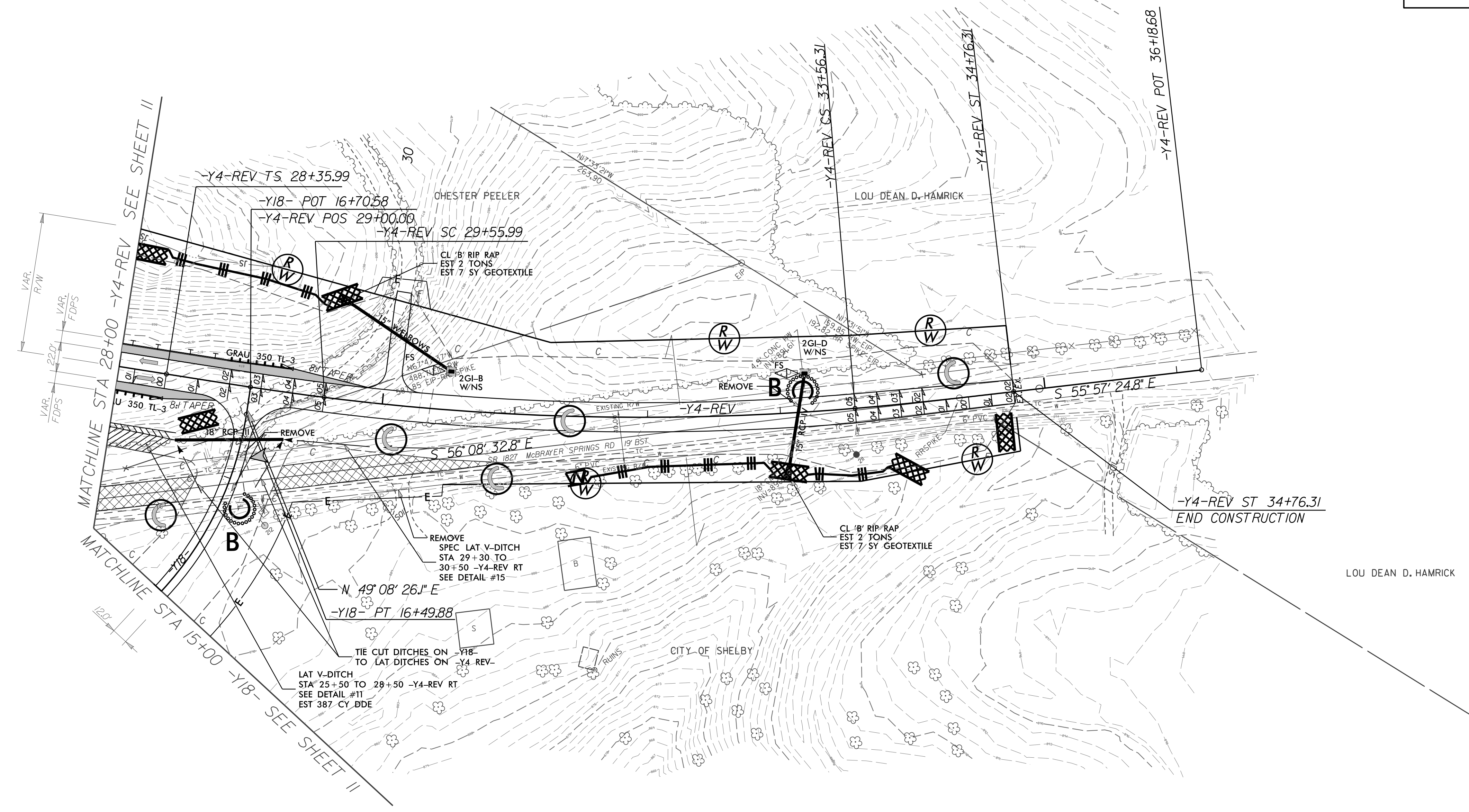


PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-29/CONST.29
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



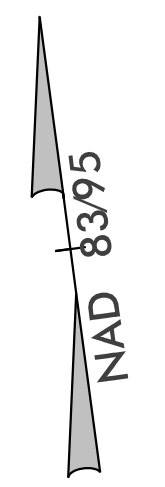
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 29

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.



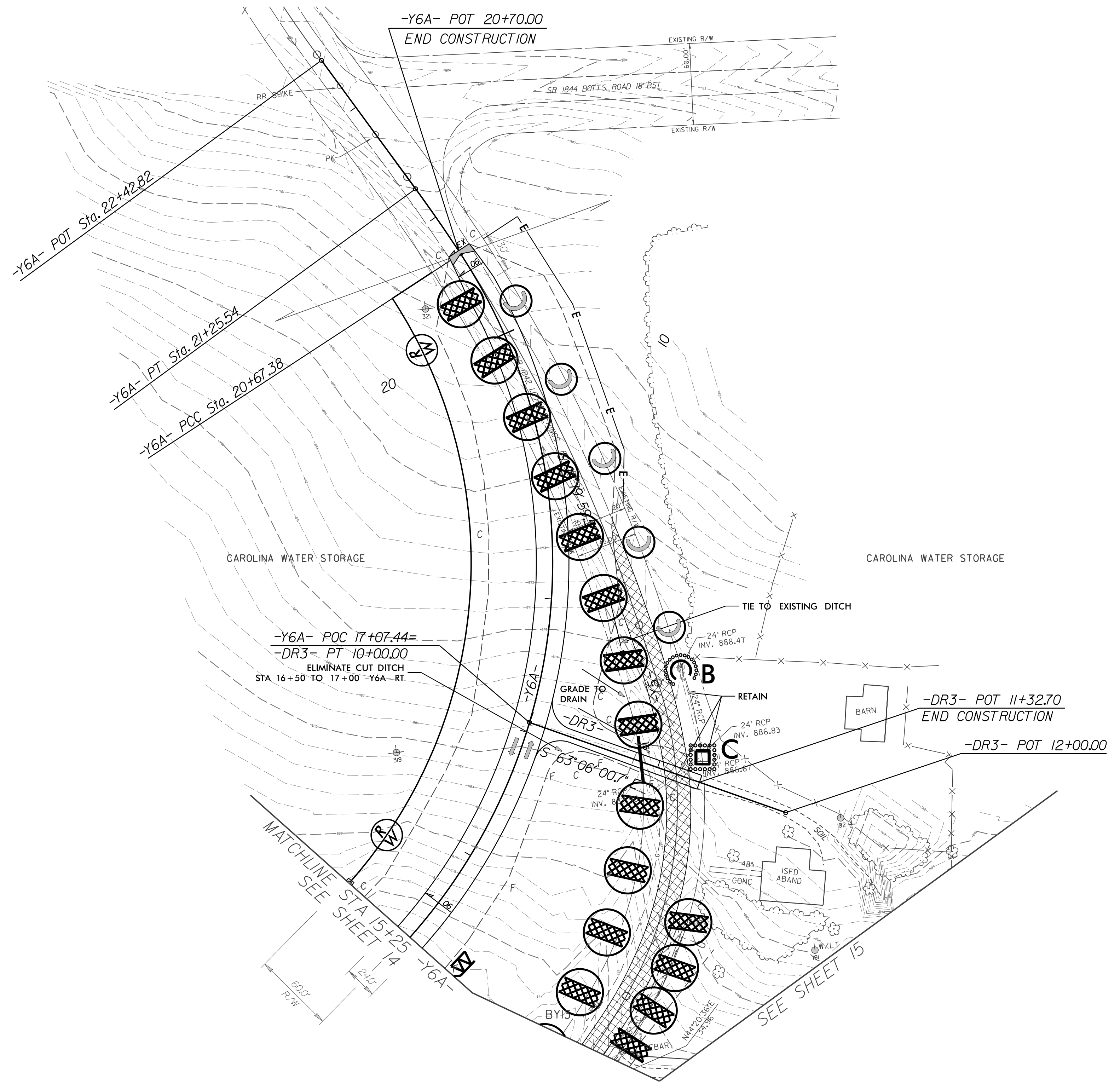
FOR DITCH DETAILS SEE SHEET 2D-1
FOR -Y4-REV PROFILE SEE SHEET 57
FOR -Y18- PROFILE SEE SHEET 76

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-30/CONST.30
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 30

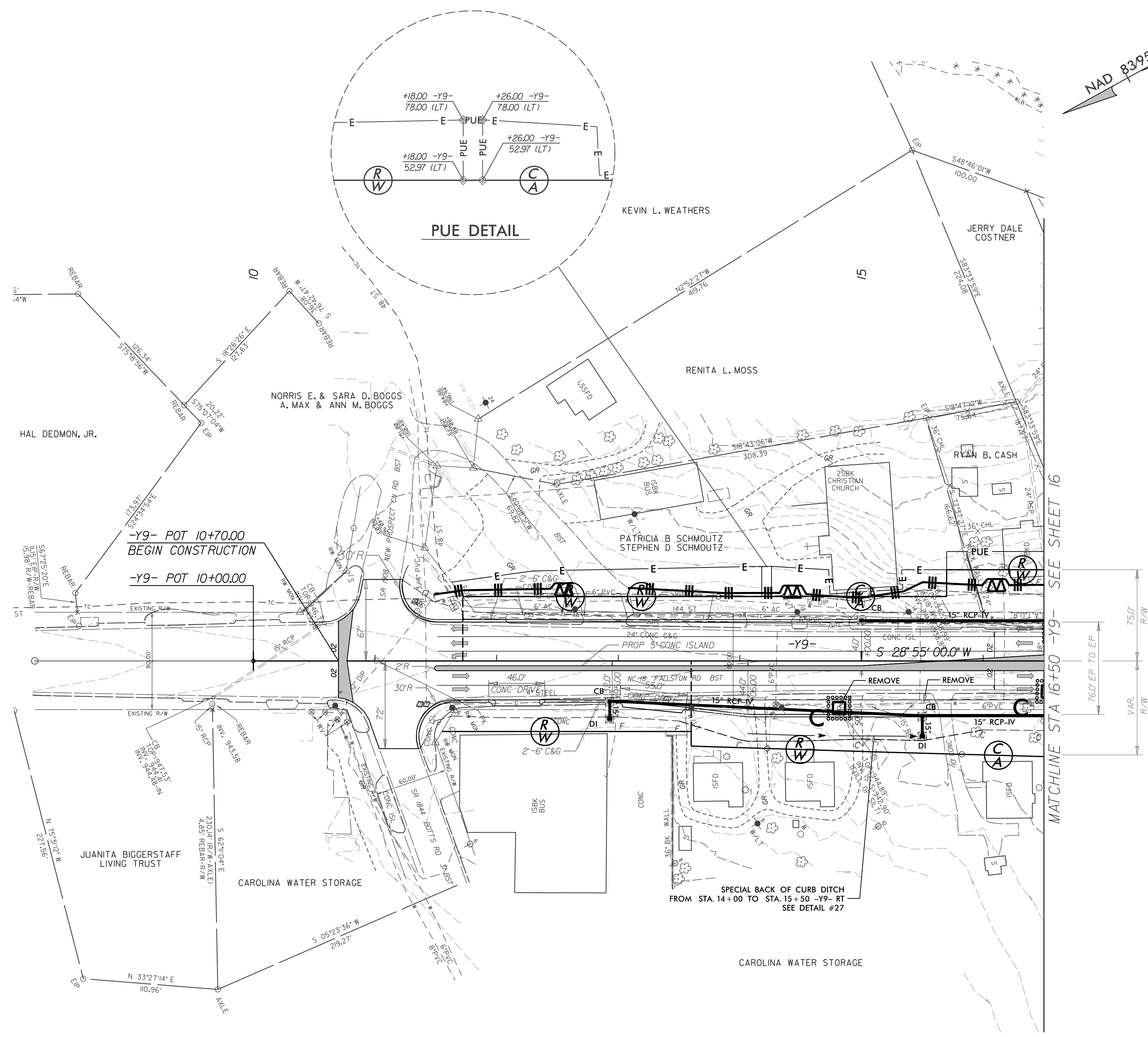
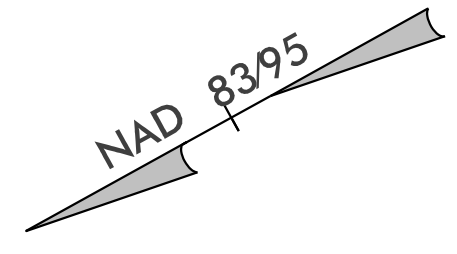
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.



PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-31/CONST.31
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 31

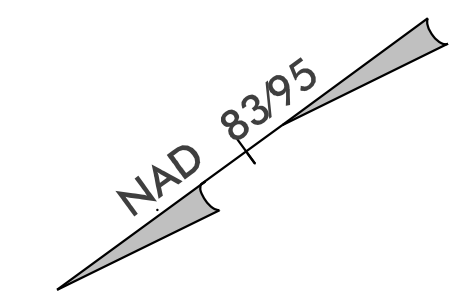
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.



PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-32/CONST.32
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 32

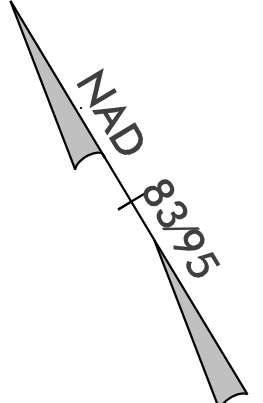
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.



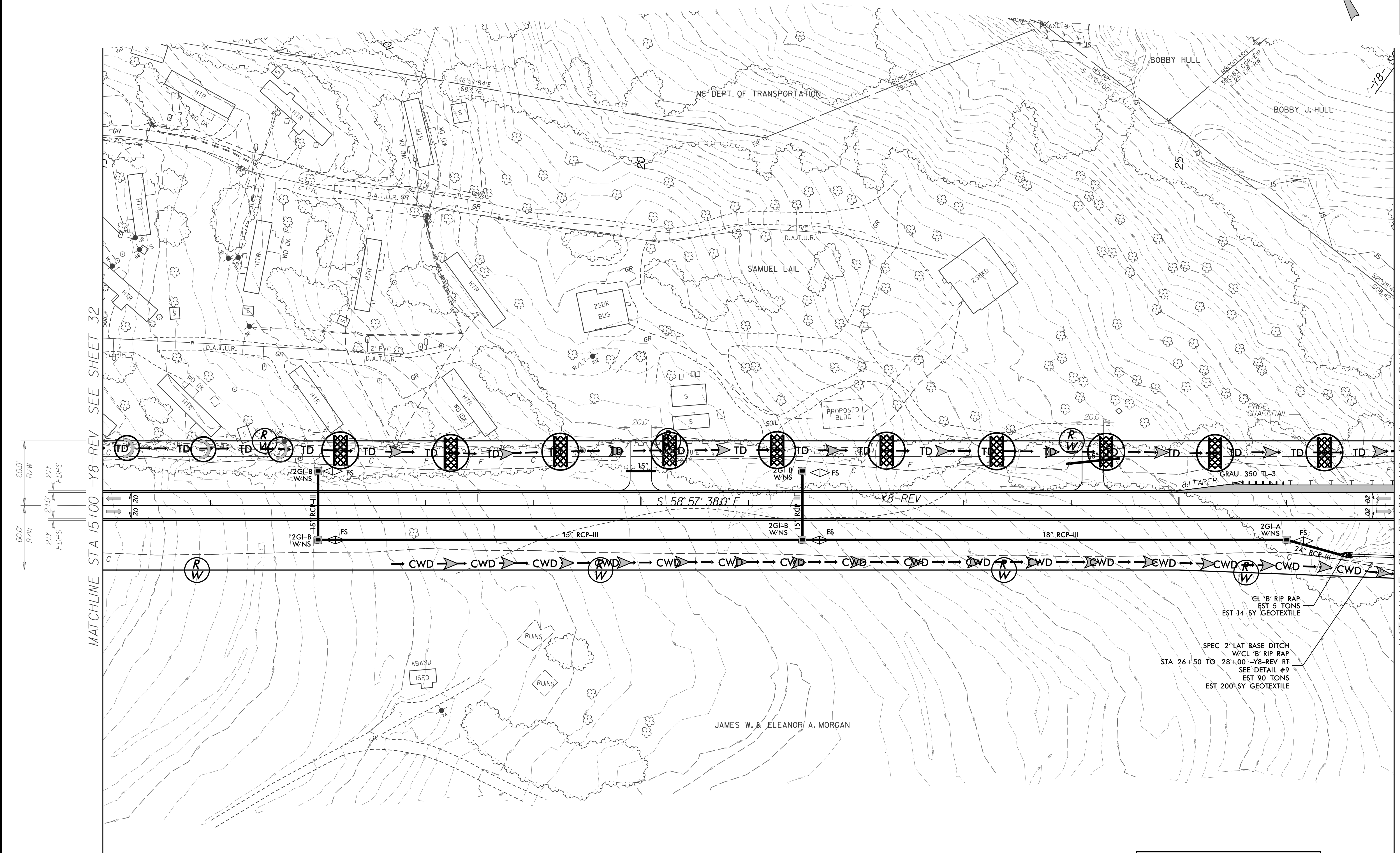
FOR -Y9- DETOUR DETAILS SEE SHEET 2B-2
FOR -Y8-REV PROFILE SEE SHEET 59
FOR -Y9- PROFILE SEE SHEET 60

PROJECT REFERENCE NO. <i>R-2707C</i>	SHEET NO. <i>EC-33/CONST.33</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

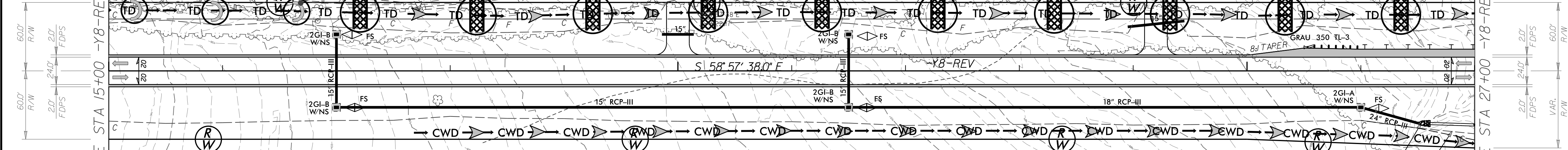


CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 33

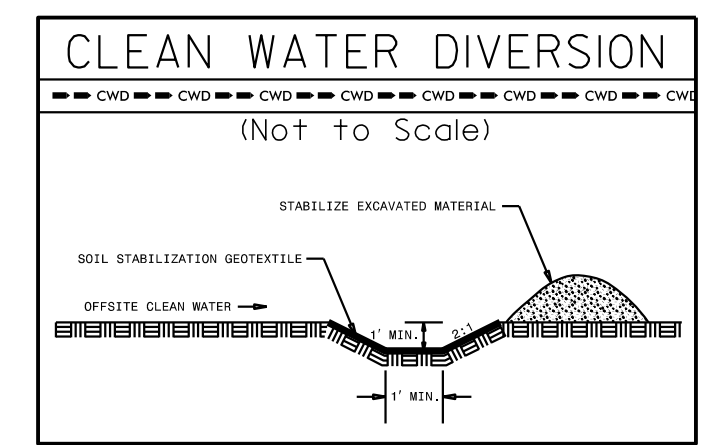


MATCHLINE STA 15+00 -Y8-REV SEE SHEET 32

MATCHLINE STA 27+00 -Y8-REV SEE SHEET 34



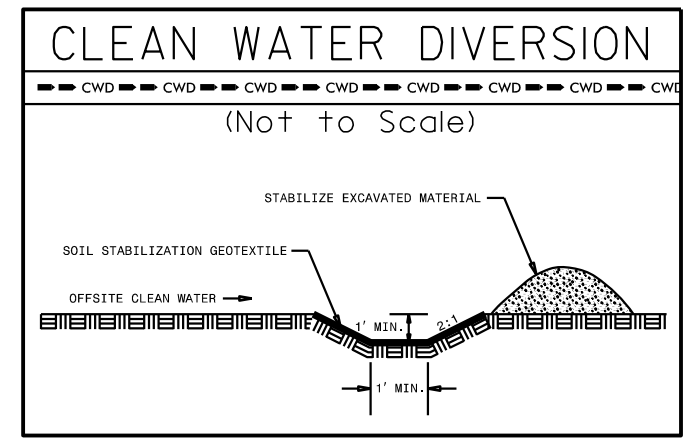
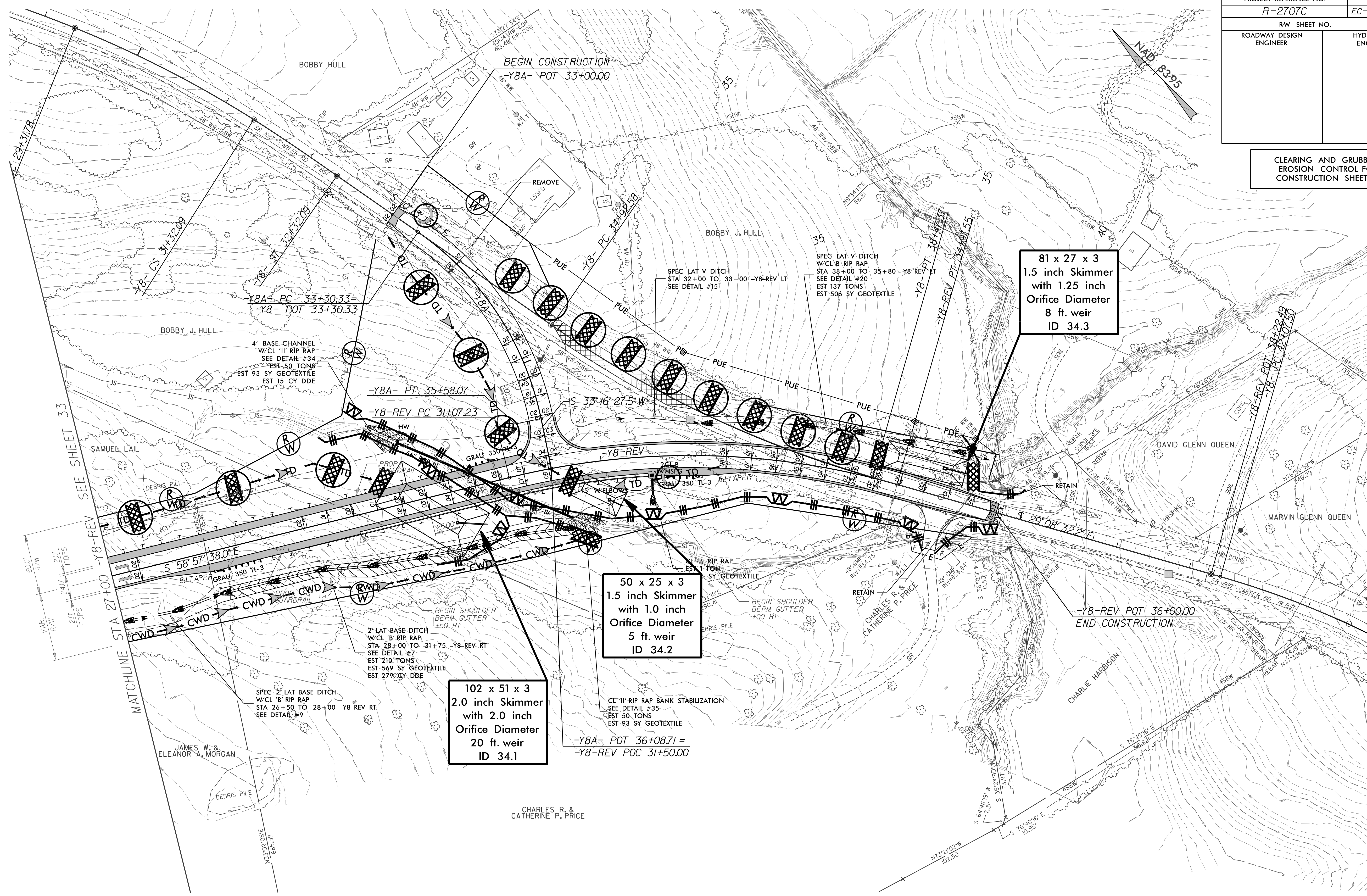
SPEC 2' LAT BASE DITCH
W/CL 'B' RIP RAP
STA 26+50 TO 28+00 -Y8-REV RT
SEE DETAIL #9
EST 90 TONS
EST 200 SY GEOTEXTILE



FOR DITCH DETAILS SEE SHEET 2D-1
FOR -Y8-REV PROFILE SEE SHEET 59

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-34/CONST.34
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 34



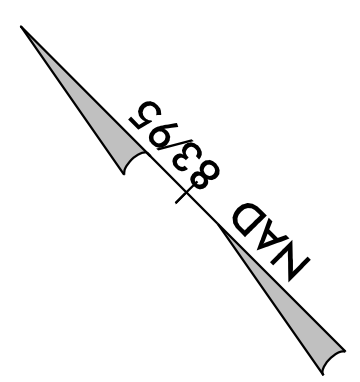
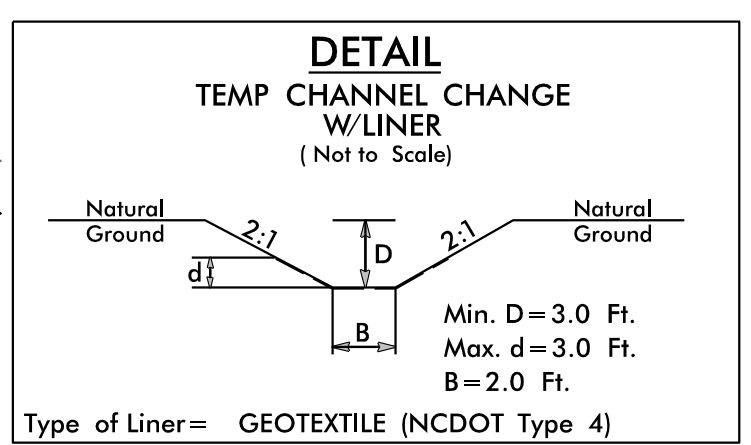
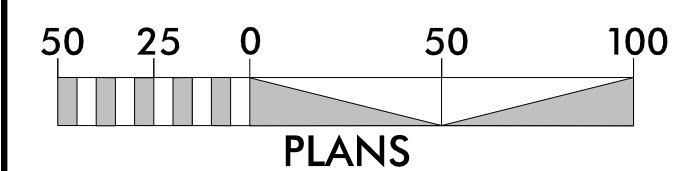
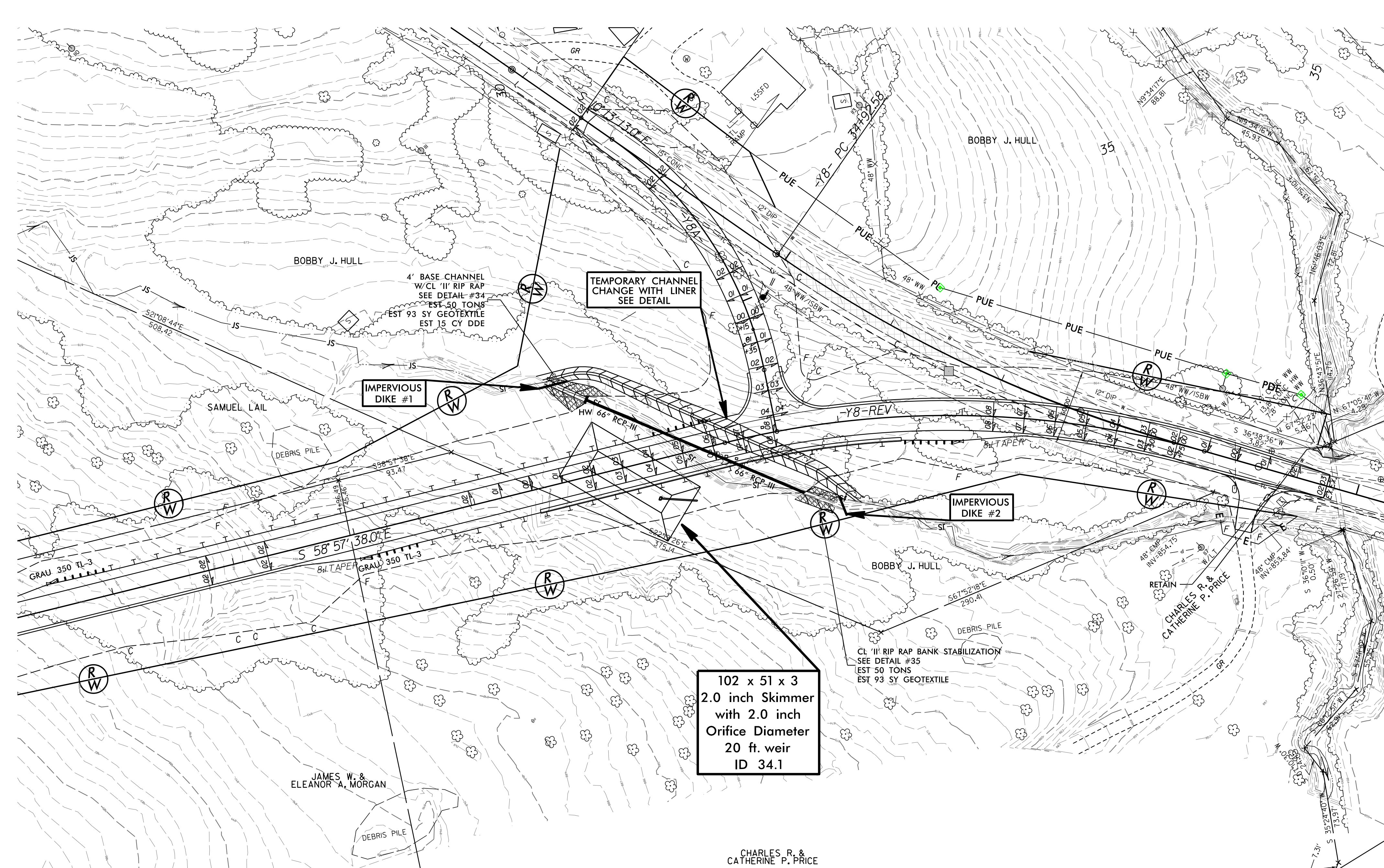
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

FOR DITCH DETAILS SEE SHEET 2D-1
FOR PFSH DETAILS SEE SHEET 2D-2
FOR -Y8A- PROFILE SEE SHEET 58
FOR -Y8-REV PROFILE SEE SHEET 59

66" RCP CONSTRUCTION SEQUENCE STA. 30+87 -Y8REV- UT TO HICKORY CREEK

PROJECT REFERENCE NO. R-2707C	SHEET NO. EC-34A/CONST.34
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

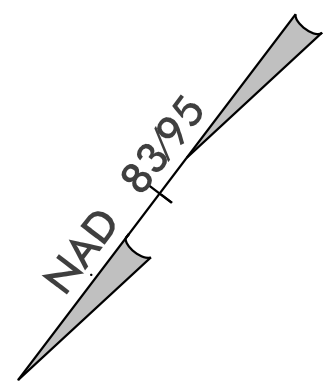
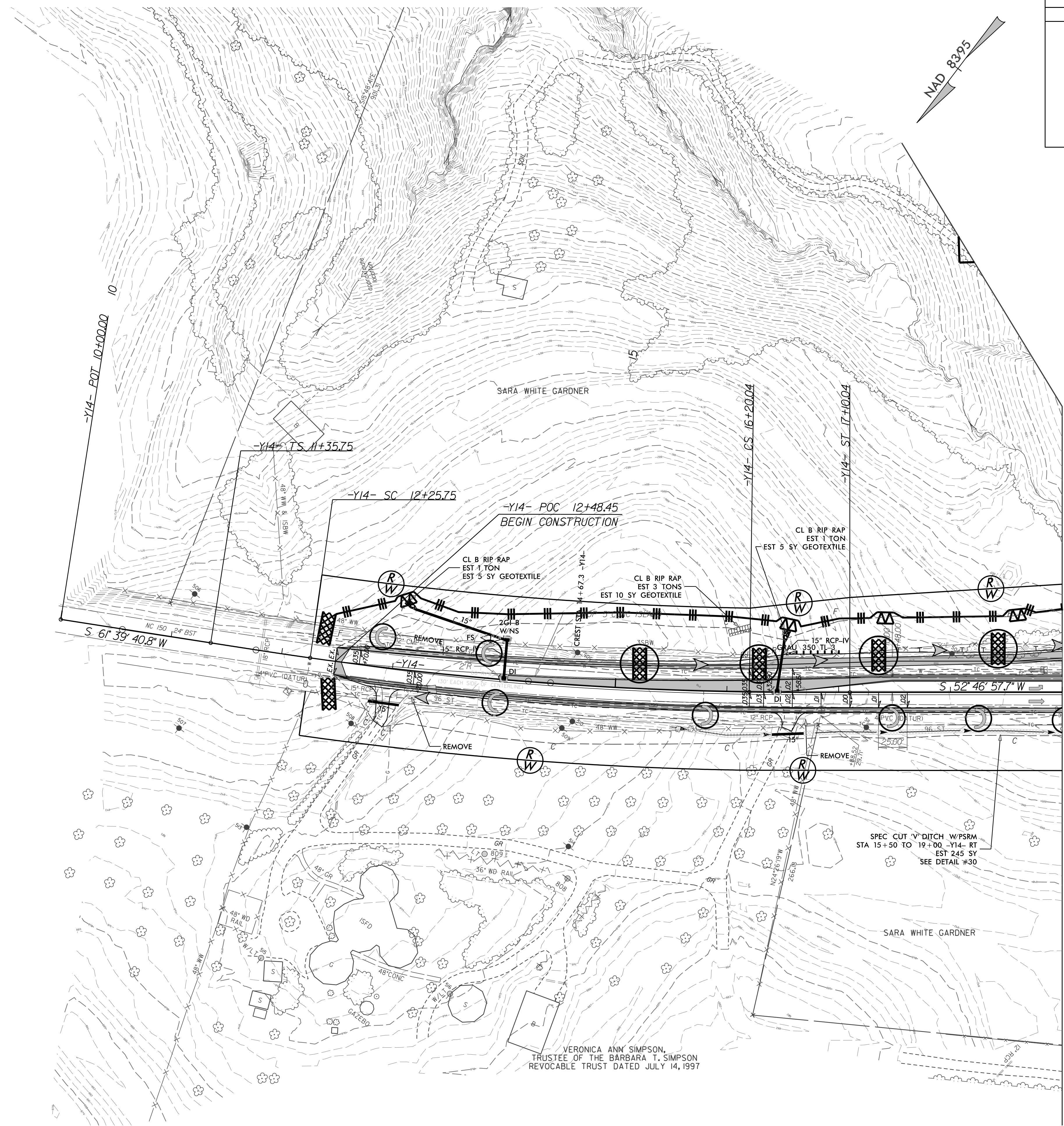
- 1.) CONSTRUCT SKIMMER BASIN 34.1.
- 2.) CONSTRUCT TEMPORARY CHANNEL CHANGE WITH LINER (SEE DETAIL).
- 3.) INSTALL IMPERVIOUS DIKES #1 AND #2 AND DIVERT FLOW INTO TEMPORARY CHANNEL.
- 4.) DEWATER CONSTRUCTION AREA, UTILIZING SKIMMER BASIN 34.1 FOR PUMPED EFFLUENT.
- 5.) INSTALL 66" RCP W/HEADWALL, UPSTREAM CHANNEL AND DOWNSTREAM BANK STABILIZATION IN ACCORDANCE WITH THE PLANS.
- 6.) REMOVE IMPERVIOUS DIKES #1, #2 AND TEMPORARY CHANNEL AND DIRECT FLOW THROUGH 66" RCP.
- 7.) COMPLETE ROADWAY.



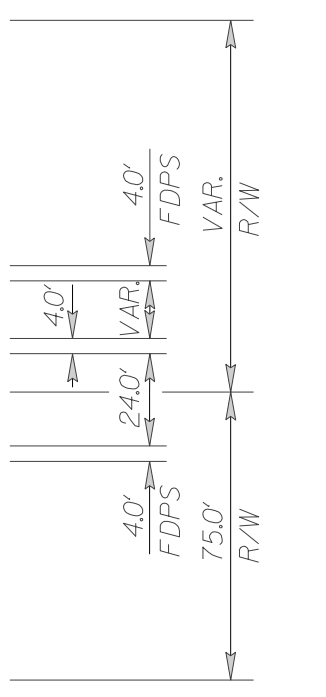
CHARLES R. & CATHERINE P. PRICE

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-35/CONST.35
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 35



MATCHLINE STA 19+00 -Y14- SEE SHEET 36

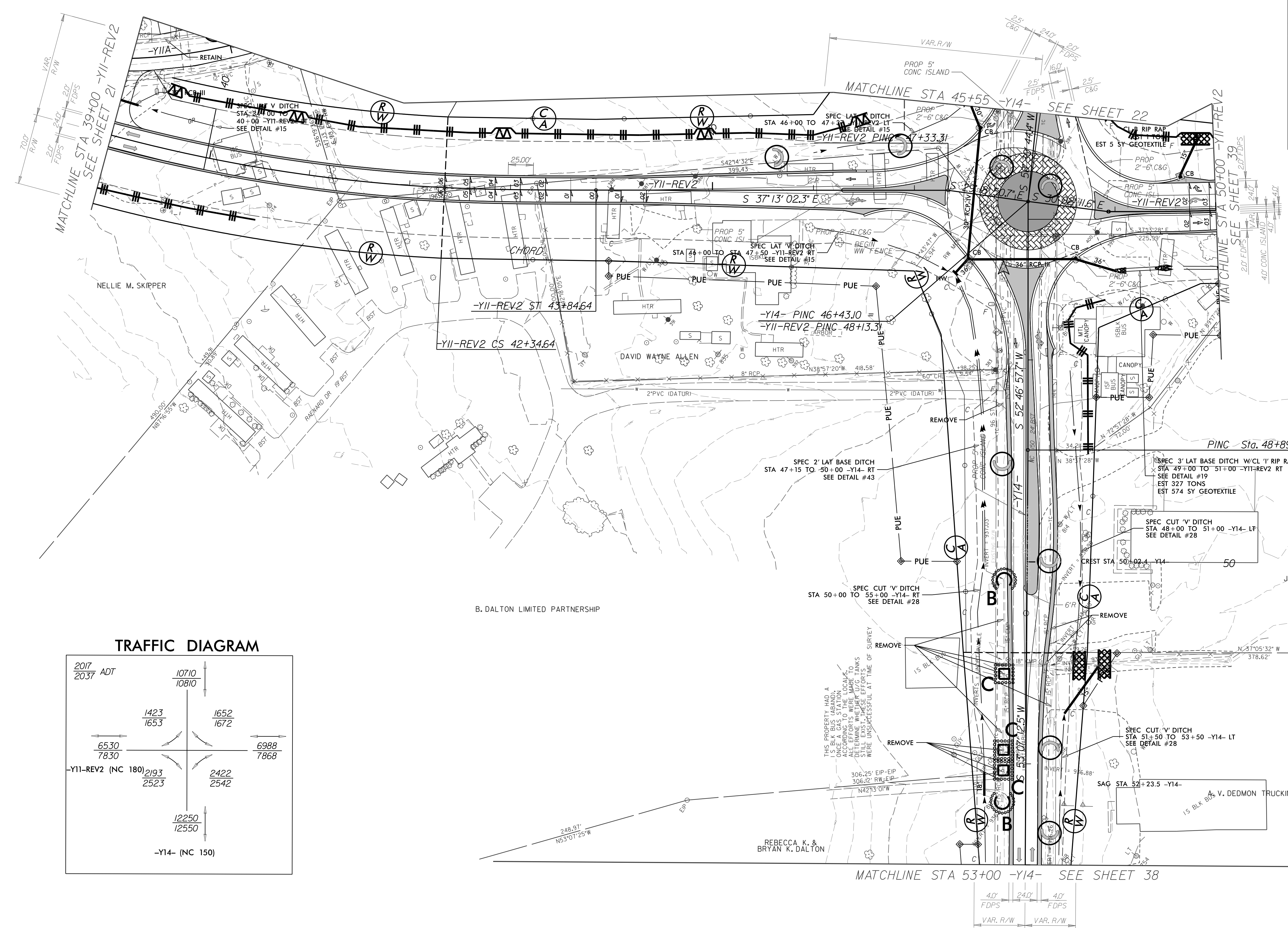


NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

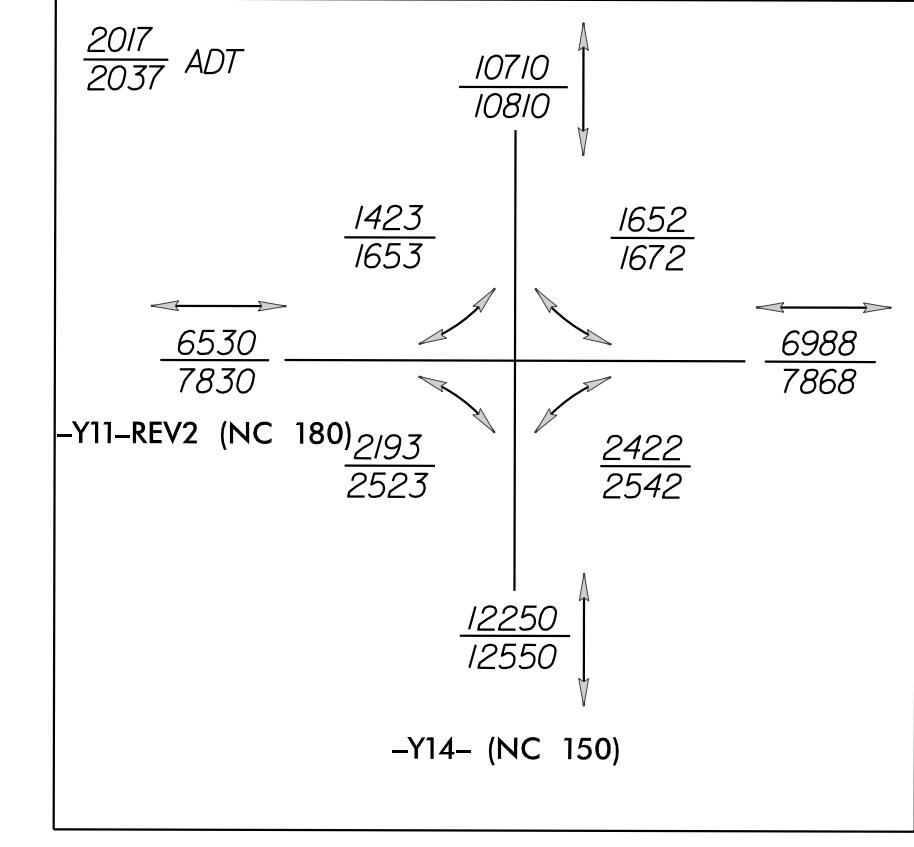
VERONICA ANN SIMPSON,
TRUSTEE OF THE BARBARA T. SIMPSON
REVOCABLE TRUST DATED JULY 14, 1997

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-37/CONST.37
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 37



TRAFFIC DIAGRAM

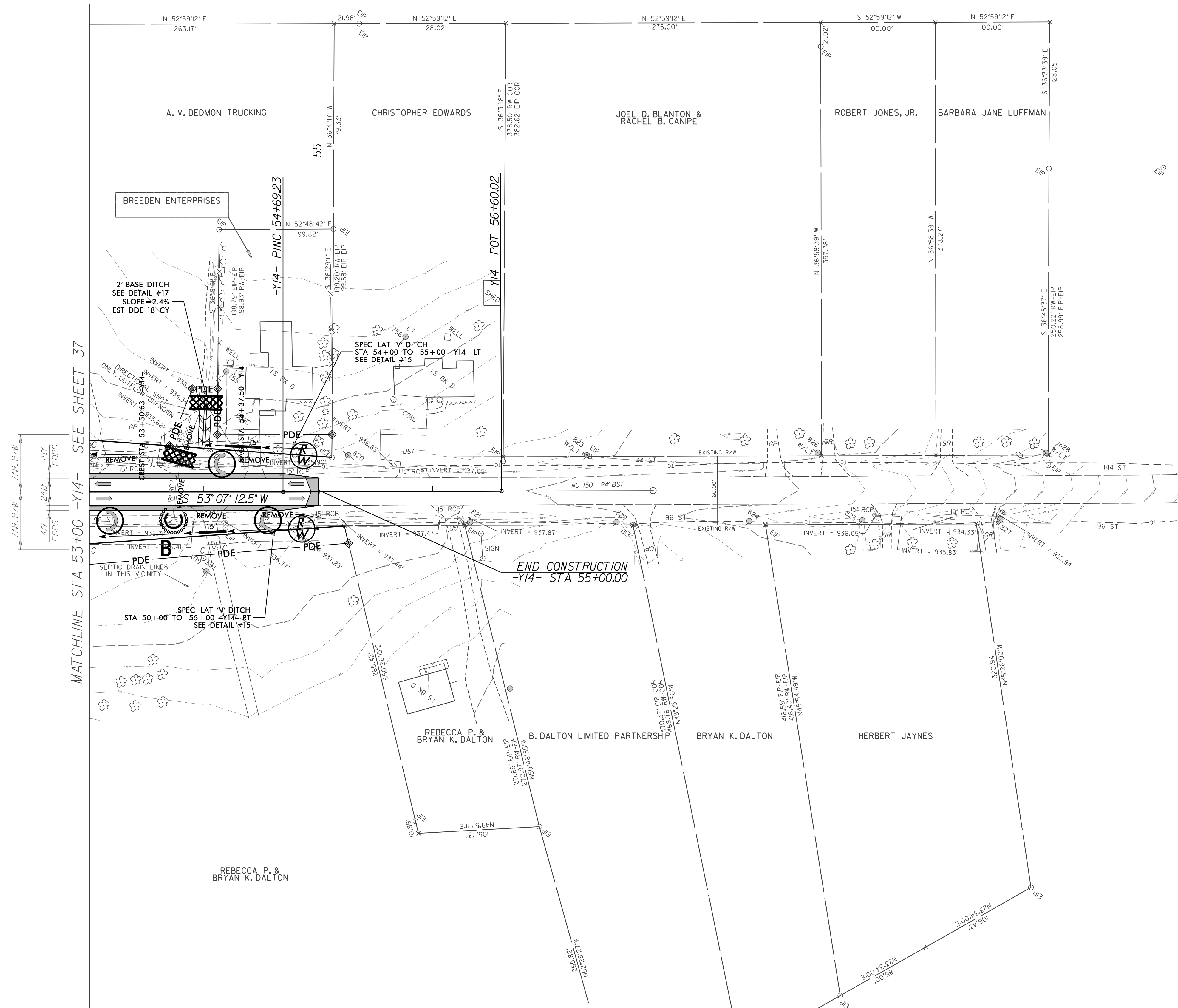
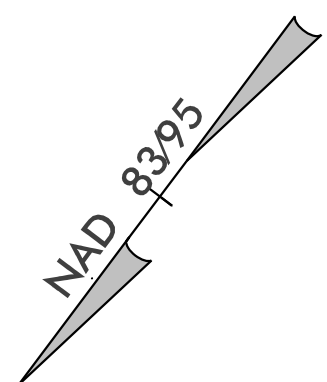


NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

FOR ROUNDABOUT DETAIL SEE SHEET 2B-7
FOR -Y11-REV2 PROFILE SEE SHEET 66 & 67
FOR -Y14 PROFILE SEE SHEET 70

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-38/CONST.38
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 38



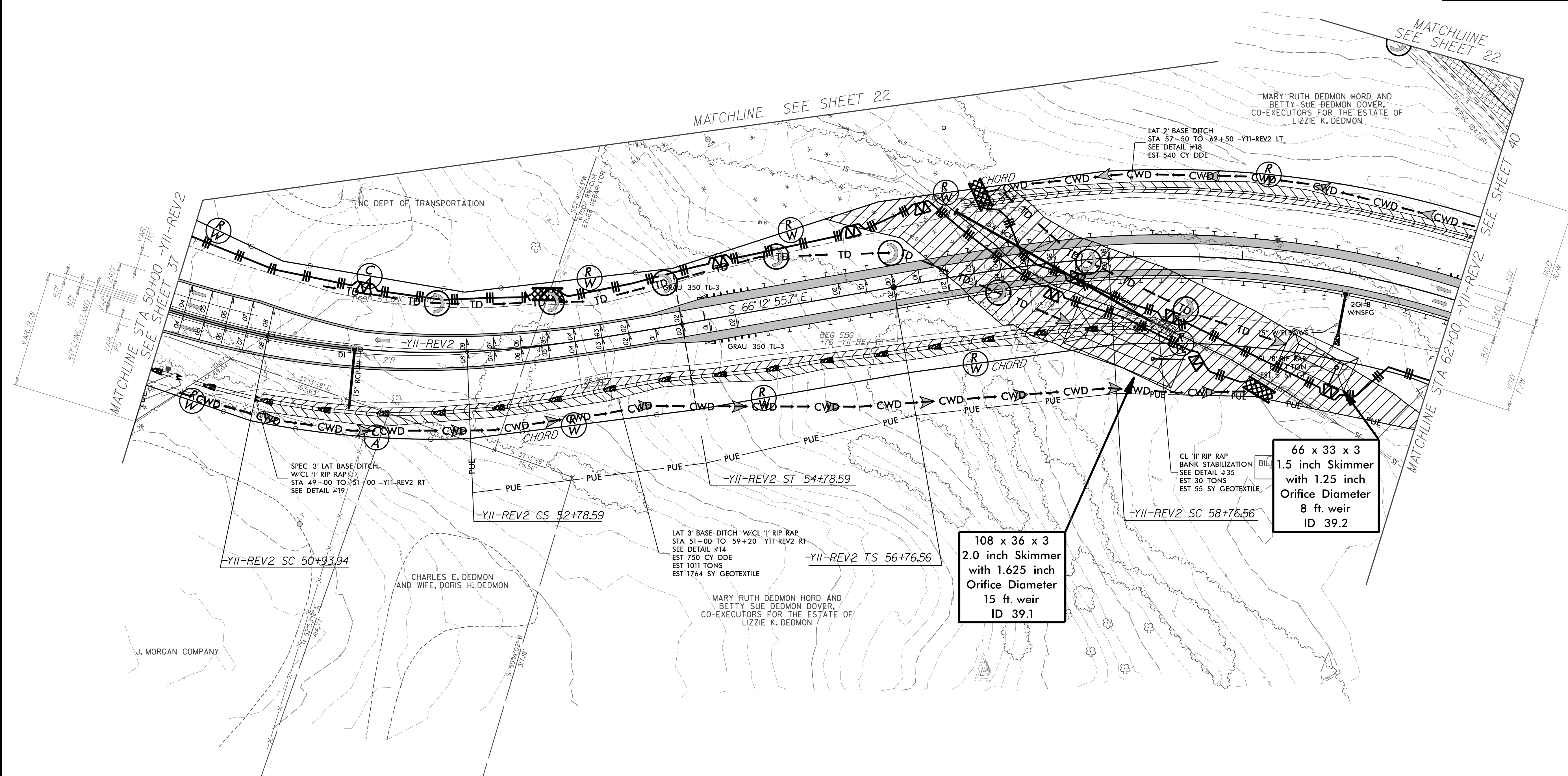
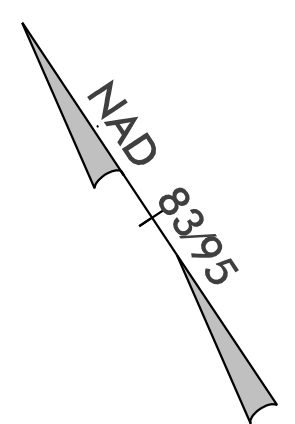
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

MATCHLINE STA 53+00 -Y14- SEE SHEET 37

END CONSTRUCTION
-Y14- STA 55+00.00

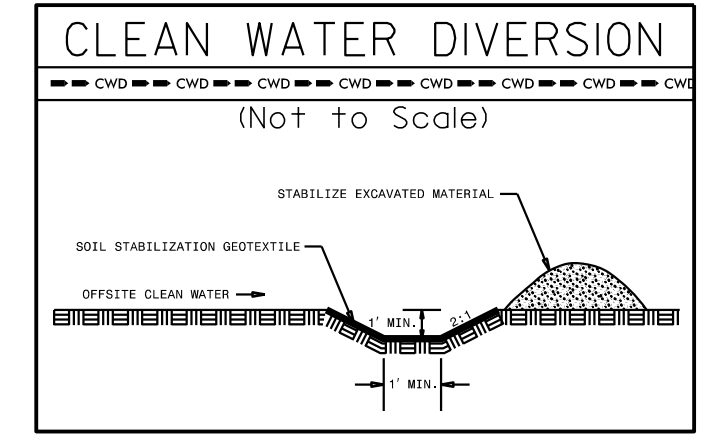
PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-39/CONST.39
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 39



INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

NOTE: PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

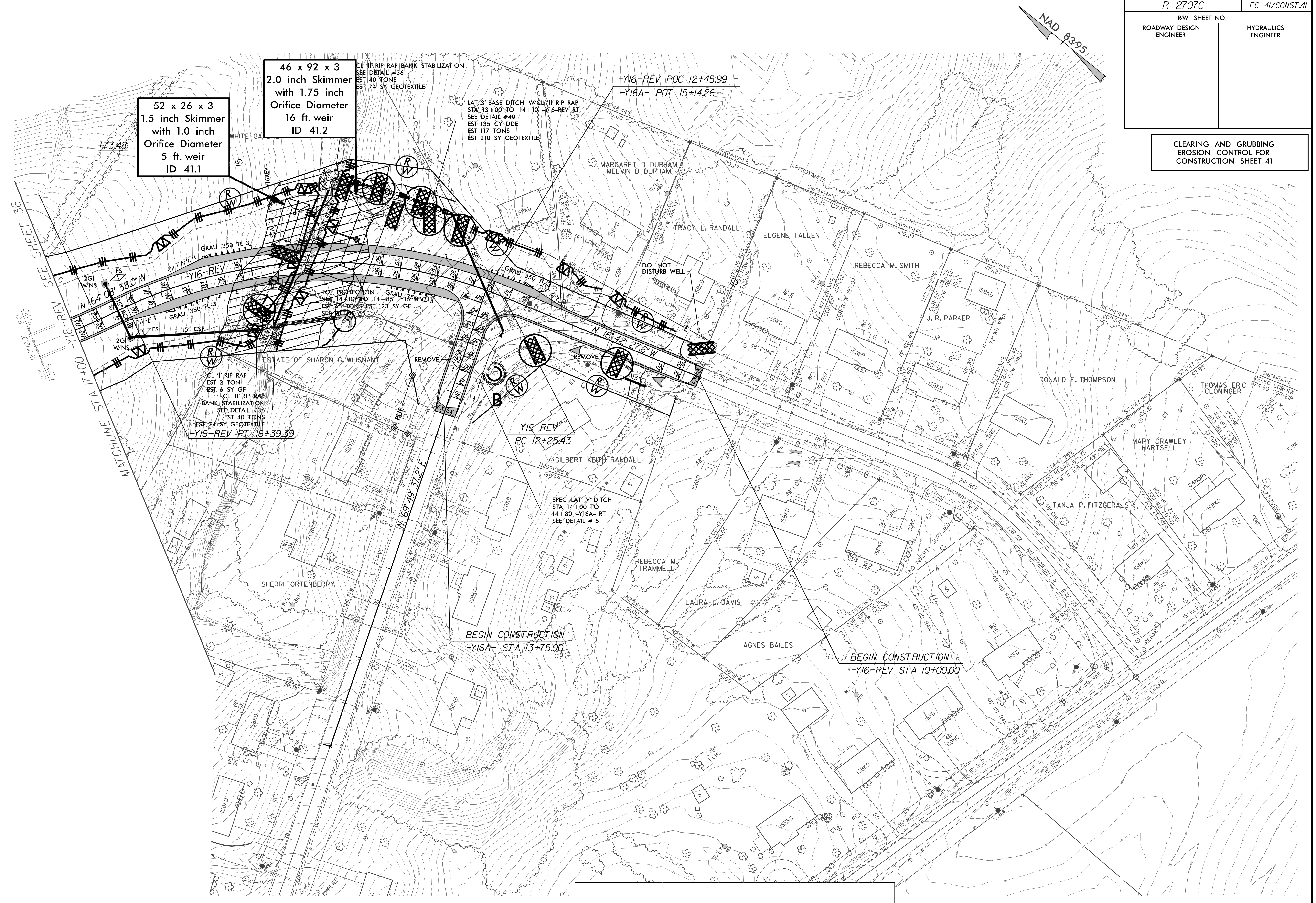


66 x 33 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
8 ft. weir
ID 39.2

108 x 36 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
15 ft. weir
ID 39.1

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-41/CONST.41
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 41



INSTALL PIPE(S) IN JURISDICTIONAL AREAS WITHOUT IMPACTING STREAM UNTIL AREA STABILIZED AND ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL.

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B AND TEMPORARY ROCK SILT CHECKS TYPE - A AT DRAINAGE OUTLETS.

ENVIRONMENTALLY SENSITIVE AREA
SEE PROJECT SPECIAL PROVISIONS

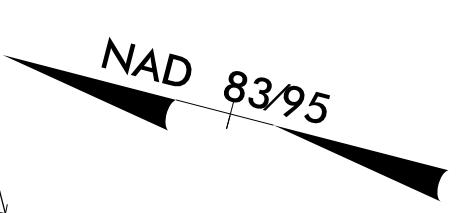
FOR -Y16-REV PROFILE SEE SHEET 75
FOR -Y16A- PROFILE SEE SHEET 75

PROJECT REFERENCE NO. R-2707C		SHEET NO. EC-42/CONST.42	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			

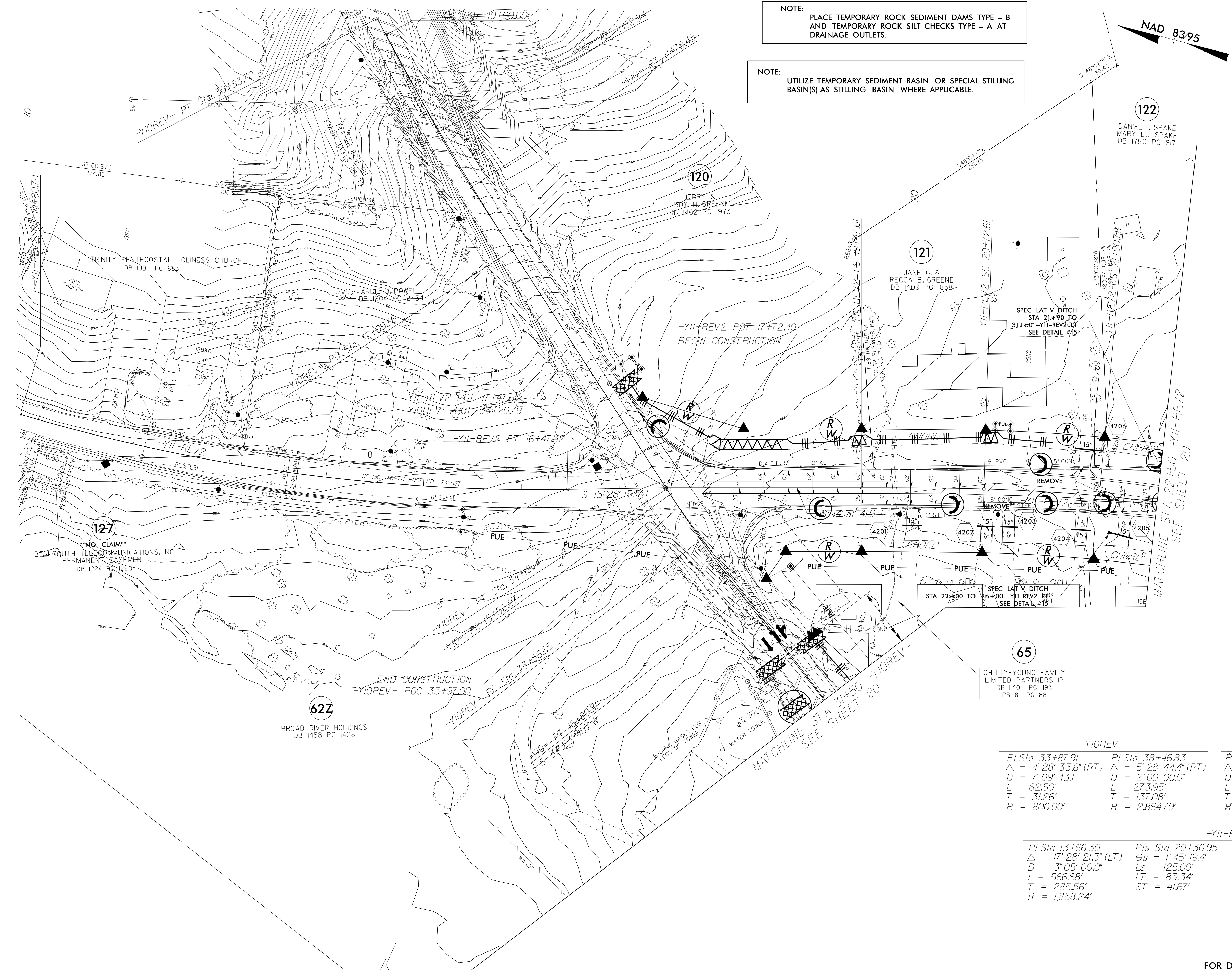
CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 42

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE - B
AND TEMPORARY ROCK SILT CHECKS TYPE - A AT
DRAINAGE OUTLETS.

NOTE:
UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING
BASIN(S) AS STILLING BASIN WHERE APPLICABLE.



REVISIONS
R/W REVISION ON LET PROJECT 6-22-17 (TEH) - ADDED PARCEL 127 - PARCELS 120, 121 AND 127 - ADDED PUE
R/W REVISION ON LET PROJECT 8-18-17 (TEH) - RELOCATED PARCEL 127 AND ADDED PARCEL 62
R/W REVISION ON LET PROJECT 1-24-18 (DGM) - COMBINED PARCEL 123 AND PARCEL 122, OWNER CHANGED TO DANIEL I SPAKE, PARCEL 123 REMOVED
CONST. REV. 10/3/2021 - REMOVED -Y10- ALIGNMENT AND ADDED -Y10REV- ADDED Z CLAIMS TO PARCELS 62, 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



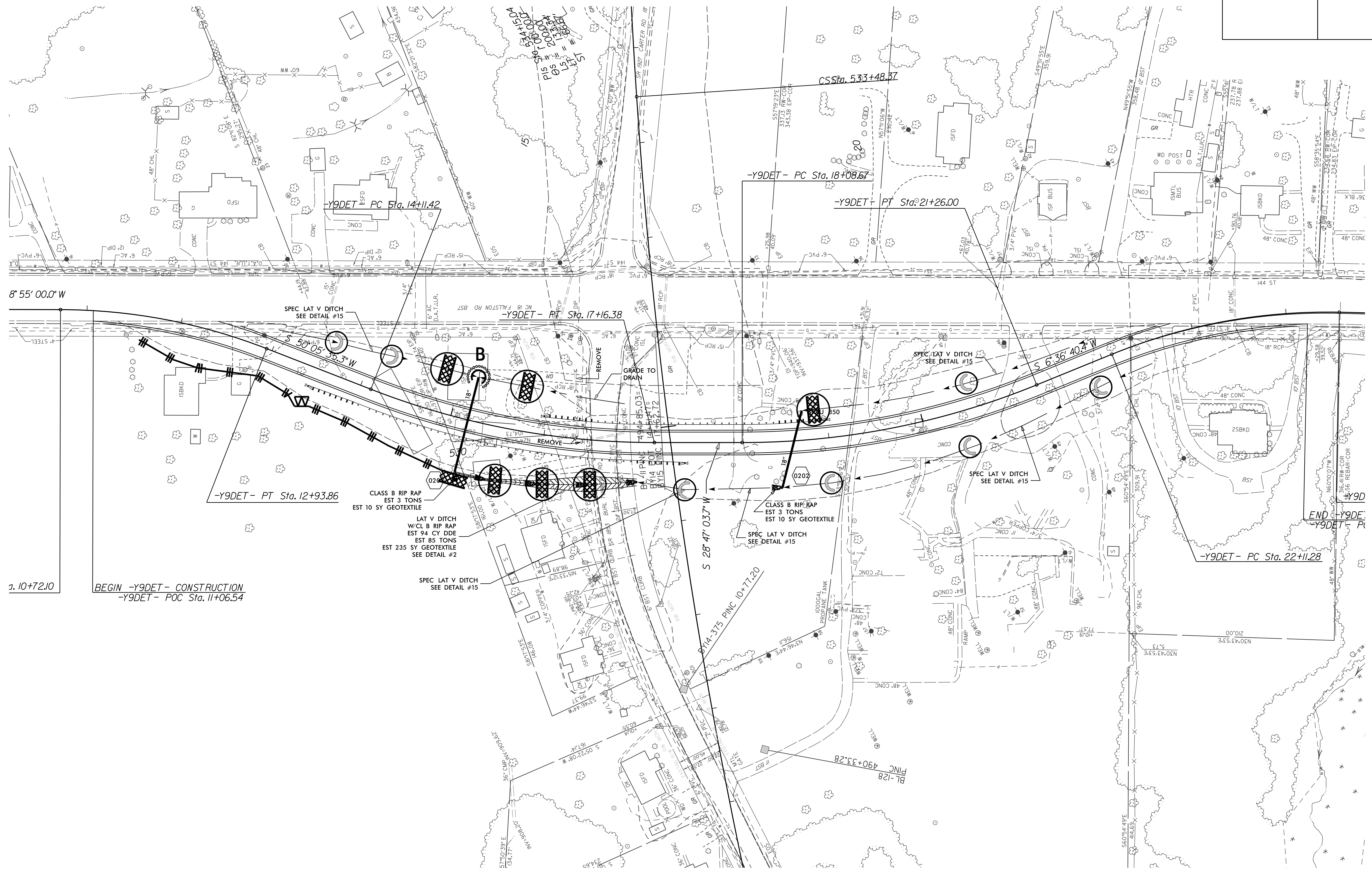
-Y10REV-		-Y10-	
PI Sta 33+87.91	PI Sta 38+46.83	PI Sta 11+49.72	PI Sta 16+18.58
$\Delta = 4' 28'' 33.6''$ (RT)	$\Delta = 5' 28'' 44.4''$ (RT)	$\Delta = 4' 38'' 15.9''$ (LT)	$\Delta = 5' 08'' 30.1''$ (LT)
D = 7' 09' 43.1"	D = 2' 00' 00.0"	D = 7' 00' 00.0"	D = 4' 00' 00.0"
L = 62.50'	L = 273.95'	L = 85.54'	L = 128.54'
T = 31.26'	T = 137.08'	T = 32.79'	T = 64.31'
R = 800.00'	R = 2,864.79'	R = 818.51'	R = 1432.39'

-Y11-REV2			
PIs Sta 13+66.30	PIs Sta 20+30.95	PI Sta 21+31.71	PIs Sta 22+32.45
$\Delta = 17' 28'' 21.3''$ (LT)	$\Theta_s = 1' 45'' 19.4''$	$\Delta = 3' 19'' 08.1''$ (RT)	$\Theta_s = 1' 45'' 19.4''$
D = 3' 05' 00.0"	Ls = 125.00'	D = 2' 48' 31.0"	Ls = 125.00'
L = 566.68'	LT = 83.34'	L = 118.17'	LT = 83.34'
T = 285.56'	ST = 41.67'	T = 59.10'	ST = 41.67'
R = 1,858.24'		R = 2,040.00'	SE = .05

FOR DITCH DETAILS SEE SHEETS 2D-1 AND 2D-2
FOR -Y11-REV2 PROFILE SEE SHEET 66
FOR -Y10REV- PROFILE SEE SHEET 78

DETOUR

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-43/CONST.2B
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



8' 55' 00.0" W

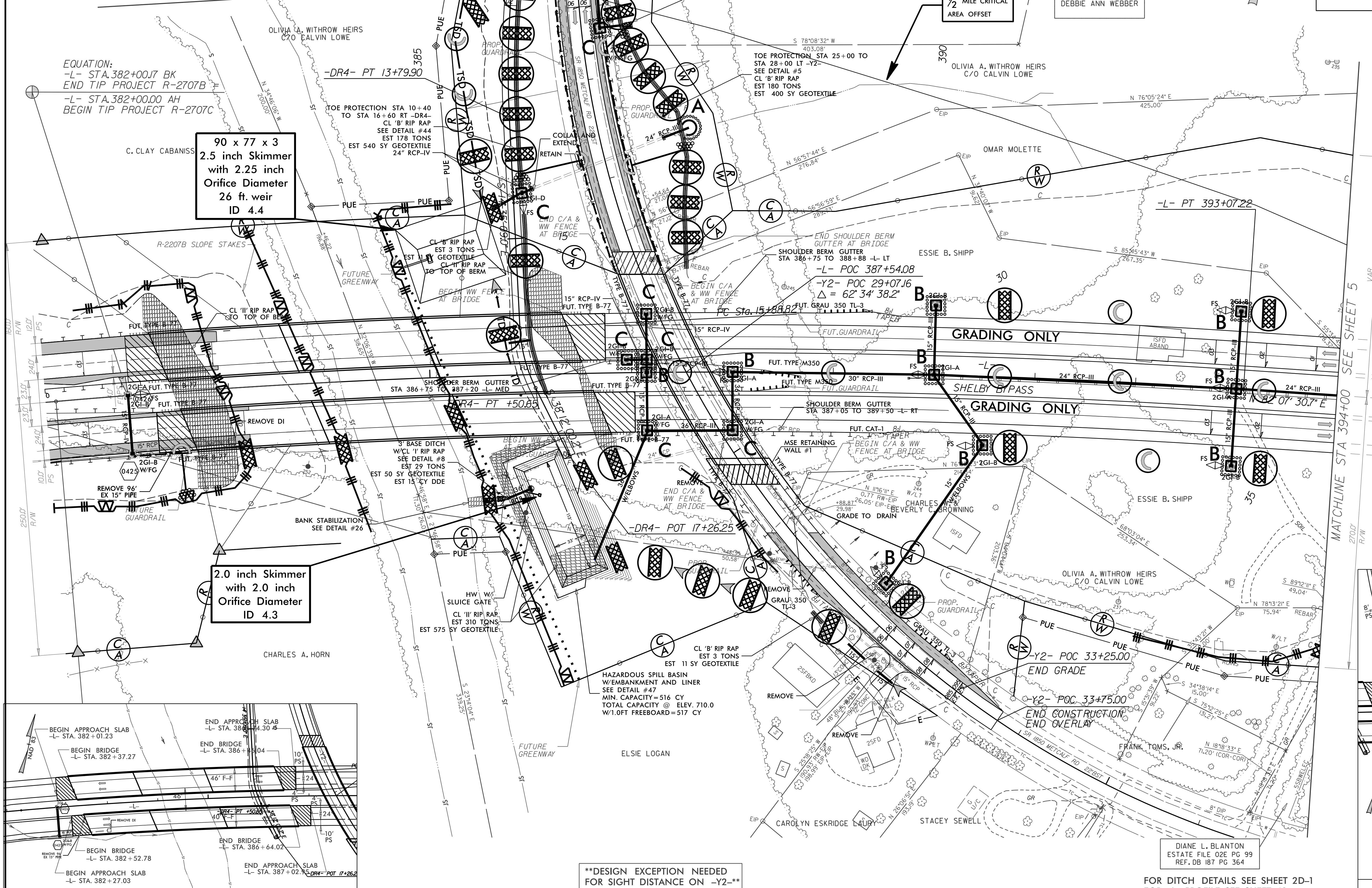
1. 10+72.10

BEGIN -Y9DET- CONSTRUCTION
-Y9DET- POC Sta. 11+06.54

END -Y9DET-
-Y9DET- POC

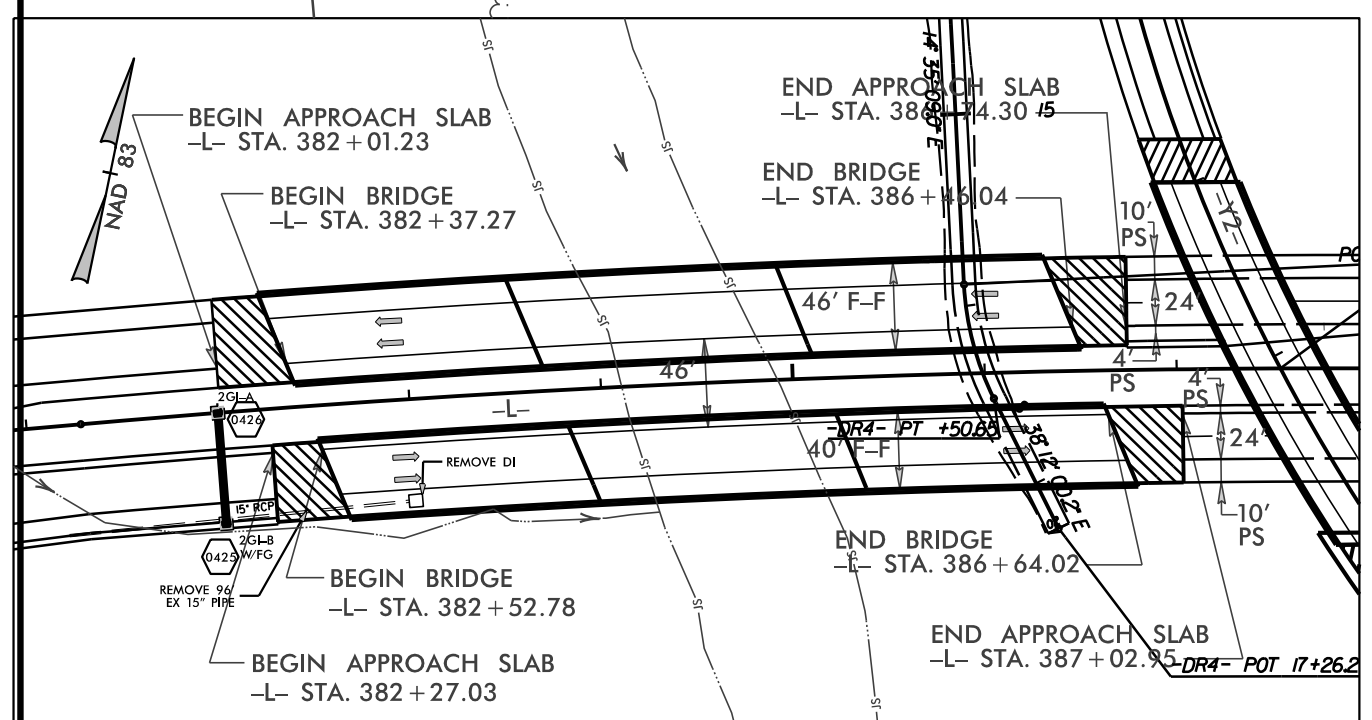
PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-44/CONST.04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 382+01 to Sta. 382+50 -L- RT
 Sta. 387+00 to Sta. 394+00 -L- LT
 Sta. 387+50 to 394+00 -L- RT
 Sta. 25+00 to 28+00 -Y2- RT
 Sta. 25+50 to 28+00 -Y2- LT
 Sta. 31+50 to 33+00 -Y2- LT
 Sta. 32+50 to 33+00 -Y2- RT

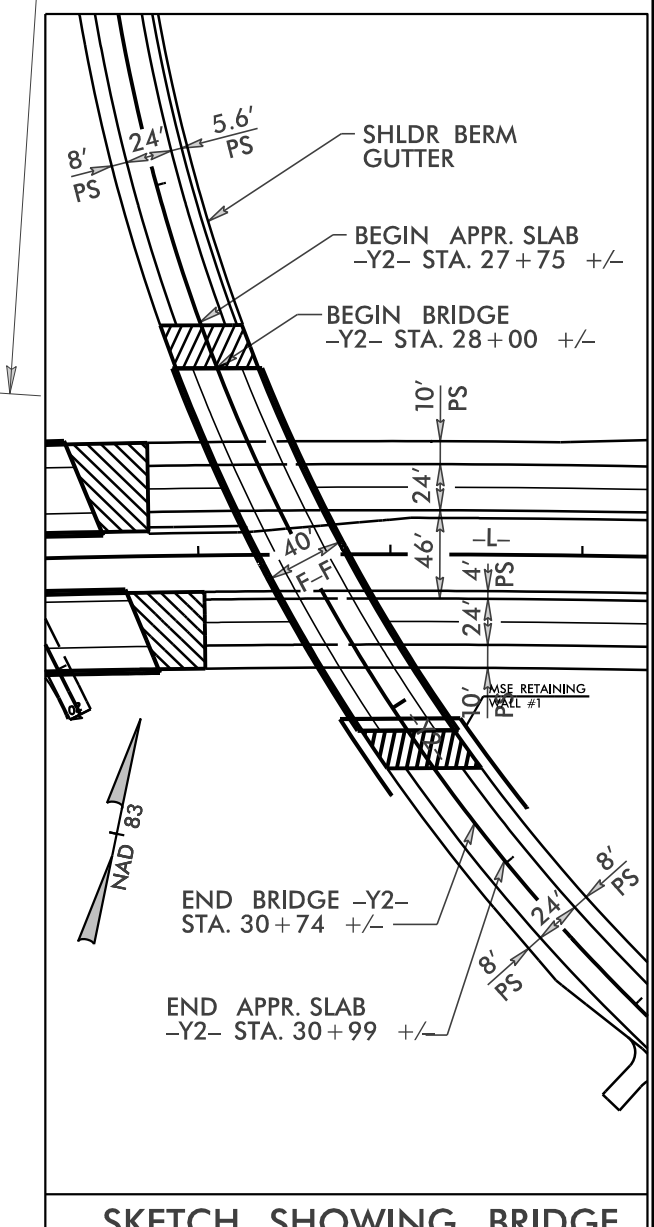


90 x 77 x 3
 2.5 inch Skimmer
 with 2.25 inch
 Orifice Diameter
 26 ft. weir
 ID 4.4

2.0 inch Skimmer
 with 2.0 inch
 Orifice Diameter
 ID 4.3



SKETCH SHOWING BRIDGE RELATIVE TO PROPOSED PAVEMENT



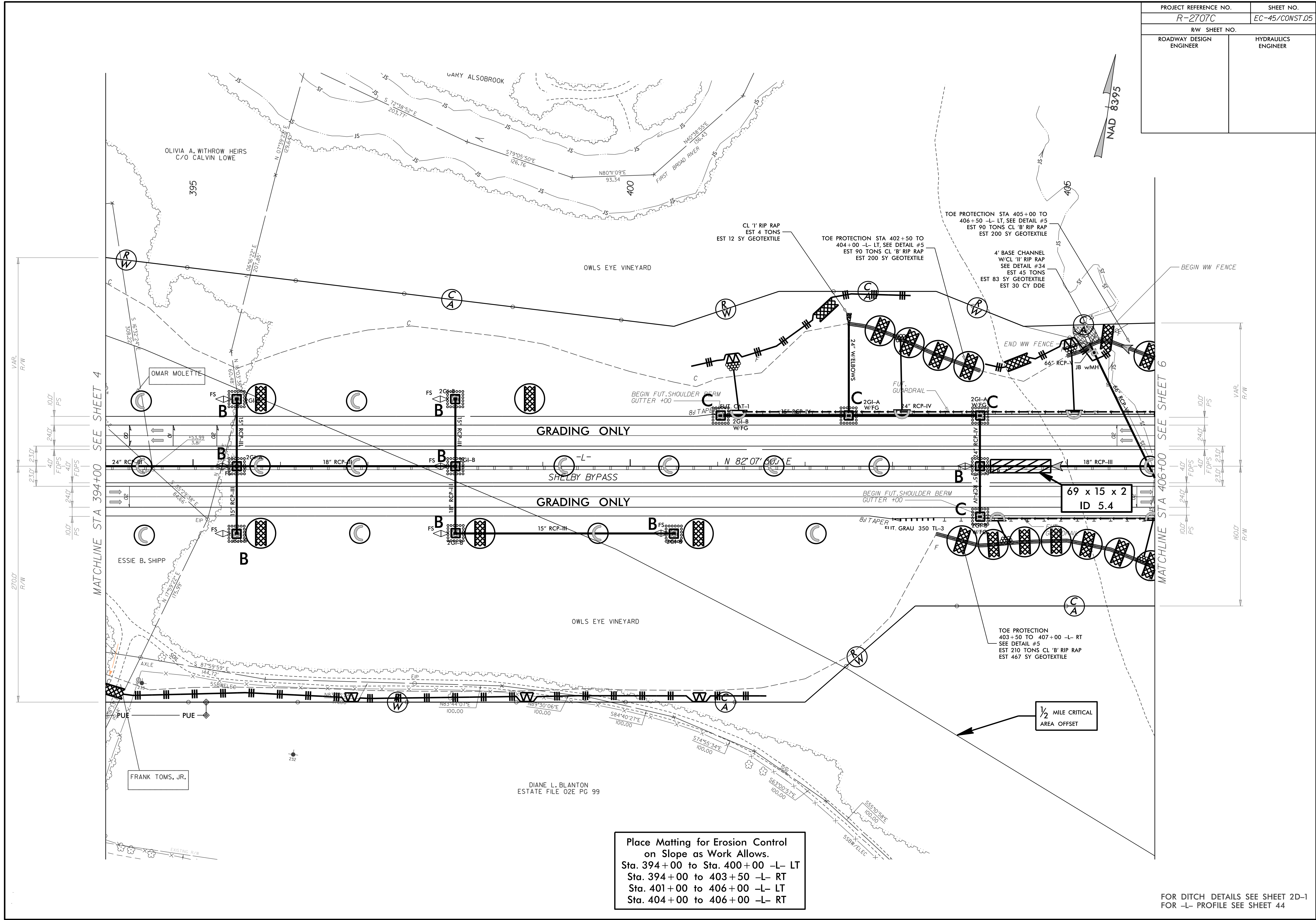
SKETCH SHOWING BRIDGE RELATIVE TO PROPOSED PAVEMENT

DESIGN EXCEPTION NEEDED FOR SIGHT DISTANCE ON -Y2-

FOR DITCH DETAILS SEE SHEET 2D-1
 FOR -L- PROFILE SEE SHEET 43
 FOR -Y2- PROFILE SEE SHEET 56

DIANE L. BLANTON
 ESTATE FILE 02E PG 99
 REF. DB 187 PG 364

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-45/CONST.05
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



Place Matting for Erosion Control
 on Slope as Work Allows.
 Sta. 394+00 to Sta. 400+00 -L- LT
 Sta. 394+00 to 403+50 -L- RT
 Sta. 401+00 to 406+00 -L- LT
 Sta. 404+00 to 406+00 -L- RT

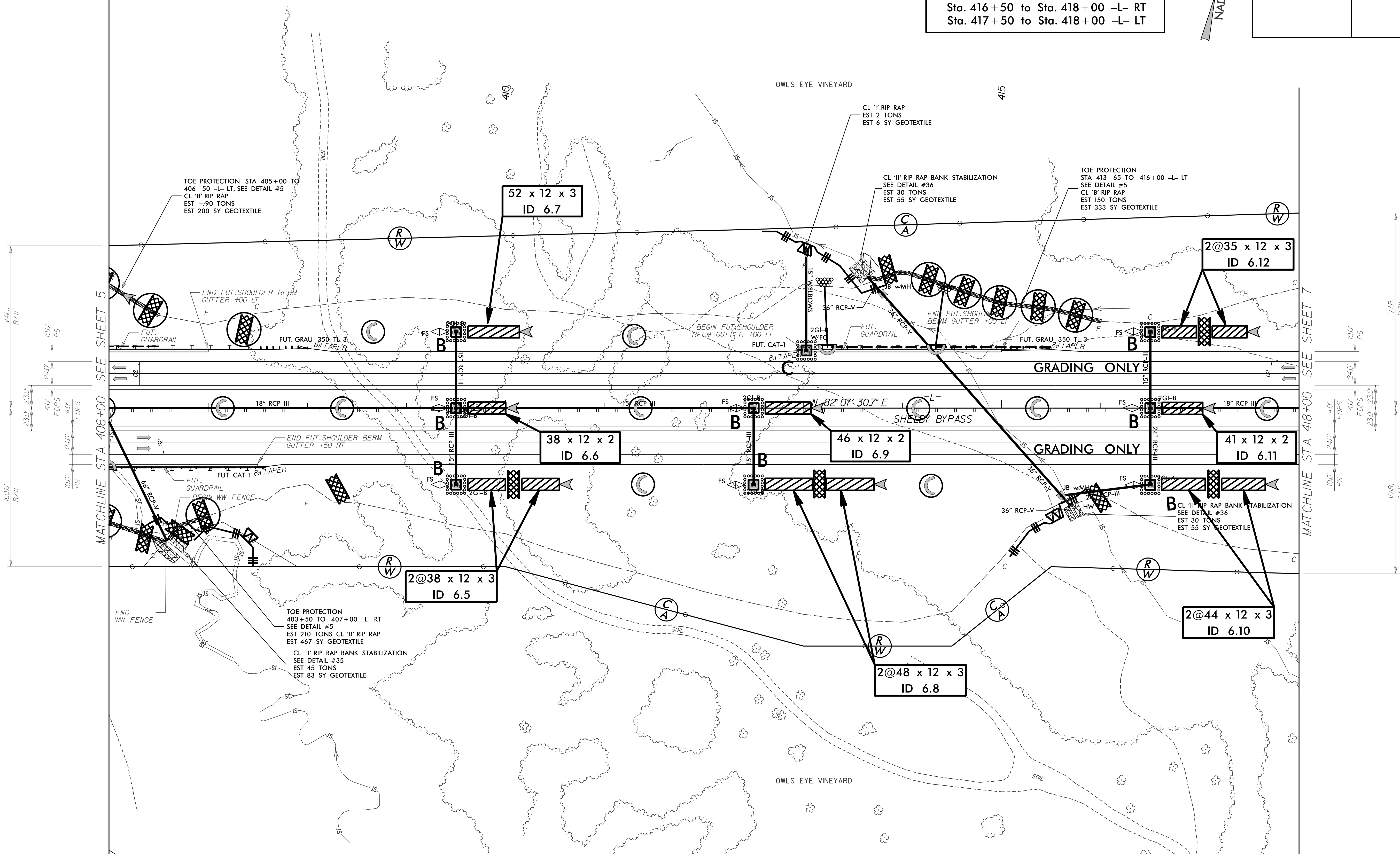
FOR DITCH DETAILS SEE SHEET 2D-1
 FOR -L- PROFILE SEE SHEET 44

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-46/CONST.06
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control
on Slope as Work Allows.

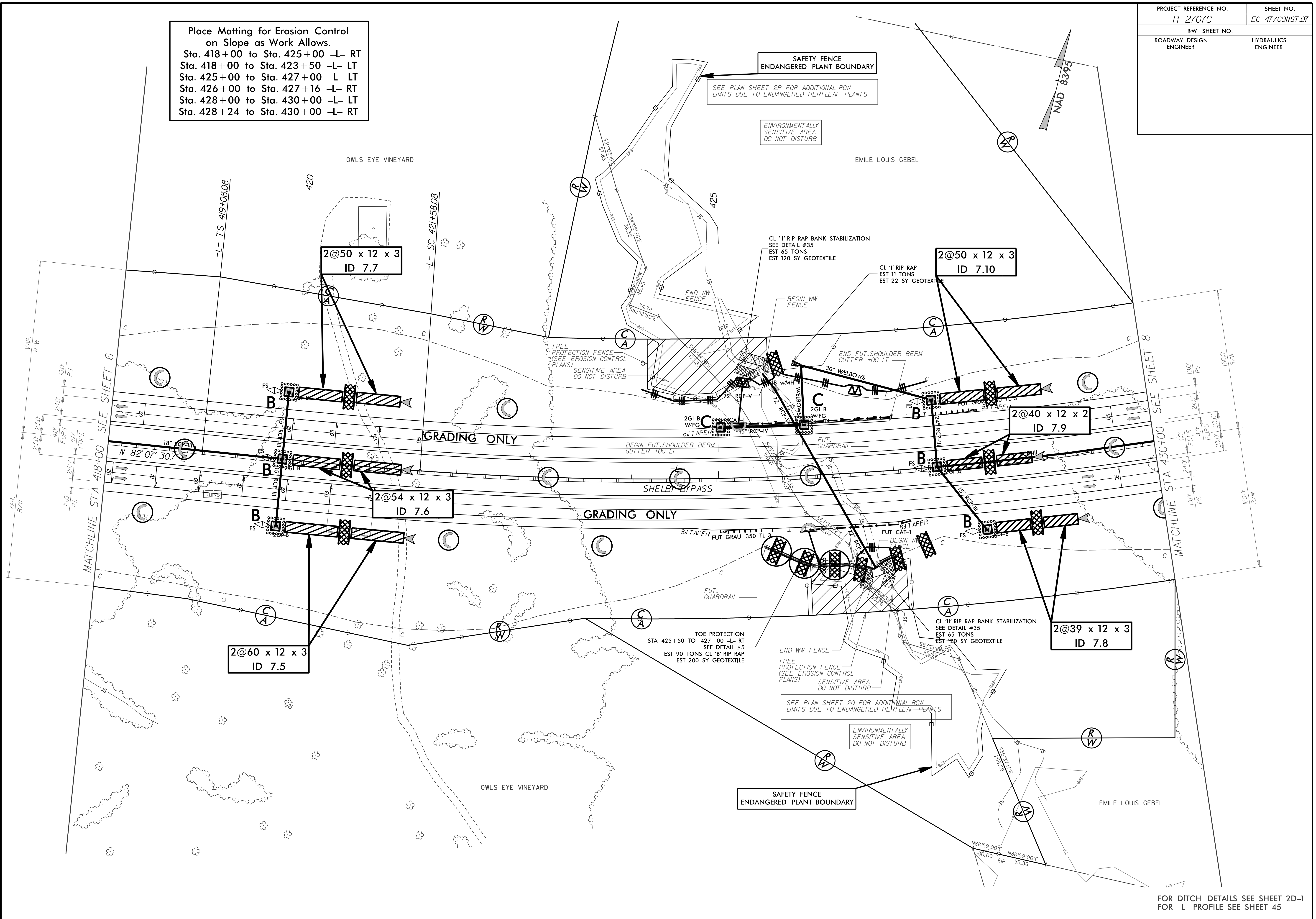
Sta. 406+00 to Sta. 406+50 -L- LT
Sta. 406+00 to Sta. 407+58.44 -L- RT
Sta. 407+74.44 to Sta. 410+00 -L- LT
Sta. 409+00 to Sta. 415+00 -L- RT
Sta. 413+00 to Sta. 415+50 -L- LT
Sta. 416+50 to Sta. 418+00 -L- RT
Sta. 417+50 to Sta. 418+00 -L- LT

NAD 8395



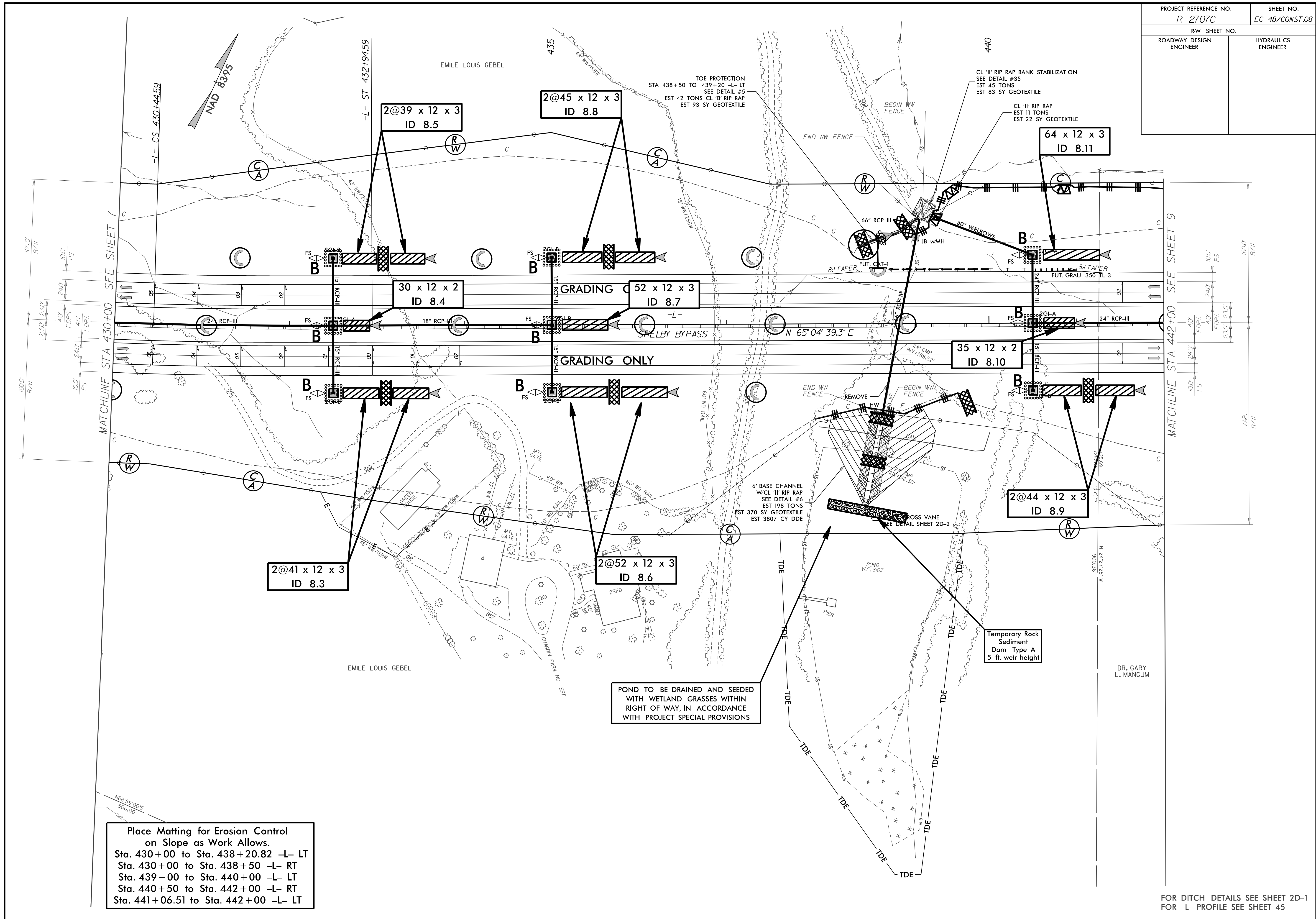
PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-47/CONST.07
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 418+00 to Sta. 425+00 -L- RT
 Sta. 418+00 to Sta. 423+50 -L- LT
 Sta. 425+00 to Sta. 427+00 -L- LT
 Sta. 426+00 to Sta. 427+16 -L- RT
 Sta. 428+00 to Sta. 430+00 -L- LT
 Sta. 428+24 to Sta. 430+00 -L- RT



FOR DITCH DETAILS SEE SHEET 2D-1
 FOR -L- PROFILE SEE SHEET 45

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-48/CONST.08
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

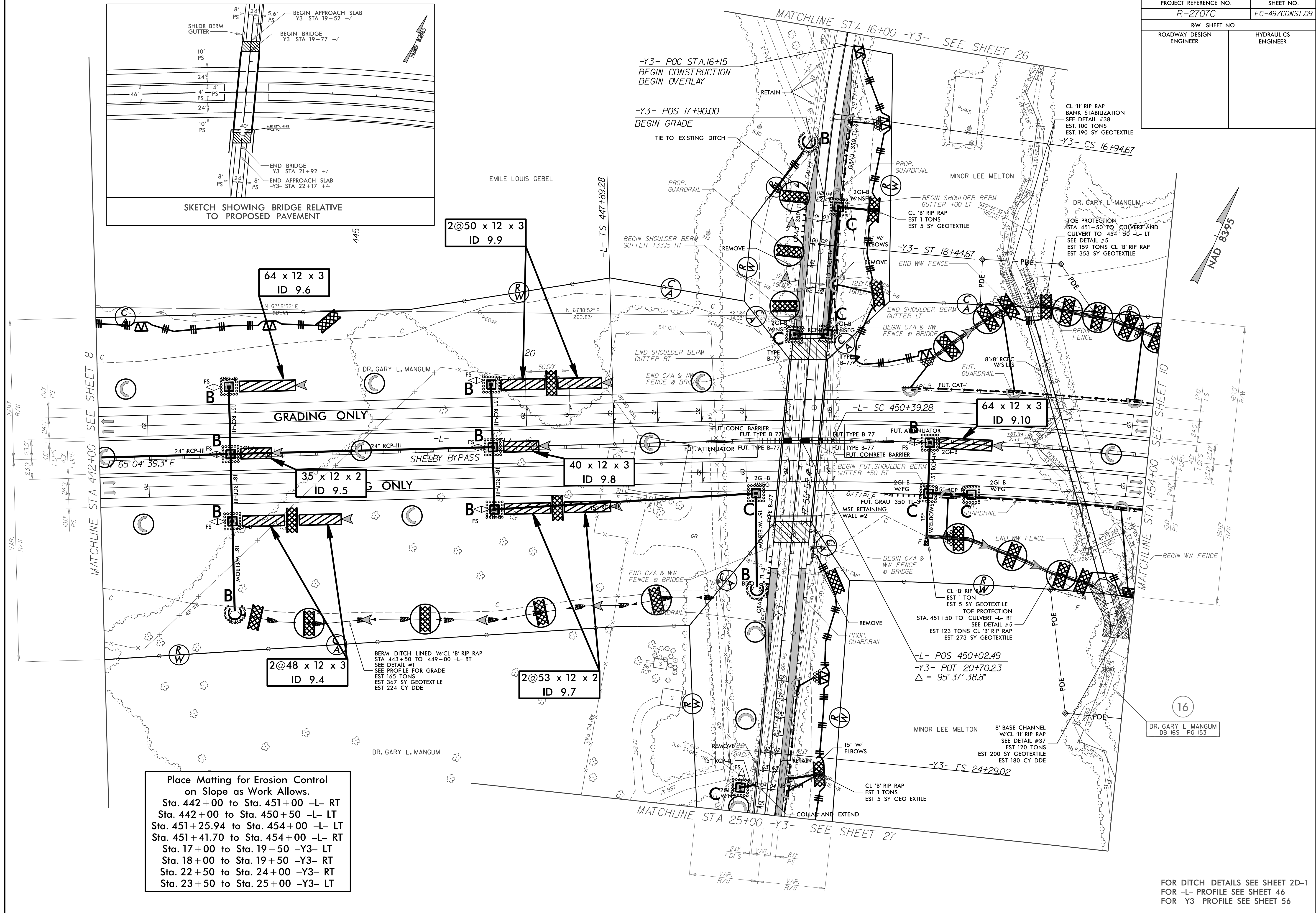
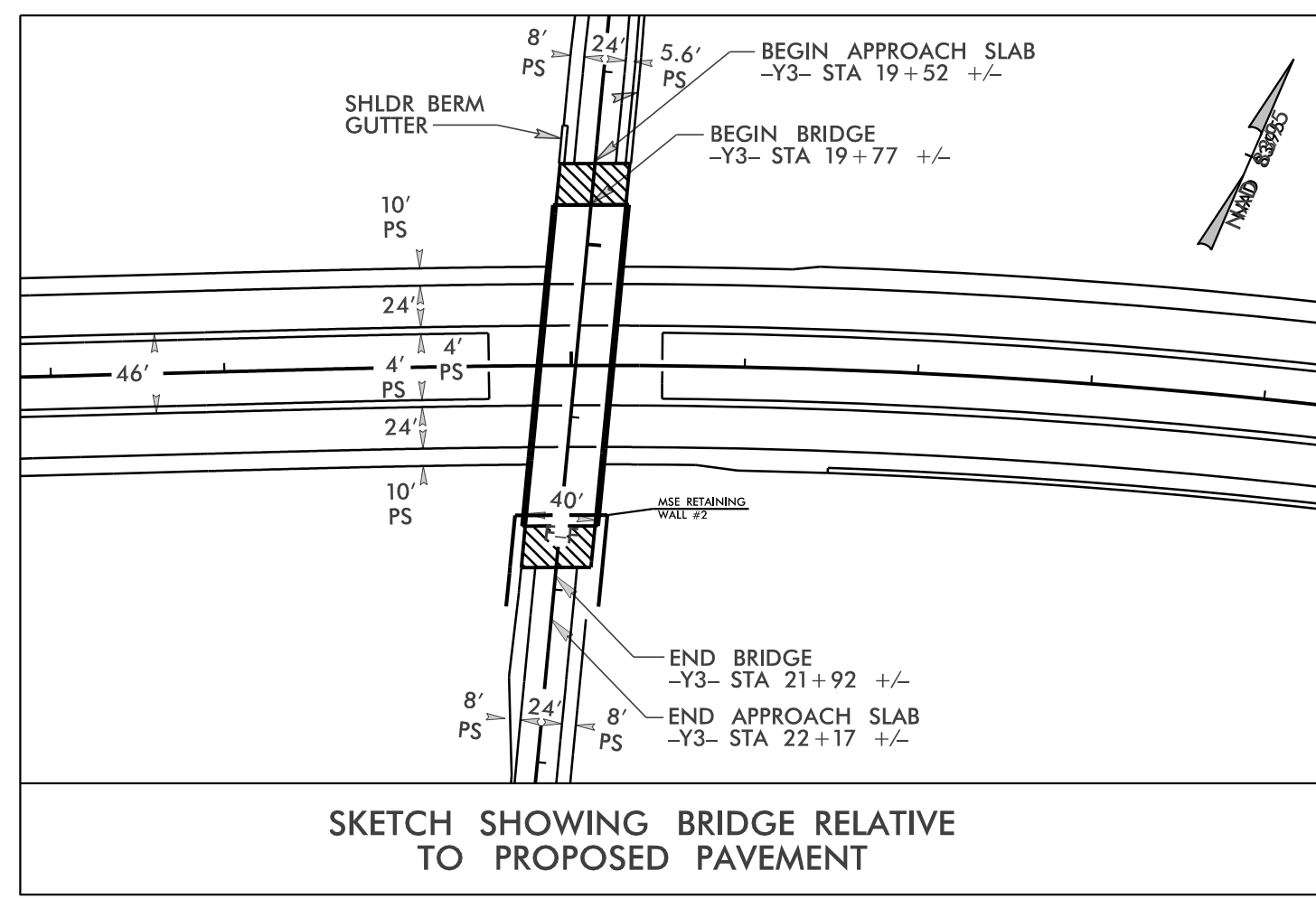


Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 430+00 to Sta. 438+20.82 -L- LT
 Sta. 430+00 to Sta. 438+50 -L- RT
 Sta. 439+00 to Sta. 440+00 -L- LT
 Sta. 440+50 to Sta. 442+00 -L- RT
 Sta. 441+06.51 to Sta. 442+00 -L- LT

POND TO BE DRAINED AND SEEDED WITH WETLAND GRASSES WITHIN RIGHT OF WAY, IN ACCORDANCE WITH PROJECT SPECIAL PROVISIONS

Temporary Rock Sediment Dam Type A 5 ft. weir height

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-49/CONST.09
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



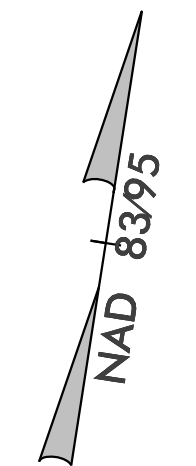
Place Matting for Erosion Control on Slope as Work Allows.

- Sta. 442+00 to Sta. 451+00 -L- RT
- Sta. 442+00 to Sta. 450+50 -L- LT
- Sta. 451+25.94 to Sta. 454+00 -L- LT
- Sta. 451+41.70 to Sta. 454+00 -L- RT
- Sta. 17+00 to Sta. 19+50 -Y3- LT
- Sta. 18+00 to Sta. 19+50 -Y3- RT
- Sta. 22+50 to Sta. 24+00 -Y3- RT
- Sta. 23+50 to Sta. 25+00 -Y3- LT

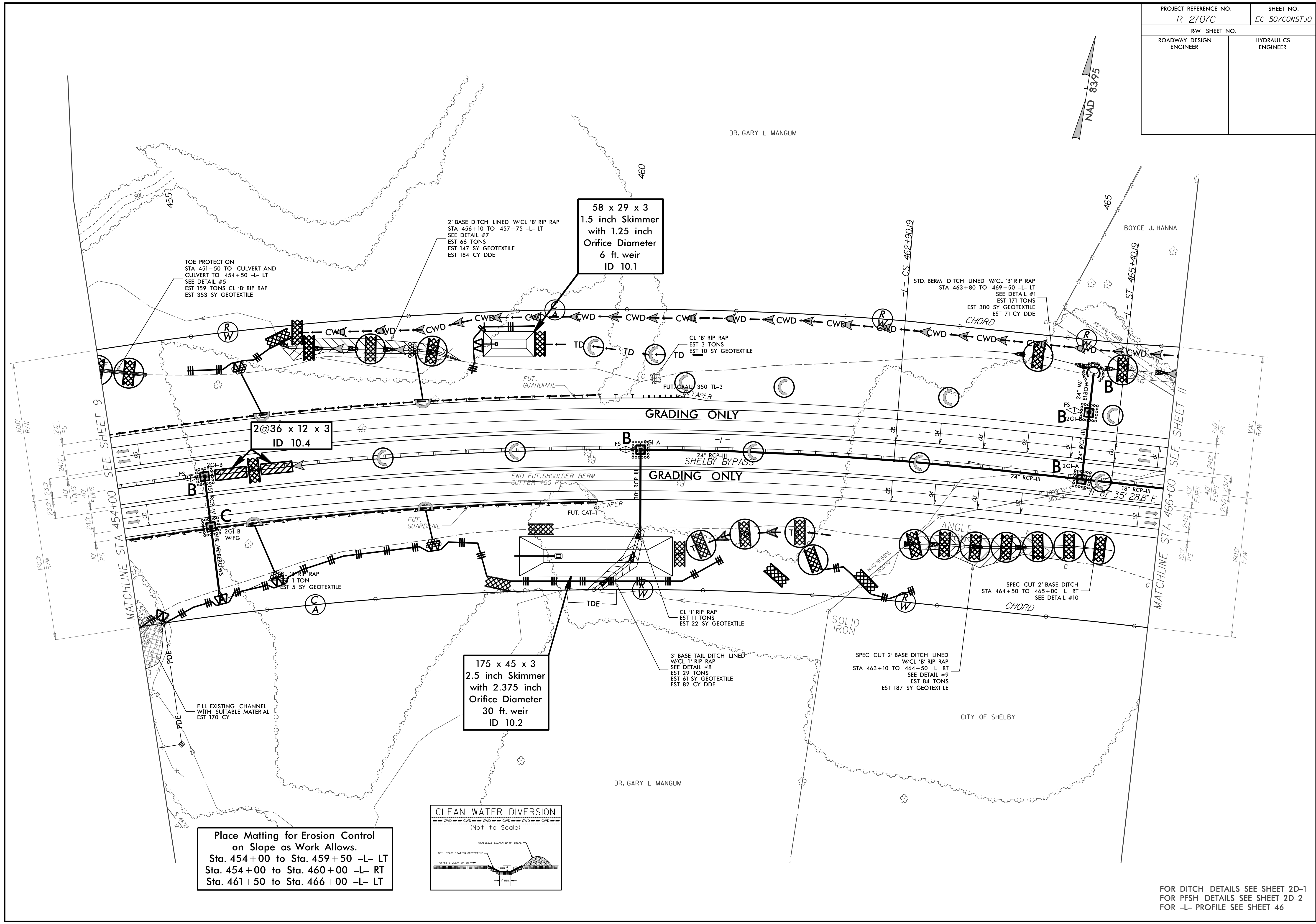
16
DR. GARY L. MANGUM
DB 165 PG 153

FOR DITCH DETAILS SEE SHEET 2D-1
FOR -L- PROFILE SEE SHEET 46
FOR -Y3- PROFILE SEE SHEET 56

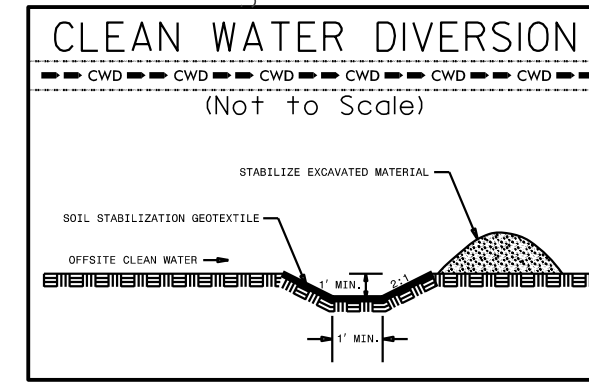
PROJECT REFERENCE NO. R-2707C	SHEET NO. EC-50/CONST.10
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



DR. GARY L. MANGUM

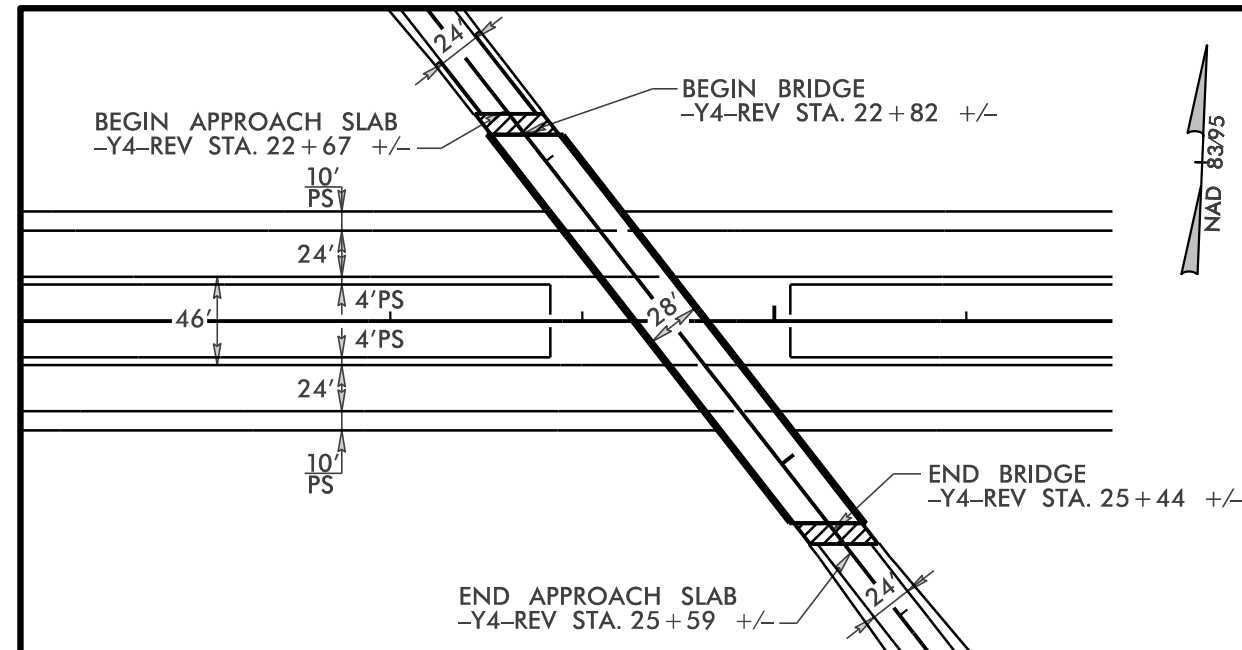


Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 454+00 to Sta. 459+50 -L- LT
 Sta. 454+00 to Sta. 460+00 -L- RT
 Sta. 461+50 to Sta. 466+00 -L- LT

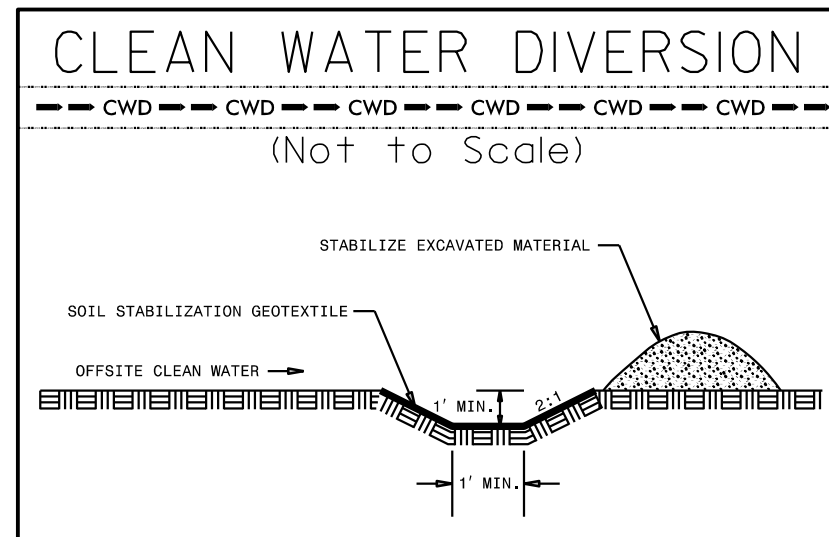


FOR DITCH DETAILS SEE SHEET 2D-1
 FOR PFSH DETAILS SEE SHEET 2D-2
 FOR -L- PROFILE SEE SHEET 46

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-51/CONST.II
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



SKETCH SHOWING BRIDGE RELATIVE TO PROPOSED PAVEMENT



22 x 44 x 3
1.5 inch Skimmer
with 0.875 inch
Orifice Diameter
4 ft. weir
ID 11.1

62 x 31 x 3
1.5 inch Skimmer
with 1.5 inch
Orifice Diameter
14 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 11.3

Modified Silt Basin
Type 'B'
62 x 31 x 3
14 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 11.3

72 x 12 x 3
ID 11.8

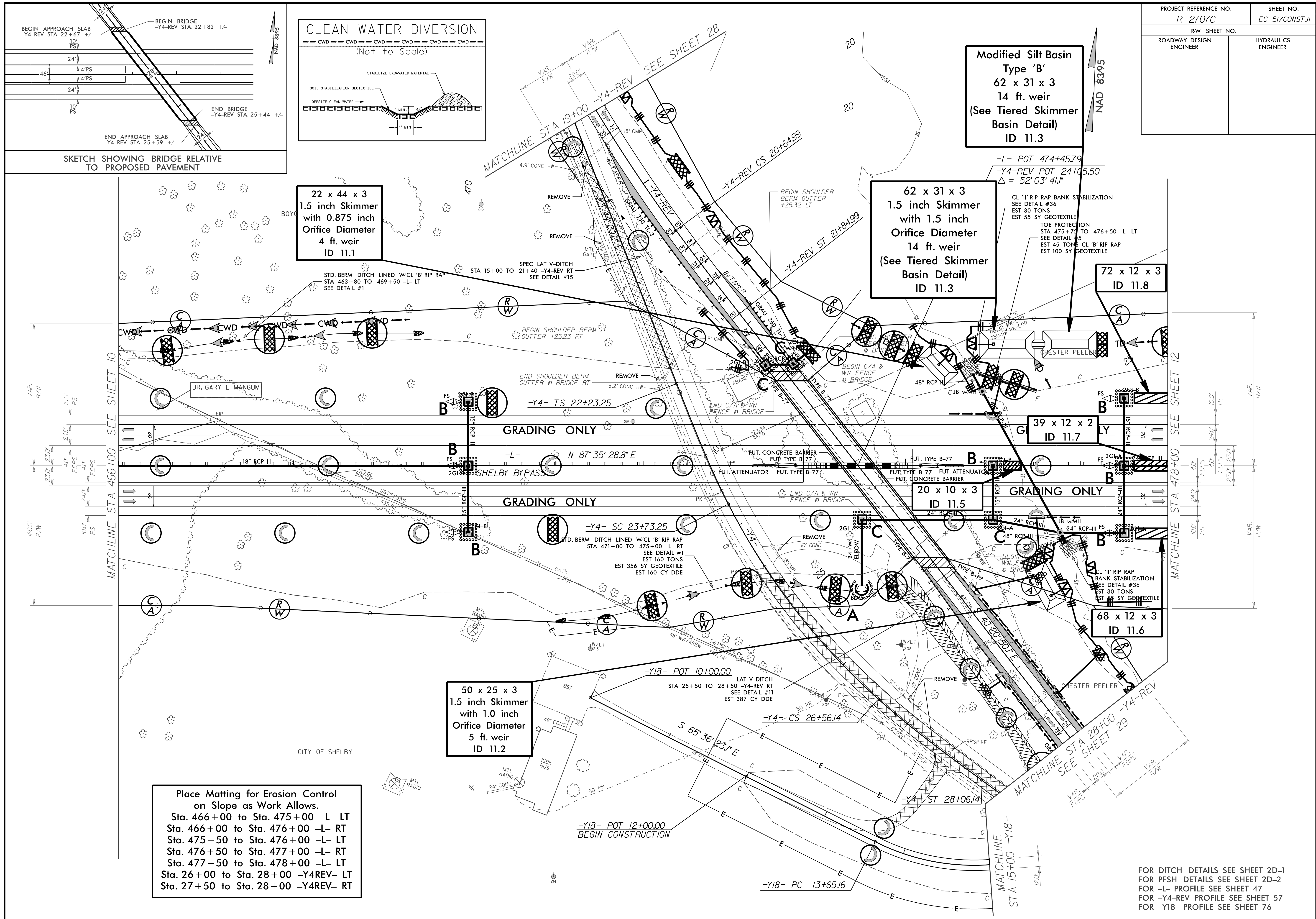
39 x 12 x 2
ID 11.7

20 x 10 x 3
ID 11.5

68 x 12 x 3
ID 11.6

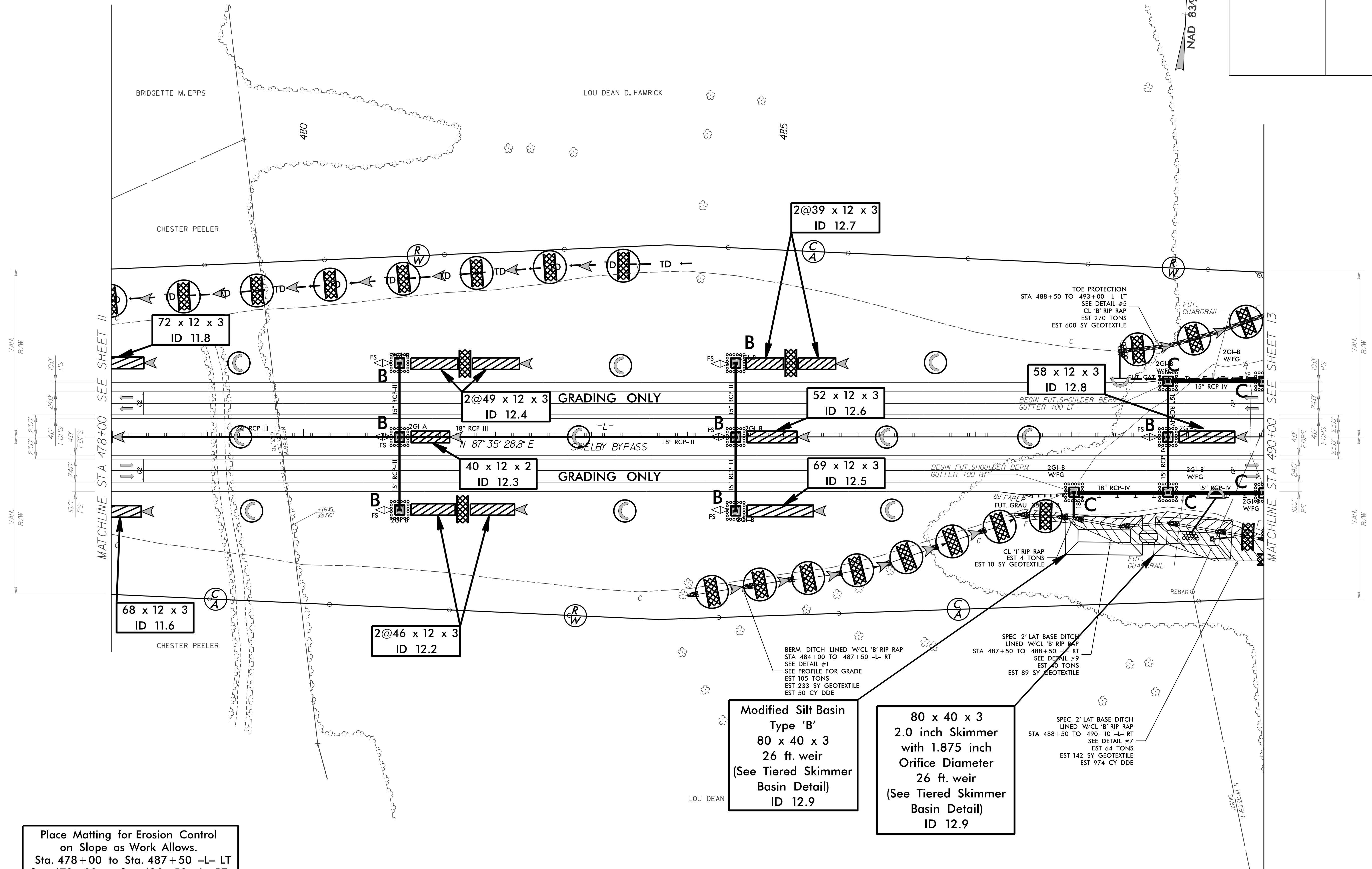
50 x 25 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
5 ft. weir
ID 11.2

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 466+00 to Sta. 475+00 -L- LT
Sta. 466+00 to Sta. 476+00 -L- RT
Sta. 475+50 to Sta. 476+00 -L- LT
Sta. 476+50 to Sta. 477+00 -L- RT
Sta. 477+50 to Sta. 478+00 -L- LT
Sta. 26+00 to Sta. 28+00 -Y4REV- LT
Sta. 27+50 to Sta. 28+00 -Y4REV- RT



FOR DITCH DETAILS SEE SHEET 2D-1
FOR PFSH DETAILS SEE SHEET 2D-2
FOR -L- PROFILE SEE SHEET 47
FOR -Y4-REV PROFILE SEE SHEET 57
FOR -Y18- PROFILE SEE SHEET 76

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-52/CONST.12
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

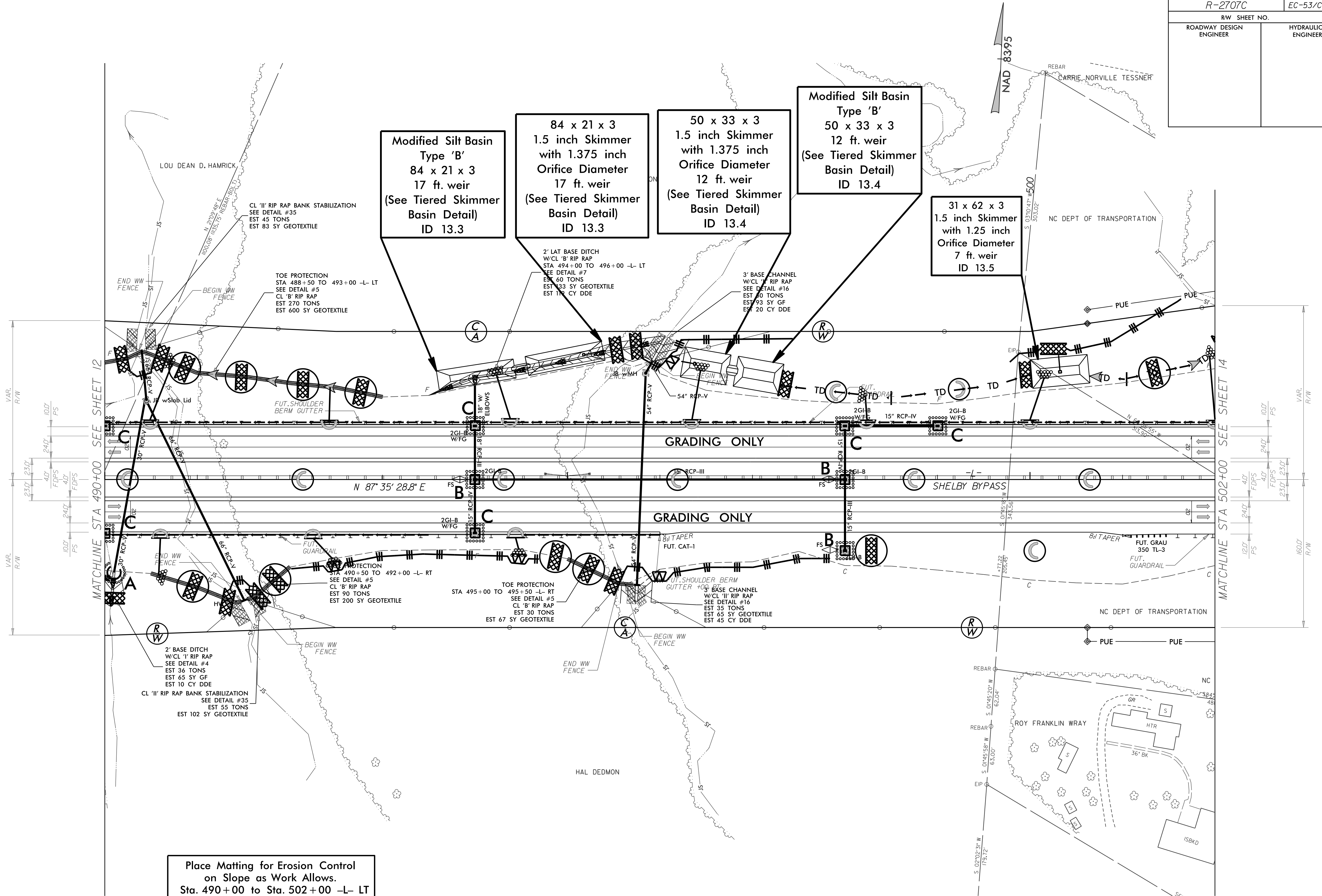


Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 478+00 to Sta. 487+50 -L- LT
 Sta. 478+00 to Sta. 486+50 -L- RT
 Sta. 488+50 to Sta. 490+00 -L- LT
 Sta. 489+50 to Sta. 490+00 -L- RT

Modified Silt Basin
 Type 'B'
 80 x 40 x 3
 26 ft. weir
 (See Tiered Skimmer Basin Detail)
 ID 12.9

80 x 40 x 3
 2.0 inch Skimmer
 with 1.875 inch
 Orifice Diameter
 26 ft. weir
 (See Tiered Skimmer Basin Detail)
 ID 12.9

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-53/CONST.13
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



**Modified Silt Basin
Type 'B'
84 x 21 x 3
17 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 13.3**

**84 x 21 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
17 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 13.3**

**50 x 33 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
12 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 13.4**

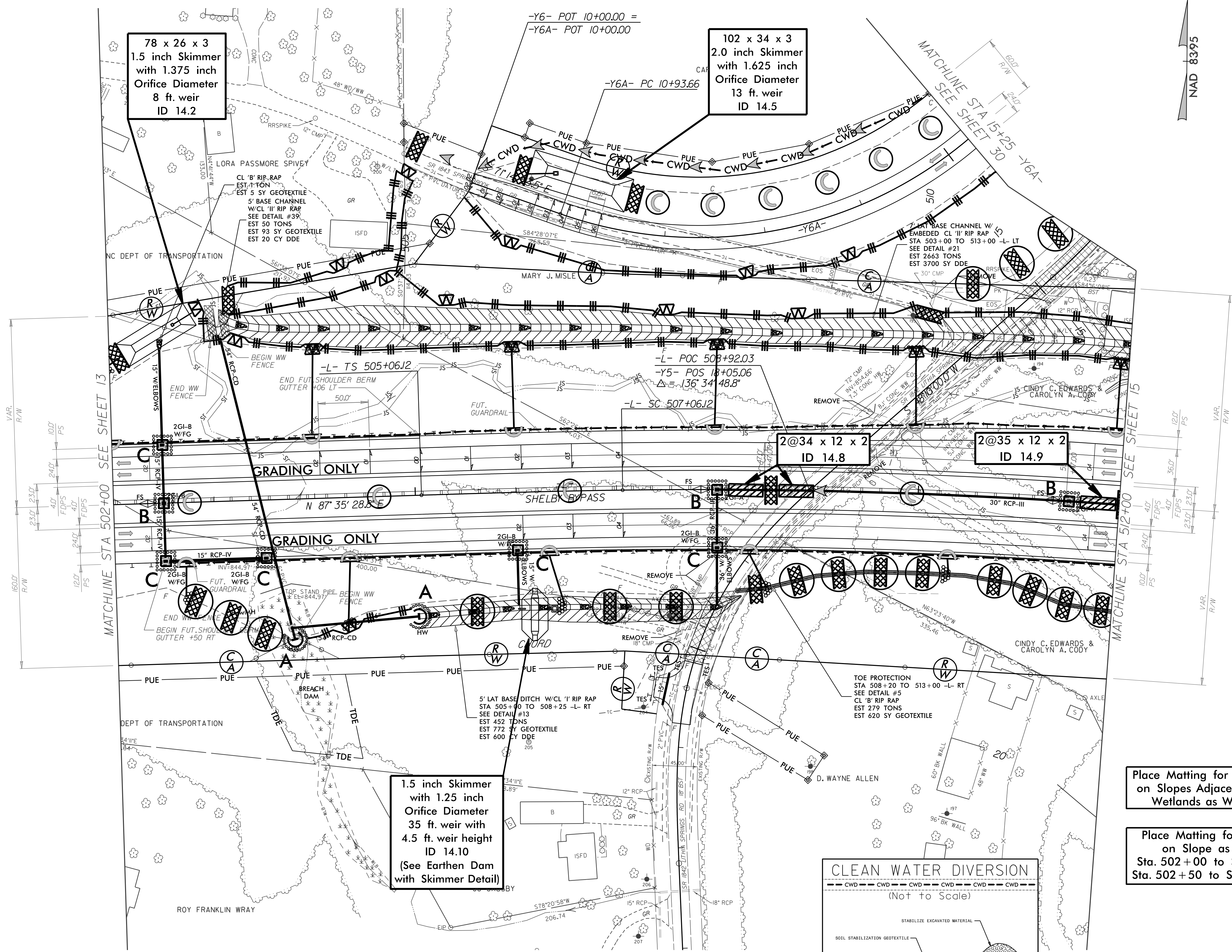
**Modified Silt Basin
Type 'B'
50 x 33 x 3
12 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 13.4**

**31 x 62 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
7 ft. weir
ID 13.5**

**Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 490+00 to Sta. 502+00 -L- LT
Sta. 490+00 to Sta. 496+50 -L- RT
Sta. 499+50 to Sta. 501+50 -L- RT**

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-54/CONST.14
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

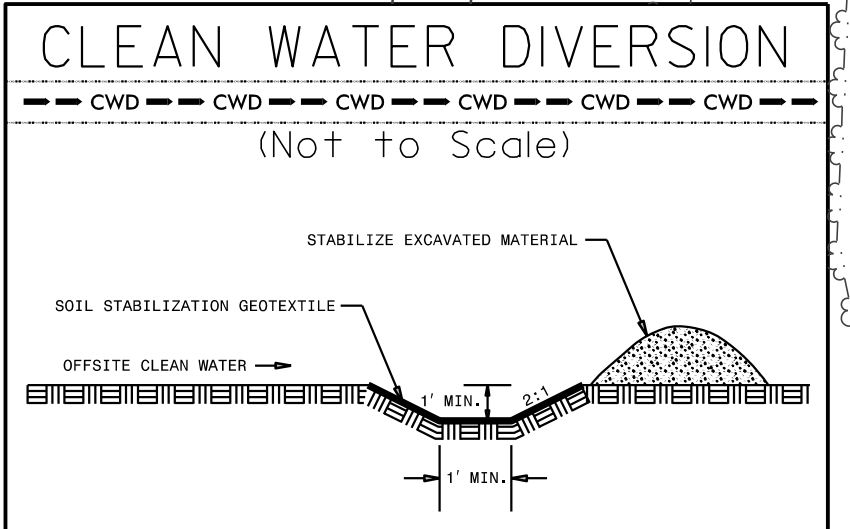
NAD 83/95



78 x 26 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
8 ft. weir
ID 14.2

102 x 34 x 3
2.0 inch Skimmer
with 1.625 inch
Orifice Diameter
13 ft. weir
ID 14.5

1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
35 ft. weir with
4.5 ft. weir height
ID 14.10
(See Earthen Dam
with Skimmer Detail)

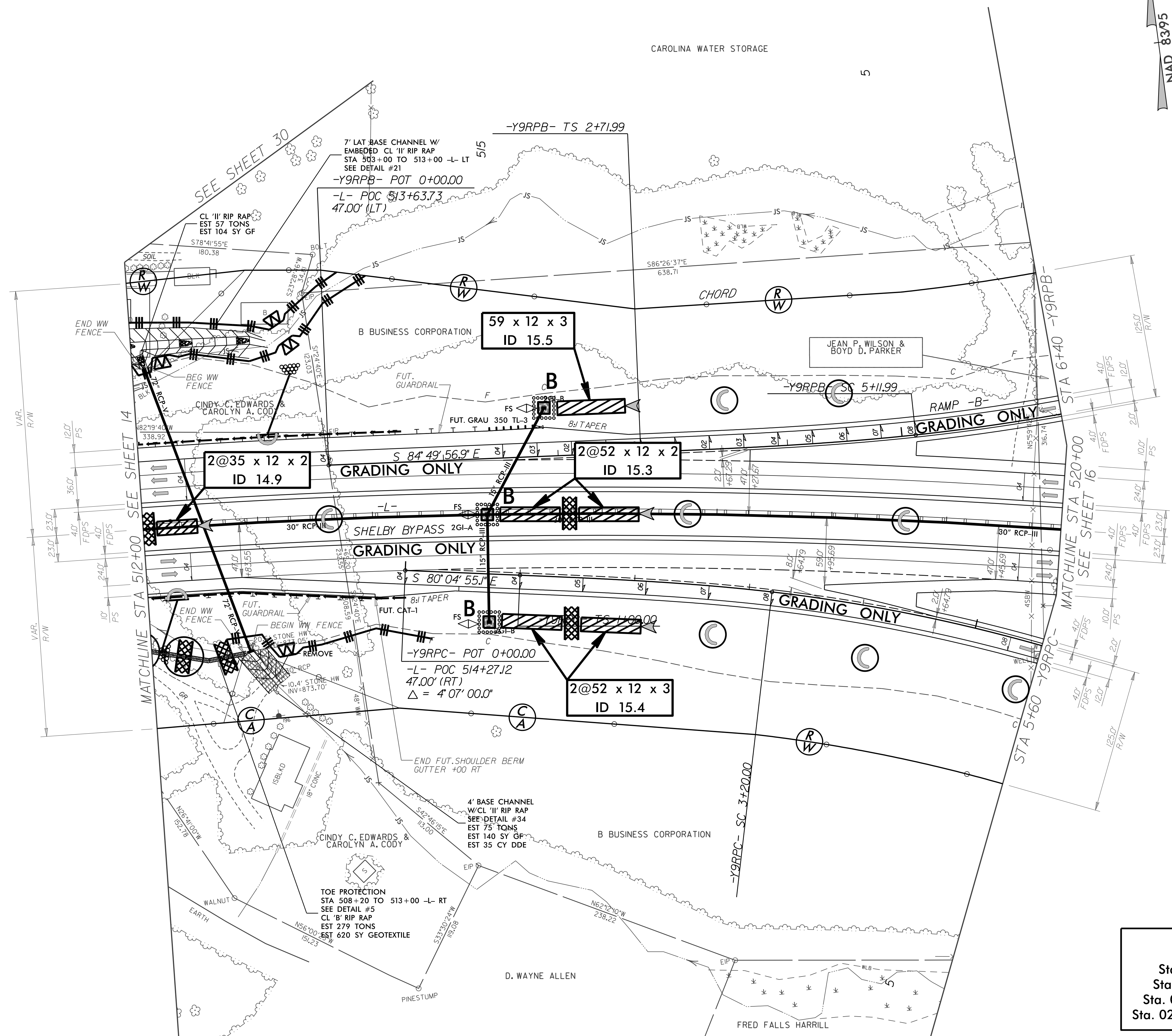
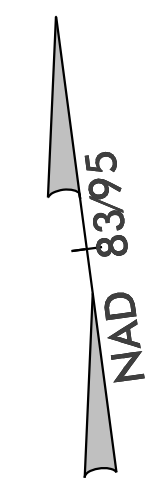


Place Matting for Erosion Control
on Slopes Adjacent to Permitted
Wetlands as Work Allows.

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 502+00 to Sta. 512+00 -L- LT
Sta. 502+50 to Sta. 512+00 -L- RT

FOR DITCH DETAILS SEE SHEET 2D-1
FOR PFSH DETAILS SEE SHEET 2D-2
FOR -L- PROFILE SEE SHEET 48
FOR -Y6A- PROFILE SEE SHEET 58

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-55/CONST.15
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

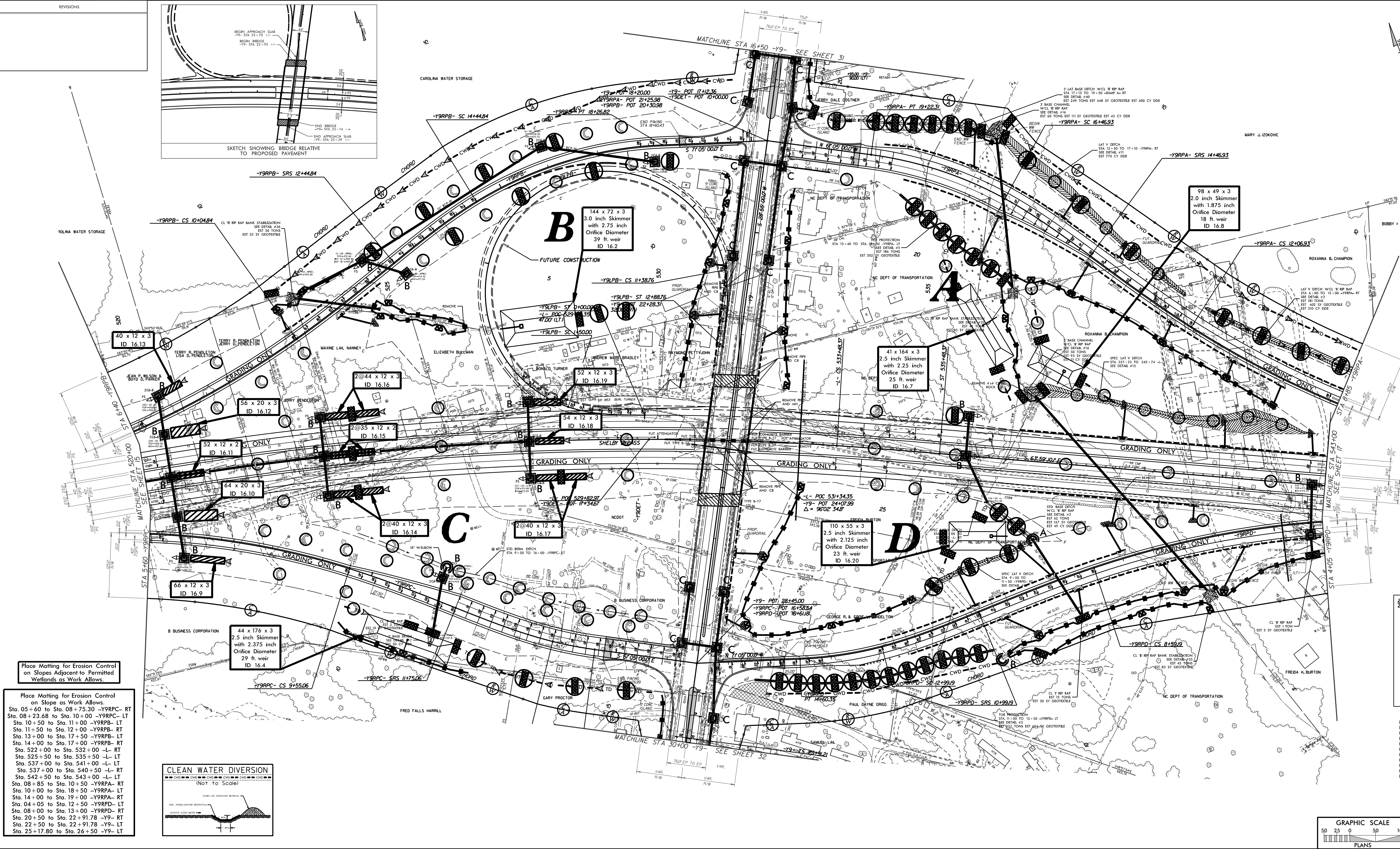
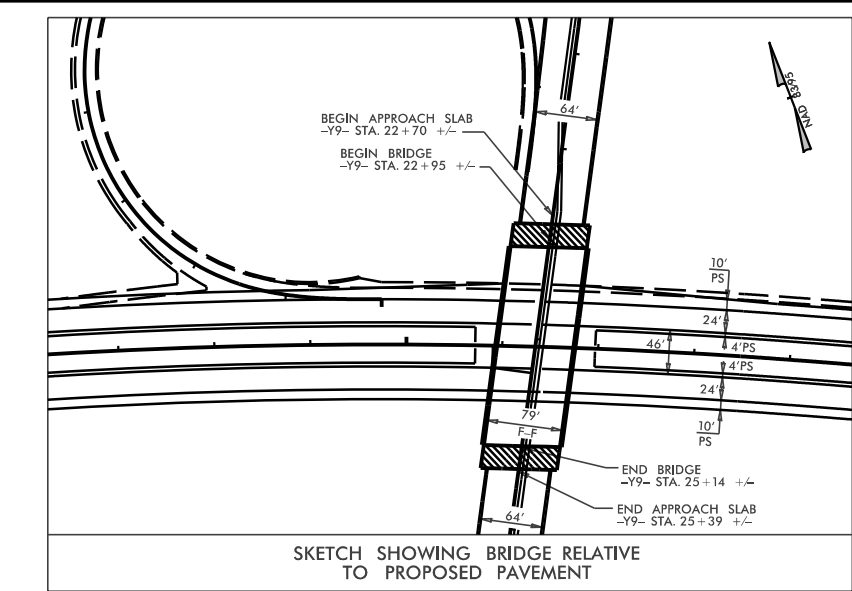


Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 512+00 to Sta. 514+27.12 -L- LT
 Sta. 512+00 to Sta. 514+27.12 -L- RT
 Sta. 01+94.14 to Sta. 05+60 -Y9RPC- RT
 Sta. 02+88.86 to Sta. 03+39.42 -Y9RPB- LT

FOR DITCH DETAILS SEE SHEET 2D-1
 FOR -L- PROFILE SEE SHEET 49
 FOR -Y9RPB- PROFILE SEE SHEET 62
 FOR -Y9RPC- PROFILE SEE SHEET 63

PROJECT REFERENCE NO.	R-2707C	SHEET NO.	EC-56/CONST-6
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

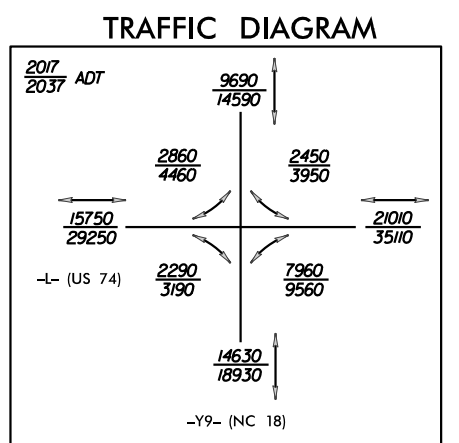
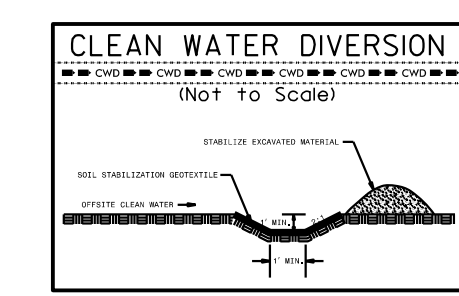
REVISIONS



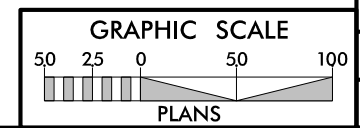
Place Matting for Erosion Control on Slopes Adjacent to Permitted Wetlands as Work Allows.

Place Matting for Erosion Control on Slopes as Work Allows.

Sta. 05+60 to Sta. 08+75.30 -Y9RPC-RT
 Sta. 08+23.68 to Sta. 10+00 -Y9RPC-LT
 Sta. 10+50 to Sta. 11+00 -Y9RPB-LT
 Sta. 11+50 to Sta. 12+00 -Y9RPA-RT
 Sta. 13+00 to Sta. 17+50 -Y9RPB-LT
 Sta. 14+00 to Sta. 17+00 -Y9RPB-RT
 Sta. 522+00 to Sta. 532+00 -L-RT
 Sta. 525+50 to Sta. 535+50 -L-LT
 Sta. 537+00 to Sta. 541+00 -L-LT
 Sta. 537+00 to Sta. 540+50 -L-RT
 Sta. 542+50 to Sta. 543+00 -L-LT
 Sta. 08+85 to Sta. 10+50 -Y9RPA-RT
 Sta. 10+00 to Sta. 18+50 -Y9RPA-LT
 Sta. 14+00 to Sta. 19+00 -Y9RPA-RT
 Sta. 04+05 to Sta. 12+50 -Y9RPD-LT
 Sta. 08+00 to Sta. 13+00 -Y9RPD-RT
 Sta. 20+50 to Sta. 22+91.78 -Y9-RT
 Sta. 22+50 to Sta. 22+91.78 -Y9-LT
 Sta. 25+17.80 to Sta. 26+50 -Y9-LT



FOR -Y9- DETOUR DETAILS SEE SHEETS 2B-1 & 2B-2
 FOR INTERSECTION DETAILS SEE SHEETS 2B-3 & 2B-4
 FOR DITCH DETAILS SEE SHEET 2D-1
 FOR FISH DETAILS SEE SHEET 2D-2
 FOR -L- PROFILE SEE SHEET 50
 FOR -Y9- PROFILE SEE SHEET 60
 FOR -Y9RPA- PROFILE SEE SHEET 61
 FOR -Y9RPB- PROFILE SEE SHEET 62
 FOR -Y9RPC- PROFILE SEE SHEET 63
 FOR -Y9RPD- PROFILE SEE SHEET 64
 FOR -Y9LPB- PROFILE SEE SHEET 65



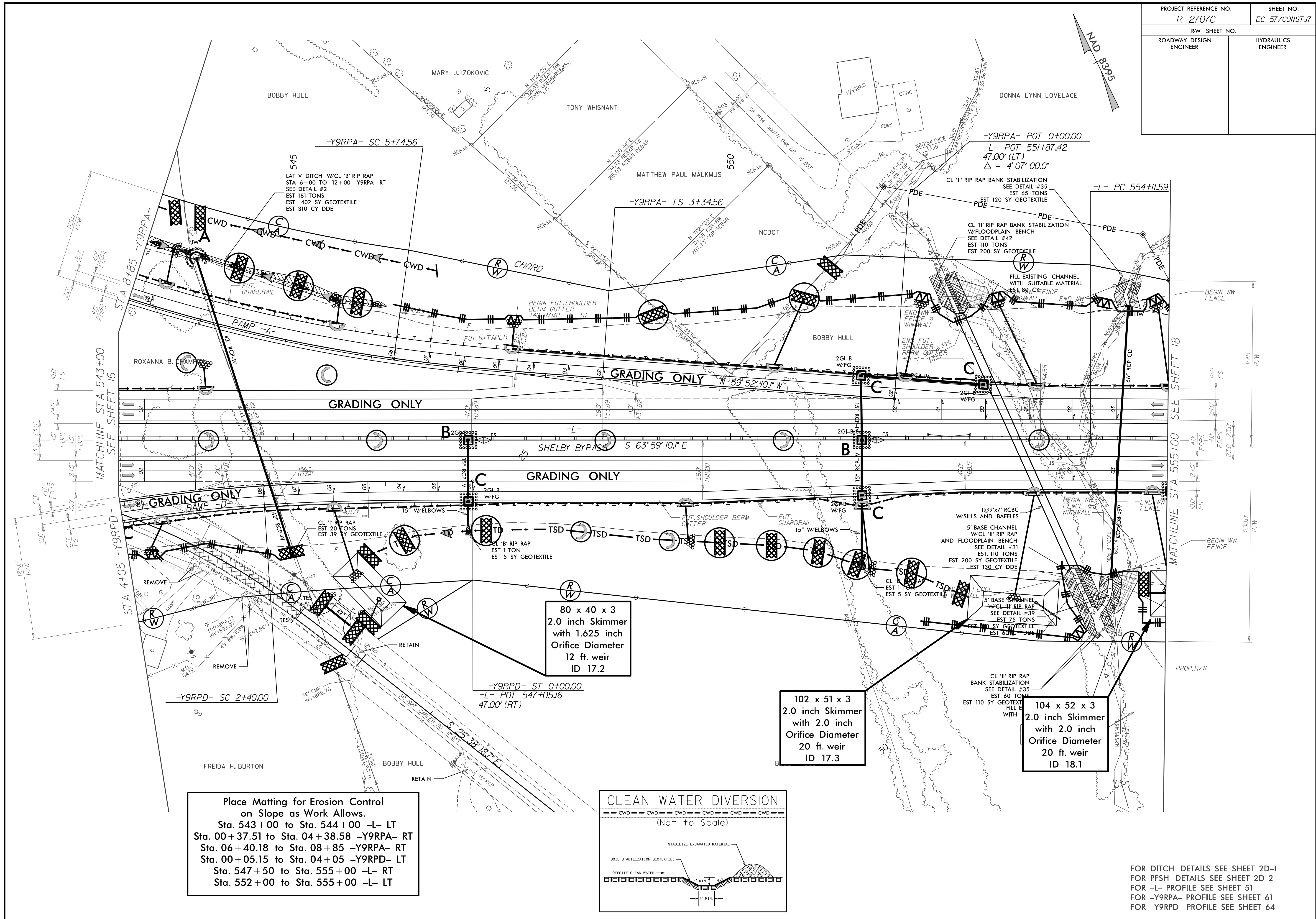
LOCATION: INTERCHANGE AT
 -L- US 74 BYPASS
 AND -Y9- NC 18

TP NO. R-2707C COUNTY: CLEVELAND

DESIGNED BY: T. HUFFMAN

CHECKED BY: T. REID DATE: 12/13/12

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-57/CONST.17
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

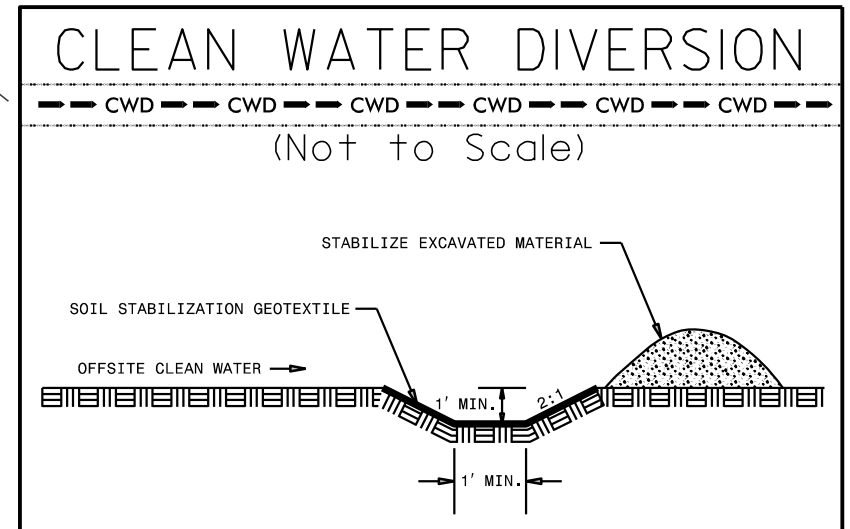


Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 543+00 to Sta. 544+00 -L- LT
 Sta. 00+37.51 to Sta. 04+38.58 -Y9RPA- RT
 Sta. 06+40.18 to Sta. 08+85 -Y9RPA- RT
 Sta. 00+05.15 to Sta. 04+05 -Y9RPD- LT
 Sta. 547+50 to Sta. 555+00 -L- RT
 Sta. 552+00 to Sta. 555+00 -L- LT

80 x 40 x 3
 2.0 inch Skimmer
 with 1.625 inch
 Orifice Diameter
 12 ft. weir
 ID 17.2

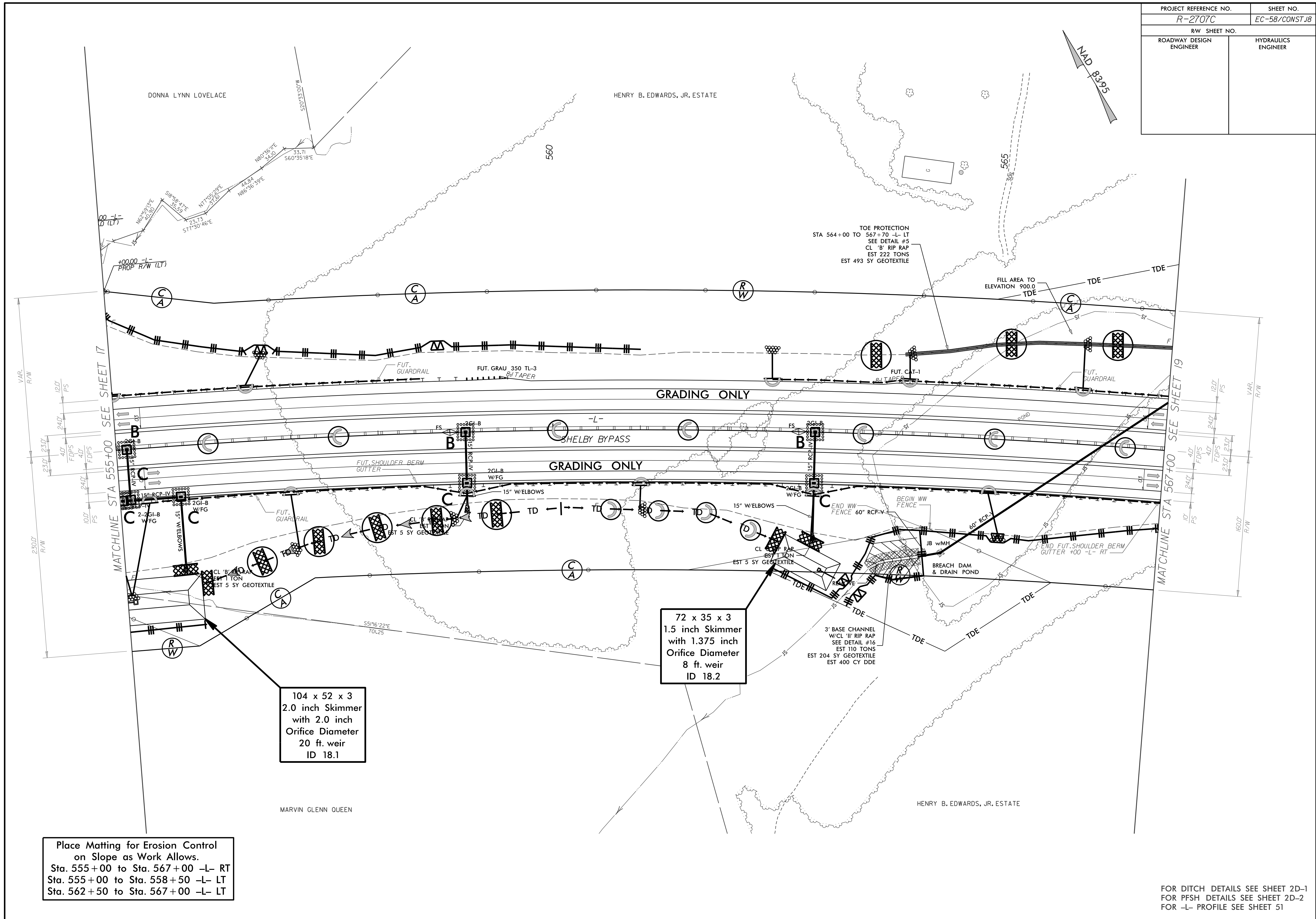
102 x 51 x 3
 2.0 inch Skimmer
 with 2.0 inch
 Orifice Diameter
 20 ft. weir
 ID 17.3

104 x 52 x 3
 2.0 inch Skimmer
 with 2.0 inch
 Orifice Diameter
 20 ft. weir
 ID 18.1



FOR DITCH DETAILS SEE SHEET 2D-1
 FOR PFSH DETAILS SEE SHEET 2D-2
 FOR -L- PROFILE SEE SHEET 51
 FOR -Y9RPA- PROFILE SEE SHEET 61
 FOR -Y9RPD- PROFILE SEE SHEET 64

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-58/CONST.18
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



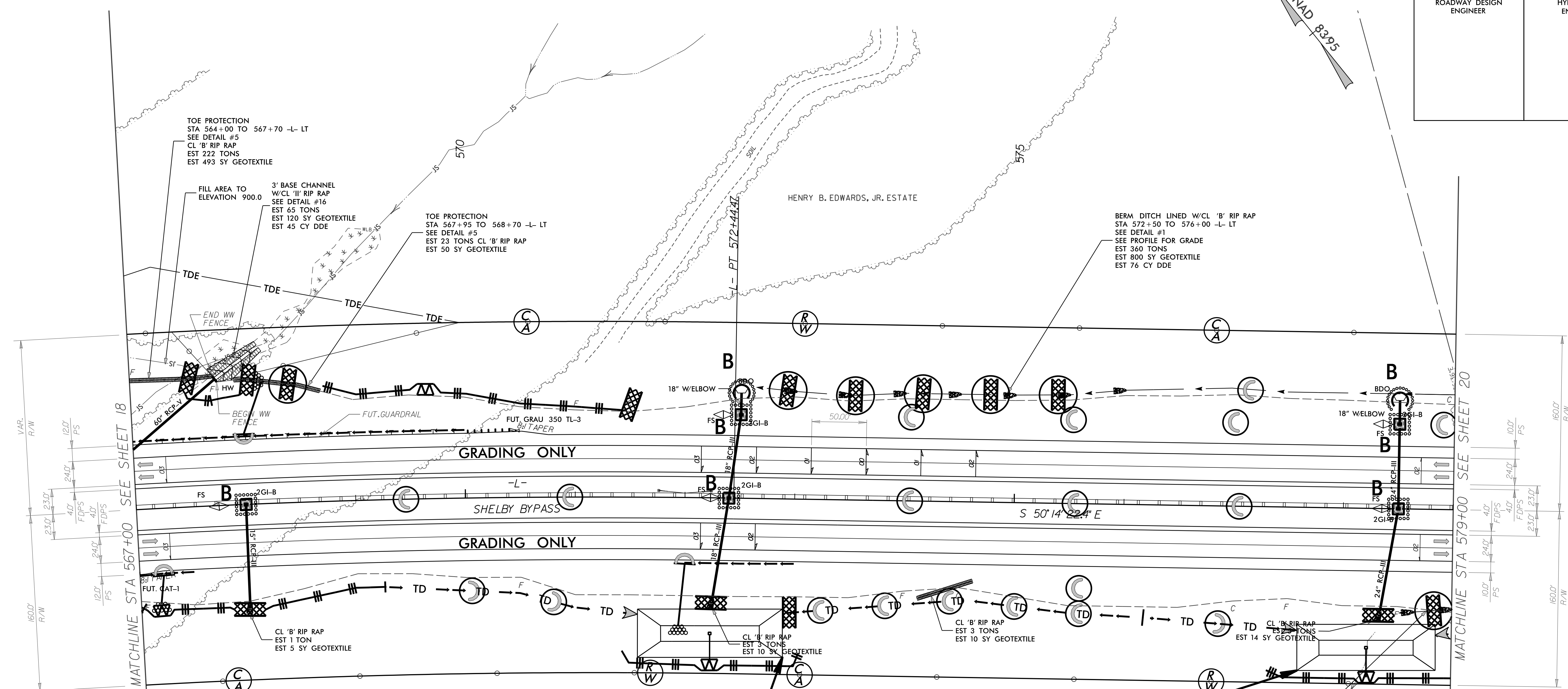
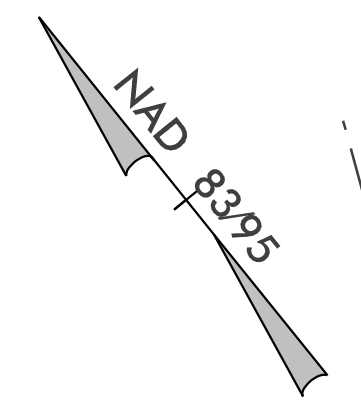
Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 555+00 to Sta. 567+00 -L- RT
Sta. 555+00 to Sta. 558+50 -L- LT
Sta. 562+50 to Sta. 567+00 -L- LT

104 x 52 x 3
2.0 inch Skimmer
with 2.0 inch
Orifice Diameter
20 ft. weir
ID 18.1

72 x 35 x 3
1.5 inch Skimmer
with 1.375 inch
Orifice Diameter
8 ft. weir
ID 18.2

FOR DITCH DETAILS SEE SHEET 2D-1
FOR PFSH DETAILS SEE SHEET 2D-2
FOR -L- PROFILE SEE SHEET 51

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-59/CONST.19
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



VAR. R/W 160.0'
 12.0' PS
 2.40' FDPS
 4.0' PS
 2.30' PS
 12.0' PS
 2.40' FDPS
 4.0' PS
 2.30' PS
 160.0' R/W

160.0' R/W
 10.0' PS
 2.40' FDPS
 4.0' PS
 2.30' PS
 160.0' R/W

Place Matting for Erosion Control
 on Slopes Adjacent to Permitted
 Wetlands as Work Allows.

Place Matting for Erosion Control
 on Slope as Work Allows.
 Sta. 567+00 to Sta. 567+50 -L- RT
 Sta. 567+00 to Sta. 570+00 -L- LT
 Sta. 572+00 to Sta. 573+00 -L- RT
 Sta. 576+00 to Sta. 579+00 -L- LT

44 x 132 x 3
 2.5 inch Skimmer
 with 2.125 inch
 Orifice Diameter
 22 ft. weir
 ID 19.1

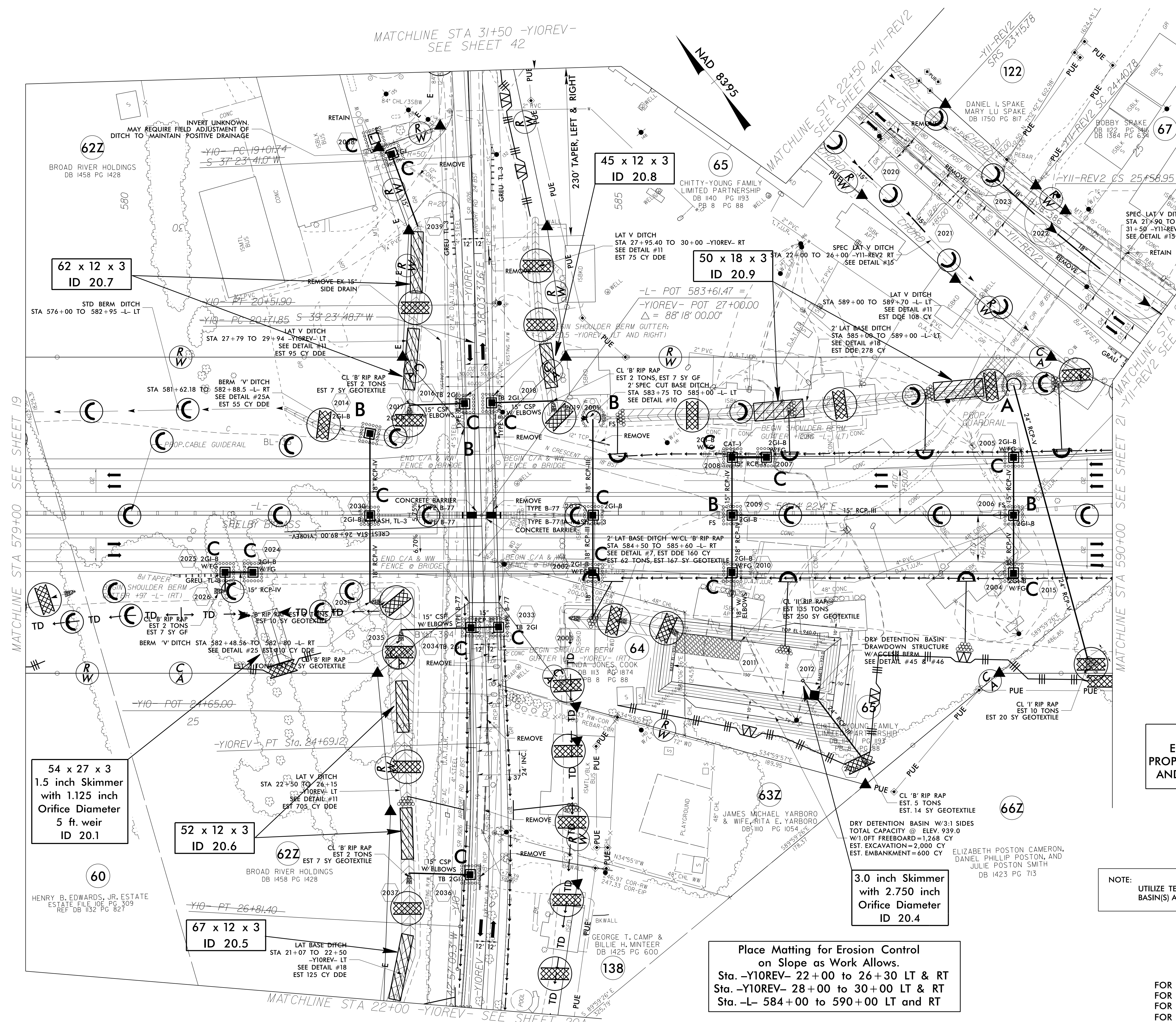
42 x 126 x 3
 2.0 inch Skimmer
 with 2.0 inch
 Orifice Diameter
 20 ft. weir
 ID 19.2

SPEC LAT V DITCH
 W/CL B RIP RAP
 STA 578+50 TO 579+50 -L- RT
 SEE DETAIL #20
 EST 50 TONS
 EST 180 SY GEOTEXTILE

HENRY B. EDWARDS, JR. ESTATE

PROJECT REFERENCE NO. <i>R-2707C</i>	SHEET NO. <i>EC-60/CONST.20</i>
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

REVISIONS
 CONST. REV ON LET PROJECT 5-30-19 (TEH) - REVISED -L- FROM GRADING ONLY TO PAVING, ADDED NOISE WALL 7 AND SINGLE FACED BARRIER ALONG -L- (RT)
 CONST. REV ON LET PROJECT 5-30-19 (TEH) - REVISED -L- FROM GRADING ONLY TO PAVING, ADDED NOISE WALL 7 AND SINGLE FACED BARRIER ALONG -L- (RT)
 CONST. REV 04/XX/2021-REMOVED -Y10- ALIGNMENT AND ADDED -Y10REV- AND BRIDGE REMOVED NOISE WALL ON -L- RIGHT AND ADJUSTED DRAINAGE TO THE PLANS ACCORDINGLY. MODIFIED AND ADDED RW AND EASEMENT LIMITS ON -Y10REV- AND -L- ADDED 2 CLAIMS TO PARCELS 6263.65 AND ADDED PARCEL 140.7H



62 x 12 x 3
ID 20.7

45 x 12 x 3
ID 20.8

50 x 18 x 3
ID 20.9

54 x 27 x 3
1.5 inch Skimmer
with 1.125 inch
Orifice Diameter
5 ft. weir
ID 20.1

52 x 12 x 3
ID 20.6

67 x 12 x 3
ID 20.5

3.0 inch Skimmer
with 2.750 inch
Orifice Diameter
ID 20.4

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. -Y10REV- 22+00 to 26+30 LT & RT
Sta. -Y10REV- 28+00 to 30+00 LT & RT
Sta. -L- 584+00 to 590+00 LT and RT

INSTALL MATTING FOR
EROSION CONTROL IN THE
PROPOSED DITCH LINES ON -Y10-
AND -Y- 581+62 to 582+88 LT

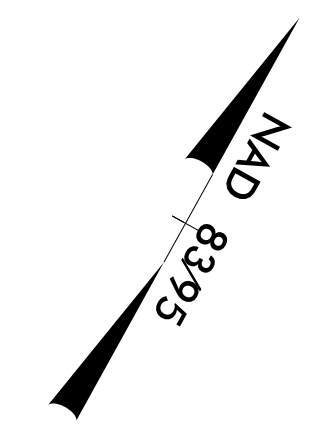
NOTE:
UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING
BASIN(S) AS STILLING BASIN WHERE APPLICABLE.

FOR DITCH DETAILS SEE SHEETS 2D-1 AND 2D-2
FOR -L- PROFILE SEE SHEET 52
FOR -Y11-REV2 PROFILE SEE SHEET 66
FOR -Y10REV- PROFILE SEE SHEET 78

PROJECT REFERENCE NO. R-2707C		SHEET NO. EC-60A/CONST.20A	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER			

-YIOREV-
 PI Sta 19+95.80
 $\Delta = 22^\circ 54' 35.3" (LT)$
 $D = 2^\circ 23' 14.4"$
 $L = 959.64'$
 $T = 486.32'$
 $R = 2,400.00'$

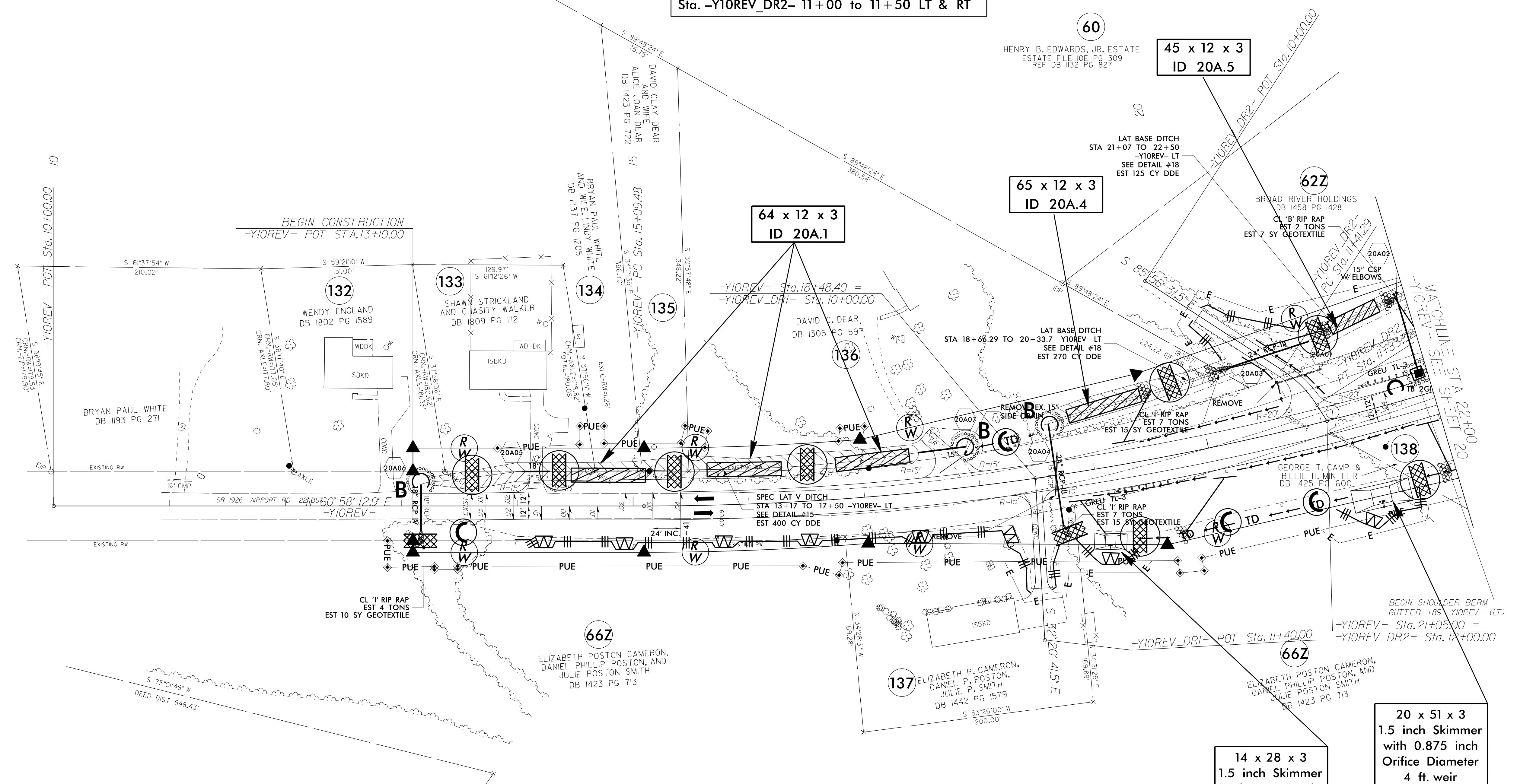
-YIOREV_DR2-
 PI Sta 11+62.72
 $\Delta = 24^\circ 11' 49.2" (RT)$
 $D = 57^\circ 17' 44.8"$
 $L = 42.23'$
 $T = 21.44'$
 $R = 100.00'$
 (1) S 61° 44' 42.3" E



NOTE:
 UTILIZE TEMPORARY SEDIMENT BASIN OR SPECIAL STILLING BASIN(S) AS STILLING BASIN WHERE APPLICABLE.

Place Matting for Erosion Control
 on Slope as Work Allows.
 Sta. -YIOREV- 18+50 to Sta. 22+00 LT & RT
 Sta. -YIOREV_DR1- 10+40 to 10+70 LT & RT
 Sta. -YIOREV_DR2- 11+00 to 11+50 LT & RT

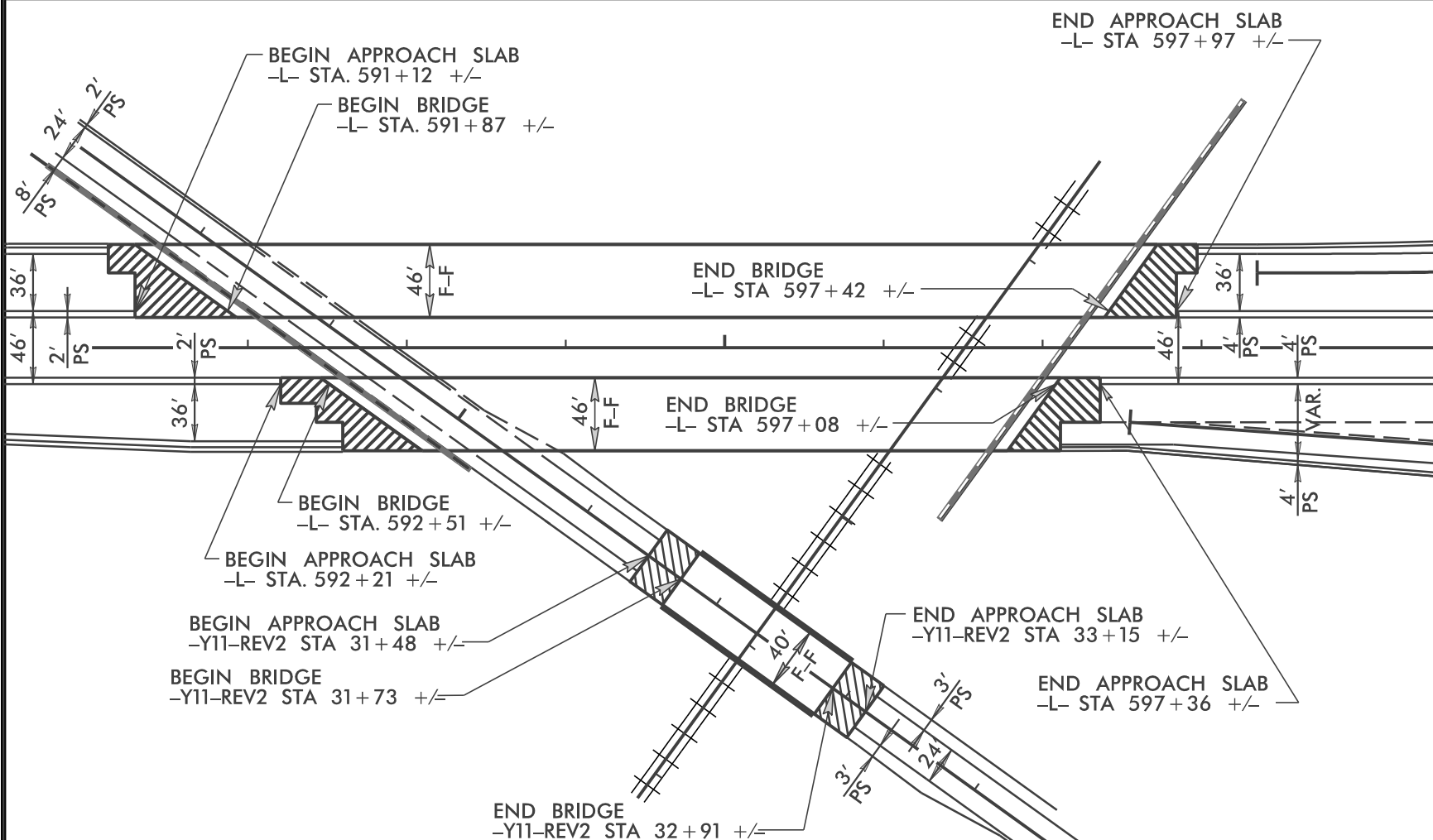
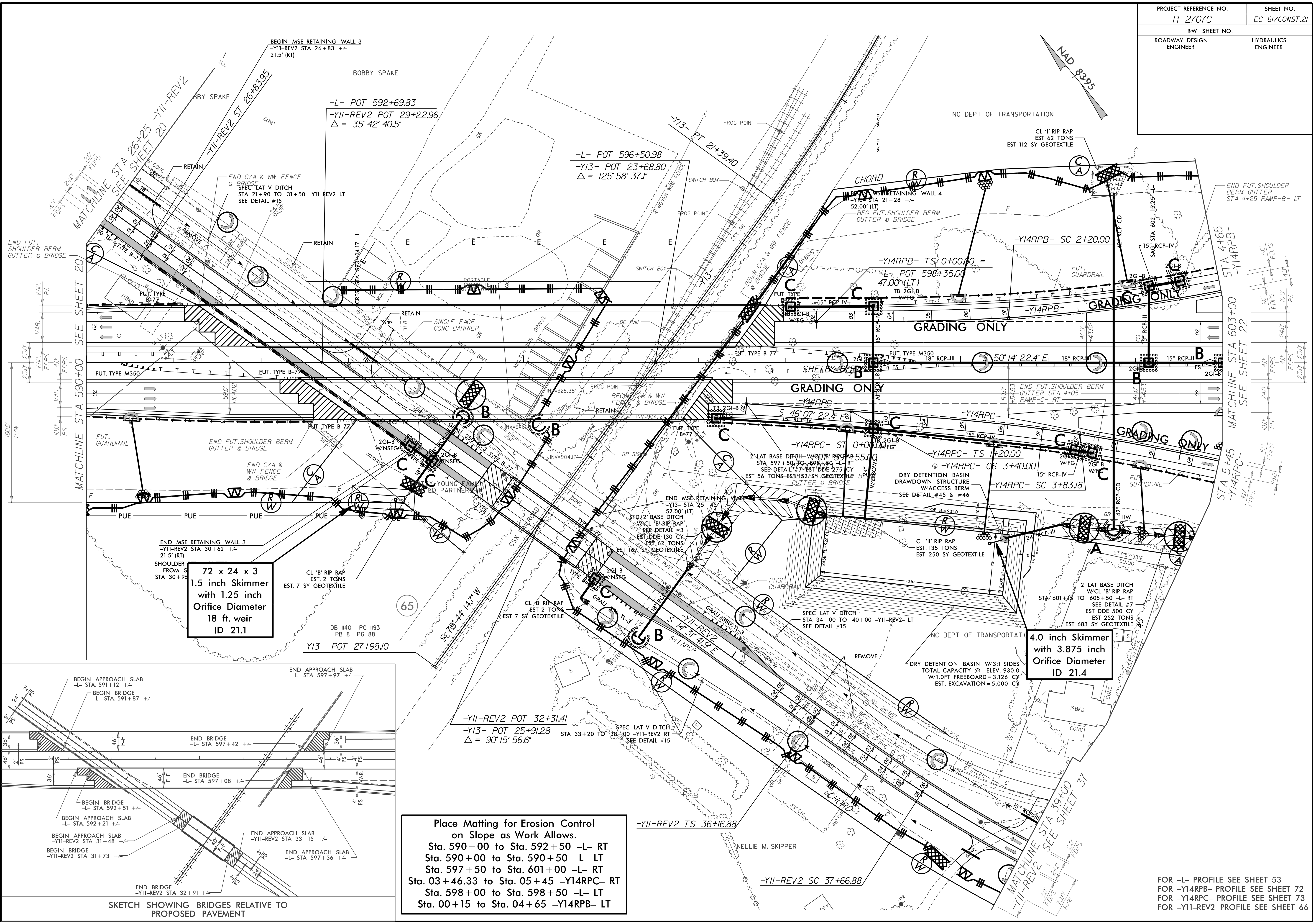
REVISIONS
 CONST. REV. 03/XX/2020-NEW SHEET, ADDED YIOREV AND PARCELS 132 TO 140, HN



INSTALL MATTING FOR
 EROSION CONTROL IN THE
 PROPOSED DITCH LINES -YIO-.

14 x 28 x 3
 1.5 inch Skimmer
 with 0.375 inch
 Orifice Diameter
 4 ft. weir
 ID 20A.2

20 x 51 x 3
 1.5 inch Skimmer
 with 0.875 inch
 Orifice Diameter
 4 ft. weir
 ID 20A.3

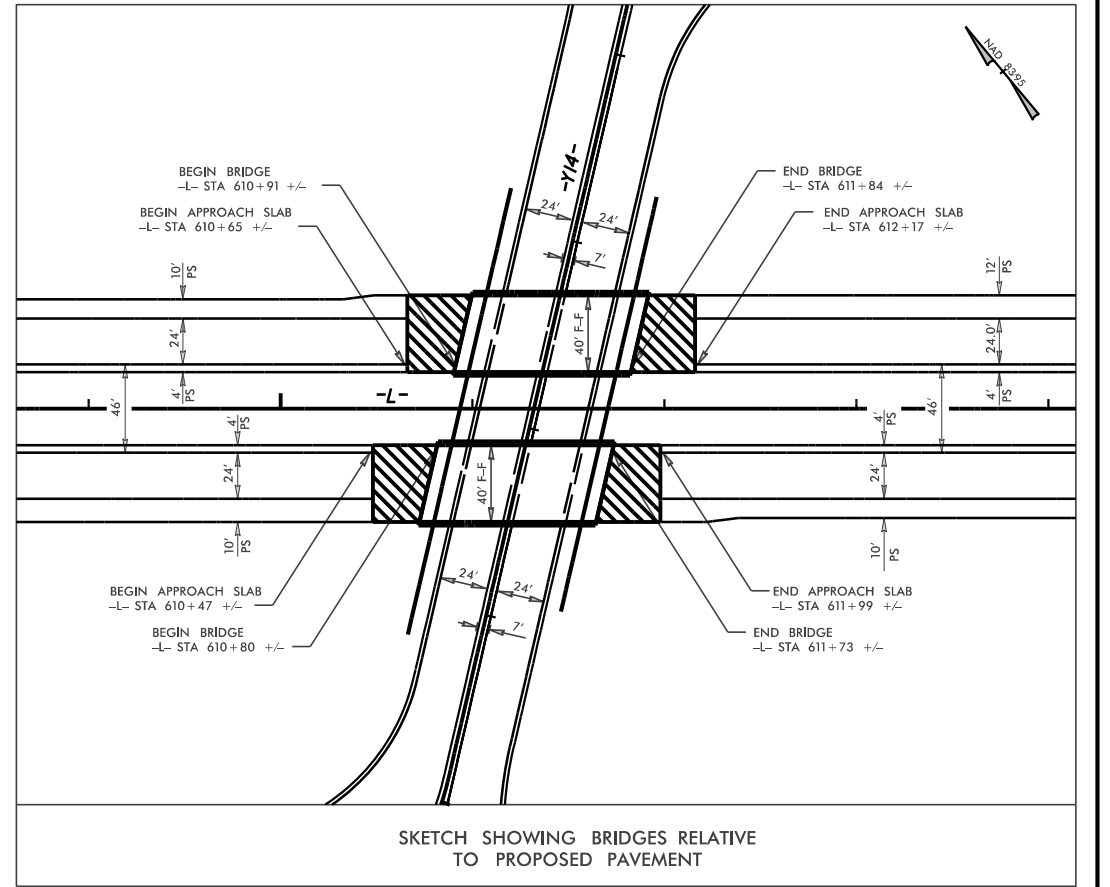
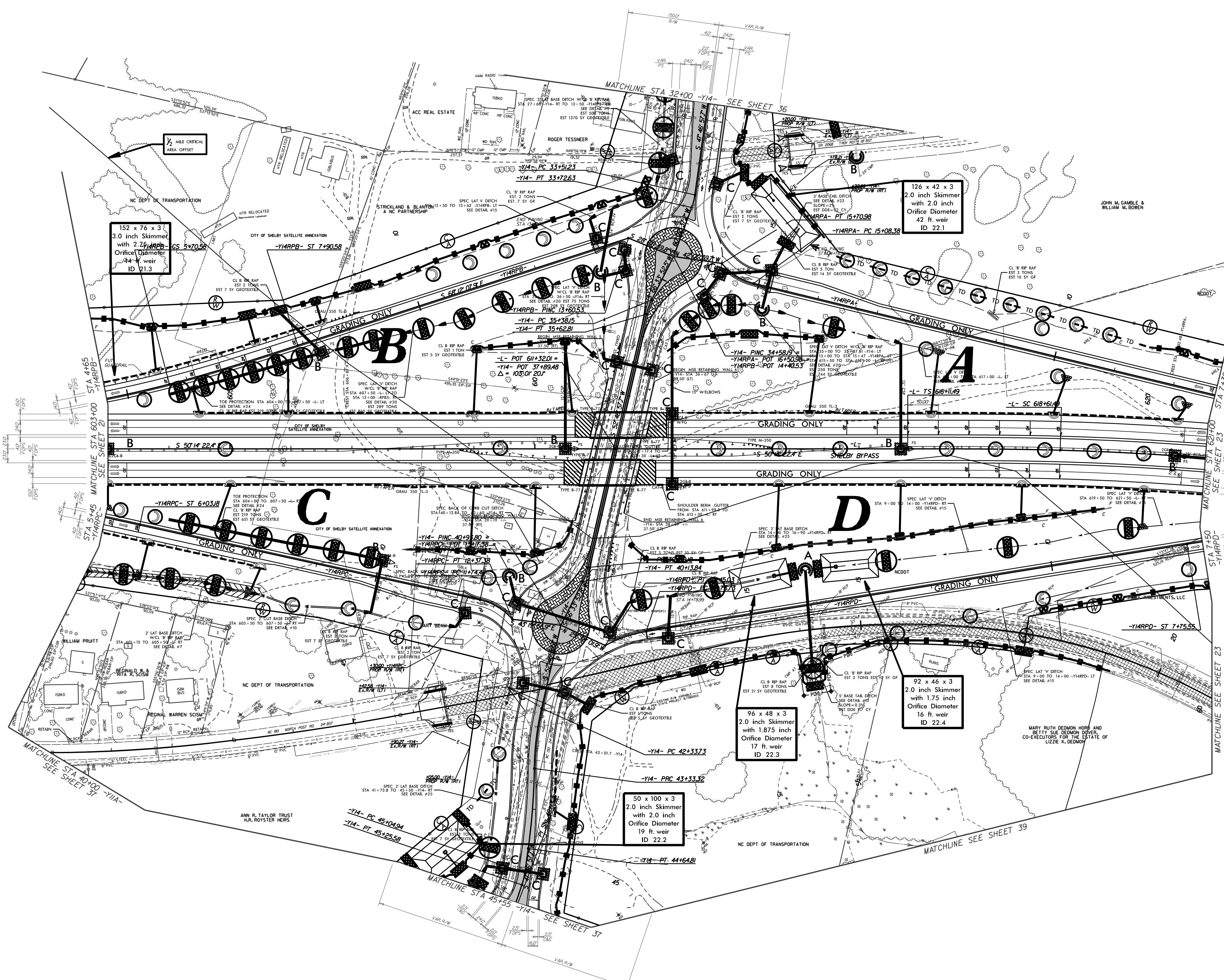
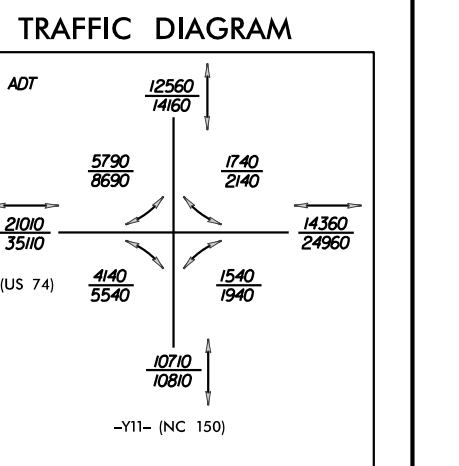


SKETCH SHOWING BRIDGES RELATIVE TO PROPOSED PAVEMENT

Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 590+00 to Sta. 592+50 -L- RT
 Sta. 590+00 to Sta. 590+50 -L- LT
 Sta. 597+50 to Sta. 601+00 -L- RT
 Sta. 03+46.33 to Sta. 05+45 -Y14RPC- RT
 Sta. 598+00 to Sta. 598+50 -L- LT
 Sta. 00+15 to Sta. 04+65 -Y14RPB- LT

FOR -L- PROFILE SEE SHEET 53
 FOR -Y14RPB- PROFILE SEE SHEET 72
 FOR -Y14RPC- PROFILE SEE SHEET 73
 FOR -Y11-REV2 PROFILE SEE SHEET 66

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-62/CONV-22
RDW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	



Place Matting for Erosion Control on Slopes Adjacent to Permitted Wetlands as Work Allows.

Place Matting for Erosion Control on Slope as Work Allows.

Sta. 05+45 to Sta. 08+05.71 -Y14RPC- RT
 Sta. 603+00 to Sta. 610+00 -L- RT
 Sta. 604+50 to Sta. 610+50 -L- LT
 Sta. 04+65 to Sta. 08+31.33 -Y14RPB- LT
 Sta. 10+50 to Sta. 13+01.79 -Y14RPB- RT
 Sta. 612+00 to Sta. 619+50 -L- RT
 Sta. 612+50 to Sta. 620+50 -L- LT
 Sta. 12+60.25 to Sta. 15+08.38 -Y14RPA- RT
 Sta. 43+00 to Sta. 44+00 -Y14- LT

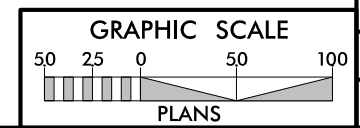
FOR ROUNDABOUT DETAILS SEE SHEETS 28-5 & 28-6
 FOR -L- PROFILE SEE SHEET 54
 FOR -Y14- PROFILE SEE SHEET 69
 FOR -Y14RPA- PROFILE SEE SHEET 71
 FOR -Y14RPB- PROFILE SEE SHEET 72
 FOR -Y14RPC- PROFILE SEE SHEET 73
 FOR -Y14RPD- PROFILE SEE SHEETS 73 & 74

LOCATION: INTERCHANGE AT -L- US 74 BYPASS AND -Y14- NC 150

TP NO.: R-2707C COUNTY: CLEVELAND

DESIGNED BY: T. HUFFMAN

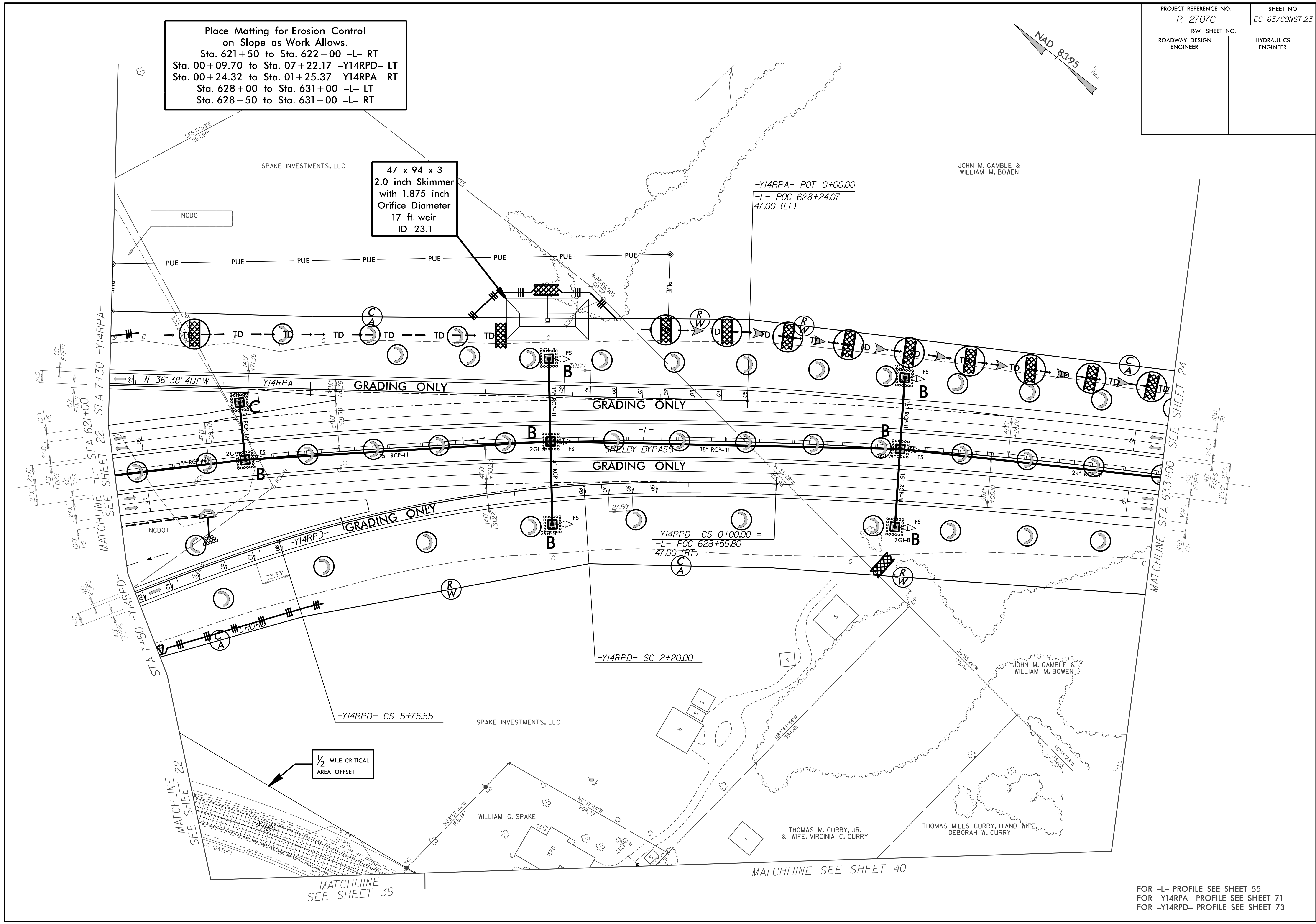
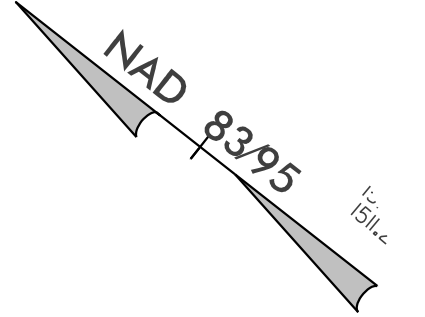
CHECKED BY: T. REID DATE: 7/7/15



PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-63/CONST.23
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 621+50 to Sta. 622+00 -L- RT
 Sta. 00+09.70 to Sta. 07+22.17 -Y14RPD- LT
 Sta. 00+24.32 to Sta. 01+25.37 -Y14RPA- RT
 Sta. 628+00 to Sta. 631+00 -L- LT
 Sta. 628+50 to Sta. 631+00 -L- RT

47 x 94 x 3
 2.0 inch Skimmer
 with 1.875 inch
 Orifice Diameter
 17 ft. weir
 ID 23.1



MATCHLINE SEE SHEET 22
 STA 7+30 -Y14RPA-
 STA 621+00

MATCHLINE STA 633+00
 SEE SHEET 24

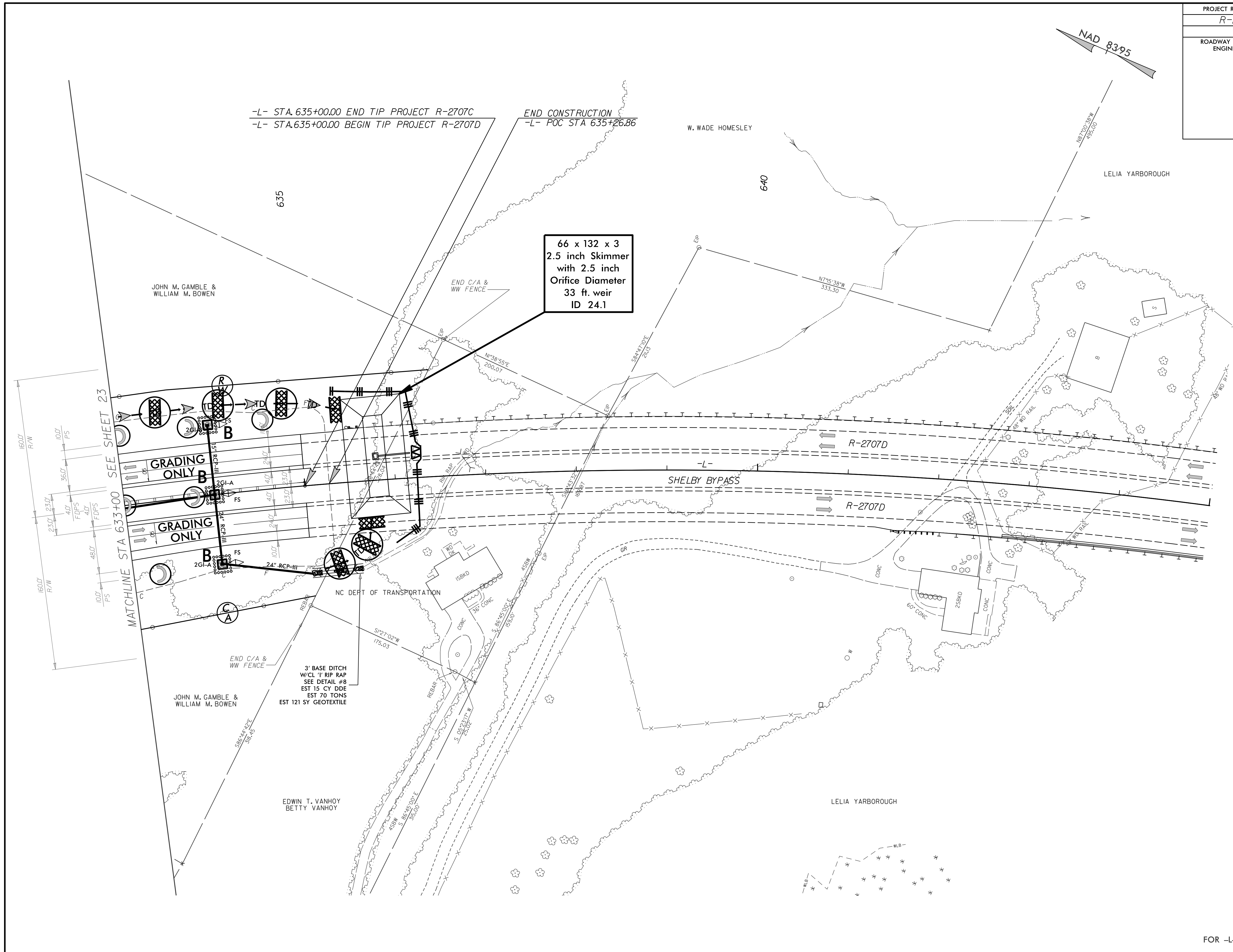
MATCHLINE SEE SHEET 22

MATCHLINE SEE SHEET 39

MATCHLINE SEE SHEET 40

FOR -L- PROFILE SEE SHEET 55
 FOR -Y14RPA- PROFILE SEE SHEET 71
 FOR -Y14RPD- PROFILE SEE SHEET 73

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-64/CONST.24
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



-L- STA. 635+00.00 END TIP PROJECT R-2707C
 -L- STA. 635+00.00 BEGIN TIP PROJECT R-2707D
 -L- POC STA 635+26.86

66 x 132 x 3
 2.5 inch Skimmer
 with 2.5 inch
 Orifice Diameter
 33 ft. weir
 ID 24.1

MATCHLINE STA 633+00 SEE SHEET 23

JOHN M. GAMBLE &
 WILLIAM M. BOWEN

W. WADE HOMESLEY

LELIA YARBOROUGH

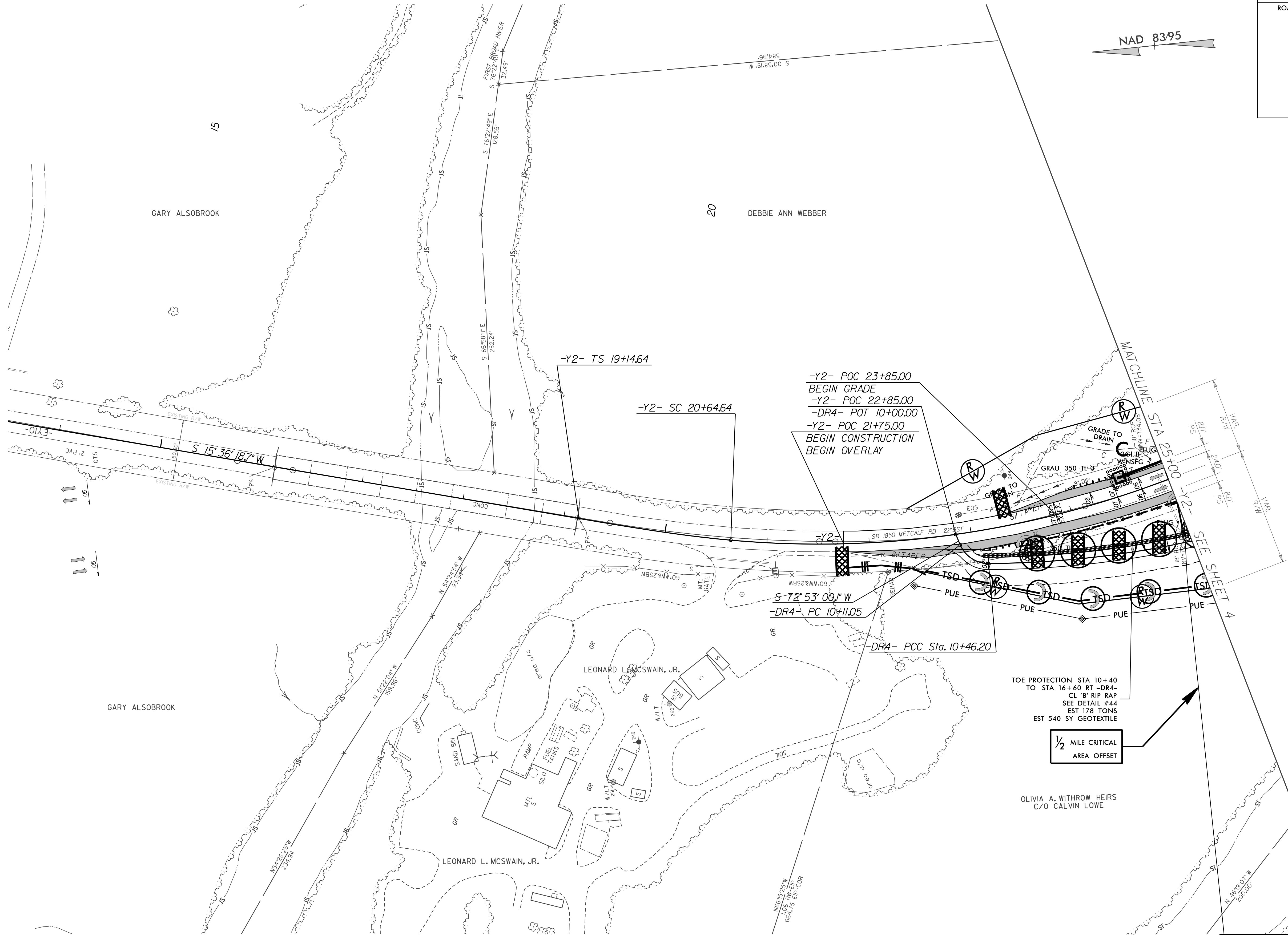
JOHN M. GAMBLE &
 WILLIAM M. BOWEN

3' BASE DITCH
 W/CL 'I' RIP RAP
 SEE DETAIL #8
 EST 15 CY DDE
 EST 70 TONS
 EST 121 SY GEOTEXTILE

EDWIN T. VANHOY
 BETTY VANHOY

LELIA YARBOROUGH

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-65/CONST.25
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



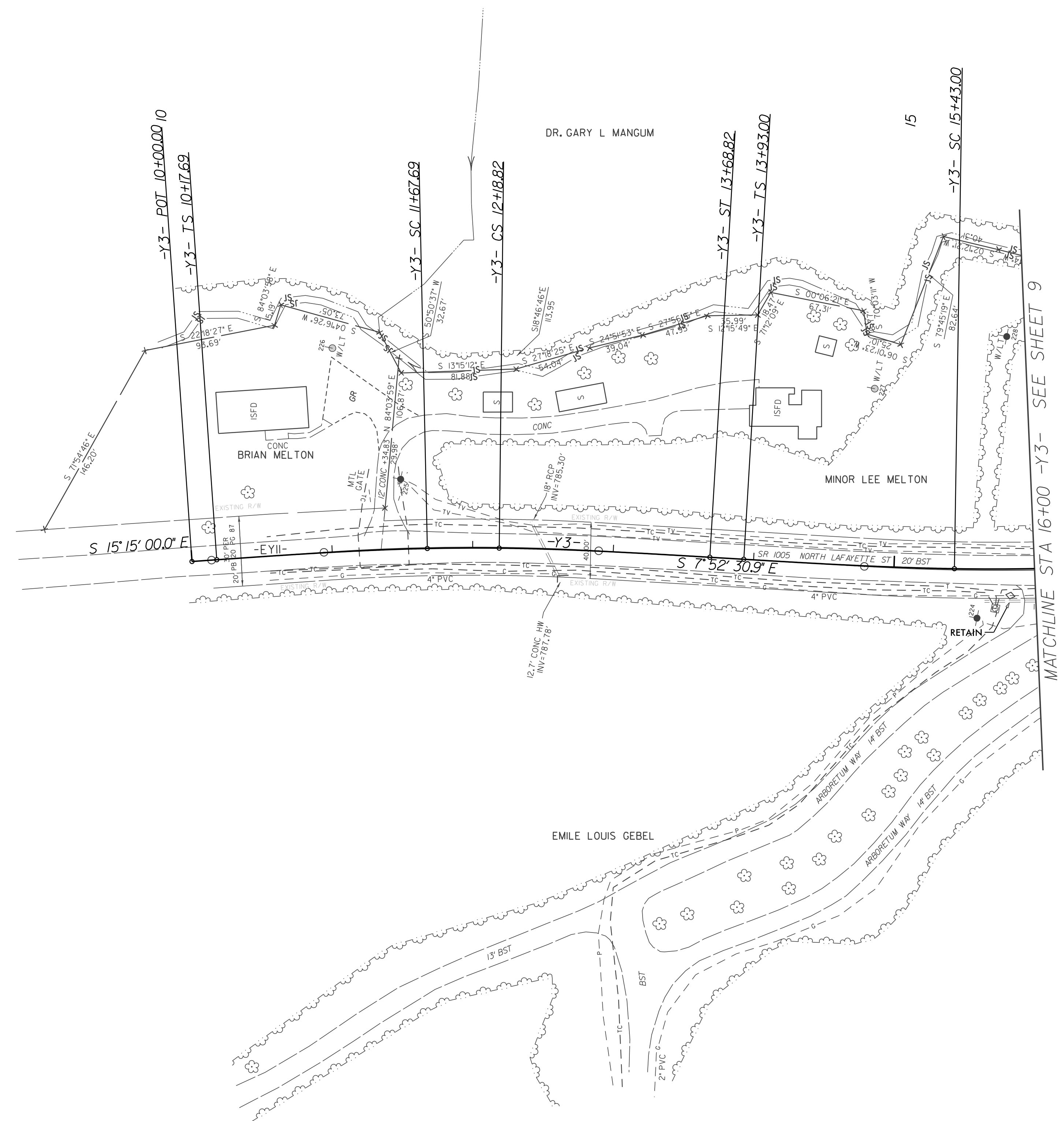
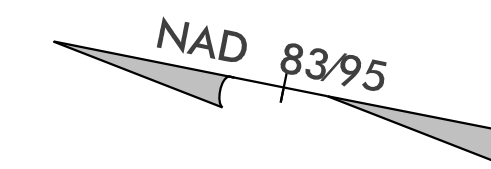
TOE PROTECTION STA 10+40 TO STA 16+60 RT -DR4- CL 'B' RIP RAP SEE DETAIL #44 EST 178 TONS EST 540 SY GEOTEXTILE

1/2 MILE CRITICAL AREA OFFSET

OLIVIA A. WITHROW HEIRS C/O CALVIN LOWE

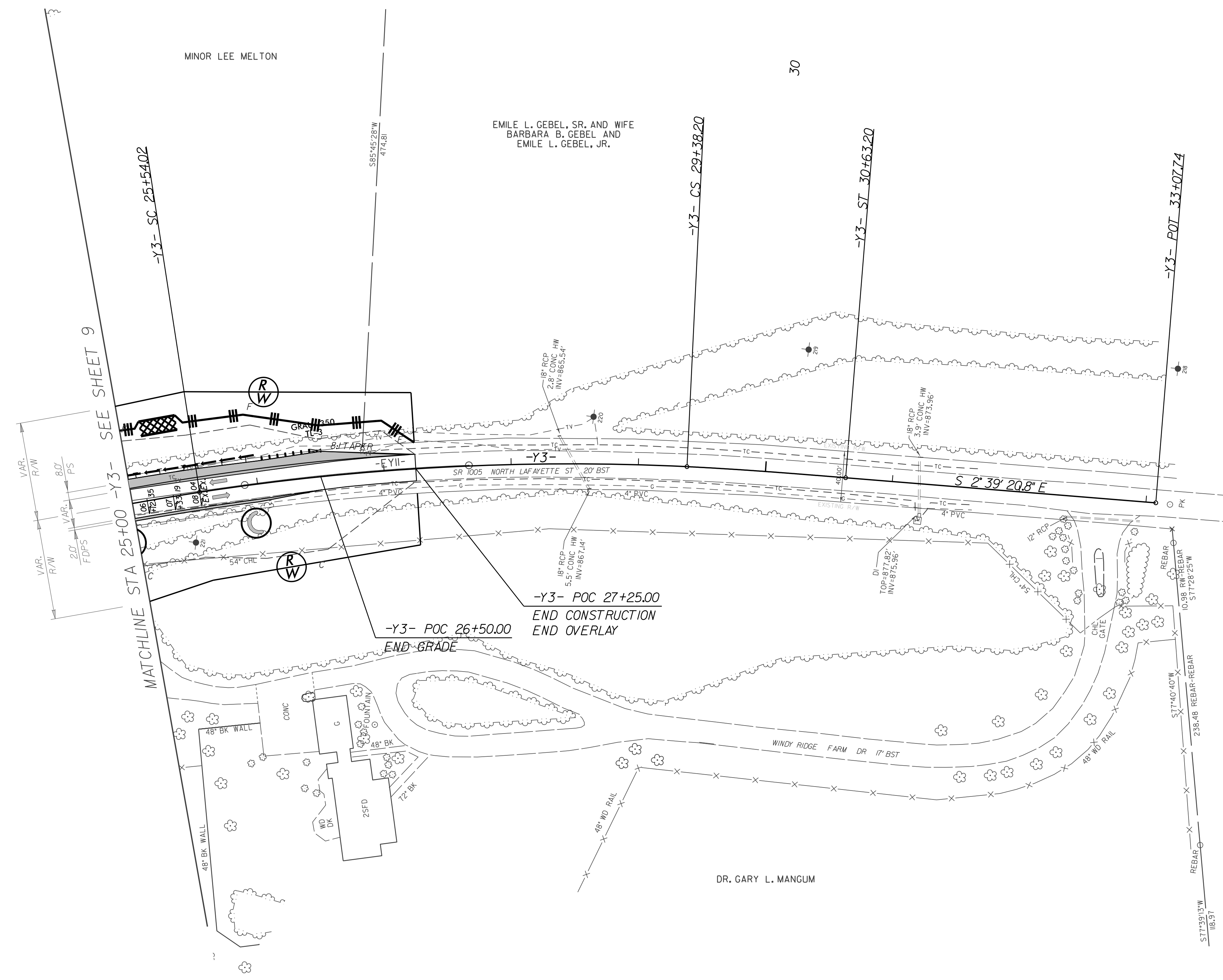
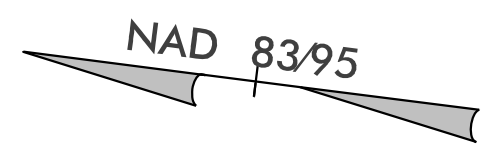
Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 23+50 to Sta. 25+00 -Y2- RT
 Sta. 24+00 to Sta. 24+50 -Y2- LT

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-66/CONST.26
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



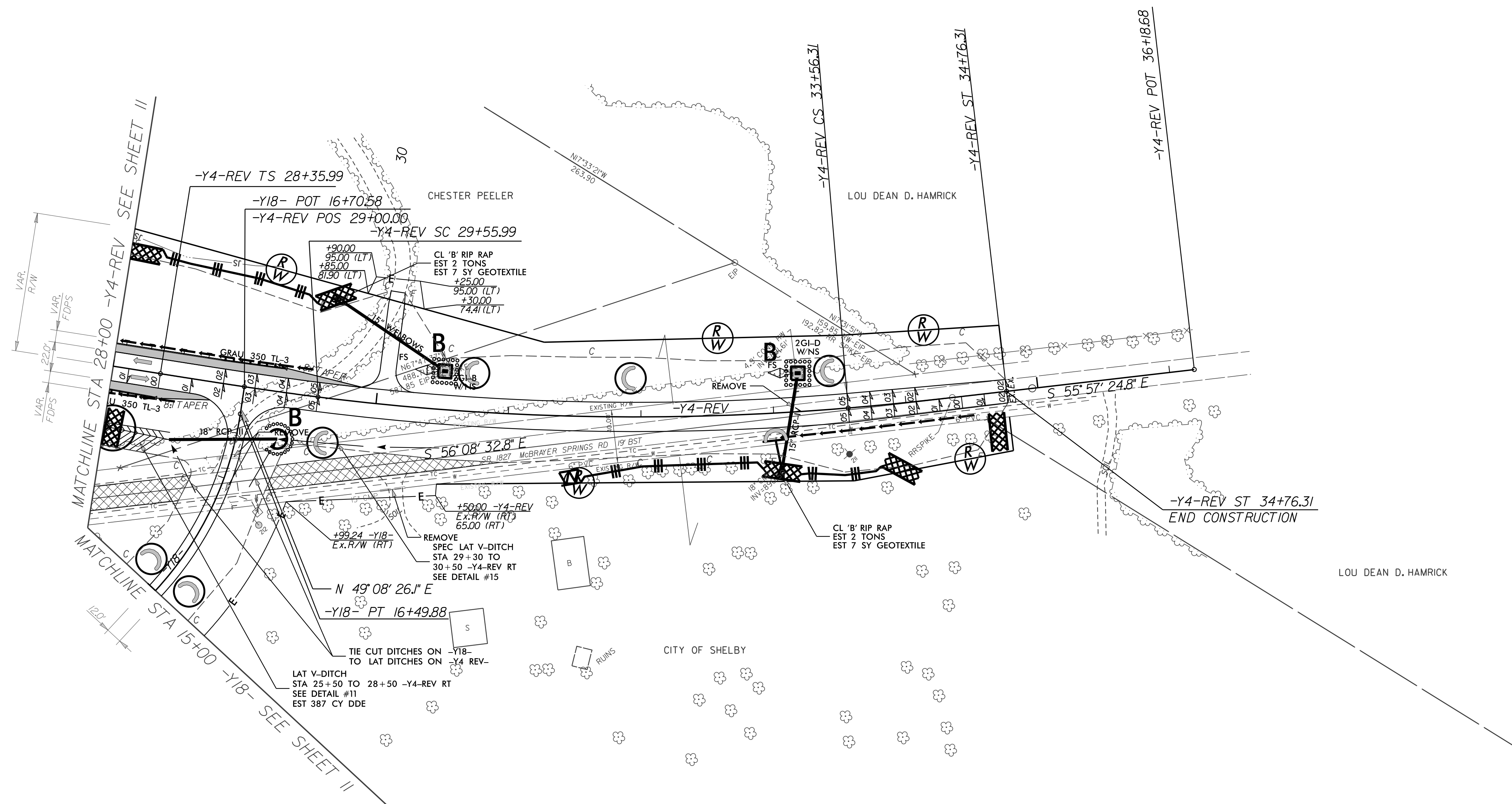
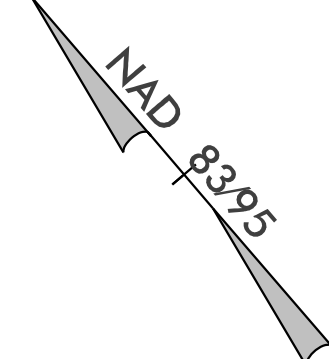
MATCHLINE STA 16+00 -Y3- SEE SHEET 9

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-67/CONST.27
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 25+00 to Sta. 26+00 -Y3- LT
Sta. 25+50 to Sta. 26+50 -Y3- RT

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-69/CONST.29
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



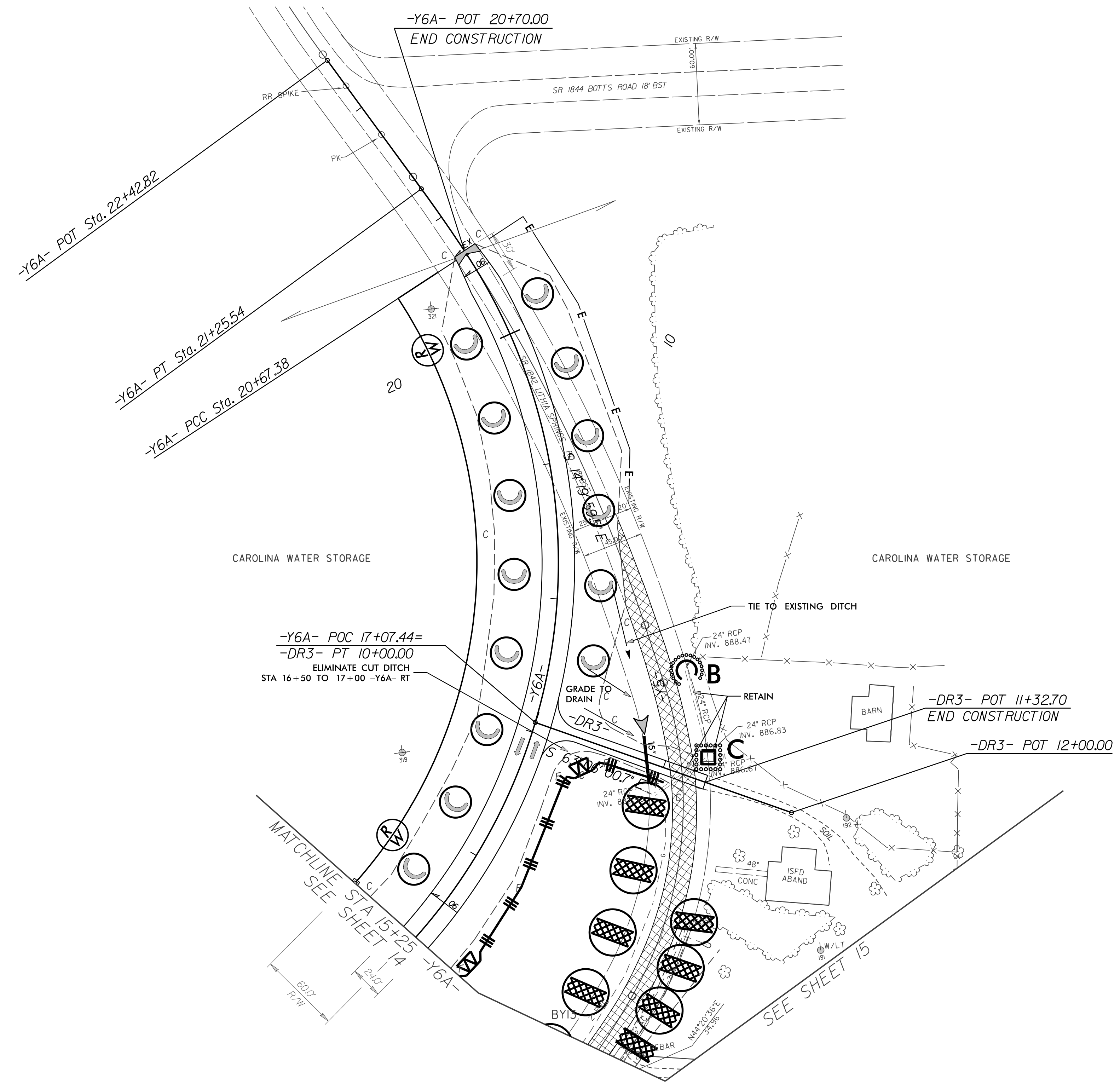
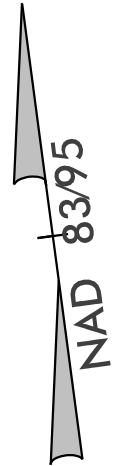
MATCHLINE STA 28+00 -Y4-REV SEE SHEET II

MATCHLINE STA 15+00 -Y18- SEE SHEET II

Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 28+00 to Sta. 29+50 -Y4REV- LT
Sta. 33+50 to Sta. 34+50 -Y4REV- RT

FOR DITCH DETAILS SEE SHEET 2D-1
FOR -Y4-REV PROFILE SEE SHEET 57
FOR -Y18- PROFILE SEE SHEET 76

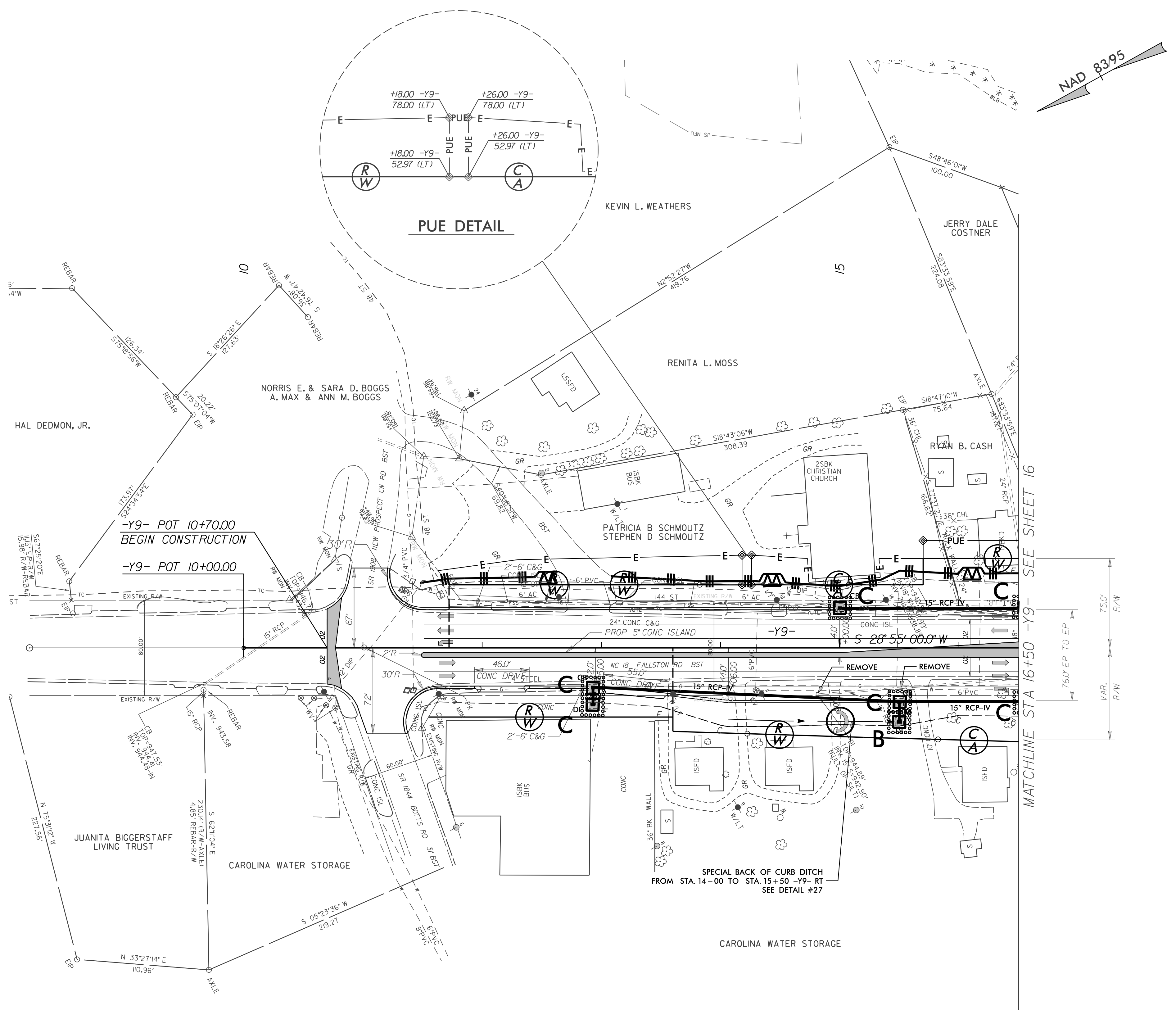
PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-70/CONST.30
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



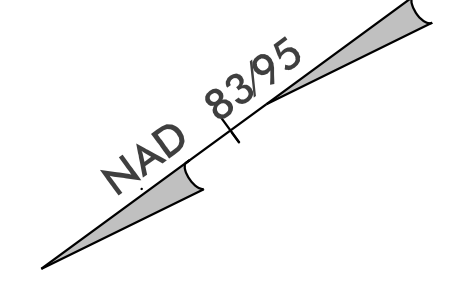
MATCHLINE STA 15+25
SEE SHEET 14

SEE SHEET 15

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-71/CONST.31
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



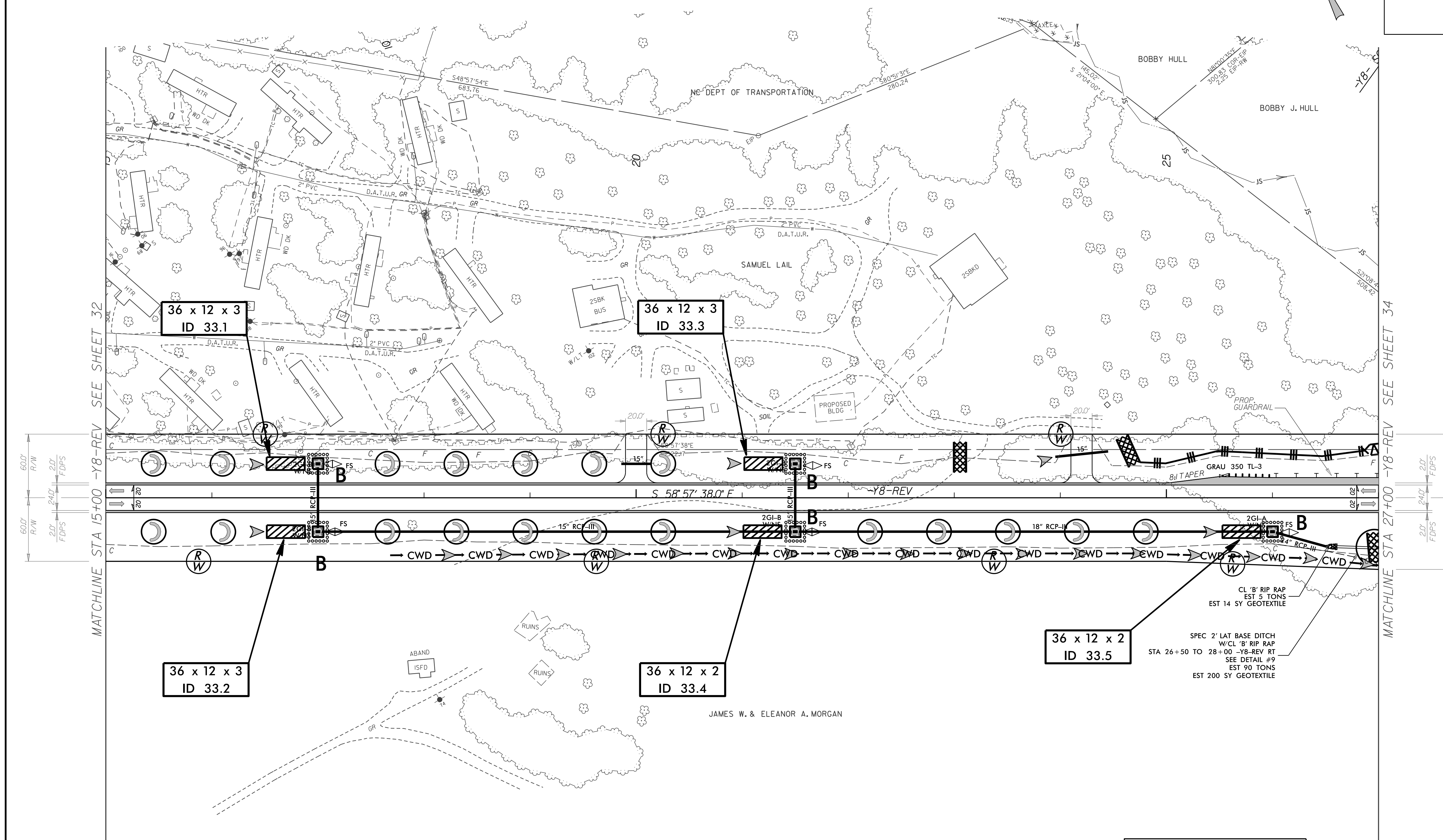
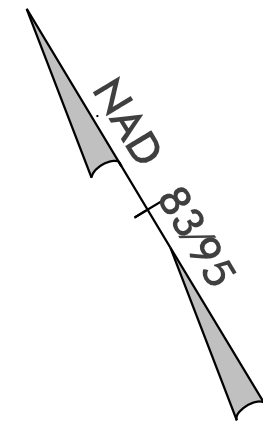
PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-72/CONST.32
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 31+50 to Sta. 33+50 -Y9- RT

FOR -Y9- DETOUR DETAILS SEE SHEET 2B-2
FOR -Y8-REV PROFILE SEE SHEET 59
FOR -Y9- PROFILE SEE SHEET 60

PROJECT REFERENCE NO. <i>R-2707C</i>	SHEET NO. <i>EC-73/CONST.33</i>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



MATCHLINE STA 15+00 -Y8-REV SEE SHEET 32

MATCHLINE STA 27+00 -Y8-REV SEE SHEET 34

**36 x 12 x 3
ID 33.1**

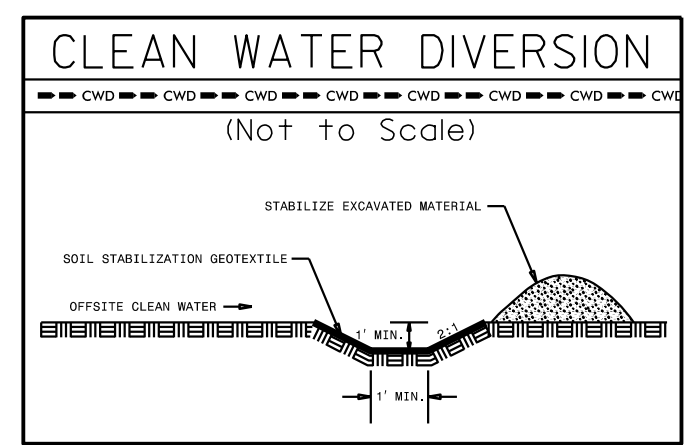
**36 x 12 x 3
ID 33.3**

**36 x 12 x 3
ID 33.2**

**36 x 12 x 2
ID 33.4**

**36 x 12 x 2
ID 33.5**

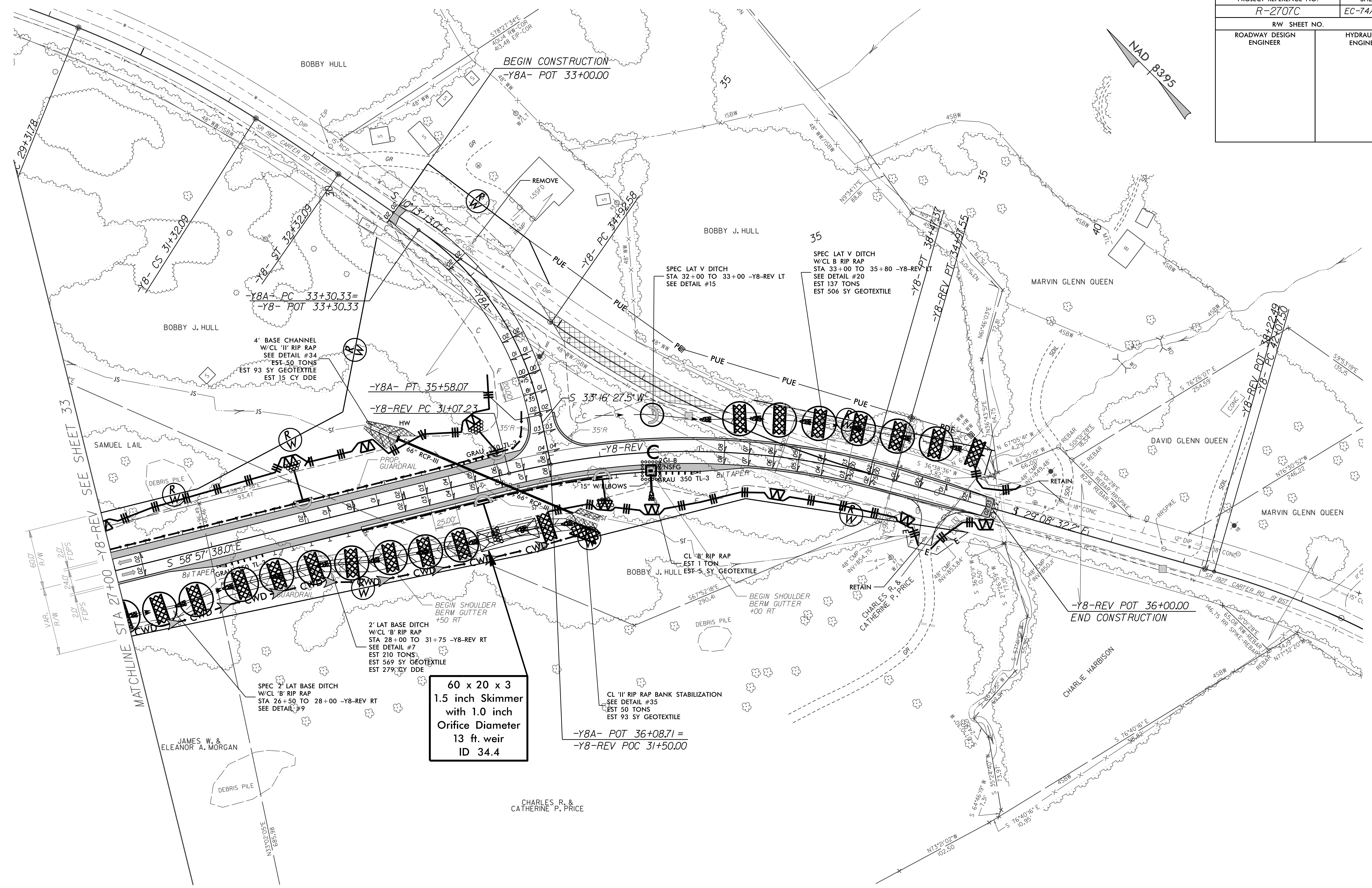
SPEC 2' LAT BASE DITCH
W/CL 'B' RIP RAP
STA 26+50 TO 28+00 -Y8-REV RT
SEE DETAIL #9
EST 90 TONS
EST 200 SY GEOTEXTILE



**Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 26+50 to Sta. 27+00 -Y8- RT**

FOR DITCH DETAILS SEE SHEET 2D-1
FOR -Y8-REV PROFILE SEE SHEET 59

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-74/CONST.34
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



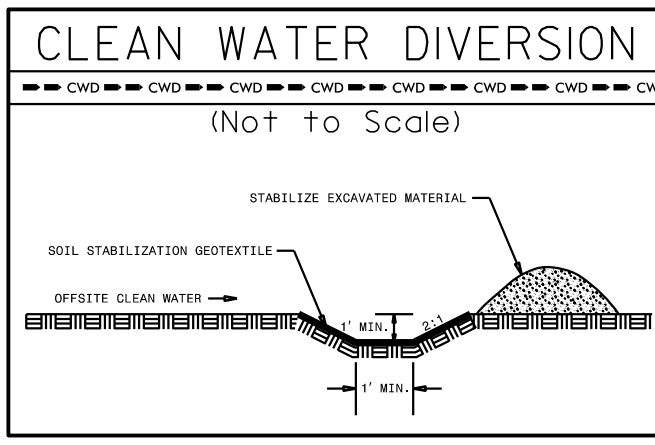
Place Matting for Erosion Control on Slope as Work Allows.

Sta. 27+00 to Sta. 27+50 -Y8REV- RT

Sta. 27+00 to Sta. 31+07.23 -Y8REV- LT

Sta. 29+50 to Sta. 32+00 -Y8REV- RT

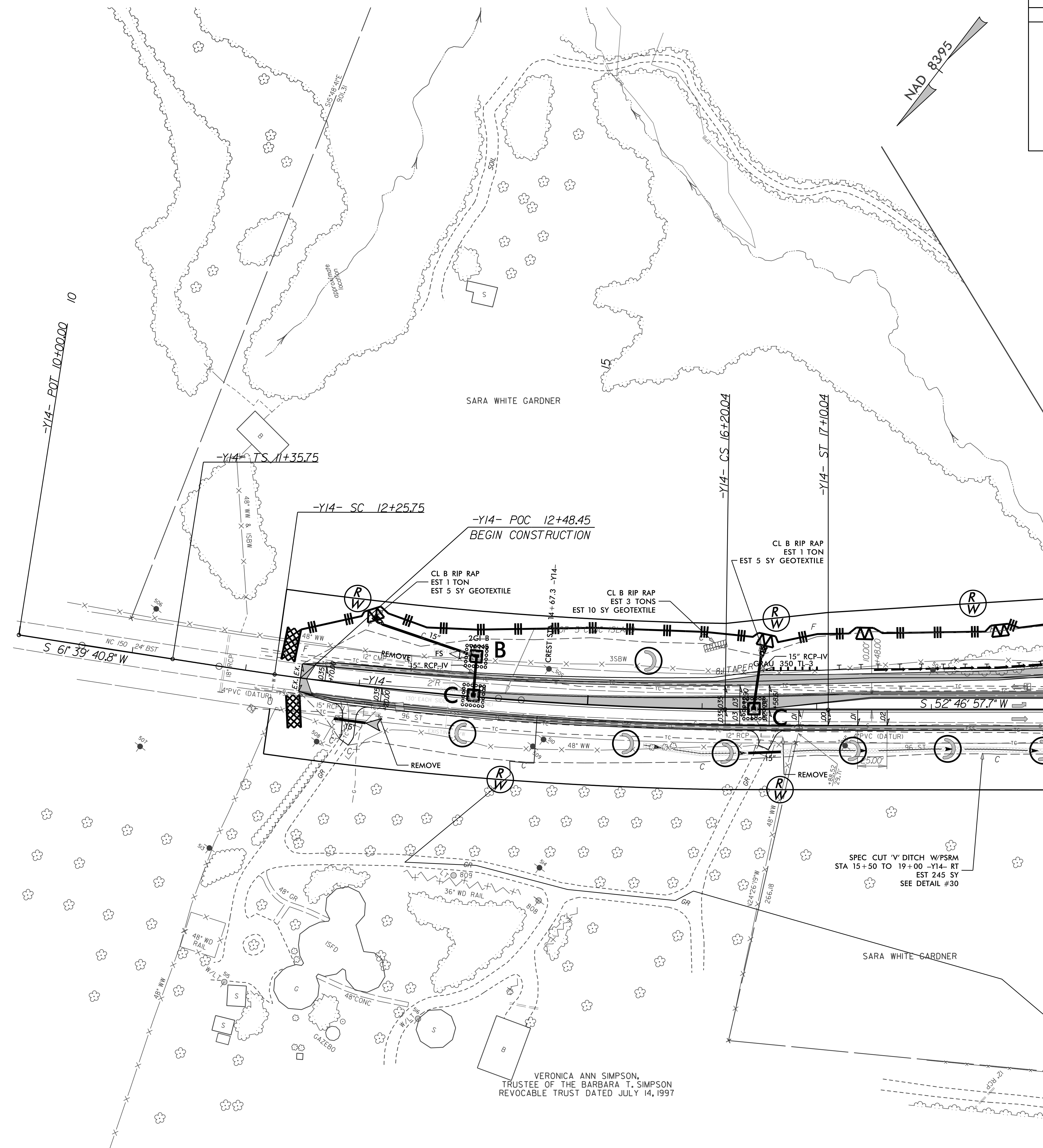
Sta. 35+50 to Sta. 35+58.07 -Y8A- RT



60 x 20 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
13 ft. weir
ID 34.4

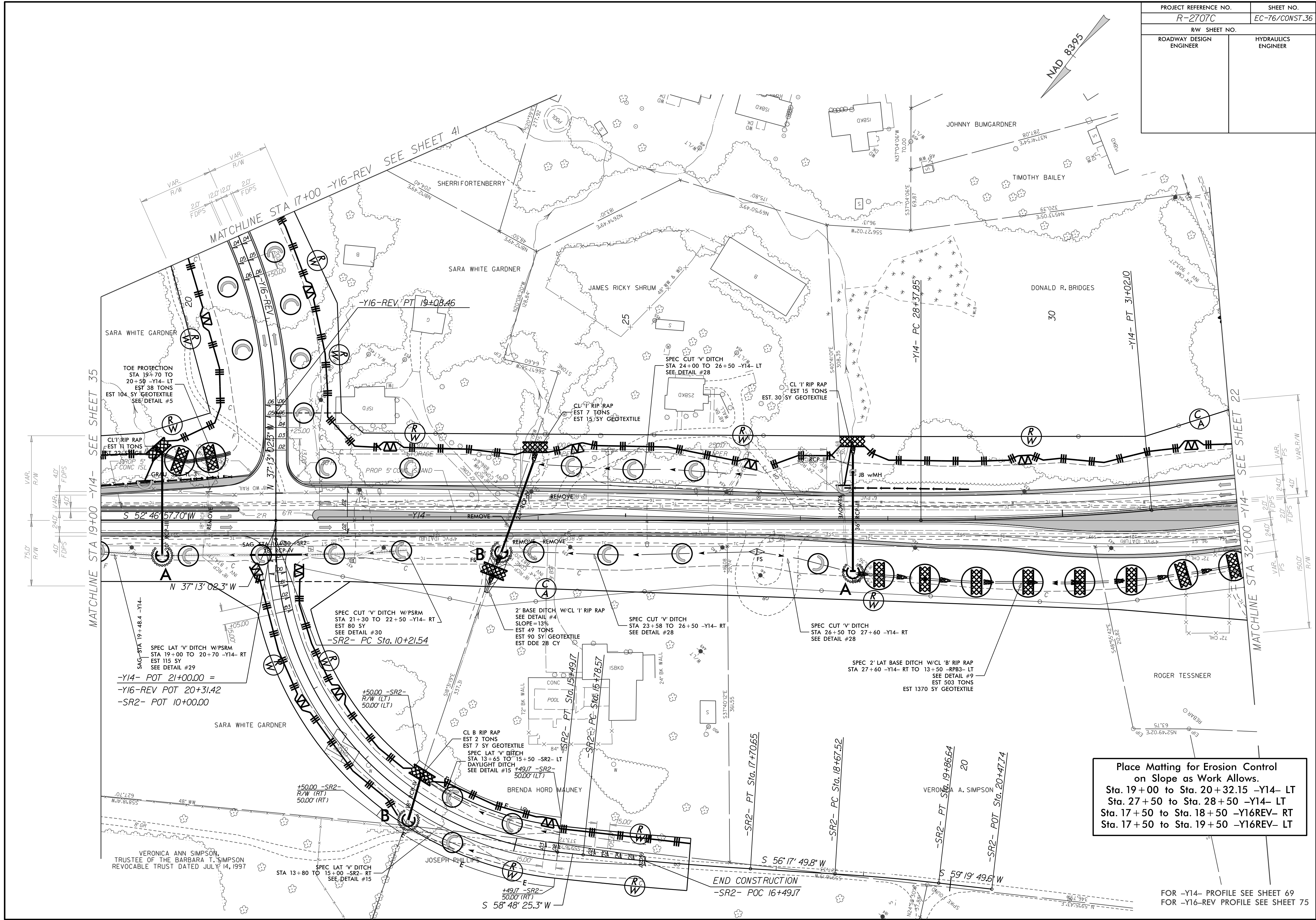
FOR DITCH DETAILS SEE SHEET 2D-1
FOR PFSH DETAILS SEE SHEET 2D-2
FOR -Y8A- PROFILE SEE SHEET 58
FOR -Y8-REV PROFILE SEE SHEET 59

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-75/CONST.35
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 17+50 to Sta. 19+00 -Y14- LT

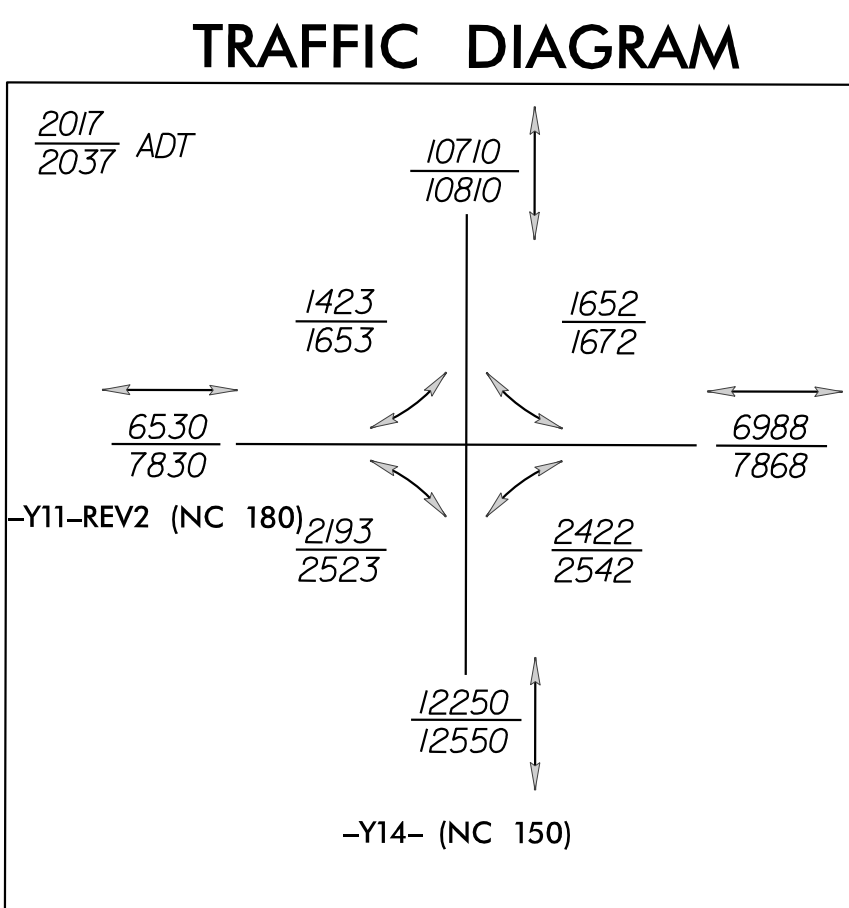
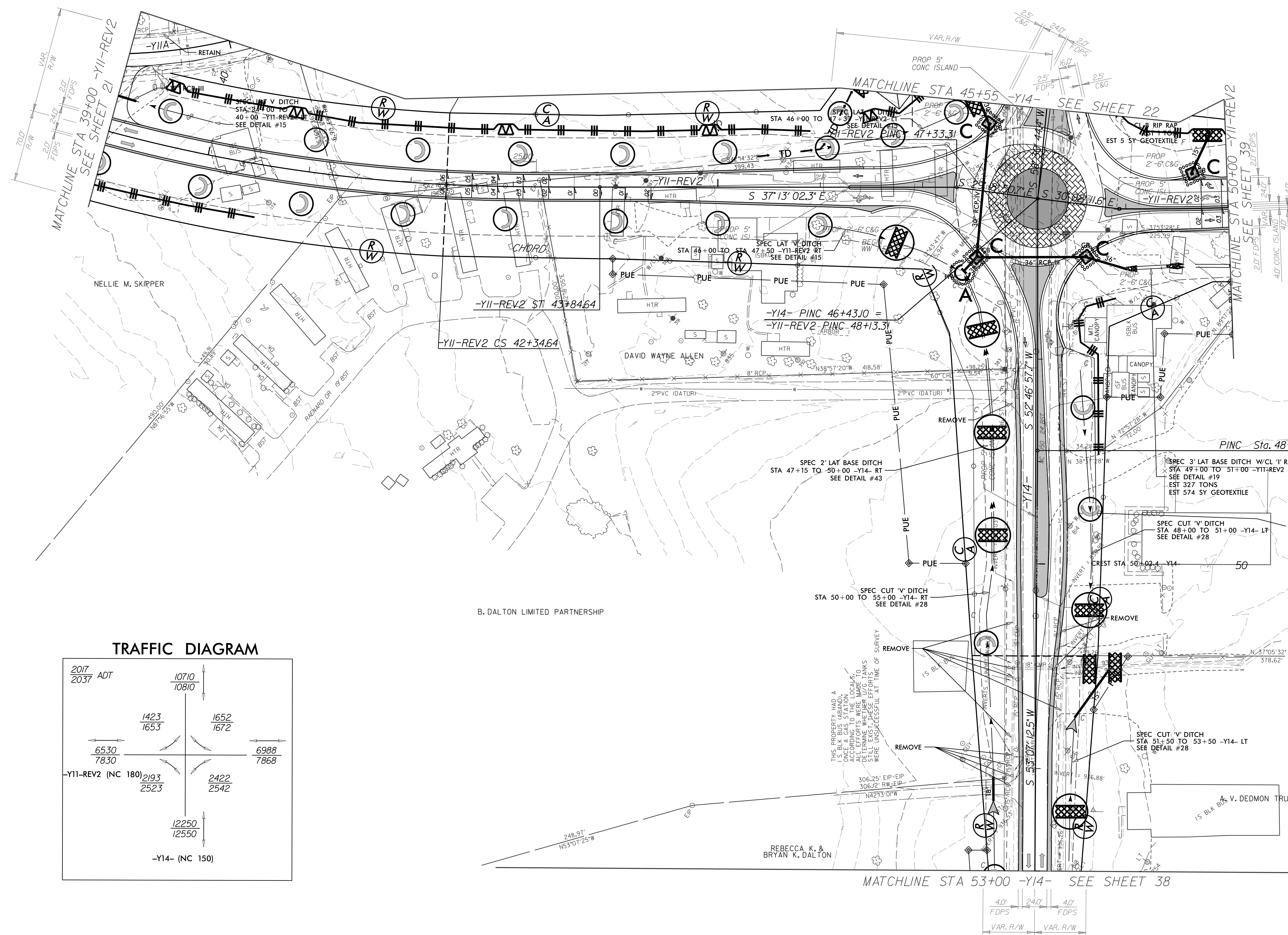
PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-76/CONST.36
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



Place Matting for Erosion Control on Slope as Work Allows.
 Sta. 19+00 to Sta. 20+32.15 -Y14- LT
 Sta. 27+50 to Sta. 28+50 -Y14- LT
 Sta. 17+50 to Sta. 18+50 -Y16REV- RT
 Sta. 17+50 to Sta. 19+50 -Y16REV- LT

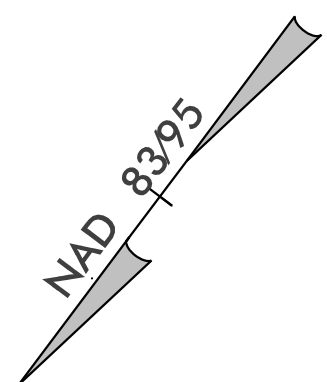
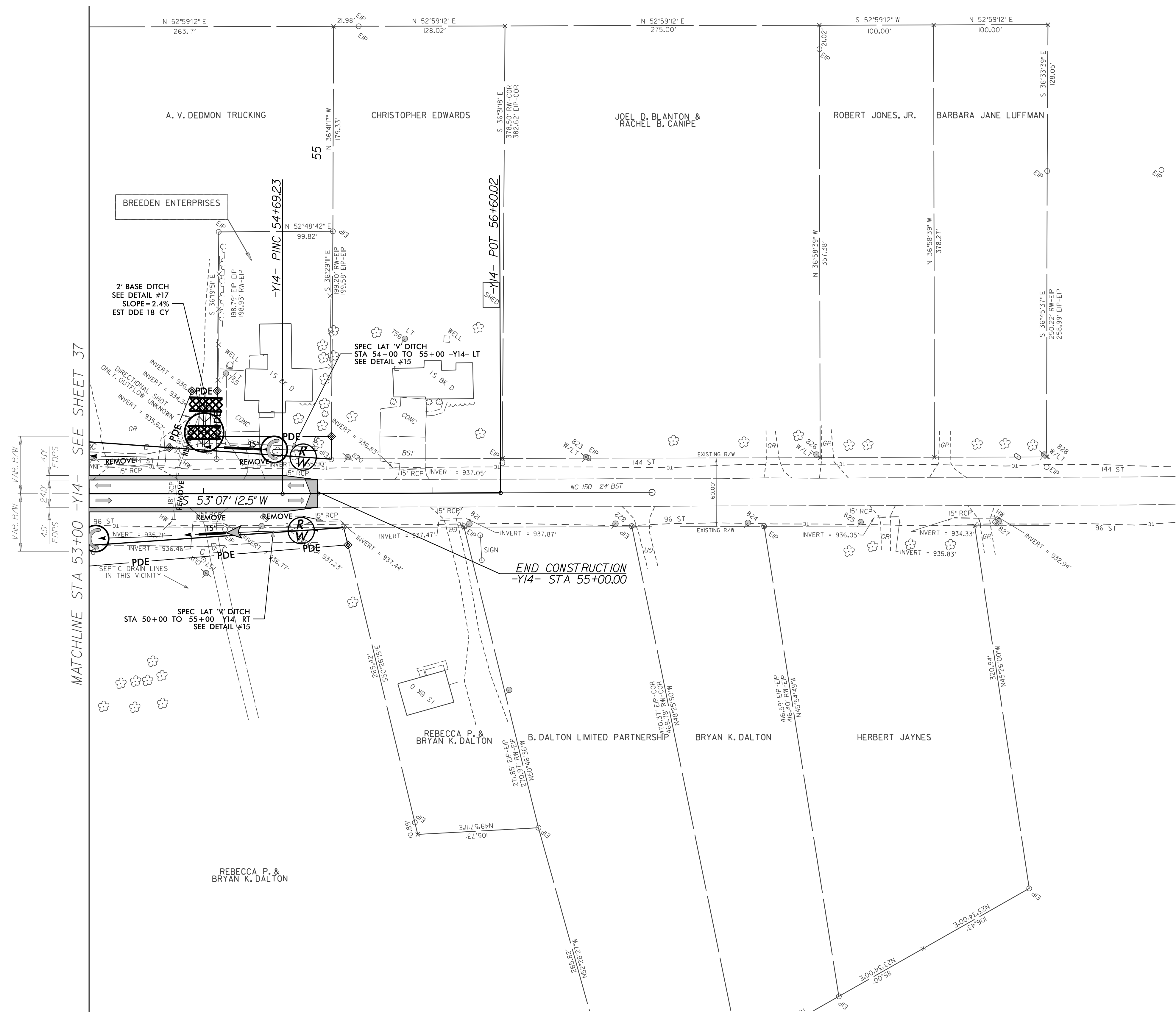
FOR -Y14- PROFILE SEE SHEET 69
 FOR -Y16- PROFILE SEE SHEET 75

PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-77/CONST.37
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



FOR ROUNDABOUT DETAIL SEE SHEET 2B-7
 FOR -Y11-REV2 PROFILE SEE SHEET 66 & 67
 FOR Y14 PROFILE SEE SHEET 70

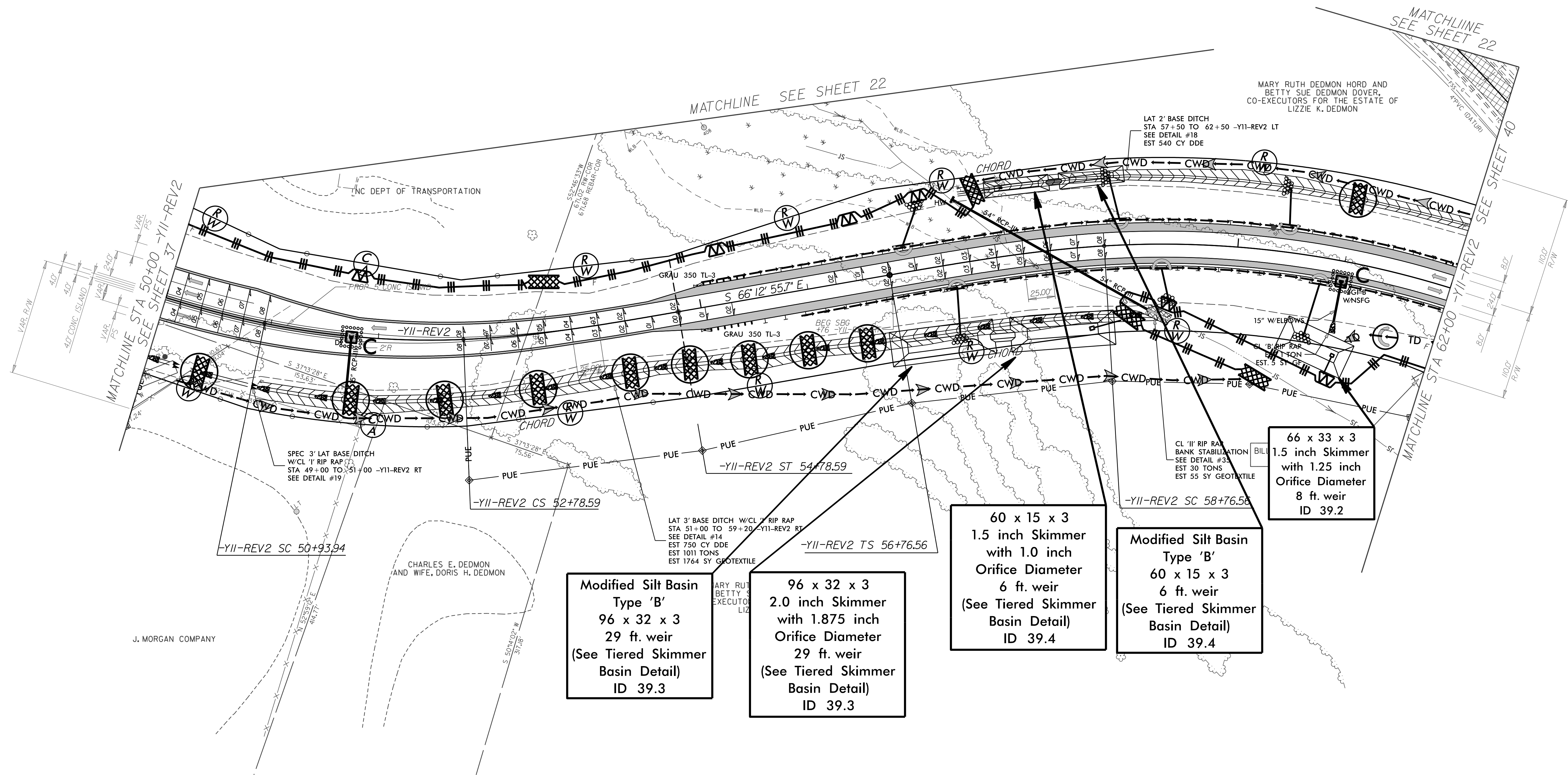
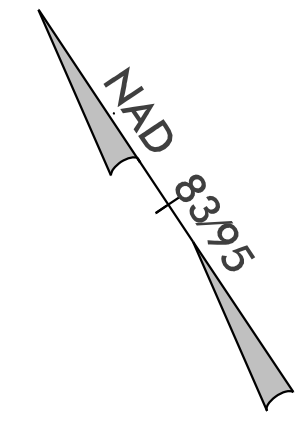
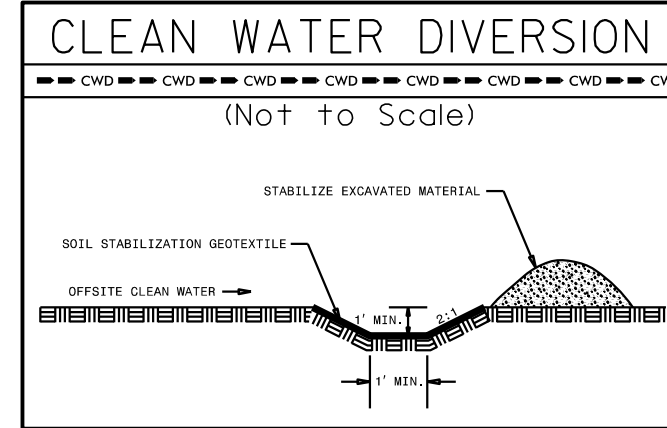
PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-78/CONST.38
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



PROJECT REFERENCE NO.	SHEET NO.
R-2707C	EC-79/CONST.39
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Place Matting for Erosion Control on Slopes Adjacent to Permitted Wetlands as Work Allows.

Place Matting for Erosion Control on Slope as Work Allows.
Sta. 55+00 to Sta. 62+00 -Y11REV2- LT
Sta. 56+00 to Sta. 62+00 -Y11REV2- RT



Modified Silt Basin
Type 'B'
96 x 32 x 3
29 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 39.3

96 x 32 x 3
2.0 inch Skimmer
with 1.875 inch
Orifice Diameter
29 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 39.3

60 x 15 x 3
1.5 inch Skimmer
with 1.0 inch
Orifice Diameter
6 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 39.4

Modified Silt Basin
Type 'B'
60 x 15 x 3
6 ft. weir
(See Tiered Skimmer
Basin Detail)
ID 39.4

66 x 33 x 3
1.5 inch Skimmer
with 1.25 inch
Orifice Diameter
8 ft. weir
ID 39.2

J. MORGAN COMPANY