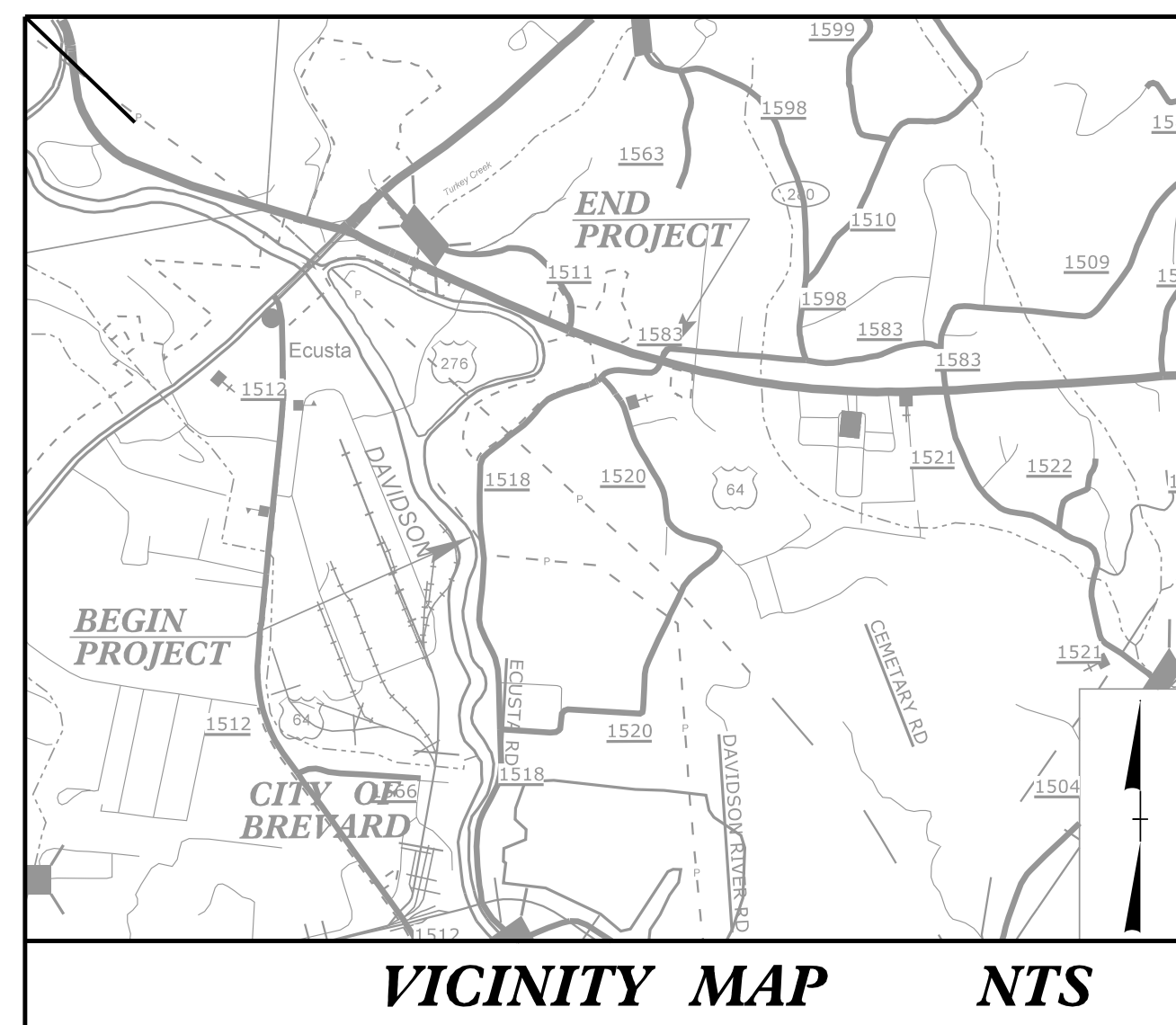


REV. DRAINAGE INVS. & SUE DIAGRAMS UO-8, 7, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 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.

**TIP PROJECT: R-5799**



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

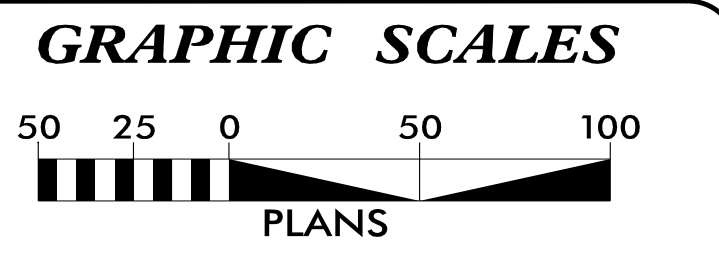
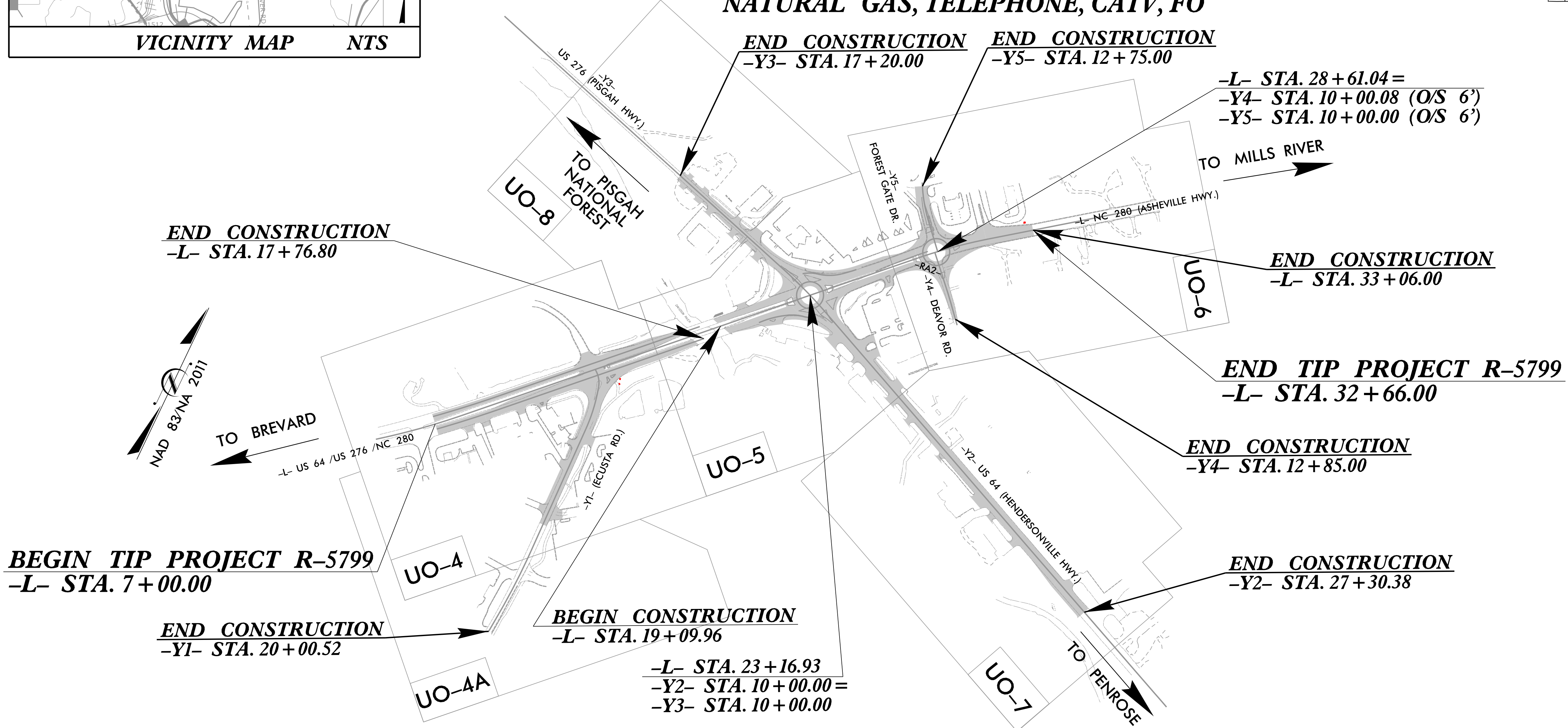
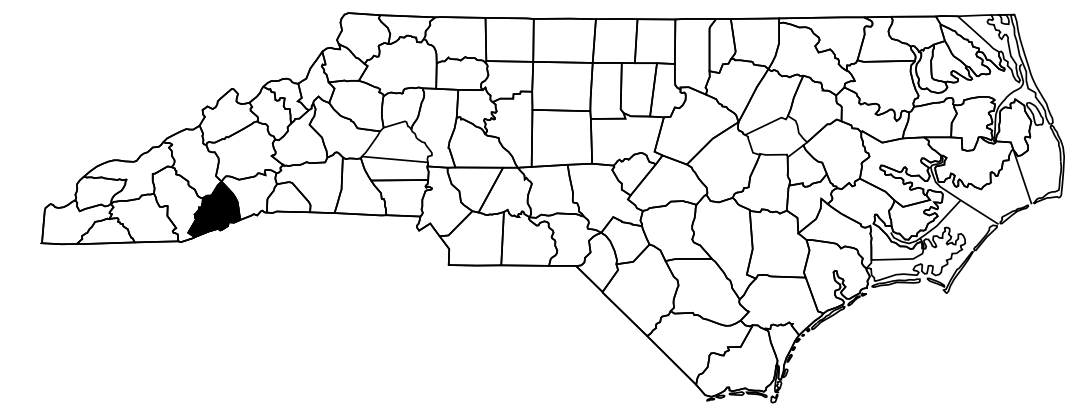
**UTILITIES BY OTHERS PLANS  
TRANSYLVANIA COUNTY**

**LOCATION: US 64 AT NC 280 / US 64 INTERSECTION IMPROVEMENTS**

**TYPE OF WORK: RELOCATION OF POWER, NATURAL GAS, TELEPHONE, CATV, FO**

T.I.P. NO.	SHEET NO.
R-5799	UO-1

**NOTE:**  
ALL UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR UTILITY WORK SHOWN ON THIS SHEET.



**INDEX OF SHEETS**

SHEET NO.:	DESCRIPTION:
UO-1	TITLE SHEET
UO-2	UTILITY SYMBOLOGY SHEET
UO-3	OMITTED
UO-4 THRU UO-8	UBO PLAN SHEETS

**UTILITY OWNERS ON PROJECT**

(A) POWER - DUKE ENERGY  
(B) TELEPHONE - COMPORIUM  
(C) GAS - DOMINION ENERGY  
(D) CABLE TV- COMPORIUM  
(E) FIBER OPTIC - OPTIMUM  
(F) FIBER OPTIC - AT&T LD

**UTILITIES SHOWN ON UC PLANS**

(G) SEWER - CITY OF BREVARD  
(H) WATER - CITY OF BREVARD

PREPARED IN THE OFFICE OF:

**Vaughn & Melton**  
Consulting Engineers  
Asheville, North Carolina  
828.253.2796

Nick V. Asaro PROJECT UTILITY MANAGER  
James Montgomery PROJECT UTILITY COORDINATOR

**DIVISION OF HIGHWAYS  
UTILITIES UNIT**  
1555 MAIL SERVICES CENTER  
RALEIGH, NC 27699-1555  
PHONE (919) 707-6690  
FAX (919) 250-4151

Michael Bright, P.E. UTILITIES REGIONAL ENGINEER  
Bob Golding DIVISION UTILITY ENGINEER  
Amy Dupree UTILITIES AREA COORDINATOR  
Lynn Kieselhorst, PG DIVISION UTILITY COORD.












TRANSPORTATION\31734-10 R-5799 PISGAH FOREST\UTILITIES\R5799-UTL-UO-1.DGN







STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

# UTILITIES PLAN SHEET SYMBOLS









## PROPOSED WATER SYMBOLS








Water Line (Sized as Shown)	
11¼ Degree Bend	
22½ Degree Bend	
45 Degree Bend	
90 Degree Bend	
Plug	
Tee	
Cross	
Reducer	
Gate Valve	
Butterfly Valve	
Tapping Valve	
Line Stop	
Line Stop with Bypass	
Blow Off	
Fire Hydrant	
Relocate Fire Hydrant	
Remove Fire Hydrant	
Water Meter	
Relocate Water Meter	
Remove Water Meter	
Water Pump Station	
RPZ Backflow Preventer	
DCV Backflow Preventer	
Relocate RPZ Backflow Preventer	
Relocate DCV Backflow Preventer	

## PROPOSED SEWER SYMBOLS



















Gravity Sewer Line (Sized as Shown)	
Force Main Sewer Line (Sized as Shown)	
Manhole (Sized per Note)	
Sewer Pump Station	




















## PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Telephone Pedestal	
Utility Line by Others (Type as Shown)	
Trenchless Installation	
Encasement by Open Cut	
Encasement	

Thrust Block	
Air Release Valve	
Utility Vault	
Concrete Pier	
Steel Pier	
Plan Note	
Pay Item Note	

## EXISTING UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Utility Pole	
Utility Pole with Base	
H-Frame Pole	
Power Transmission Line Tower	
Water Manhole	
Power Manhole	
Telephone Manhole	
Sanitary Sewer Manhole	
Hand Hole for Cable	
Power Transformer	
Telephone Pedestal	
CATV Pedestal	
Gas Valve	
Gas Meter	
Located Miscellaneous Utility Object	
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

*Underground Power Line	
*Underground Telephone Cable	
*Underground Telephone Conduit	
*Underground Fiber Optics Telephone Cable	
*Underground TV Cable	
*Underground Fiber Optics TV Cable	
*Underground Gas Pipeline	
Aboveground Gas Pipeline	
*Underground Water Line	
Aboveground Water Line	
*Underground Gravity Sanitary Sewer Line	
Aboveground Gravity Sanitary Sewer Line	
*Underground SS Forced Main Line	
Underground Unknown Utility Line	
SUE Test Hole	
Water Meter	
Water Valve	
Fire Hydrant	
Sanitary Sewer Cleanout	

\*For Existing Utilities  
 Utility Line Drawn from Record ..... W .....  
 (Type as Shown)  
 Designated Utility Line ..... W .....  
 (Type as Shown)



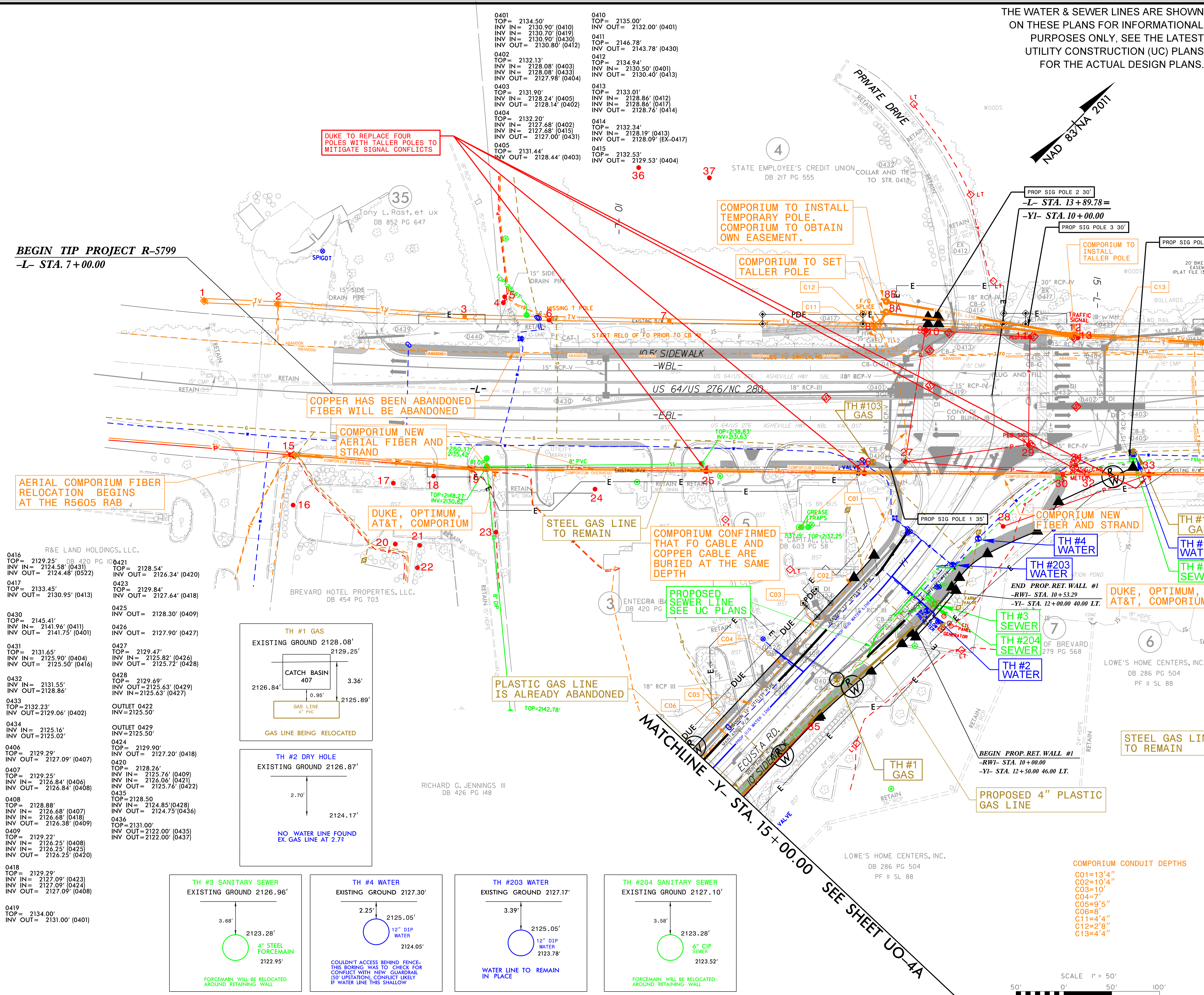
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 SUE INFORMATION ADDED 10/29/20  
 REV. DRAINAGE REV. ADDED 03/16/20  
 MORRIS BROADBAND PLANS ADDED 07/10/20  
 DOMINION ENERGY PLANS ADDED 07/28/19  
 DUKE REVISED PLAN ADDED 06/05/19  
 DUKE REV. DRAINAGE 2/14/18

THE WATER & SEWER LINES ARE SHOWN ON THESE PLANS FOR INFORMATIONAL PURPOSES ONLY, SEE THE LATEST UTILITY CONSTRUCTION (UC) PLANS FOR THE ACTUAL DESIGN PLANS.

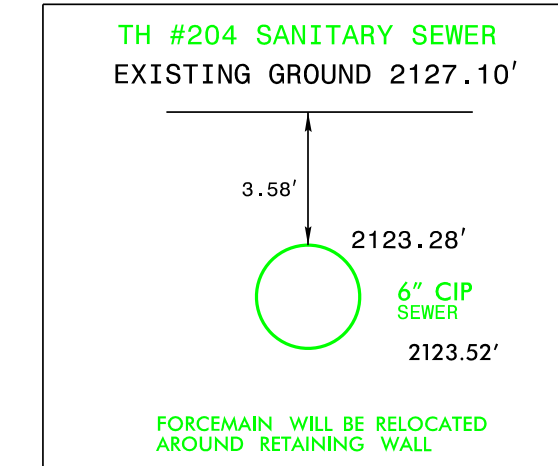
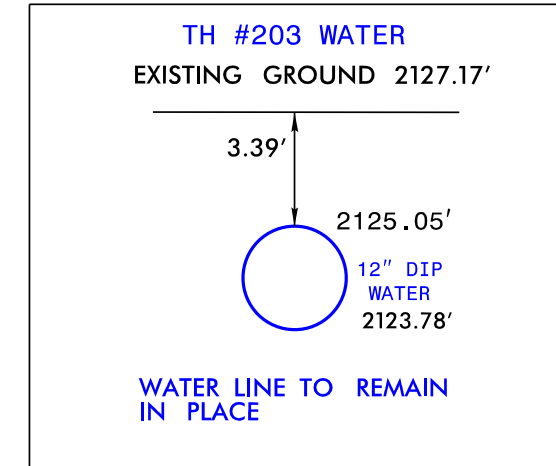
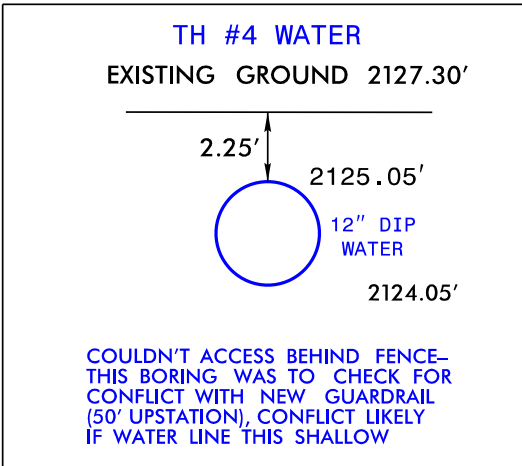
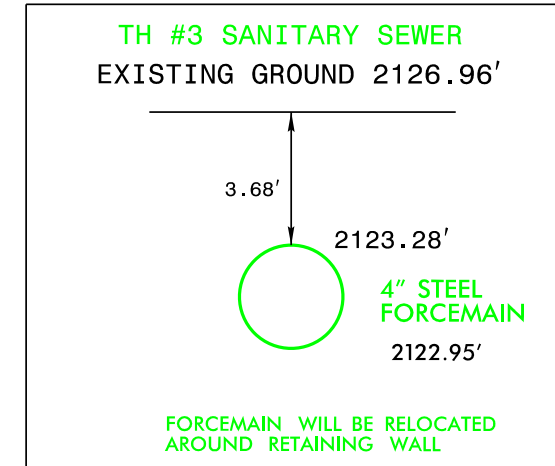
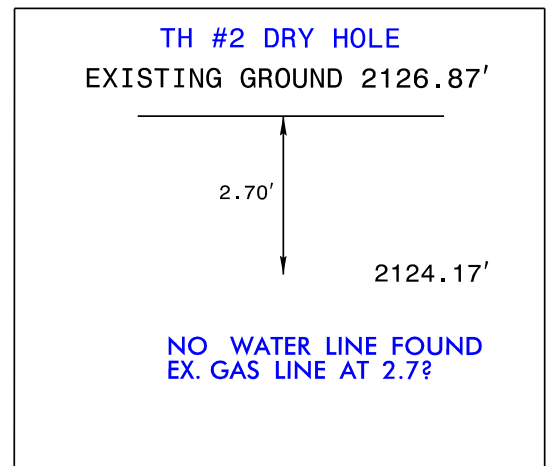
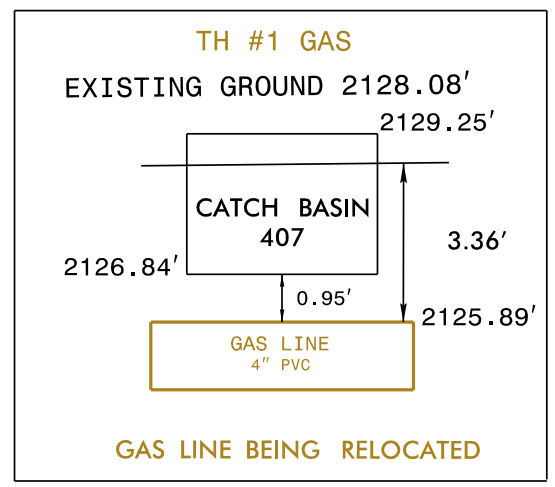
**UTILITIES BY OTHERS**  
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**BEGIN TIP PROJECT R-5799**  
 -L- STA. 7+00.00

MATCHLINE -L- STA. 16+50 SEE SHEET UO-5

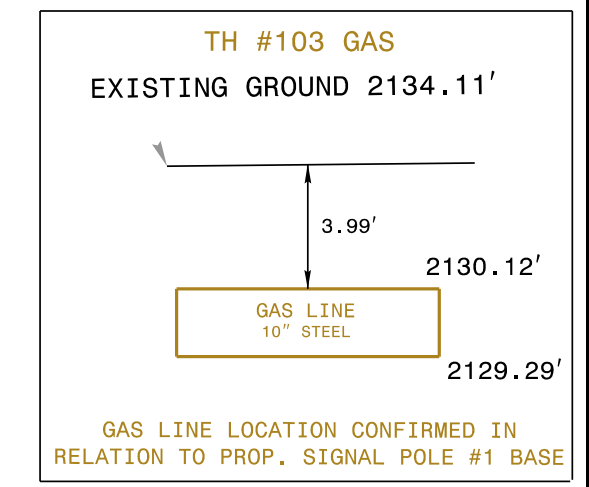
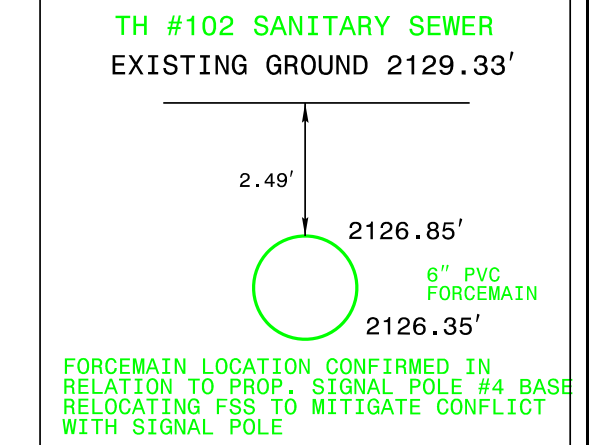
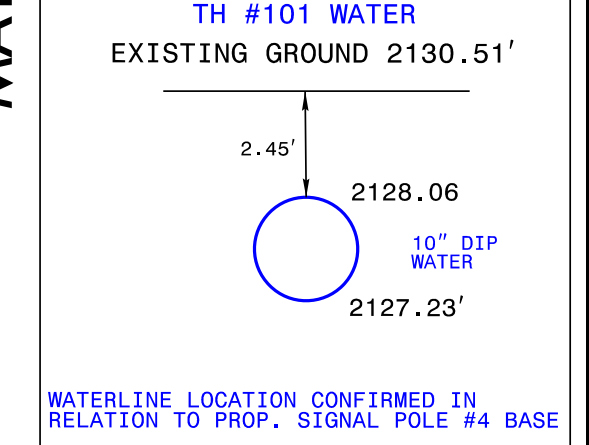
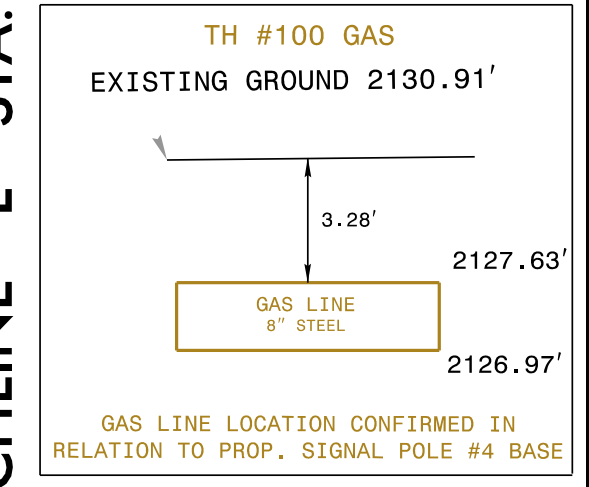
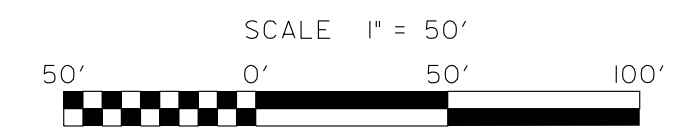


0416 TOP= 2129.25' INV IN= 2124.58' (0431) INV OUT= 2124.48' (0522)	0421 TOP= 2128.54' INV OUT= 2126.34' (0420)
0417 TOP= 2133.45' INV IN= 2130.95' (0413)	0423 TOP= 2129.84' INV OUT= 2127.64' (0418)
0430 TOP= 2145.41' INV IN= 2141.96' (0411) INV OUT= 2141.75' (0401)	0425 INV OUT= 2128.30' (0409)
0431 TOP= 2131.65' INV IN= 2125.90' (0404) INV OUT= 2125.50' (0416)	0426 TOP= 2129.47' INV IN= 2125.82' (0426) INV OUT= 2125.72' (0428)
0432 TOP= 2131.55' INV IN= 2128.86'	0428 TOP= 2129.69' INV IN= 2125.63' (0429) INV IN= 2125.63' (0427)
0433 TOP= 2132.23' INV OUT= 2129.06' (0402)	OUTLET 0422 INV= 2125.50'
0434 INV IN= 2125.16' INV OUT= 2125.02'	OUTLET 0429 INV= 2125.50'
0406 TOP= 2129.29' INV OUT= 2127.09' (0407)	0424 TOP= 2129.90' INV OUT= 2127.20' (0418)
0407 TOP= 2129.25' INV IN= 2126.84' (0406) INV OUT= 2126.84' (0408)	0420 TOP= 2128.26' INV IN= 2125.76' (0409) INV IN= 2126.06' (0421) INV OUT= 2125.76' (0422)
0408 TOP= 2128.88' INV IN= 2126.68' (0407) INV IN= 2126.68' (0418) INV OUT= 2126.38' (0409)	0435 TOP= 2128.50' INV IN= 2124.85' (0428) INV IN= 2124.75' (0436)
0409 TOP= 2129.22' INV IN= 2126.25' (0408) INV IN= 2126.25' (0423) INV OUT= 2126.25' (0420)	0436 TOP= 2131.00' INV OUT= 2122.00' (0435) INV OUT= 2122.00' (0437)
0418 TOP= 2129.29' INV IN= 2127.09' (0423) INV IN= 2127.09' (0424) INV OUT= 2127.09' (0408)	
0419 TOP= 2134.00' INV OUT= 2131.00' (0401)	



**COMPORIUM CONDUIT DEPTHS**

C01=13'4"
C02=10'4"
C03=10'
C04=7'
C05=9'5"
C06=8'
C11=4'4"
C12=2'8"
C13=4'4"



**V&M**  
 Vaughn & Melton  
 Consulting Engineers

Charlotte, North Carolina 704-357-9888  
 Tri-Cities, Tennessee 423-467-8401  
 Knoxville, Tennessee 865-546-5800  
 Asheville, North Carolina 828-253-2786  
 Spartanburg, South Carolina 864-574-4775

ASHEVILLE  
 North Carolina  
 828-253-2796

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### UTILITIES BY OTHERS

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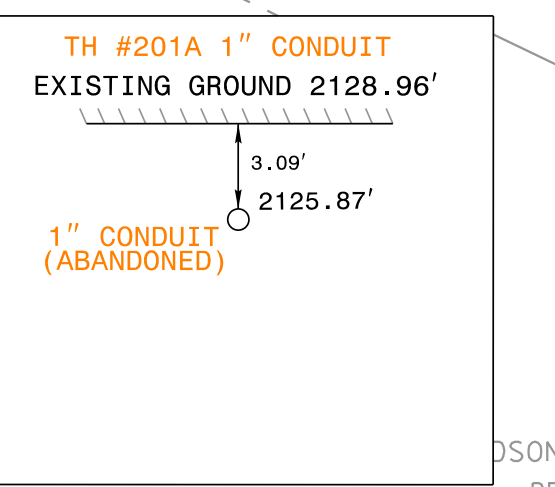
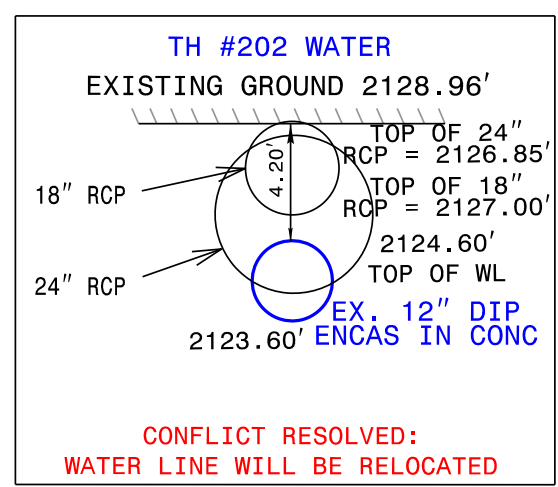
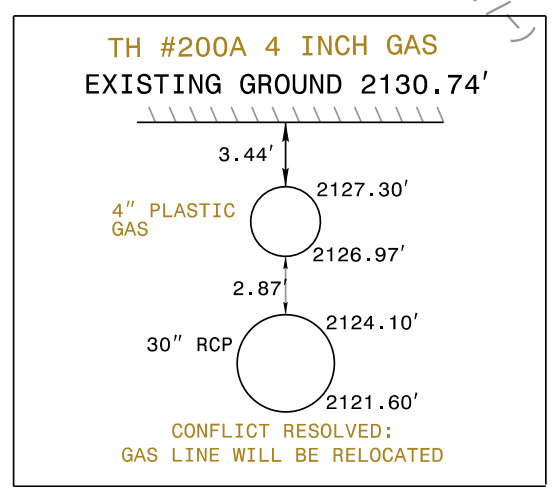
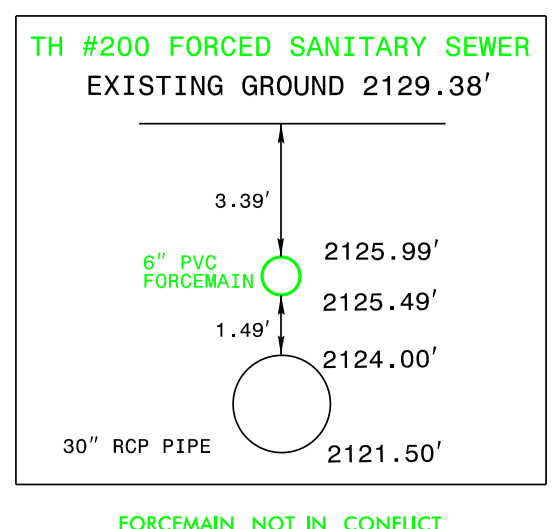
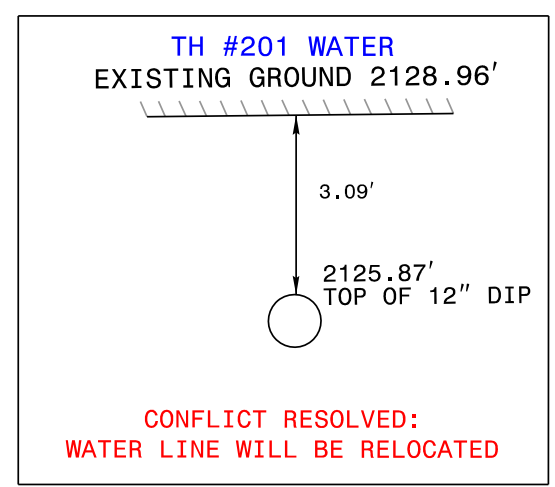
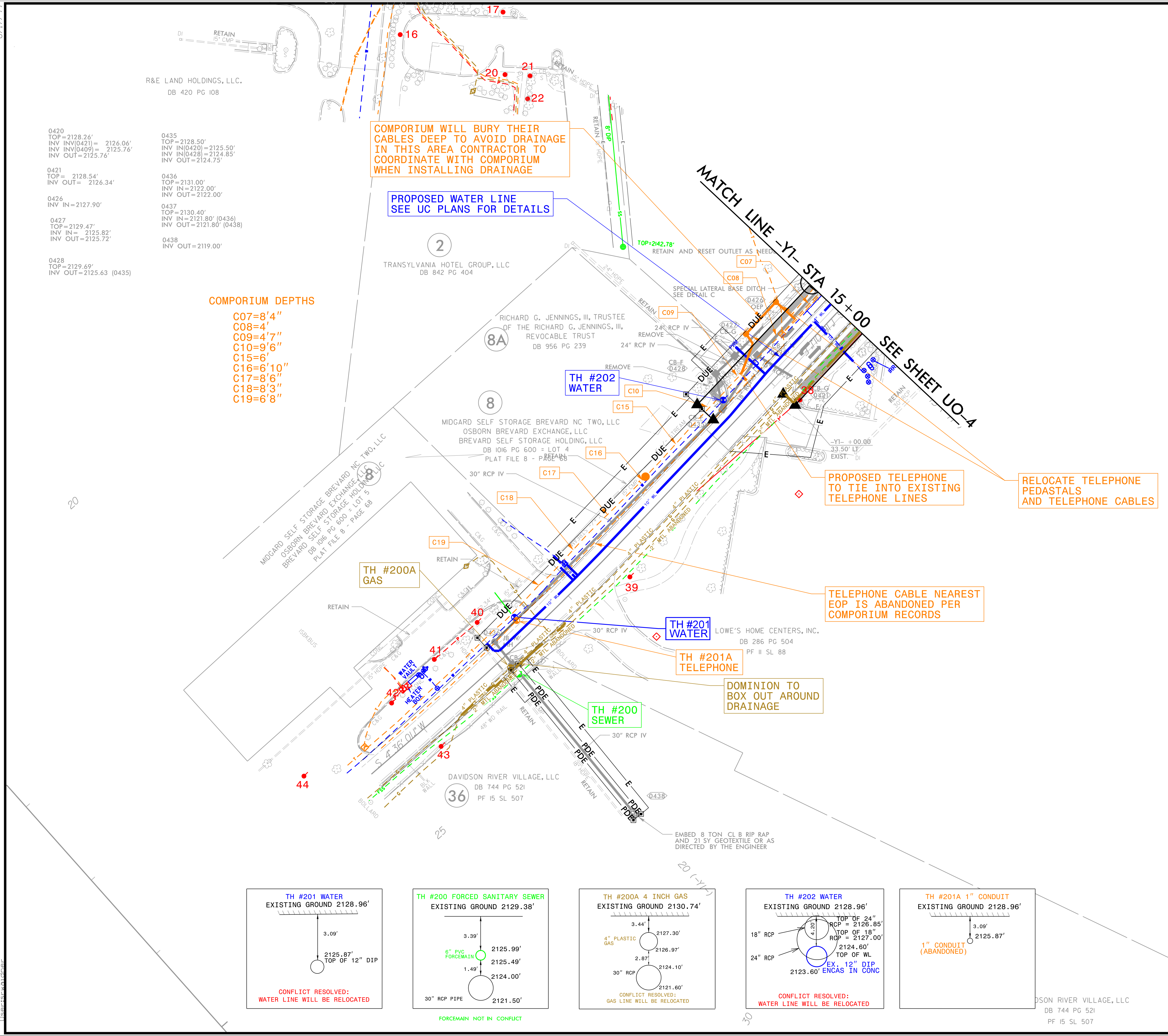
0420 TOP=2128.26' INV IN(0421)= 2126.06' INV IN(0409)= 2125.76' INV OUT=2125.76'	0435 TOP=2128.50' INV IN(0420)=2125.50' INV IN(0428)=2124.85' INV OUT=2124.75'
0421 TOP= 2128.54' INV OUT= 2126.34'	0436 TOP=2131.00' INV IN=2122.00' INV OUT=2122.00'
0426 INV IN=2127.90'	0437 TOP=2130.40' INV IN=2121.80' (0436) INV OUT=2121.80' (0438)
0427 TOP=2129.47' INV IN= 2125.82' INV OUT=2125.72'	0438 INV OUT=2119.00'
0428 TOP=2129.69' INV OUT=2125.63 (0435)	

- COMPORIUM DEPTHS**
- C07=8'4"
  - C08=4'
  - C09=4'7"
  - C10=9'6"
  - C15=6'
  - C16=6'10"
  - C17=8'6"
  - C18=8'3"
  - C19=6'8"

COMPORIUM WILL BURY THEIR CABLES DEEP TO AVOID DRAINAGE IN THIS AREA CONTRACTOR TO COORDINATE WITH COMPORIUM WHEN INSTALLING DRAINAGE

PROPOSED WATER LINE  
SEE UC PLANS FOR DETAILS

MATCH LINE -Y1- STA 15+00 SEE SHEET UO-4

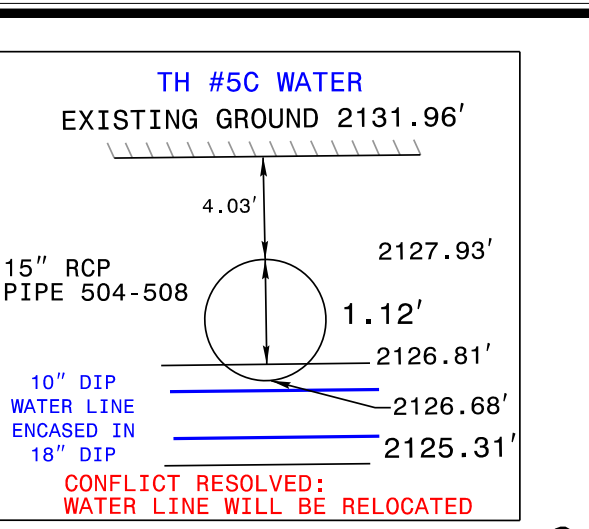
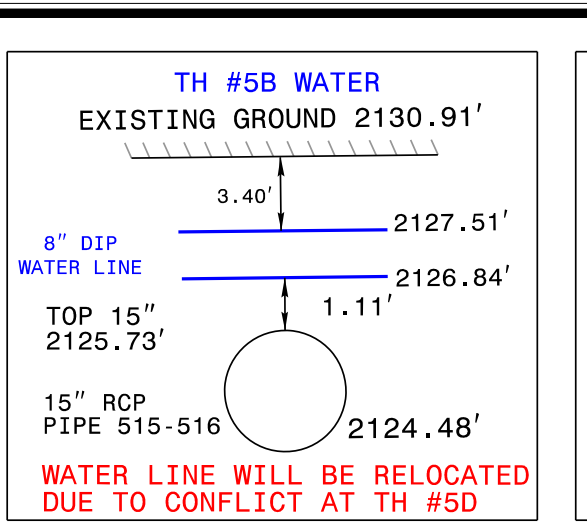
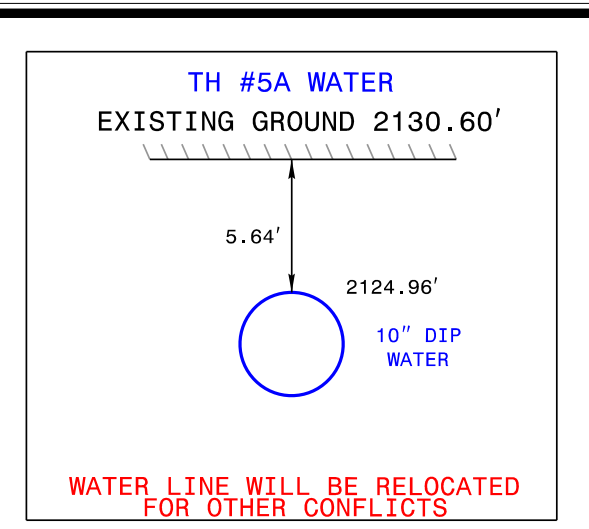


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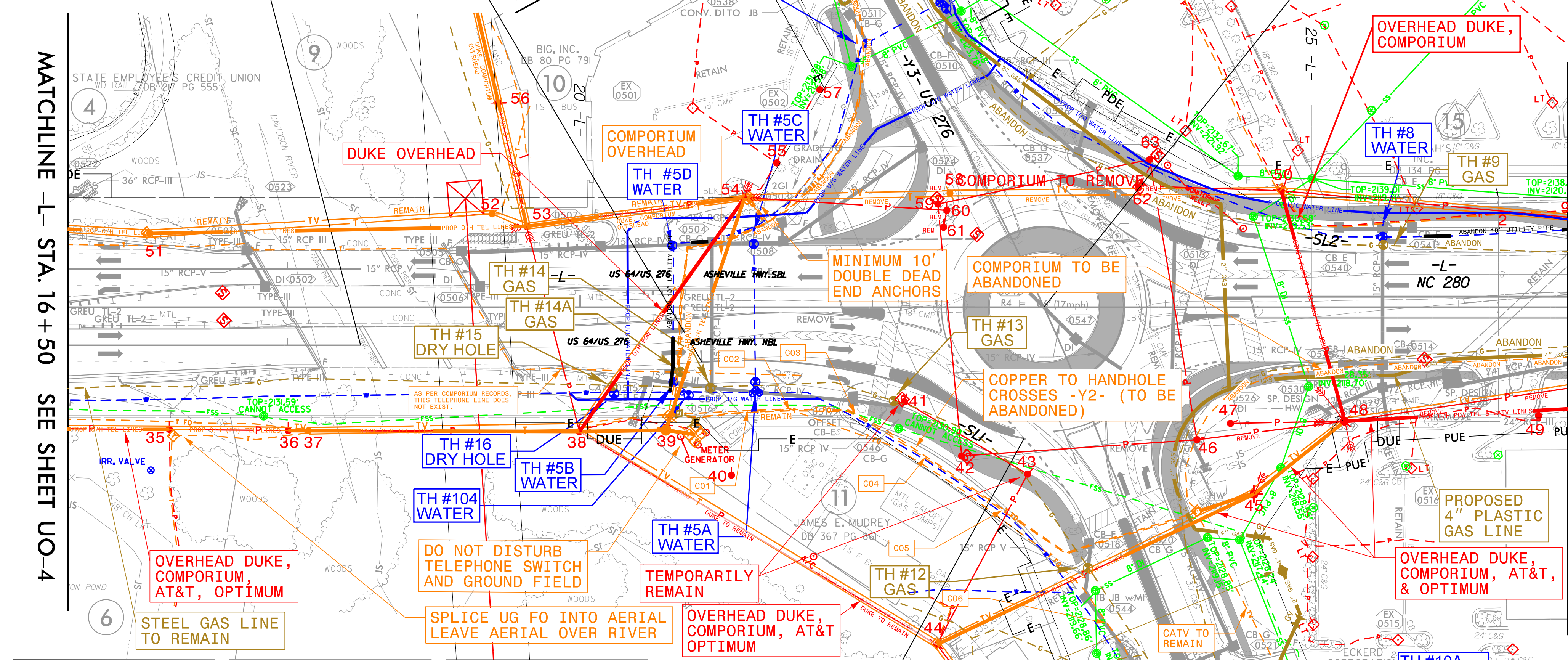
DAVIDSON RIVER VILLAGE, LLC  
DB 744 PG 521  
PF 15 SL 507



REV. DRAINAGE INVS. & SUE DIAGRAMS, UO-5 & 7, 11/11/20  
 SUE INFORMATION ADDED 10/28/20  
 REVISED DRAINAGE ADDED 6/30/20  
 MORRIS BROADBAND PLANS ADDED 01/10/20  
 DOMINION ENERGY PLANS ADDED 11/27/19  
 DUKE ENERGY PLANS ADDED 06/08/19  
 DUKE REVISED PLAN ADDED 4/26/19  
 REV. DRAINAGE 2/15/19  
 9/14/18



-L- STA. 18+50.00 (26' RT/LT) =  
 WBL- STA. 18+50.00 =  
 -EBL- STA. 18+50.00 =  
 -SL1- STA. 10+00.00 =  
 -L- STA. 20+83.23 (37.55' RT)

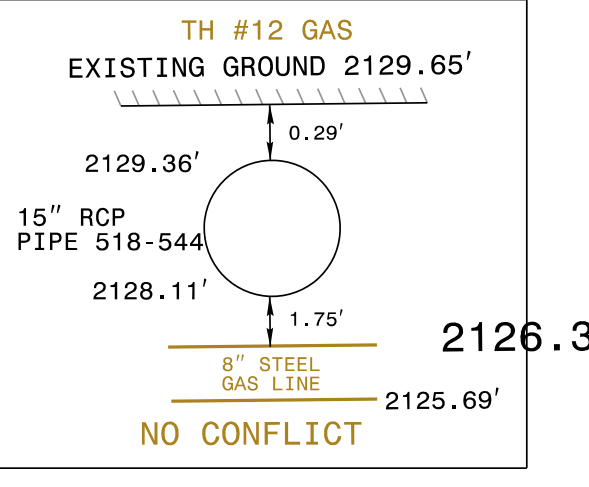
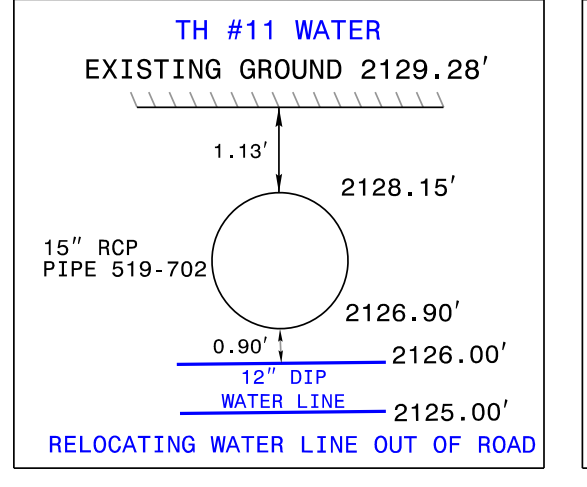
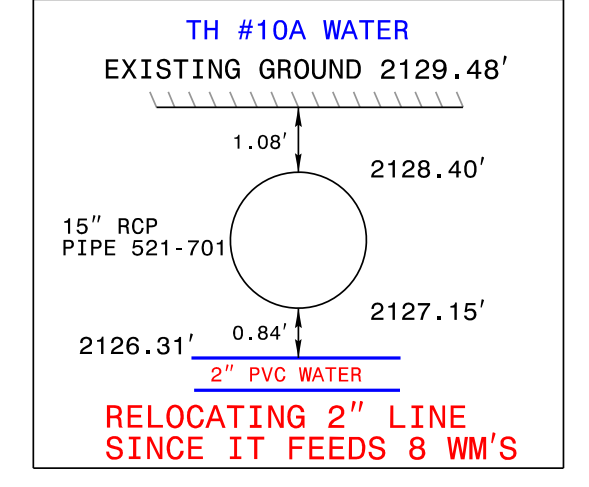
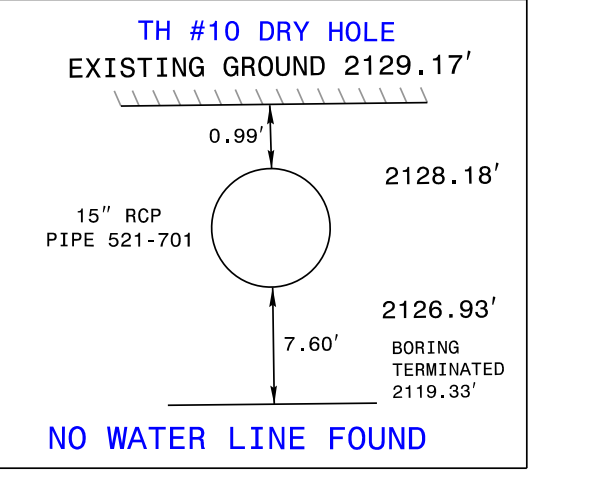
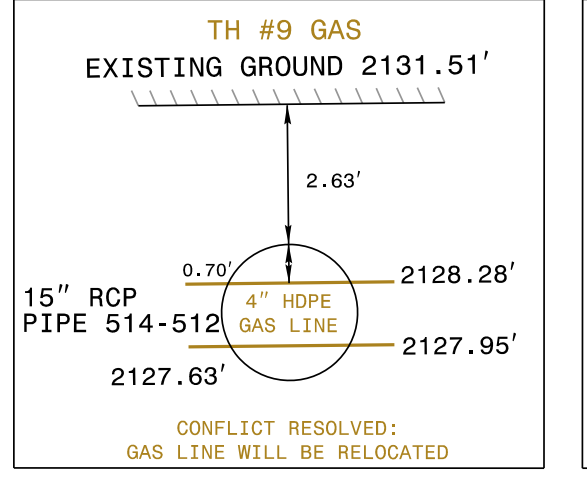
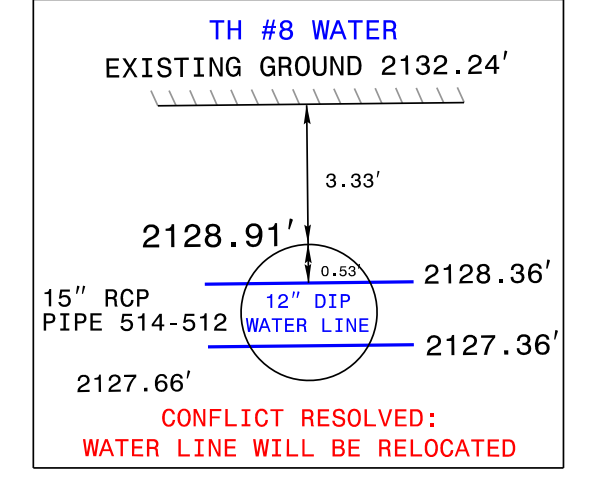
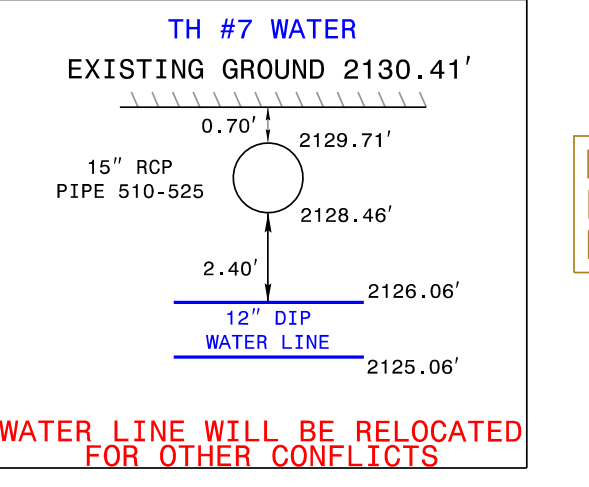
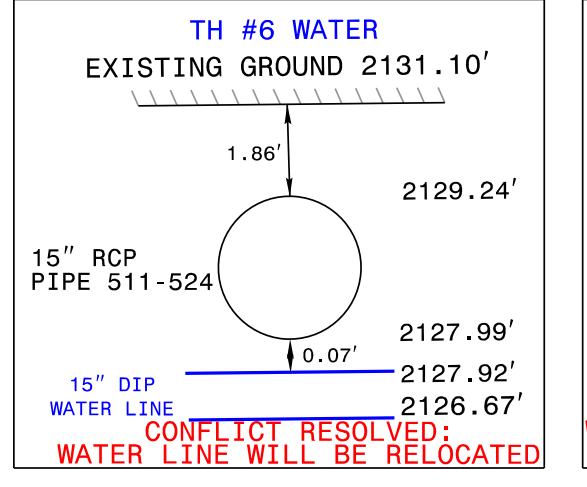
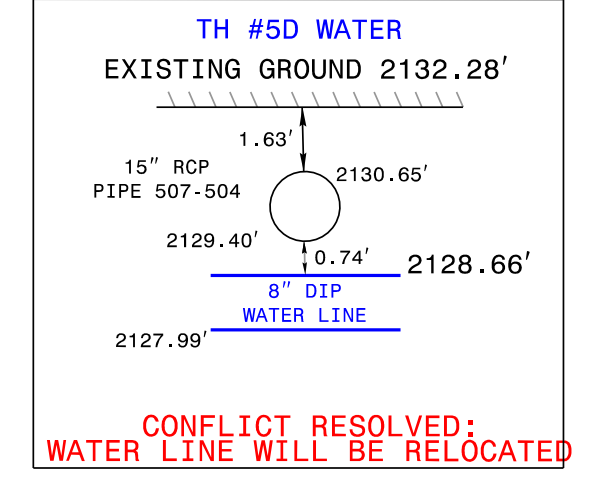


THE WATER & SEWER LINES ARE SHOWN ON THESE PLANS FOR INFORMATIONAL PURPOSES ONLY, SEE THE LATEST UTILITY CONSTRUCTION (UC) PLANS FOR THE ACTUAL DESIGN PLANS.

PROJECT REFERENCE NO. R-5799	SHEET NO. UO-5
THIS SHEET CORRESPONDS TO RDY-5	
<b>UTILITIES BY OTHERS</b>	
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.	

0501 TOP=2133.14' INV IN=2128.70' (0502) INV OUT=2128.60' (0523)	0513 TOP=2132.52' INV IN=2126.80' (0526) INV OUT=2126.90' (0537)	0525 TOP=2130.88' INV OUT=2128.63' (0510)
0502 TOP=2132.17' INV OUT=2129.00' (0501)	0514 TOP=2131.20' INV IN=2127.15' (0529) INV IN=2119.70' (0601)	0528 TOP=2131.50' INV IN=2128.20' (0545) INV IN=2127.25' (0512)
0503 TOP=2131.70' INV OUT=2128.95' (0508)	0515 TOP=2132.34' INV OUT=2126.60' (0531) INV IN=2126.60' (0516)	0529 TOP=2130.70' INV OUT=2119.30' (0530)
0504 TOP=2132.12' INV IN=2127.57' INV OUT=2127.00' (0516)	0516 TOP=2131.86' INV IN=2127.00' (0504) INV IN=2127.98' (0517) INV OUT=2127.57' (0515)	0530 INV IN=2119.00' (0529)
0505 TOP=2133.60' INV IN=2130.40' (0506) INV OUT=2130.30' (0507)	0517 TOP=2131.45' INV IN=2128.45' (0546) INV OUT=2127.98' (0516)	0536 TOP=2130.30' INV OUT=2128.08' (0537)
0506 TOP=2133.70' INV IN=2130.53' (0505)	0518 TOP=2131.26' INV OUT=2128.26' (0544)	0537 TOP=2132.16' INV IN=2127.60' (0510) INV IN=2127.60' (0536) INV OUT=2127.35' (0513)
0507 TOP=2132.76' INV IN=2129.86' (0505) INV OUT=2129.76' (0504)	0519 TOP=2130.50' INV OUT=2127.20' (0702) INV IN=2127.30' (0521) INV IN=2127.40' (0544)	0538 TOP=2131.61' INV OUT=2126.90' (0806)
0508 TOP=2131.77' INV IN=2127.80' (0503) INV OUT=2127.57' (0504)	0520 TOP=2131.30' INV OUT=2128.30' (0802)	0540 TOP=2130.91' INV OUT=2127.91' (0512)
0509 TOP=2131.30' INV OUT=2128.30' (0802)	0521 TOP=2130.50' INV IN=2128.33' (0520) INV OUT=2127.50' (0521)	0541 TOP=2130.93' INV OUT=2127.93' (0512)
0510 TOP=2131.46' INV IN=2128.35' (0525) INV OUT=2128.25' (0537)	0522 TOP=2131.16' INV OUT=2128.90'	0544 TOP=2131.65' INV IN=2127.93' (0518) INV OUT=2127.83' (0519)
0511 TOP=2131.16' INV OUT=2128.90'	0523 TOP=2130.90' INV IN=2127.78' (0540) INV OUT=2127.68' (0514)	0545 TOP=2131.81' INV OUT=2128.81' (0514)
0512 TOP=2130.90' INV IN=2127.78' (0540) INV OUT=2127.68' (0514)	0524 TOP=2131.90' INV IN=2128.40' (0511) INV OUT=2128.40' (0508)	0546 TOP=2131.68' INV OUT=2128.55' (0517)

CONTRACTOR TO COORDINATE WITH DOMINION ENERGY OPERATION & MAINTENANCE TO INSTALL ROCK SHIELDS DURING DRAINAGE CONSTRUCTION



-Y2- STA. 10+77.68 ( 47.98' RT)

-SL1- STA. 12+30.43 =

-Y2- STA. 10+77.68 ( 47.98' RT)

DOMINION WILL ACQUIRE EASEMENT FOR NEW REGULATOR STATION

REMAIN

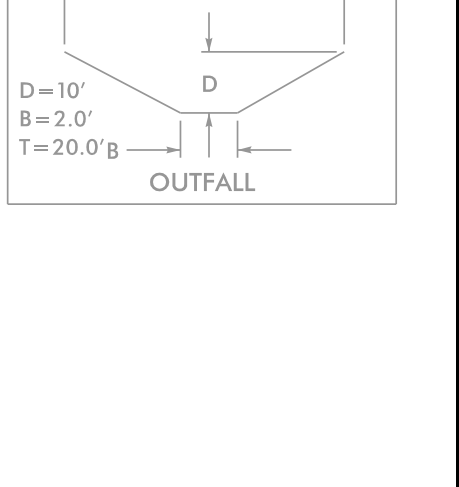
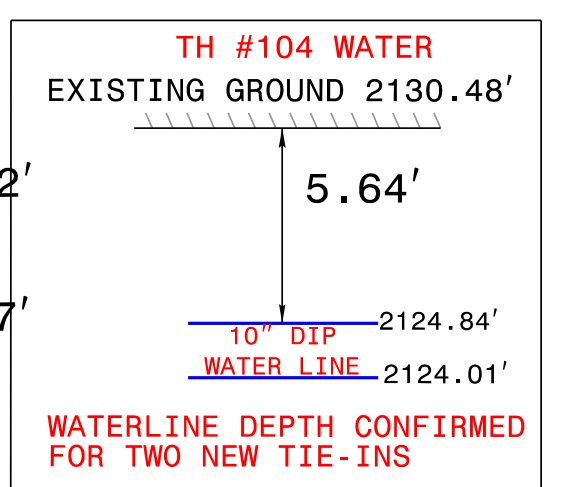
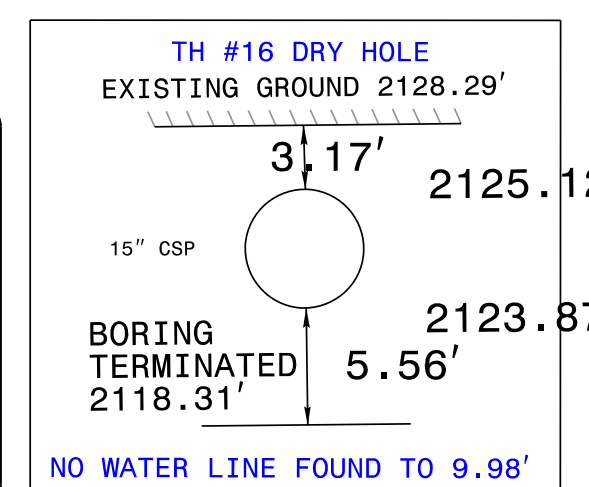
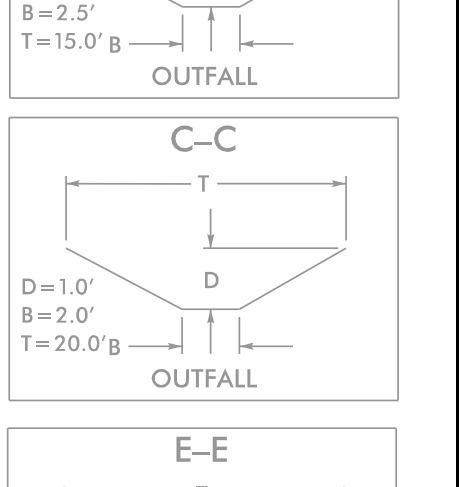
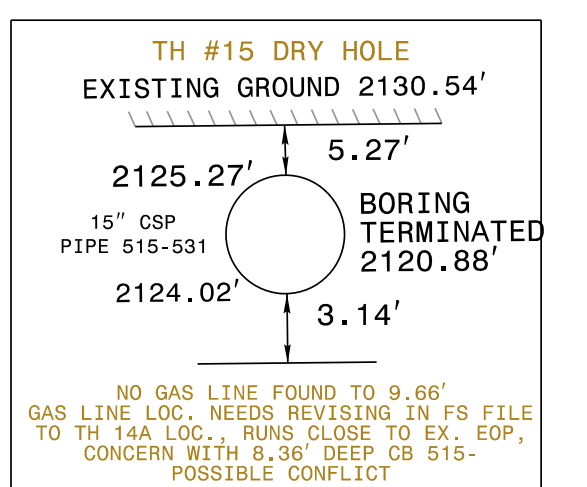
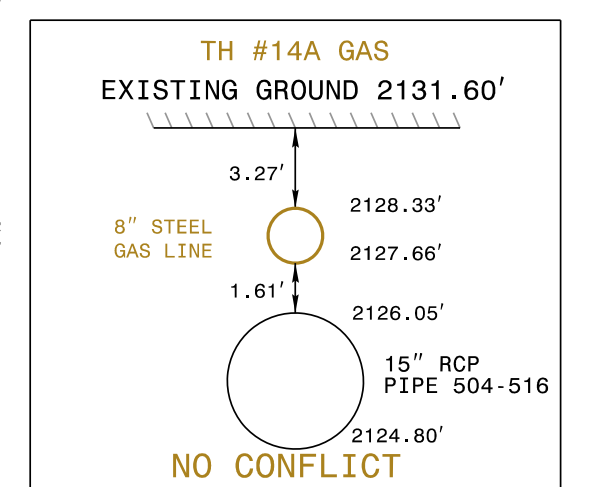
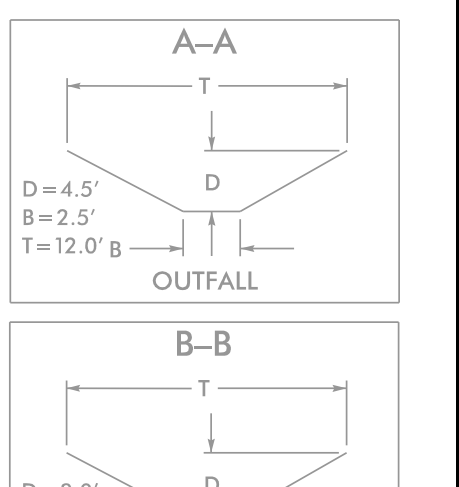
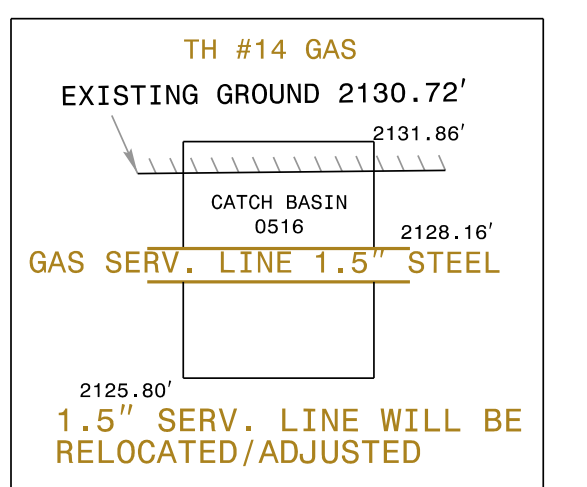
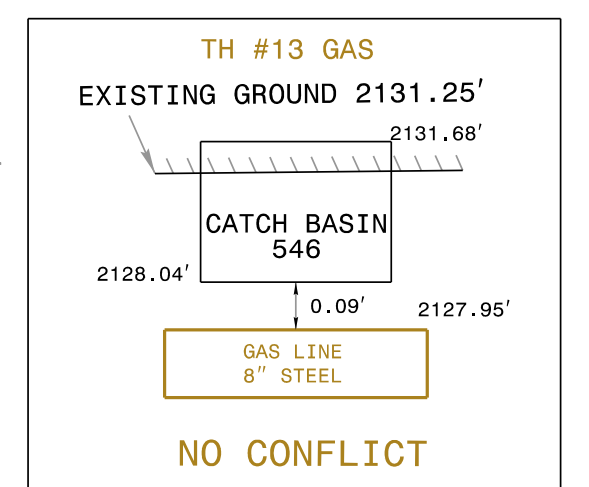
COMPORIUM CONDUIT DEPTHS  
 C01=3'6"  
 C02=5'6"  
 C03=6'2"  
 C04=6'9"  
 C05=6'3"  
 C06=4'11"

C07=5'9"  
 C08=5'0"  
 C09=4'11"  
 C10=6'0"  
 C11=6'3"  
 C12=5'6"

COMPORIUM FO TO REMAIN

HAS COPPER AND FIBER OPTIC IN IT

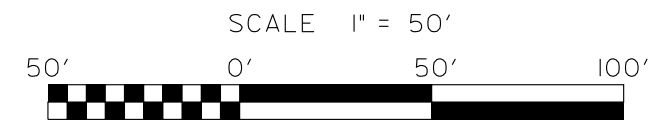
COMPORIUM FO TO REMAIN



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 Knoxville, Tennessee 865-546-5800  
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 New Bern, North Carolina 252-530-6106  
 Spartanburg, South Carolina 864-574-4775

TRANSPORTATION 141734-10-R-5799-PISGAH FOREST UTILITIES R5799\_UO-5.DGN

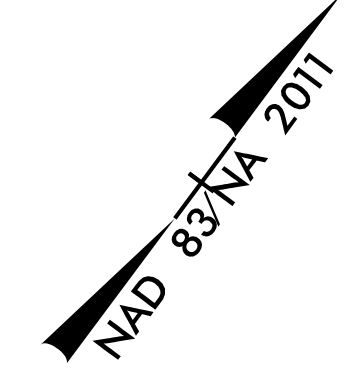
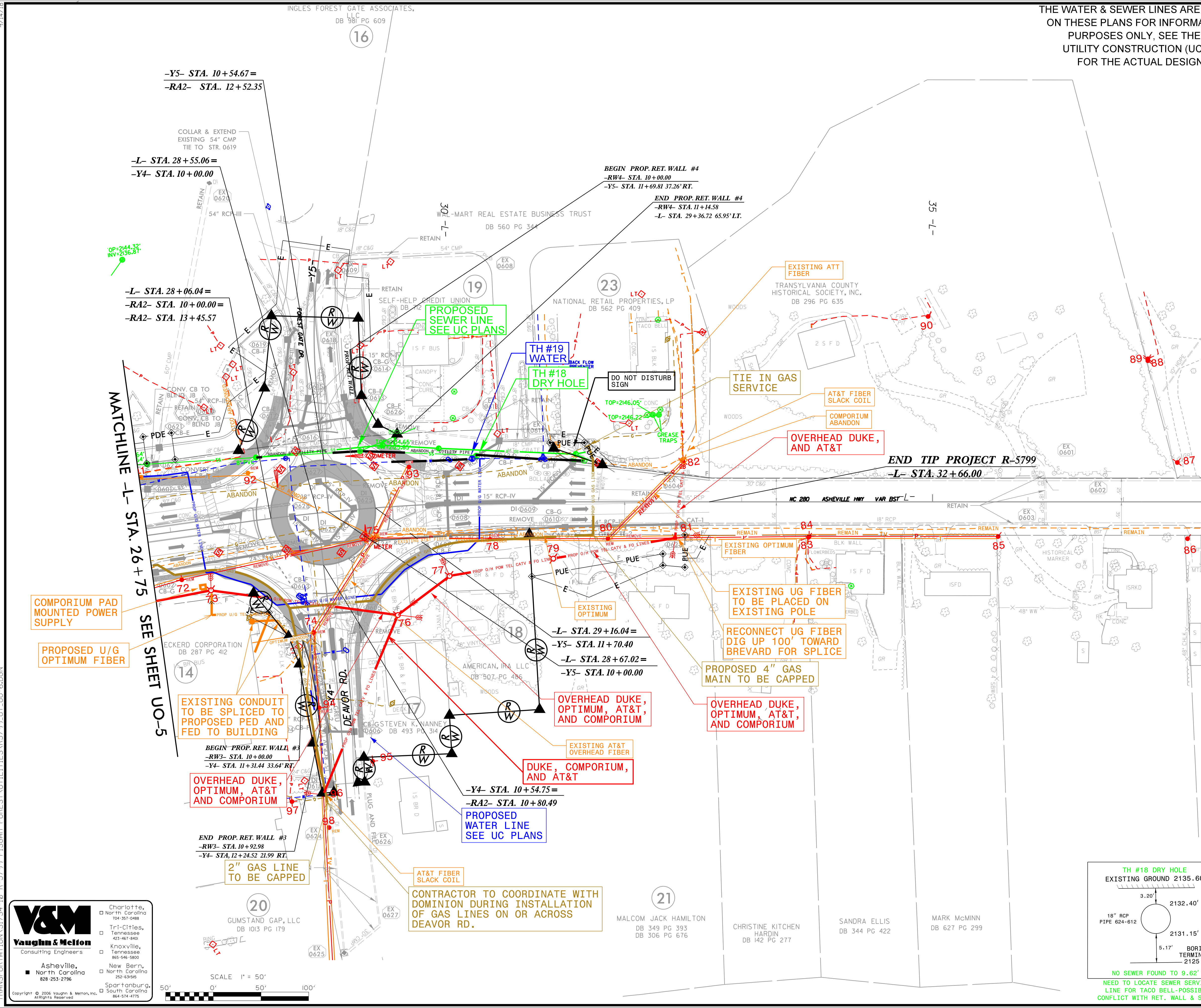




REV. DRAINAGE INVS. & SUE DIAGRAMS, UD-5 & 7 11/11/20  
 SUE INFORMATION ADDED 10/29/20  
 REV. DRAINAGE REV. ADDED 03/16/20  
 MORRIS BROADBAND PLANS ADDED 03/10/20  
 DOMINION ENERGY PLANS ADDED 07/08/19  
 DUKE REVISED PLAN ADDED 06/05/19  
 DUKE REV. DRAINAGE 2/7/19

THE WATER & SEWER LINES ARE SHOWN ON THESE PLANS FOR INFORMATIONAL PURPOSES ONLY, SEE THE LATEST UTILITY CONSTRUCTION (UC) PLANS FOR THE ACTUAL DESIGN PLANS.

PROJECT REFERENCE NO.	SHEET NO.
R-5799	UO-6
THIS SHEET CORRESPONDS TO RDY-6	
<b>UTILITIES BY OTHERS</b>	
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.	

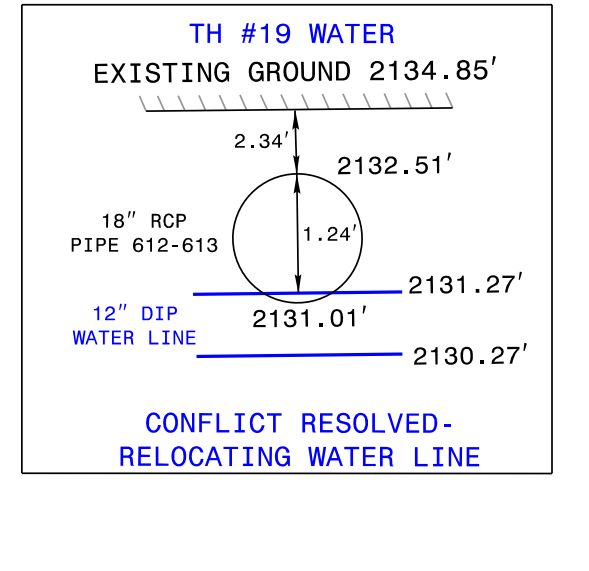
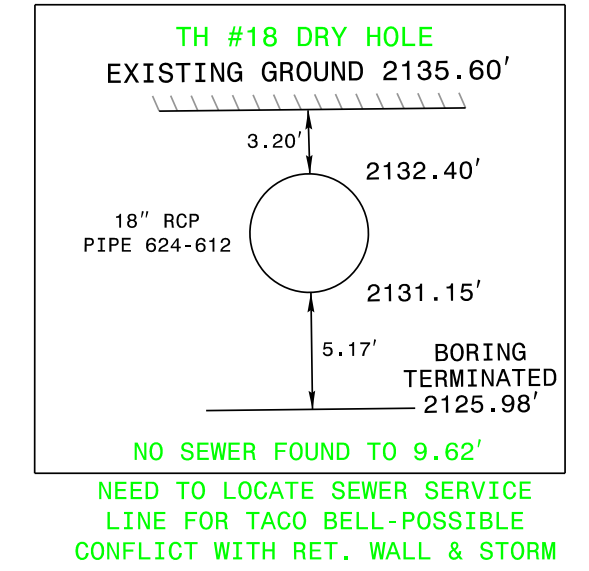
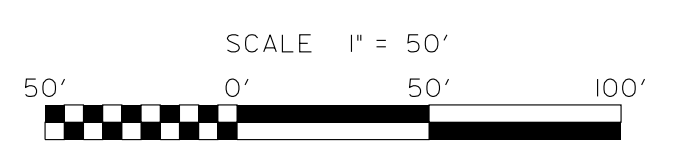


0601 TOP= 2131.54' INV IN= 2121.89' (0620) INV OUT= 2121.89' (0528)	0615 TOP= 2134.00' INV IN= 2130.83' (0616) 0616 TOP= 2133.26' INV IN= 2129.50' (0613) INV OUT= 2130.09' (0615)
0602 TOP= 2131.70' INV IN= 2124.00' (0629) INV OUT= 2123.90' (0528)	0617 TOP= 2133.00' INV IN= 2129.00' (0616) INV OUT= 2126.80' (0620)
0603 TOP= 2131.36' INV IN= 2127.90' (0605) INV OUT= 2127.80' (0604)	0618 TOP= 2132.58' INV IN= 2121.20' (0604) INV OUT= 2121.20' (0604)
0604 TOP= 2124.80' INV IN= 2121.40' (0603) INV OUT= 2121.40' (0606)	0619 TOP= 2139.11' INV IN= 2128.50' (EX-0609) INV OUT= 2128.40' (0617)
0605 TOP= 2131.21' INV OUT= 2128.20' (0603)	0620 TOP= 2133.84' INV IN= 2125.00' (0617) INV OUT= 2124.90' (0601)
0606 TOP= 2124.80' INV OUT= 2121.80' (0604)	0621 TOP= 2138.62' INV IN= 2128.40' (0610) INV OUT= 2128.30' (0629)
0607 TOP= 2132.00' INV IN= 2128.40' (0608) INV OUT= 2128.30' (0629)	0622 TOP= 2138.24' INV IN= 2122.58' (0621) INV OUT= 2122.58' (0601)
0608 TOP= 2132.76' INV IN= 2128.80' (0609) INV OUT= 2128.80' (0612)	0623 TOP= 2137.55' INV OUT= 2132.10' (0610)
0609 TOP= 2134.35' INV IN= 2131.28' (0611) INV OUT= 2131.18' (0608)	0624 TOP= 2136.22' INV IN= 2130.30' (0623) INV OUT= 2130.20' (0607)
0610 TOP= 2134.59' INV IN= 2130.30' (0623) INV OUT= 2130.20' (0607)	0625 TOP= 2134.00' INV IN= 2131.50' (0627) INV OUT= 2131.40' (0629)
0611 TOP= 2136.07' INV OUT= 2133.07' (0609)	0626 TOP= 2132.93' INV IN= 2129.90' (0608)
0612 TOP= 2133.11' INV IN= 2130.00' (0624) INV OUT= 2129.75' (0616)	0627 TOP= 2134.00' INV OUT= 2131.75' (0625)
0613 TOP= 2132.93' INV IN= 2130.10' (0614) INV IN= 2129.85' (0626) INV OUT= 2129.75' (0616)	0628 TOP= 2134.00' INV OUT= 2131.75' (0629)
0614 TOP= 2133.24' INV OUT= 2130.24' (0614)	0629 TOP= 2134.00' INV IN= 2131.10' (0625) INV IN= 2126.70' (0607) INV OUT= 2126.60' (0602)

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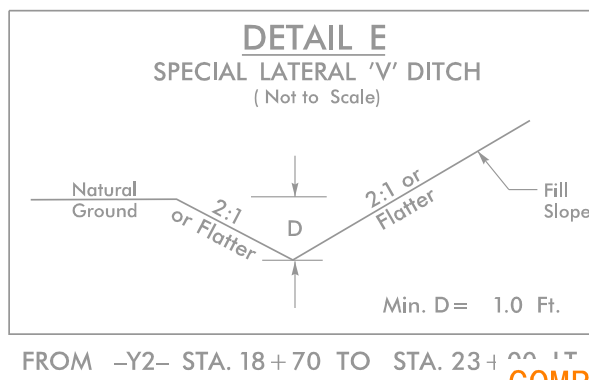
Charlotte, North Carolina 704-351-9488  
 Tri-Cities, Tennessee 423-467-8400  
 Knoxville, Tennessee 865-546-5800  
 Asheville, North Carolina 828-293-2196  
 New Bern, North Carolina 252-639-9595  
 Spartanburg, South Carolina 864-574-4775

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REV. DRAINAGE INVS. & SUE DIAGRAMS, UD-5 & 7 11/11/20  
 SUE INFORMATION ADDED 10/28/20  
 REV. DRAINAGE REV. ADDED 03/16/20  
 MORRIS BROADBAND PLANS ADDED 01/10/20  
 ADMIN. ENERGY PLANS ADDED 07/08/19  
 DUKE REVISED PLAN ADDED 06/05/19  
 REV. DRAINAGE 2/14/18



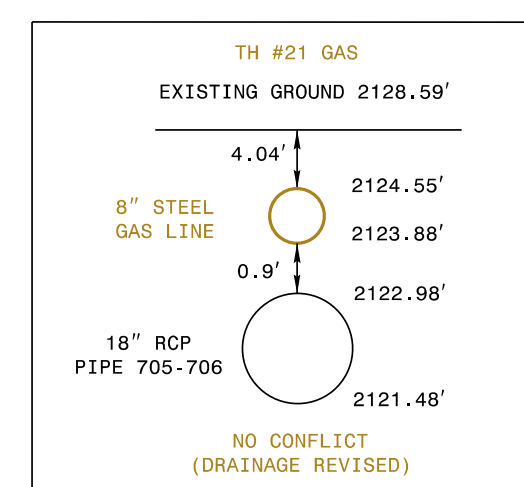
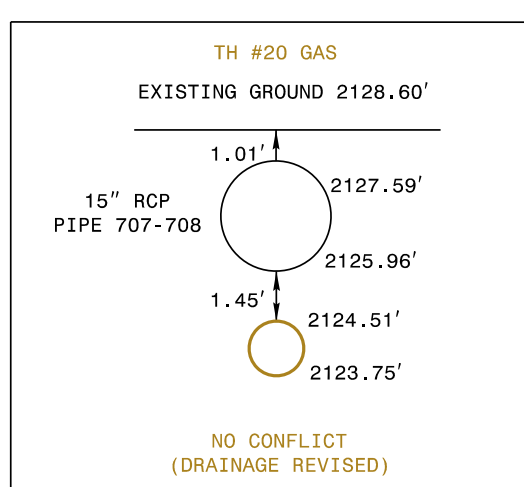
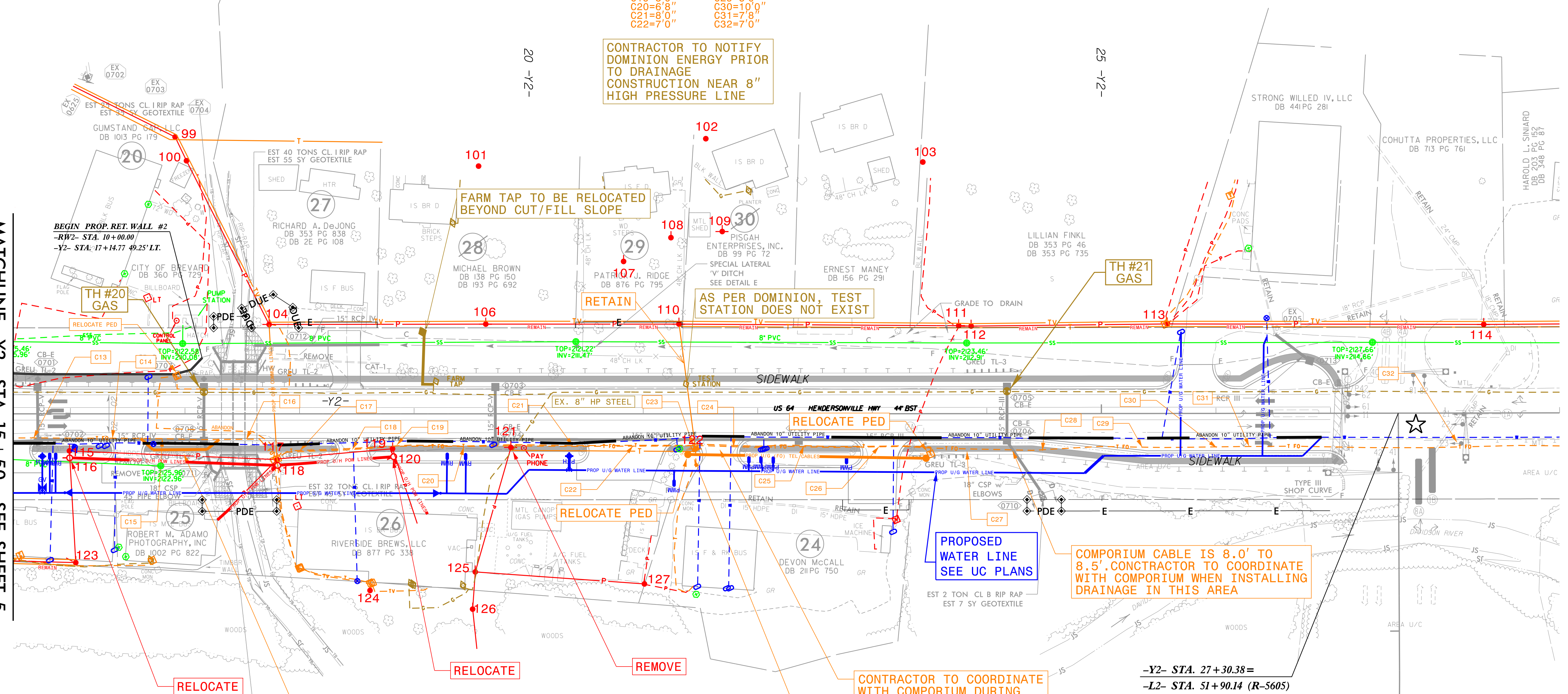
COMPORIUM CONDUIT DEPTHS

C13=5'10"	C23=4'0"
C14=6'5"	C24=6'10"
C15=5'5"	C25=8'3"
C16=2'7"	C26=7'0"
C17=3'0"	C27=8'0"
C18=6'0"	C28=8'6"
C19=8'0"	C29=8'0"
C20=6'8"	C30=10'0"
C21=8'0"	C31=7'8"
C22=7'0"	C32=7'0"

THE WATER & SEWER LINES ARE SHOWN ON THESE PLANS FOR INFORMATIONAL PURPOSES ONLY, SEE THE LATEST UTILITY CONSTRUCTION (UC) PLANS FOR THE ACTUAL DESIGN PLANS.

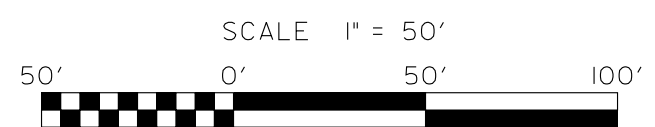
PROJECT REFERENCE NO. R-5799 SHEET NO. UD-7  
 THIS SHEET CORRESPONDS TO RDY-7  
**UTILITIES BY OTHERS**  
 ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS. NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR PROPOSED UTILITY WORK SHOWN ON THIS SHEET.

MATCHLINE -Y2- STA 15+50 SEE SHEET 5



0701	TOP=2128.70'	INV IN=2125.70' (0702)
0702	TOP=2128.70'	INV IN=2125.50' (0701) INV OUT=2125.40' (0708)
0703	TOP=2128.30'	INV IN=2125.30' (0704) INV OUT=2125.30' (0704)
0704	TOP=2128.30'	INV IN=2125.00' (0703) INV OUT=2124.90' (0709)
0705	TOP=2128.00'	INV IN=2121.50' (0706) INV OUT=2121.50' (0706)
0706	TOP=2128.00'	INV IN=2121.20' (0705) INV IN=2122.50' (0709) INV OUT=2121.20' (0710)
0707	TOP=2129.19'	INV OUT=2126.19' (0708)
0708	TOP=2129.19'	INV IN=2124.60' (0702) INV IN=2125.90' (0707) INV OUT=2124.50' (0711)

0709	TOP=2128.60'	INV IN=2123.50' (0704) INV OUT=2123.40' (0706)
OUTLET 0710	INV=2118.40'	
OUTLET 0711	INV=2119.00'	
0712	TOP=2117.90'	INV IN=2117.90' INV OUT=2117.50'
0713	TOP=2127.41'	INV OUT=2124.41'



TRANSPORTATION 31734-10 R-5799 PISCAGAH FOREST UTILITIES R5799 UT UD-7.DGN



REV. DRAINAGE INVS. & SUE DIAGRAMS, UO-5 & 7 11/11/20  
 SUE INFORMATION ADDED 10/29/20  
 REV. DRAINAGE REV. ADDED 03/16/20  
 MORRIS BROADBAND PLANS ADDED 01/10/20  
 DOMINION ENERGY PLANS ADDED 07/28/19  
 DUKE REVISED PLAN ADDED 06/05/19  
 DUKE REV. DRAINAGE 2/14/18

0801  
 TOP = 2130.70'  
 INV IN = 2127.30' (0803)  
 INV OUT = 2127.20' (0802)

0802  
 TOP = 2130.72'  
 INV IN = 2126.80' (0509)  
 INV IN = 2126.80' (0801)  
 INV IN = 2126.80' (0807)  
 INV OUT = 2126.60' (0805)

0803  
 TOP = 2131.10'  
 INV OUT = 2128.10' (0801)

0804  
 TOP = 2130.73'  
 INV OUT = 2127.50' (0805)

0805  
 TOP = 2130.69'  
 INV IN = 2128.10' (0802)  
 INV IN = 2126.00' (0804)  
 INV OUT = 2123.10' (0806)

0806  
 TOP = 2129.86'  
 INV IN = 2122.90' (0805)  
 INV IN = 2125.46' (0538)

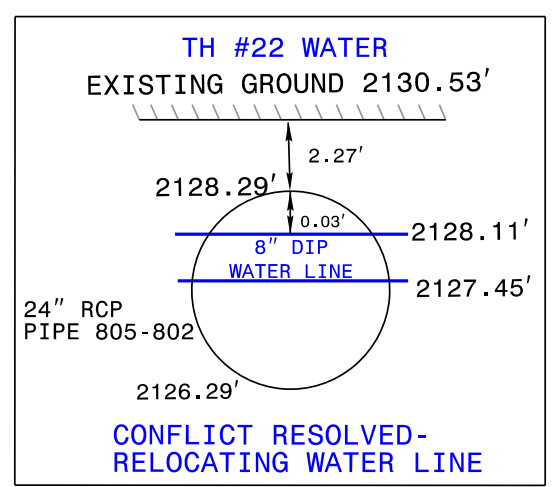
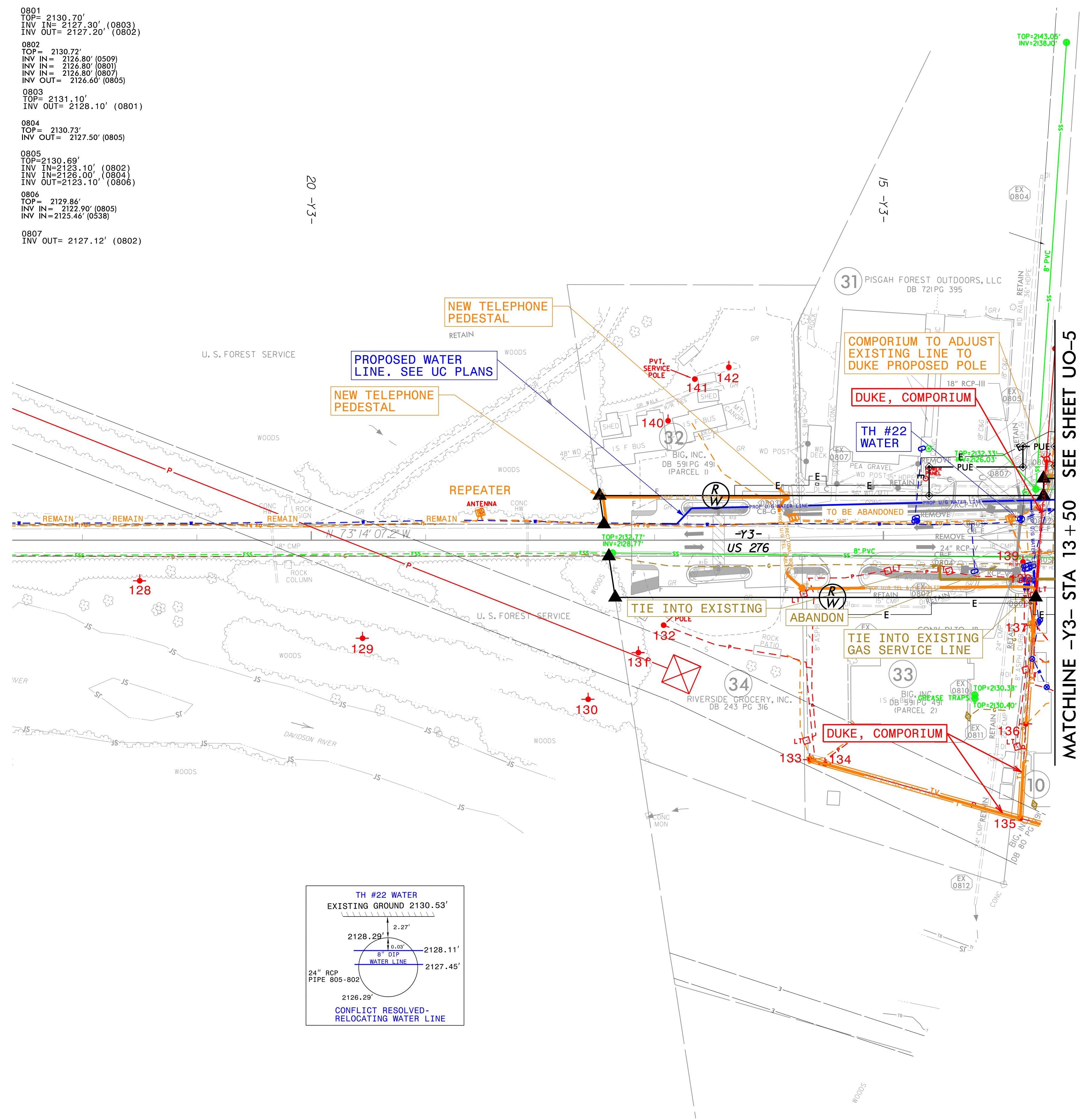
0807  
 INV OUT = 2127.12' (0802)

PROJECT REFERENCE NO.	SHEET NO.
R-5799	UO-8
THIS SHEET CORRESPONDS TO RDY-8	

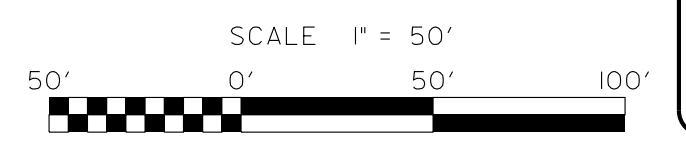
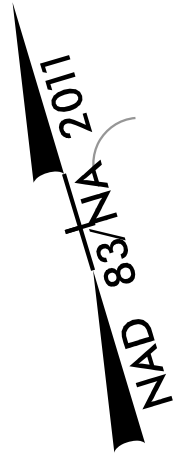
**UTILITIES BY OTHERS**

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MATCHLINE -Y3- STA 13+50 SEE SHEET UO-5



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