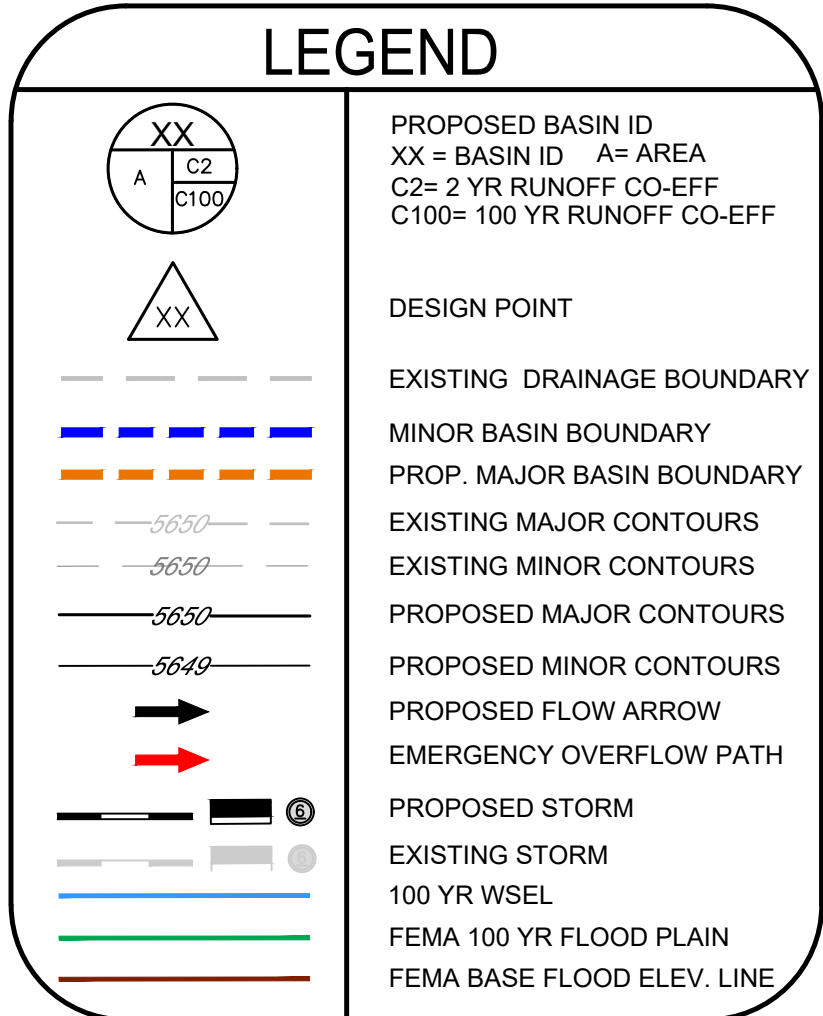


Basin	Area	C2	C100	% Imp.	Q2	Q100
U-1	1.67	0.67	0.76	75.3	2.6	8.7
U-1a	0.98	0.63	0.79	75.9	1.4	5.2
U-1b	2.37	0.63	0.81	77.0	3.6	13.4
U-2	1.39	0.66	0.75	74.4	2.3	7.7
U-2a	0.37	0.65	0.83	80.0	0.7	2.5
U-2b	0.72	0.57	0.72	66.8	1.1	3.9
U-2c	1.03	0.65	0.83	80.0	1.7	6.4
U-3	1.03	0.56	0.72	67.2	1.6	5.9
U-4	1.03	0.53	0.72	65.2	1.2	4.6
U-5	2.84	0.46	0.70	54.1	3.3	14.8
U-6	0.52	0.52	0.71	64.3	0.6	2.5
U-7	1.36	0.52	0.71	64.7	1.5	5.8
U-8	2.31	0.51	0.71	63.7	2.3	9.6
U-10	5.15	0.37	0.67	42.7	4.0	20.9
U-11	1.84	0.51	0.71	62.3	1.9	7.9
U-12	4.16	0.50	0.71	60.6	4.1	16.9
U-13	3.09	0.65	0.74	72.6	4.0	13.1
U-13a	1.49	0.62	0.80	76.0	2.4	9.0
U-13b	0.66	0.53	0.66	59.5	0.9	3.2
U-13c	1.19	0.62	0.79	75.5	1.7	6.3
U-14	0.17	0.69	0.75	75.5	0.3	1.1
U-15	1.68	0.49	0.70	62.4	1.7	7.2
U-16	4.13	0.57	0.62	58.9	5.2	16.8
U-17	0.35	0.44	0.49	41.3	0.4	1.4
U-18	0.34	0.57	0.65	61.4	0.6	1.9
U-19	0.13	0.68	0.75	75.1	0.2	0.8
U-19a	0.46	0.65	0.82	79.7	0.7	2.6
U-20	3.08	0.72	0.77	79.1	3.1	9.7
U-21	1.22	0.77	0.83	86.5	2.4	7.5
U-22	0.99	0.20	0.25	8.3	1.7	6.0

Design Point Summary		
	Q2 (fcs)	Q10 (fcs)
1U	6.4	22.9
1A1U	1.4	5.2
1B1U	3.6	13.4
2U	5.4	16.9
2A2U	0.7	2.5
2B2U	1.1	3.9
2C2U	1.7	6.4
3U	1.6	5.9
4U	1.2	4.6
5U	3.3	14.8
6U	0.6	2.5
7U	1.5	5.8
8U	2.3	9.6
10U	4.0	20.9
11U	1.9	7.9
12U	4.1	17.1
13U	7.9	27.7
13A1U	2.4	9.0
13B1U	0.9	3.2
13C1U	1.7	6.3
14U	0.3	1.1
15U	1.7	7.2
16U	5.2	16.8
17U	0.4	1.4
18U	0.6	1.9
19U	0.9	3.2
19A1U	0.7	2.6
20U	3.1	9.7
21U	2.4	7.5
22U	1.7	6.0

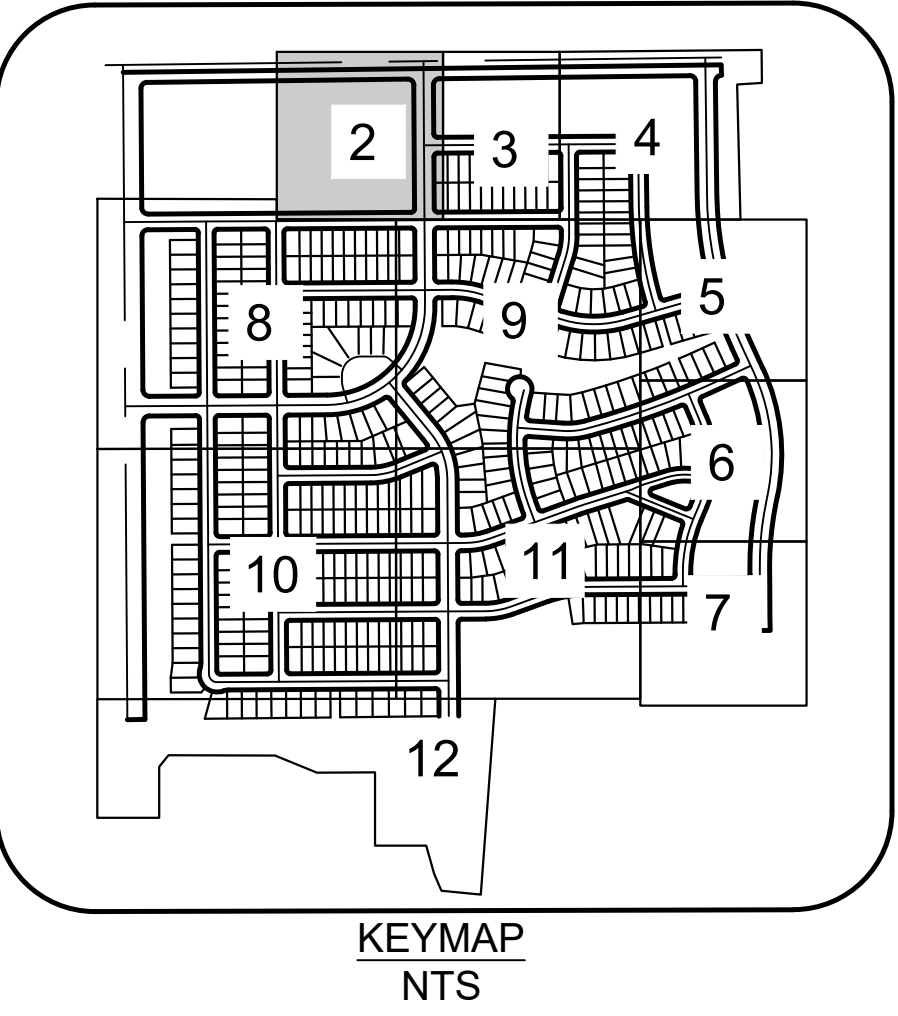
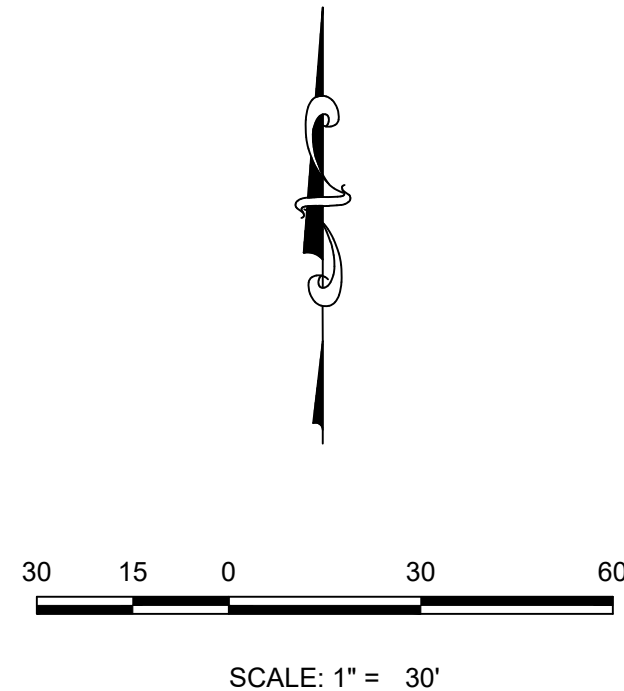
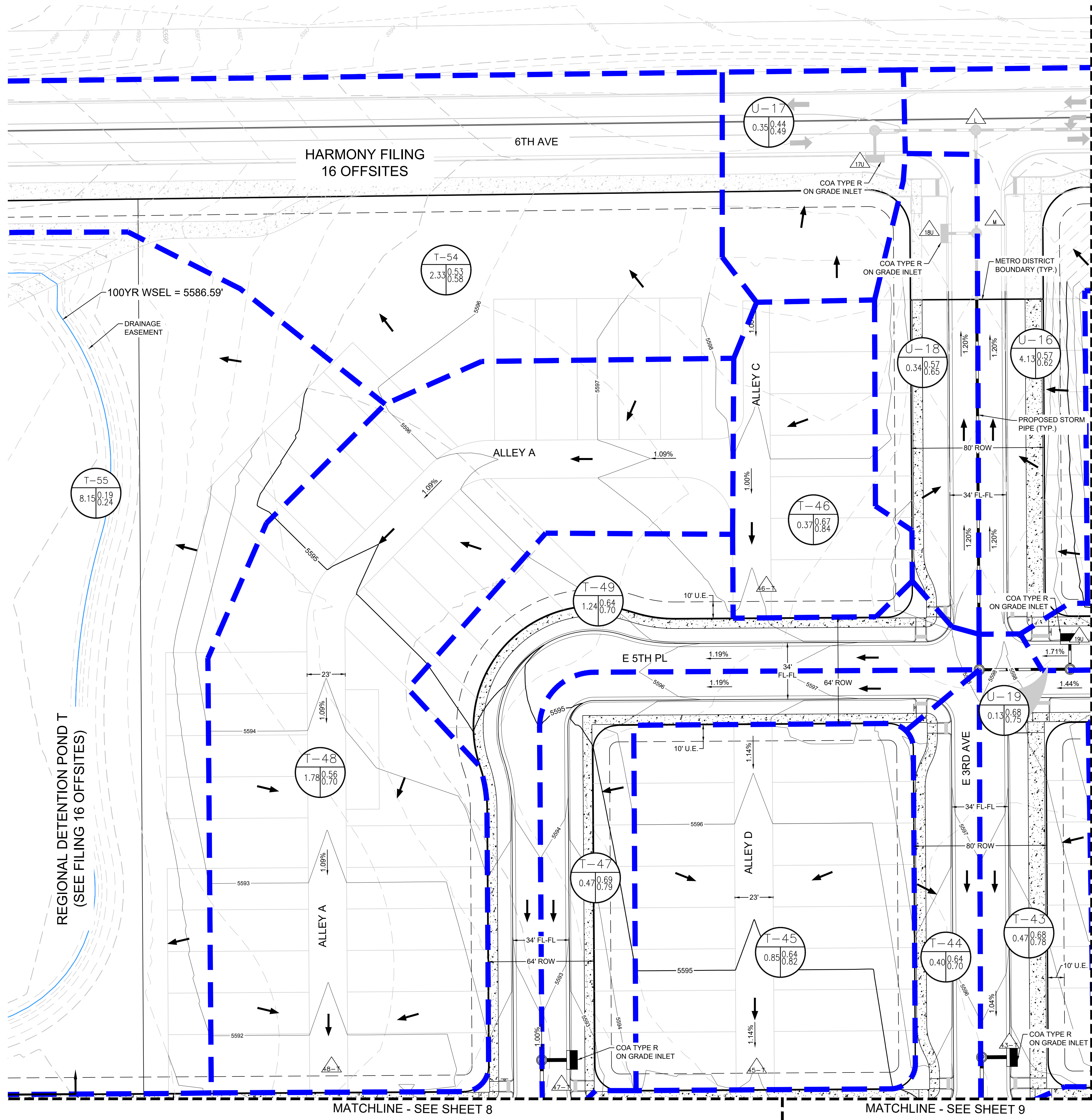


- BASIS OF BEARINGS**
BEARINGS ARE BASED IN CONNECTION WITH THE CITY OF AURORA HORIZONTAL CONTROL NETWORK, UPON THE NORTH LINE OF THE SOUTHWEST QUARTER OF SECTION 9, TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING PUBLISHED TO BEAR NORTH 89°21'50" EAST, 2646.23 FEET (2646.25 FEET AS MEASURED) AND MONUMENTED AS SHOWN HEREON.
- BENCHMARK**
DATA ID: 336508NW001. ELEVATIONS ARE BASED ON THE CITY OF AURORA COUNTY OF ADAMS BENCHMARK #336508NW001 A CITY OF AURORA AND COUNTY OF ADAMS 3-1/4" ALUMINUM CAP STAMPED (CITY OF AURORA, MN, 336508NW001, 2007) ON A 1/2" X 5/8" REBAR, IN A 2" PVC PIPE WITH A CAP. THE BENCHMARK IS LOCATED AT THE SECTION CORNER TO SECTIONS 6, 8, 9, 7, 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,

APPROVED FOR ONE YEAR FROM THIS DATE	

CITY ENGINEER	DATE
WATER DEPARTMENT	DATE

N:\PROJECTS\3017504 SAND CREEK\DCS\DRAINAGE\CS-6 SUN MEADOW\FILING 1702 PRELIMINARY DRAINAGE\ON SITE\PLANE DRAWINGS\PRELIMINARY AREA DRAINAGE MAPS.DWG, RNM\CM\HON, 12/14/22



LEGEND

	PROPOSED BASIN ID XX = BASIN ID A = AREA C2 = 2 YR RUNOFF CO-EFF C100 = 100 YR RUNOFF CO-EFF
	DESIGN POINT
	EXISTING DRAINAGE BOUNDARY
	MINOR BASIN BOUNDARY
	PROP. MAJOR BASIN BOUNDARY
	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	PROPOSED MAJOR CONTOURS
	PROPOSED MINOR CONTOURS
	PROPOSED FLOW ARROW
	EMERGENCY OVERFLOW PATH
	PROPOSED STORM
	EXISTING STORM
	100 YR WSEL
	FEMA 100 YR FLOOD PLAIN
	FEMA BASE FLOOD ELEV. LINE

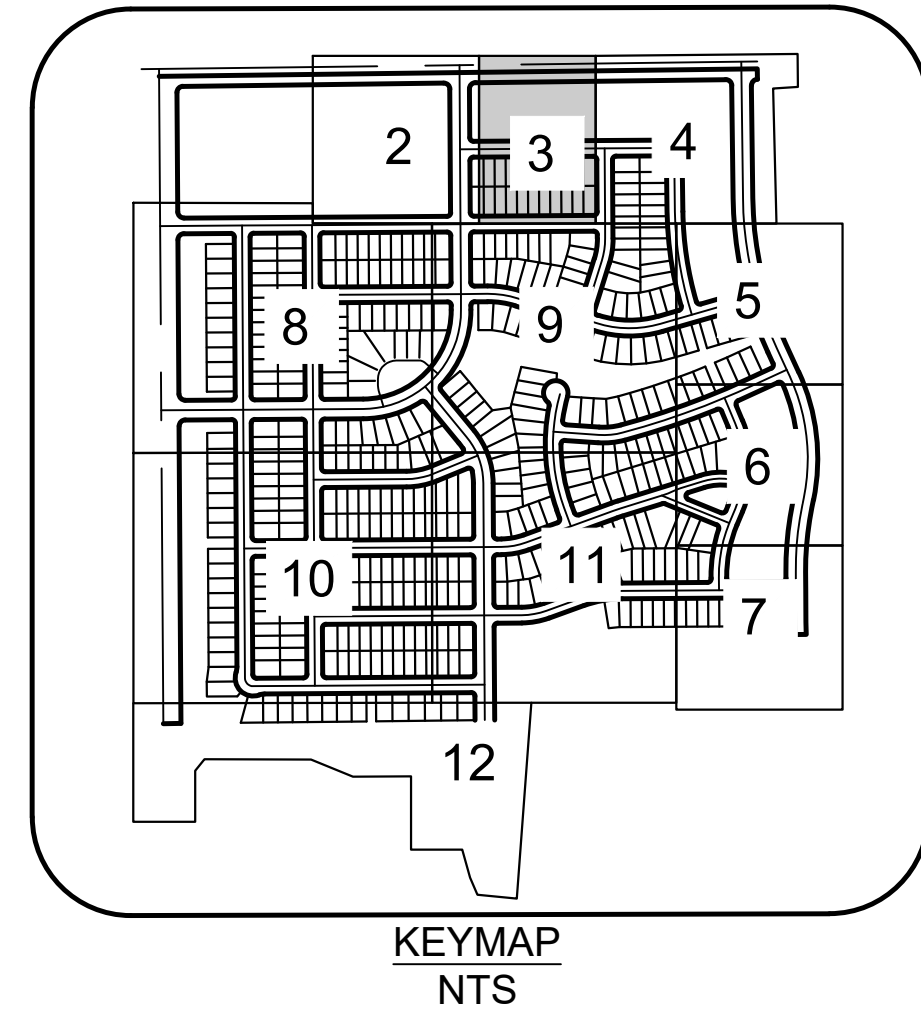
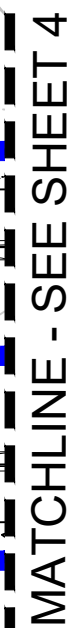
- NOTES:**
- CITY OF AURORA PLAN REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF AURORA DESIGN CRITERIA AND THE CITY CODE. THE CITY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, OF DIMENSIONS AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE CITY OF AURORA, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.
 - ALL PONDS ARE PRIVATE AND WILL BE MAINTAINED BY THE POWHATON METRO DISTRICT WITH THE EXCEPTION OF REGIONAL DETENTION POND T WHICH WILL BE MAINTAINED BY THE MILE HIGH FLOOD DISTRICT.
 - ALL STORM INLETS AND STORM PIPE DOWNSTREAM OF STORM INLETS HAVE BEEN DESIGNED FOR THE 100-YEAR STORM.
 - ALL STORM INLETS AND PIPES SHOWN IN THE ROW WILL BE PUBLIC AND WILL BE MAINTAINED BY THE CITY OF AURORA UNLESS OTHERWISE NOTED.
 - ALL SWALES AND TRACTS ARE PRIVATE AND WILL BE MAINTAINED BY THE POWHATON METRO DISTRICT UNLESS OTHERWISE NOTED.
 - ALL ROADS ARE CLASSIFIED AS PUBLIC.
 - IN THE EVENT THAT A SUMP INLET BECOMES CLOGGED, THE ADJACENT FINISHED FLOOR ELEVATIONS MUST BE ONE FOOT ABOVE THE EMERGENCY WSEL AS IT SPILLS INTO AN ADJACENT BASIN.
 - SHADED ALLEY LINEWORK IS FUTURE. BASINS HAVE BEEN DELINEATED FOR ALLEY AND STORM ANALYSIS.

BASIS OF BEARINGS
BEARINGS ARE BASED IN ACCORDANCE WITH THE CITY OF AURORA HORIZONTAL CONTROL NETWORK, UPON THE NORTH LINE OF THE SOUTHWEST QUARTER OF SECTION 9, TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING PUBLISHED TO BEAR NORTH 89°21'50" EAST, 2646.23 FEET (2646.25 FEET AS MEASURED) AND MONUMENTED AS SHOWN HEREON.

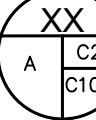
BENCH MARK
COA ID: 3S6508NW001. ELEVATIONS ARE BASED ON THE CITY OF AURORA AND COUNTY OF ADAMS BENCHMARK #3S3508NW001 A CITY OF AURORA AND COUNTY OF ADAMS 3-1/4" ALUMINUM CAP STAMPED (CITY OF AURORA B.M. 3S6508NW001, 2007) ON A 51 #6 REBAR, IN A 6" PIPE WITH A CAP, LOCATED 27' SOUTHEAST OF THE SECTION CORNER TO SECTIONS 6, 5, 8, 7, TOWNSHIP 3 SOUTH, RANGE 65 WEST, 66.7 SOUTHEAST OF A YELLOW STEEL CONCRETE POST, 20' SOUTH OF THE CENTERLINE OF A DIRT ROAD (64TH AVENUE) AND 1.3 MILES EAST OF THE INTERSECTION OF E-470 AND 64TH AVENUE, ELEVATION = 5394.58' (NAVD1988) DATUM.

PREPARED UNDER THE SUPERVISION OF
BRIAN SCHAFFER
COLORADO P.E. 0057673

SHEET NUMBER 2	DRAWN BY:	SCALE:	HARMONY SUBDIVISION FILING NO. 16 PRELIMINARY DRAINAGE PLAN ON SITES AREA DRAINAGE MAPS	No.	Revisions	Date	Appr.	Date
	CHECKED BY:	AS SHOWN						
	DATE:	FILE NO:						
	BS	8130214922						
DRAWN BY: AS SHOWN			Westwood 10333 E DRY CREEK RD. SUITE 240 ENGLEWOOD, CO 80112 TEL: 720.482.9526 Westwoodps.com Westwood Professional Services, Inc.					
DRAWN BY: AS SHOWN			Melcor/TC Aurora, LLC C/O Marathon Land Company 9750 W. Cambridge Place Littleton, CO 80127 Tel: (303) 920-9400 Fax: (303) 920-9440					



LEGEND




A


C2


C100


XX





XX






































PROPOSED BASIN ID

XX = BASIN ID A= AREA

C2= 2 YR RUNOFF CO-EFF

C100= 100 YR RUNOFF CO-EFF

DESIGN POINT

EXISTING DRAINAGE BOUNDARY

MINOR BASIN BOUNDARY

PROP. MAJOR BASIN BOUNDARY

EXISTING MAJOR CONTOURS

EXISTING MINOR CONTOURS

PROPOSED MAJOR CONTOURS

PROPOSED MINOR CONTOURS

PROPOSED FLOW ARROW

EMERGENCY OVERFLOW PATH

PROPOSED STORM

EXISTING STORM

100 YR WSEL


FEMA 100 YR FLOOD PLAIN

FEMA BASE FLOOD ELEV. LINE

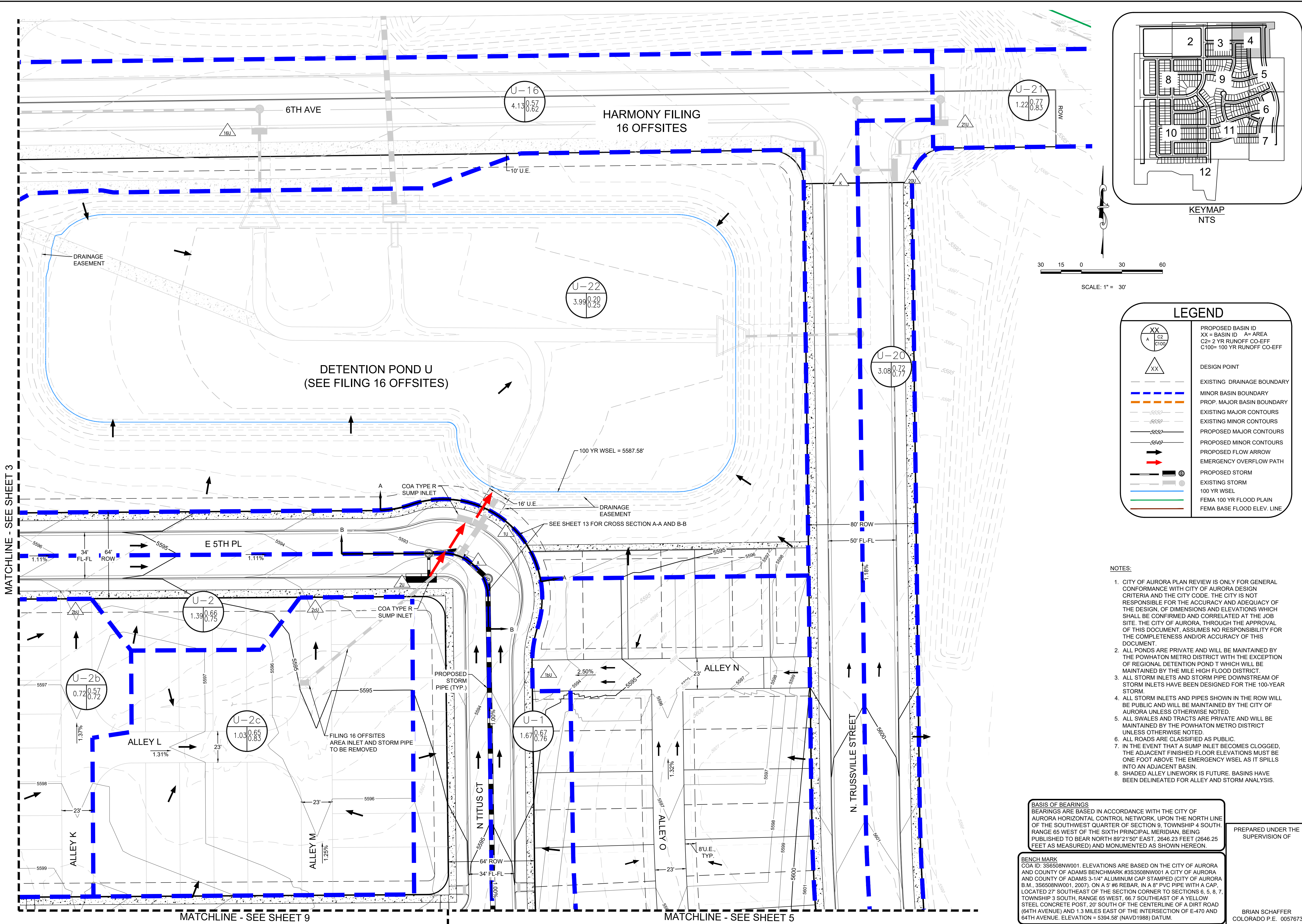
1. CITY OF AURORA PLAN REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF AURORA DESIGN CRITERIA AND THE CITY CODE. THE CITY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, OR GENERAL ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE CITY OF AURORA, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.
2. ALL PONDS ARE PRIVATE AND WILL BE MAINTAINED BY THE POWHATON METRO DISTRICT WITH THE EXCEPTION OF REGIONAL DETENTION POND WHICH WILL BE MAINTAINED BY THE MILE HIGH FLOOD DISTRICT.
3. ALL STORM INLETS AND STORM PIPE DOWNSTREAM OF STORM INLETS HAVE BEEN DESIGNED FOR THE 100-YEAR STORM.
4. ALL STORM INLETS AND PIPES SHOWN IN THE ROW WILL BE PUBLIC AND WILL BE MAINTAINED BY THE CITY OF AURORA UNLESS OTHERWISE NOTED.
5. ALL SWALES AND TRACTS ARE PRIVATE AND WILL BE MAINTAINED BY THE POWHATON METRO DISTRICT UNLESS OTHERWISE NOTED.
6. ALL ROADS ARE CLASSIFIED AS PUBLIC.
7. IN THE EVENT THAT A SUMP INLET BECOMES CLOGGED, THE ADJACENT FINISHED FLOOR ELEVATIONS MUST BE OBTAINED FOR ABOVE THE EMERGENCY WESEL AS IT SPILLS INTO AN ADJACENT BASIN.
8. SHADED ALLEY LINENWORK IS FUTURE. BASINS HAVE BEEN DELINEATED FOR ALLEY AND STORM ANALYSIS.

BENCH MARK
COA ID: 356508NW001. ELEVATIONS ARE BASED ON THE CITY OF AURORA
AND COUNTY OF ADAMS BENCHMARK #335308NW001 A CITY OF AURORA
AND COUNTY OF ADAMS 3-1/4" ALUMINUM CAP STAMPED (CITY OF AURORA
B.M., 356508NW001, 2007), ON A 5" #6 REBAR, IN A 6" PVC PIPE WITH A CAP,
LOCATED 27' SOUTHEAST OF THE SECTION CORNER TO SECTIONS 6, 5, & 7,
TOWNSHIP 3 SOUTH, RANGE 65 WEST, 66.7 SOUTH EAST OF A YELLOW
STEEL CONCRETE POST, 20' WEST OF THE CENTERLINE OF A DIRT ROAD
(64TH AVENUE) AND 1.3 MILES EAST OF THE INTERSECTION OF E-470 AND
64TH AVENUE. ELEVATION = 5394.58' (NAVD1988) DATUM.

BRIAN SCHAFFER
COLORADO P.E. 0057673

SHEET NUMBER 3	DRAWN BY:	SCALE:	HARMONY SUBDIVISION FILING NO. 16 PRELIMINARY DRAINAGE PLAN ONSITES AREA DRAINAGE MAPS	Melcor/TC Aurora, LLC C/O Marathon Land Company 9750 W. Cambridge Place Littleton, CO 80127 Tel: (303) 920-9400 Fax: (303) 920-9440	 10333 E DRY CREEK RD. SUITE 240 ENGLEWOOD, CO 80112 TEL: 720.482.9526 Westwoods.com Westwood Professional Services, Inc.	No. _____ Revisions _____ Date _____ Init. _____ Appr. _____
	CHECKED BY:	AS SHOWN				
	DATE:	FILE NO:				
		BS				
		8130214922				

N:\PROJECTS\30717504 SAND CREEK\DCS\DRAINAGE\CS-6 SUN MEADOW\FILING 1702 PRELIMINARY DRAINAGE\ON SITE\PLANS\DRAWINGS\PRELIMINARY AREA DRAINAGE MAPS.DWG. RNMCMHON. 12/14/22



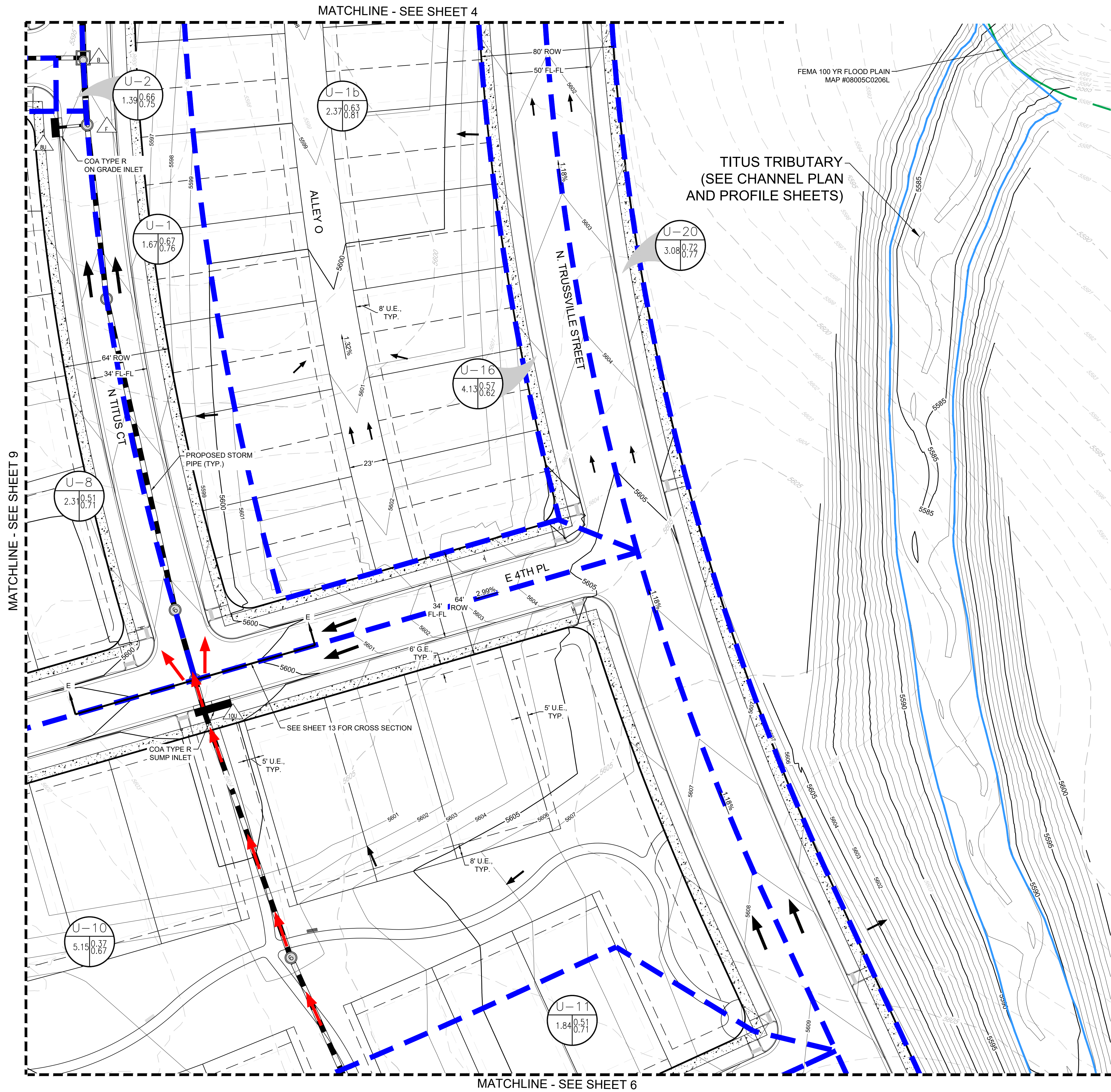
SHEET NUMBER	DRAWN BY:	CHECKED BY:	DATE:	SCALE:	AS SHOWN	FILE NO:	8130214922	NO.	Revisions	Date	Init.	Apr.	Date
4													

Westwood
10333 E DRY CREEK RD.
SUITE 240
ENGLEWOOD, CO 80112
TEL: 720.482.9526
Westwoodps.com
Westwood Professional Services, Inc.

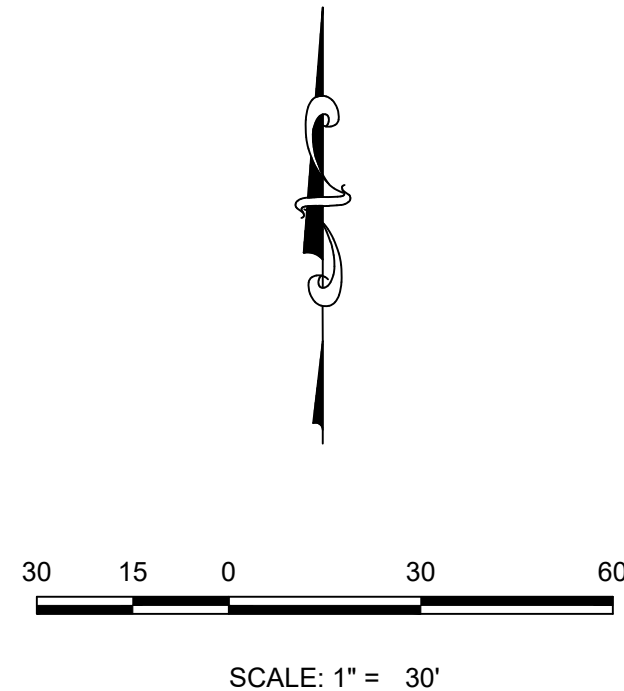
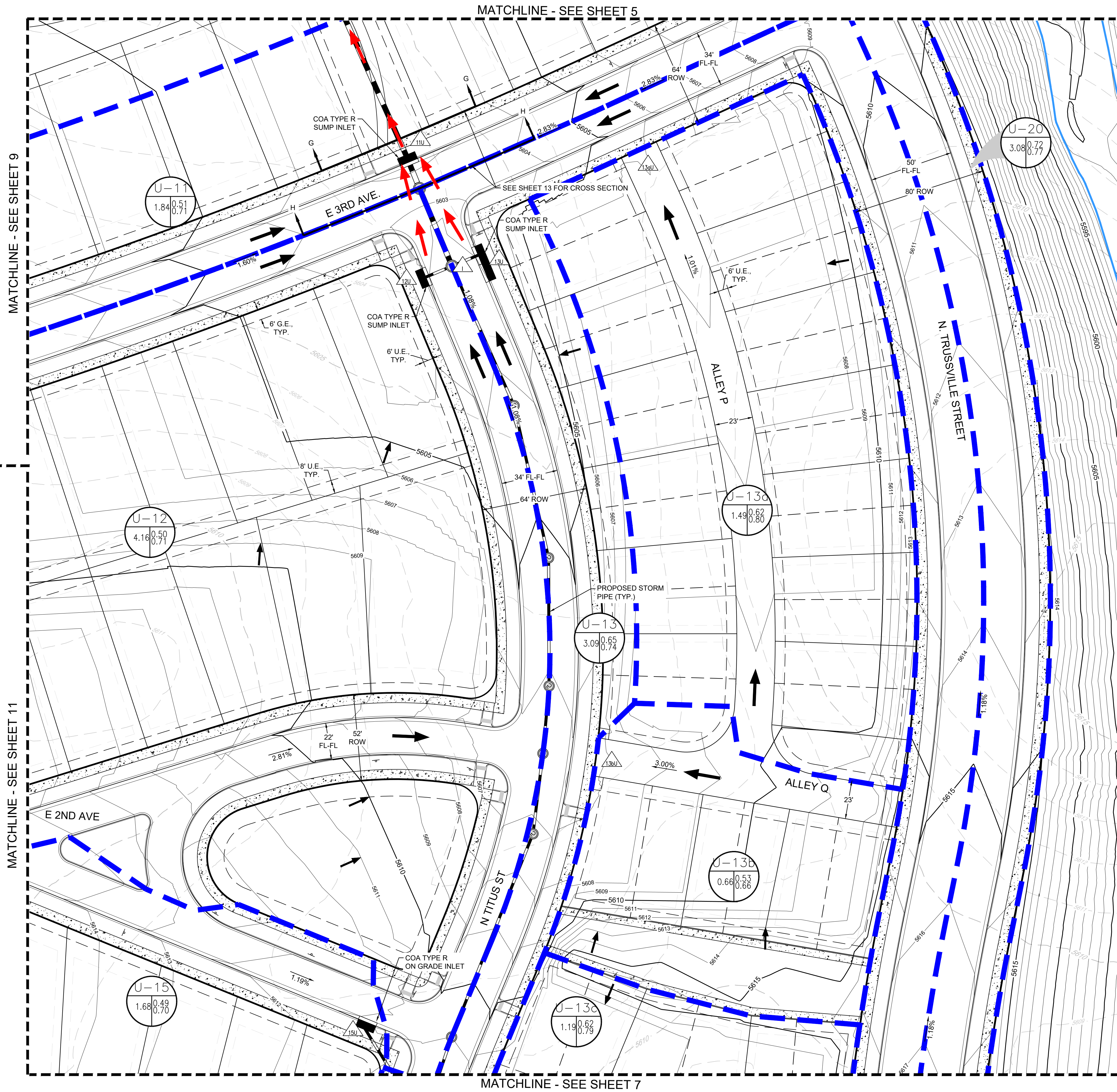
Melcor/TC Aurora, LLC
C/O Marathon Land Company
9750 W. Cambridge Place
Littleton, CO 80127
Tel: (303) 920-9400 Fax: (303) 920-9440

HARMONY SUBDIVISION FILING NO. 16
PRELIMINARY DRAINAGE PLAN ON SITES
AREA DRAINAGE MAPS

N:\PROJECTS\30175604 SAND CREEK\DCS\DRAINAGE\CS-8 SUN MEADOW\FLING 1702 PRELIMINARY DRAINAGE\CSITES\PLANE DRAWINGS\PRELIMINARY AREA DRAINAGE MAPS.DWG. RNM:MAHON. 12/14/22



N:\PROJECTS\30175604 SAND CREEK\DCS\DRAINAGE\CS-6 SUN MEADOW\FLING 1702 PRELIMINARY DRAINAGE\ON SITE\PLANE DRAWINGS\PRELIMINARY AREA DRAINAGE MAPS.DWG. RNM\CMH\0121422



LEGEND

	PROPOSED BASIN ID XX = BASIN ID A= AREA C2= 2 YR RUNOFF CO-EFF C100= 100 YR RUNOFF CO-EFF
	DESIGN POINT
	EXISTING DRAINAGE BOUNDARY
	MINOR BASIN BOUNDARY
	PROP. MAJOR BASIN BOUNDARY
	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	PROPOSED MAJOR CONTOURS
	PROPOSED MINOR CONTOURS
	PROPOSED FLOW ARROW
	EMERGENCY OVERFLOW PATH
	PROPOSED STORM
	EXISTING STORM
	100 YR WSEL
	FEMA 100 YR FLOOD PLAIN
	FEMA BASE FLOOD ELEV. LINE

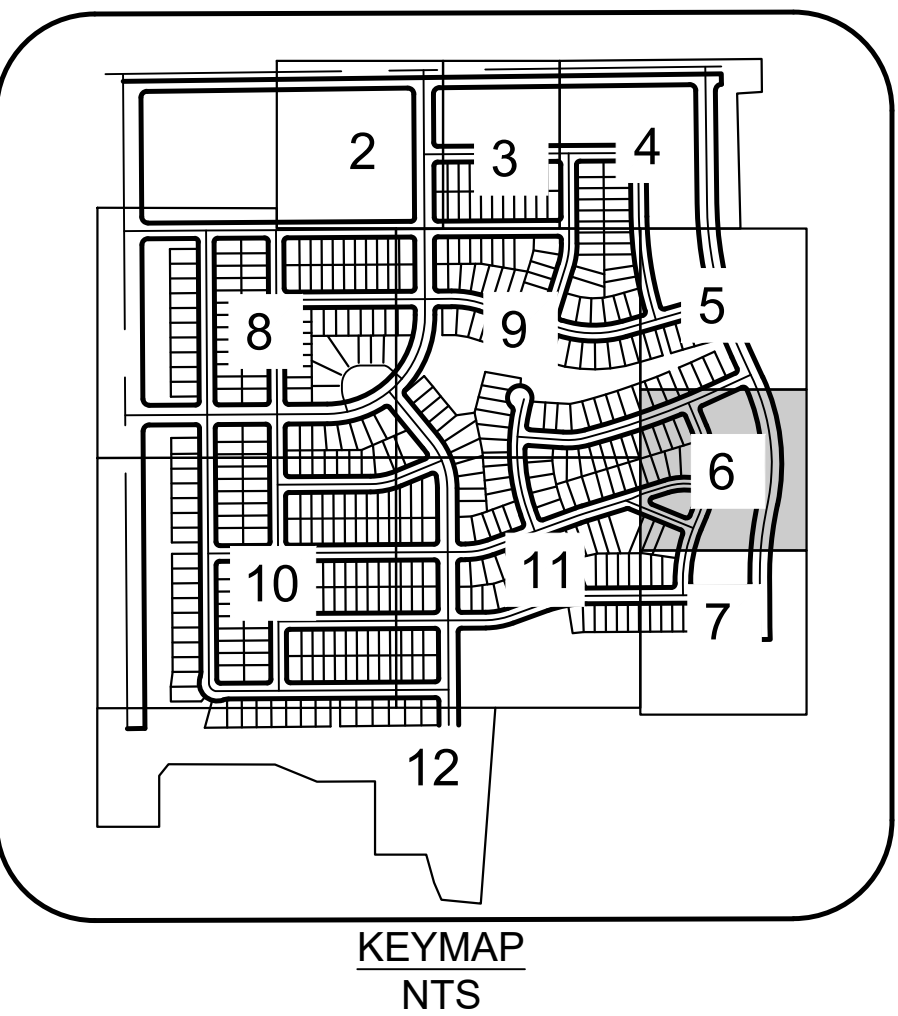
- NOTES:**
- CITY OF AURORA PLAN REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF AURORA DESIGN CRITERIA AND THE CITY CODE. THE CITY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, OF DIMENSIONS AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE CITY OF AURORA, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.
 - ALL PONDS ARE PRIVATE AND WILL BE MAINTAINED BY THE POWHATON METRO DISTRICT WITH THE EXCEPTION OF REGIONAL DETENTION POND T WHICH WILL BE MAINTAINED BY THE MILE HIGH FLOOD DISTRICT.
 - ALL STORM INLETS AND STORM PIPE DOWNSTREAM OF STORM INLETS HAVE BEEN DESIGNED FOR THE 100-YEAR STORM.
 - ALL STORM INLETS AND PIPES SHOWN IN THE ROW WILL BE PUBLIC AND WILL BE MAINTAINED BY THE CITY OF AURORA UNLESS OTHERWISE NOTED.
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 - IN THE EVENT THAT A SUMP INLET BECOMES CLOGGED, THE ADJACENT FINISHED FLOOR ELEVATIONS MUST BE ONE FOOT ABOVE THE EMERGENCY WSEL AS IT SPILLS INTO AN ADJACENT BASIN.
 - SHADED ALLEY LINEWORK IS FUTURE. BASINS HAVE BEEN DELINEATED FOR ALLEY AND STORM ANALYSIS.

BASIS OF BEARINGS
BEARINGS ARE BASED IN ACCORDANCE WITH THE CITY OF AURORA HORIZONTAL CONTROL NETWORK, UPON THE NORTH LINE OF THE SOUTHWEST QUARTER OF SECTION 9, TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING PUBLISHED TO BEAR NORTH 89°21'50" EAST, 2646.25 FEET (AS MEASURED) AND MONUMENTED AS SHOWN HEREON.

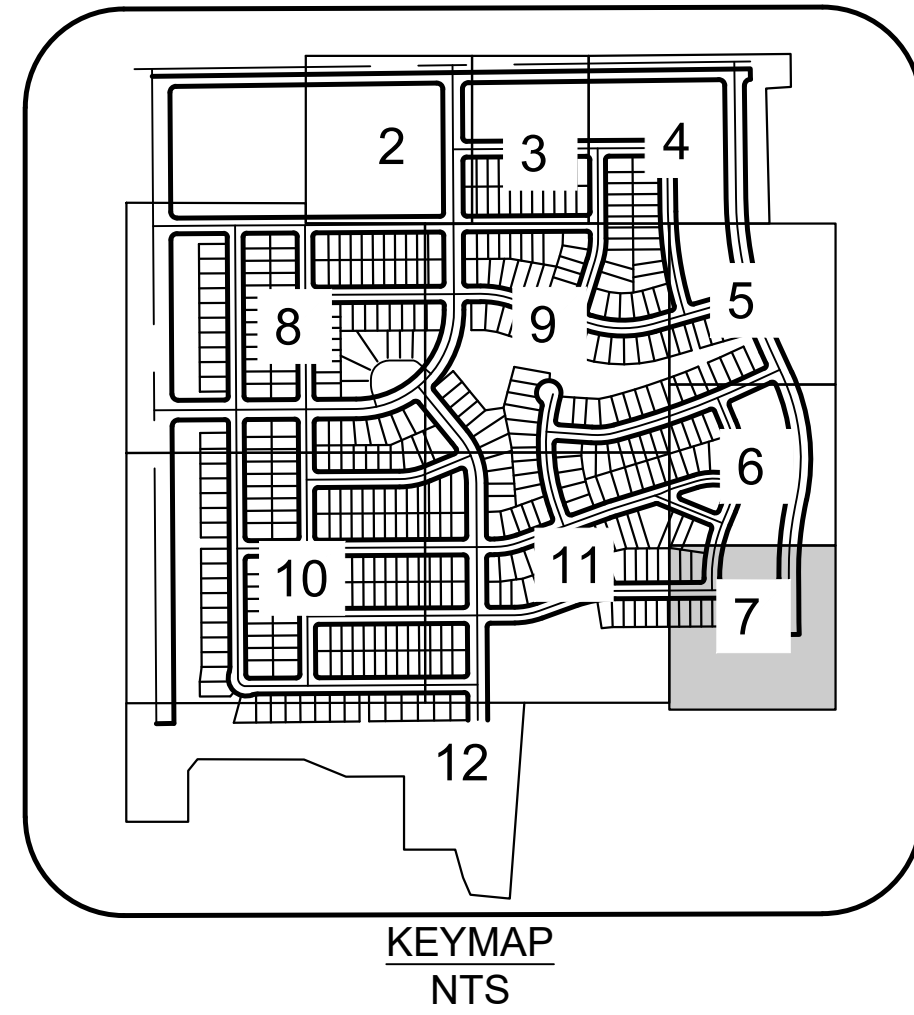
BENCH MARK
COA ID: 3S6508NW001. ELEVATIONS ARE BASED ON THE CITY OF AURORA AND COUNTY OF ADAMS BENCHMARK #3S3508NW001 A CITY OF AURORA AND COUNTY OF ADAMS 3-1/4" ALUMINUM CAP STAMPED (CITY OF AURORA B.M. 3S6508NW001, 2007). ON A 51" P.V.C PIPE WITH A CAP, LOCATED 27' SOUTHEAST OF THE SECTION CORNER TO SECTIONS 6, 5, 8, 7, TOWNSHIP 3 SOUTH, RANGE 65 WEST, 66.7 SOUTHEAST OF A YELLOW STEEL CONCRETE POST, 20' SOUTH OF THE CENTERLINE OF A DIRT ROAD (64TH AVENUE) AND 1.3 MILES EAST OF THE INTERSECTION OF E-470 AND 64TH AVENUE. ELEVATION = 5394.58" (NAVD1988) DATUM.

PREPARED UNDER THE SUPERVISION OF

BRIAN SCHAFFER
COLORADO P.E. 0057673



SHEET NUMBER	DRAWN BY:	CHECKED BY:	DATE:	SCALE:	AS SHOWN	FILE NO:	8130214922	Revisions	No.	Date	Appr.	Date
6	HARMONY SUBDIVISION FILING NO. 16	PRELIMINARY DRAINAGE PLAN ON SITES	AREA DRAINAGE MAPS	Melcor/TC Aurora, LLC	C/O Marathon Land Company	10333 E DRY CREEK RD., SUITE 240 ENGLEWOOD, CO 80112 TEL: (303) 920-9400 Fax: (303) 920-9440	Westwood Westwoodps.com Westwood Professional Services, Inc.					



No.	Revisions	Date	Init.	Appr.	Date

Melcor/TC Aurora, LLC
C/O Marathon Land Company
 9750 W. Cambridge Place
 Littleton, CO 80127
 Tel: (303) 920-9400 Fax: (303) 920-9440

**HARMONY SUBDIVISION FILING NO. 16
PRELIMINARY DRAINAGE PLAN ONSITES
AREA DRAINAGE MAPS**

DRAWN BY:	SCALE:
CHECKED BY:	AS SHOWN
BS	FILE NO:
DATE:	8130214922
DECEMBER 2022	

SHEET NUMBER

7

PROPOSED BASIN ID
XX = BASIN ID A= AREA
C2= 2 YR RUNOFF CO-EFF
C10= 10 YR RUNOFF CO-EFF

DESIGN POINT

EXISTING DRAINAGE BOUNDARY

MINOR BASIN BOUNDARY

PROP. MAJOR BASIN BOUNDARY

EXISTING MAJOR CONTOURS

EXISTING MINOR CONTOURS

PROPOSED MAJOR CONTOURS

PROPOSED MINOR CONTOURS

PROPOSED FLOW ARROW

EMERGENCY OVERFLOW PATH

PROPOSED STORM

EXISTING STORM

100 YR WSEL

FEMA 100 YR FLOOD PLANE

FEMA BASE FLOOD ELEV. LINE

NOTES:

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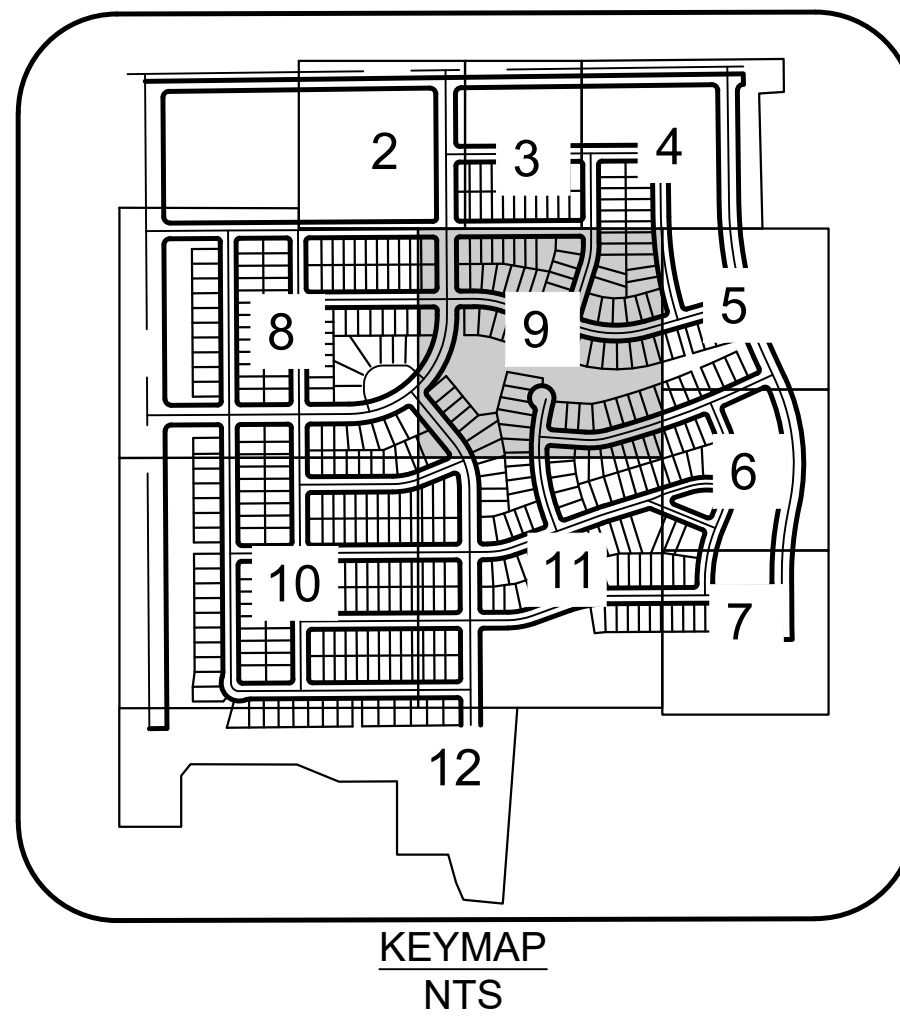
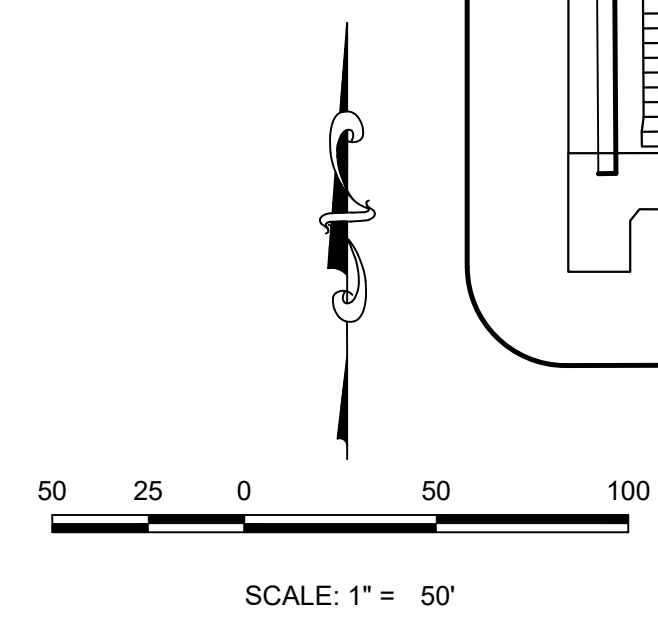
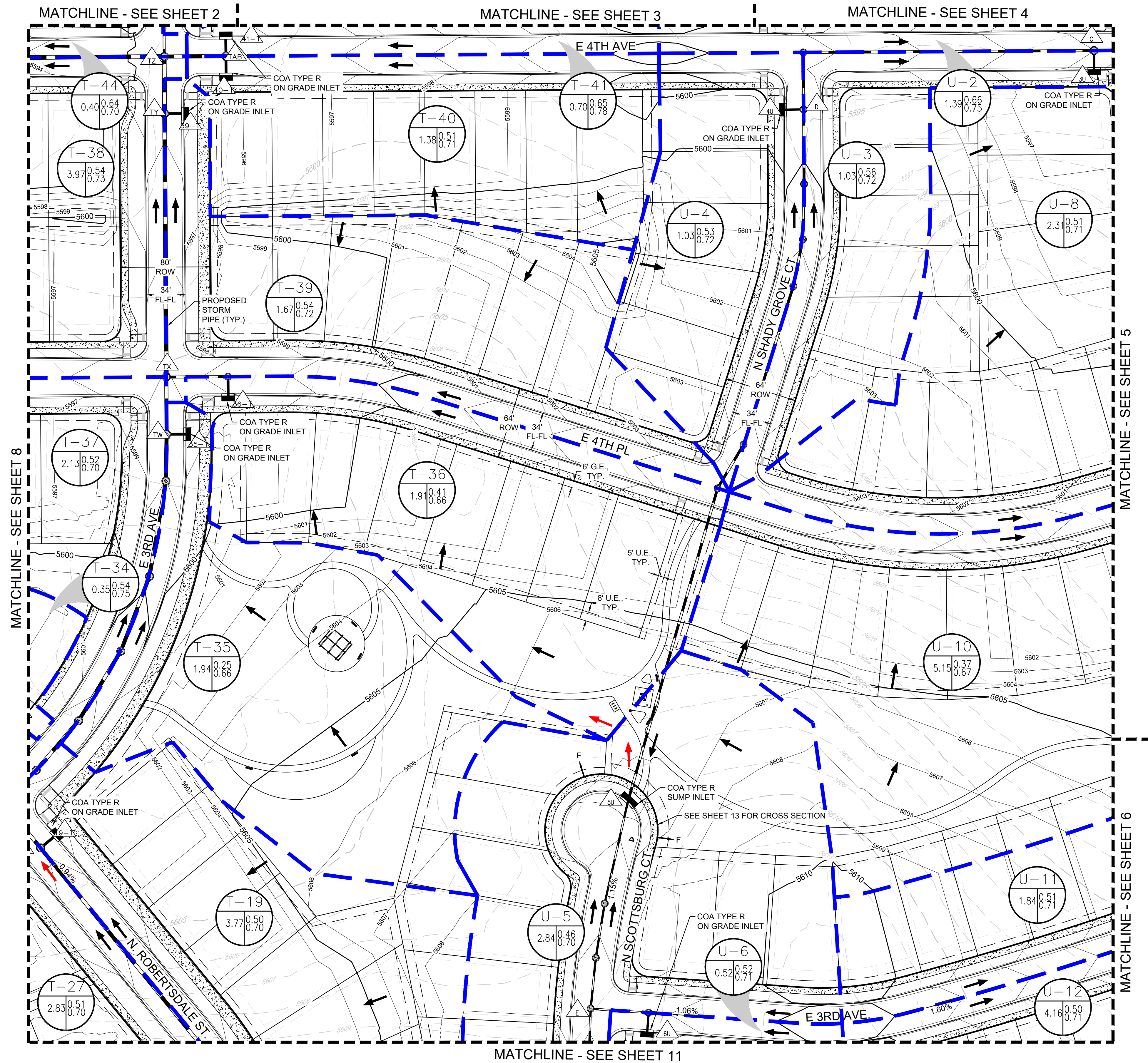
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BENCH MARK
COA ID: 356508NW001. ELEVATIONS ARE BASED ON THE CITY OF AURORA
AND COUNTY OF ADAMS BENCHMARK #335308NW001 A CITY OF AURORA
AND COUNTY OF ADAMS 3-1/4" ALUMINUM CAP STAMPED (CITY OF AURORA
B.M., 356508NW001, 2007), ON A 5" #6 REBAR, IN A 6" PVC PIPE WITH A CAP,
LOCATED 27' SOUTHEAST OF THE SECTION CORNER TO SECTIONS 6, 5, & 7,
TOWNSHIP 3 SOUTH, RANGE 65 WEST, 66.7 SOUTH EAST OF A YELLOW
STEEL CONCRETE POST, 20' WEST OF THE CENTERLINE OF A DIRT ROAD
(64TH AVENUE) AND 1.3 MILES EAST OF THE INTERSECTION OF E-470 AND
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PREPARED UNDER THE
SUPERVISION OF

BRIAN SCHAFFER
COLORADO P.E. 0057673

N:\PROJECTS\30175604 SAND CREEK\DCS\DRAINAGE\CSF-8 SUN MEADOW\FLING 1702 PRELIMINARY DRAINAGE\CONTESTS\PLANE DRAWINGS\PRELIMINARY AREA DRAINAGE MAPS.DWG. RNM\MAHON. 12/14/22



LEGEND

PROPOSED BASIN ID
XX = BASIN ID A = AREA
C2 = 2 YR RUNOFF CO-EFF
C100 = 100 YR RUNOFF CO-EFF

DESIGN POINT

EXISTING DRAINAGE BOUNDARY

MINOR BASIN BOUNDARY

PROP. MAJOR BASIN BOUNDARY

EXISTING MAJOR CONTOURS

EXISTING MINOR CONTOURS

PROPOSED MAJOR CONTOURS

PROPOSED MINOR CONTOURS

PROPOSED FLOW ARROW

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EXISTING STORM

100 YR WSEL

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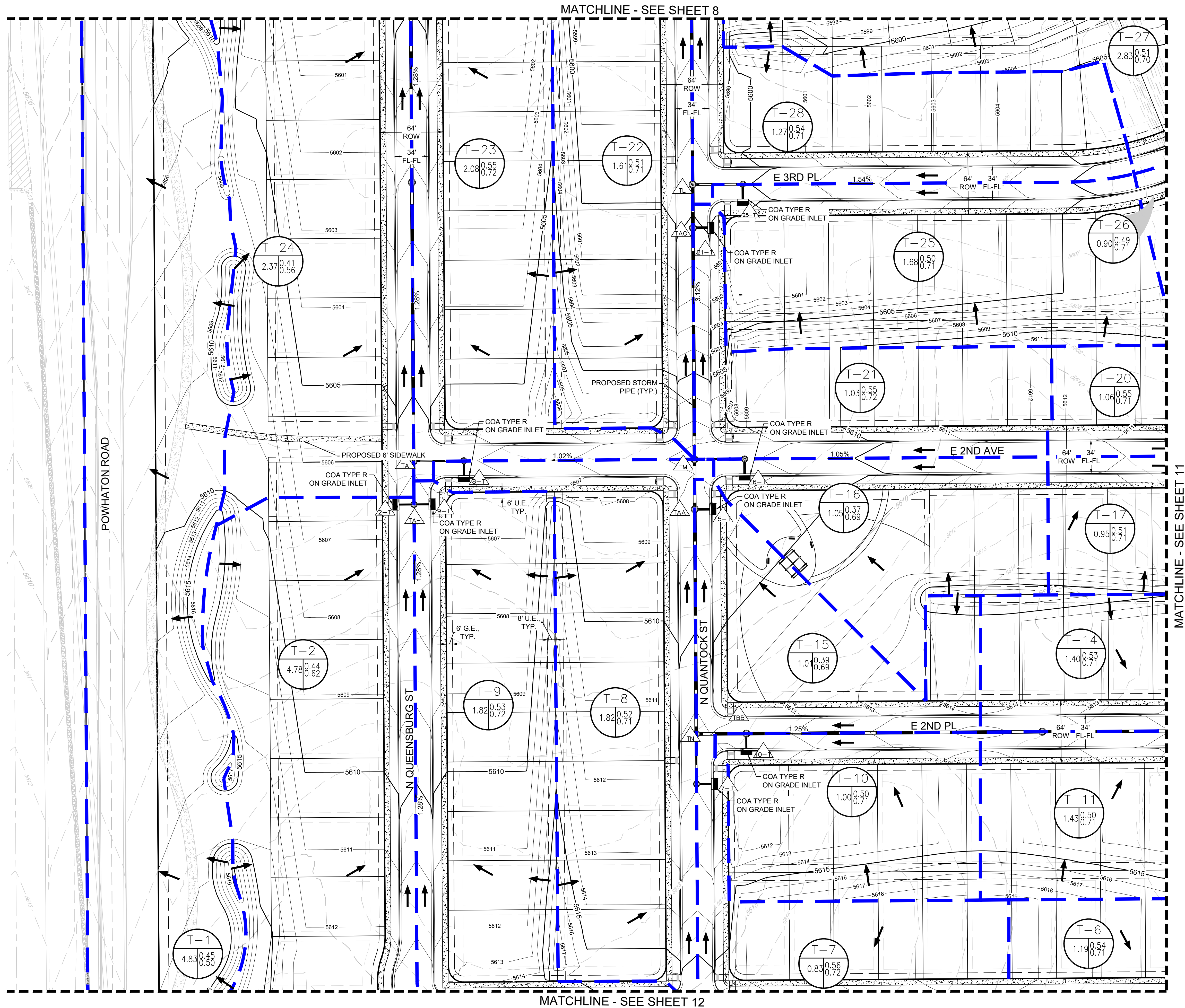
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Westwood 10333 E DRY CREEK RD. SUITE 240 ENGLEWOOD, CO 80112 TEL: 720.482.9526 Westwoodps.com Westwood Professional Services, Inc.													
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HARMONY SUBDIVISION FILING NO. 16 PRELIMINARY DRAINAGE PLAN ON SITES AREA DRAINAGE MAPS													
9													

N:\PROJECTS\30175604 SAND CREEK\DCS\DRAINAGE\DCS-6 SUN MEADOW\FLING 1702 PRELIMINARY DRAINAGE\ON SITE\PLANE DRAWINGS\PRELIMINARY AREA DRAINAGE MAPS.DWG. RNMCMATION. 12/14/22



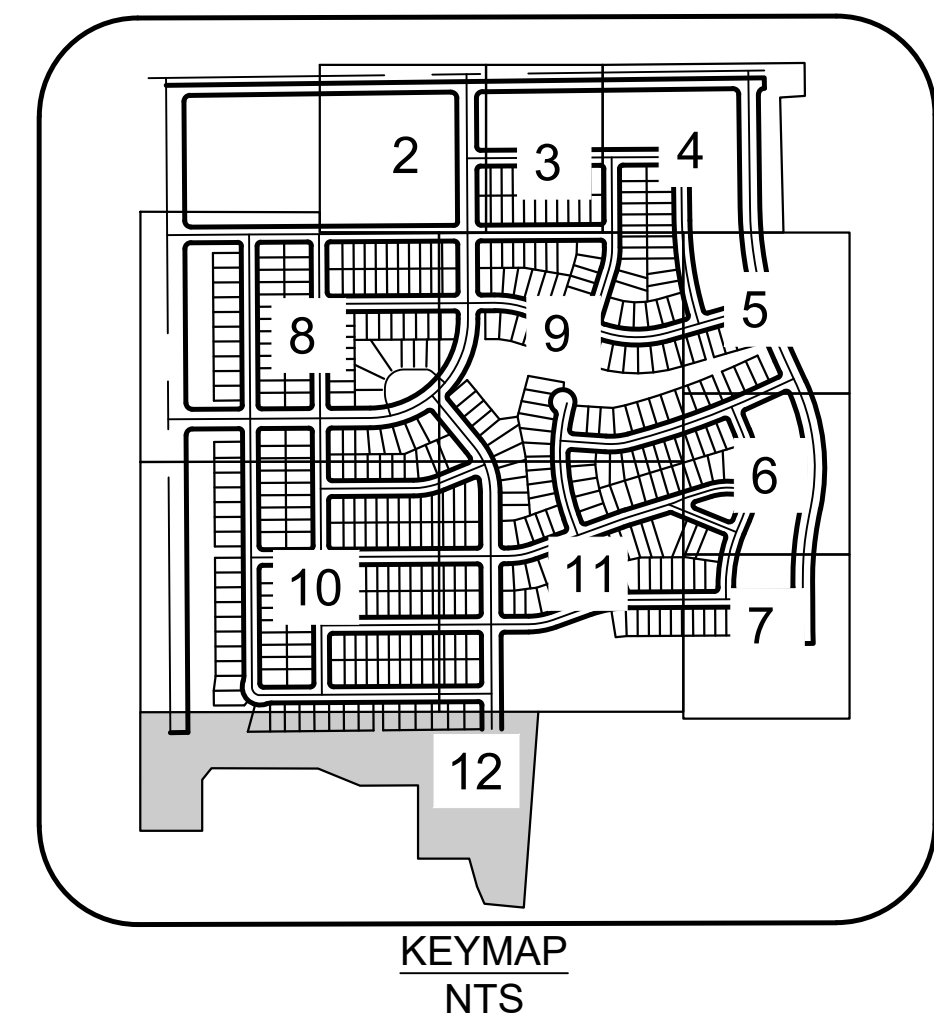
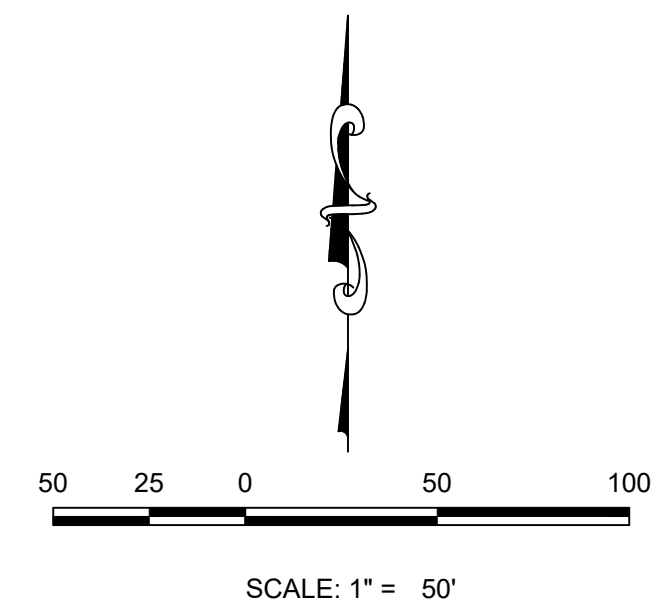
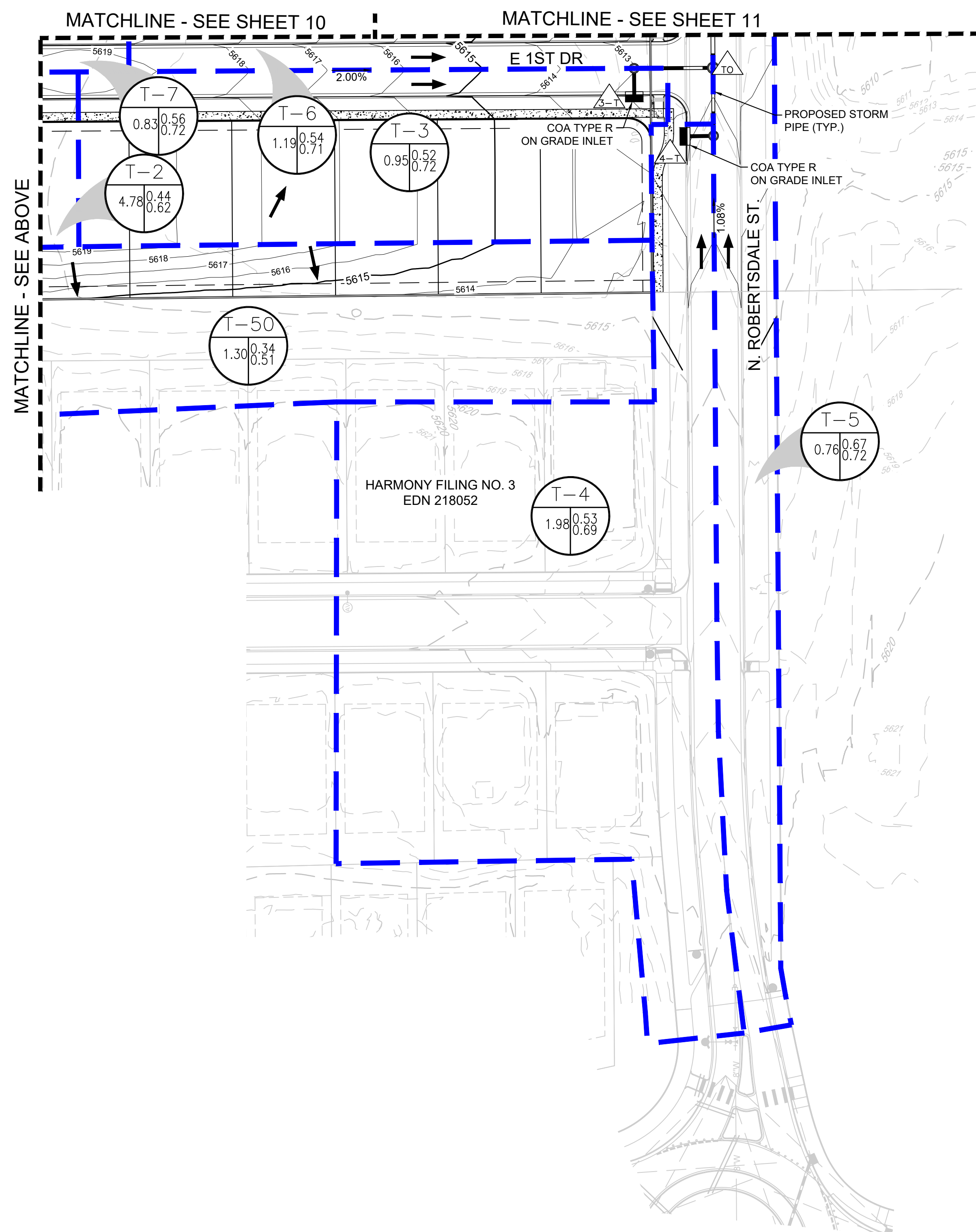
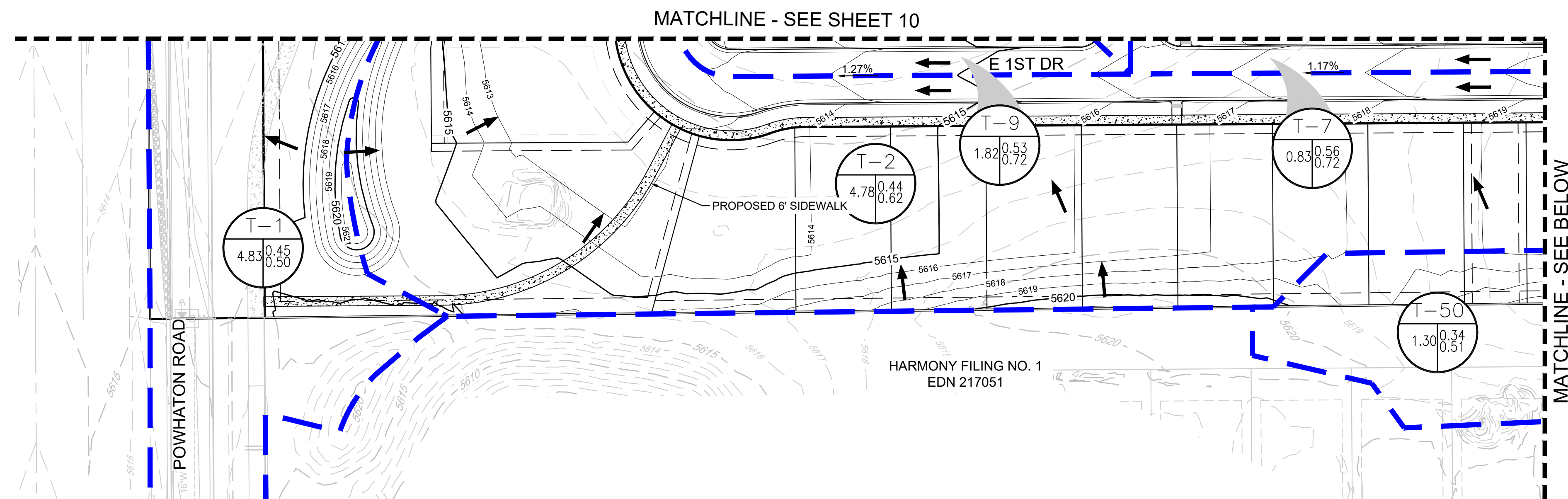
BENCH MARK

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10			8/30/22			8130214922						
HARMONY SUBDIVISION FILING NO. 16 PRELIMINARY DRAINAGE PLAN ON SITES AREA DRAINAGE MAPS							Melcor/TC Aurora, LLC C/O Marathon Land Company 9750 W. Cambridge Place Littleton, CO 80127 Tel: (303) 920-9400 Fax: (303) 920-9440					
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LEGEND




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C2= 2 YR RUNOFF CO-EFF
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XX




EXISTING DRAINAGE BOUNDARY




MINOR BASIN BOUNDARY




PROP. MAJOR BASIN BOUNDARY




EXISTING MAJOR CONTOURS




EXISTING MINOR CONTOURS




PROPOSED MAJOR CONTOURS




PROPOSED MINOR CONTOURS




PROPOSED FLOW ARROW




EMERGENCY OVERFLOW PATH




PROPOSED STORM



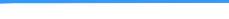
EXISTING STORM



100 YR WSEL



FEMA 100 YR FLOOD PLAIN



FEMA BASE FLOOD ELEV. LINE

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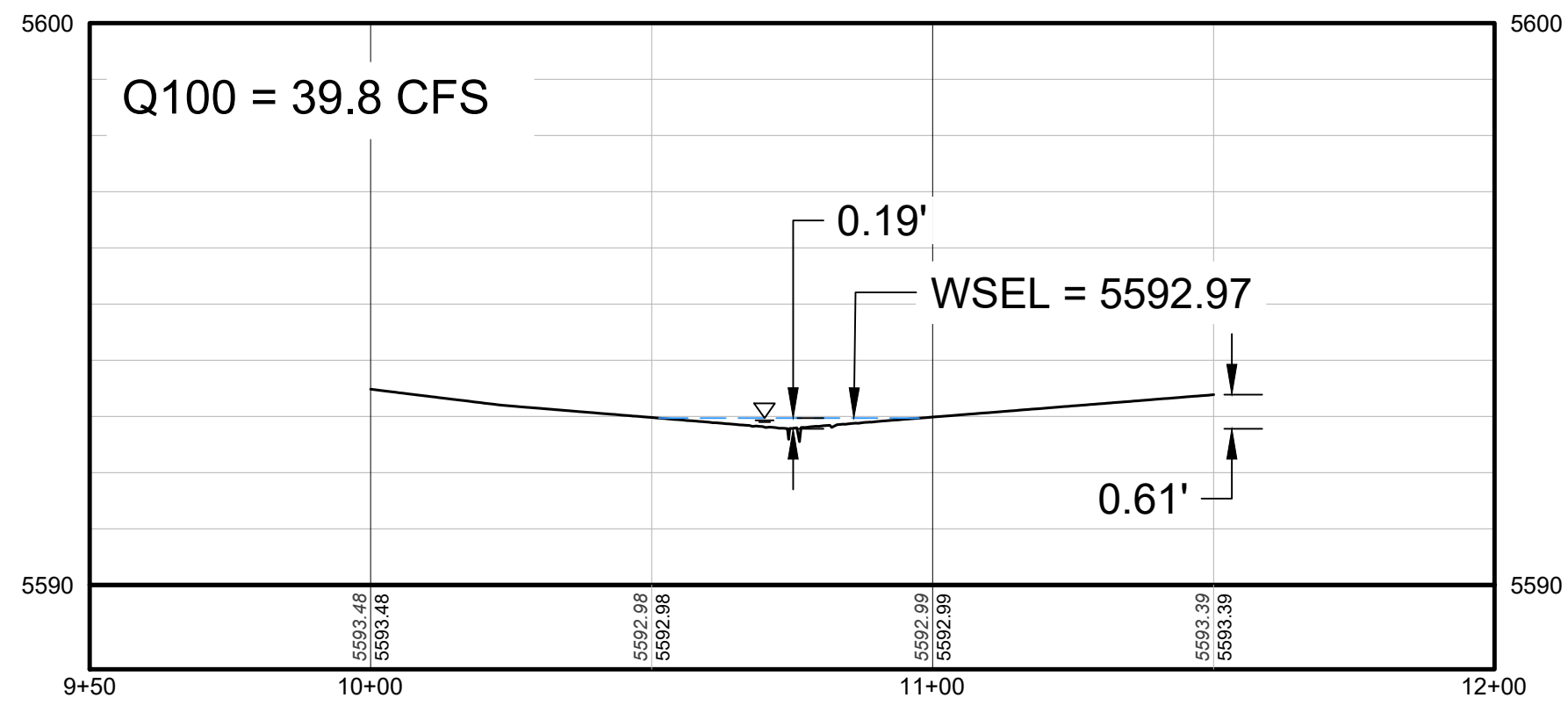
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PREPARED UNDER THE
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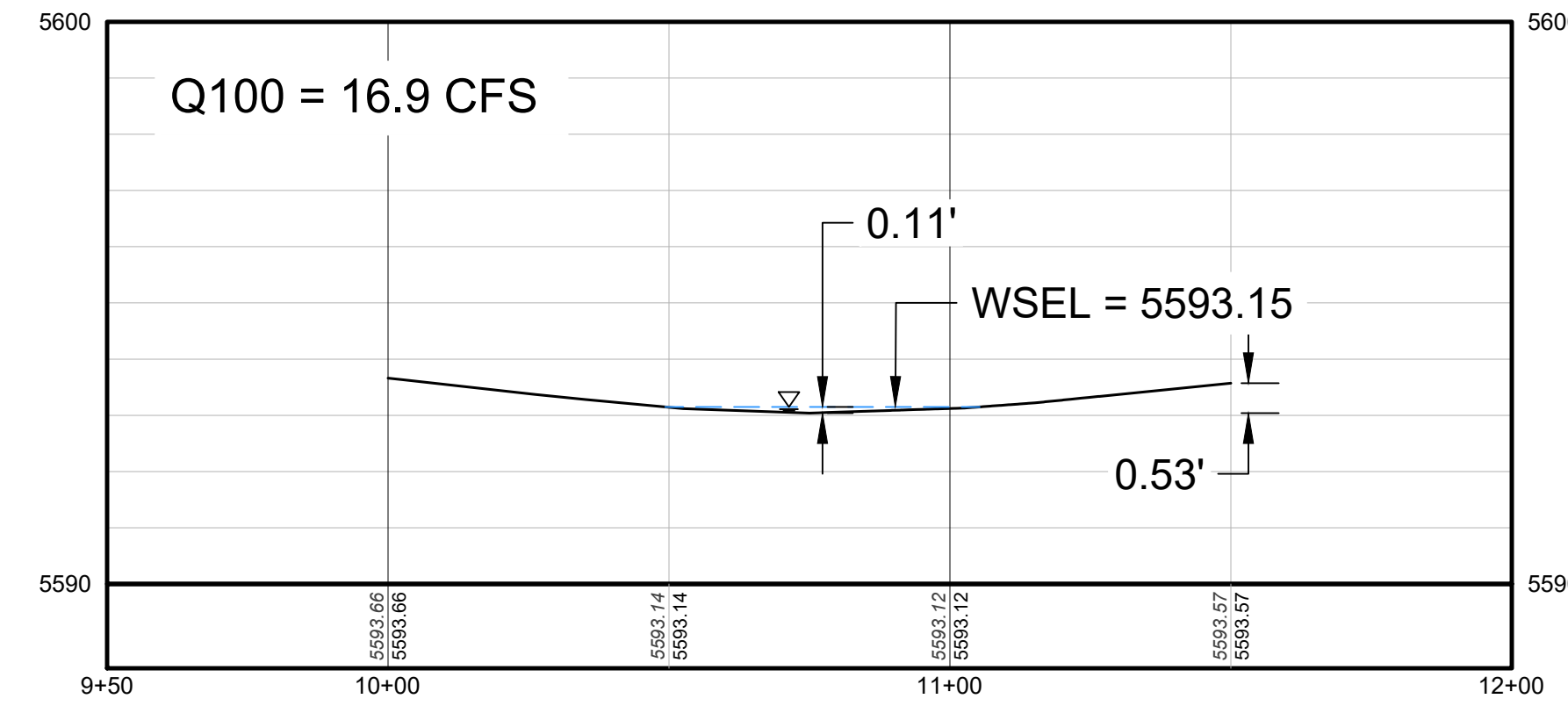
BRIAN SCHAFFER
COLORADO P.E. 0057673

<div> <div>12</div> <div> <div>SHEET NUMBER</div> <div> <div>DRAWN BY:</div> <div>CHECKED BY:</div> <div>DATE:</div> </div> </div> </div>	<div> <div>SCALE:</div> <div>AS SHOWN</div> </div>	<div> <div>HARMONY SUBDIVISION FILING NO. 16</div> <div>PRELIMINARY DRAINAGE PLAN ONSITES</div> <div>AREA DRAINAGE MAPS</div> </div>	<div> <div>Melcor/TC Aurora, LLC</div> <div>C/O Marathon Land Company</div> <div>9750 W. Cambridge Place</div> <div>Littlen, CO 80127</div> <div>Tel: (303) 920-9400 Fax: (303) 920-9440</div> </div>	<div>  <div> <div>10333 E DRY CREEK RD.</div> <div>SUITE 240</div> <div>ENGLEWOOD, CO 80112</div> <div>TEL: 720.482.9526</div> </div> <div> <div>Westwoodps.com</div> <div>Westwood Professional Services, Inc.</div> </div> </div>	<div> <div>No.</div> <div>Revisions</div> </div>	<div> <div>Date</div> <div>Init.</div> <div>Appr.</div> </div>

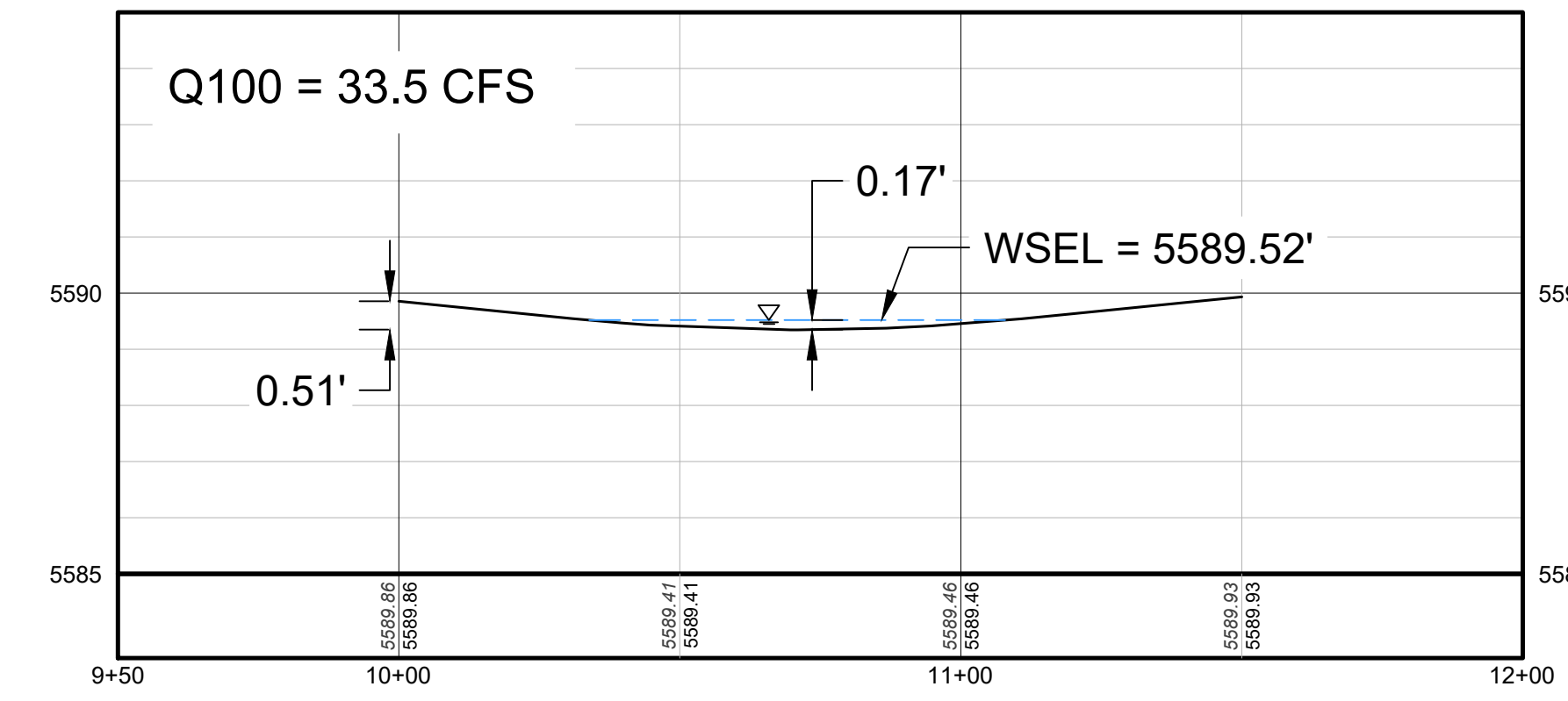
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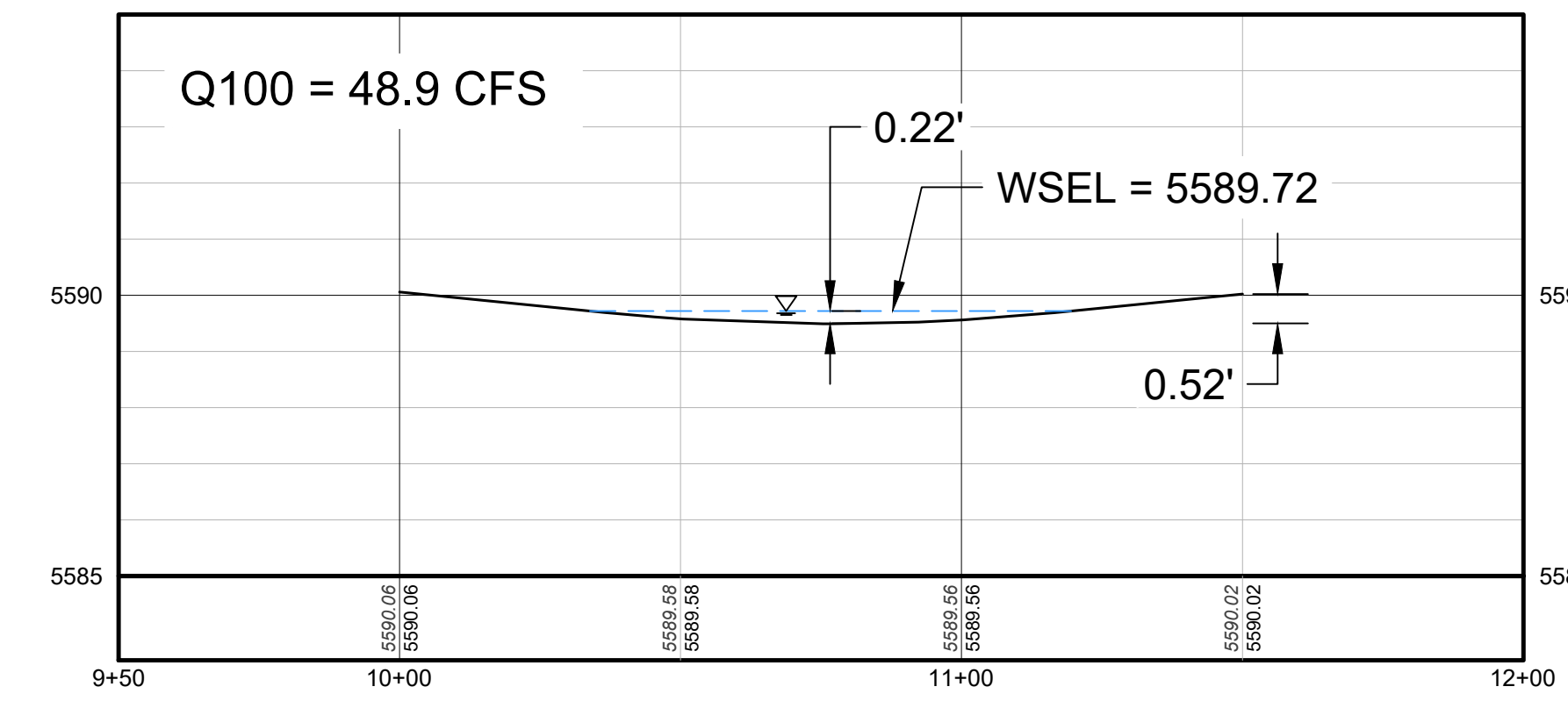
PROFILE: EMERGENCY OVERFLOW WEIR SECTION A-A
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



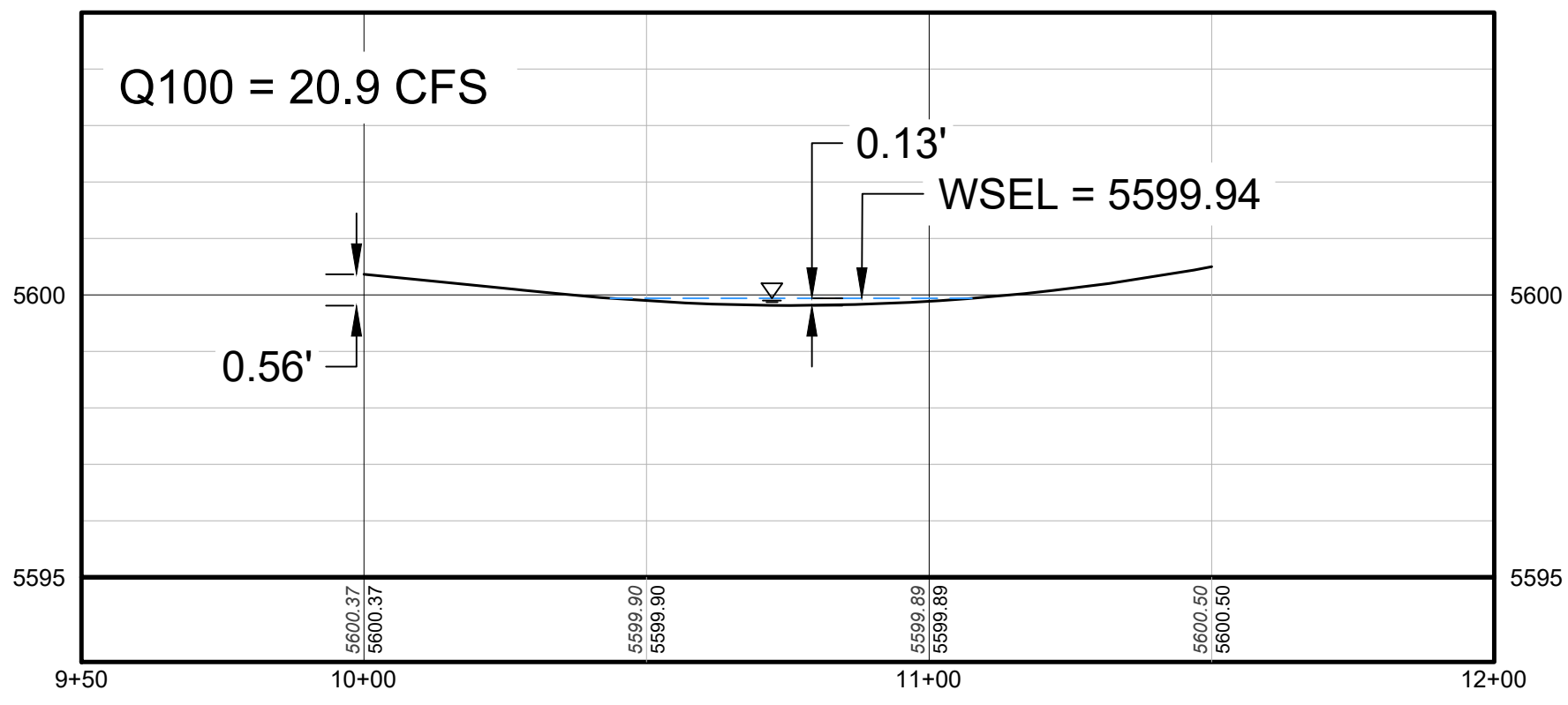
PROFILE: EMERGENCY OVERFLOW WEIR SECTION B-B
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



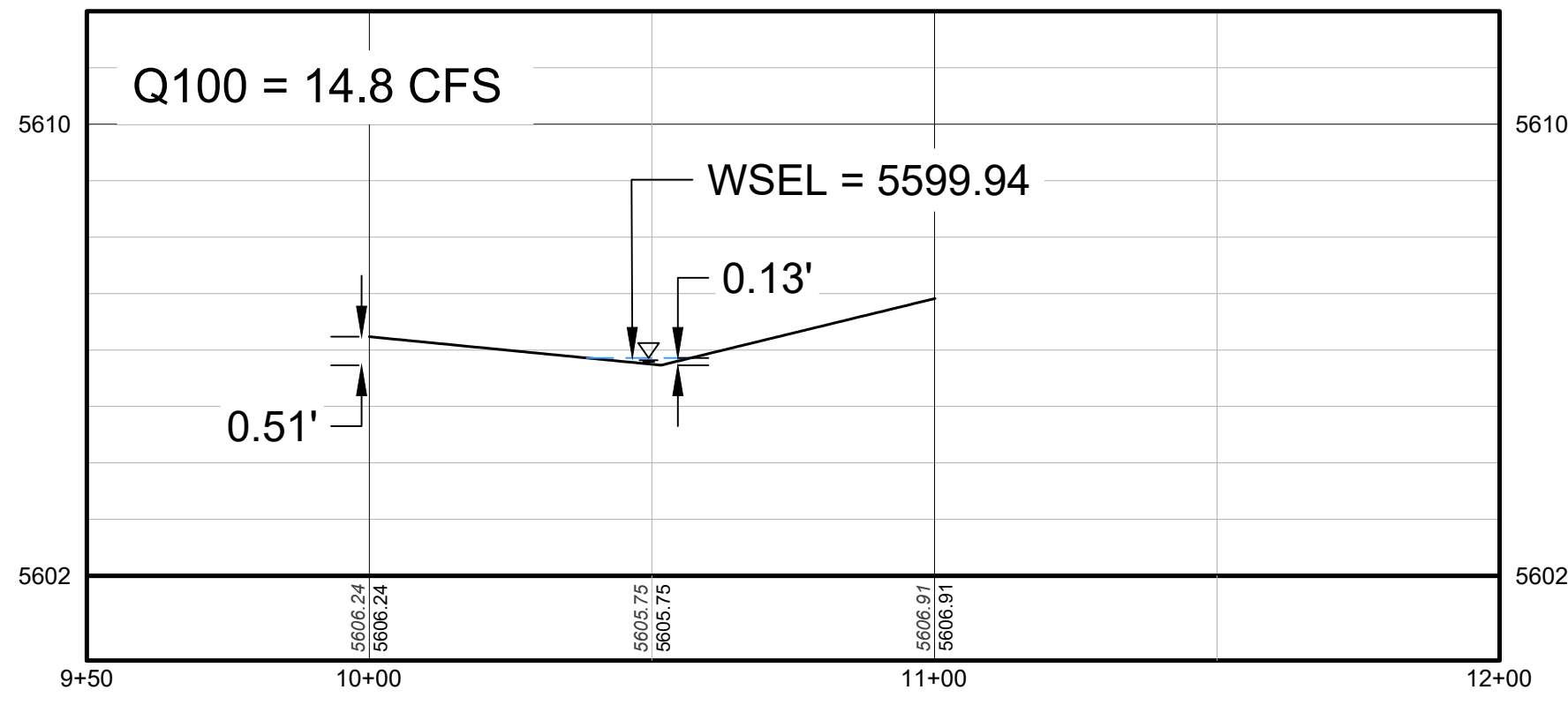
PROFILE: EMERGENCY OVERFLOW WEIR SECTION C-C
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



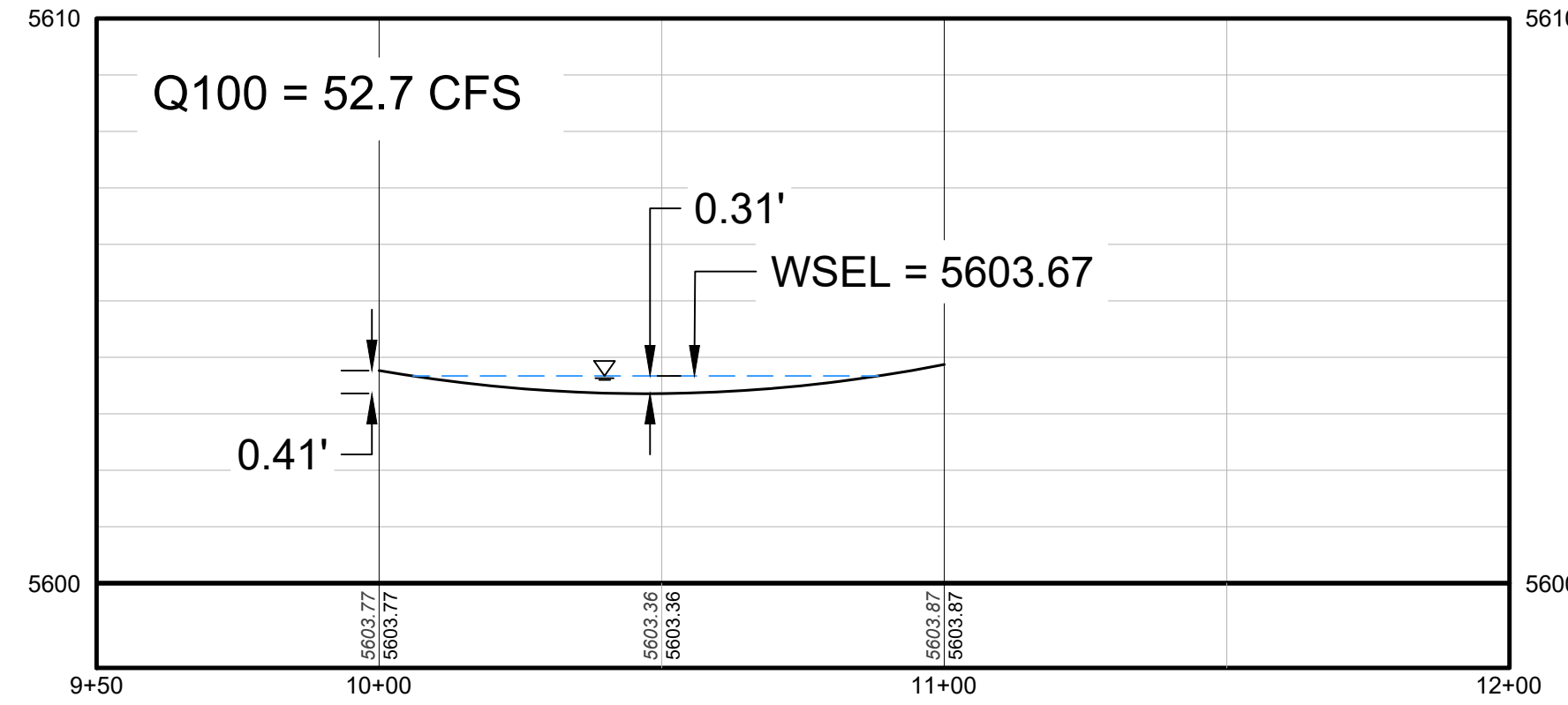
PROFILE: EMERGENCY OVERFLOW WEIR SECTION D-D
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



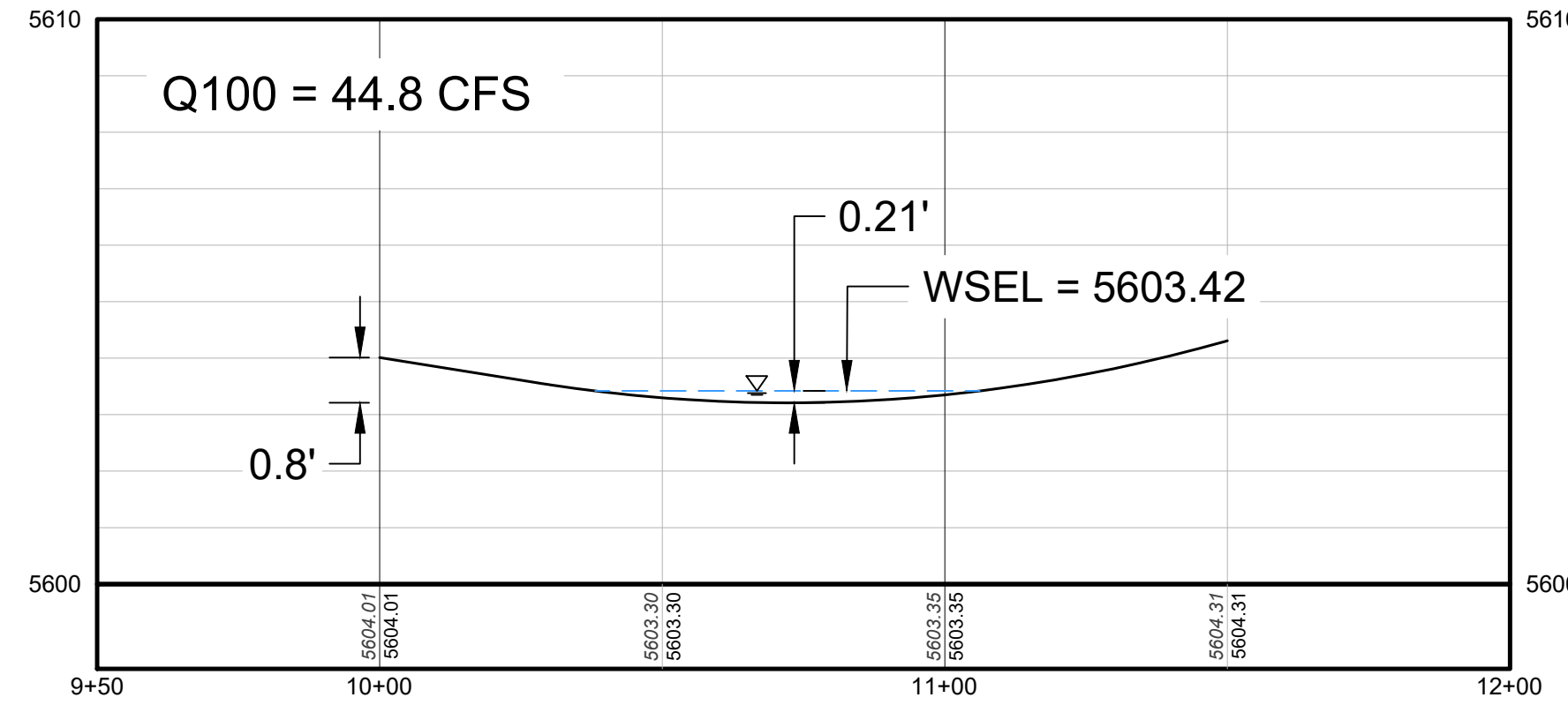
PROFILE: EMERGENCY OVERFLOW WEIR SECTION E-E
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



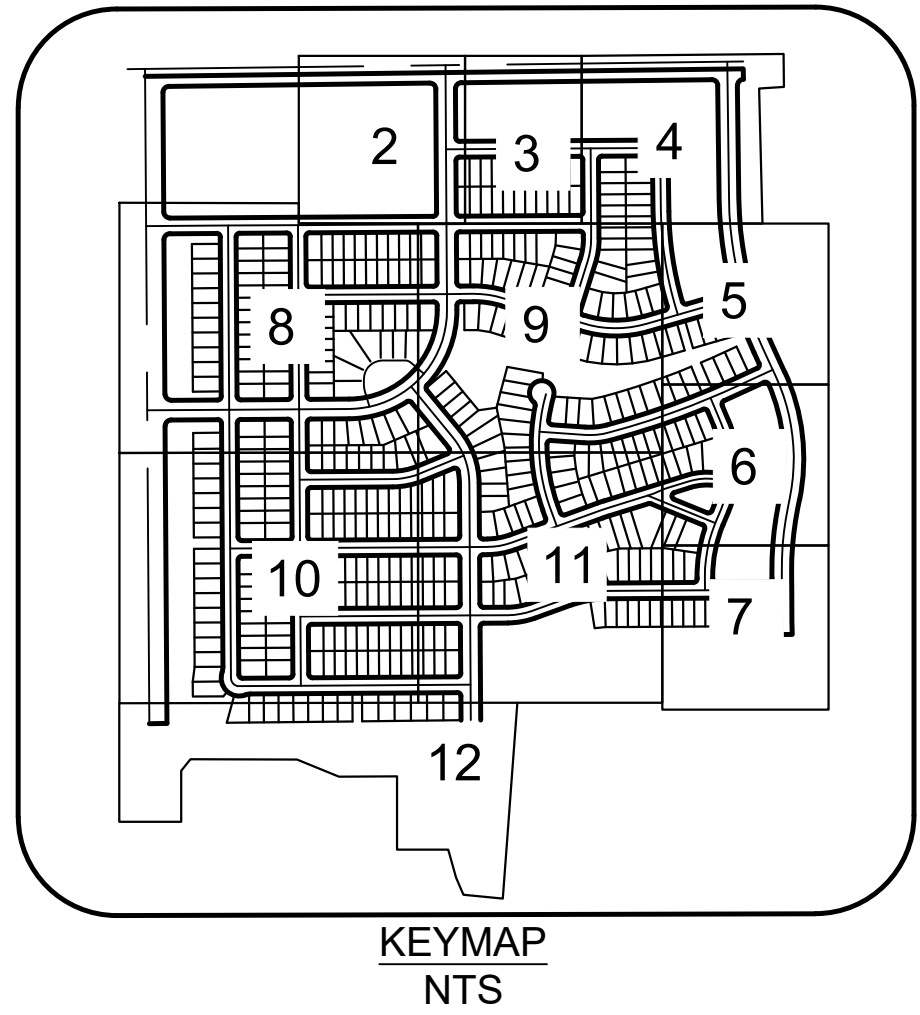
PROFILE: EMERGENCY OVERFLOW WEIR SECTION F-F
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



PROFILE: EMERGENCY OVERFLOW WEIR SECTION G-G
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'



PROFILE: EMERGENCY OVERFLOW WEIR SECTION H-H
HORIZONTAL: 1" = 50'
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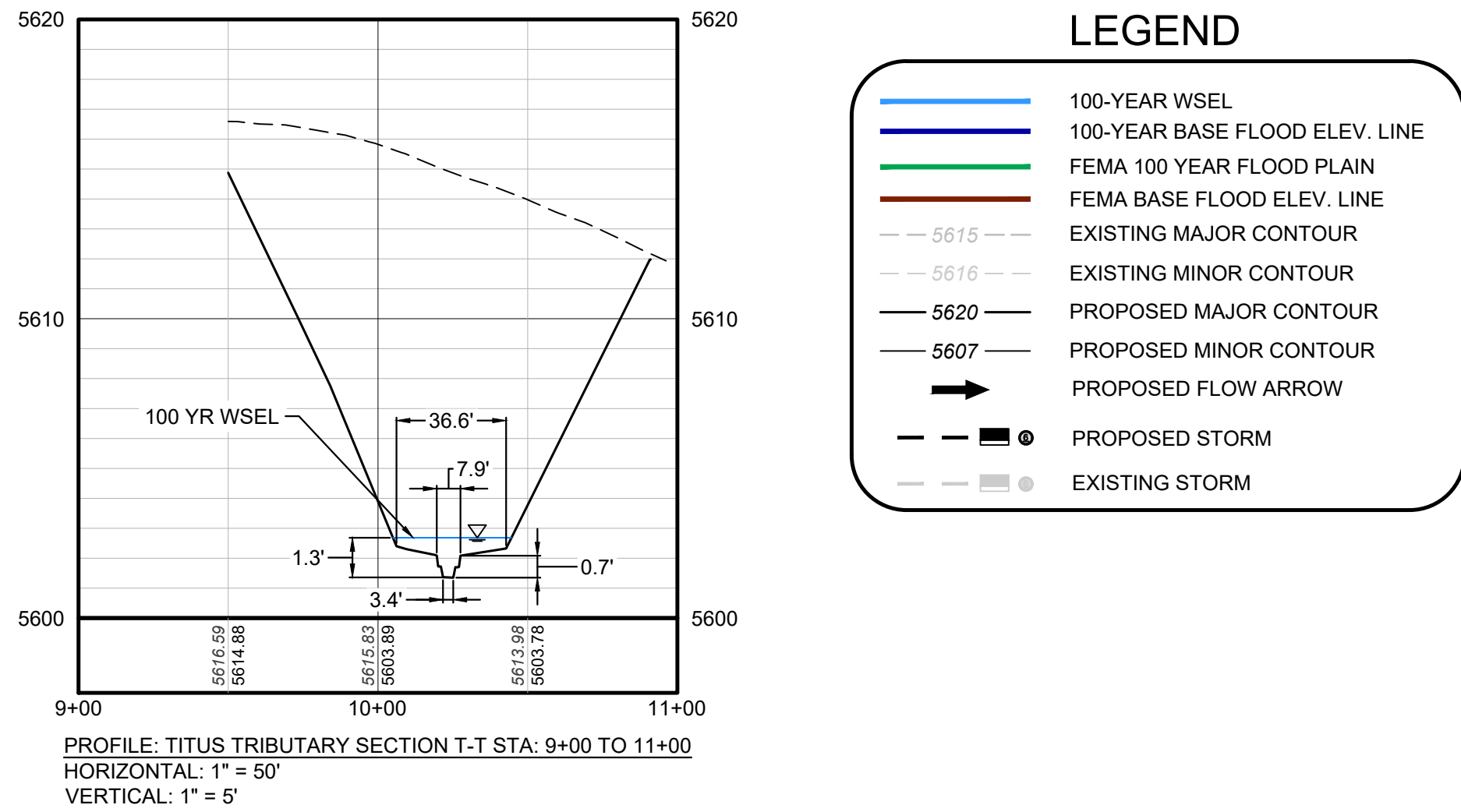
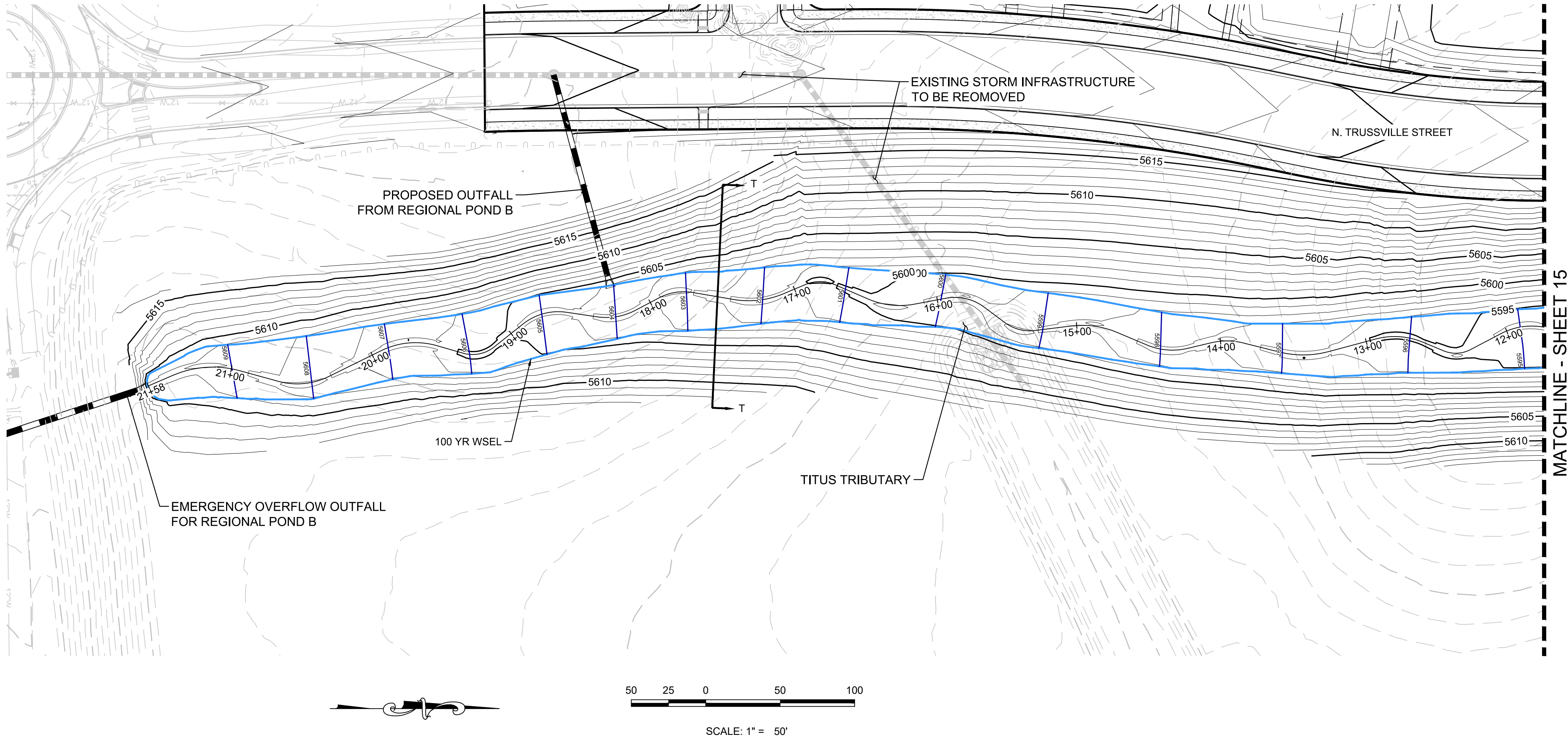
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9750 W. Cambridge Place Littleton, CO 80127		Tel: (303) 920-9400 Fax: (303) 920-9440	
HARMONY SUBDIVISION FILING NO. 16		PRELIMINARY DRAINAGE PLAN ONSETS	
EMERGENCY OVERFLOW CROSS SECTIONS		SCALE: AS SHOWN	
DRAWN BY:		FILE NO: 8130214922	
CHECKED BY:		DATE: DECEMBER 2022	
SHEET NUMBER		13	

N:\PROJECTS\30175604 SAND CREEK\CAO\ENGINEERING\SHEET SET\SCDD FILING\BCH\CHANNEL P&P.DWG. RNMCMACHON, 12/14/22



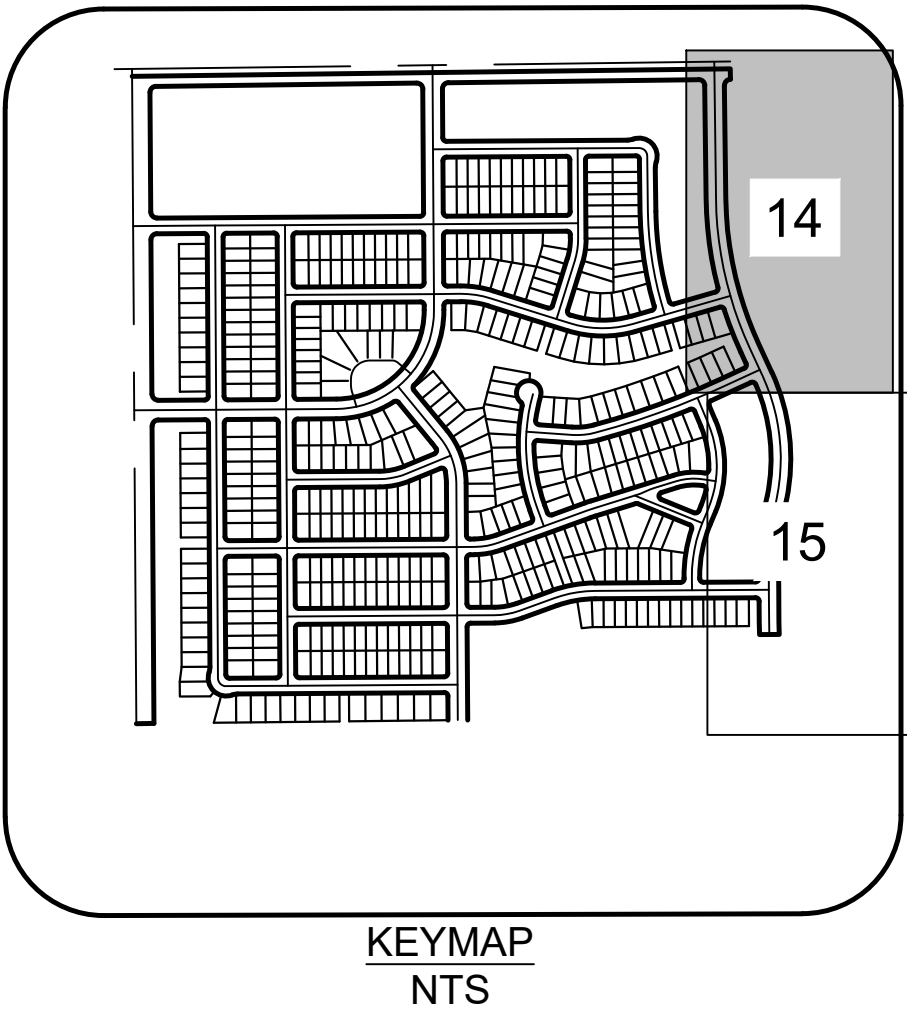
- NOTES:
1. CITY OF AURORA PLAN REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF AURORA DESIGN CRITERIA AND THE CITY CODE. THE CITY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, OF DIMENSIONS AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE CITY OF AURORA, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.
 2. ALL PONDS ARE PRIVATE AND WILL BE MAINTAINED BY THE POWHATON METRO DISTRICT WITH THE EXCEPTION OF REGIONAL DETENTION POND T WHICH WILL BE MAINTAINED BY THE MILE HIGH FLOOD DISTRICT.
 3. ALL STORM INLETS AND STORM PIPE DOWNSTREAM OF STORM INLETS HAVE BEEN DESIGNED FOR THE 100-YEAR STORM.
 4. ALL STORM INLETS AND PIPES SHOWN IN THE ROW WILL BE PUBLIC AND WILL BE MAINTAINED BY THE CITY OF AURORA UNLESS OTHERWISE NOTED.
 5. ALL SWALES AND TRACTS ARE PRIVATE AND WILL BE MAINTAINED BY THE POWHATON METRO DISTRICT UNLESS OTHERWISE NOTED.
 6. ALL ROADS ARE CLASSIFIED AS PUBLIC.
 7. IN THE EVENT THAT A SUMP INLET BECOMES CLOGGED, THE ADJACENT FINISHED FLOOR ELEVATIONS MUST BE ONE FOOT ABOVE THE EMERGENCY WSEL AS IT SPILLS INTO AN ADJACENT BASIN.
 8. SHADED ALLEY LINEWORK IS FUTURE. BASINS HAVE BEEN DELINEATED FOR ALLEY AND STORM ANALYSIS.

BASIS OF BEARINGS
BEARINGS ARE BASED IN ACCORDANCE WITH THE CITY OF AURORA HORIZONTAL CONTROL NETWORK, UPON THE NORTH LINE OF THE SOUTHWEST QUARTER OF SECTION 9, TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING PUBLISHED TO BEAR NORTH 89°21'50" EAST, 264.23 FEET (264.25 FEET AS MEASURED) AND MONUMENTED AS SHOWN HEREON.

BENCH MARK
COA ID: 3S6508NW001. ELEVATIONS ARE BASED ON THE CITY OF AURORA AND COUNTY OF ADAMS BENCHMARK #3S3508NW001 A CITY OF AURORA AND COUNTY OF ADAMS 3-1/4" ALUMINUM CAP STAMPED (CITY OF AURORA B.M. 3S6508NW001, 2007), ON A 6" PVC PIPE WITH A CAP, LOCATED 27' SOUTHEAST OF THE SECTION CORNER TO SECTIONS 6, 5, 8, 7, TOWNSHIP 3 SOUTH, RANGE 65 WEST, 66.7 SOUTHEAST OF A YELLOW STEEL CONCRETE POST, 20' SOUTH OF THE CENTERLINE OF A DIRT ROAD (64TH AVENUE) AND 1.3 MILES EAST OF THE INTERSECTION OF E-470 AND 64TH AVENUE, ELEVATION = 5394.58' (NAVD1988) DATUM.

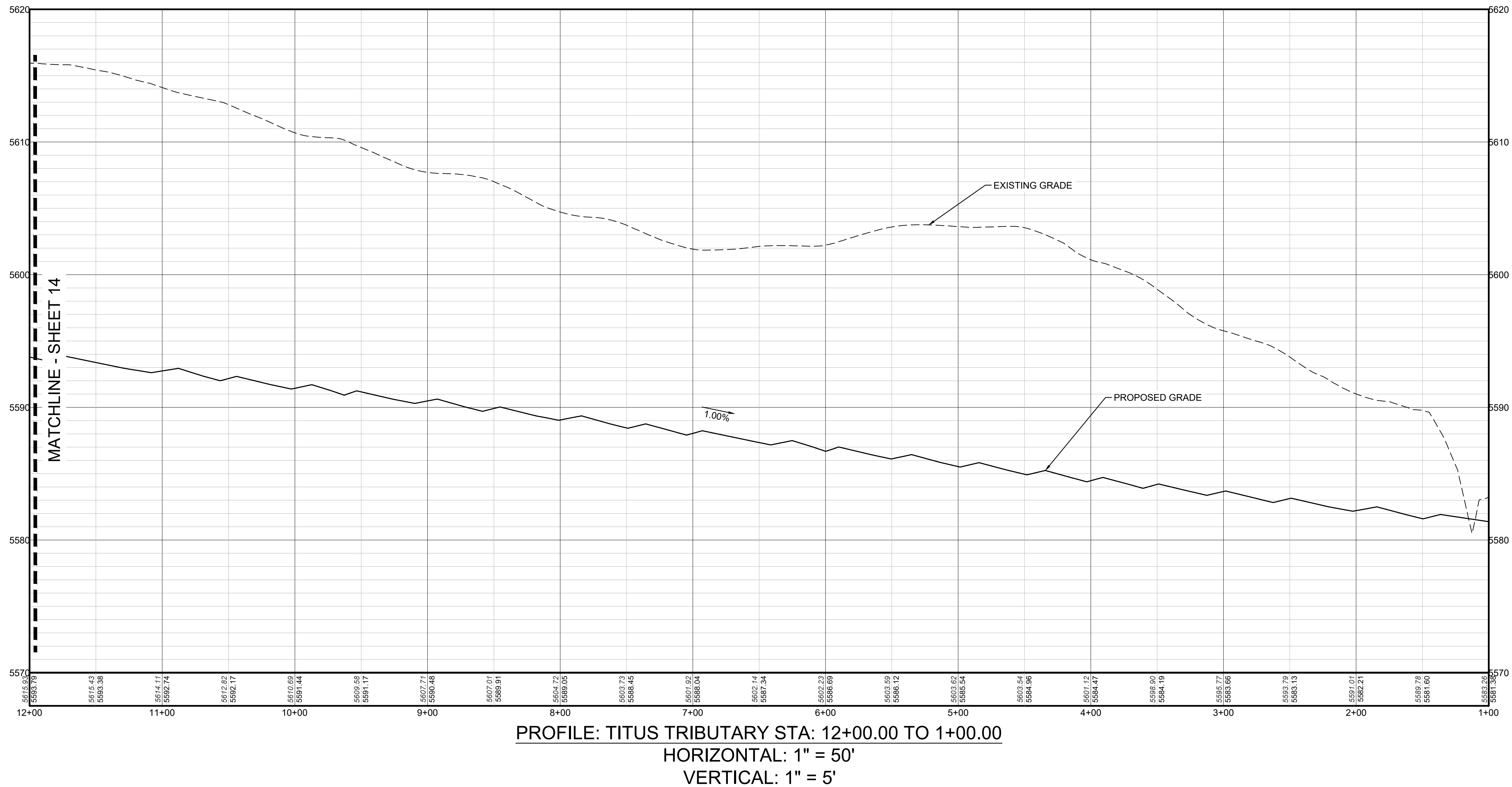
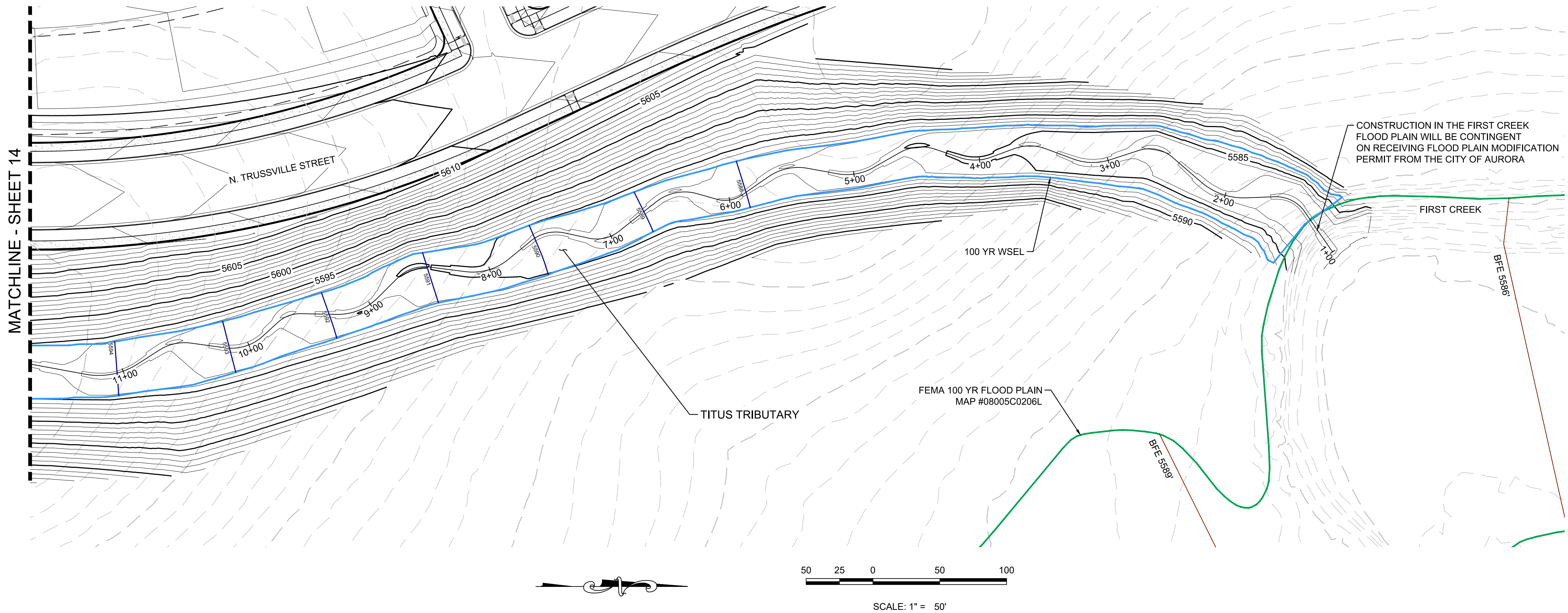
PREPARED UNDER THE
SUPERVISION OF

BRIAN SCHAFER
COLORADO P.E. 0057673



SHEET NUMBER 14	DRAWN BY:		SCALE: AS SHOWN	HARMONY SUBDIVISION FILING NO. 16 PRELIMINARY DRAINAGE PLAN ONSETS CHANNEL P&P	Melcor/TC Aurora, LLC C/O Marathon Land Company 9750 W. Cambridge Place Littleton, CO 80127 Tel: (303) 920-9400 Fax: (303) 920-9440	Westwood 10333 E DRY CREEK RD. SUITE 240 ENGLEWOOD, CO 80112 TEL: 720.482.9526 Westwoodps.com Westwood Professional Services, Inc.						
	CHECKED BY: BS											
	DATE: DECEMBER 2022											
							No.	Revisions	Date	Init.	Appr.	Date

N:\PROJECTS\30175604 SAND CREEK\CAD\ENGINEERING\SHEET SET\SDCDD FLING 18\CHANNEL P&P.DWG. RNMCMACHON, 12/14/22



BASIS OF BEARINGS
BEARINGS ARE BASED IN ACCORDANCE WITH THE CITY OF AURORA HORIZONTAL CONTROL NETWORK, UPON THE NORTH LINE OF THE SOUTHWEST QUARTER OF SECTION 9, TOWNSHIP 4 SOUTH, RANGE 65 WEST OF THE SIXTH PRINCIPAL MERIDIAN, BEING PUBLISHED TO BEAR NORTH 89°21'15" EAST, 2648.23 FEET (2648.25 FEET AS MEASURED) AND MONUMENTED AS SHOWN HEREON.

BENCH MARK
COA ID: 3S6508NW001. ELEVATIONS ARE BASED ON THE CITY OF AURORA AND COUNTY OF ADAMS BENCHMARK #3S3508NW001 A CITY OF AURORA AND COUNTY OF ADAMS 3-1/4" ALUMINUM CAP STAMPED (CITY OF AURORA B.M. 3S6508NW001, 2007), ON A 51 #6 REBAR, IN A 6" PVC PIPE WITH A CAP, LOCATED 27' SOUTHEAST OF THE SECTION CORNER TO SECTIONS 6, 5, 8, 7, TOWNSHIP 3 SOUTH, RANGE 65 WEST, 66.7 SOUTHEAST OF A YELLOW STEEL CONCRETE POST, 20' SOUTH OF THE CENTERLINE OF A DIRT ROAD (64TH AVENUE) AND 1.3 MILES EAST OF THE INTERSECTION OF E-470 AND 64TH AVENUE, ELEVATION = 5394.58' (NAVD1988) DATUM.

PREPARED UNDER THE
SUPERVISION OF

BRIAN SCHAFFER
COLORADO P.E. 0057673

SHEET NUMBER 15	DRAWN BY:	SCALE:	HARMONY SUBDIVISION FILING NO. 16 PRELIMINARY DRAINAGE PLAN ONSETS CHANNEL P&P	Melcor/TC Aurora, LLC C/O Marathon Land Company 9750 W. Cambridge Place Littleton, CO 80127 Tel: (303) 920-9400 Fax: (303) 920-9440	Westwood 10333 E DRY CREEK RD. SUITE 240 ENGLEWOOD, CO 80112 TEL: 720.482.9526 Westwoodps.com Westwood Professional Services, Inc.	Revisions	Date	Init.	Appr.	Date
	CHECKED BY:	AS SHOWN								
DATE: 8/30/21 14922										