

CONSTRUCTION NOTES

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- Technical drawing of a rectangular structure, likely a building foundation or a large container, showing dimensions and callouts. The drawing includes a top view and a side view. The top view shows a rectangular area with dimensions 10'-9" (approx. overall length) and 15'-11 1/2" (gaslet contact faces). The side view shows a cross-section with dimensions 14'-2" (approx. height) and 15'-11 1/2" (width). The drawing includes numerous callouts (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62) and notes (e.g., "NOTE: COVER TO SAME DETAILS AS CHANNEL EXCEPT FOR:", "BRANCHES SHOWN:", "ONE CENTRAL PARTITION PLATE", "SEE DRG WX-7720", "DRILL 1/2" HOLE AT N9 & N10", "10-1/2" DIA. TIE RODS FITTED WITH 2" DIA. X 0.105" WT. SPACERS (SEE SCHEDULES)", "ORIENTATION").

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	SHELL SIDE	TUBE SIDE		SHELL SIDE	TUBE SIDE
Shell	C.S. A 285 GC	—	Heads	—	C.S. A 285 GC
Supports	C.S. B 1501-151-152A	—	Cone	—	—
Gaskets	—	CRAL HEINGS TO 55 A 100	Nozzle Tubing	C.S. A 106 B	55 A 100
Nozzle Flanges	C.S. A 181 I	55 A 181 I	Blank Flanges	C.S. A 161 I	55 A 181 I
Pressure Bolting	TO 55 A 100 AND 55 A 100	—	Non-Pressure Bolting	—	—
Tubes	C.S. B 300 H A 203 B 204 C 205	TITANIUM 203 C 205	Tube-plates	55 B 300 H A 204	TITANIUM 205
	—	—	RAFFLES	55 A 280 B 21	—
YELLOW	INCOLOY 815	—	TE. 803G	55 B 300 H A 204	—
MAIN FLANGES	—	C.S. A 105 I	GRAPES	55 A 105 I TP334	—

Ref.	N.S.	Wall th	Range Standard	Face	Service	No off	Nozzle standouts
S1	10"	0.375	W.N. ASA 150	$\frac{1}{4}$ " R.F.	HEATING FLUID INLET	1	2' 11"
S1	3"	0.350	W.N. ASA 150	$\frac{1}{4}$ " R.F.	HEATING FLUID OUTLET	1	2' 11"
T1	16"	0.500	W.N. ASA 150	$\frac{1}{4}$ " R.F.	PROCESS FLUID INLET	1	SEE TAG.
T1	14"	0.400	W.N. ASA 150	$\frac{1}{4}$ " R.F.	PROCESS FLUID OUTLET	1	SEE TAG.
N1	1"	0.350	W.N. ASA 150	$\frac{1}{4}$ " R.F.	INSTR. CONDUIT (BLANKED)	1	SEE TAG.
N1	1 1/2"	0.400	W.N. ASA 150	$\frac{1}{4}$ " R.F.	INSTR. CONDUIT (BLANKED)	1	SEE TAG.
N1	1"	0.350	W.N. ASA 150	$\frac{1}{4}$ " R.F.	INSTR. CONDUIT (BLANKED)	1	SEE TAG.
N4	1 1/2"	0.400	W.N. ASA 150	$\frac{1}{4}$ " R.F.	INSTR. CONDUIT (BLANKED)	1	SEE TAG.
N4	1"	0.350	W.N. ASA 150	$\frac{1}{4}$ " R.F.	INSTR. CONDUIT (BLANKED)	1	SEE TAG.
N5	1 1/2"	0.400	W.N. ASA 150	$\frac{1}{4}$ " R.F.	INSTR. CONDUIT (BLANKED)	1	SEE TAG.
N5	1"	0.350	W.N. ASA 150	$\frac{1}{4}$ " R.F.	INSTR. CONDUIT (BLANKED)	1	SEE TAG.
N7	1"	0.350	W.N. ASA 150	$\frac{1}{4}$ " R.F.	INSTR. CONDUIT (BLANKED)	1	SEE TAG.
N7	1 1/2"	0.400	W.N. ASA 150	$\frac{1}{4}$ " R.F.	INSTR. CONDUIT (BLANKED)	1	SEE TAG.
N9	2 1/2"	0.475	W.N. ASA 150	$\frac{1}{4}$ " R.F.	CHANNEL VENT (BLANKED)	1	SEE TAG.
N10	5"	0.714	W.N. ASA 150	$\frac{1}{4}$ " R.F.	CHANNEL DRAIN (BLANKED)	1	SEE TAG.

Issue	Description	Grid	Initial Date
A	FACING DIA. ON CHANNEL CORRECTED. SHELL CORRECTIONS IN MOUNTAIN WERE NOTED AND POSTERIOR HILLS REVERSED. CORRECTIONS ADDED. LETTERS 1 AND 8 ADDED. LETTERS 4, 12, 14 & 15 ADDED. BRANCH 51. MOUNTAIN REVERSED. LETTERS 12, 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,		

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