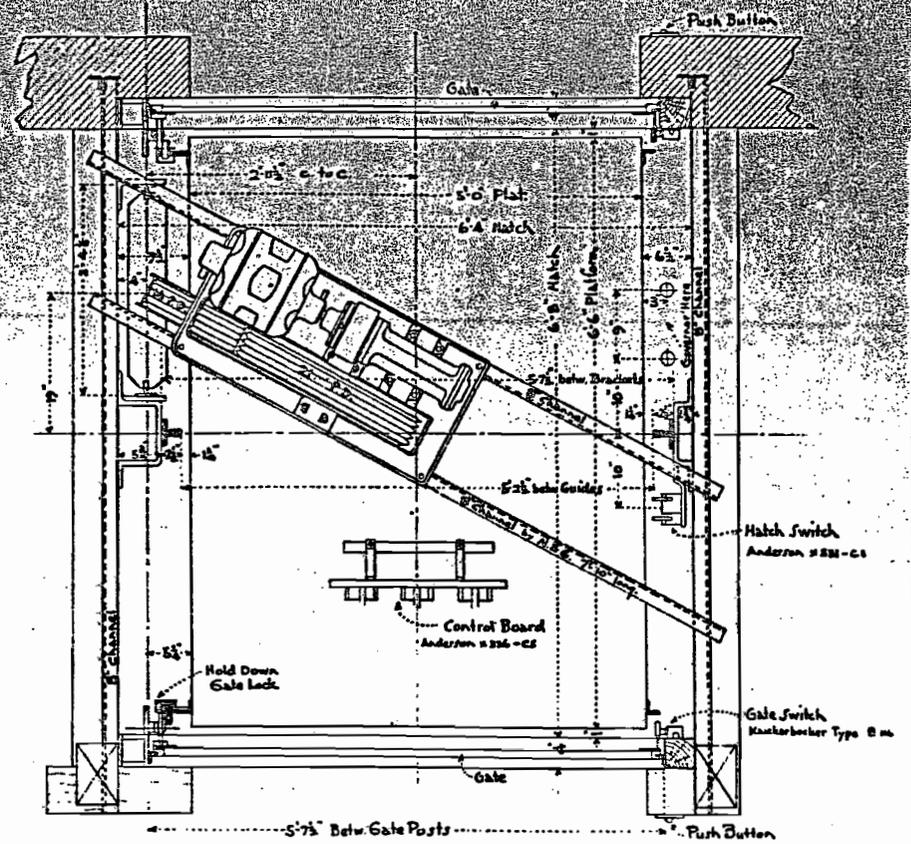
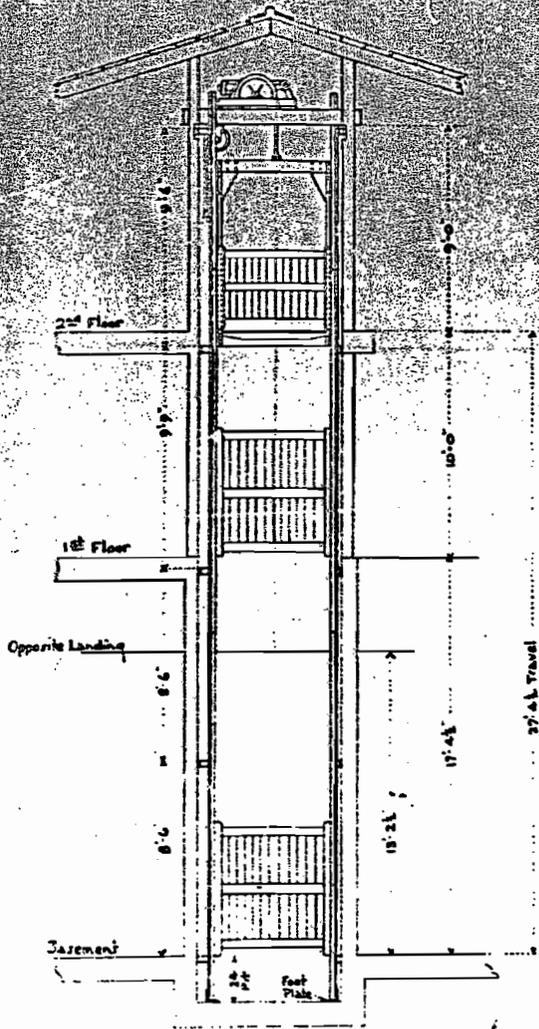
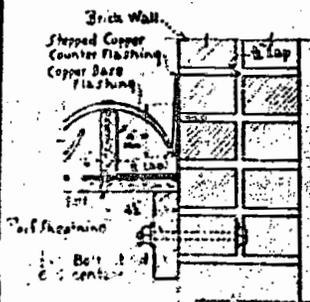


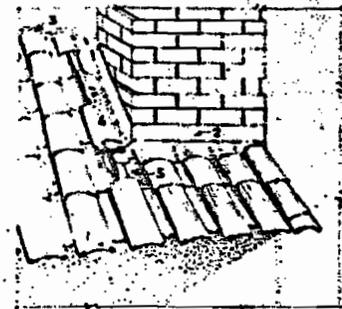
Appendix B: Copy of Original Plans for Construction of the Facility



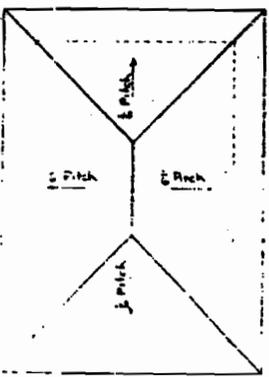
DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 BOULDER CANYON PROJECT
**BOULDER CITY WATER SUPPLY
 TREATING AND FILTRATION PLANT
 ELEVATOR INSTALLATION**
 DRAWN 215, BY SA. SUBMITTED, *Louis J. Neuman*
 TRACED... A. S. V. RECOMMENDED *H. P. McCallister*
 CHECKED E. M. APPROVED *C. P. Backer*
 DENVER, COLO. S. & M. 145-D-7212



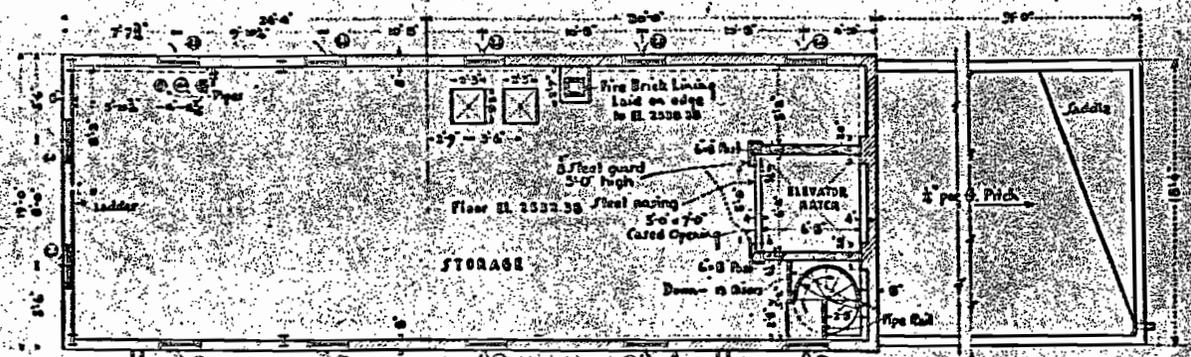
DETAIL No. 1



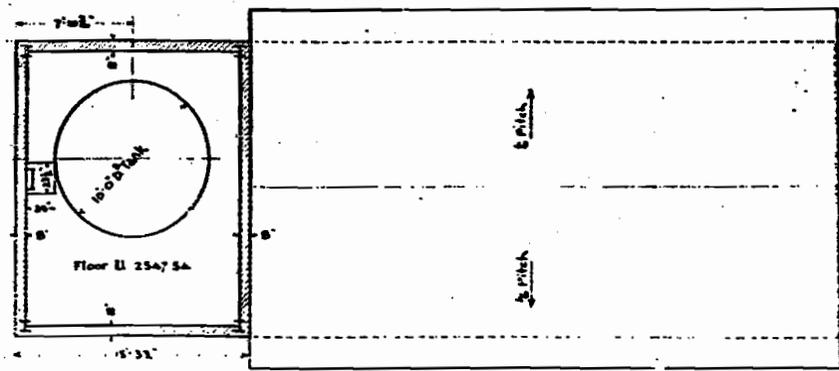
DETAIL No. 2



PLAN-TOWER ROOF



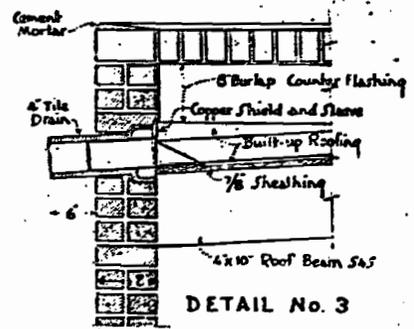
SECOND FLOOR PLAN



TANK FLOOR PLAN



ROOF DETAIL

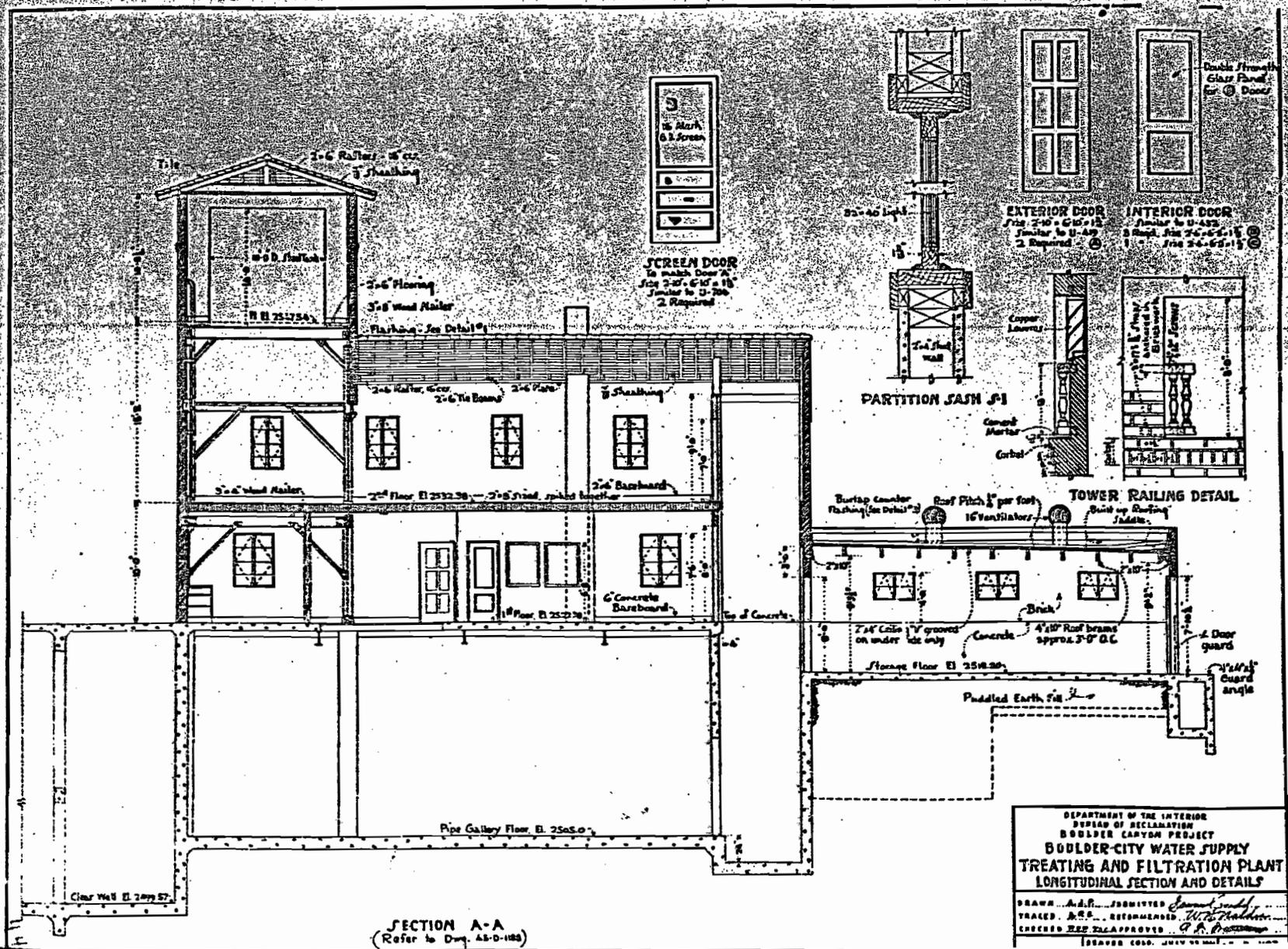


DETAIL No. 3

DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 BOULDER CANYON PROJECT
 BOULDER CITY WATER SUPPLY
 TREATING AND FILTRATION PLANT
 SECOND AND TANK FLOOR PLANS AND DETAILS

DRAWN BY: [Signature] SUBMITTED: [Signature]
 TRACED BY: [Signature] RECOMMENDED: [Signature]
 CHECKED BY: [Signature] APPROVED: [Signature]

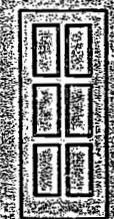
BOULDER COLORADO MAY 23 1922 45-D-1189



SCREEN DOOR
To match Door 2
Size 12'-6" x 10" x 15"
Similar to U-706
2 Required



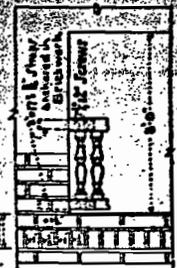
PARTITION JAMB J-1



EXTERIOR DOOR
Size 12'-6" x 10" x 15"
Similar to U-407
2 Required



INTERIOR DOOR
Similar to U-452
3 Required
Size 12'-6" x 10" x 15"



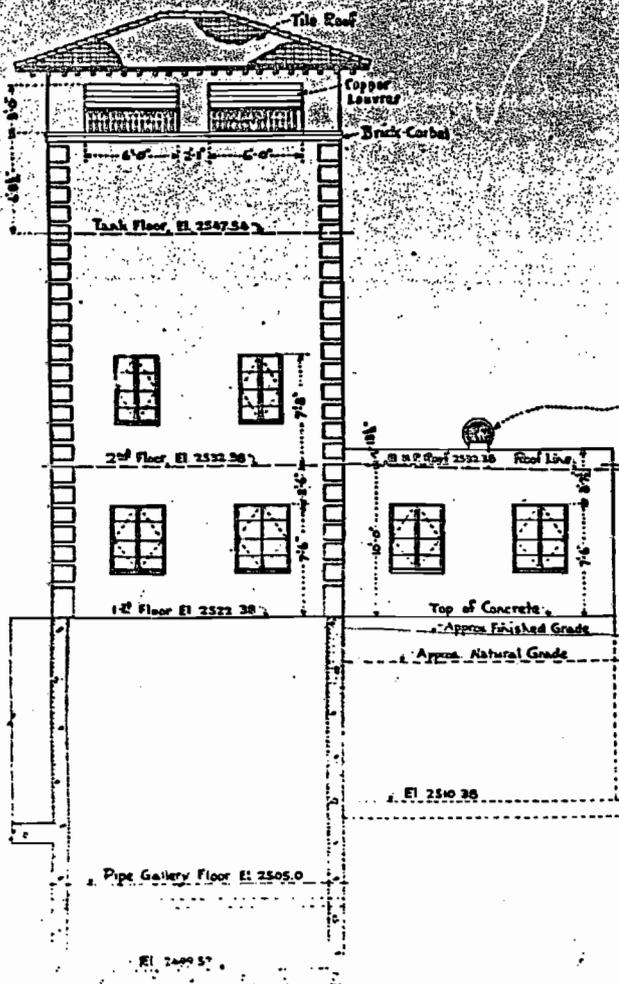
TOWER RAILING DETAIL

SECTION A-A
(Refer to Dwg. 45-D-188)

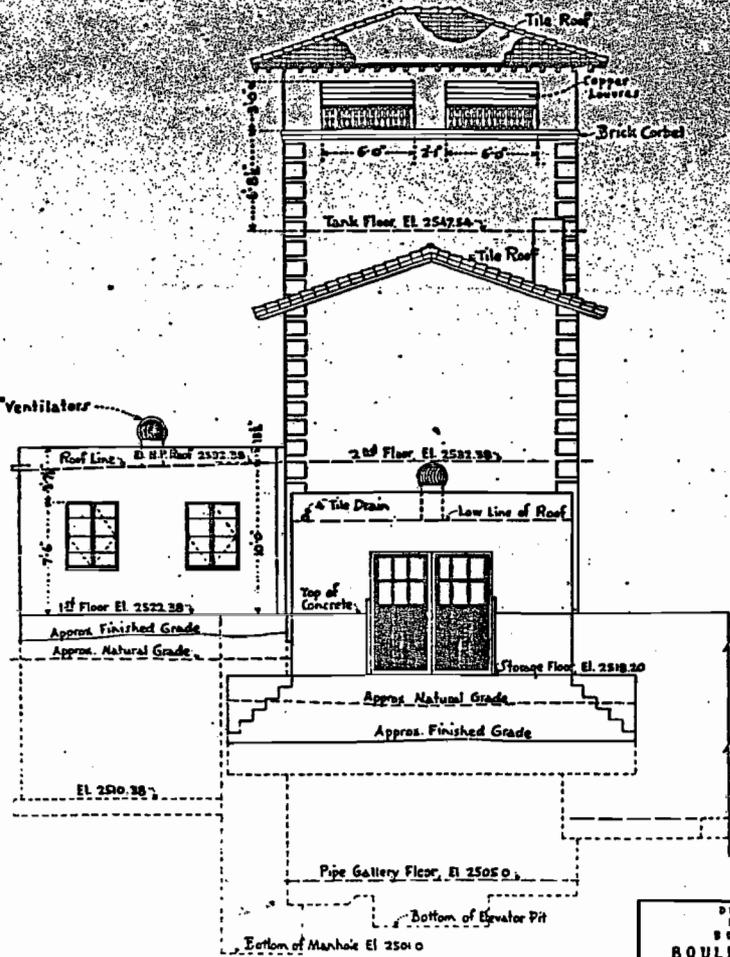
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
BOULDER CANYON PROJECT
BOULDER-CITY WATER SUPPLY
TREATING AND FILTRATION PLANT
LONGITUDINAL SECTION AND DETAILS

DRAWN A.E.R. SUBMITTED *Edward S. ...*
TRACED J.C.S. RECOMMENDED *W.H. ...*
CHECKED H.E.P. APPROVED *G.P. ...*

ISSUED COPIES JULY 1917



NORTH WEST ELEVATION

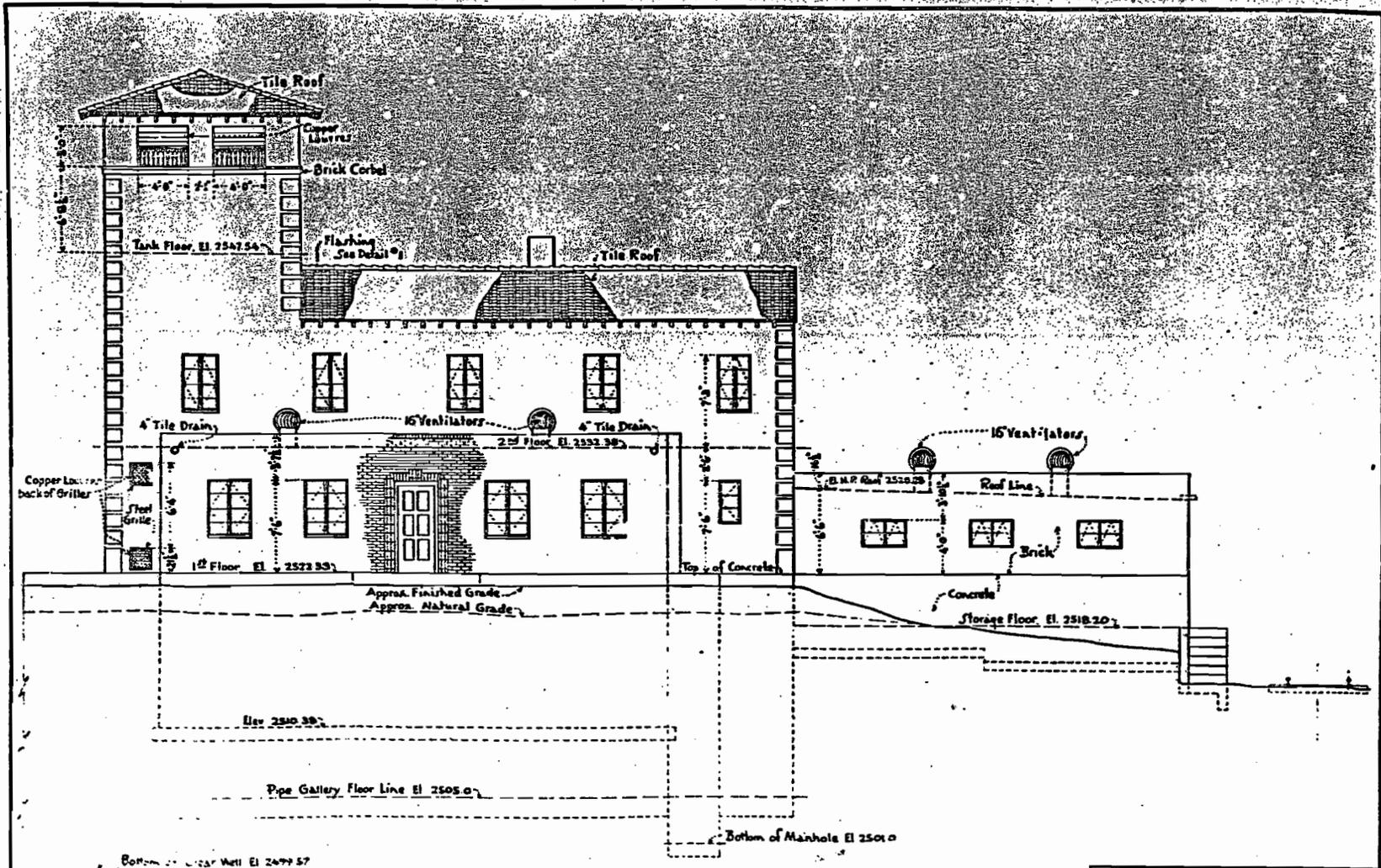


SOUTHEAST ELEVATION

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
BOULDER CANYON PROJECT
**BOULDER CITY WATER SUPPLY
TREATING AND FILTRATION PLANT
NORTHWEST AND SOUTHEAST ELEVATIONS**

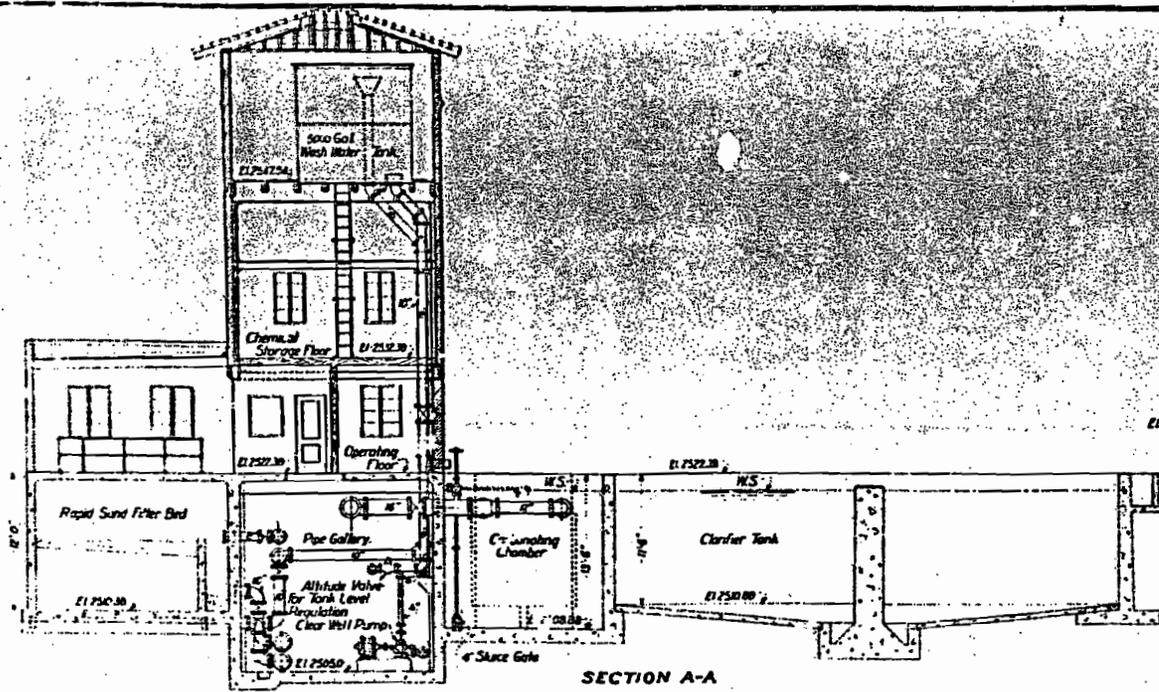
DRAWN A.S.R. SUBMITTED *[Signature]*
CHECKED A.S.R. RECOMMENDED *[Signature]*
CHECKED W.B.S.J. APPROVED *[Signature]*

DENVER, COLO., JULY 23 1931 165-D-119Z

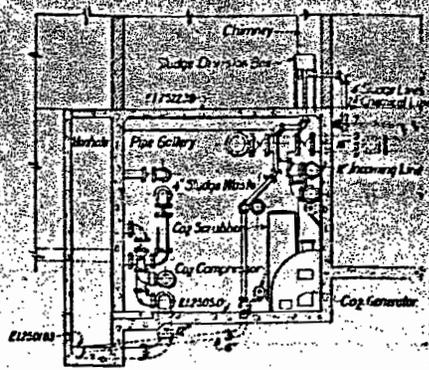


SOUTHWEST ELEVATION

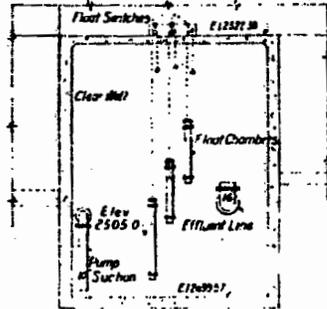
DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 BOULDER CANYON PROJECT
 BOULDER CITY WATER SUPPLY
 TREATING AND FILTRATION PLANT
 SOUTHWEST ELEVATION
 DRAWN AND SUBMITTED *[Signature]*
 CHECKED AND RECOMMENDED *[Signature]*
 APPROVED *[Signature]*



SECTION A-A

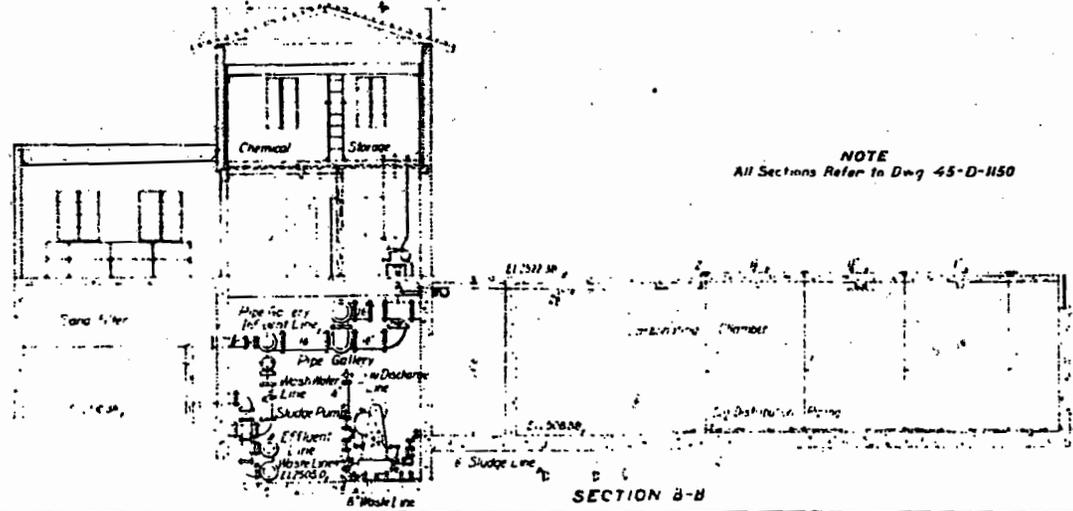


SECTION C-C



SECTION D-D

NOTE
All Sections Refer to Dwg 45-D-1150



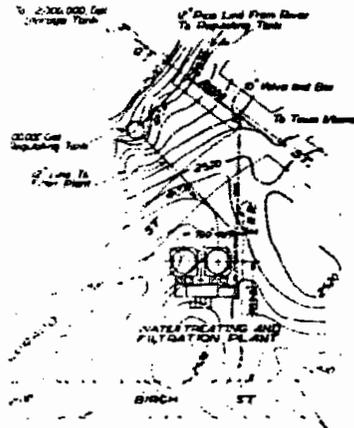
SECTION B-B

REFERENCE DRAWINGS
45-D-1150 1162 1161 1162 1161 1164 1165 1166

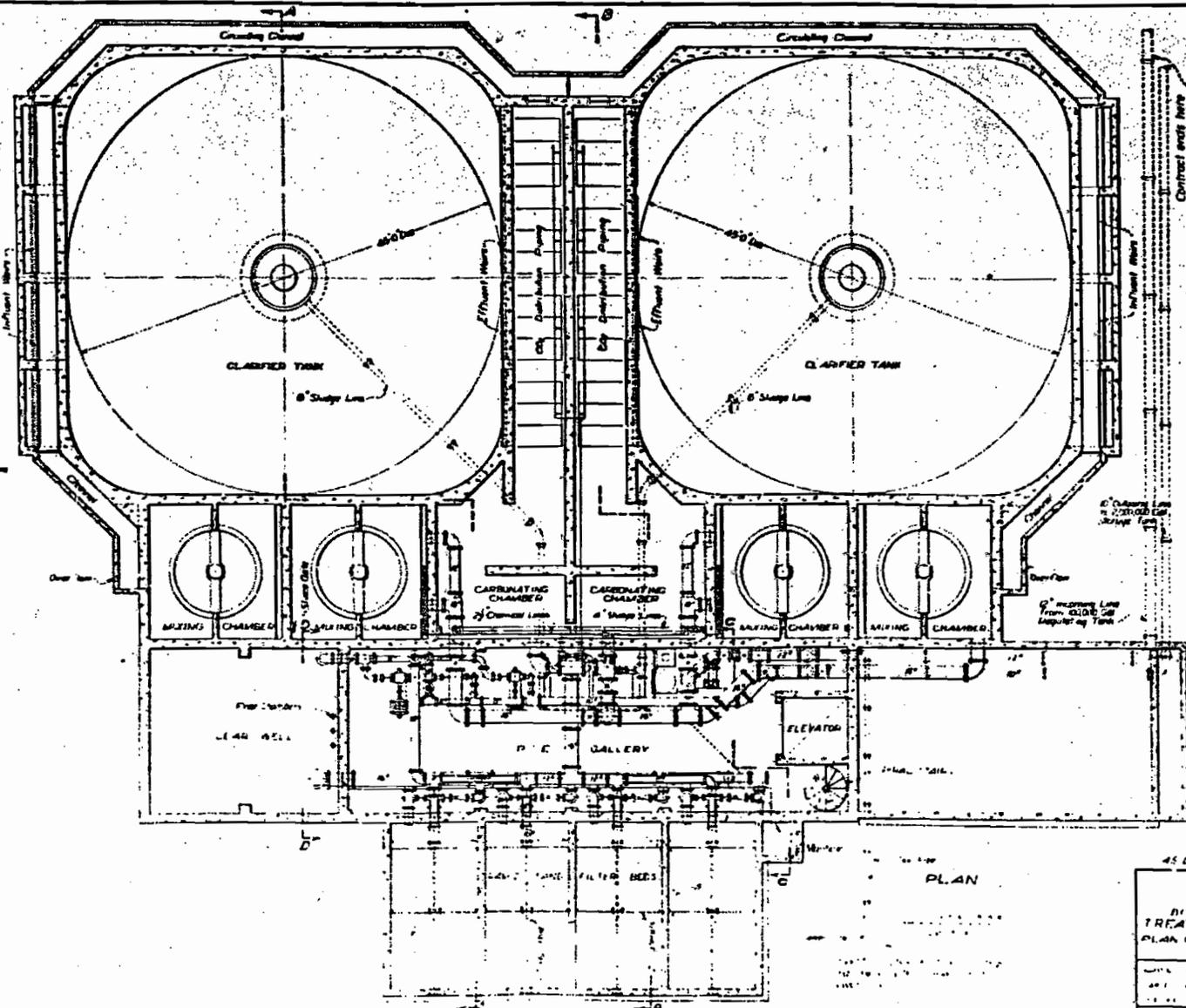
DEPARTMENT OF THE CITY ENGINEER
BOULDER CITY WATER SUPPLY
TREATING AND FILTRATION PLANT
SECTIONS-GENERAL PIPING ARRANGEMENT

DESIGNED BY	W. D.	DATE	4-27-1920
CHECKED BY	R. T. D.	APPROVED BY	W. D.

45-D-1151



PLANT PLAN



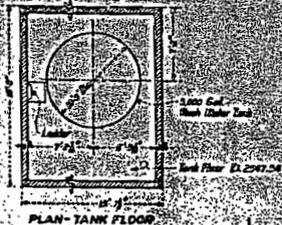
PLAN

REFERENCE DRAWINGS:
 45 D. 100, 101, 102, 103, 104, 105, 107, 108

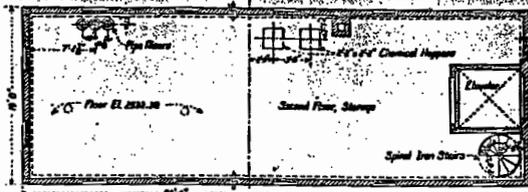
DESIGNED BY
 W. W. WATSON & SONS
 100 W. 11th St. ST. LOUIS, MO.

CONTRACT NO. 100-100-100-100-100

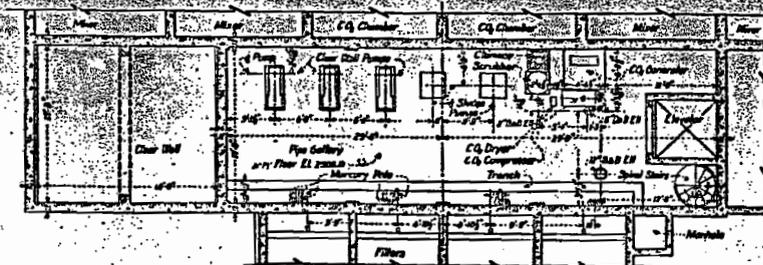
DATE: 1910



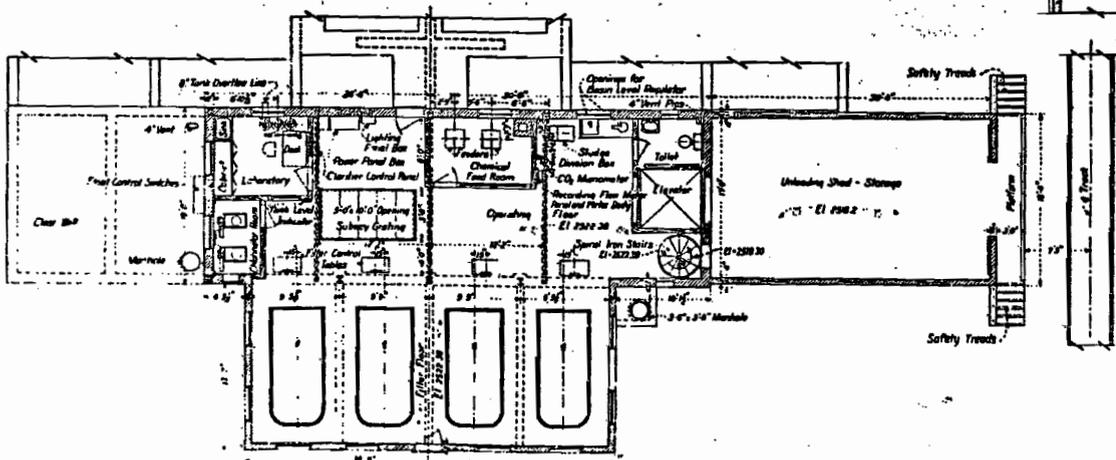
PLAN-TANK FLOOR



PLAN-CHEMICAL STORAGE FLOOR



PLAN-PIPE GALLERY FLOOR



PLAN-OPERATING FLOOR AND UNLOADING SHED

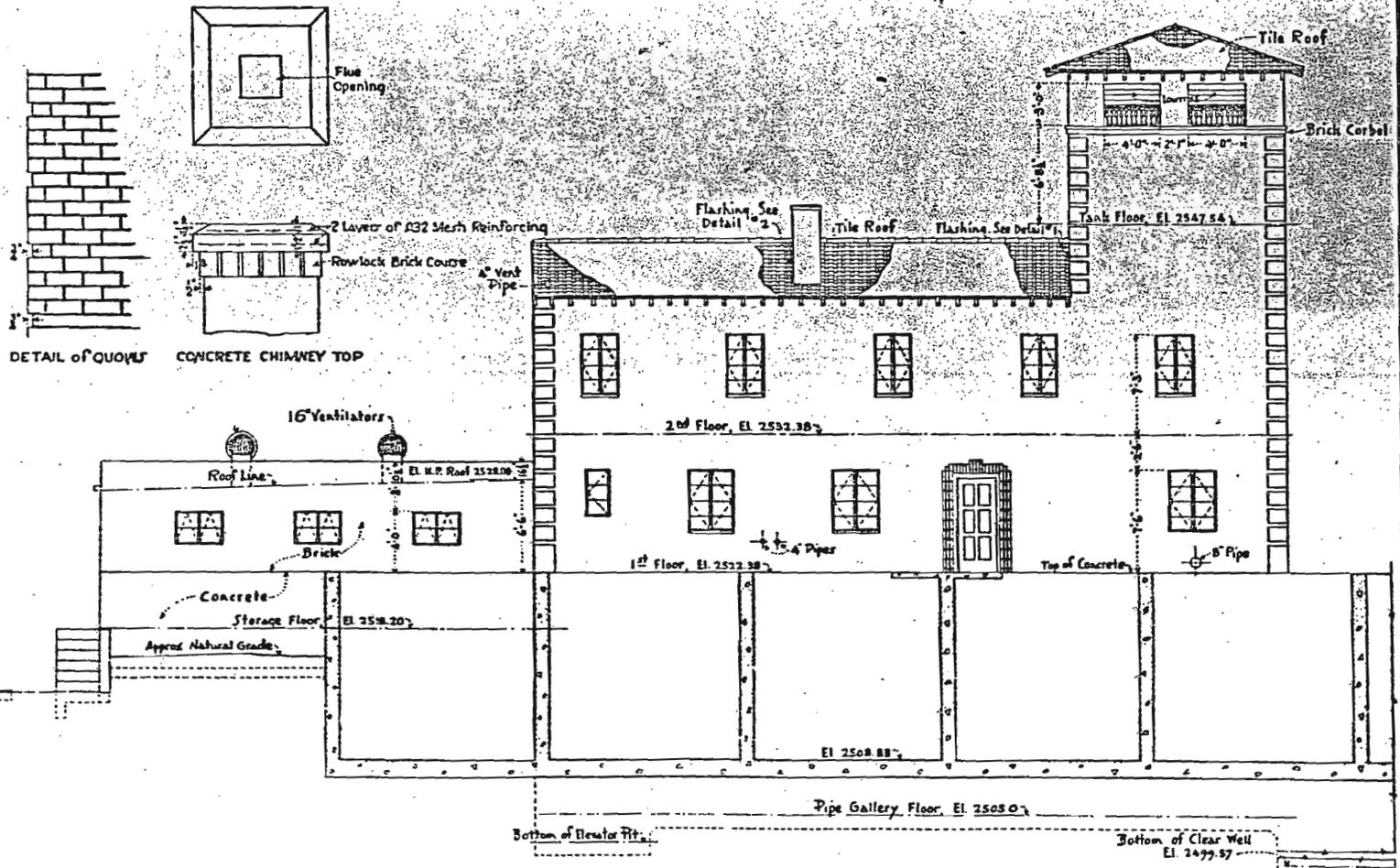
REFERENCE DRAWINGS
 45-0 1001, 1002, 1003, 1004, 1005, 1006, 1007

DESIGNED BY THE DISTRICT
 ENGINEER OF ILLINOIS
 PLUMBING DIVISION PROJECT

BOULDER CITY WATER SUPPLY
 TREATING AND FILTRATION PLANT
 FLOOR PLANS - EQUIPMENT LAYOUT

DRAWN BY R. M. G. C. S.	APPROVED BY R. M. G. C. S.
ENGINEER R. M. G. C. S.	APPROVED BY R. M. G. C. S.

REVISED MAY 25 1950 45-0-1204

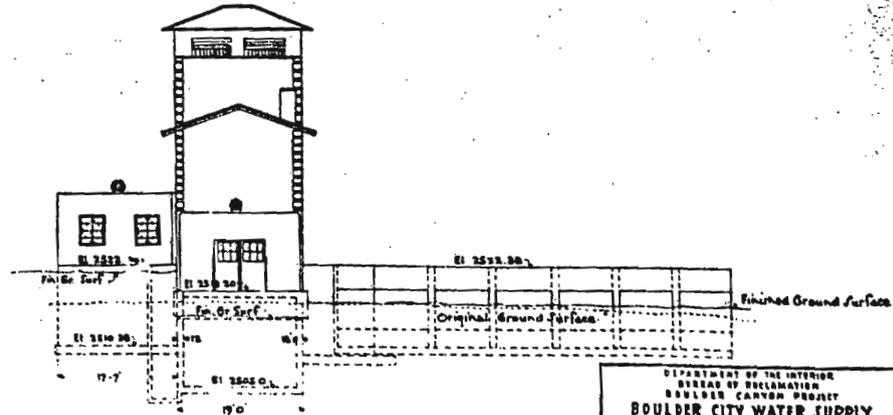
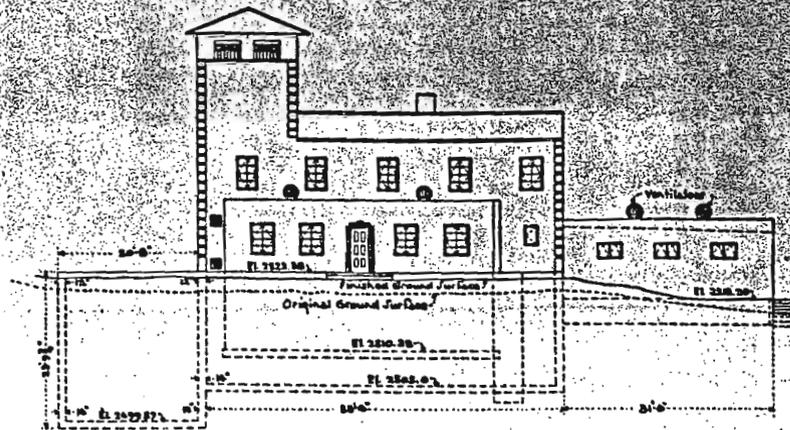
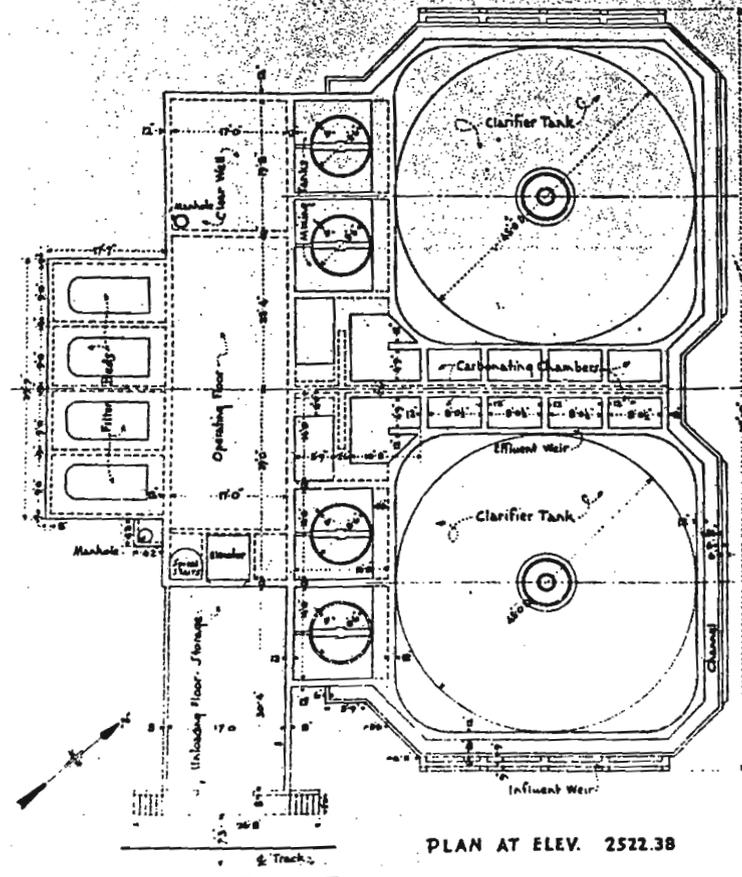


NORTHEAST ELEVATION

DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
 BOULDER CANYON PROJECT
**BOULDER CITY WATER SUPPLY
 TREATING AND FILTRATION PLANT
 NORTHEAST ELEVATION**

DRAWN A.J.P. SUBMITTED *[Signature]*
 TRACED J.M.C. RECOMMENDED *[Signature]*
 CHECKED T.H.S. APPROVED *[Signature]*

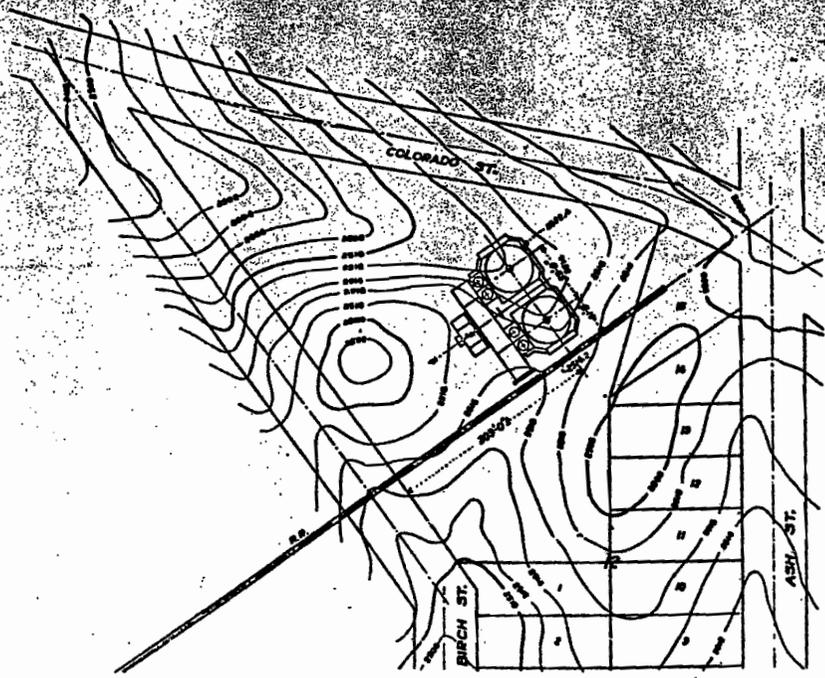
BOULDER, COLO., JULY 15, 1914 145-D-1790



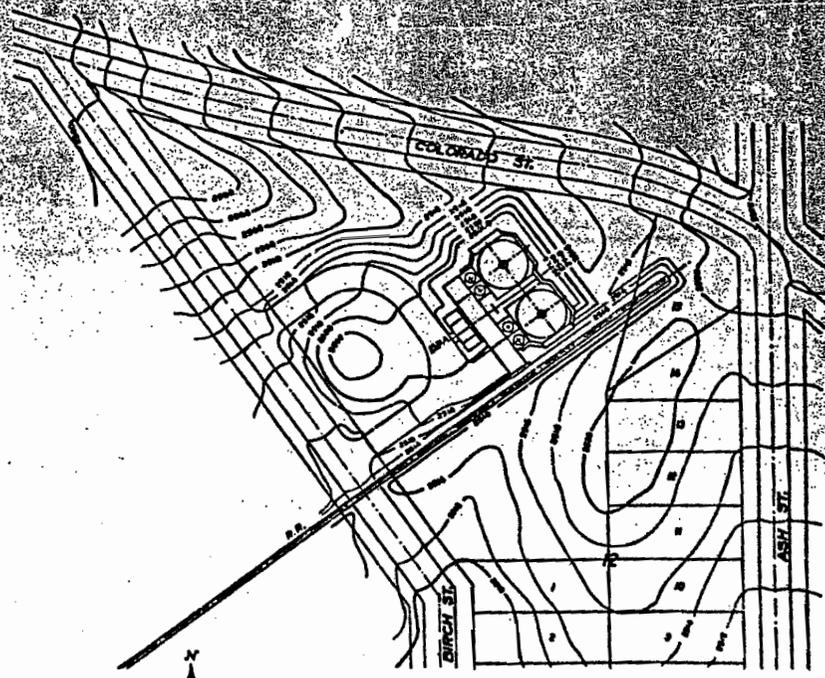
DEPARTMENT OF THE INTERIOR
BUREAU OF BULLIATION
BOULDER CANYON PROJECT
**BOULDER CITY WATER SUPPLY
TREATING AND FILTRATION PLANT
GENERAL PLAN**

DRAWN BY: [Signature]
CHECKED BY: [Signature]
APPROVED BY: [Signature]

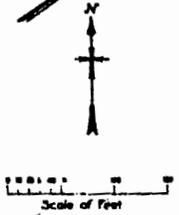
PLATE NO. 2522.38 65-D-1156



ORIGINAL CONTOURS



FINISHED GRADING PLAN



2

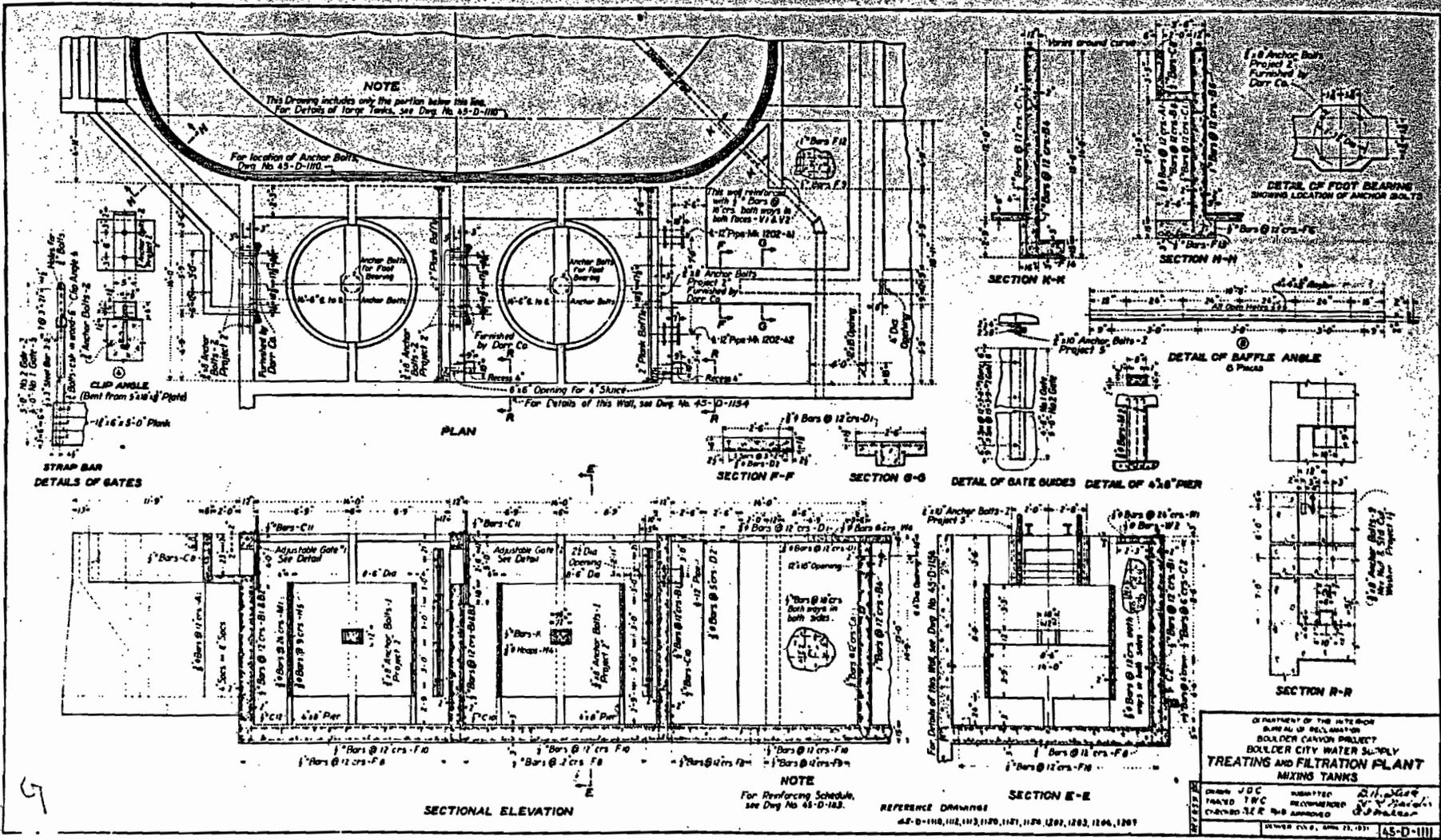
REFERENCE DRAWINGS
 45-D-NR, 1170, 1171, 4152

DEPARTMENT OF THE INTERIOR
 BUREAU OF PUBLIC WORKS
 BOULDER CANYON PROJECT

**BOULDER CITY WATER SUPPLY
 TREATING AND FILTRATION PLANT
 GRADING PLAN**

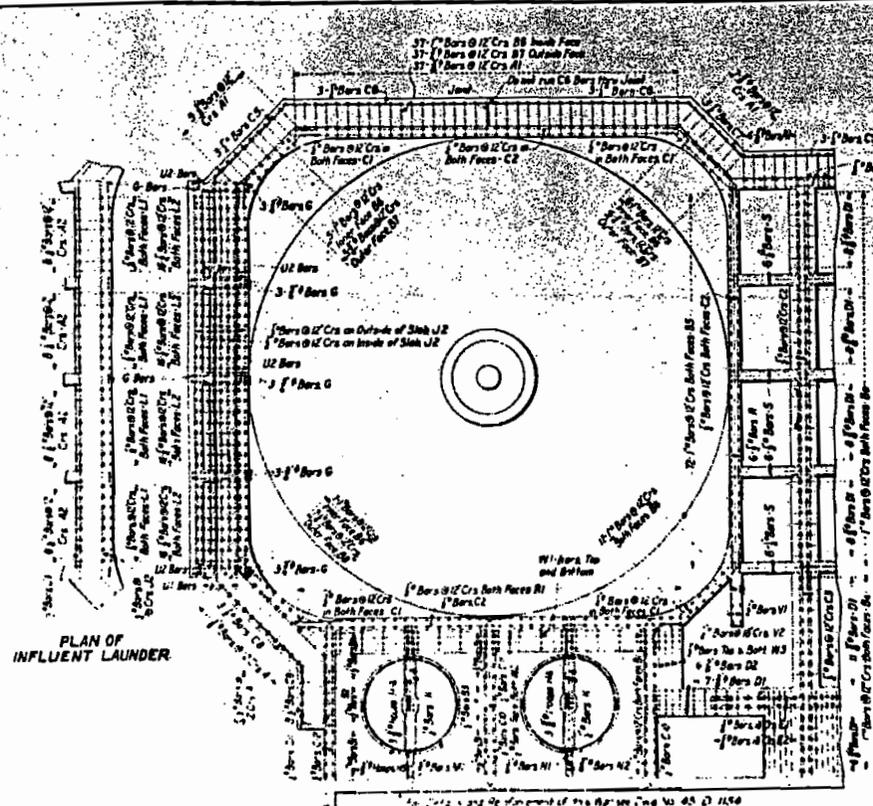
DRAWN L.S.D. SUBMITTED *[Signature]*
 CHECKED O.C.B. APPROVED *[Signature]*
 CHECKED P.O. APPROVED *[Signature]*

APPROVED FOR THE CITY OF BOULDER
 45-D-1271



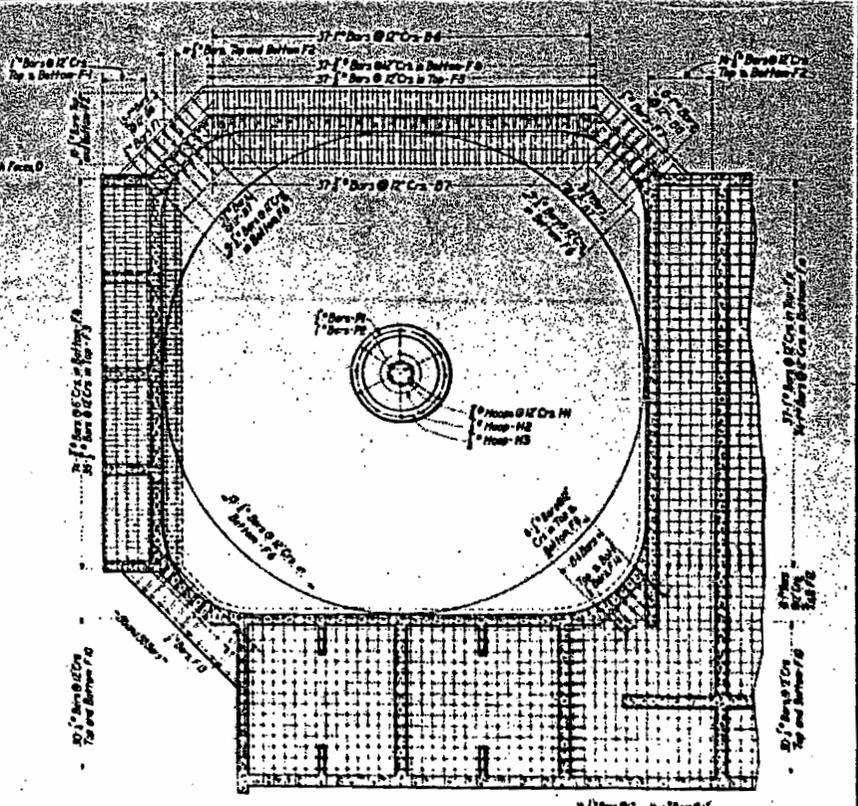
5

45-D-111



PLAN OF INFLUENT LAUNDER

PLAN OF REINFORCEMENT IN Y'ALLS

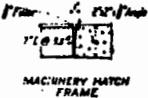
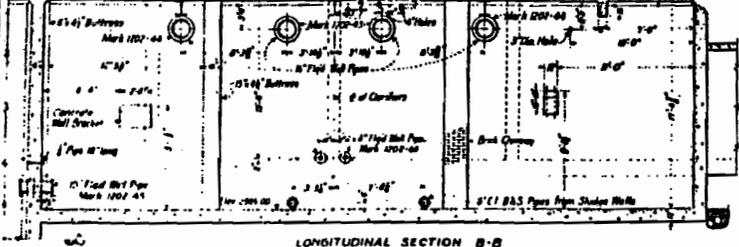
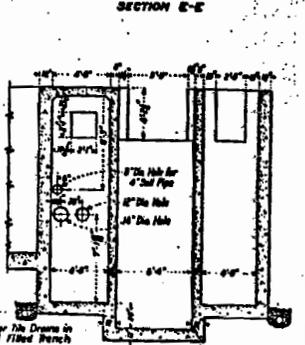
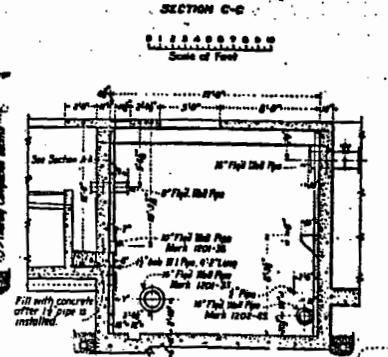
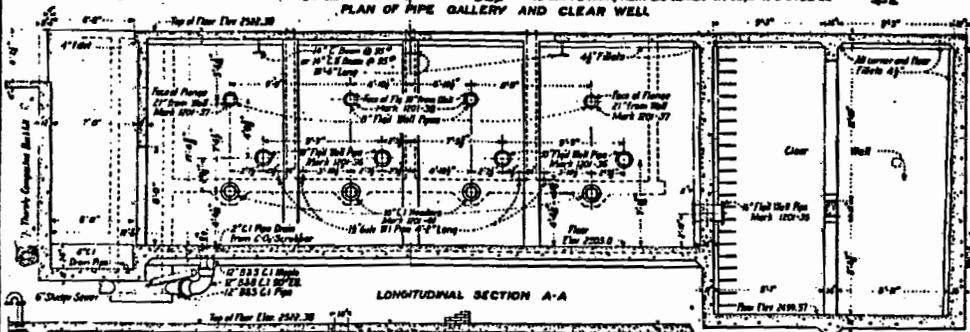
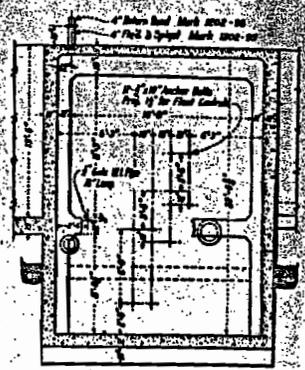
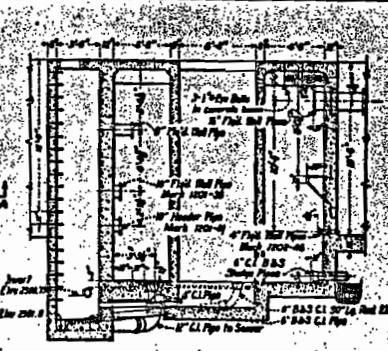
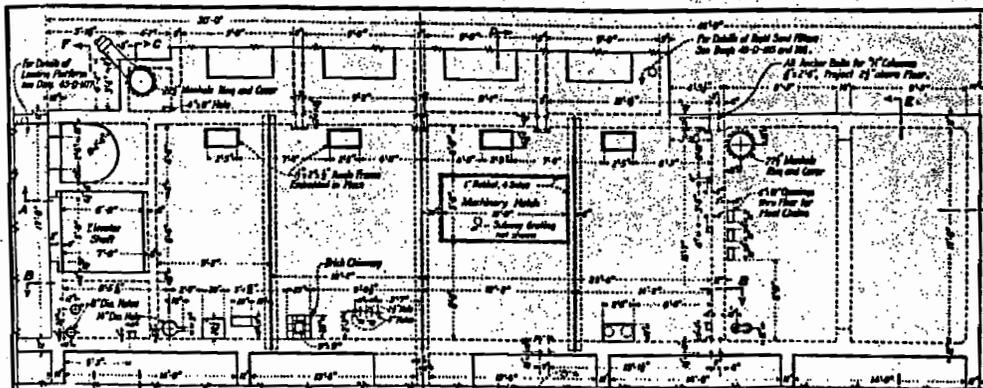


PLAN OF REINFORCEMENT IN FOOTING

REFERENCE DRAWINGS
 42 0-1110-111 1127-1128-1129-1130-1131-1132

DEPARTMENT OF THE CITY ENGINEER BOULDER CANYON PROJECT BOULDER CITY WATER SUPPLY TREATING AND FILTRATION PLANT CLARIFIERS, MIXING TANKS & CARBONATION CHAMBERS REINFORCEMENT PLAN	
DRAWING NO. 42 0-1110-111 1127-1128-1129-1130-1131-1132 SHEET NO. 32 P	DATE: 11/1/54 DRAWN BY: [Signature] CHECKED BY: [Signature] APPROVED: [Signature]
PROJECT NO. 42 0-1110-111 1127-1128-1129-1130-1131-1132 SHEET NO. 32 P	DATE: 11/1/54 DRAWN BY: [Signature] CHECKED BY: [Signature] APPROVED: [Signature]

for Reinforcing Schedule See Drawing No. 42 0-1110-111 1127-1128-1129-1130-1131-1132



NOTES

For General Layout of Treatment and Filtration Plant, see Drawg 45-D-20
 For Developmental Details of Pipe Gallery and Clear Well see Drawg 45-D-20
 12\"/>

1. All steel pipe to be galvanized.

2. All steel pipe to be painted with two coats of red lead primer and two coats of black paint.

3. All steel pipe to be painted with two coats of black paint.

4. All steel pipe to be painted with two coats of black paint.

5. All steel pipe to be painted with two coats of black paint.

6. All steel pipe to be painted with two coats of black paint.

7. All steel pipe to be painted with two coats of black paint.

8. All steel pipe to be painted with two coats of black paint.

9. All steel pipe to be painted with two coats of black paint.

10. All steel pipe to be painted with two coats of black paint.

REFERENCE DRAWINGS

45-D-20, 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.

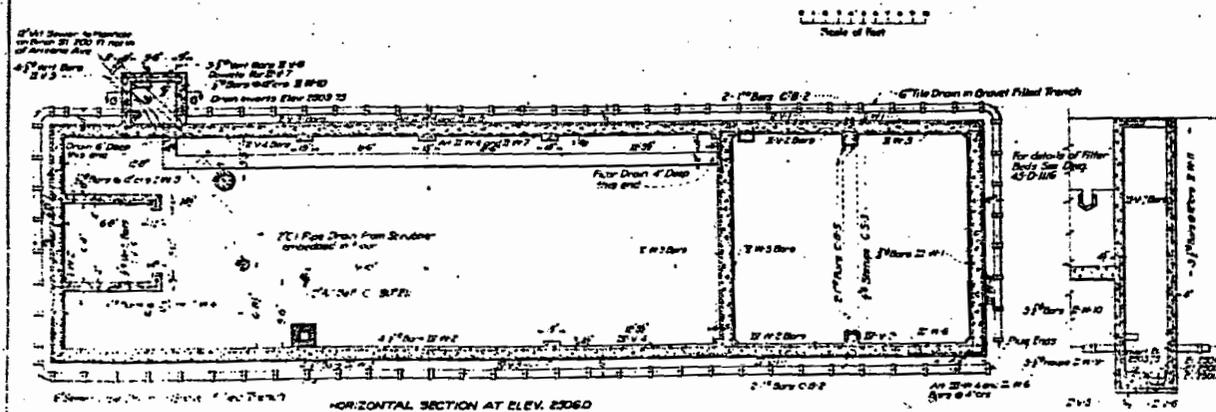
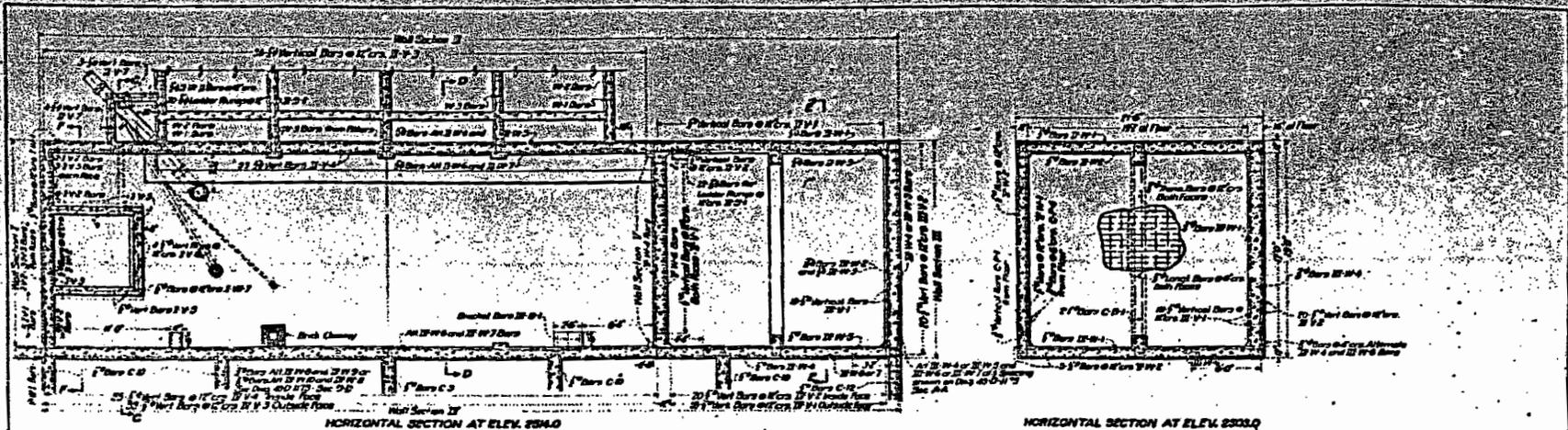
SOULDER CITY WATER SUPPLY TREATING AND FILTRATION PLANT PIPE GALLERY AND CLEAR WELL PLAN AND SECTIONS

COMPANY: MEC
 DRAWN: R.C.R.
 CHECKED: R.A.N.

APPROVED: [Signature]
 APPROVED: [Signature]

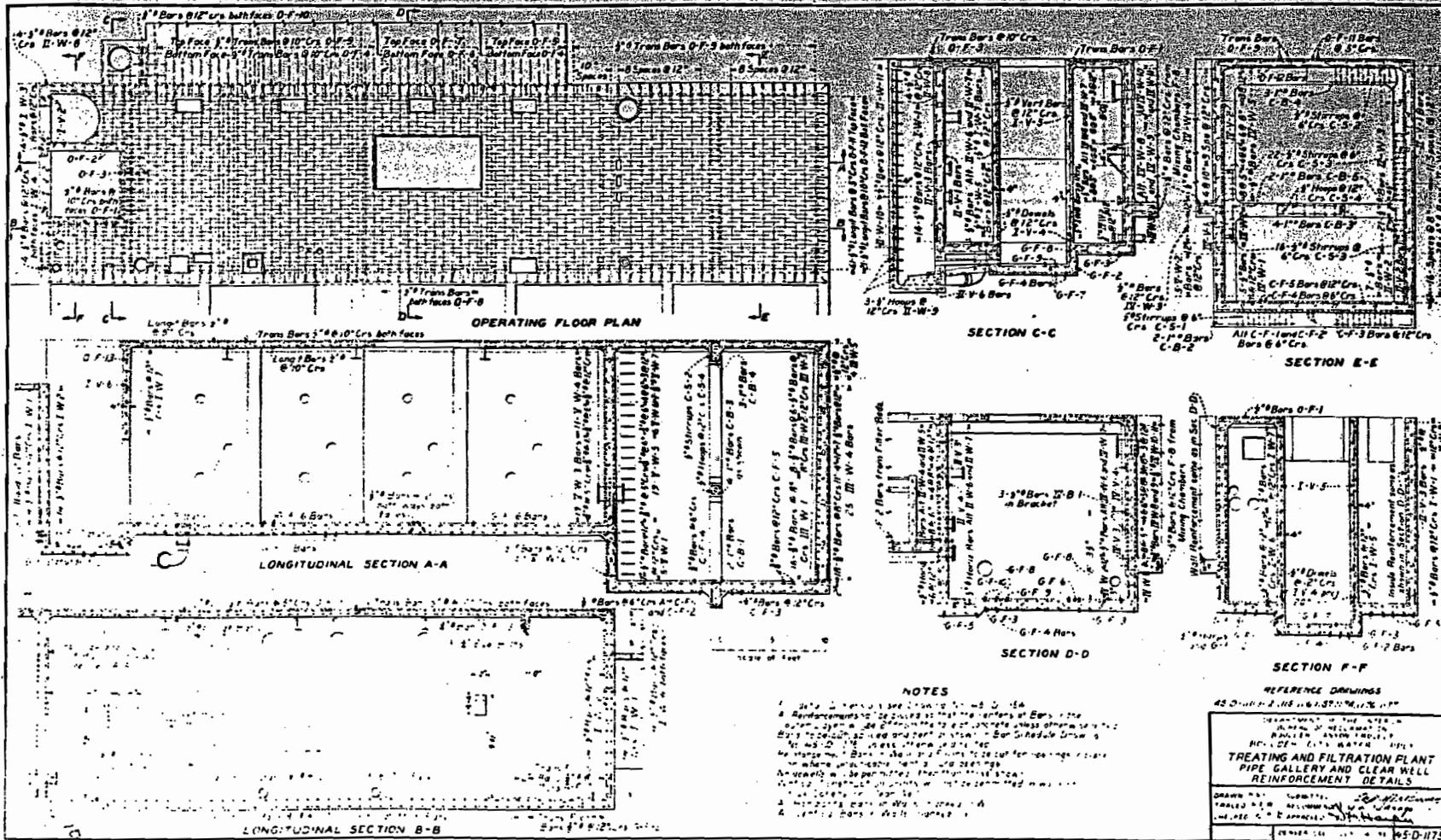
DATE: JULY 1931

45-D-1154



NOTE
 For Detail Dimensions see Divg 45-D-154
 All reinforcement shall be placed so that the centers of Bars in the outer Layer will be 1" from the face of the Concrete UNLESS OTHERWISE NOTED.
 Hooks indicate ends of Bars only
 Bars to be cut spliced and bent as shown in Bar Schedule, Divg 45-D-176 UNLESS OTHERWISE DIRECTED
 No Dowels will be permitted other than those shown.
 Sewer Tie Drains with unnumbered joints to be constructed as shown, laid on an ascending grade of 0.03 from Invert Elev. 2303.75 at Manhole.
 All horizontal Bars in Walls marked -H-
 All vertical Bars in Walls marked -V-

REFERENCE DRAWINGS
 45-D-111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130
 45-D-117, 120, 122, 123, 128, 129
 REINFORCEMENT OF THE STRUCTURE
 IN VIEW OF RECLAMATION
 BOLADER CANYON PROJECT
 BOLADER CITY WATER SUPPLY
**TREATING AND FILTRATION PLANT
 PIPE GALLERY AND CLEAR WELL
 REINFORCEMENT DETAILS**
 DRAWN HGC SUBMITTED BY HGC
 CHECKED EMD APPROVED BY HGC
 DATE 45-D-117
 DENVER, COLORADO JULY 4, 1954 45-D-117A



OPERATING FLOOR PLAN

LONGITUDINAL SECTION A-A

LONGITUDINAL SECTION B-B

SECTION C-C

SECTION E-E

SECTION D-D

SECTION F-F

NOTES

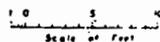
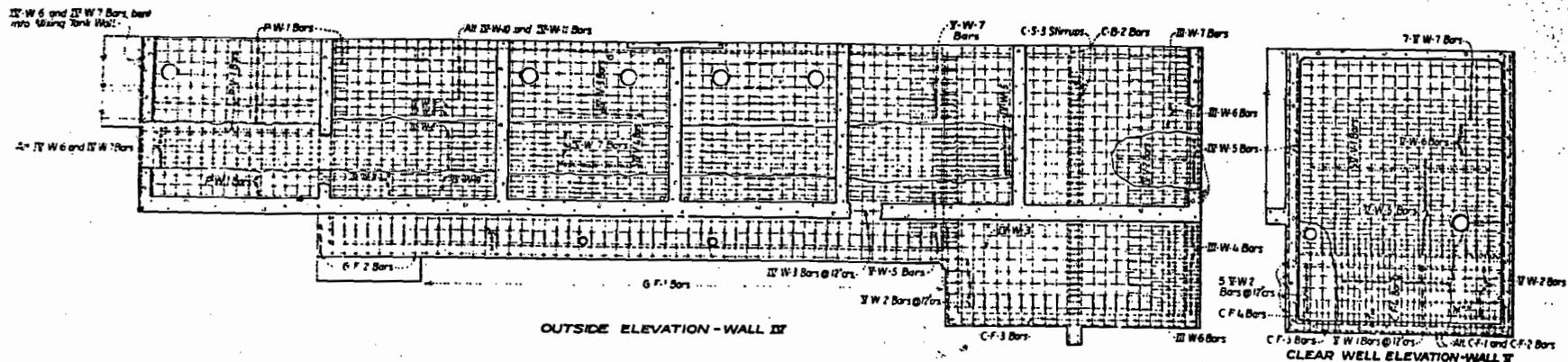
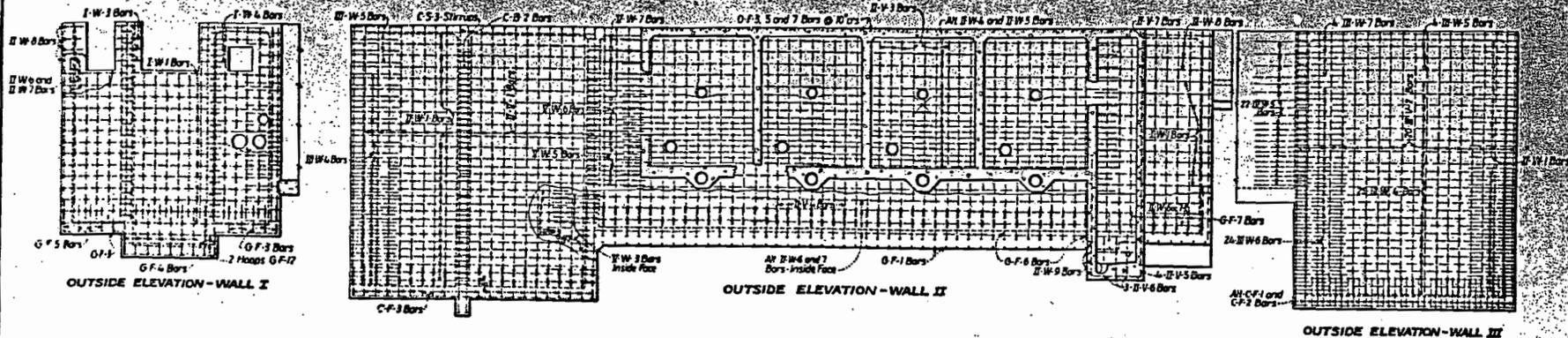
1. Refer to drawing 45-D-100-1 for details of bars in the concrete floor.
2. Reinforcement to be placed at all the corners of bars in the concrete floor.
3. Bars to be placed in the concrete floor in accordance with the schedule drawing 45-D-100-1.
4. Bars to be placed in the concrete floor in accordance with the schedule drawing 45-D-100-1.
5. Bars to be placed in the concrete floor in accordance with the schedule drawing 45-D-100-1.
6. Bars to be placed in the concrete floor in accordance with the schedule drawing 45-D-100-1.
7. Bars to be placed in the concrete floor in accordance with the schedule drawing 45-D-100-1.
8. Bars to be placed in the concrete floor in accordance with the schedule drawing 45-D-100-1.
9. Bars to be placed in the concrete floor in accordance with the schedule drawing 45-D-100-1.
10. Bars to be placed in the concrete floor in accordance with the schedule drawing 45-D-100-1.

REFERENCE DRAWINGS

45-D-100-1	REINFORCEMENT	45-D-100-1
45-D-100-2	REINFORCEMENT	45-D-100-2
45-D-100-3	REINFORCEMENT	45-D-100-3
45-D-100-4	REINFORCEMENT	45-D-100-4
45-D-100-5	REINFORCEMENT	45-D-100-5
45-D-100-6	REINFORCEMENT	45-D-100-6
45-D-100-7	REINFORCEMENT	45-D-100-7
45-D-100-8	REINFORCEMENT	45-D-100-8
45-D-100-9	REINFORCEMENT	45-D-100-9
45-D-100-10	REINFORCEMENT	45-D-100-10

**TREATING AND FILTRATION PLANT
PIPE GALLERY AND CLEAR WELL
REINFORCEMENT DETAILS**

DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: 1955-11-25



NOTES

For Detail Dimensions see Draw 45-D-1156. For Size and Spacing of Reinforcement Bars, see Draw 45-D-1157 and 1171. For Bar Schedule, see Draw 45-D-1176.

All Reinforcement shall be placed so that the centers of the Bars in the outer layer will be 2" from the Face of the Concrete, unless otherwise noted.

Reinforcement Bars in Walls and Floors to be cut for Openings in place, or where practicable, bent around the Opening.

All Horizontal Bars in Walls marked -"W"-.

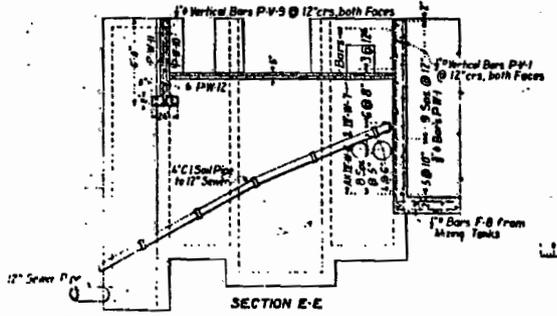
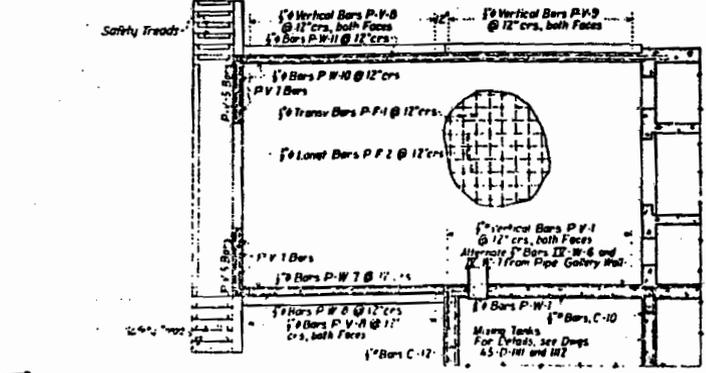
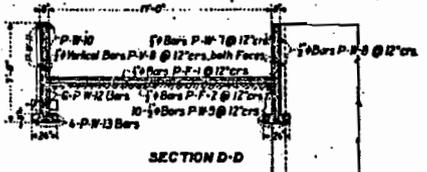
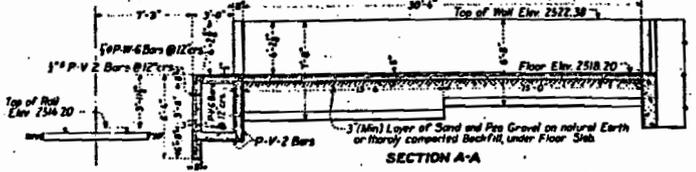
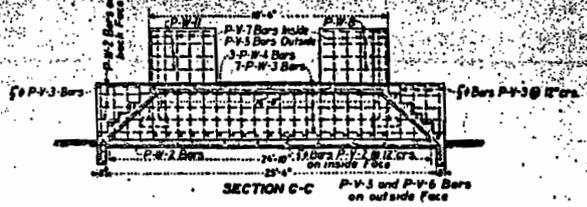
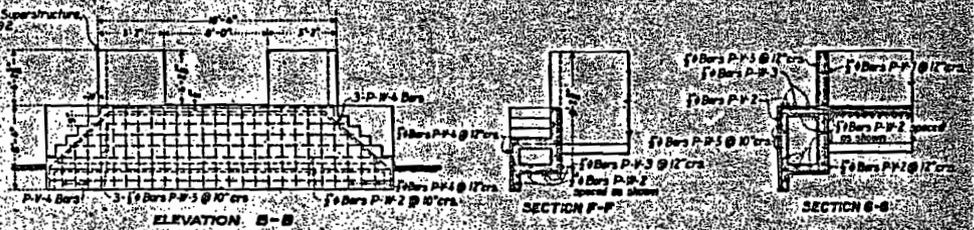
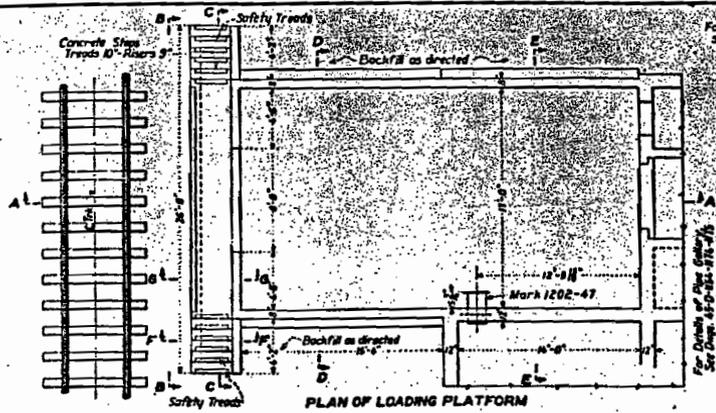
All Vertical Bars in Walls marked -"V"-.

Reinforcement Bars from adjoining Systems not shown.

REFERENCE DRAWINGS

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
BOULDER CANAL DIVISION
BOULDER CITY WATER SYSTEM
**TREATING AND FILTRATION PLANT
PIPE GALLERY AND CLEAR WELL
REINFORCEMENT DETAILS - WALL ELEVATIONS**

DRAWN P.R.S. CHECKED S.A.R. SUBMITTED BY J. G. CHAMBERLAIN APPROVED BY R. C. STANGE



NOTES

For General Layout of Trough and Filtration Plant, see Dwg 45-D-1186.
For Reinforcement Bar Schedule, see Dwg 45-D-1185.
Wall Pipe to be set accurately at location shown and normal to face of Wall before Concrete is poured. Contractor may assemble piping before pouring Concrete, but location and alignment may be modified.

All Reinforcement shall be placed so that the centers of Bars in the outer Layer will be 2" from the Face of the Concrete, unless otherwise noted.

All Horizontal Bars in Walls marked P-W.

All Vertical Bars in Walls marked P-V.

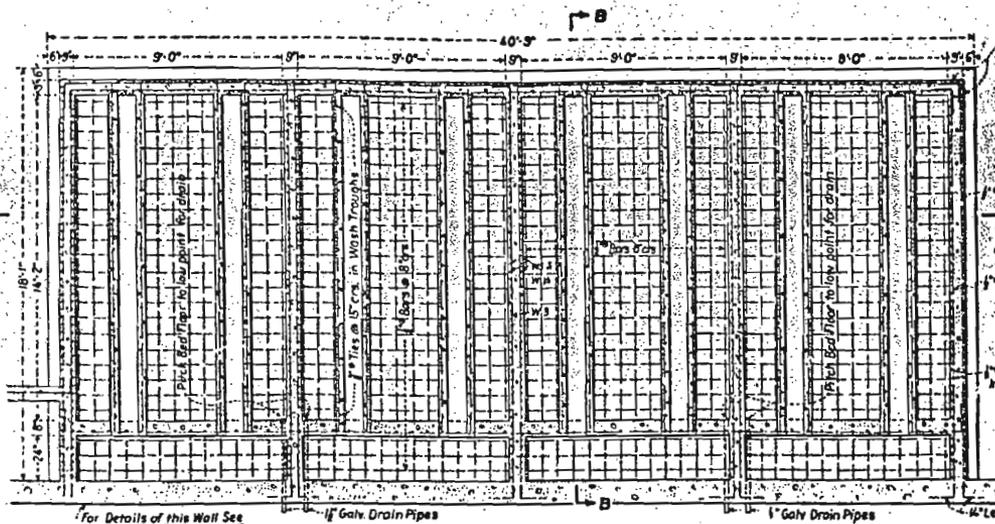
Reinforcement Bars in Manly Tank Wall to be cut for Pipe Coming in place, or where practicable, bent around Opening.

REFERENCE DRAWINGS
45-D-111, 112, 117, 118, 119, 120, 121, 122

DEPARTMENT OF THE STREETS BUREAU OF RECLAMATION BOULDER CANYON PROJECT BOULDER CITY WATER SUPPLY TREATING AND FILTRATION PLANT LOADING PLATFORM	
DRAWN HGC TRACED TRC CHECKED G.A.B.	SUBMITTED BY [Signature] REVIEWED BY [Signature] APPROVED [Signature]
CLAYTON, CALIF., JULY 1938	45-D-1177

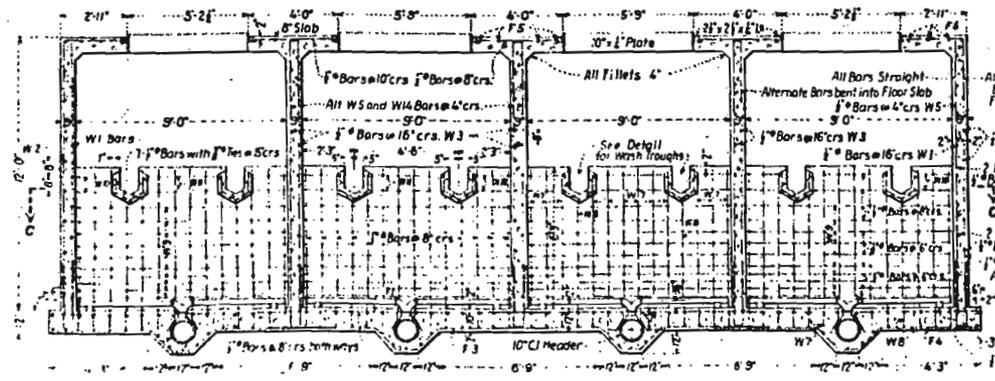
12

ITEM	BAR NO.	LOCATION	DWG. NO.	NO. OF PIES	SIZE	LENGTH	SHAPE & DIMENSIONS		
C-1	1	Clear Well Floor Bar	17	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-2	2	"	18	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-3	3	"	19	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-4	4	"	20	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-5	5	"	21	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-6	6	"	22	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-7	7	"	23	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-8	8	"	24	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-9	9	"	25	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-10	10	"	26	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-11	11	"	27	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-12	12	"	28	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-13	13	"	29	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-14	14	"	30	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-15	15	"	31	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-16	16	"	32	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-17	17	"	33	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-18	18	"	34	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-19	19	"	35	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-20	20	"	36	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-21	21	"	37	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-22	22	"	38	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-23	23	"	39	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-24	24	"	40	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-25	25	"	41	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-26	26	"	42	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-27	27	"	43	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-28	28	"	44	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-29	29	"	45	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-30	30	"	46	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-31	31	"	47	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-32	32	"	48	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-33	33	"	49	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-34	34	"	50	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-35	35	"	51	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-36	36	"	52	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-37	37	"	53	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-38	38	"	54	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-39	39	"	55	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-40	40	"	56	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-41	41	"	57	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-42	42	"	58	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-43	43	"	59	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-44	44	"	60	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-45	45	"	61	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-46	46	"	62	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-47	47	"	63	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-48	48	"	64	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-49	49	"	65	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-50	50	"	66	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-51	51	"	67	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-52	52	"	68	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-53	53	"	69	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-54	54	"	70	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-55	55	"	71	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-56	56	"	72	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-57	57	"	73	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-58	58	"	74	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-59	59	"	75	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-60	60	"	76	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-61	61	"	77	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-62	62	"	78	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-63	63	"	79	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-64	64	"	80	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-65	65	"	81	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-66	66	"	82	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-67	67	"	83	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-68	68	"	84	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-69	69	"	85	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-70	70	"	86	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-71	71	"	87	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-72	72	"	88	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-73	73	"	89	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-74	74	"	90	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-75	75	"	91	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-76	76	"	92	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-77	77	"	93	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-78	78	"	94	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-79	79	"	95	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-80	80	"	96	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-81	81	"	97	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-82	82	"	98	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-83	83	"	99	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-84	84	"	100	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-85	85	"	101	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-86	86	"	102	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-87	87	"	103	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-88	88	"	104	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-89	89	"	105	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-90	90	"	106	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-91	91	"	107	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-92	92	"	108	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-93	93	"	109	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-94	94	"	110	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-95	95	"	111	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-96	96	"	112	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-97	97	"	113	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-98	98	"	114	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-99	99	"	115	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-100	100	"	116	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-101	101	"	117	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-102	102	"	118	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-103	103	"	119	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-104	104	"	120	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-105	105	"	121	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-106	106	"	122	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-107	107	"	123	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-108	108	"	124	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-109	109	"	125	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-110	110	"	126	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-111	111	"	127	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-112	112	"	128	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-113	113	"	129	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-114	114	"	130	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-115	115	"	131	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-116	116	"	132	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-117	117	"	133	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-118	118	"	134	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-119	119	"	135	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-120	120	"	136	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-121	121	"	137	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-122	122	"	138	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-123	123	"	139	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-124	124	"	140	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-125	125	"	141	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-126	126	"	142	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-127	127	"	143	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-128	128	"	144	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-129	129	"	145	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-130	130	"	146	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-131	131	"	147	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-132	132	"	148	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-133	133	"	149	8	3/4"	21'-0"	A-21"	B-21"	C-21"
C-134	134	"	150	8	3/4"				



For Details of this Wall See
Dwgs. 43-D-115, 117, 117A, 117S

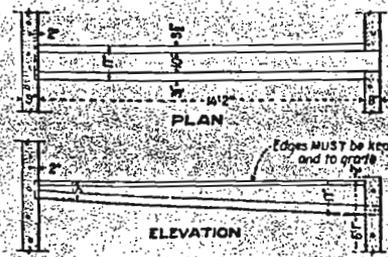
PLAN AT SECTION 'C-C'



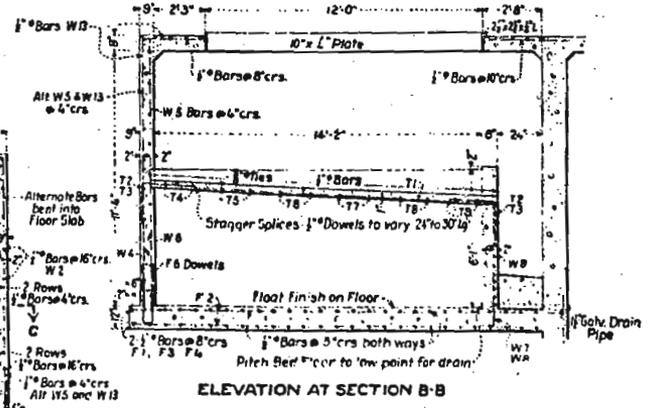
10" Header to be 1/2" in C or to be supported
as directed by field engineer while floor is being poured.

Support Steel in Floor Slab
as directed by field Engineer

ELEVATION AT SECTION A-A



DETAILS OF WASH TROUGHS

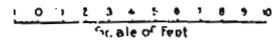


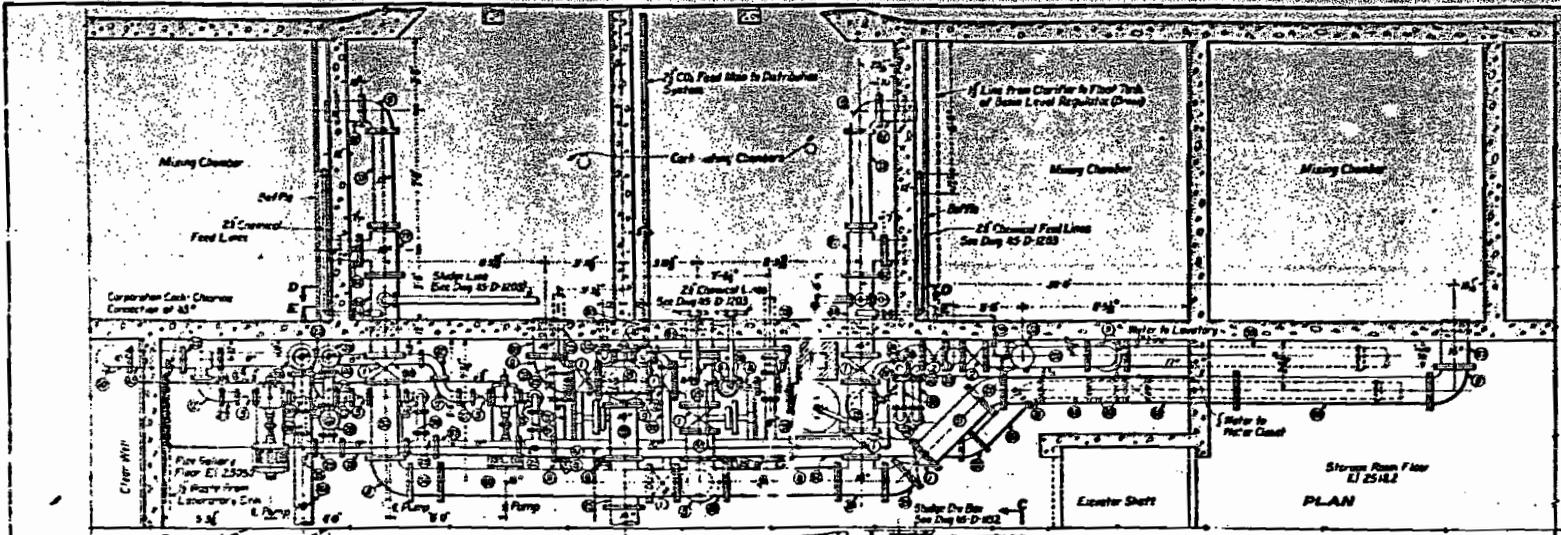
ELEVATION AT SECTION B-B

REFERENCE DRAWINGS
43-D-115 43-D-117 43-D-117A 43-D-117S
43-D-1179 117A 117S 117T 1201 1203 1207 1208

Rev. 5-3-31	DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION BOULDER CANYON PROJECT
	BOULDER CITY WATER SYSTEM RAPID SAND FILTER
	FOUNDATION AND SECTIONS - REINFORCING DETAILS
	DRAWN R.W.B. SUBMITTED 7/20/31 TRACED R.M.F. L.F. RECOMMENDED 11/19/31 CHECKED N.L.B. H.C. APPROVED [Signature]
DENVER, COLO. FEB. 7, 1931	

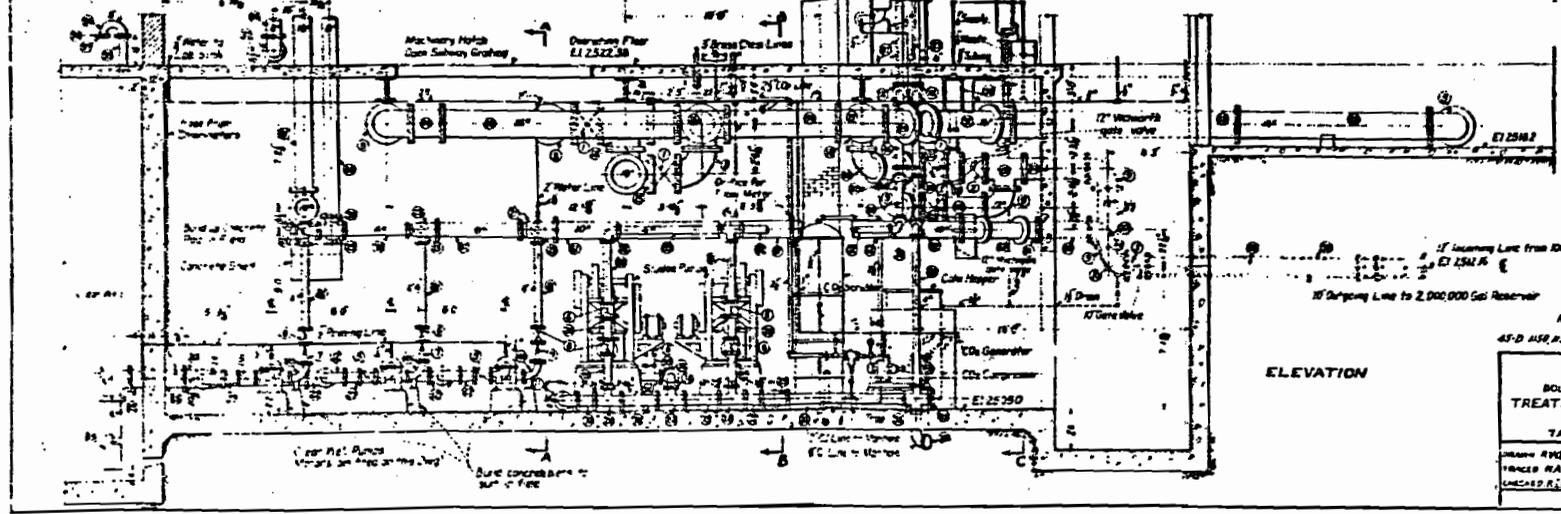
43-D-1116





PLAN

NOTE:
 Water Line
 Sewer Line
 Chemical Line



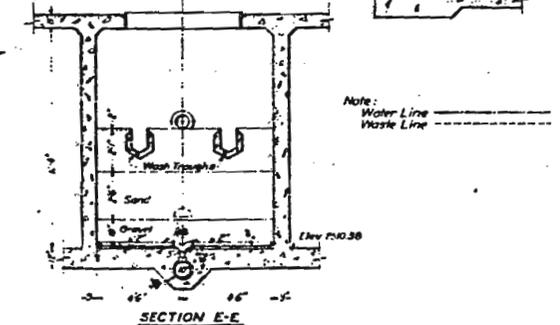
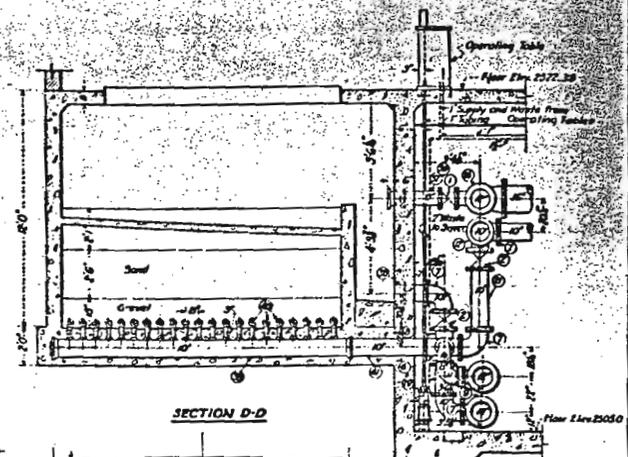
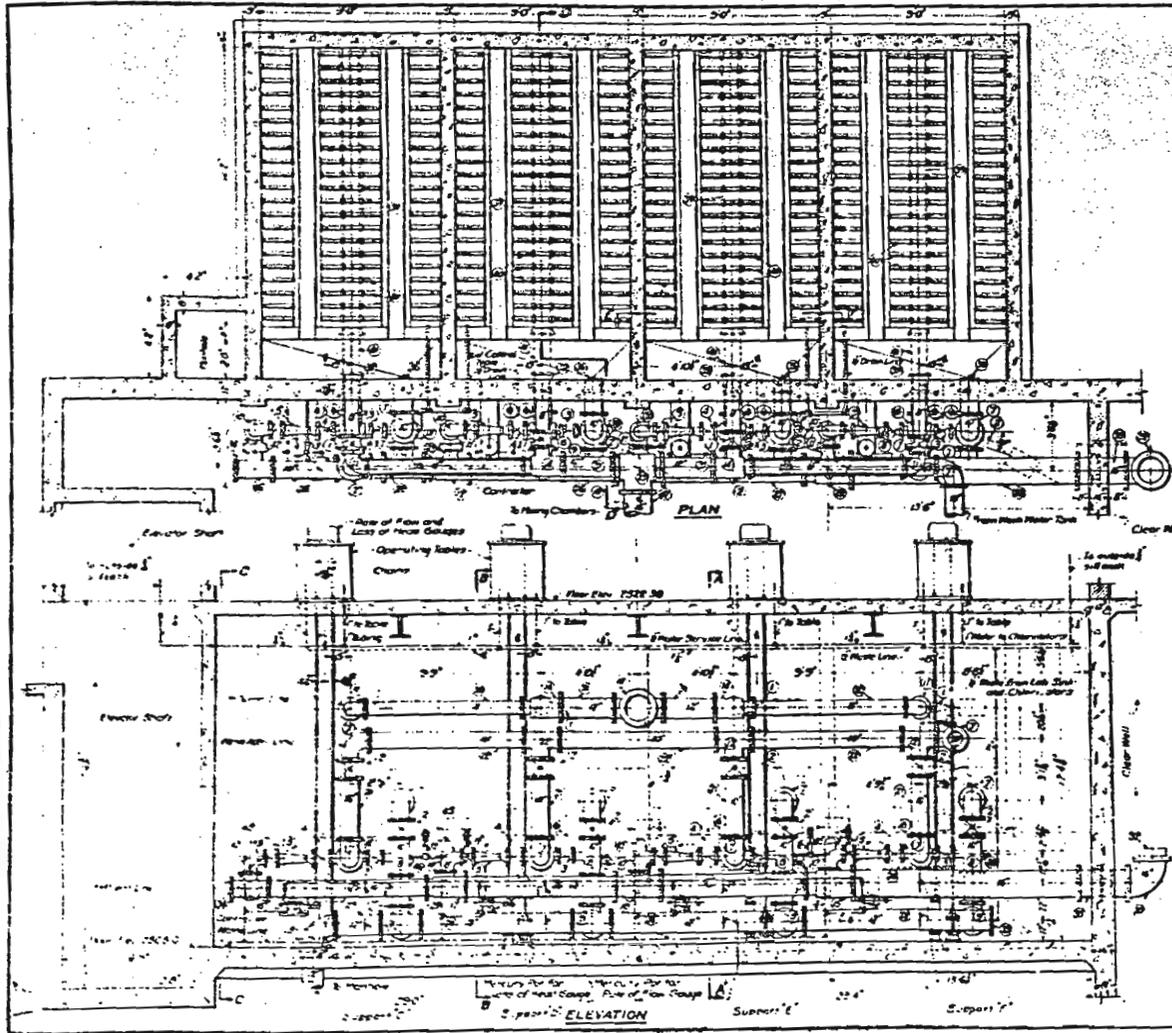
ELEVATION

REFERENCE DRAWINGS:
 45-D-1201, 1202, 1203, 1204, 1205, 1206, 1207
 For and Filling Schedule 4205

REFERENCE DRAWINGS:
 45-D-1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200

DEPARTMENT OF THE SUPERIOR
 BUREAU OF SANITARY ENGINEERING
 BOULDER CITY WATER SUPPLY
 TREATING AND FILTRATION PLANT
 PIPING DETAILS
 TANK SIDE OF PIPE GALLERY

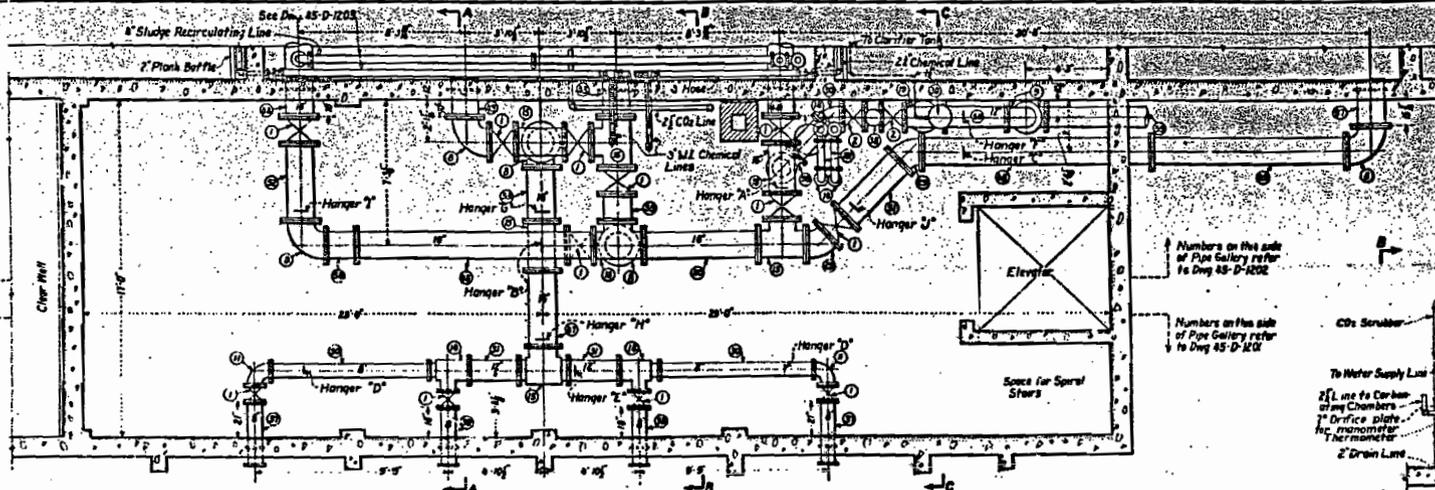
DRAWN BY: RVD:KTD
 CHECKED BY: RVD:KTD
 APPROVED BY: RVD:KTD
 DATE: 12/15/45
 SHEET NO. 45-D-1202



REFERENCE DRAWINGS
 45-D-1202, 1203, 1204, 1206, 1207
 Pipe and Fitting Schedule - 45-D-1205
 45-D-1150, 1151, 1157

1 0 1 2 3 4
 Scale

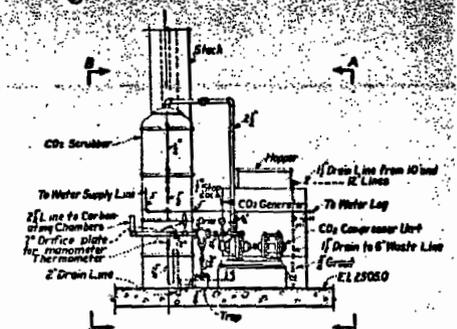
APPROPRIATE TO THE INTERIOR
 BUREAU OF RECLAMATION
 ARIZONA CANYON PROJECT
 BOULDER CITY WATER SUPPLY
 TREATING AND FILTRATION PLANT
 PIPING DETAILS
 FILTER SIDE OF PIPE GALLERY
 DRAWING NO. 45-D-1208
 DESIGNED BY J. H. B. CHECKED BY J. H. B. APPROVED BY J. H. B.
 DATE 10/10/1917
 DENVER, COLORADO AIR UNIT 45-D-1201



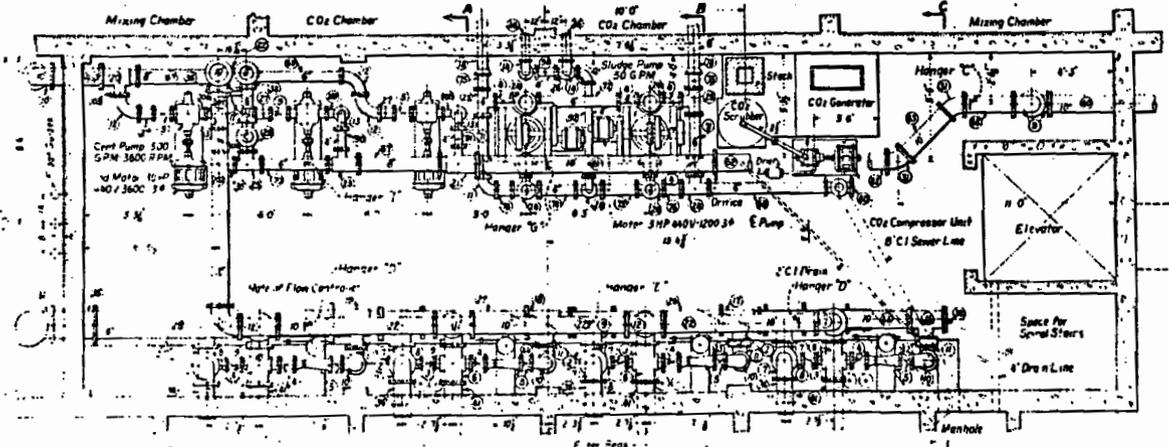
PIPING PLAN ABOVE ELEVATION 2315.5

Numbers on the side of Pipe Gallery refer to Dwg 45-D-1202

Numbers on this side of Pipe Gallery refer to Dwg 45-D-1201



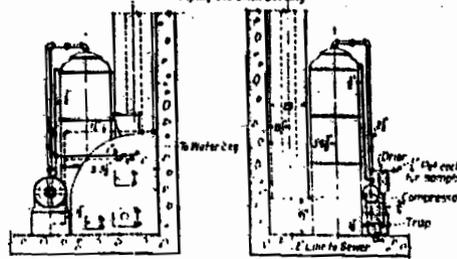
DETAILS OF PIPING ON CO2 GENERATOR
See I.F. Co Drawings for Details of Piping and Brick Setting



PIPING PLAN BELOW ELEVATION 2315.5

Numbers on this side of Pipe Gallery refer to Dwg 45-D-1202

Numbers on this side of Pipe Gallery refer to Dwg 45-D-1201

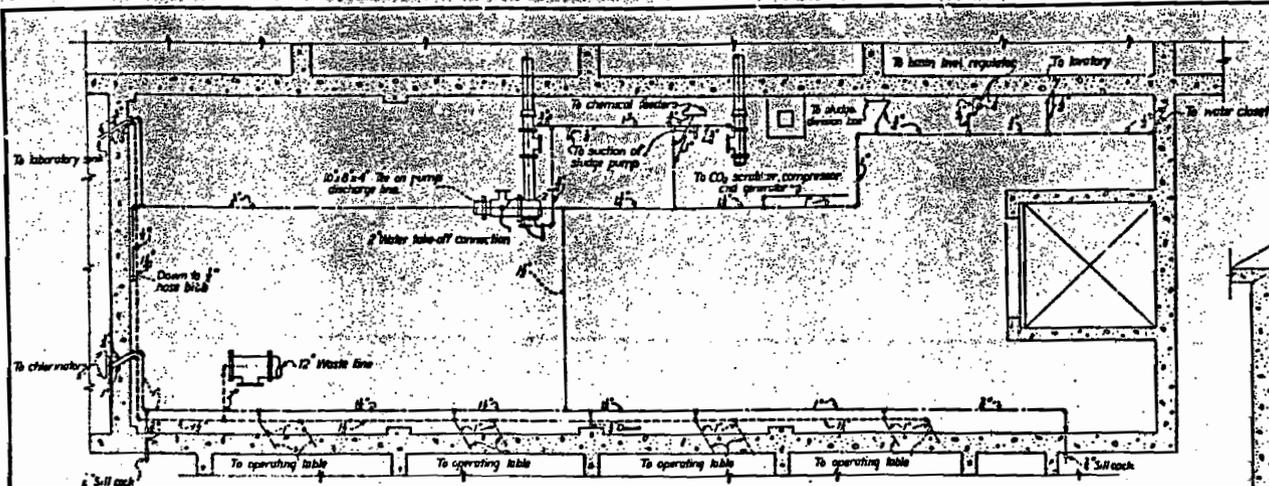


ELEVATION-A-A

ELEVATION-B-B

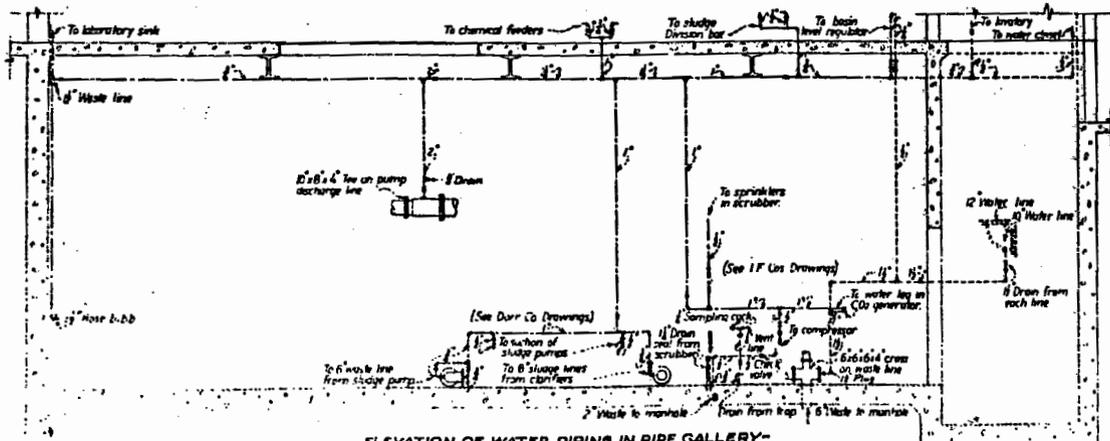
REFERENCE DRAWINGS
45-D-1201, 1202, 1203, 1204, 1206
Pipe and Fittings Schedule 45-D-1205
45-D-1206, 1142, 1159, 1208, 1216

IN PART MOST OF THE MATERIAL SUPPLIED BY WELLS-BROOKS NORTON CANYON PROJECT BOULDER CITY WATER SUPPLY TREATING AND FILTRATION PLANT PIPING ARRANGEMENT ABOVE & BELOW EL. 2315.5	
DRAWN BY: RMB CHECKED BY: RMB INCHES: 1/8" = 1'-0"	DATE: 11/15/50 PROJECT: BOULDER CITY WATER SUPPLY TREATING AND FILTRATION PLANT PIPING ARRANGEMENT ABOVE & BELOW EL. 2315.5

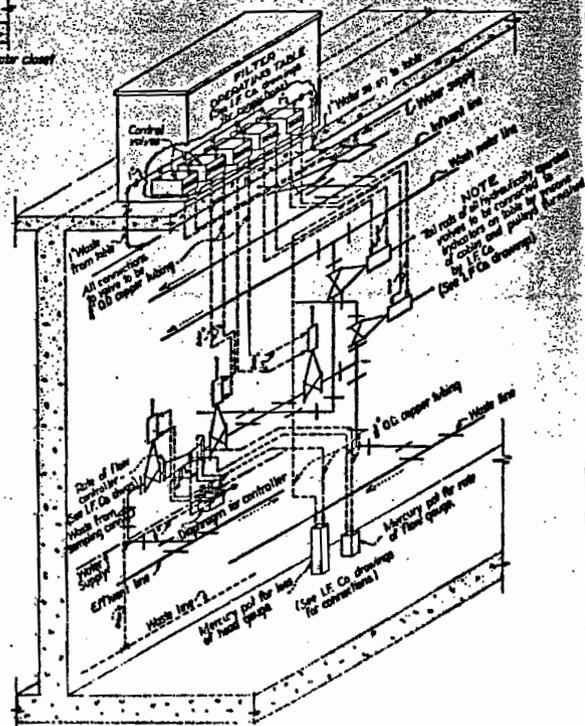


PLAN OF WATER PIPING IN PIPE GALLERY

Scale of feet



ELEVATION OF WATER PIPING IN PIPE GALLERY - TANK SIDE OF GALLERY



SCHEMATIC ARRANGEMENT OF PIPING CONNECTIONS AT EACH FILTER BED

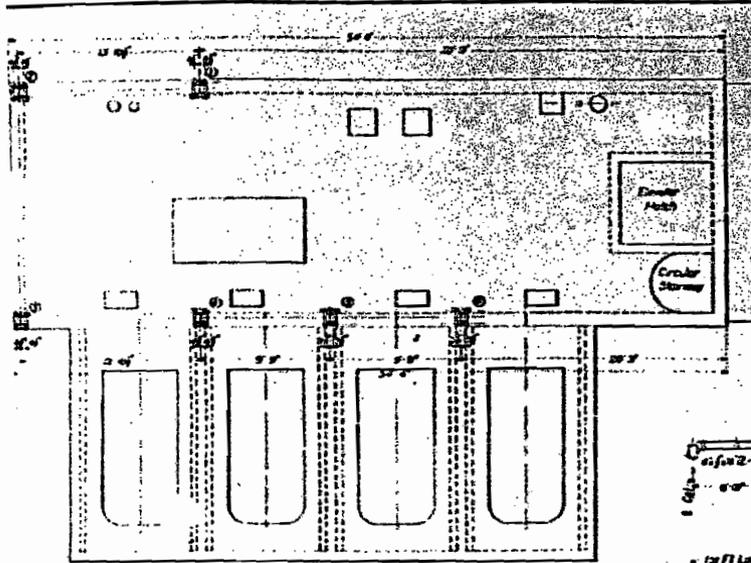
REFERENCE DRAWINGS
45-1201, 1202, 1203, 1204, 1207

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
10141 10TH AVENUE, BOULDER CITY
BOULDER CITY WATER SUPPLY
TREATING AND FILTRATION PLANT
WASTE WATER AND CONTROL PIPING
IN PIPE GALLERY

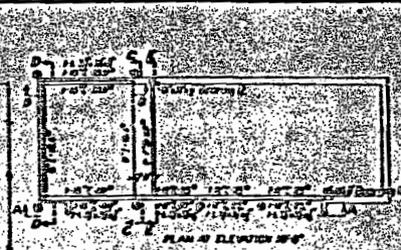
Legend -
--- Water lines
--- Waste lines

DRAWN BY: [illegible] CHECKED BY: [illegible]
DESIGNED BY: [illegible] APPROVED BY: [illegible]
DATE: [illegible]

45-1208

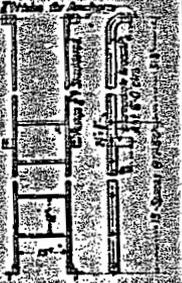


ANCHOR BOLT PLAN



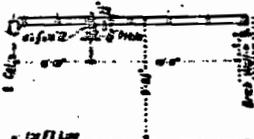
STRUCTURAL STEEL FRAMING PLANS

NOTE: Position of I.P.P. on Tank. Detail the same as Tank shown in the Plans of Water or Sewerage of heavy 12' x 12', designed for same purpose.

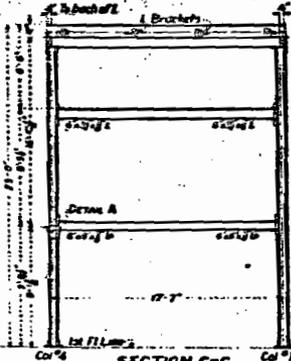


LADDER AND STAIRS

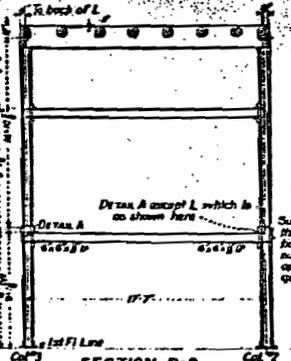
NOTE: All Anchor Bolts (12'-0" long) to project 2' above First Floor Level.



SECTION E-E

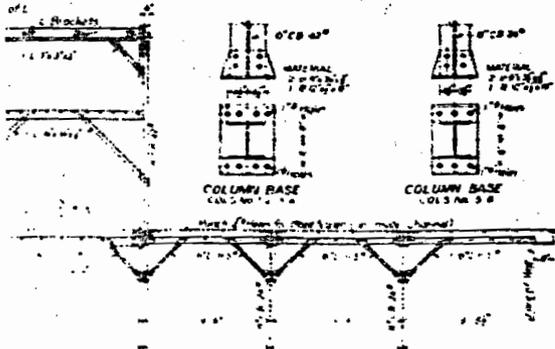


SECTION C-C



SECTION D-D

NOTE: Substitutions in the new C.C. sections provided subject to the approval of the government.

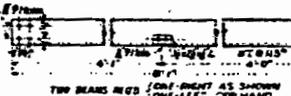


SECTION A-A



SECTION B-B

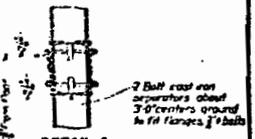
NOTE: 12'-0" long



SHEAVE BEAM SUPPORTS

LOOSE LITELS See Drawing 45 C.134 for additional size

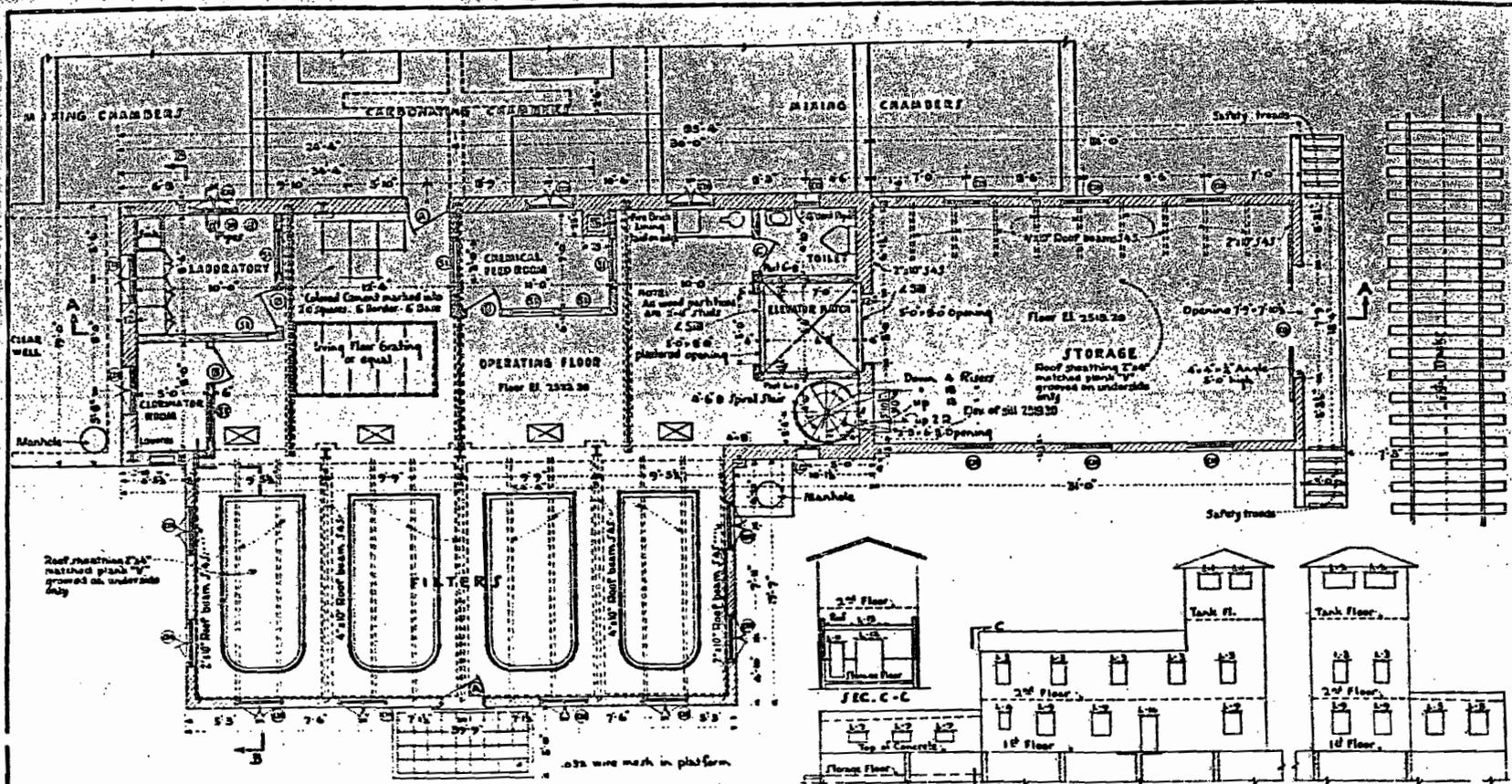
NO.	SIZE	LENGTH
1	12'-0"	5'-0"
2	12'-0"	7'-0"
3	12'-0"	5'-0"
4	12'-0"	7'-0"
5	12'-0"	5'-0"
6	12'-0"	7'-0"
7	12'-0"	5'-0"
8	12'-0"	7'-0"
9	12'-0"	5'-0"
10	12'-0"	7'-0"
11	12'-0"	5'-0"
12	12'-0"	7'-0"
13	12'-0"	5'-0"
14	12'-0"	7'-0"
15	12'-0"	5'-0"
16	12'-0"	7'-0"
17	12'-0"	5'-0"
18	12'-0"	7'-0"
19	12'-0"	5'-0"
20	12'-0"	7'-0"
21	12'-0"	5'-0"
22	12'-0"	7'-0"
23	12'-0"	5'-0"
24	12'-0"	7'-0"
25	12'-0"	5'-0"
26	12'-0"	7'-0"
27	12'-0"	5'-0"
28	12'-0"	7'-0"
29	12'-0"	5'-0"
30	12'-0"	7'-0"
31	12'-0"	5'-0"
32	12'-0"	7'-0"
33	12'-0"	5'-0"
34	12'-0"	7'-0"
35	12'-0"	5'-0"
36	12'-0"	7'-0"
37	12'-0"	5'-0"
38	12'-0"	7'-0"
39	12'-0"	5'-0"
40	12'-0"	7'-0"
41	12'-0"	5'-0"
42	12'-0"	7'-0"
43	12'-0"	5'-0"
44	12'-0"	7'-0"
45	12'-0"	5'-0"
46	12'-0"	7'-0"
47	12'-0"	5'-0"
48	12'-0"	7'-0"
49	12'-0"	5'-0"
50	12'-0"	7'-0"



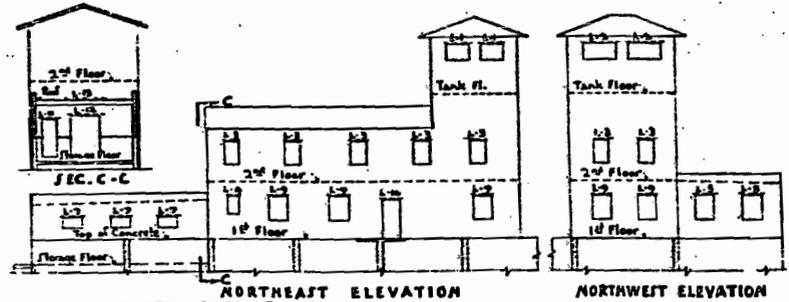
DETAIL A

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
WATER TREATING AND
FILTRATION PLANT
STEEL SUPERSTRUCTURE FRAMING

DESIGNED BY	REB	DATE	12-1-22
CHECKED BY	GFC	DATE	12-1-22
APPROVED BY	G. B. D. K. S.	DATE	12-1-22



FIRST FLOOR PLAN



LINEEL SCHEDULE

LINEEL MARK	NO	SIZE	LENGTH
A-1	2	36" x 36" x 8	8'-0"
A-2	1	36" x 36" x 8	7'-0"
A-3	2	36" x 36" x 8	8'-0"
A-4	3	36" x 24" x 8	2'-4"
A-5	2	36" x 24" x 8	2'-10"
A-6	2	24" x 24" x 8	4'-2"
A-7	2	36" x 24" x 8	8'-10"
A-8	3	5" x 24" x 8	9'-0"
A-9	2	36" x 24" x 8	3'-10"
A-10	2	36" x 24" x 8	4'-2"
A-11	2	36" x 24" x 8	3'-10"
A-12	3	5" x 24" x 8	6'-0"
A-13	1	5" x 31" x 8	7'-4"

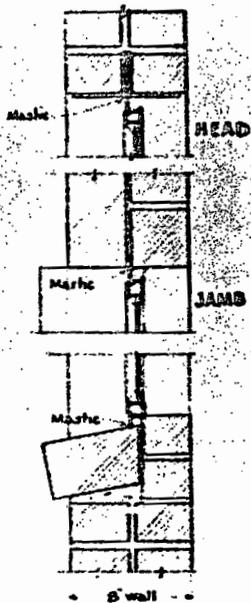
All floors on first floor except storage room shall be colored and marked with 2" x 2" squares. Storage Room Floor to be hardened with metallic hardener.

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
BOULDER CANYON PROJECT
**BOULDER CITY WATER SUPPLY
TREATING AND FILTRATION PLANT
FIRST FLOOR PLAN - LINEEL SCHEDULES**

DRAWN A.J.P. SUBMITTED *W.H. P. ...*
TRACED A.P. RECOMMENDED *W.H. P. ...*
CHECKED H.E.R. J.A.L. APPROVED *A.B. ...*

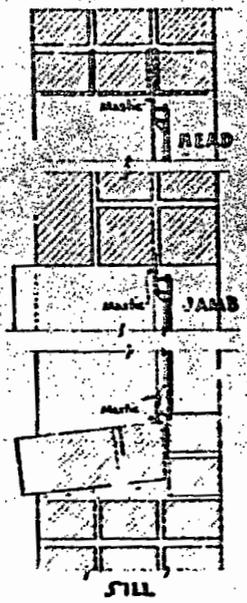
DENVER, 1940, JULY 25 1941 45-D-1188

LINEEL ERECTION DIAGRAMS AND SCHEDULES

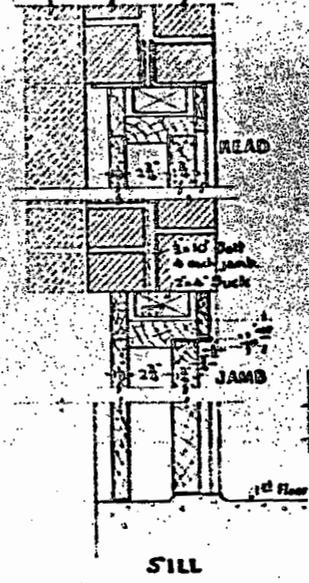


SILL
STEEL SASH
8' Brick Wall

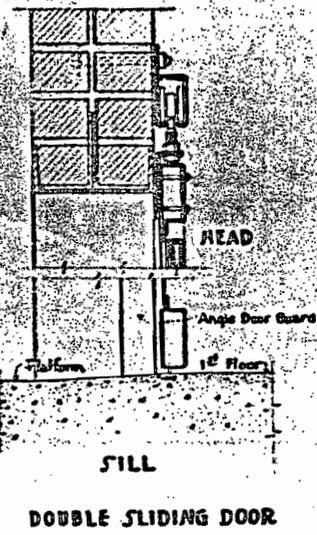
WINDOW DETAILS



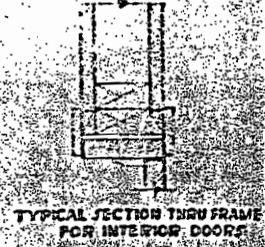
STEEL SASH
12' Brick Wall



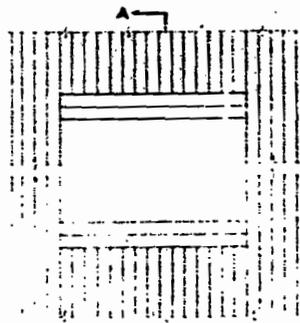
ENTRANCE DOORS
8' and 12' Brick Walls



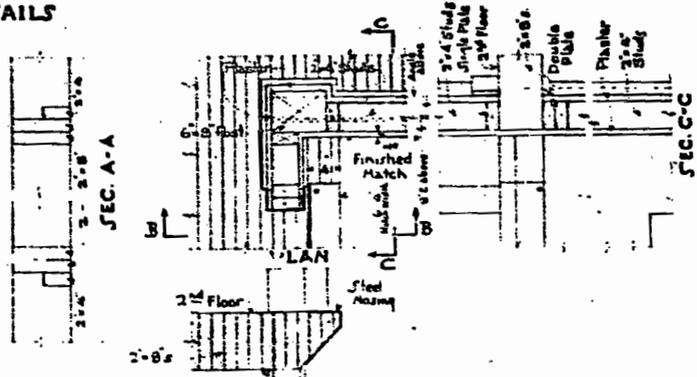
DOUBLE SLIDING DOOR



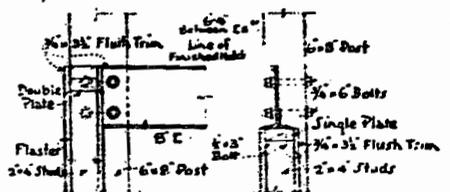
TYPICAL SECTION THRU FRAME FOR INTERIOR DOORS



PLAN
FRAMING OF OPENINGS - 2nd FLOOR



SEC. B-B
ELEVATOR SHAFT FRAMING - 2nd FLOOR

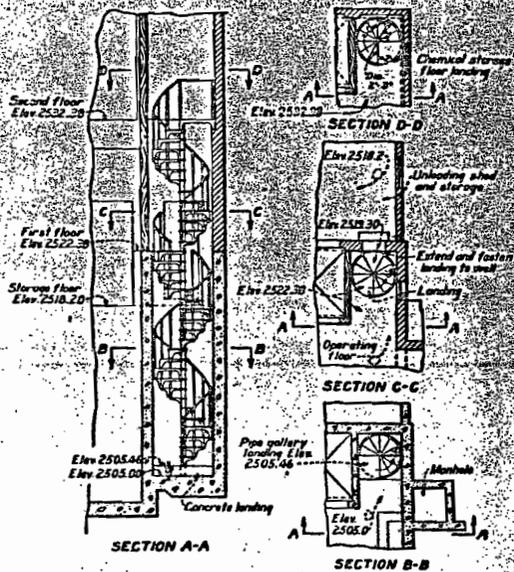
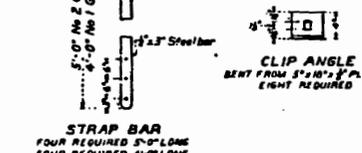
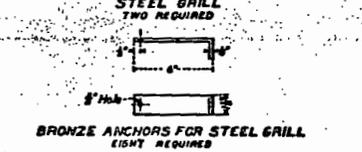
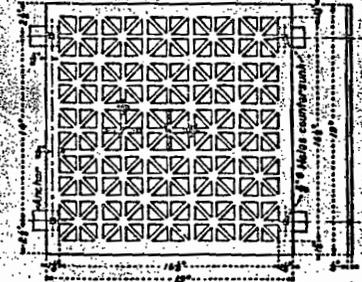
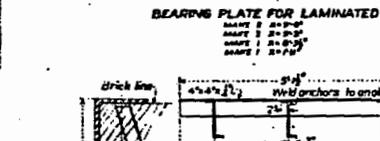
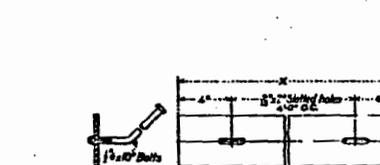
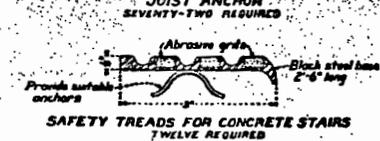
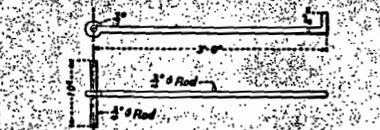
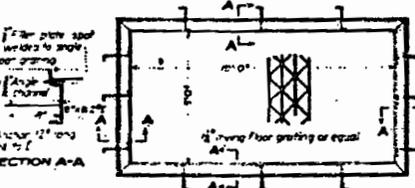
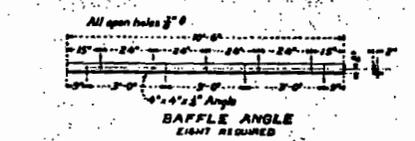
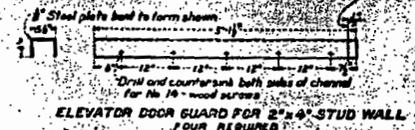
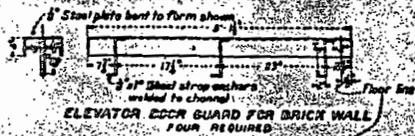


ELEVATOR MACHINE DECK DETAILS

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
BOULDER CANYON PROJECT
BOULDER CITY WATER SUPPLY
TREATING AND FILTRATION PLANT
MISCELLANEOUS BUILDING DETAILS

DRAWN 500 PERMITTED *[Signature]*
TRACED 400 RECOMMENDED *[Signature]*
CHECKED 300 APPROVED *[Signature]*

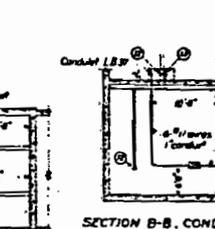
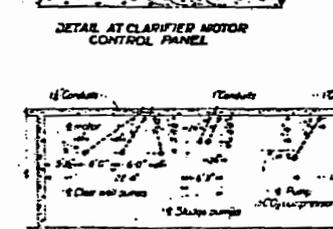
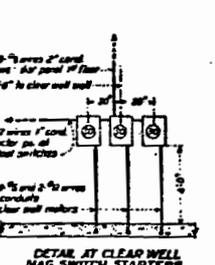
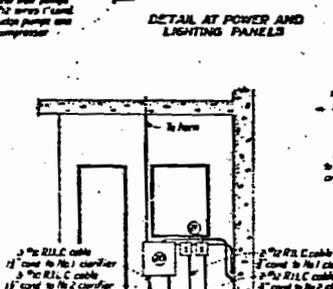
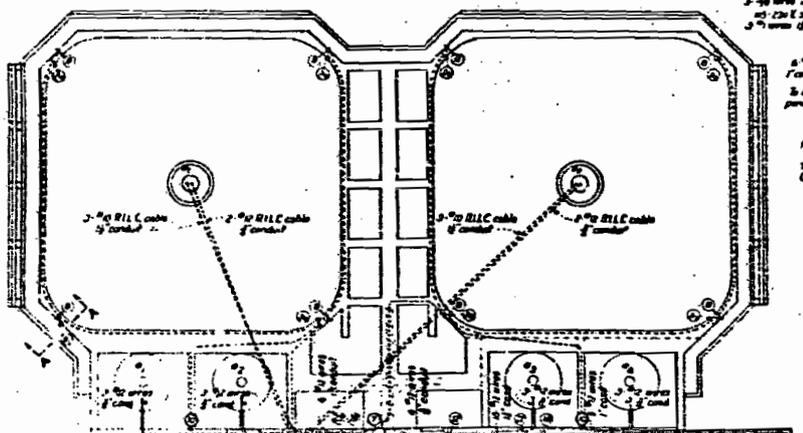
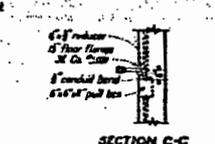
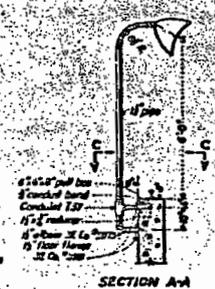
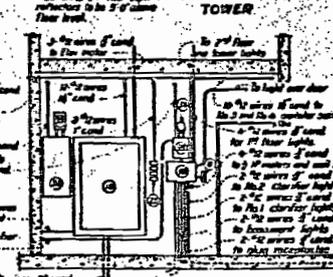
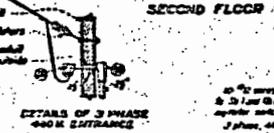
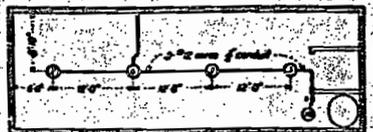
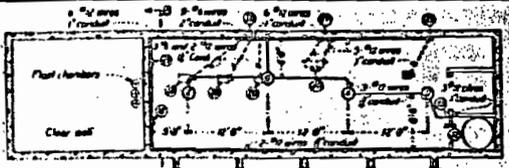
DRAWN, ENG. JULY 23, 1924 45-D-1195



BOLT LIST

ITEM	DESCRIPTION	QUANTITY
1	1/2" Machine bolts with 1 1/2" nut and flat washer	40
2	3/4" Machine bolts with 1 1/2" nut and flat washer	32
3	1/2" Machine bolts with 1 1/2" nut and flat washer	40
4	1/2" Machine bolts with 1 1/2" nut and flat washer	32
5	1/2" Machine bolts with 1 1/2" nut and flat washer	32
6	1/2" Machine bolts with 1 1/2" nut and flat washer	32
7	1/2" Machine bolts with 1 1/2" nut and 2 cut washers complete	10
8	1/2" Machine bolts, flat washer, plate washer, flat nuts complete	64
9	1/2" Machine bolts, flat washer, plate washer, flat nuts complete	6
10	1/2" Machine bolts, flat washer, plate washer, flat nuts complete	40
11	1/2" Machine bolts, flat washer, plate washer, flat nuts complete	40
12	1/2" Machine bolts, flat washer, plate washer, flat nuts complete	40
13	1/2" Machine bolts, flat washer, plate washer, flat nuts complete	8
14	1/2" Machine bolts, flat washer, plate washer, flat nuts complete	8
15	1/2" Eye bolt with 2 1/2" nuts and cut washer	1

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
BOULDER CANYON PROJECT
BOULDER CITY NEVADA
TREATING AND FILTRATION
PLANT
MISCELLANEOUS IRON DETAILS
DRAWN E.E.L. CHECKED J.E.M. QUANTITY 6000
DESIGNED J.E.M. APPROVED J.E.M.
DATE 12-12-16



- REFERENCE DRAWINGS**
- 41-1 1st Floor Structure
 - 41-2 2nd Floor Structure
 - 41-3 3rd Floor Structure
 - 41-4 4th Floor Structure
 - 41-5 5th Floor Structure
 - 41-6 6th Floor Structure
 - 41-7 7th Floor Structure
 - 41-8 8th Floor Structure
 - 41-9 9th Floor Structure
 - 41-10 10th Floor Structure

Section of Figure 1 to be 2' above door
 Section of Figure 2 to be 2' above floor level
 Section of Figure 3 to be 2' above floor level
 Section of Figure 4 to be 2' above floor level
 Section of Figure 5 to be 2' above floor level
 Section of Figure 6 to be 2' above floor level
 Section of Figure 7 to be 2' above floor level
 Section of Figure 8 to be 2' above floor level
 Section of Figure 9 to be 2' above floor level
 Section of Figure 10 to be 2' above floor level

ITEM NO.	DESCRIPTION
1	2" RILC cable to be 2' above floor level
2	3" RILC cable to be 2' above floor level
3	2" RILC cable to be 2' above floor level
4	3" RILC cable to be 2' above floor level
5	2" RILC cable to be 2' above floor level
6	3" RILC cable to be 2' above floor level
7	2" RILC cable to be 2' above floor level
8	3" RILC cable to be 2' above floor level
9	2" RILC cable to be 2' above floor level
10	3" RILC cable to be 2' above floor level
11	2" RILC cable to be 2' above floor level
12	3" RILC cable to be 2' above floor level
13	2" RILC cable to be 2' above floor level
14	3" RILC cable to be 2' above floor level
15	2" RILC cable to be 2' above floor level
16	3" RILC cable to be 2' above floor level
17	2" RILC cable to be 2' above floor level
18	3" RILC cable to be 2' above floor level
19	2" RILC cable to be 2' above floor level
20	3" RILC cable to be 2' above floor level
21	2" RILC cable to be 2' above floor level
22	3" RILC cable to be 2' above floor level
23	2" RILC cable to be 2' above floor level
24	3" RILC cable to be 2' above floor level
25	2" RILC cable to be 2' above floor level
26	3" RILC cable to be 2' above floor level
27	2" RILC cable to be 2' above floor level
28	3" RILC cable to be 2' above floor level
29	2" RILC cable to be 2' above floor level
30	3" RILC cable to be 2' above floor level
31	2" RILC cable to be 2' above floor level
32	3" RILC cable to be 2' above floor level
33	2" RILC cable to be 2' above floor level
34	3" RILC cable to be 2' above floor level
35	2" RILC cable to be 2' above floor level
36	3" RILC cable to be 2' above floor level
37	2" RILC cable to be 2' above floor level
38	3" RILC cable to be 2' above floor level
39	2" RILC cable to be 2' above floor level
40	3" RILC cable to be 2' above floor level

NOTES

1. Conduit as otherwise noted, all conduits are 1/2" thick.

2. Use 1/2" bare copper wire for main plant ground connected to motor mass. Connect all motor frames, motor cases, control cases, and control cabinet cases to main ground with #4 wire.

REFERENCE DRAWING, 45-D-118A

DEPARTMENT OF THE INTERIOR
 BUREAU OF RECLAMATION
**BOULDER CITY WATER SUPPLY
 TREATING AND FILTRATION PLANT
 LIGHTING AND ELECTRIC POWER EQUIPMENT**

DESIGNED BY: [Signature]
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

45-D-118D