



AMERICAN Standard

AMERICAN GAS ASSOCIATION & STANDARD LABORATORY CORPORATION

DEVELOPMENT & ENGINEERING DEPARTMENT

834 East Broadway, Louisville, Ky. 40204

INTER-OFFICE CORRESPONDENCE

9-1-66

To: Messrs. M. C. Schwalje (6)
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J. J. Hennessey
E. C. Bischof
G. M. Thornburg

Date: August 17, 1966

C O N F I D E N T I A L

From: L. L. Smith
Chief Engineer, Hydronics

AMERICAN Standard

AUG 18 1966

Subject: PG-1004 - Design Specifications
G-2 Boiler Redesign

D & E LABORATORY LIBRARY
LOUISVILLE, KENTUCKY

Attached are the Design Specifications for the G-2 Gas-Fired Boiler Redesign, Project PG-1004. Testing of the G-2 Boiler at American Gas Association Laboratories was initiated August 1, 1966. Although constructional changes could be required as a result of A.G.A. testing, no major revisions are expected.

The Specifications cover design changes in the burner and jacket plus those necessary to obtain A.G.A. Five-Year Reapproval. Included are the following:

1. New ribbon and drill port burner castings for lower cost manufacture on the SPO unit and improved performance.
2. Boiler sections with flueway reduced from 1-1/16" to 1".
3. Deluxe jacket revised to square corners and edges in lieu of the present ball corner and edge radius.
4. Jacket color changed to brown and beige from gray.
5. The flush canopy baffle width reduced.
6. Electric pilot gas ignition option discontinued.

LLS:rmf

W Smith

Enc.

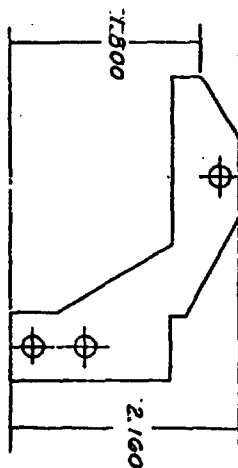
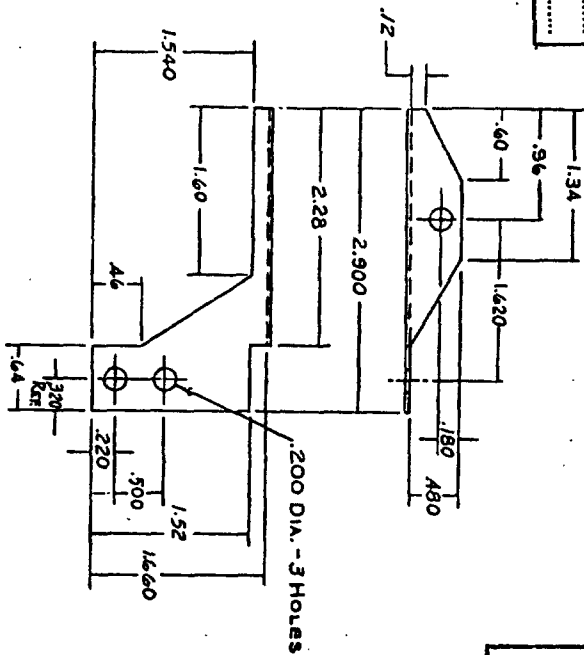
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26321

CHARACTERISTIC CONTROL	
SYMBOL	AQ.L.
	= CRITICAL
	= MAJOR
	= MINOR



BLANK LAYOUT

1. BLANK LAYOUT FOR PLANT REFERENCE ONLY.
TOLERANCES DO NOT APPLY

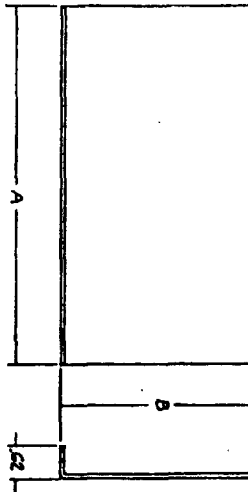
REV.	DESCRIPTION	DATE	BY	APP.

TOLERANCES UNLESS SPECIFIED (SEE NOTE 1)		REVISIONS 1-1-66	
C-PLATE .010 3-PLATE .005 FRACTIONS ANGLES MACHINED SURFACES TEXTURE 4 (120)		MATERIAL: 1/2 GA. (3050) C. R. SHEET STEEL FINISH	
APPROVED: J.V. [Signature] DATE: 1-7-66		DRAWN: 444 DATE: 1-7-66	
CHECKED: J.V. [Signature] DATE: 1-7-66		SCALE: 1:1	
PART NO. 387350-315-301		QUANTITY 48	
AMERICAN STANDARD LAMBERT, ILL.			

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CHARACTERISTIC CONTROL
SYMBOL AQL

= CRITICAL
 = MAJOR
 = MINOR



DUAL GAS									
NO.OF SECT.	PART NO.	DIM."A"	DIM."B"	CUTTING SIZE(REF)	PART NO.	DIM."A"	DIM."B"	CUTTING SIZE(REF)	
3	387360-535-306 B.P.	6.76	8.75	4.310 x 6.780	387360-544-306 B.P.	6.76	8.00	3.780 x 3.780	
4	387360-536-306 B.P.	10.03	8.75	4.310 x 10.030	387360-545-306 B.P.	10.03	3.00	3.560 x 10.030	
5	387360-537-306 B.P.	13.28	8.75	4.310 x 13.280	387360-546-306 B.P.	13.28	8.00	3.560 x 13.280	
6	387360-538-306 B.P.	16.53	8.75	4.310 x 16.530	387360-547-306 B.P.	16.53	3.00	3.560 x 16.530	
7	387360-539-306 B.P.	19.78	8.75	4.310 x 19.780	387360-548-306 B.P.	19.78	3.00	3.560 x 19.780	
8	387360-540-306 B.P.	23.03	8.75	4.310 x 23.030	387360-549-306 B.P.	23.03	8.00	3.560 x 23.030	
9	387360-541-306 B.P.	26.28	8.75	4.310 x 26.280	387360-550-306 B.P.	26.28	8.00	3.560 x 26.280	
10	387360-542-306 B.P.	29.53	8.75	4.310 x 29.530	387360-551-306 B.P.	29.53	8.00	3.560 x 29.530	
11	387360-543-306 B.P.	32.78	8.75	4.310 x 32.780	387360-552-306 B.P.	32.78	3.00	3.560 x 32.780	

20 GA. (0396) AL. COATED STL. TYPE 1 PER ASTM
 A468 OR D16 APPROVED EQUAL.

TOLERANCES UNLESS SPECIFIED (LESS: STATE SIZES EXCLUDED)

DECIMALS 2-PLACES .050
 FRACTIONS 1-PLACES .015

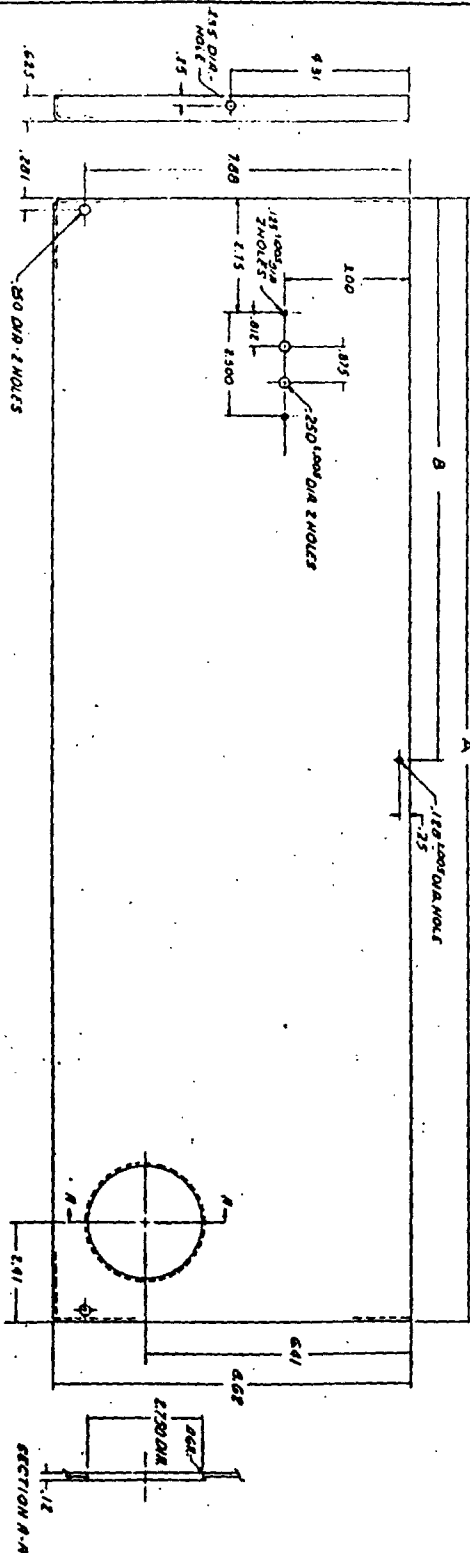
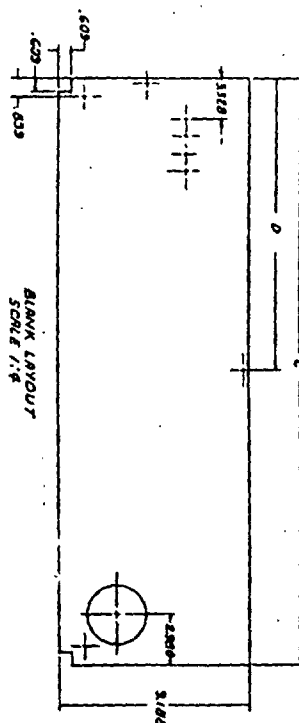
FINISH: MACHINED SURFACES
 ANGLE: TEXTURE 4/1200
 MACHINED SURFACES ON ORDERING TO BE CONFORMING TO THE SPECIFICATION

MATERIAL: G-2 GAS BOILER CANOPY FOR FLUSH JACKET
 BACKFL ANGLE: 8-0-16000

DRAWN: JJP
 CHECKED: KCL
 DATE: 8-10-66
 SCALE: 1:2
 BY: 387360-535-306
 387360-532-306

APPROVED BY:
 AMERICAN STANDARD
 100 NORTH 10TH STREET
 PHILADELPHIA, PA. 19106

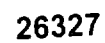
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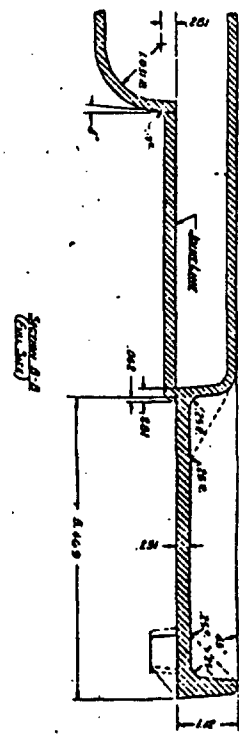
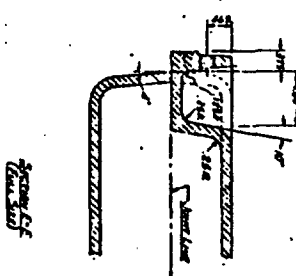
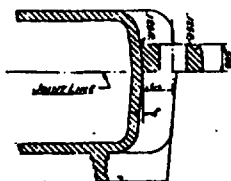
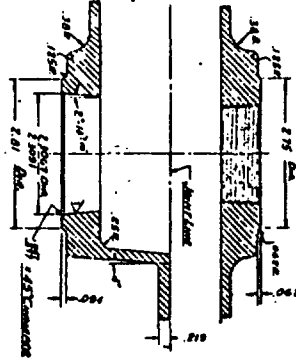
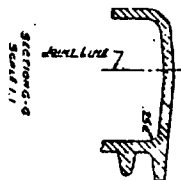
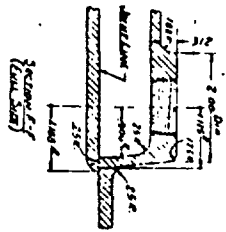
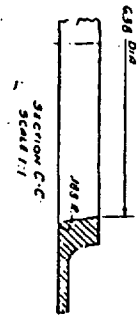
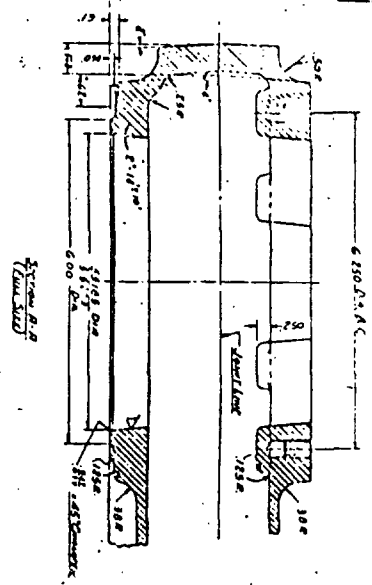


NO. OF SECT.	DIM. A	DIM. B.	DIM. C	DIM. D	FRONT PANEL PART NO.	FOR G.E. PART NO.
3	10.75	—	11.905	—	3075-20-248-319 A ¹	3075-20-248-319 A ¹
4	14.00	—	15.156	—	3076-20-242-319 B ¹	3076-20-242-319 B ¹
5	17.25	—	18.406	—	3076-20-249-319 B ¹	3076-20-249-319 B ¹
6	20.50	—	21.646	—	3076-20-245-319 B ¹	3076-20-245-319 B ¹
7	23.75	—	24.906	—	3076-20-240-319 B ¹	3076-20-240-319 B ¹
8	27.00	13.50	28.156	10.070	3076-20-241-319 B ¹	3076-20-241-319 B ¹
9	30.25	15.2	31.406	12.100	3076-20-242-319 B ¹	3076-20-242-319 B ¹
10	33.50	16.75	34.656	17.340	3076-20-243-319 B ¹	3076-20-243-319 B ¹
11	36.75	18.20	37.906	22.580	3076-20-244-319 B ¹	3076-20-244-319 B ¹

[illegible]

2. BURN LAYOUT FOR PLANT REFERENCE ONLY
 TOLERANCES DO NOT APPLY
 FINISH: - LIGHT GRIT PEA 1, -0-15528
 FOR G. E. BROWN PER 12-3-15328

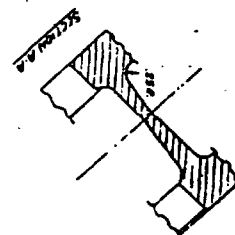
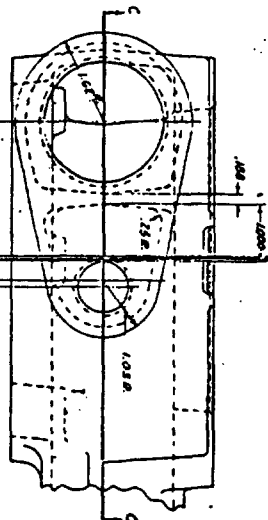
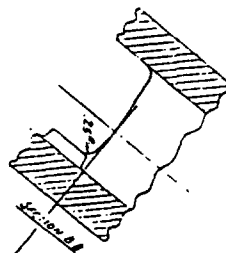
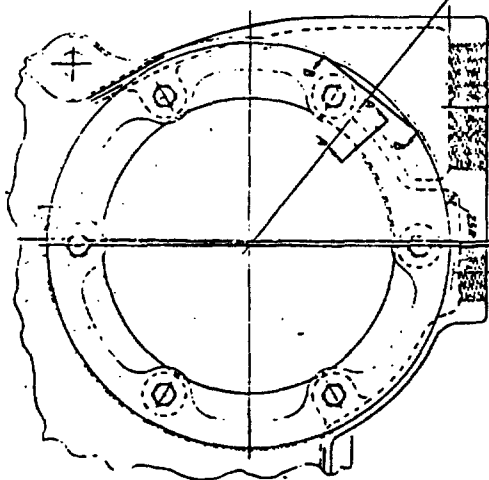
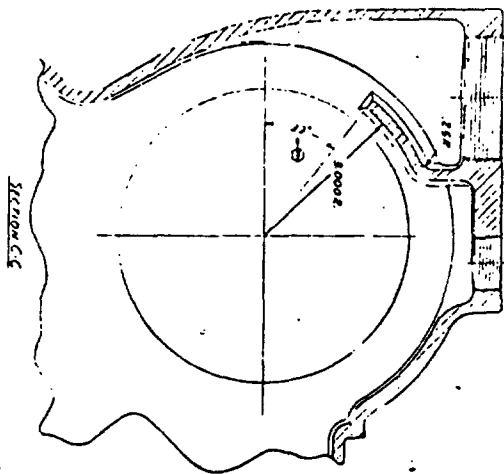




SECTION A-A
SECTION B-B
SECTION C-C
SECTION D-D
SECTION E-E
SECTION F-F
SECTION G-G
SECTION H-H
SECTION I-I
SECTION J-J
SECTION K-K
SECTION L-L
SECTION M-M
SECTION N-N
SECTION O-O
SECTION P-P

SECTION A-A	SECTION B-B	SECTION C-C	SECTION D-D	SECTION E-E	SECTION F-F	SECTION G-G	SECTION H-H	SECTION I-I	SECTION J-J	SECTION K-K	SECTION L-L	SECTION M-M	SECTION N-N	SECTION O-O	SECTION P-P
SECTION A-A	SECTION B-B	SECTION C-C	SECTION D-D	SECTION E-E	SECTION F-F	SECTION G-G	SECTION H-H	SECTION I-I	SECTION J-J	SECTION K-K	SECTION L-L	SECTION M-M	SECTION N-N	SECTION O-O	SECTION P-P
SECTION A-A	SECTION B-B	SECTION C-C	SECTION D-D	SECTION E-E	SECTION F-F	SECTION G-G	SECTION H-H	SECTION I-I	SECTION J-J	SECTION K-K	SECTION L-L	SECTION M-M	SECTION N-N	SECTION O-O	SECTION P-P

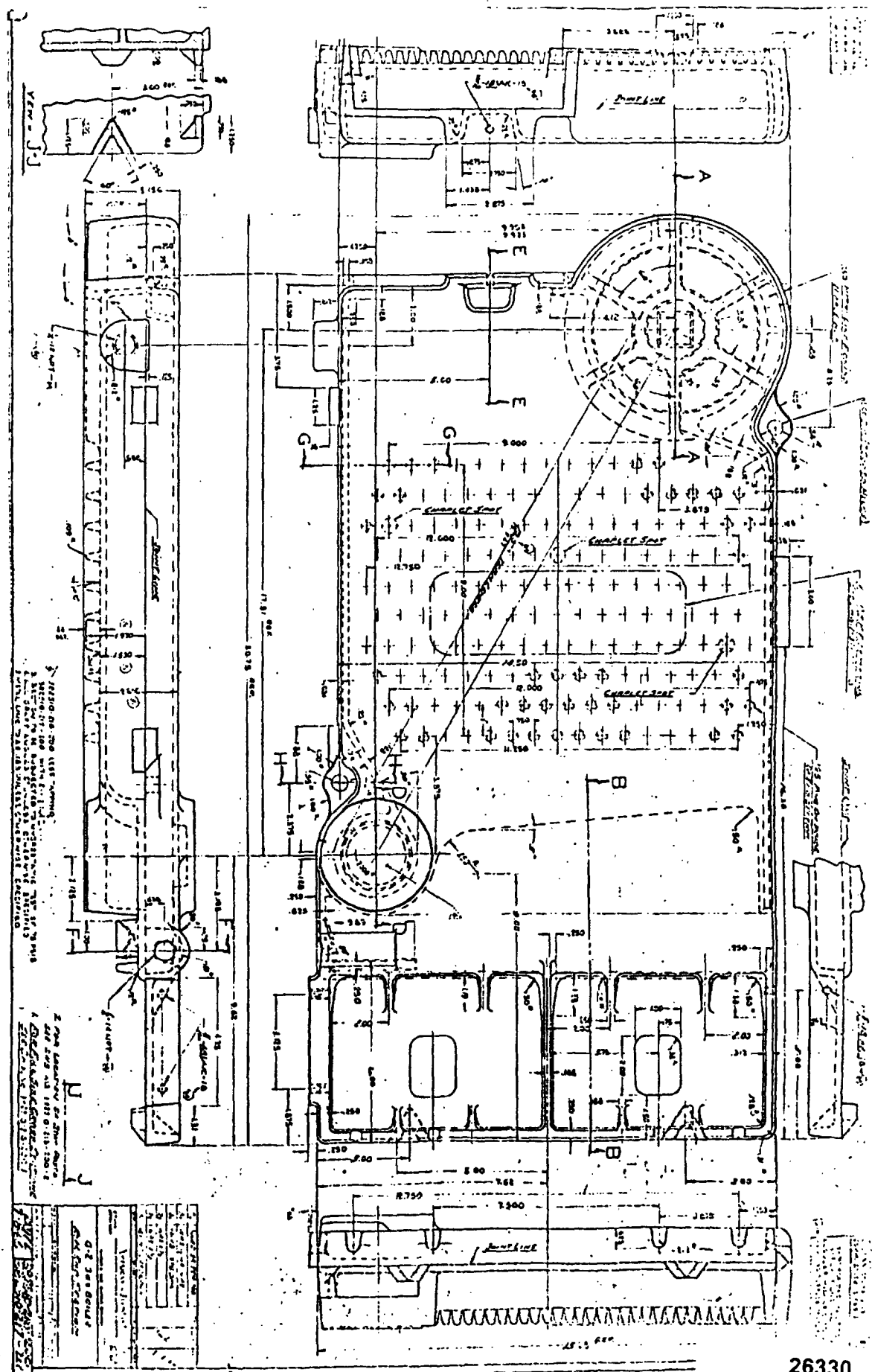
1. All dimensions are in inches.
 2. All dimensions are to be maintained.
 3. All dimensions are to be maintained.
 4. All dimensions are to be maintained.
 5. All dimensions are to be maintained.
 6. All dimensions are to be maintained.
 7. All dimensions are to be maintained.
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 9. All dimensions are to be maintained.
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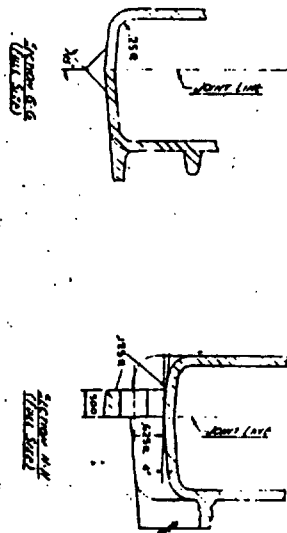
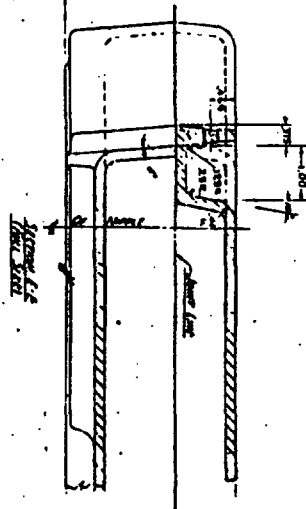
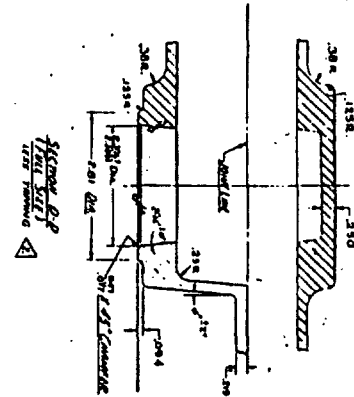
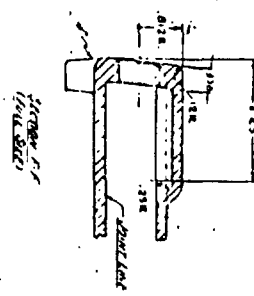
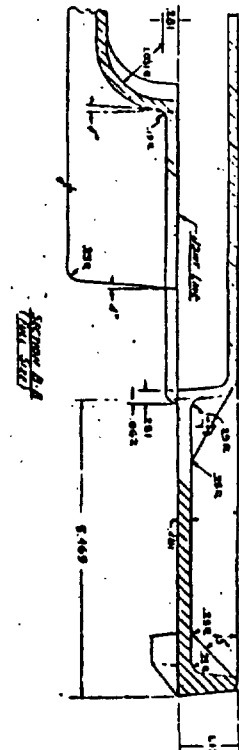


Item	Quantity	Description	Unit
1	1	Flange	Each
2	1	Shaft	Each
3	1	Flange	Each
4	1	Shaft	Each
5	1	Flange	Each
6	1	Shaft	Each
7	1	Flange	Each
8	1	Shaft	Each
9	1	Flange	Each
10	1	Shaft	Each

26329

All dimensions
 are to be maintained

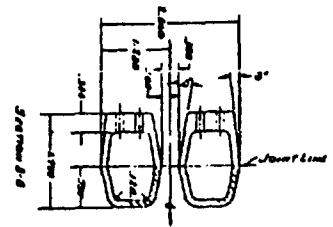


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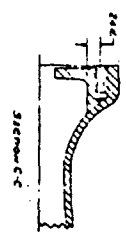
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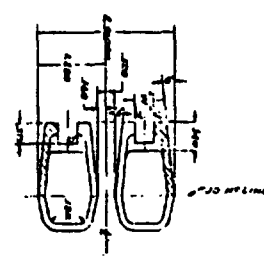
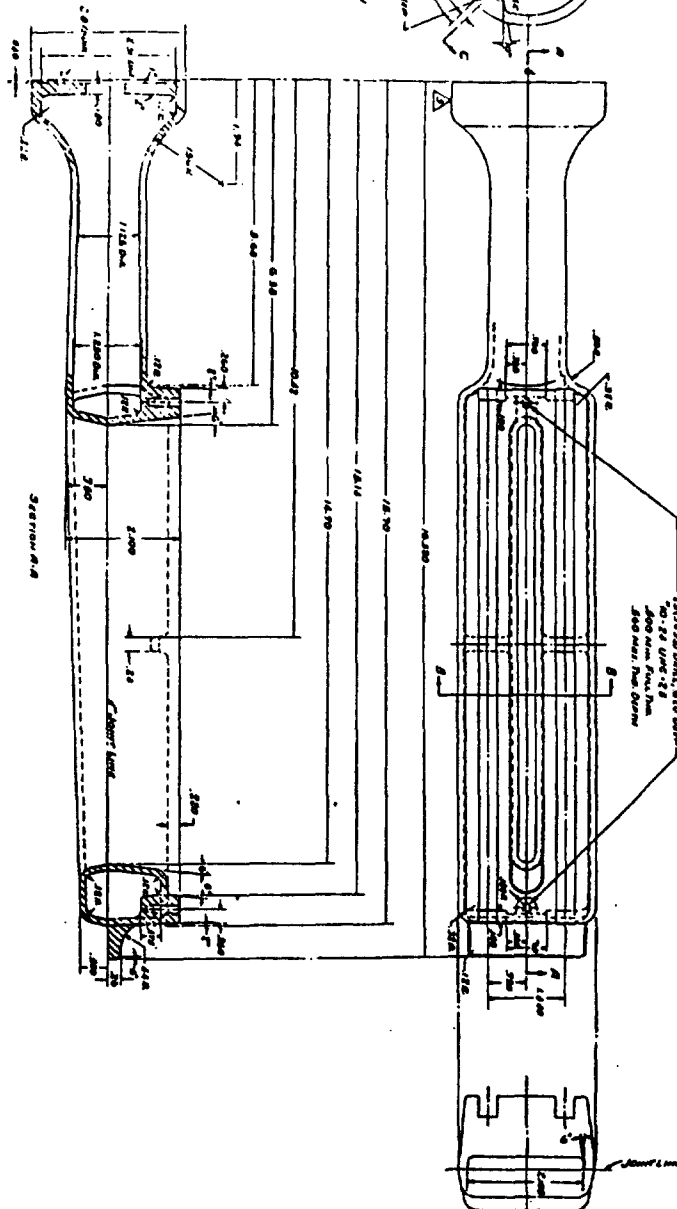


Deutsche Bank AG	AG 100
Deutsche Bank AG, 100, 100, 100	100, 100, 100
Deutsche Bank AG, 100, 100, 100	100, 100, 100

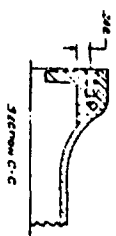
1. Subject to be a young girl, 11 years old, in the Army
subject to be a young girl

4. In the 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th, 101st, 102nd, 103rd, 104th, 105th, 106th, 107th, 108th, 109th, 110th, 111th, 112th, 113th, 114th, 115th, 116th, 117th, 118th, 119th, 120th, 121st, 122nd, 123rd, 124th, 125th, 126th, 127th, 128th, 129th, 130th, 131st, 132nd, 133rd, 134th, 135th, 136th, 137th, 138th, 139th, 140th, 141st, 142nd, 143rd, 144th, 145th, 146th, 147th, 148th, 149th, 150th, 151st, 152nd, 153rd, 154th, 155th, 156th, 157th, 158th, 159th, 160th, 161st, 162nd, 163rd, 164th, 165th, 166th, 167th, 168th, 169th, 170th, 171st, 172nd, 173rd, 174th, 175th, 176th, 177th, 178th, 179th, 180th, 181st, 182nd, 183rd, 184th, 185th, 186th, 187th, 188th, 189th, 190th, 191st, 192nd, 193rd, 194th, 195th, 196th, 197th, 198th, 199th, 200th, 201st, 202nd, 203rd, 204th, 205th, 206th, 207th, 208th, 209th, 210th, 211st, 212nd, 213th, 214th, 215th, 216th, 217th, 218th, 219th, 220th, 221st, 222nd, 223rd, 224th, 225th, 226th, 227th, 228th, 229th, 230th, 231st, 232nd, 233rd, 234th, 235th, 236th, 237th, 238th, 239th, 240th, 241st, 242nd, 243rd, 244th, 245th, 246th, 247th, 248th, 249th, 250th, 251st, 252nd, 253rd, 254th, 255th, 256th, 257th, 258th, 259th, 260th, 261st, 262nd, 263rd, 264th, 265th, 266th, 267th, 268th, 269th, 270th, 271st, 272nd, 273rd, 274th, 275th, 276th, 277th, 278th, 279th, 280th, 281st, 282nd, 283rd, 284th, 285th, 286th, 287th, 288th, 289th, 290th, 291st, 292nd, 293rd, 294th, 295th, 296th, 297th, 298th, 299th, 300th, 301st, 302nd, 303rd, 304th, 305th, 306th, 307th, 308th, 309th, 310th, 311st, 312nd, 313th, 314th, 315th, 316th, 317th, 318th, 319th, 320th, 321st, 322nd, 323rd, 324th, 325th, 326th, 327th, 328th, 329th, 330th, 331st, 332nd, 333rd, 334th, 335th, 336th, 337th, 338th, 339th, 340th, 341st, 342nd, 343rd, 344th, 345th, 346th, 347th, 348th, 349th, 350th, 351st, 352nd, 353rd, 354th, 355th, 356th, 357th, 358th, 359th, 360th, 361st, 362nd, 363rd, 364th, 365th, 366th, 367th, 368th, 369th, 370th, 371st, 372nd, 373rd, 374th, 375th, 376th, 377th, 378th, 379th, 380th, 381st, 382nd, 383rd, 384th, 385th, 386th, 387th, 388th, 389th, 390th, 391st, 392nd, 393rd, 394th, 395th, 396th, 397th, 398th, 399th, 400th, 401st, 402nd, 403rd, 404th, 405th, 406th, 407th, 408th, 409th, 410th, 411st, 412nd, 413th, 414th, 415th, 416th, 417th, 418th, 419th, 420th, 421st, 422nd, 423rd, 424th, 425th, 426th, 427th, 428th, 429th, 430th, 431st, 432nd, 433rd, 434th, 435th, 436th, 437th, 438th, 439th, 440th, 441st, 442nd, 443rd, 444th, 445th, 446th, 447th, 448th, 449th, 450th, 451st, 452nd, 453rd, 454th, 455th, 456th, 457th, 458th, 459th, 460th, 461st, 462nd, 463rd, 464th, 465th, 466th, 467th, 468th, 469th, 470th, 471st, 472nd, 473rd, 474th, 475th, 476th, 477th, 478th, 479th, 480th, 481st, 482nd, 483rd, 484th, 485th, 486th, 487th, 488th, 489th, 490th, 491st, 492nd, 493rd, 494th, 495th, 496th, 497th, 498th, 499th, 500th, 501st, 502nd, 503rd, 504th, 505th, 506th, 507th, 508th, 509th, 510th, 511st, 512nd, 513th, 514th, 515th, 516th, 517th, 518th, 519th, 520th, 521st, 522nd, 523rd, 524th, 525th, 526th, 527th, 528th, 529th, 530th, 531st, 532nd, 533rd, 534th, 535th, 536th, 537th, 538th, 539th, 540th, 541st, 542nd, 543rd, 544th, 545th, 546th, 547th, 548th, 549th, 550th, 551st, 552nd, 553rd, 554th, 555th, 556th, 557th, 558th, 559th, 560th, 561st, 562nd, 563rd, 564th, 565th, 566th, 567th, 568th, 569th, 570th, 571st, 572nd, 573rd, 574th, 575th, 576th, 577th, 578th, 579th, 580th, 581st, 582nd, 583rd, 584th, 585th, 586th, 587th, 588th, 589th, 590th, 591st, 592nd, 593rd, 594th, 595th, 596th, 597th, 598th, 599th, 600th, 601st, 602nd, 603rd, 604th, 605th, 606th, 607th, 608th, 609th, 610th, 611st, 612nd, 613th, 614th, 615th, 616th, 617th, 618th, 619th, 620th, 621st, 622nd, 623rd, 624th, 625th, 626th, 627th, 628th, 629th, 630th, 631st, 632nd, 633rd, 634th, 635th, 636th, 637th, 638th, 639th, 640th, 641st, 642nd, 643rd, 644th, 645th, 646th, 647th, 648th, 649th, 650th, 651st, 652nd, 653rd, 654th, 655th, 656th, 657th, 658th, 659th, 660th, 661st, 662nd, 663rd, 664th, 665th, 666th, 667th, 668th, 669th, 670th, 671st, 672nd, 673rd, 674th, 675th, 676th, 677th, 678th, 679th, 680th, 681st, 682nd, 683rd, 684th, 685th, 686th, 687th, 688th, 689th, 690th, 691st, 692nd, 693rd, 694th, 69

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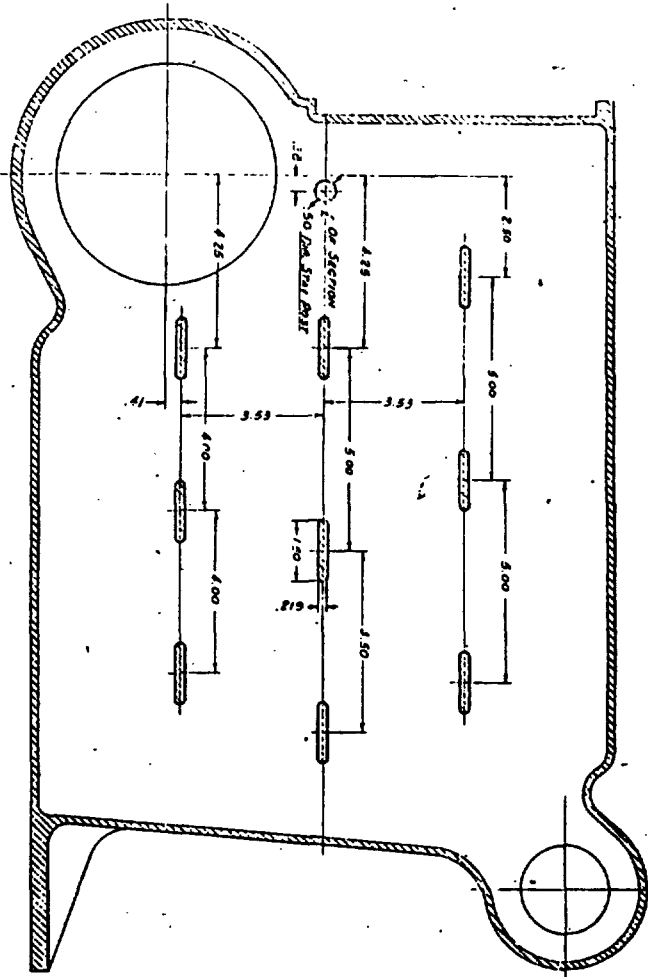


Riseen Specifications	
Plant No.	RI2140-781-009
Time of day	approximately midday
Forecast for Riseen	0.016 (low)
Background Forecast at RI Station	0.70 (low)
Water at Riseen	1.15
Water at "Sewer"	1.11
Atmosphere	200 Atoms
Riseen Pin Size	3
Length of Riseen	3.450



DATE	DESCRIPTION	AMOUNT	BALANCE
1900	TO BALANCE		
1901	BY BALANCE		
1902	BY BALANCE		
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2008	BY BALANCE		
2009	BY BALANCE		
2010	BY BALANCE		
2011	BY BALANCE		
2012			

[illegible]



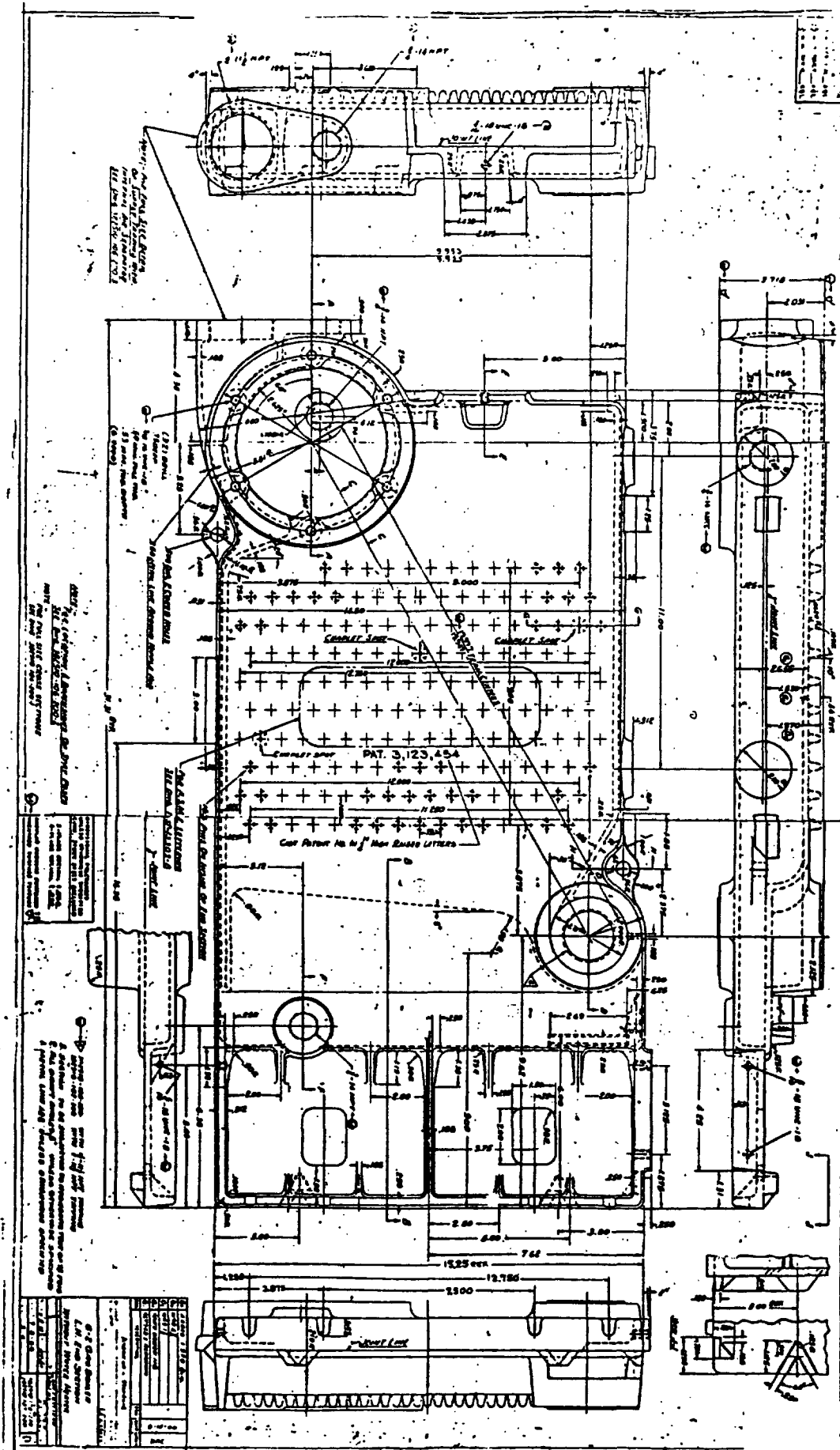
NOTE: All Dimensions Are To Center Line
Unless Otherwise Indicated

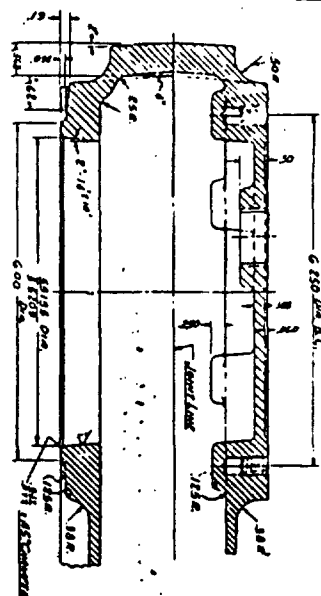
1. 1/2\"/>

1. 1/2\"/>

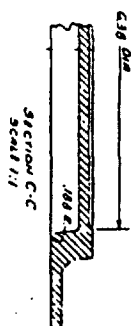
26335

1. 1/2\"/>

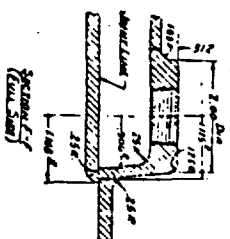




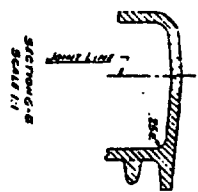
SECRET - 10



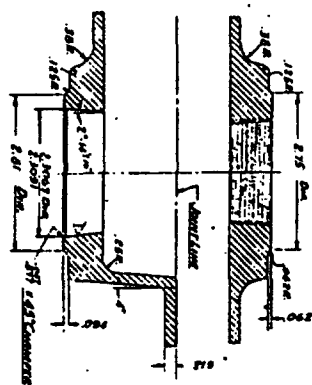
SECTION 6
SCAL 1:1



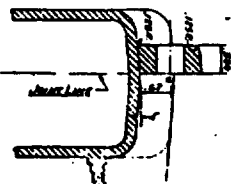
Section 5



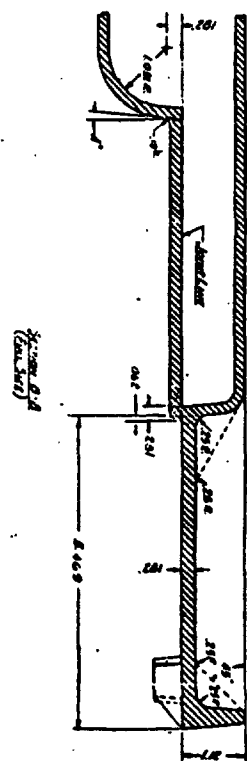
SCALE 1:1
9-2 NOV 2016



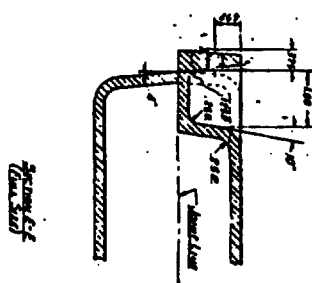
SECRET
(EVAL-5122)



Section 474
(Duties)



Ms. A.9.2.10.1



2/27/2017

1. DATE OF BIRTH 10/10/1940
 2. DATE OF DEATH 10/10/1940
 3. DATE OF BURIAL 10/10/1940
 4. DATE OF CREMATION 10/10/1940
 5. DATE OF INTERMENT 10/10/1940
 6. DATE OF EXHUMATION 10/10/1940
 7. DATE OF REINTERMENT 10/10/1940
 8. DATE OF REINTERMENT 10/10/1940
 9. DATE OF REINTERMENT 10/10/1940
 10. DATE OF REINTERMENT 10/10/1940

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	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
Amesbury, Massachusetts Charles E. Amesbury 1000 North Main Street Amesbury, Massachusetts 01753-1000 1000 North Main Street Amesbury, Massachusetts 01753-1000																																																																																																			