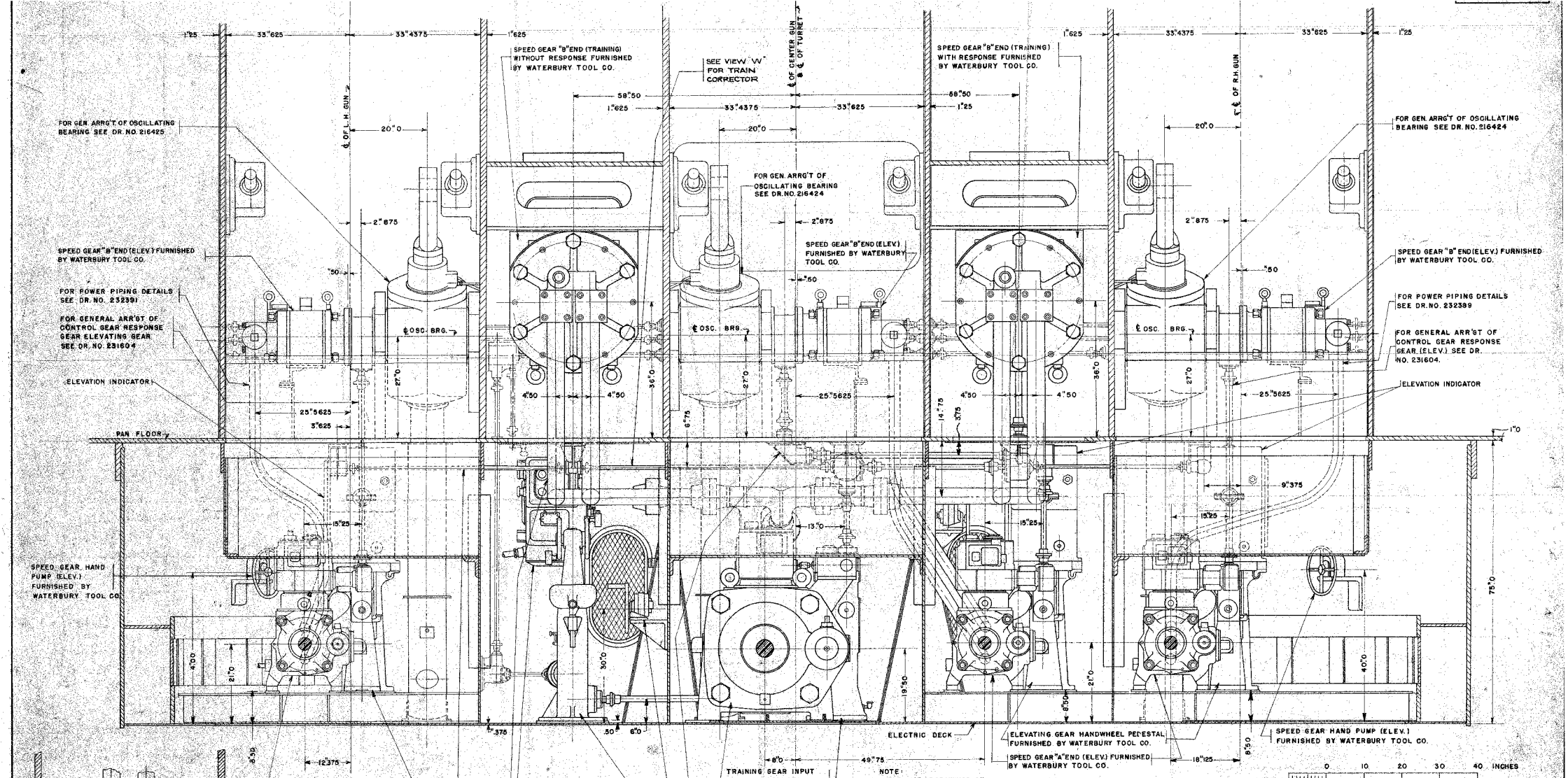


SECTION F-F DR. NO 231622 & 231623

NOTE:
FOR LIST OF DRAWINGS OF:
16 IN. ELEVATING GEAR MK. IV MOD. 3, SEE SK. NO. 61861.
16 IN. ELEVATING GEAR MK. IV MOD. 4, SEE SK. NO. 61862.
16 IN. ELEVATING GEAR MK. IV MOD. 5, SEE SK. NO. 61863.
16 IN. TRAINING GEAR MK. I MOD. 1, SEE SK. NO. 61865.
FOR GENERAL ARRANGEMENT, PLAN VIEW PAN FLOOR, SEE DR. NO. 231622.
FOR GENERAL ARRANGEMET, PLAN VIEW ELECTRIC DECK, SEE DR. NO. 231623.
FOR GENERAL ARRANGEMENT, TRANSVERSE SECTION LOOKING TO REAR, SEE DR. NO. 321625.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION R.H. GUN, SEE DR. NO. 231626.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION R.H. BOX GIRDER, SEE DR. NO. 231627.
FOR GENERAL ARRANGEMENT, LONGITUINAL SECTION CENTER GUN, SEE DR. NO. 231628.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION L.H. GUN, SEE DR. NO. 231629.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION L.H. BOX GIRDER, SEE DR. NO. 232109.

REVISIONS		
LET.	NUMBER	DATE

16 IN ELEV. GEAR MK. IV MODS. 3, 4, & 5.
16 IN TRAINING GEAR MK. I MOD. I.

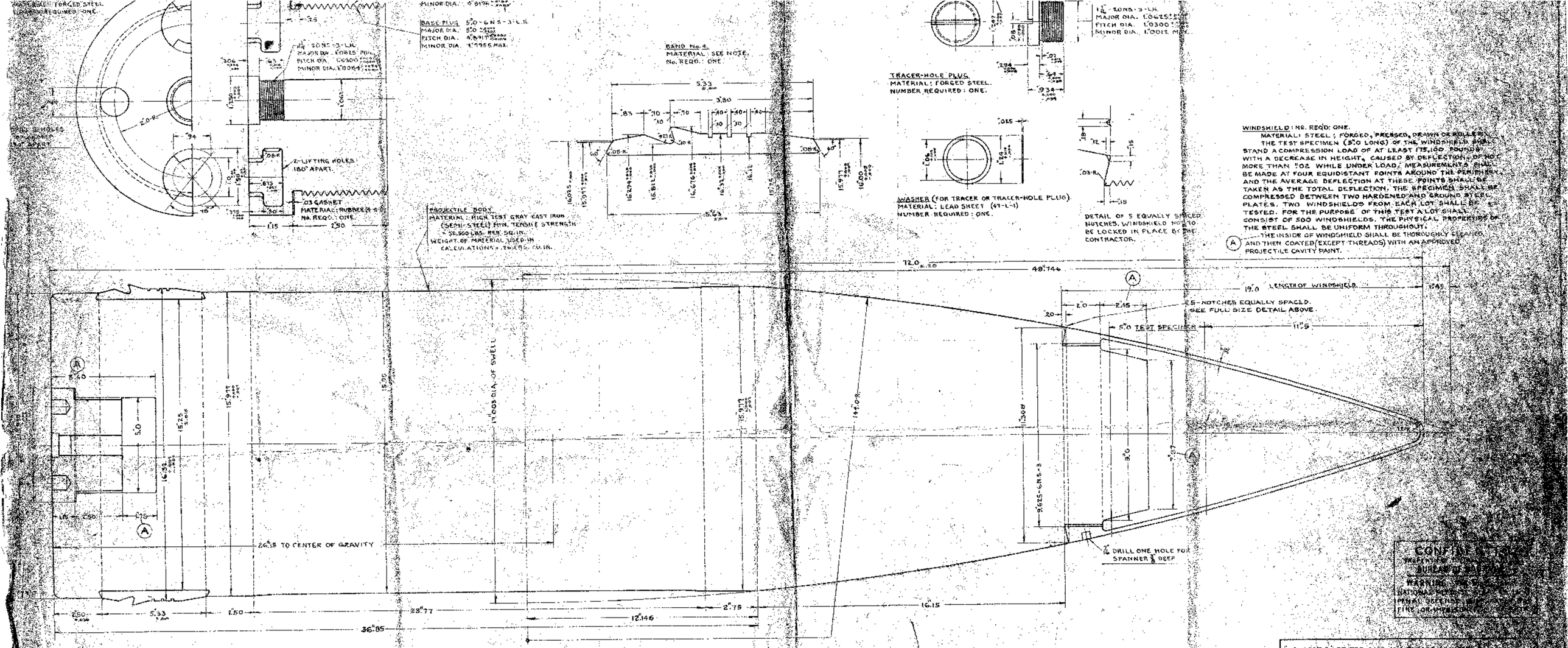
GENERAL ARRANGEMENT
TRANSVERSE SECTION
(CENTER LINE OF TURRET LOOKING FORWARD)
SCALE: 1/12

REGISTERED MAIL

U.S. NAVAL GUN FACTORY
WASHINGTON, D.C.
28 MAR. 1940

EXAMINED: DATE 3/25/40
PRINCIPAL ENGINEER
SENIOR ENGINEER
CHECKED
LT. COMDR., U.S.N.
BY DIRECTION OF SUPERINTENDENT

F.J. REILLY 8-11-39	CONNELLEE 3-5-40	BUREAU'S FILE 88 27-60/572 (T14-V E12)	CLASSIFICATION: ASSEMBLIES
DRAWN BY	TRACER	N.G.F. 572/88(358)	DRAWING NO. 231624
JOB ORDER 817-1-P.			



NOTE:

SPECIFICATIONS OF LATEST ISSUE APPLY.

ORDNANCE SPECIFICATION No. 386-B APPLIES TO THIS PROJECTILE.

THE OUTSIDE SURFACE OF THE PROJECTILE SHALL HAVE A SMOOTH FINISH MADE BY TURNING OR AN EQUIVALENT OPERATION.

FRONT AND REAR BOURRELETS SHALL BE TRUE CYLINDRICAL SURFACES WHOSE AXES COINCIDE WITH THE AXIS OF THE PROJECTILE, WITH THE PROJECTILE RUNNING TRUE ON ITS BOURRELETS. THE ECCENTRICITY OF THE FORWARD END OF THE WINDSHIELD SHALL NOT EXCEED ..... .03.

ROTATING BAND SHALL BE TURNED TRULY CONCENTRIC WITH THE BOURRELETS.

BAND-SCORE SHALL BE NICKED WITH LONGITUDINAL CUTS ABOUT .05 DEEP SPACED APPROXIMATELY .25 BETWEEN CENTERS, OR WAVED RIBS OF A DESIGN APPROVED BY THE BUREAU MAY BE USED IN LIEU OF NICKING.

ROTATING BAND SHALL BE 91½% PURE COPPER AND 2½% NICKEL.

THREADS SHALL BE AMERICAN NATIONAL FORM.

BASE PLUG SHALL FIT GAS TIGHT WHEN SCREWED HOME AGAINST A RUBBER GASKET OF .03 THICKNESS.

ROTATING BAND SHALL BE CAREFULLY HAMMERED OR PRESSED INTO PLACE.

ROTATING BAND SHALL BE COVERED WITH STOUT CANVAS AND PROTECTED BY A ROPE GROMMET IN ACCORDANCE WITH BUREAU OF ORDNANCE DRAWING NUMBER 72299.

FOR METHOD OF MARKING AND PAINTING PROJECTILES SEE ORDNANCE PAMPHLET No. 368 PART I.

THE CENTER OF GRAVITY OF THE PROJECTILE SHALL NOT BE MARKEDLY OUT OF COINCIDENCE WITH ITS AXIS. WHEN A PROJECTILE ROLLED ALONG HORIZONTAL RAILS, SHOWS A TENDENCY TO SETTLE WHICH TENDENCY CANNOT BE ELIMINATED BY THE APPLICATION OF MAGNETS TO THE EXTENT OF 105 INCH OUNCES, THE CENTER OF GRAVITY IS MARKEDLY OUT OF COINCIDENCE WITH ITS AXIS.

THE NOSE OF THE PROJECTILE MAY BE MODIFIED TO BRING THE WEIGHT OF THE PROJECTILE WITHIN TOLERANCES.

TOLERANCES SHALL BE MANIPULATED TO CHANGE DIMENSIONS IN FRONT OF BAND AS LITTLE AS POSSIBLE.

METHOD OF ATTACHING WINDSHIELD MAY BE VARIED IF APPROVED BY THE BUREAU OF ORDNANCE.

CONTRACTOR'S DRAWING SHALL SHOW THE EXACT DIMENSIONS USED.

TOLERANCES	DIM.	INCHES PLUS	INCHES MINUS
TOTAL LENGTH	72.0	.200	.200
DIAM. OF CYLINDER	15.95	.010	.020
DIAM. OF BOURRELETS	15.977	.000	.007
DIAM. AT BOTTOM OF BAND-SCORE	13.25	.015	.015
REAR EDGE OF BAND-SCORE FROM REAR FACE	2.50	.030	.030
WIDTH OF BAND-SCORE TOP	5.33	.010	.010
WIDTH OF BAND-SCORE BOTTOM	5.63	.010	.010
DIAM. OF BAND	16.32	.005	.000
DIAM. OF FUZE HOLE THREADS	1.0625	SEE DETAIL.	

WEIGHTS	POUNDS
PROJECTILE BODY	2602.94
ROTATING BAND	42.88
BASE PLUG	20.52
WINDSHIELD	33.29
TRACER MK. VI	4.47
GASKETS	.10
PROJECTILE COMPLETE	2700.00 ± 7.0 LBS.

NOTED		
DESK	OFFICER	DATE
1	[illegible]	7/7/37
2	[illegible]	7/7/37
3	[illegible]	7/7/37
4		
5		

"NO. REQ'D." ARE FOR ONE 16.0 TARGET PROJECTILE.

REVISIONS		
LET.	NUMBER	DATE
A8	36442	8-14-39

16 IN TARGET PROJECTILE MK IX
(4.50 CAL. GUN TYPE)

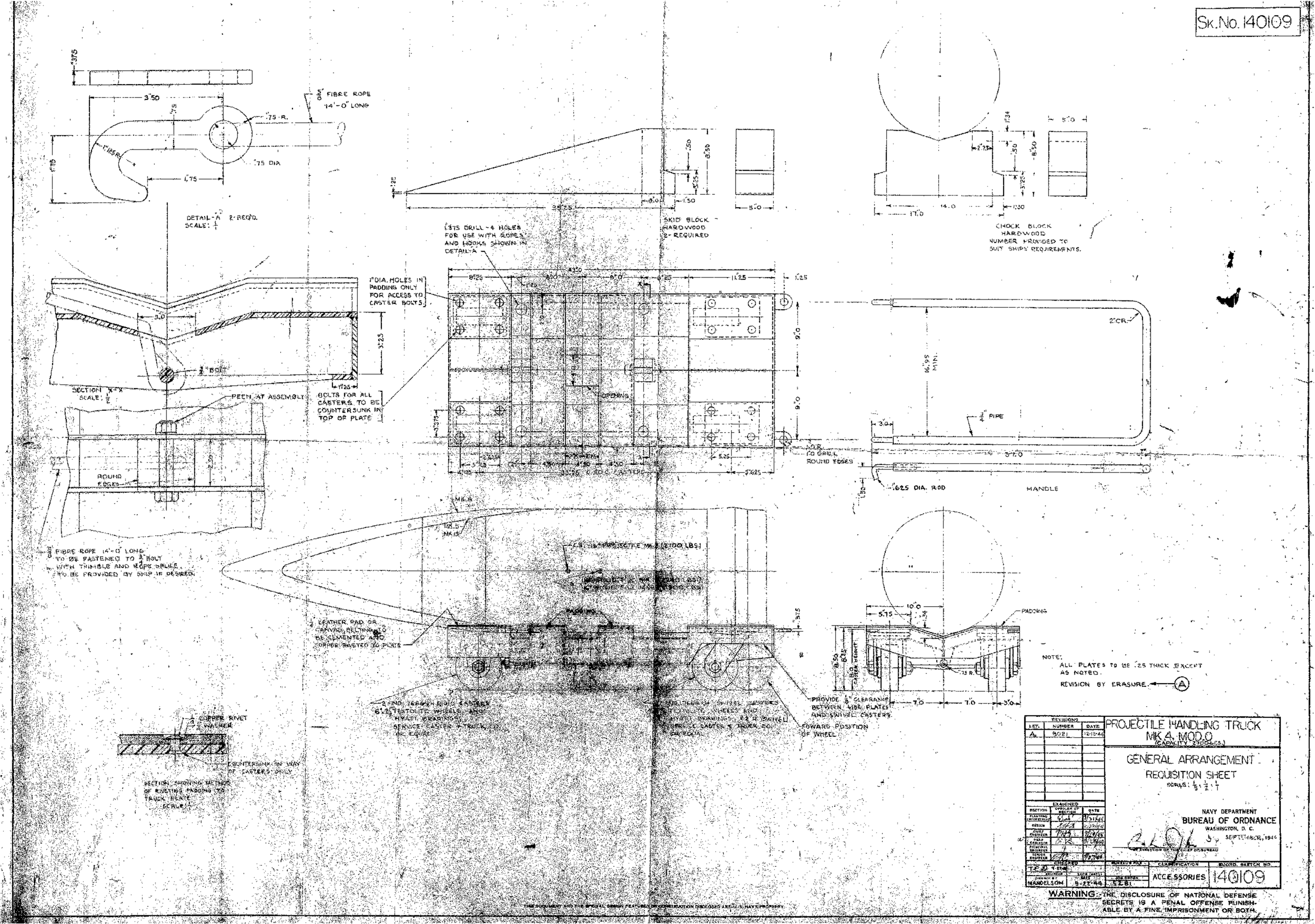
REQUISITION 36[illegible]

SCALE 2:1

[illegible]

AMENDMENT

Sk. No. 140109



NOTE:
ALL PLATES TO BE .25 THICK EXCEPT AS NOTED.
REVISION BY ERASURE. (A)

REVISIONS		
LET.	NUMBER	DATE
A	8021	12-13-44

EXAMINED		
SECTION	OFFICER OF SECTION	DATE
PLANNING CONSULTANT		9/21/44
DESIGN		
CHIEF ENGINEER		9/21/44
HEAD ENGINEER		9/21/44
PRINCIPAL ENGINEER		
SENIOR ENGINEER		9/22/44

CHECKED	
T.E.D.	9-21-44

ENGINEER	SCALE OFFICIAL	DATE
DRAWN BY MANDELSON	9-22-44	5281

PROJECTILE HANDLING TRUCK MK 4, MOD 0
(CAPACITY 2700 LBS.)

GENERAL ARRANGEMENT
REQUISITION SHEET

SCALE: 1/8, 1/2, 1/1

NAVY DEPARTMENT
BUREAU OF ORDNANCE
WASHINGTON, D. C.
SEPTEMBER, 1944

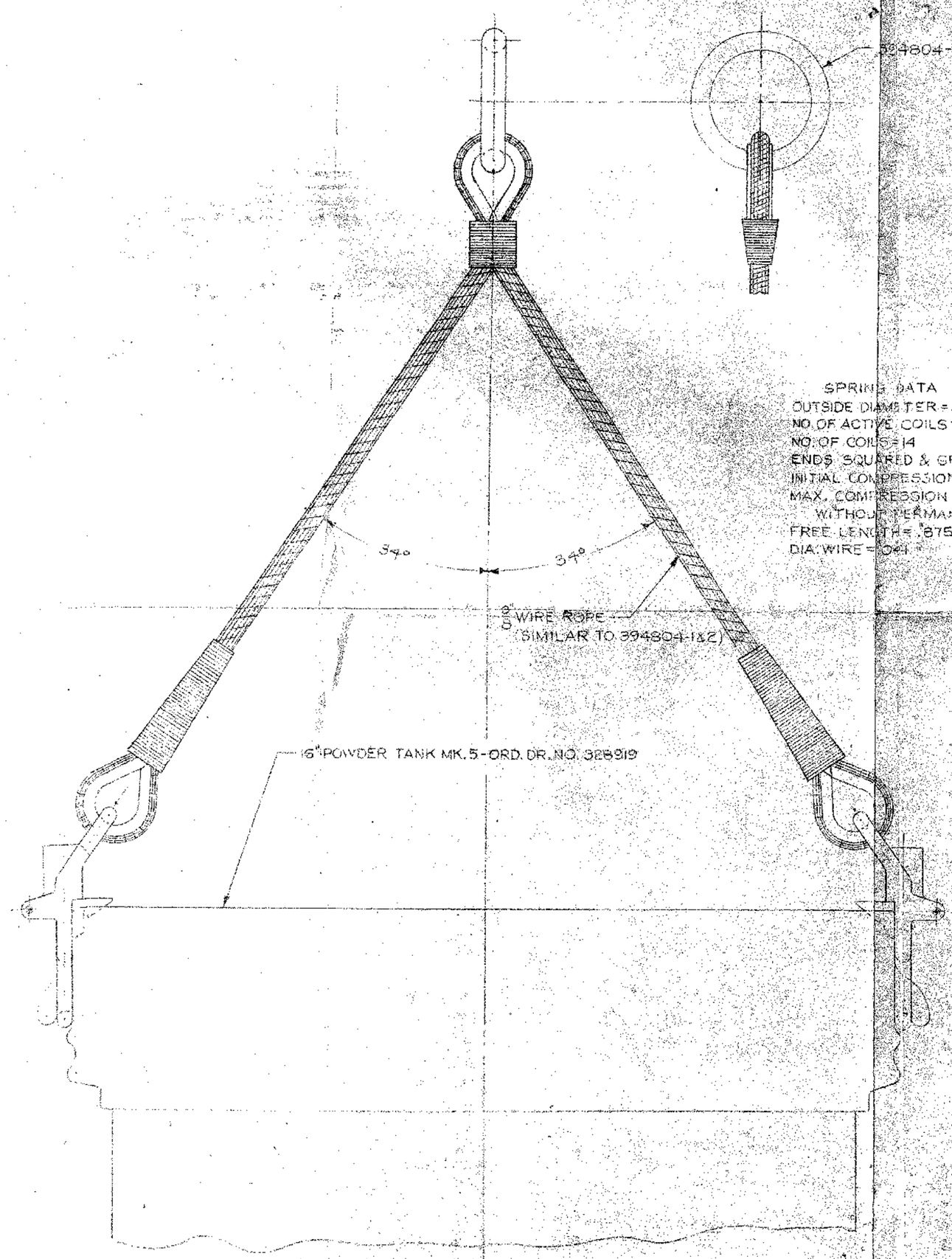
BY DIRECTION OF THE CHIEF OF BUREAU

BUREAU FILE	CLASSIFICATION	BUORD. SKETCH NO.
	ACCESSORIES	140109

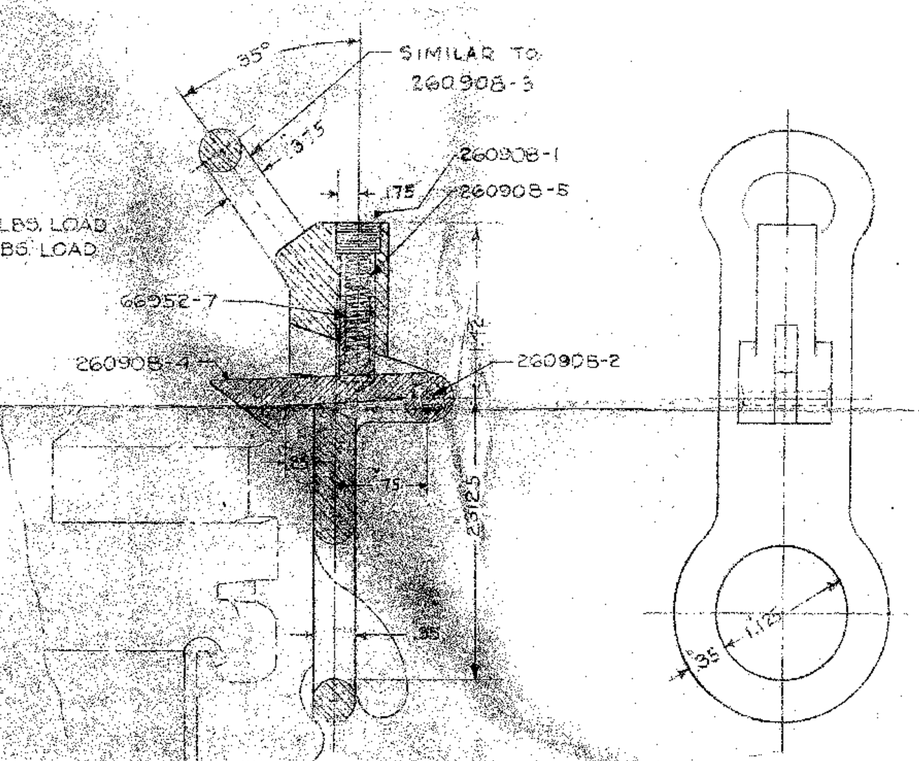
WARNING: THE DISCLOSURE OF NATIONAL DEFENSE SECRETS IS A PENAL OFFENSE PUNISHABLE BY A FINE, IMPRISONMENT OR BOTH.

THIS DOCUMENT AND THE SPECIAL DESIGN FEATURES OF CONSTRUCTION DISCLOSED ARE U.S. NAVY PROPERTY.

Sk. No. 140122



SPRING DATA
OUTSIDE DIAMETER = .22 ± .005
NO. OF ACTIVE COILS = 12.5
NO. OF COILS = 14
ENDS SQUARED & GROUND
INITIAL COMPRESSION OF .065 = 3.6 LBS. LOAD
MAX. COMPRESSION OF .275 = 15.5 LBS. LOAD
WITHOUT PERMANENT SET.
FREE LENGTH = .875
DIA. WIRE = .041



DESIGN FOR THIS CARRIER ADAPTED FROM ORD. DR. NO. 260908, (PUGET SOUND NAVY YARD)

REVISIONS		
LET.	NUMBER	DATE

EXAMINED		
SECTION	OFFICER OF SECTION	DATE
PLANNING ENGINEERING	[illegible]	12/12/44
DESIGN	[illegible]	12/12/44
CHIEF ENGINEER	[illegible]	12-13-44
ACTING HEAD ENGINEER	[illegible]	12/13/44
PRINCIPAL ENGINEER		
SENIOR ENGINEER	[illegible]	12/13/44

CHECKED	
T.E.D. 12-14-44	
ENGINEER	ENG'R (MAT'L)
DRAWN BY	DATE
BERRY	11-7-44

16" POWDER TANK CARRIER MK. 3, MOD. 0

GENERAL ARRANGEMENT

SCALE: $\frac{1}{2}$, $\frac{1}{1}$

NAVY DEPARTMENT
BUREAU OF ORDNANCE
WASHINGTON, D. C.

M. R. Kelley
BY DIRECTION OF THE CHIEF OF BUREAU
13 DECEMBER, 1944

BUREAU'S FILE	CLASSIFICATION	ORD. SKETCH NO.
JOB ORDER 5333	ACCESSORIES	140122

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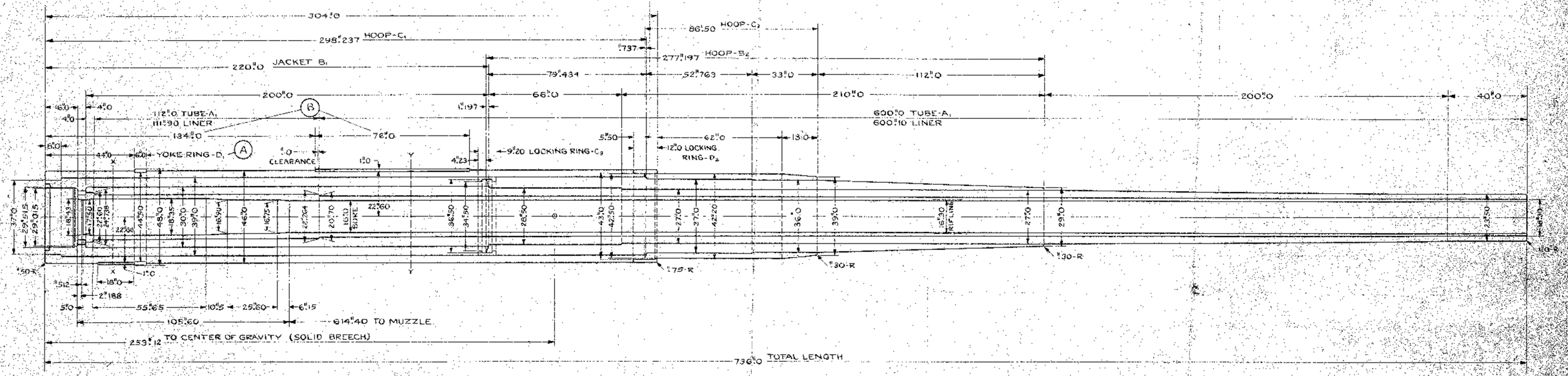
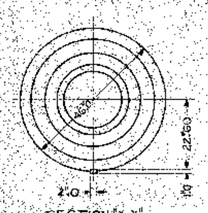
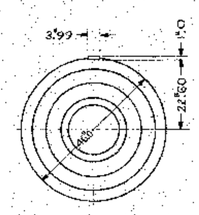
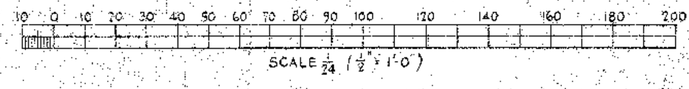








NOTE:

WEIGHT OF GUN (BREECH SOLID) = 192310 LBS. = 85.89 TONS.
FOR LIST OF DRAWINGS, SEE SK. NO. 58101.

BORE TO BE CHROME PLATED FOR A DISTANCE OF 625".24 FROM MUZZLE. PLATING TO BE FIVE TEN THOUSANDTHS (0".0005) OF AN INCH THICK.

(C) 16" GUN MARK VI MOD I IS 16" GUN MK VI WITH BREECH END ALTERED TO PERMIT ATTACHING HINGE LUG OF BREECH MECHANISM TO GUN.

FOR LIST OF DRAWINGS OF 16" GUN MK VI MOD I SEE SKETCH NO. 90447.

PIECE NO.	NOMENCLATURE	NO. REQ'D.	MATERIAL AND SPECIFICATION NO.	WEIGHT REQ'D.
"NO. REQ'D." ARE FOR				

REVISIONS		
LET.	NUMBER	DATE
A	3115	1/7/38
B	3162	3/11/38
C2	3928	8/6/40

16" GUN MARK VI MOD I 45 CALS

16 IN GUN MARK VI
(45 CALS.)

GENERAL ARRANGEMENT

SCALE 1/24

NAVY DEPARTMENT
BUREAU OF ORDNANCE
WASHINGTON, D. C.

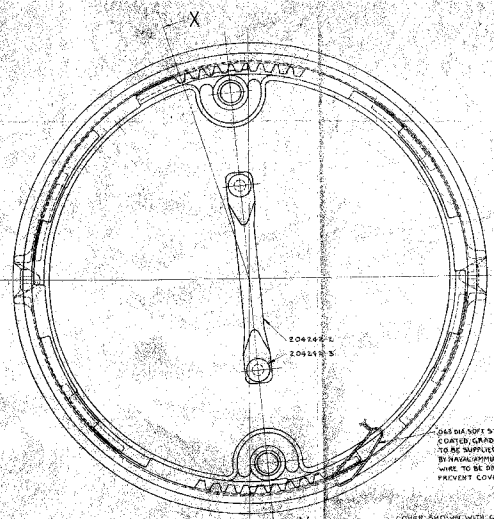
Sep 24 1937

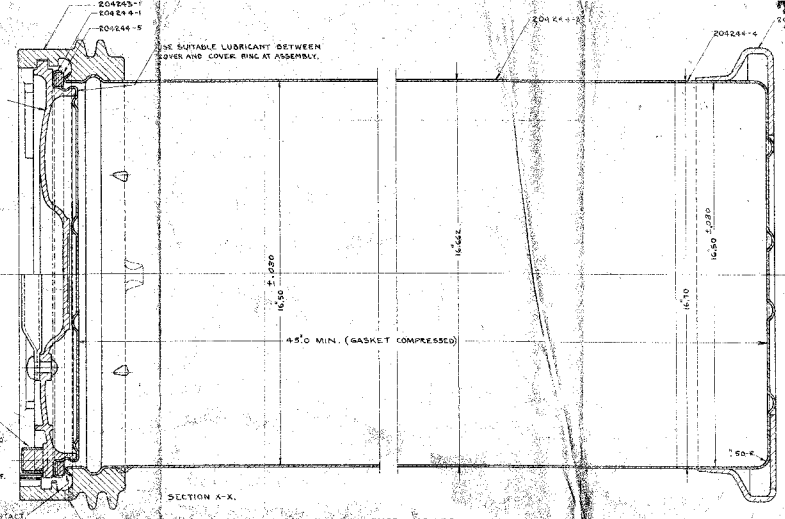
EXAMINED	DATE
OFFICER IN CHARGE	9/20/37
OFFICER IN INSPECTION	9/20/37
PRINCIPAL ENGINEER	9/20/37
ENGINEER	9/20/37
CHECKED	9/20/37
C.B. GREENE 8-SEPT 37	
DRAWN BY	TRACED BY

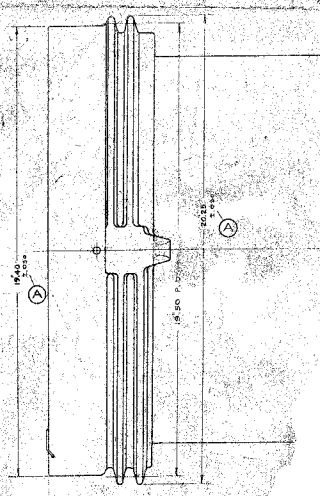
BUREAU'S FILE 7 | CLASSIFICATION GUNS | SHIP DRAWING NO. 204093

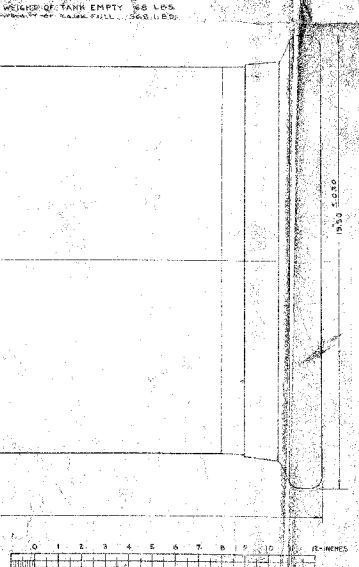
CONFIDENTIAL (C)

204241









NOTE:
FOR SPECIFICATIONS FOR PAINTING
SEE STD. No. 8-5 AND NAVY DEPT. SPECS. SE-A-1 & SE-V-15.
FOR SPECIFICATIONS FOR MANUFACTURE AND INSPECTION SEE OD.675.
FOR LIST OF DRAWINGS, SEE SHETCH No. 58187.
FOR TOLERANCE ON DIMENSIONS SEE DETAIL DRAWINGS.

PARTS NO.	NOMENCLATURE	FOR PROD.	MATERIAL AND SPECIFICATION REQ'D.	NO. REQ'D PER A.
NO REQ'D ARE FOR				

DRAWING		
LT	NUMBER	DATE
	3259	6-7-38

16IN POWDER TANK MK. III
(FOR 3 POWDER BAGS - 16"-45 CAL. GUN)

GENERAL ARRANGEMENT

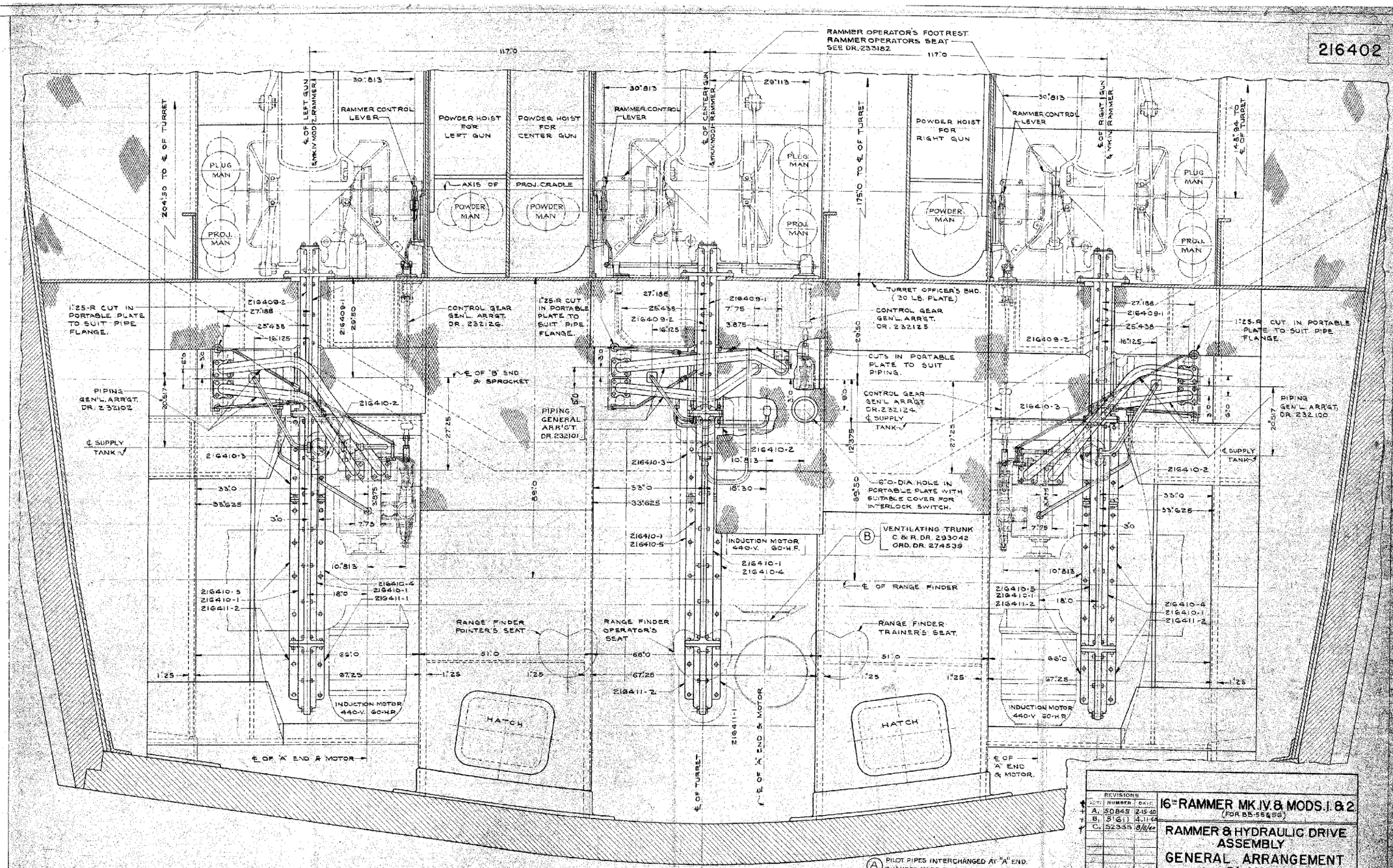
SCALE, ½

NAVY DEPARTMENT
BUREAU OF ORDNANCE
WASHINGTON, D. C.

June 20 1938

F. Williams
CHIEF OF BUREAU

DRAWN BY			
TRACED BY			
CHECKED BY			
CHECKED BY			
CHECKED BY			
CHECKED BY			
CHECKED BY			
SUBMITTED BY			
SUBMITTED BY			
SUBMITT



NOTE -
FOR LIST OF DRAWINGS, MK. IV, RIGHT GUN, SEE SK. NO. 59630.
FOR LIST OF DRAWINGS, MK. IV MOD 1, CENTER GUN, SEE SK. NO. 59631.
FOR LIST OF DRAWINGS, MK. IV MOD 2, LEFT GUN, SEE SK. NO. 59632.
FOR RAMMER & HYDRAULIC DRIVE GENERAL ARRANGEMENT, ELEVATION, SEE DRAWINGS 216404, 216405 & 216406.
FOR RAMMER & HYDRAULIC DRIVE GENERAL ARRANGEMENT, SECTIONS, SEE DR. NO. 216403.
FOR RAMMER GENERAL ARRANGEMENT, ELEVATION, SEE DR. NO. 216400.
FOR RAMMER GENERAL ARRANGEMENT, SECTIONS, SEE DR. NO. 216401.

NOTE:-
ALL BOLTS AND LINERS FOR SECURING ORDNANCE WORK TO THE SHIP'S STRUCTURE TO BE FURNISHED BY THE PARTIES INSTALLING THE WORK.

(A) PILOT PIPES INTERCHANGED AT "A" END. CHANGES MADE BY ERASURE.

(C) RELOCATED SUPPLY TANKS. RELOCATED CONTROL LEVERS. CHANGES MADE BY ERASURE ADDED SEAT & FOOT REST FOR RAMMER OPERATOR.

0 10 20 30 40 INCHES
SCALE = 1/12 = 1/12 x 1 FT.

REVISIONS		
SYM.	NUMBER	DATE
A	50845	2-15-40
B	5161	4-11-40
C	52355	8/8/40

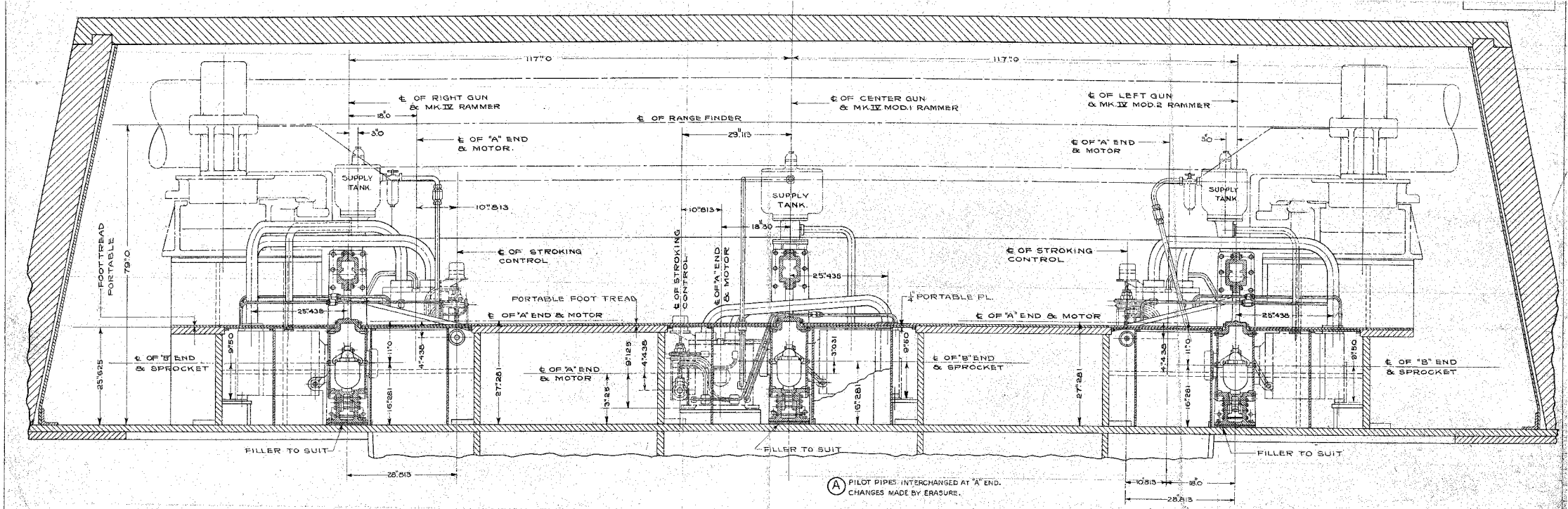
EXAMINED — DATE 9/8/39
PRODUCTION INSPECTOR — 4 OUT
DESIGN ENGINEER
CHECKED — 9/8/39
ALUMINUM MODEL
1ST DRAWING 8-1-38
7-28-39 INDEX
JOB ORDER 7802-6

16"RAMMER MK.IV & MODS.1 & 2
(FOR BB-55 & 56)

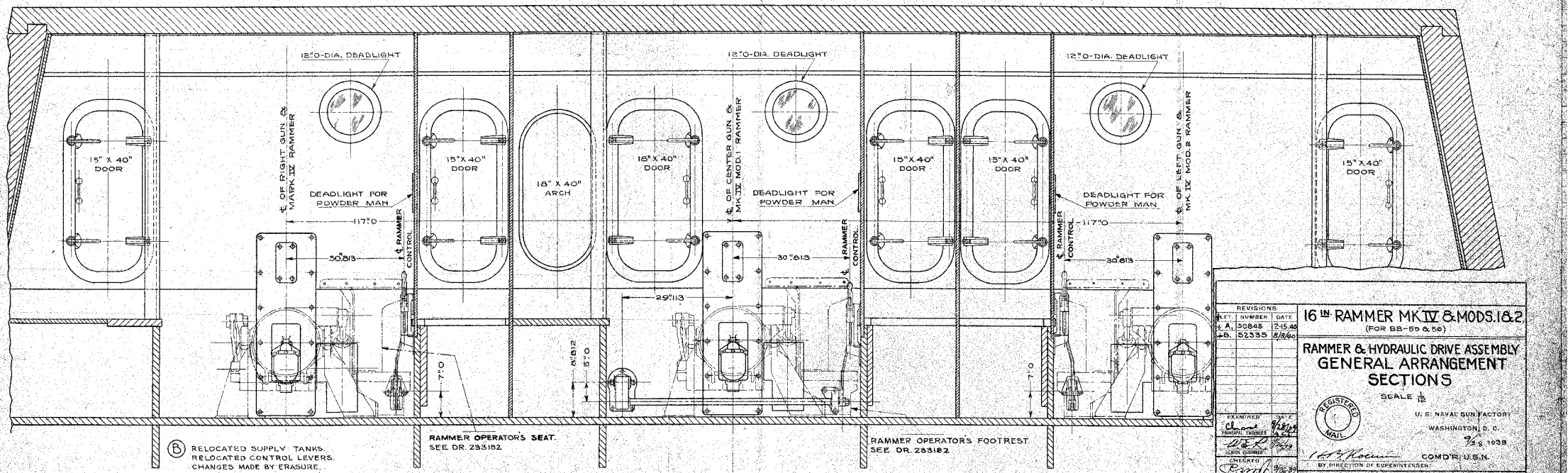
RAMMER & HYDRAULIC DRIVE ASSEMBLY
GENERAL ARRANGEMENT PLAN

SCALE 1/12
U. S. NAVAL GUN FACTORY
WASHINGTON, D. C.
9/8 1939
CDR. U.S.N.
BY DIRECTION OF SUPERINTENDENT

BUREAU'S DIV. — CLASSIFICATION — DRAWING NO.
S-72 / 55 (193) — ASSEMBLIES — 216402



(A) PILOT PIPES INTERCHANGED AT "A" END.
CHANGES MADE BY ERASURE.



(B) RELOCATED SUPPLY TANKS.
RELOCATED CONTROL LEVERS.
CHANGES MADE BY ERASURE.
ADDED SEAT & FOOT REST FOR RAMMER OPERATOR.

0 10 20 30 40 INCHES
SCALE 1/12 1'0" = 1 FT.

RAMMER MK IV LIST SK.- 59630
" " MK IV-1 " " 59631
" " MK IV-2 " " 59632

REVISIONS		
LET.	NUMBER	DATE
A.	50845	2-15-40
B.	52335	8/8/40

EXAMINED — PRINCIPAL ENGINEER — DATE 9/28/39
SENIOR ENGINEER — DATE 9/28/39
CHECKED — DATE 9/28/39
DRAWN BY SHAWEN 8-15-39 — TRACED SCULLY 8-24-39
JOB ORDER 7602-G

16 IN. RAMMER MK IV & MODS. 1 & 2
(FOR BB-55 & 56)

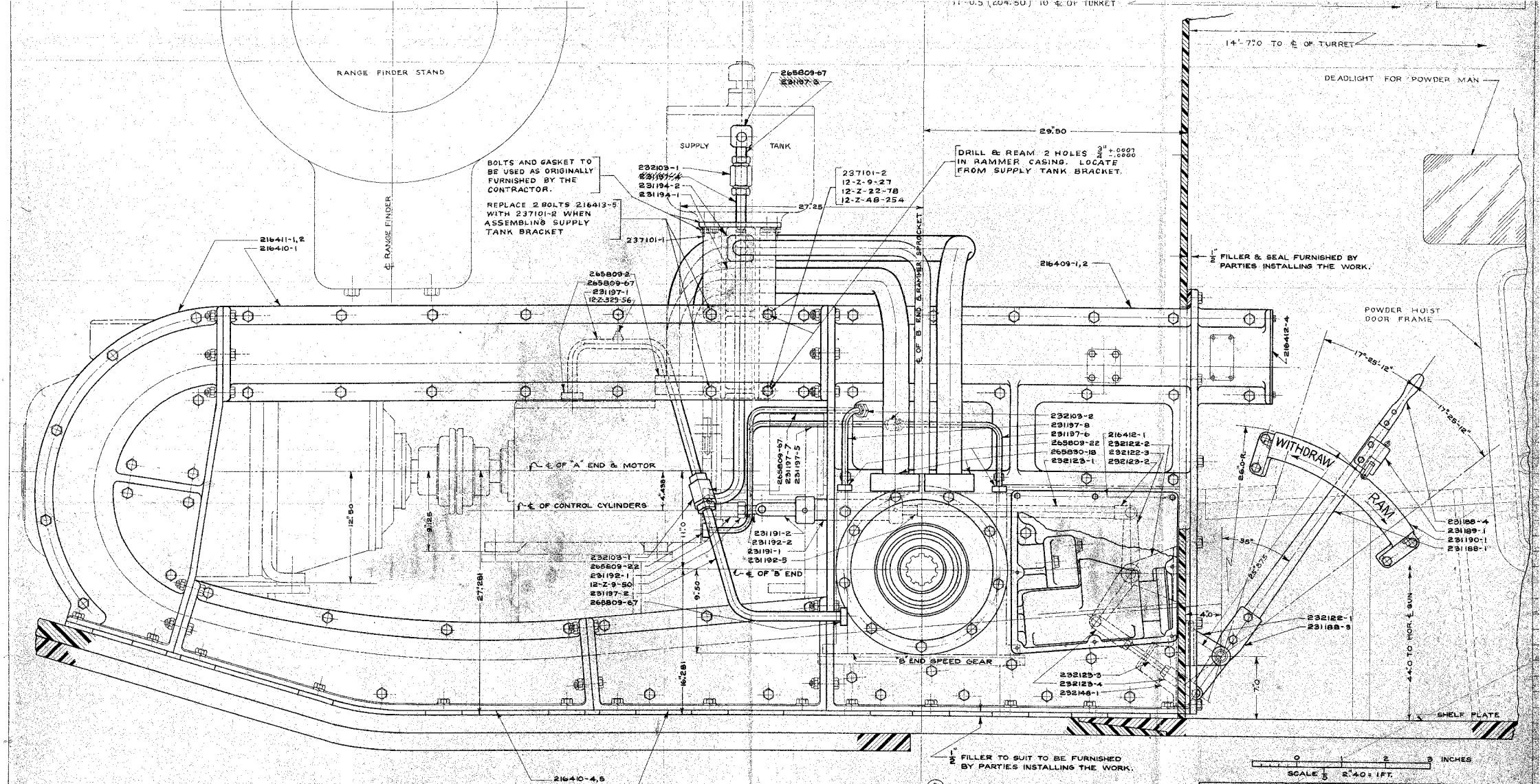
RAMMER & HYDRAULIC DRIVE ASSEMBLY GENERAL ARRANGEMENT SECTIONS

SCALE 1/12

REGISTERED MAIL

U. S. NAVAL GUN FACTORY
WASHINGTON, D. C.
9 SEP 1939
COMD'R, U.S.N.
BY DIRECTION OF SUPERINTENDENT

BUREAU'S FILE — CLASSIFICATION — DRAWING NO.
N. G. F. FILE 5-7-6 SB (23)
ASSEMBLIES 216403



(A) PILOT PIPES INTERCHANGED AT "A" END. CHANGES MADE BY ERASURE.

NOTE: FOR LIST OF DRAWINGS SEE SK. NO. 59630

(B) RELOCATED SUPPLY TANK AND CONTROL LEVER. CHANGES MADE BY ERASURE

REVISIONS		
LET.	NUMBER	DATE
A	50845	2-15-40
B	52335	8/4/40

EXAMINED — PRINCIPAL FOREMAN — DATE 7/4/39
SENIOR ENGINEER — 7/5/39
CHECKED — 7/25/39
KAUFFMANN & WILDER — DRAWN BY — 7-17-39
SHAWEN — TRACED — N. & T. FILE
JOB ORDER 7802-G — 9-72/B8(49)

16 IN. RAMMER MK. IV

RAMMER & HYDRAULIC DRIVE ASSEMBLY
GENERAL ARRANGEMENT ELEVATION

SCALE = 5

REGISTERED MAIL

U. S. NAVAL GUN FACTORY
WASHINGTON, D. C.
7/23 1939

COMDR., U.S.N.
BY DIRECTION OF SUPERINTENDENT

SUBJECT & FILE — CLASSIFICATION — DRAWING NO.
ASSEMBLIES 216404

TRAINING BRAKE L.H. FURNISHED BY WATERBURY TOOL CO.

TRAINING GEAR OIL EXPANSION TANK FURNISHED BY WATERBURY TOOL CO.

WATERBURY TOOL CO.

ELEVATING GEAR OIL EXPANSION TANK (CENTER GUN) FURNISHED BY WATERBURY TOOL CO.

ELEVATING GEAR OIL EXPANSION TANK (R.H. GUN) FURNISHED BY WATERBURY TOOL CO.

ELEVATING GEAR OIL EXPANSION TANK FURNISHED BY WATERBURY TOOL CO.

35"0 — 35"0

37"725 — 12"0 — 6"0

38"0 — 6"0 — 12"0

℄ OF TRUNNION

16"0

POWER FAILURE VALVE (ELEV.) FURNISHED BY WATERBURY TOOL CO.

POWER FAILURE VALVE (TRAIN) FURNISHED BY WATERBURY TOOL CO.

POWER FAILURE VALVE (ELEV.) FURNISHED BY WATERBURY TOOL CO.

POWER FAILURE VALVE (ELEV.) FURNISHED BY WATERBURY TOOL CO.

7"0 — "50

12"0 — "50

12"0 — "50

1"625

SPEED GEAR "B" END (ELEV.) FURNISHED BY WATERBURY TOOL CO.

20"0

20"0

SPEED GEAR "B" END (ELEV.) FURNISHED BY WATERBURY TOOL CO.

20"0

SPEED GEAR "B" END (ELEV.) FURNISHED BY WATERBURY TOOL CO.

1"625

1"625

℄ OF OSCILLATING BEARING

128"0

73"25

FOR GENERAL ARR'GT OF OSCILLATING BEARING SEE DR. NO. 218425

SPEED GEAR "B" END (TRAINING) WITHOUT RESPONSE FURNISHED BY WATERBURY TOOL CO.

FOR GENERAL ARR'GT OF OSCILLATING BEARING SEE DR. NO. 216424

SPEED GEAR "B" END (TRAINING) WITH RESPONSE FURNISHED BY WATERBURY TOOL CO.

FOR GENERAL ARR'GT OF OSCILLATING BEARING SEE DR. NO. 216424

℄ OF RIGHT HAND GUN

SEE DR. NO. 231624

℄ OF TURRET

SEE DR. NO. 231625

117"0

117"0

1"25

℄ OF LEFT HAND GUN

E — SEE DR. NO. 231629

℄ OF SPEED GEAR "B" END (TRAIN.)

D — SEE DR. NO. 232109

℄ OF TURRET AND CENTER GUN

C — SEE DR. NO. 231628

℄ OF SPEED GEAR "B" END (TRAIN.)

B — SEE DR. NO. 231627

A — SEE DR. NO. 231626

1"25 — 1"625 — 1"625 — 33"4375 — 33"625 — 1"25 — 1"625

23"4375 — 23"4375 — 23"625 — 23"4375

33"625 — 33"4375 — 58"50 — 58"50 — 33"4375 — 33"625

SECTION TAKEN 36"0 ABOVE THE PAN FLOOR

NOTE:
FOR LIST OF DRAWINGS OF:
16 IN. ELEVATING GEAR MK. IV MOD. 3, SEE SK. NO. 61861.
16 IN. ELEVATING GEAR MK. IV MOD. 4, SEE SK. NO. 61862.
16 IN. ELEVATING GEAR MK. IV MOD. 5, SEE SK. NO. 61863.
16 IN. TRAINING GEAR MK. I MOD. 1, SEE SK. NO. 61885.
FOR GENERAL ARRANGEMENT, PLAN VIEW ELECTRIC DECK, SEE DR. NO. 231623.
FOR GENERAL ARRANGEMENT, TRANSVERSE SECTION LOOKING FORWARD, SEE DR. NO. 231624.
FOR GENERAL ARRANGEMENT, TRANSVERSE SECTION LOOKING TO REAR, SEE DR. NO. 231625.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION R.H. GUN, SEE DR. NO. 231626.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION R.H. BOX GIRDER, SEE DR. NO. 231627.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION CENTER GUN, SEE DR. NO. 231628.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION L.H. GUN, SEE DR. NO. 231629.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION L.H. BOX GIRDER, SEE DR. NO. 232109.

0 10 20 30 40 INCHES
SCALE - 1/12 1"0 = 1 FT.

REVISIONS		
LET.	NUMBER	DATE

16 IN. ELEV. GEAR MK. IV MODS. 3, 4 & 5
16 IN. TRAINING GEAR MK. I MOD. 1

GENERAL ARRANGEMENT PLAN VIEW PAN FLOOR

SCALE: 1/12

REGISTERED MAIL

U. S. NAVAL GUN FACTORY
WASHINGTON, D. C.
28 MAR 1940

COMDR., U.S.N.
BY DIRECTION OF SUPERINTENDENT

EXAMINED	DATE
PRINCIPAL ENGINEER	3/28/40
SENIOR ENGINEER	3/29/40
CHECKED	3/30/40

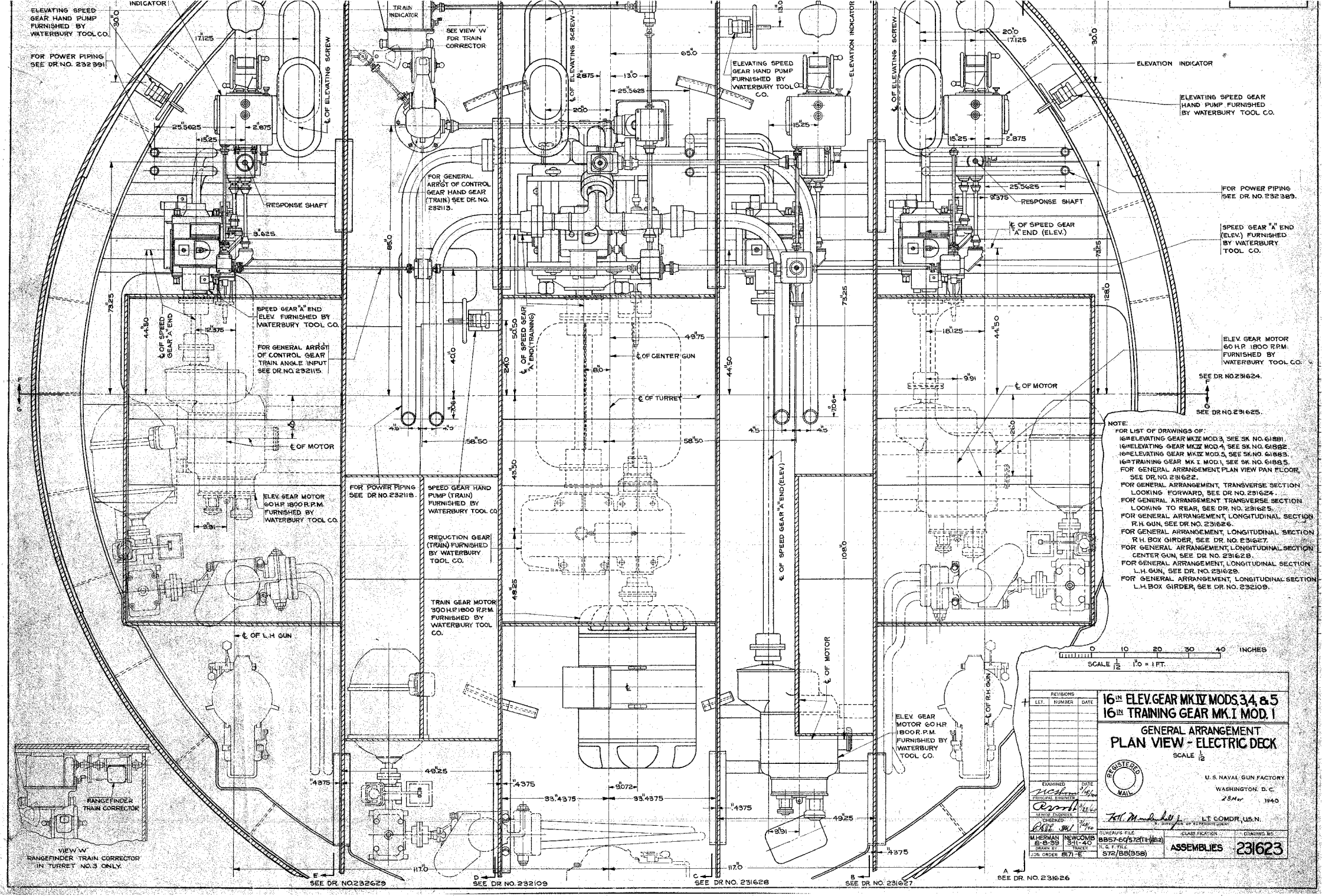
M. HERMAN	MEEKINS
6-22-39	1-17-40
DRAWN BY	TRACER

JOB ORDER 8171-E & W

BUREAU'S FILE BB57-60/S72(T11-1)(E12)
N. G. F. FILE S72/BB(358)

CLASSIFICATION: ASSEMBLIES

DRAWING NO. 231622



NOTE:
FOR LIST OF DRAWINGS OF:
16" ELEVATING GEAR MK. IV MOD. 3, SEE SK. NO. 61881.
16" ELEVATING GEAR MK. IV MOD. 4, SEE SK. NO. 61882.
16" ELEVATING GEAR MK. IV MOD. 5, SEE SK. NO. 61883.
16" TRAINING GEAR MK. I MOD. 1, SEE SK. NO. 61885.
FOR GENERAL ARRANGEMENT, PLAN VIEW PAN FLOOR, SEE DR. NO. 231622.
FOR GENERAL ARRANGEMENT, TRANSVERSE SECTION LOOKING FORWARD, SEE DR. NO. 231624.
FOR GENERAL ARRANGEMENT TRANSVERSE SECTION LOOKING TO REAR, SEE DR. NO. 231625.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION R.H. GUN, SEE DR. NO. 231626.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION R.H. BOX GIRDER, SEE DR. NO. 231627.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION CENTER GUN, SEE DR. NO. 231628.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION L.H. GUN, SEE DR. NO. 231629.
FOR GENERAL ARRANGEMENT, LONGITUDINAL SECTION L.H. BOX GIRDER, SEE DR. NO. 232109.

REVISIONS		
LET.	NUMBER	DATE

EXAMINED — PRINCIPAL ENGINEER — DATE 3/28/40
MINOR ENGINEER — DATE 3/28/40
CHECKED — DATE 3/28/40
DRAWN BY: M. HERMAN 8-8-39
TRACED: NEWCOMB 3-11-40
JOB ORDER 8171-E

16" ELEV. GEAR MK. IV MODS. 3, 4, & 5
16" TRAINING GEAR MK. I MOD. 1

GENERAL ARRANGEMENT
PLAN VIEW - ELECTRIC DECK

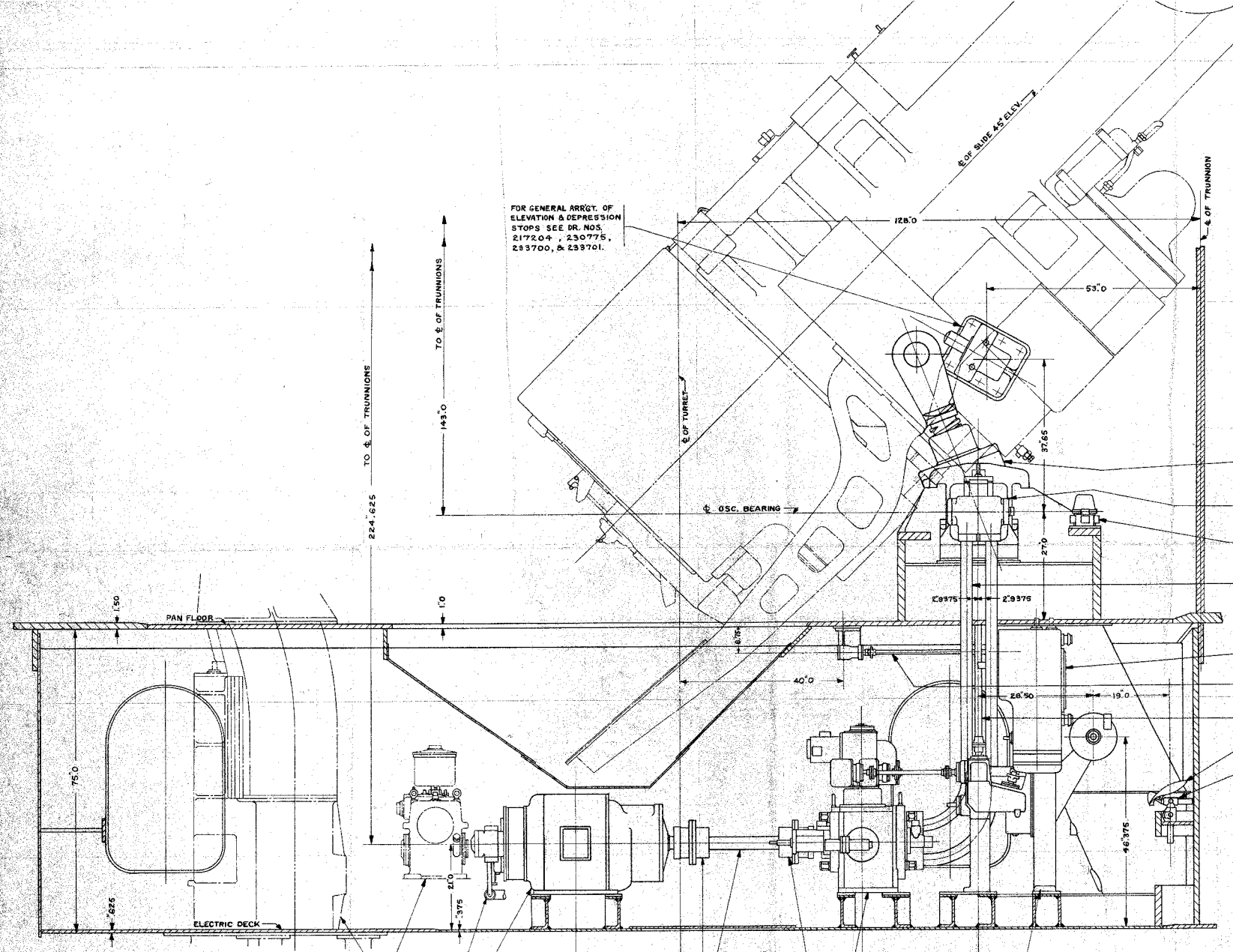
SCALE 1/12

REGISTERED MAIL

U. S. NAVAL GUN FACTORY
WASHINGTON, D. C.
28 Mar 1940

L.T. COMDR., U.S.N.
A. DIRECTOR OF SUPPORTS (GUN)

BUREAU'S FILE: BB57-60/572(TI-VE12)
N. G. F. FILE: 572/BB(358)
CLASSIFICATION: ASSEMBLIES
DRAWING NO. 231623



NOTE:
FOR LIST OF DRAWINGS OF:
16 IN ELEVATING GEAR MK. IV MOD. 3
SEE SK. NO. 61881.
FOR GENERAL ARRANGEMENT, PLAN VIEW PAN FLOOR, SEE DR. NO. 231622.
FOR GENERAL ARRANGEMENT, PLAN VIEW ELECTRIC DECK, SEE DR. NO. 231623
FOR GENERAL ARRANGEMENT, TRANSVERSE SECTION LOOKING FORWARD, SEE DR. NO. 231624.
FOR GENERAL ARRANGEMENT, TRANSVERSE SECTION LOOKING TO REAR SEE DR. NO. 231625.

0 10 20 30 40 INCHES
SCALE 1/12 1.0 = 1 FT.

REVISIONS		
LET.	NUMBER	DATE

16 IN. ELEV. GEAR MK. IV MOD. 3.

GENERAL ARRANGEMENT LONGITUDINAL SECTION

(R.H. GUN)

SCALE: 1/12

REGISTERED MAIL

U. S. NAVAL GUN FACTORY
WASHINGTON, D.C.
28 Mar. 1940

LT. COMDR., U.S.N.
BY DIRECTION OF SUPERINTENDENT

EXAMINED	DATE
PRINCIPAL ENGINEER	3/16/40
SENIOR ENGINEER	3/26/40
CHECKED	3/29/40

DRAWN BY	TRACER
M. HERMAN 8-11-39	MCADAMS 1-23-40

JOB ORDER B171-E

BUREAU'S FILE	CLASSIFICATION	DRAWING NO.
BB57-60/572(TH)(E-12)	ASSEMBLIES	231626
N. G. F. FILE 572/BB (358)		