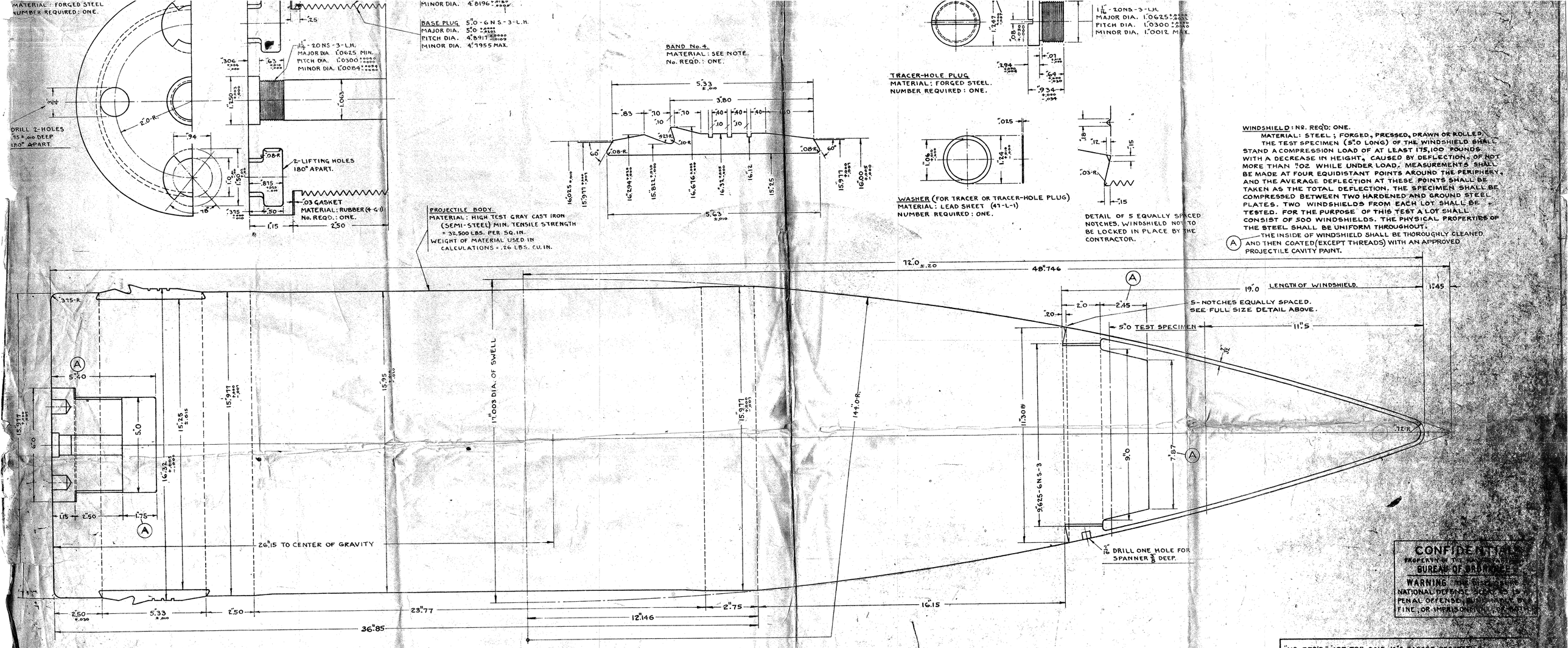


NOTE:

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	15.25	.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	42.68
BASE PLUG	20.52
WINDSHIELD	33.29
TRACER MK. VI	.47
GASKETS	.10
PROJECTILE COMPLETE	2700.00 ± 7.0 LBS.

NOTED		
DESK	OFFICER	DATE
D		7/9/37
F		7/8/37
K		7/9/37
R		7/12/37

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

REVISIONS		
LET.	NUMBER	DATE
A8	3692	8-31-39

EXAMINED	DATE
OFFICER IN CHARGE	7/6/37
OFFICER OF SECTION	7/8/37
PRINCIPAL ENGINEER	7/9/37
E.C.O.M.	8/1/37
CHIEF ENGINEER	8/2/37
CHECKED: E.C.O.M.	8/2/37
Sheppard May 19 1937	
DRAWN BY	TRACED BY

16IN TARGET PROJECTILE MK. IX

(4.50 CAL. M2700 LBS.)

REQUISITION SHEET

(PAPER IN ENVELOPE (A))

SCALE: 2:1

NAVY DEPARTMENT
BUREAU OF ORDNANCE
WASHINGTON

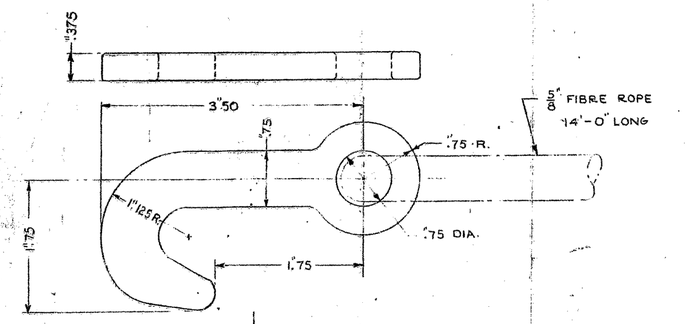
BUREAU'S FILE

JOB ORDER

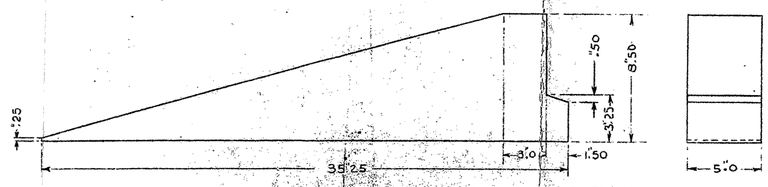
AMMUNITION

209207

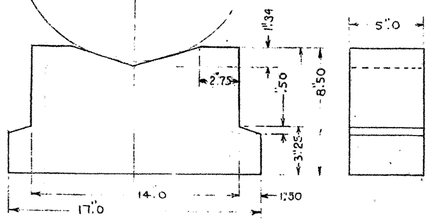
Sk. No. 140109



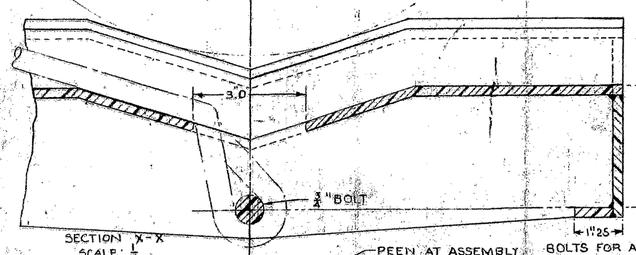
DETAIL-"A" 2-REQ'D.
SCALE: 1/1



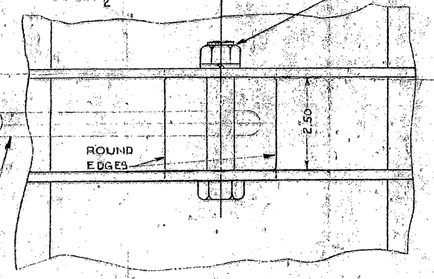
SKID BLOCK
HARDWOOD
2-REQUIRED

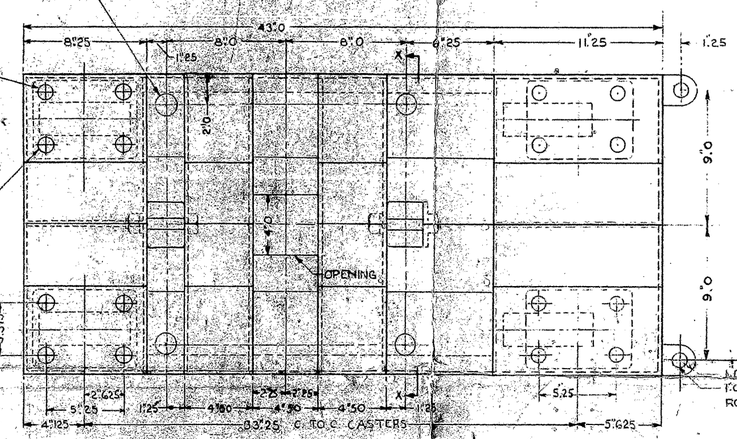


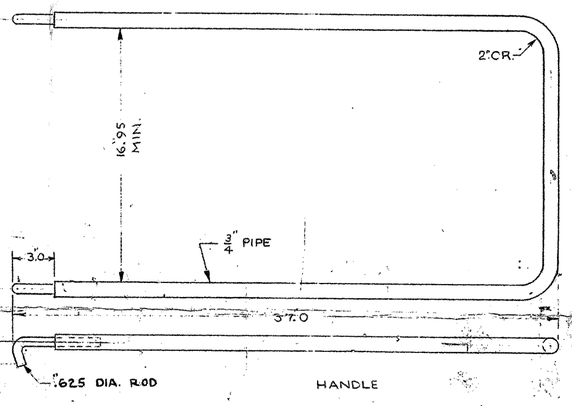
CHOCK BLOCK
HARDWOOD
NUMBER PROVIDED TO
SUIT SHIPS' REQUIREMENTS.

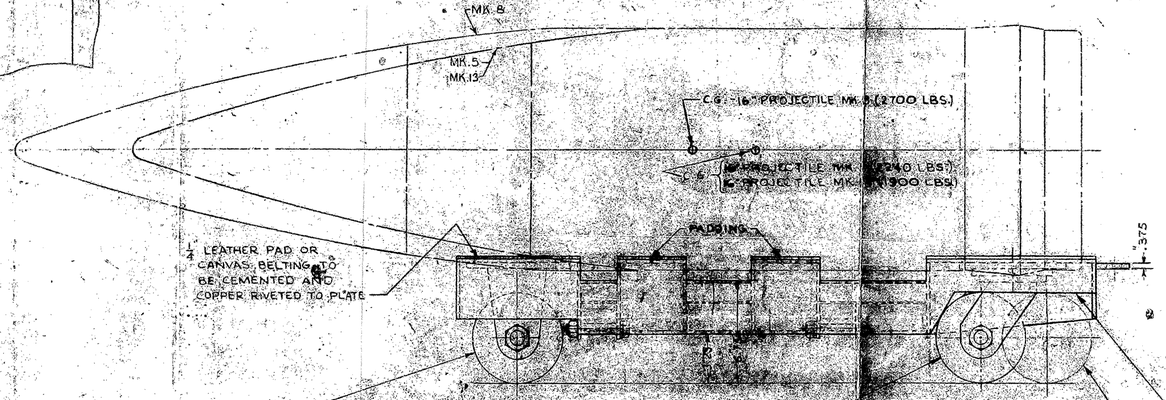


SECTION X-X
SCALE: 1/2

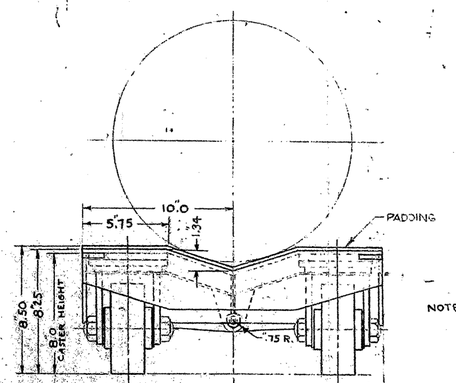


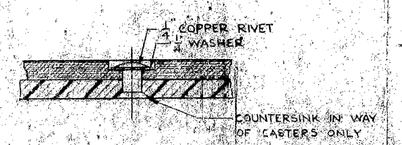






FIBRE ROPE 14'-0" LONG
TO BE FASTENED TO 3/4" BOLT
WITH THIMBLE AND ROPE SPLICE.
TO BE PROVIDED BY SHIP IF DESIRED.





SECTION SHOWING METHOD
OF RIVETING PADDING TO
TRUCK PLATE.
SCALE: 1/1

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

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

EXAMINED		
SECTION	OFFICER OF SECTION	DATE
PLANNING ENGINEERING		9/25/44
DESIGN		9-29-44
CHIEF ENGINEER		9/29/44
HEAD ENGINEER		9/28/44
PRINCIPAL ENGINEER		
SENIOR ENGINEER		9/27/44

CHECKED		
T.E.D. 9-27-44		
ENGINEER	ENGR. (INITIL)	
DRAWN BY MANDELSON	DATE 8-22-44	JOB ORDER 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'S 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.

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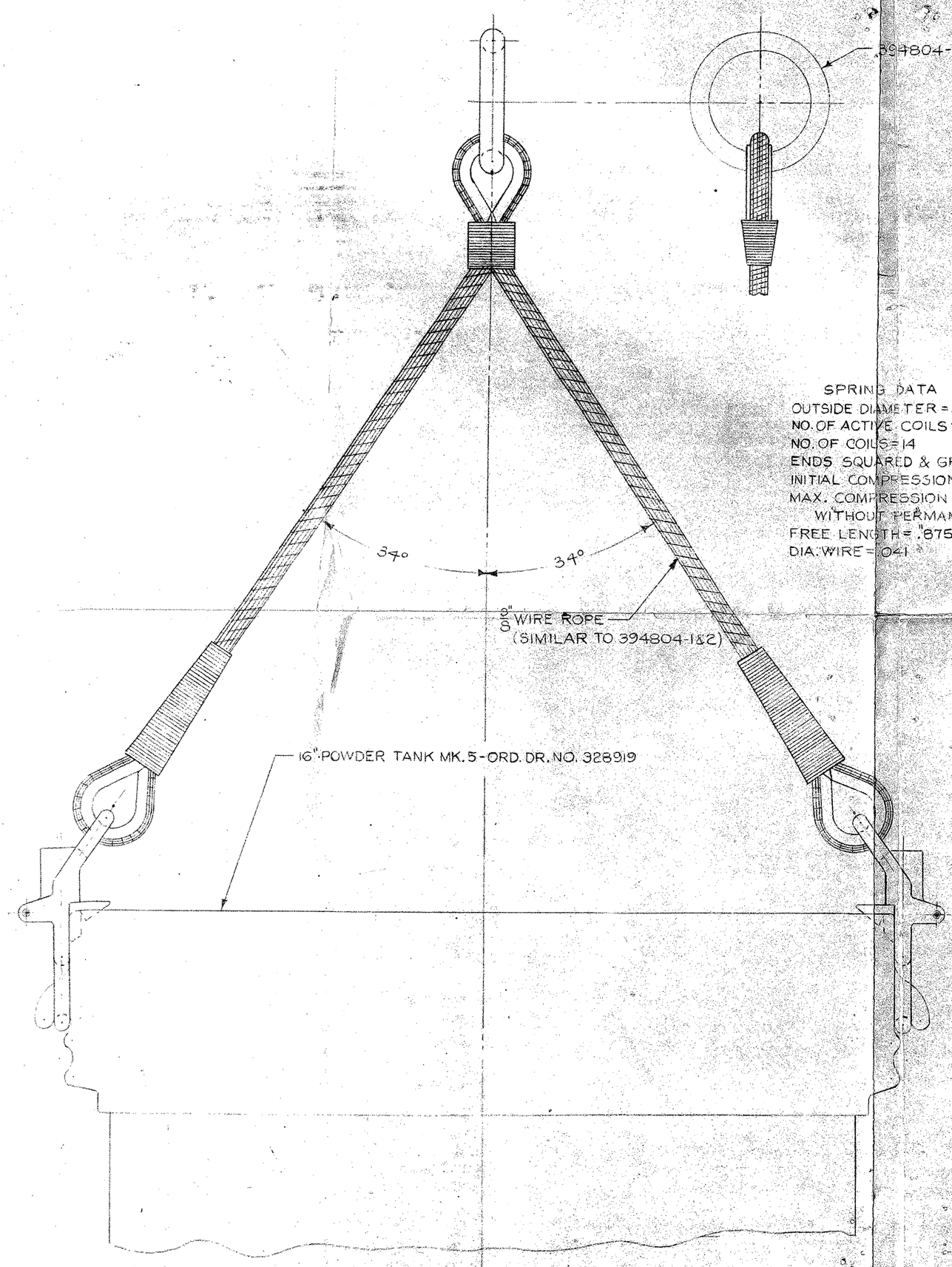
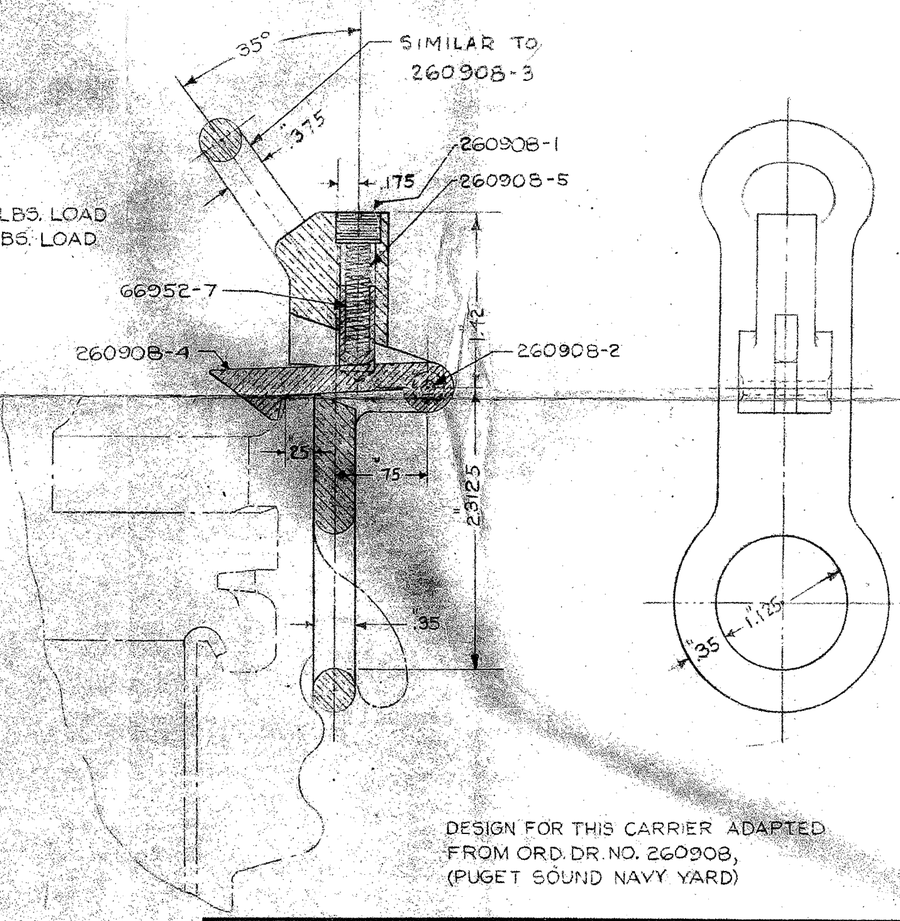
Sk. No. 140122



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]	12/13/44
DESIGN	[illegible]	12/13/44
CHIEF ENGINEER	PHS	12-13-44
HEAD ENGINEER	[illegible]	12/13/44
PRINCIPAL ENGINEER		
SENIOR ENGINEER	[illegible]	12/13/44

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

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

GENERAL ARRANGEMENT

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

NAVY DEPARTMENT
BUREAU OF ORDNANCE
WASHINGTON, D. C.

13 DECEMBER, 1944

M. R. Kelley
BY DIRECTION OF THE CHIEF OF BUREAU

BUREAU'S FILE	CLASSIFICATION	ORD. SKETCH NO.
JOB ORDER 5353	ACCESSORIES	140122

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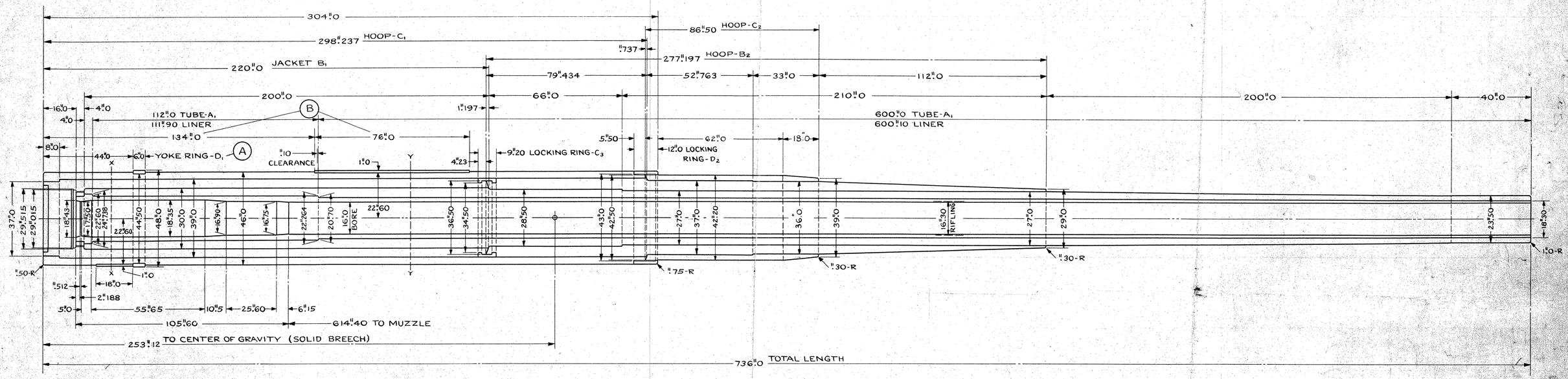
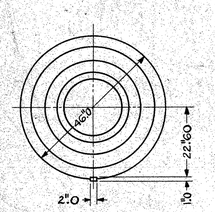
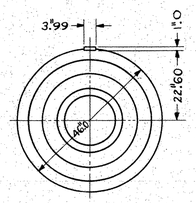
204093





SECTION "X-X"



SECTION "Y-Y"

10 0 10 20 30 40 50 60 70 80 90 100 120 140 160 180 200 INCHES.

SCALE $\frac{1}{24}$ ($\frac{1}{2}$" = 1'-0")

NOTE:

WEIGHT OF GUN (BREECH SOLID) = 192310 LBS. = 85.85 TONS
FOR LIST OF DRAWINGS, SEE SK. NO. 58101.

BORE TO BE CHROME PLATED FOR A DISTANCE OF 625".0 ± 2".0 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 PER PC.
"NO. REQ'D." ARE FOR				

16" GUN MARK VI · MOD I · 45 CALS

REVISIONS

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

16 IN GUN MARK VI
(45 CALS.)

GENERAL ARRANGEMENT

SCALE : $\frac{1}{24}$

REGISTERED MAIL

NAVY DEPARTMENT
BUREAU OF ORDNANCE
WASHINGTON, D. C.

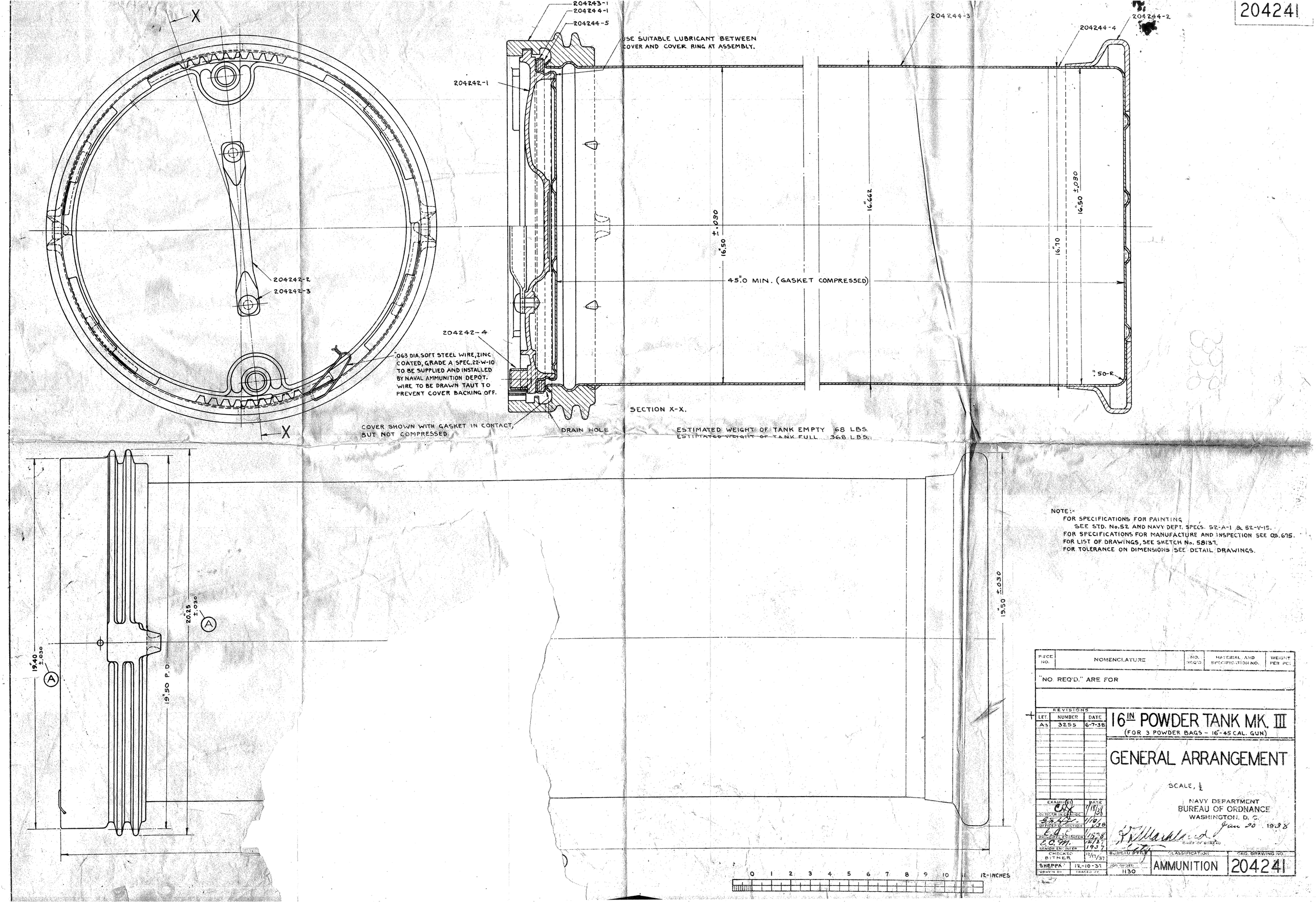
W. W. Marland Sept. 24, 1937
CHIEF OF BUREAU

		DATE
EXAMINED		9/22/37
OFFICER IN CHARGE		
OFFICER OF SECTION		9/20/37
PRINCIPAL ENGINEER		9/20/37
ENGINEER		9/17/37
CHECKED		9/17/37
DRAWN BY C.B. GREEN	TRACED BY 8-SEPT-'37	JOB ORDER

BUREAU'S FILE	CLASSIFICATION	ORD. DRAWING NO.
	GUNS	204093

CONFIDENTIAL (C)

204241



NOTE:-
FOR SPECIFICATIONS FOR PAINTING
SEE STD. No. 52 AND NAVY DEPT. SPECS. 52-A-1 & 52-V-15.
FOR SPECIFICATIONS FOR MANUFACTURE AND INSPECTION SEE OD. 615.
FOR LIST OF DRAWINGS, SEE SKETCH No. 58137.
FOR TOLERANCE ON DIMENSIONS SEE DETAIL DRAWINGS.

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

REVISIONS

LET.	NUMBER	DATE
A3	3255	6-7-38

	DATE
EXAMINED: CWK	1/18/38
DIRECTOR INSPECTION	
OFFICER OF INSPECTION	1/18/38
PRINCIPAL ENGINEER	1/18/38
SENIOR ENGINEER	12/21/1937
CHECKED: BITNER	12/17/37
DRAWN BY: SHEPPA	12-10-37
TRACED BY	

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

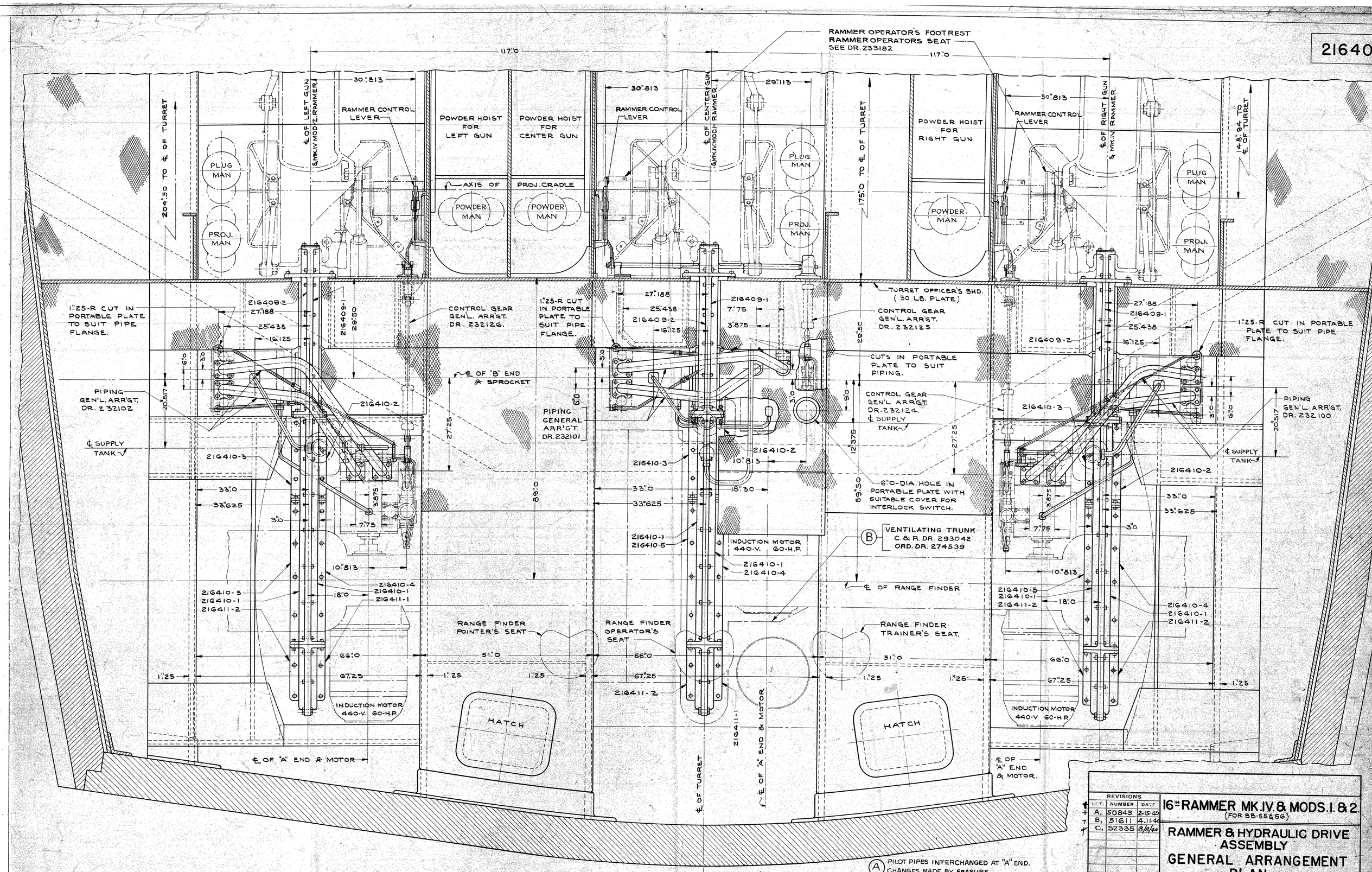
GENERAL ARRANGEMENT

SCALE, ½

NAVY DEPARTMENT
BUREAU OF ORDNANCE
WASHINGTON, D. C.
Jan 20 1938
CHIEF OF BUREAU

BUREAU SERIAL
JOB ORDER 1130
CLASSIFICATION: AMMUNITION
GRD. DRAWING NO. 204241

216402



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.

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

(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.

REVISIONS		
LET.	NUMBER	DATE
A,	50845	2-15-40
B,	51611	4-11-40
C,	52335	8/8/40

EXAMINED	DATE
PRINCIPAL ENGINEER	9/26/39
SENIOR ENGINEER	9/26/39
CHECKED	9/26/39
L. A. KAUFFMAN, B.T. SHAWEN	VOGEL, 8-11-39
7-28-39	TRACER
JCB ORDER 7802-G.	

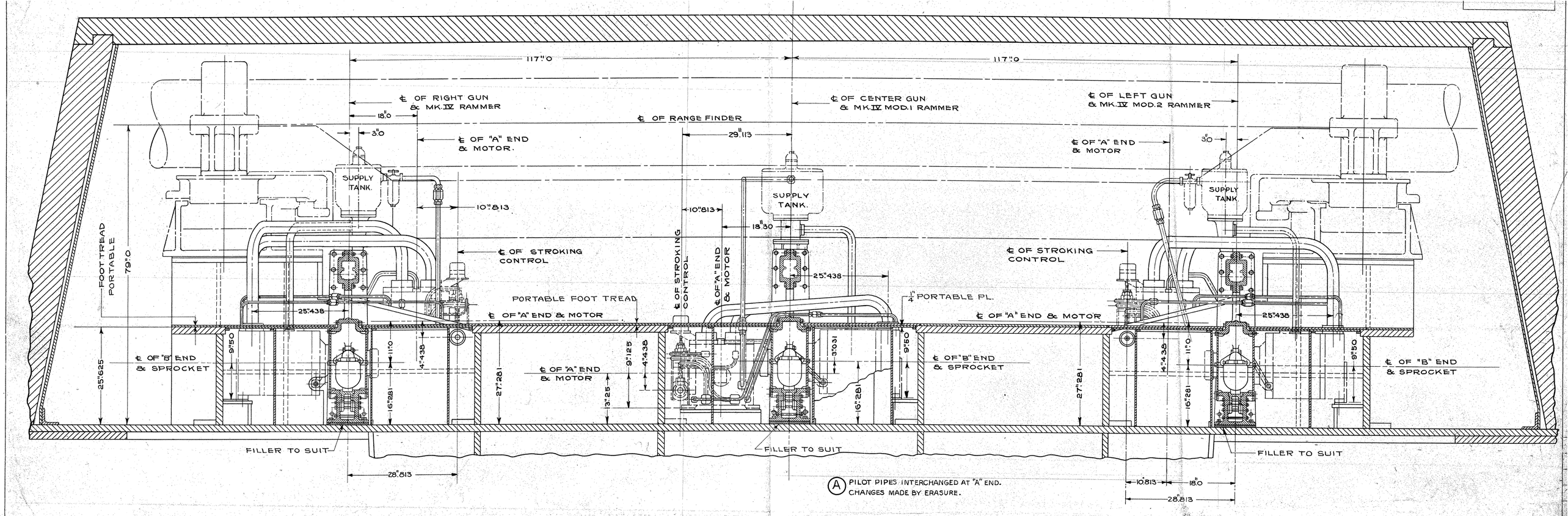
16"/50 RAMMER MK. IV. & MODS. I. & 2.
(FOR BB-55 & 56)

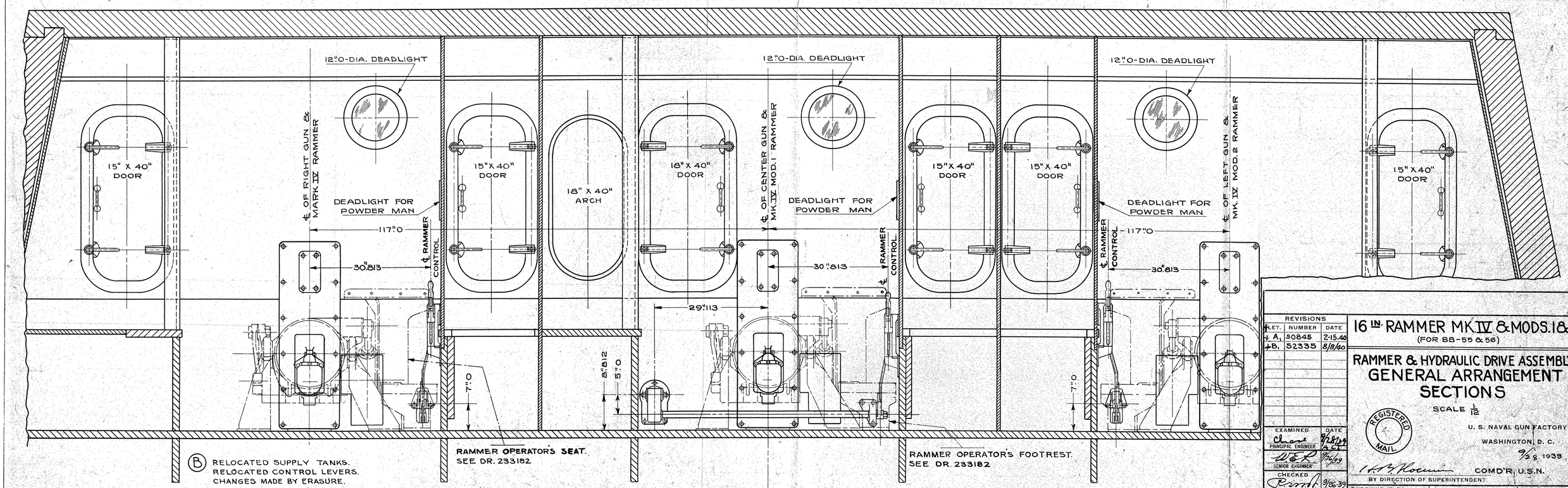
RAMMER & HYDRAULIC DRIVE ASSEMBLY
GENERAL ARRANGEMENT PLAN

SCALE 1/12
U. S. NAVAL GUN FACTORY
WASHINGTON, D. C.
8/28 1939
COMD'R., U.S.N.
BY DIRECTION OF SUPERINTENDENT

REGISTERED MAIL

BUREAU'S FILE	CLASSIFICATION	DRAWING NO.
N.G.F. FILE S-72 / BB (163)	ASSEMBLIES	216402





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

EXAMINED	DATE
PRINCIPAL ENGINEER	9/28/39
SENIOR ENGINEER	9/26/39
CHECKED	9/26/39
DRAWN BY: I. SHAWEN 8-15-39	TRACER: 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

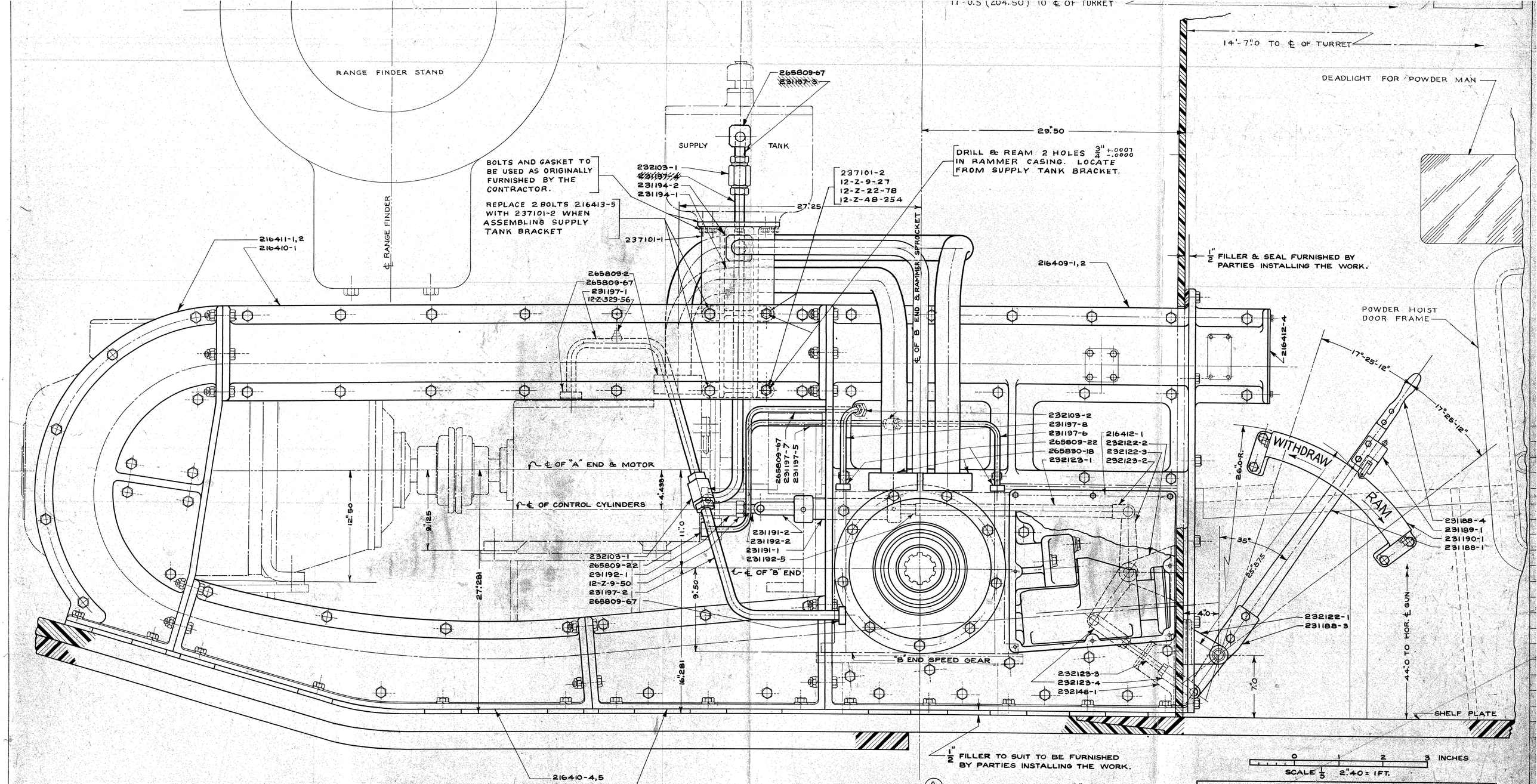
SCALE 1/12

REGISTERED MAIL

U. S. NAVAL GUN FACTORY
WASHINGTON, D. C.
9/28 1939

COMD'R, U.S.N.
BY DIRECTION OF SUPERINTENDENT

BUREAU'S FILE	CLASSIFICATION	DRAWING NO.
N. G. F. FILE S-72 BB (163)	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	8/8/40

EXAMINED	DATE
PRINCIPAL ENGINEER	7/27/39
SENIOR ENGINEER	7/26/39
CHECKED	7/25/39
DRAWN BY: KAUFFMAN & SHAWEN	TRACED BY: G. E. WILDER 7-17-39
JOB ORDER 7802-G	

16 IN. RAMMER MK. IV

RAMMER & HYDRAULIC DRIVE ASSEMBLY
GENERAL ARRANGEMENT
ELEVATION

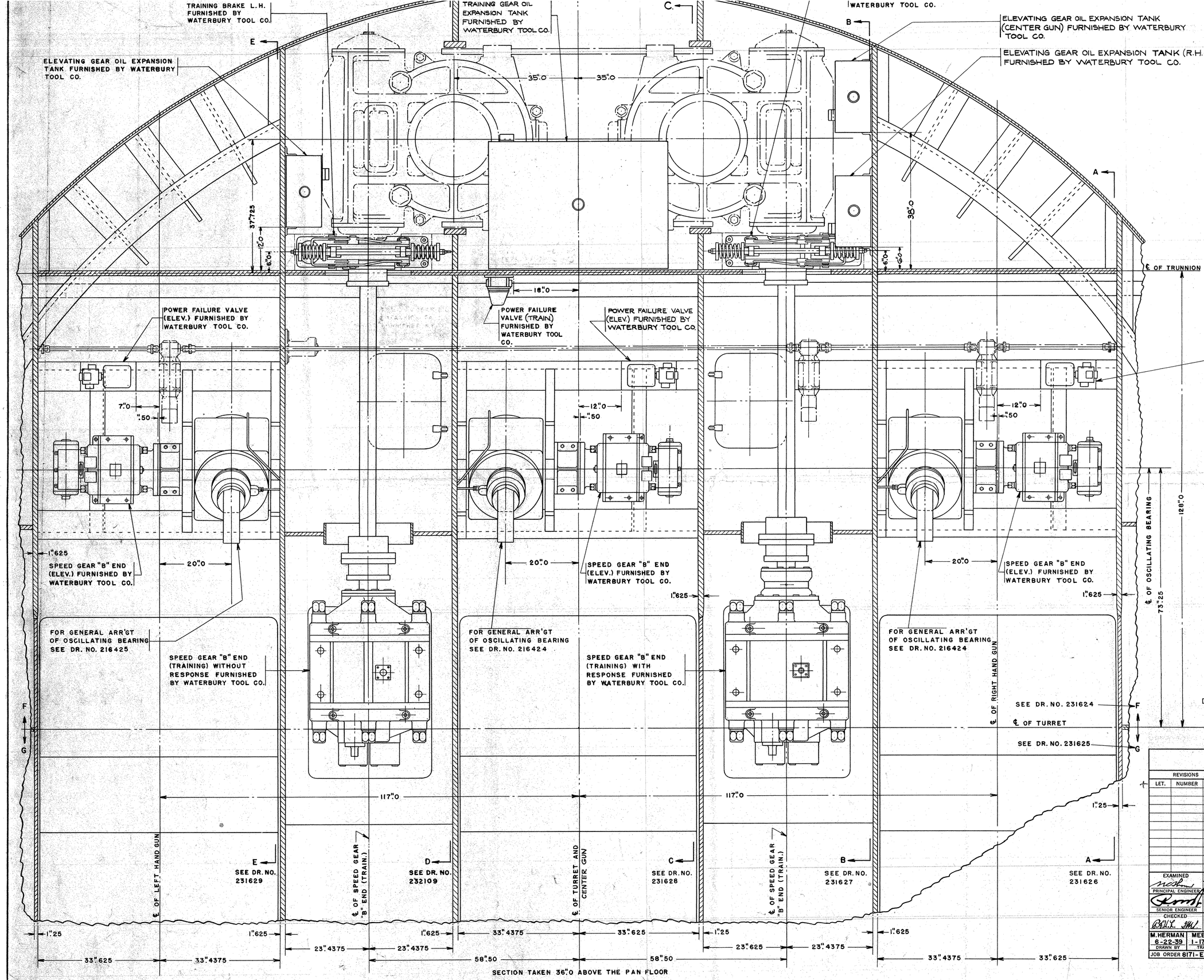
SCALE = 1/5

REGISTERED MAIL

U. S. NAVAL GUN FACTORY
WASHINGTON, D. C.
7/28 1939

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

BUREAU'S FILE	CLASSIFICATION	DRAWING NO.
N. G. F. FILE S-72/BB(163)	ASSEMBLIES	216404



NOTE:
FOR LIST OF DRAWINGS OF:
16 IN. ELEVATING GEAR MK. IV MOD. 3, SEE SK. NO. 61881.
16 IN. ELEVATING GEAR MK. IV MOD. 4, SEE SK. NO. 61882.
16 IN. ELEVATING GEAR MK. IV MOD. 5, SEE SK. NO. 61883.
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

EXAMINED		DATE
PRINCIPAL ENGINEER		3/18/40
SENIOR ENGINEER		3/28/40
CHECKED		3/20/40
M. HERMAN 6-22-39 DRAWN BY	MEEKINS 1-17-40 TRACER	
JOB ORDER 8171-E & W		

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

BUREAU'S FILE	CLASSIFICATION	DRAWING NO.
BB57-60/S72(T11-1)(E12)	ASSEMBLIES	231622
N. G. F. FILE S72/BB(358)		

ELEVATING SPEED GEAR HAND PUMP FURNISHED BY WATERBURY TOOL CO.

FOR POWER PIPING SEE DR. NO. 232391

INDICATOR

30.0

17.125

℄ OF ELEVATING SCREW

25.5625

2.875

15.25

RESPONSE SHAFT

3.625

73.25

44.50

℄ OF SPEED GEAR "A" END

12.375

SPEED GEAR "A" END ELEV. FURNISHED BY WATERBURY TOOL CO.

FOR GENERAL ARRGT OF CONTROL GEAR TRAIN. ANGLE INPUT SEE DR. NO. 232115

40.0

7.06

4.5

4.5

58.50

℄ OF MOTOR

9.91

ELEV. GEAR MOTOR 60 H.P. 1800 R.P.M. FURNISHED BY WATERBURY TOOL CO.

℄ OF L.H GUN

49.25

.4375

33.4375

117.0

E

SEE DR. NO. 232629

RANGEFINDER TRAIN CORRECTOR

VIEW "W"
RANGEFINDER TRAIN CORRECTOR IN TURRET NO. 3 ONLY.

TRAIN INDICATOR

SEE VIEW "W" FOR TRAIN CORRECTOR

65.0

13.0

25.5625

20.0

FOR GENERAL ARRGT OF CONTROL GEAR HAND GEAR (TRAIN.) SEE DR. NO. 232113.

85.0

24.0

50.50

℄ OF SPEED GEAR "A" END (TRAINING)

49.75

℄ OF CENTER GUN

8.0

℄ OF TURRET

7.06

4.5

4.5

58.50

43.50

FOR POWER PIPING SEE DR. NO. 232118.

SPEED GEAR HAND PUMP (TRAIN) FURNISHED BY WATERBURY TOOL CO.

REDUCTION GEAR (TRAIN) FURNISHED BY WATERBURY TOOL CO.

48.25

TRAIN GEAR MOTOR 300 H.P. 1800 R.P.M. FURNISHED BY WATERBURY TOOL CO.

℄

9.072

33.4375

.4375

117.0

D

SEE DR. NO. 232109

13.0

ELEVATION INDICATOR

ELEVATING SPEED GEAR HAND PUMP FURNISHED BY WATERBURY TOOL CO.

15.25

73.25

44.50

℄ OF SPEED GEAR "A" END (ELEV.)

108.0

℄ OF MOTOR

ELEV. GEAR MOTOR 60 H.P. 1800 R.P.M. FURNISHED BY WATERBURY TOOL CO.

49.25

9.91

.4375

117.0

C

SEE DR. NO. 231628

B

SEE DR. NO. 231627

20.0

17.125

30.0

ELEVATION INDICATOR

ELEVATING SPEED GEAR HAND PUMP FURNISHED BY WATERBURY TOOL CO.

15.25

2.875

25.5625

9.375

RESPONSE SHAFT

FOR POWER PIPING SEE DR. NO. 232389.

℄ OF SPEED GEAR "A" END (ELEV.)

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

73.25

128.0

18.125

44.50

ELEV. GEAR MOTOR 60 H.P. 1800 R.P.M. FURNISHED BY WATERBURY TOOL CO.

SEE DR. NO. 231624.

F

G

SEE DR. NO. 231625.

9.91

℄ OF MOTOR

12.0

℄ OF R.H. GUN

.4375

A

SEE DR. NO. 231626

NOTE:
FOR LIST OF DRAWINGS OF:
16in ELEVATING GEAR MK.IV MOD.3, SEE SK. NO. 61881.
16in ELEVATING GEAR MK.IV MOD.4, SEE SK. NO. 61882.
16in ELEVATING GEAR MK.IV MOD.5, SEE SK. NO. 61883.
16in 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.

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

REVISIONS		
LET.	NUMBER	DATE

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

GENERAL ARRANGEMENT
PLAN VIEW - ELECTRIC DECK

SCALE 1/12

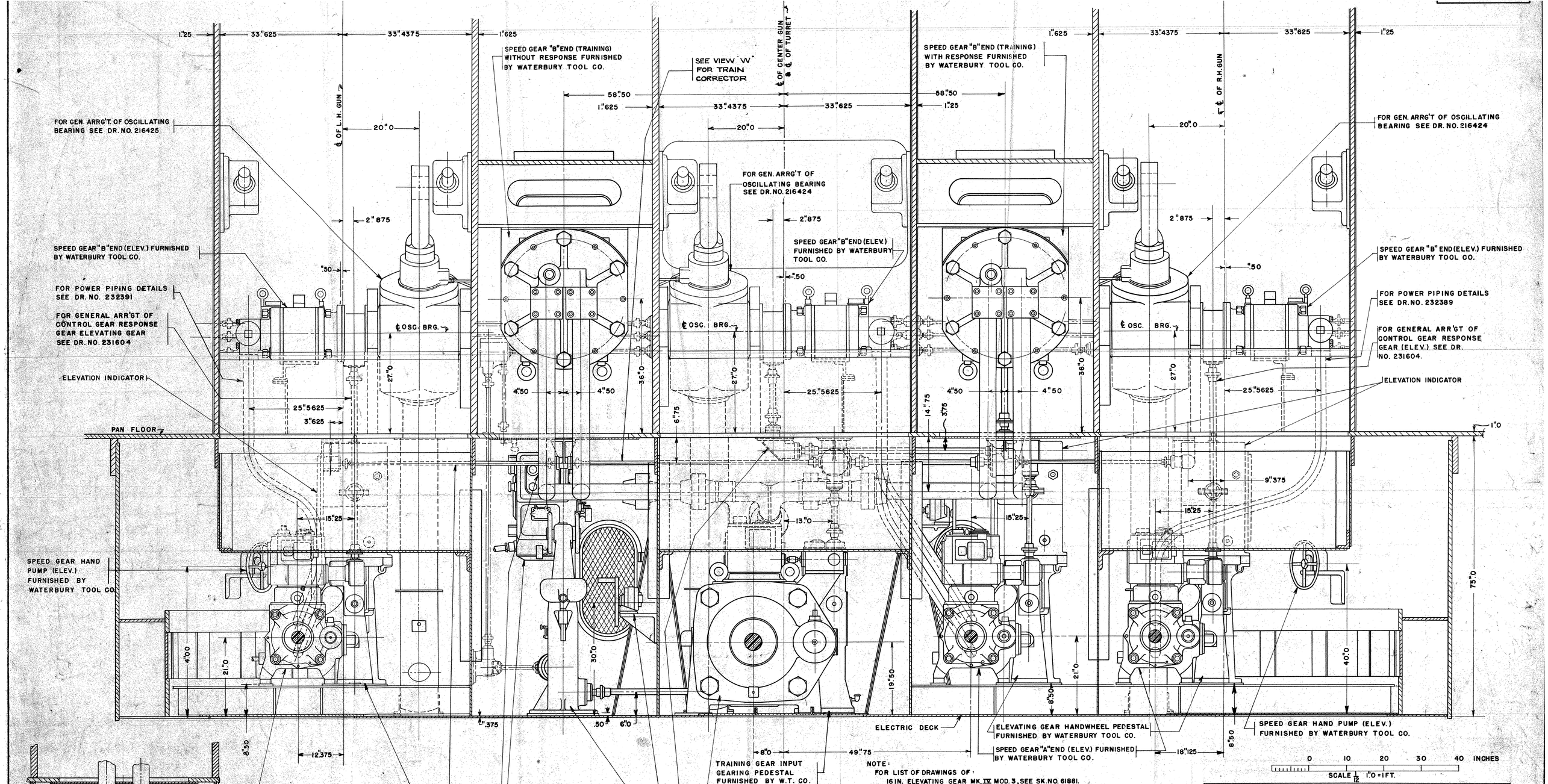
REGISTERED MAIL

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

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

EXAMINED	DATE
W.C. Ashton, PRINCIPAL ENGINEER	3/18/40
R. Comb, SENIOR ENGINEER	3/28/40
R.S.W. Mel, CHECKED	3/28/40
M. HERMAN, DRAWN BY	8-8-39
NEWCOMB, TRACER	3-11-40
JOB ORDER 8171-E	

BUREAU'S FILE	CLASSIFICATION	DRAWING NO.
BB57-60/S72(TI-NE12) N. G. F. FILE S72/BB(358)	ASSEMBLIES	231623



NOTE:
FOR LIST OF DRAWINGS OF:
16 IN. ELEVATING GEAR MK. IV MOD. 3, SEE SK. NO. 61881.
16 IN. ELEVATING GEAR MK. IV MOD. 4, SEE SK. NO. 61882.
16 IN. ELEVATING GEAR MK. IV MOD. 5, SEE SK. NO. 61883.
16 IN. TRAINING GEAR MK. I MOD. I, SEE SK. NO. 61885.
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

EXAMINED — DATE 3/5/40 — PRINCIPAL ENGINEER
3/23/40 — SENIOR ENGINEER
CHECKED 3/19/40
F.J. REILLY 8-11-39 — DRAWN BY
CONNELLEE 3-5-40. — TRACER
JOB ORDER 8171-E

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)

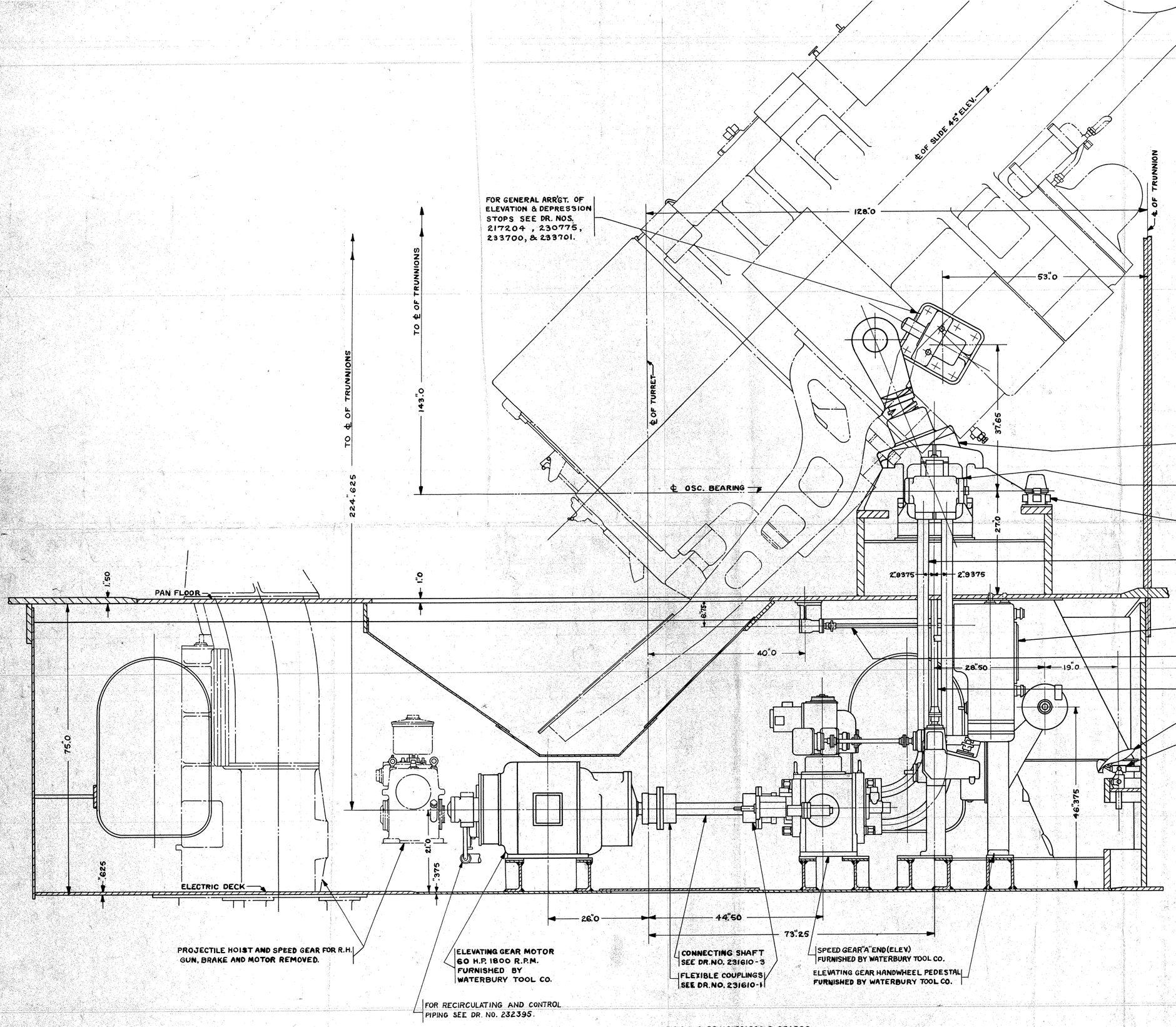
SCALE: 1/12

REGISTERED MAIL

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

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

BUREAU'S FILE	CLASSIFICATION	DRAWING NO.
BB57-60/S72 (T11-1) (E12)	ASSEMBLIES	231624
N. G. F. FILE S72/BB(358)		



SECTION A-A DR. NO. 231622 & 231623
(CIRCULAR BULKHEAD REMOVED)

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 $\frac{1}{12}$ 1.0" = 1 FT.

REVISIONS		
LET.	NUMBER	DATE

EXAMINED	DATE
PRINCIPAL ENGINEER	3/18/40
SENIOR ENGINEER	3/28/40
CHECKED	3/18/40
M. HERMAN 8-11-39	MCADAMS 1-23-40
DRAWN BY	TRACER
JOB ORDER 8171-E	

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

GENERAL ARRANGEMENT LONGITUDINAL SECTION

(R.H. GUN)

SCALE: $\frac{1}{12}$

REGISTERED MAIL

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

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

BUREAU'S FILE	CLASSIFICATION	DRAWING NO.
BB57-60/S72(TH-1)(E-12)	ASSEMBLIES	231626
N. G. F. FILE S72/88 (358)		