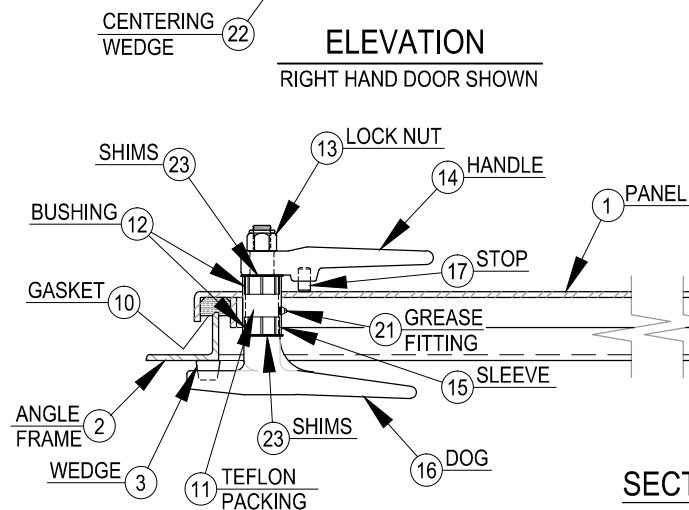
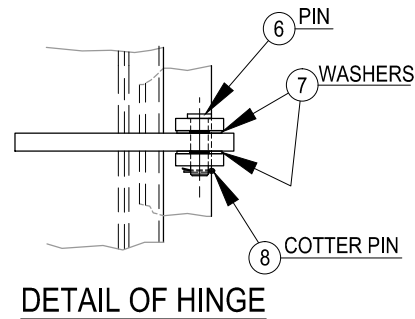
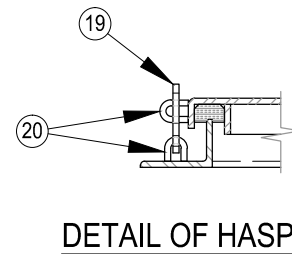
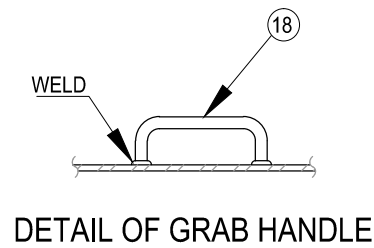
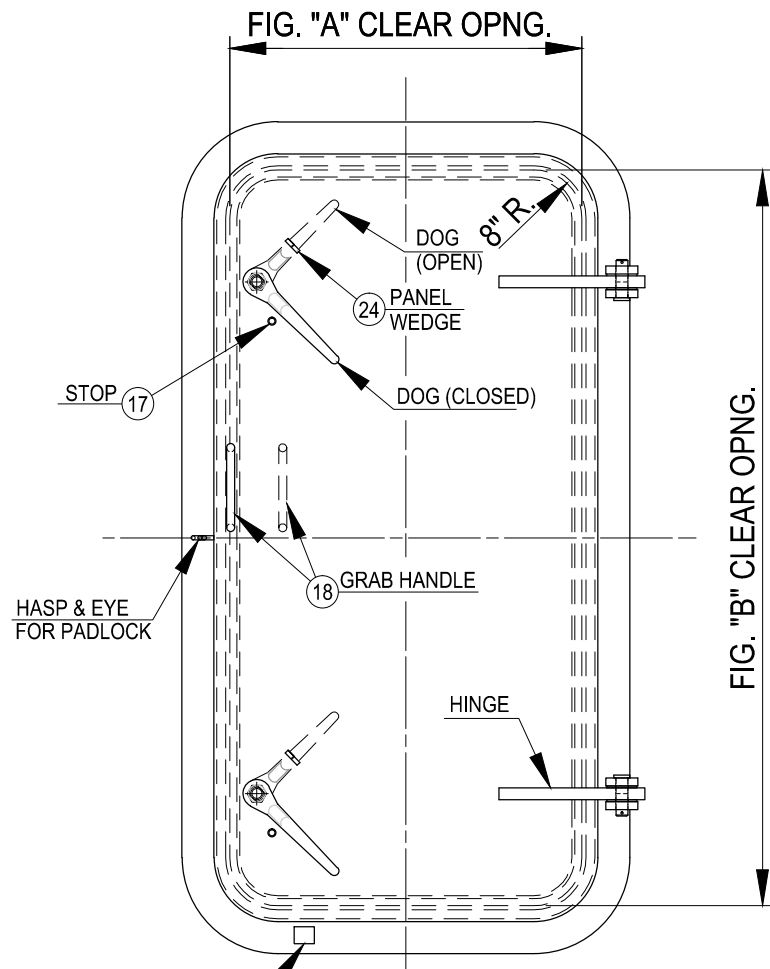


MARINE



CATALOG

DOORS



SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	FORGED STEEL	
4	MILD STEEL	
5	MILD STEEL	
6	BRASS	
7	TEFLON	
8	STAINLESS	
9	MILD STEEL	
10	NEOPRENE	
11	TEFLON	
12	DELTRIN	
13	PLATED STEEL	
14	FORGED STEEL	
15	MILD STEEL	
16	FORGED STEEL	
17	MILD STEEL	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	PLATED STEEL	
22	MILD STEEL	
23	STAINLESS	
24	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

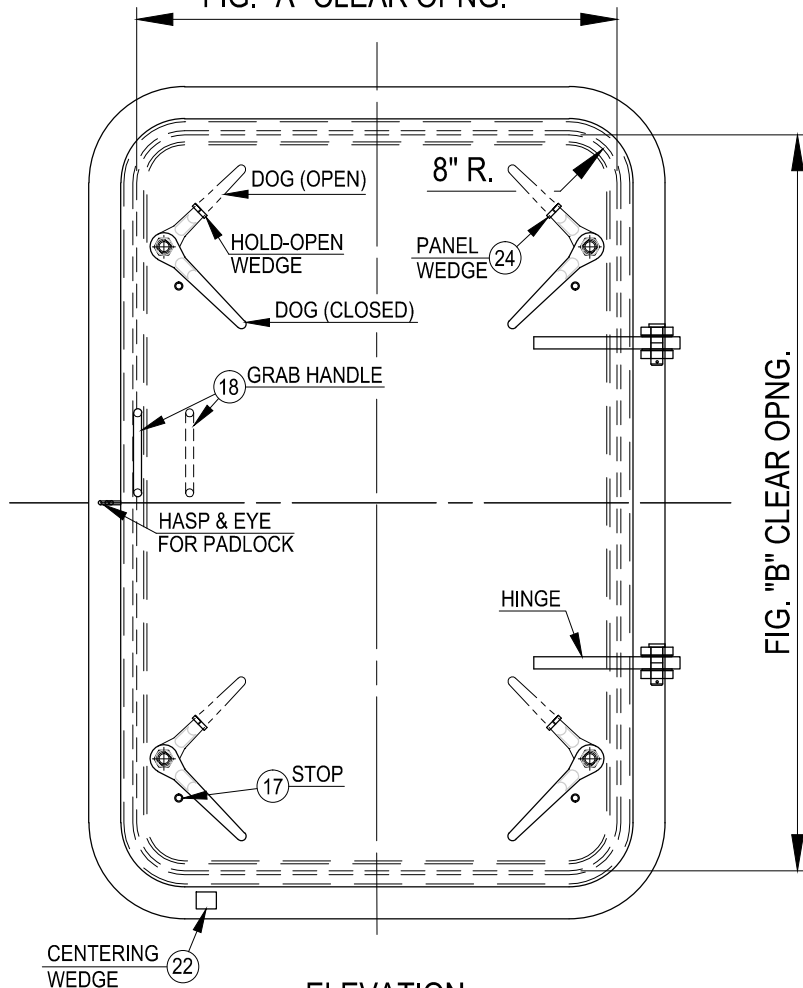
SMITHVILLE, TEXAS

WEATHER TIGHT DOOR

DWG. NO.: 100-MS

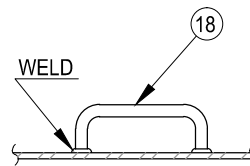
LH RH

FIG. "A" CLEAR OPNG.

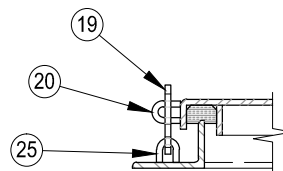


ELEVATION

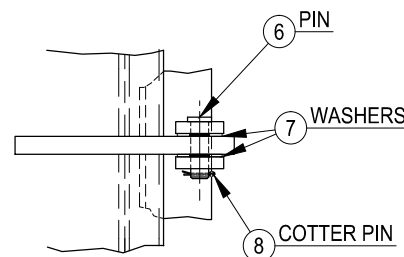
RIGHT HAND DOOR SHOWN



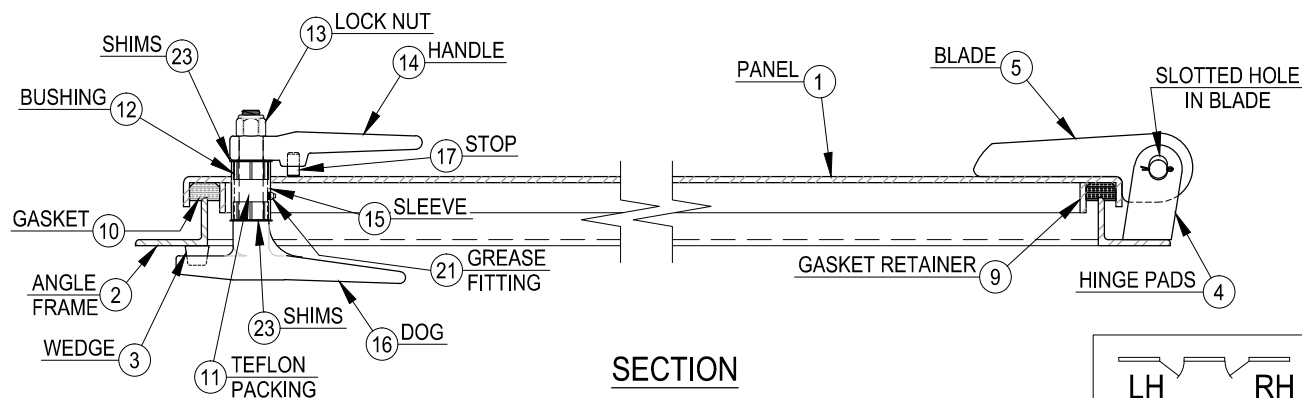
DETAIL OF GRAB HANDLE



DETAIL OF HASP



DETAIL OF HINGE



SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	FORGED STEEL	
4	MILD STEEL	
5	MILD STEEL	
6	BRASS	
7	TEFLON	
8	STAINLESS	
9	MILD STEEL	
10	NEOPRENE	
11	TEFLON	
12	DELTRIN	
13	PLATED STEEL	
14	FORGED STEEL	
15	MILD STEEL	
16	FORGED STEEL	
17	MILD STEEL	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	PLATED STEEL	
22	MILD STEEL	
23	STAINLESS	
24	MILD STEEL	
25	MILD STEEL	

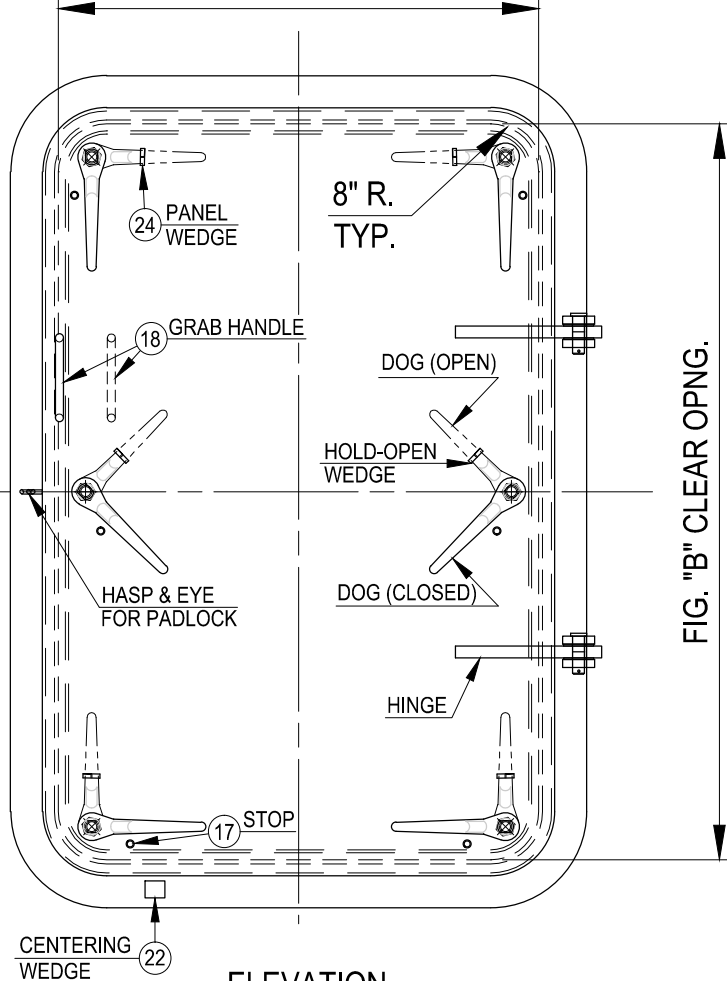
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

WATER TIGHT DOOR

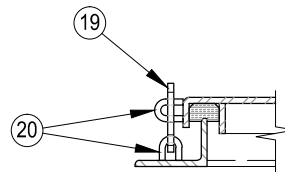
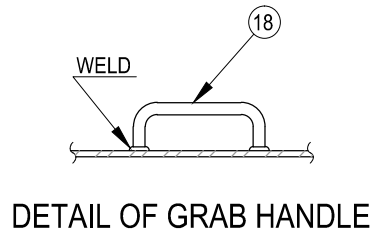
DWG. NO.: 101-MS

FIG. "A" CLEAR OPNG.

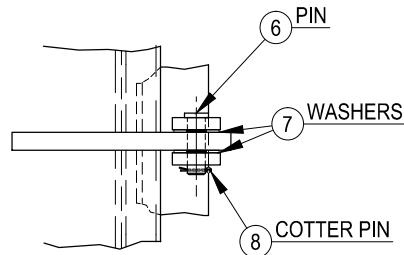


ELEVATION

RIGHT HAND DOOR SHOWN



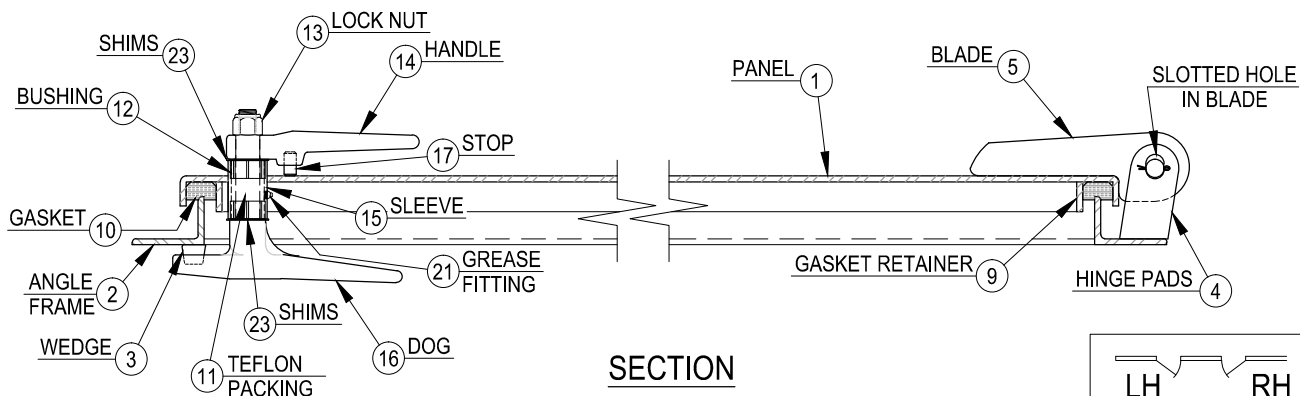
DETAIL OF HASP



DETAIL OF HINGE

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	FORGED STEEL	
4	MILD STEEL	
5	MILD STEEL	
6	BRASS	
7	TEFLON	
8	STAINLESS	
9	MILD STEEL	
10	NEOPRENE	
11	TEFLON	
12	DELTRIN	
13	PLATED STEEL	
14	FORGED STEEL	
15	MILD STEEL	
16	BRONZE	
17	MILD STEEL	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	PLATED STEEL	
22	MILD STEEL	
23	STAINLESS	
24	MILD STEEL	



SECTION

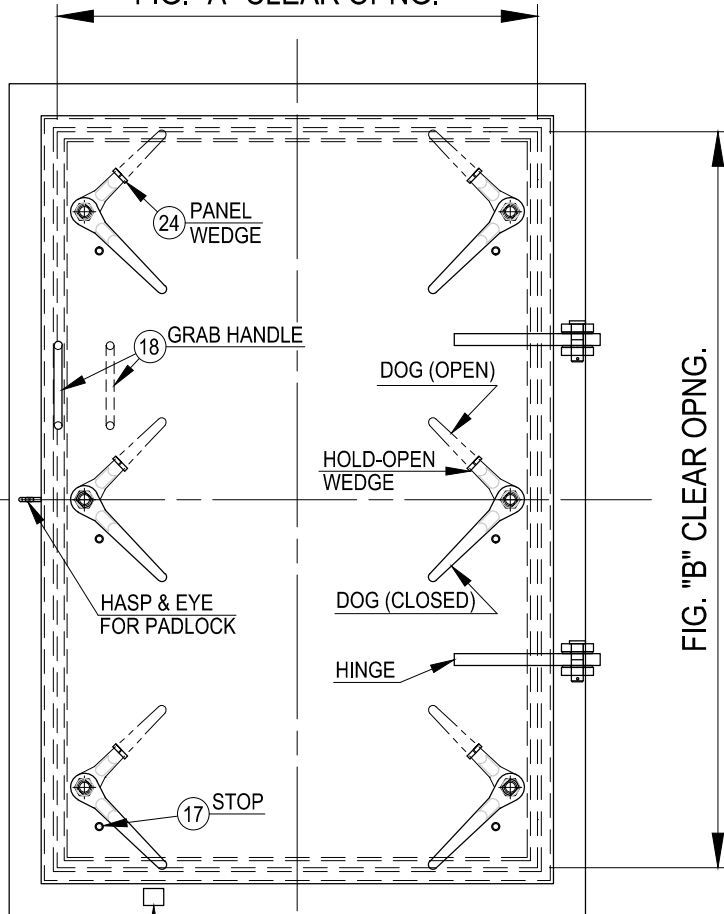
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

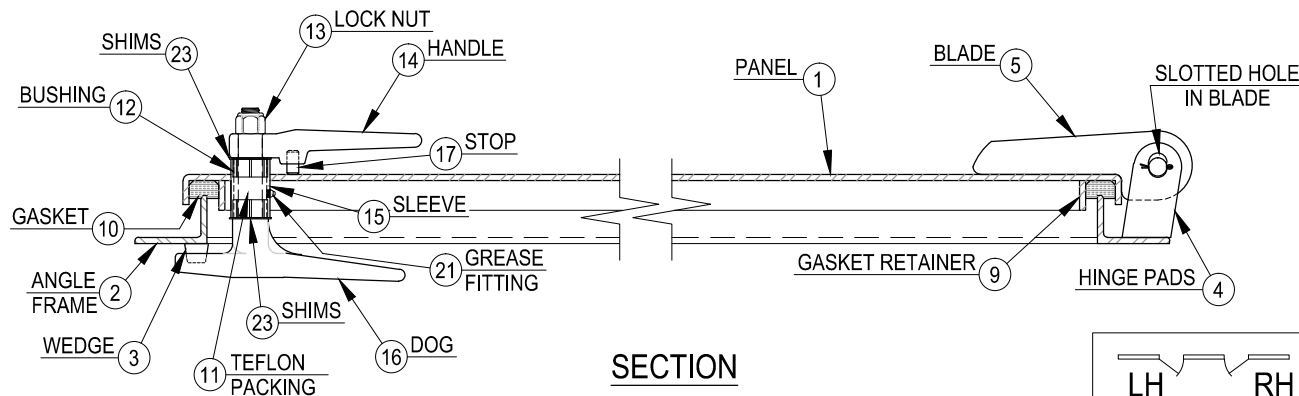
WATER TIGHT DOOR

DWG. NO.: 102-MS

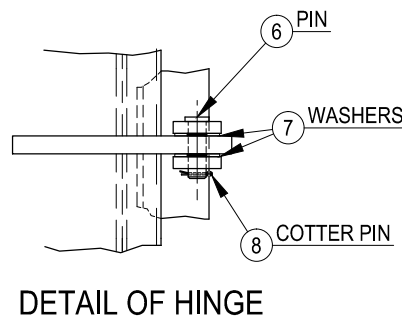
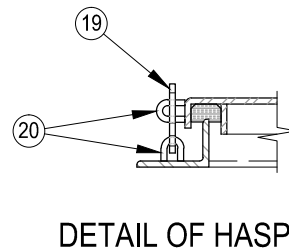
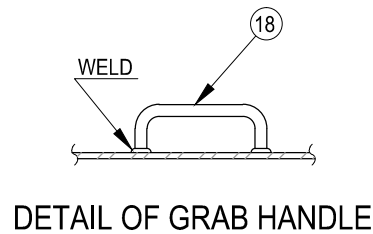
FIG. "A" CLEAR OPNG.



ELEVATION
RIGHT HAND DOOR SHOWN



SECTION



SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	FORGED STEEL	
4	MILD STEEL	
5	MILD STEEL	
6	BRASS	
7	TEFLON	
8	STAINLESS	
9	MILD STEEL	
10	NEOPRENE	
11	TEFLON	
12	DELTRIN	
13	PLATED STEEL	
14	FORGED STEEL	
15	MILD STEEL	
16	FORGED STEEL	
17	MILD STEEL	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	PLATED STEEL	
22	MILD STEEL	
23	STAINLESS	
24	MILD STEEL	

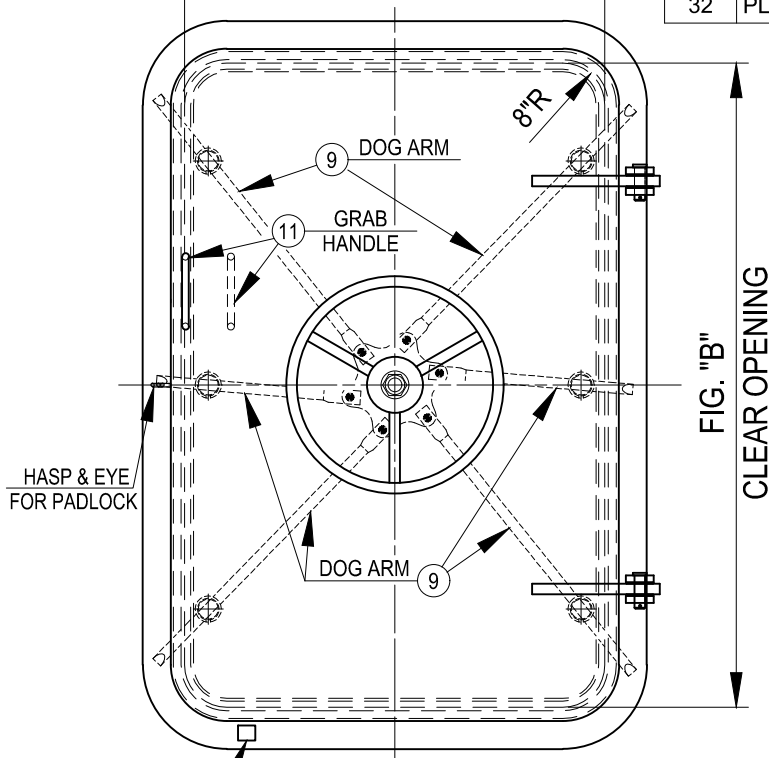
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

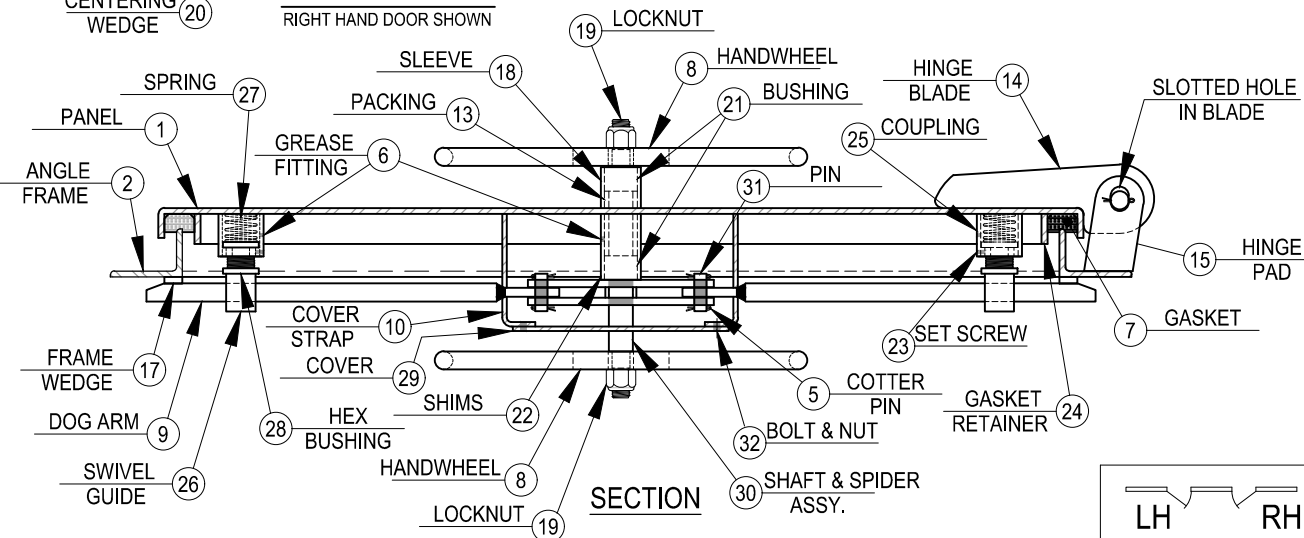
WATER TIGHT SQUARE DOOR

DWG. NO.: 103-MS

FIG. "A"
CLEAR OPENING

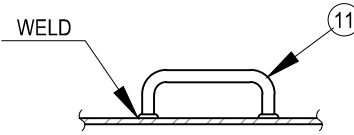


ELEVATION
RIGHT HAND DOOR SHOWN

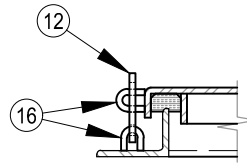


SCHEDULE OF MATERIALS

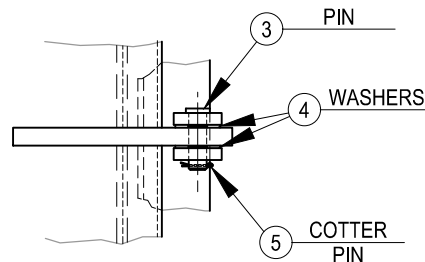
PC.	MATERIAL	REMARKS
30	COLD FINISH	
31	BRASS	
32	PLATED STEEL	



DETAIL OF GRAB HANDLE



DETAIL OF HASP



DETAIL OF HINGE

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	BRASS	
4	TEFLON	
5	STAINLESS	
6	PLATED STEEL	
7	NEOPRENE	
8	COLD FINISH	
9	COLD FINISH	
10	MILD STEEL	
11	MILD STEEL	
12	MILD STEEL	
13	TEFLON	
14	MILD STEEL	
15	MILD STEEL	
16	MILD STEEL	
17	STAINLESS	304 GRADE
18	MILD STEEL	
19	PLATED STEEL	
20	MILD STEEL	
21	DELTRIN	
22	STAINLESS	
23	PLATED STEEL	
24	MILD STEEL	
25	MILD STEEL	
26	BRASS	
27	SPRING STEEL	
28	BRASS	
29	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

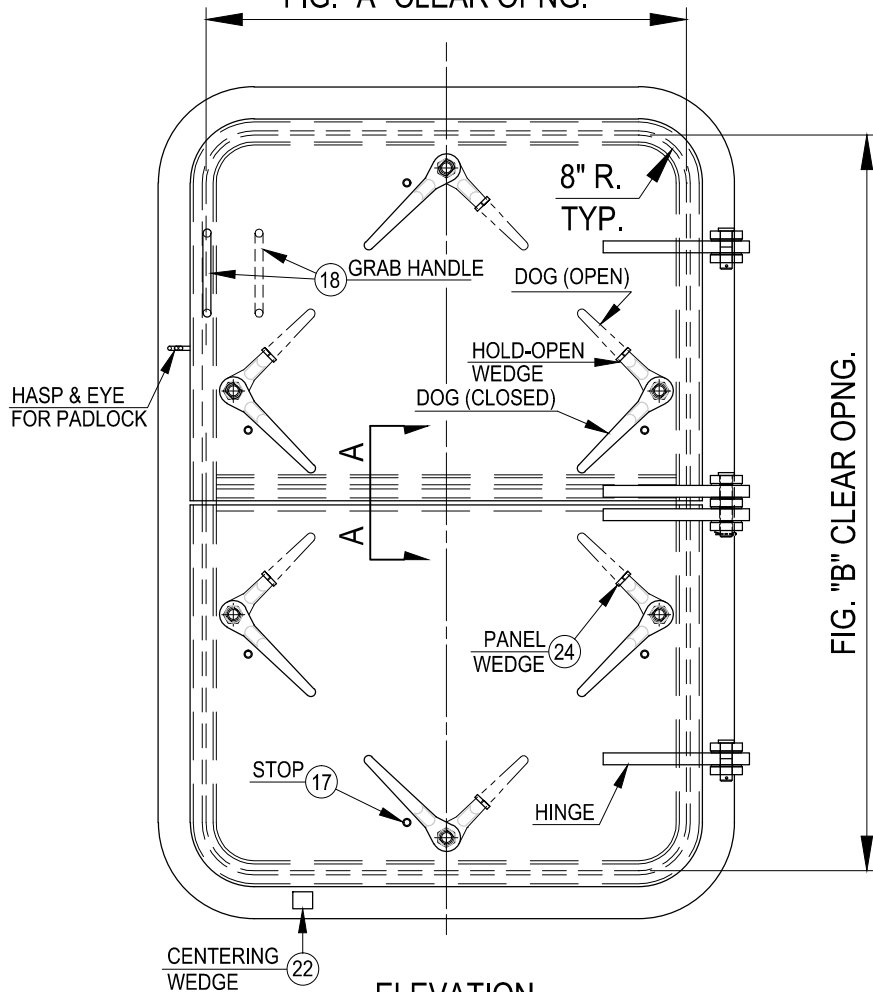
SMITHVILLE, TEXAS

QUICK ACTING WATERTIGHT DOOR

DWG. NO.: 104-MS

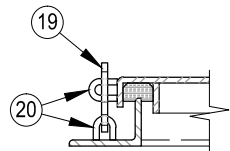
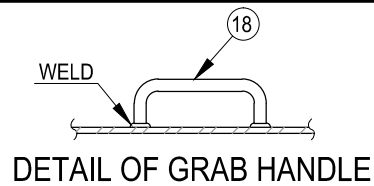
LH RH

FIG. "A" CLEAR OPNG.

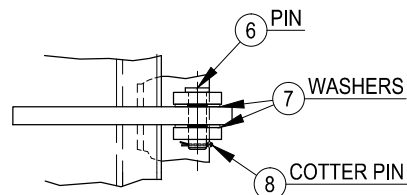


ELEVATION

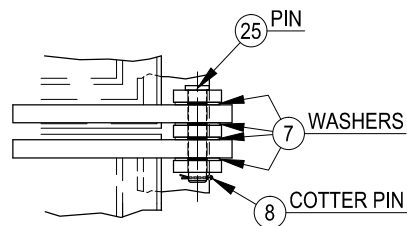
RIGHT HAND DOOR SHOWN



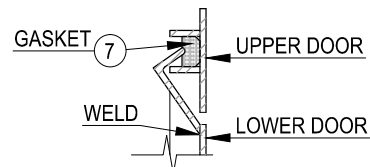
DETAIL OF HASP



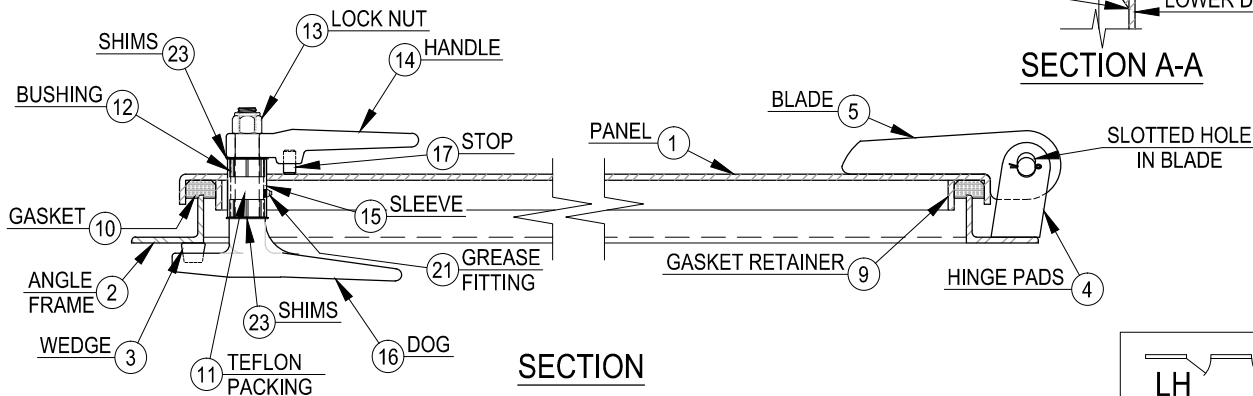
DETAIL OF HINGE



DETAIL OF DOUBLE HINGE



SECTION A-A



SECTION

LH RH

SCHEDULE OF MATERIALS

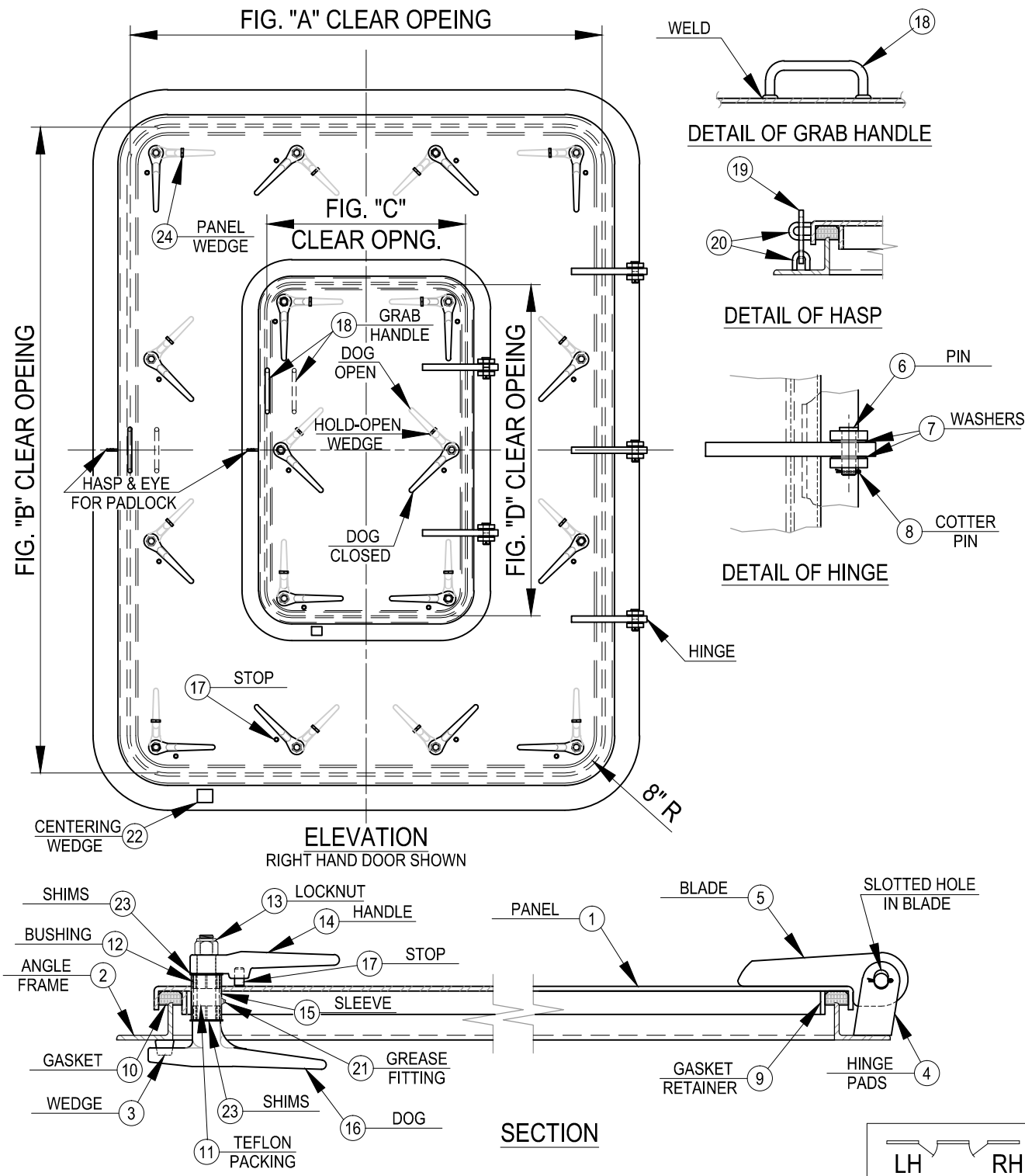
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	MILD STEEL	
6	BRASS	
7	TEFLON	
8	STAINLESS	
9	MILD STEEL	
10	NEOPRENE	
11	TEFLON	
12	DELTRIN	
13	PLATED STEEL	
14	FORGED STEEL	
15	MILD STEEL	
16	FORGED STEEL	
17	MILD STEEL	
18	MILD STEEL	
19	MILD STEEL	
20	PLATED STEEL	
21	PLATED STEEL	
22	MILD STEEL	
23	STAINLESS	
24	MILD STEEL	
25	BRASS	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

WATER TIGHT DUTCH DOOR

DWG. NO.: 105-MS



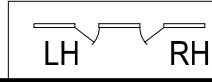
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	FORGED STEEL	
4	MILD STEEL	
5	MILD STEEL	
6	BRASS	
7	TEFLON	
8	STAINLESS	
9	MILD STEEL	
10	NEOPRENE	
11	TEFLON	
12	DELTRIN	
13	PLATED STEEL	
14	FORGED STEEL	
15	MILD STEEL	
16	FORGED STEEL	
17	MILD STEEL	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	PLATED STEEL	
22	MILD STEEL	
23	STAINLESS	
24	MILD STEEL	

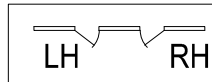
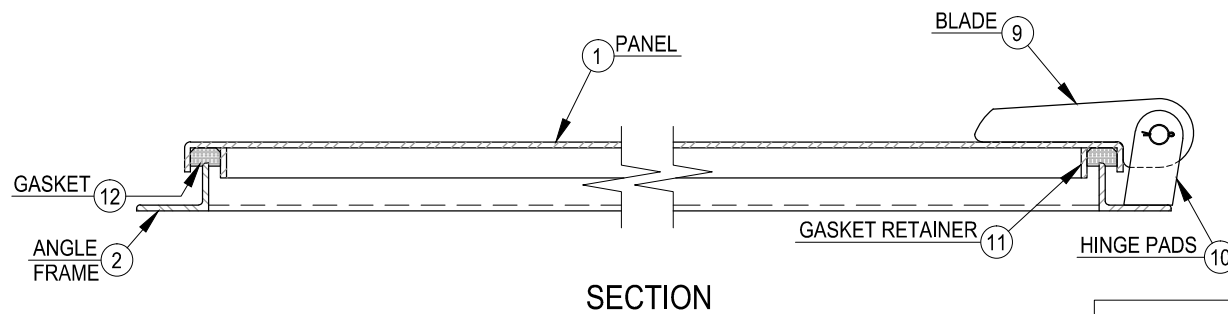
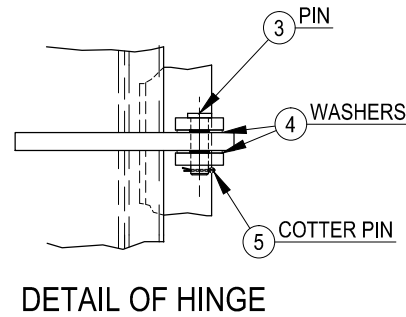
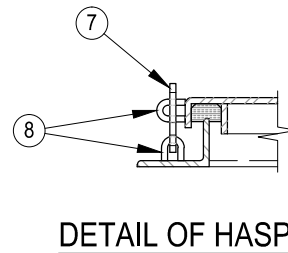
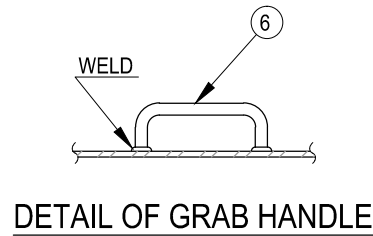
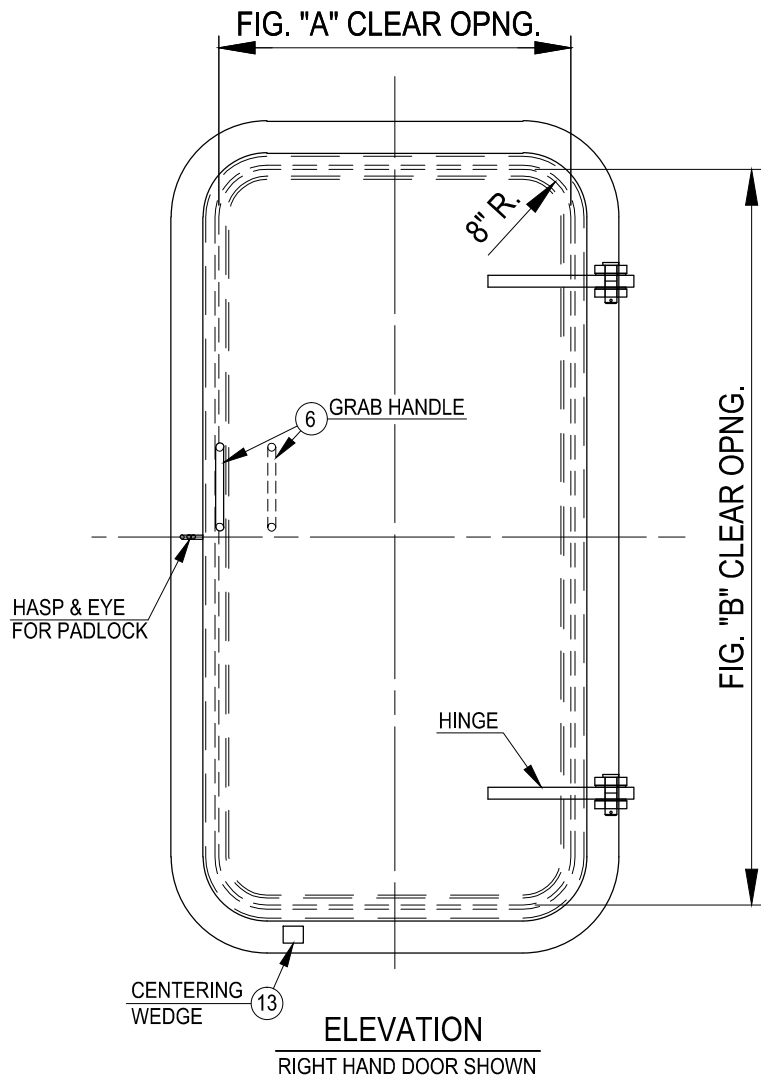
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

WATER TIGHT DOOR-PERSONNEL & EQUIPMENT

DWG. NO.: 107-MS





SCHEDULE OF MATERIALS

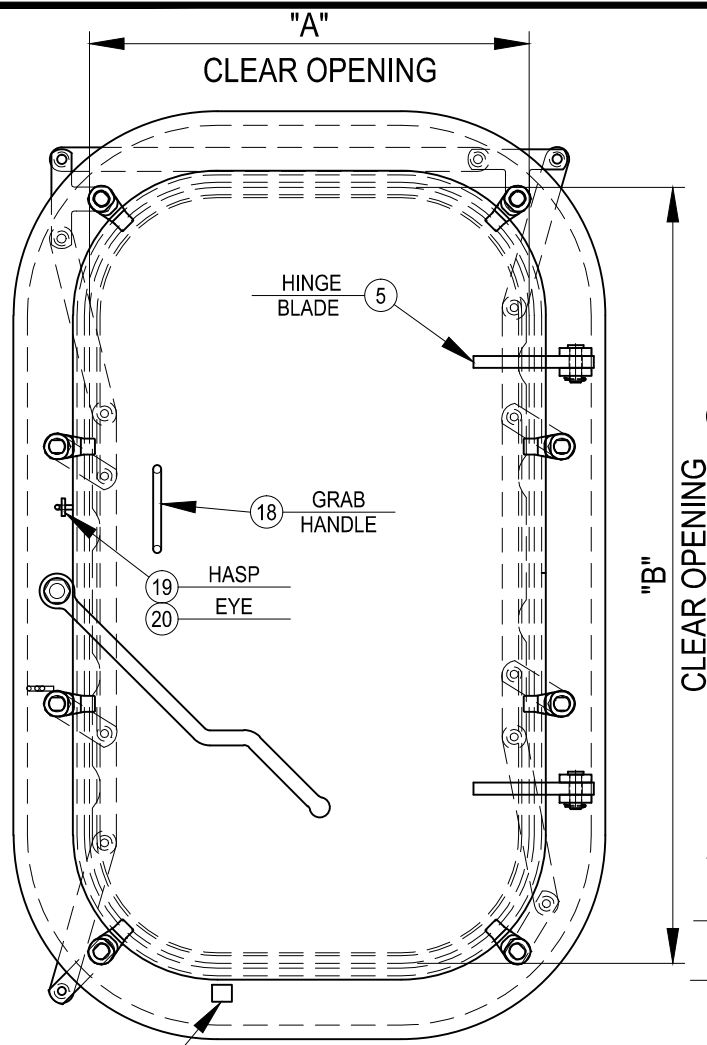
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	BRASS	
4	TEFLON	
5	STAINLESS	
6	MILD STEEL	
7	MILD STEEL	
8	PLATED STEEL	
9	MILD STEEL	
10	MILD STEEL	
11	MILD STEEL	
12	NEOPRENE	
13	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

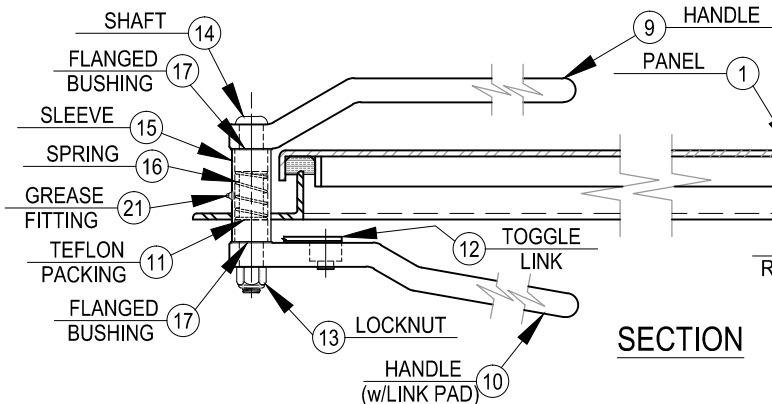
SMITHVILLE, TEXAS

NON TIGHT DOOR

DWG. NO.: 108-MS

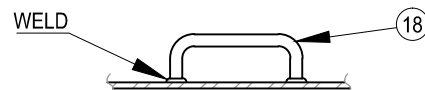


ELEVATION
RIGHT HAND DOOR SHOWN

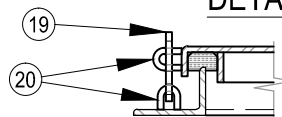


SECTION

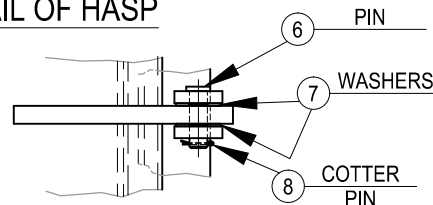
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
31	MILD STEEL	
32	MILD STEEL	



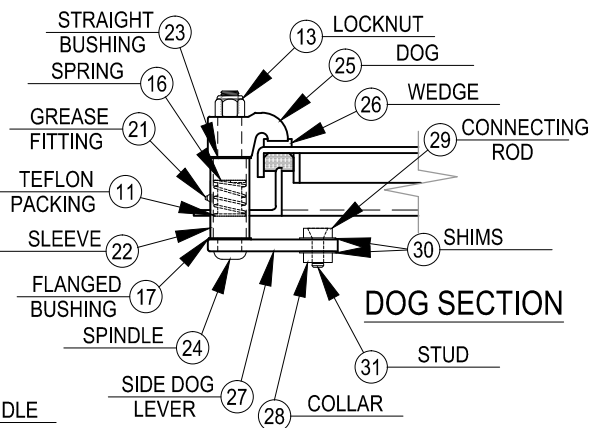
DETAIL OF GRAB HANDLE



DETAIL OF HASP



DETAIL OF HINGE



DOG SECTION

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	NEOPRENE	
4	MILD STEEL	
5	MILD STEEL	
6	BRASS	
7	STAINLESS	
8	STAINLESS	
9	FORGED STEEL	
10	FORGED STEEL	
11	TEFLON	
12	MILD STEEL	
13	PLATED STEEL	
14	COLD FINISH	
15	MILD STEEL	
16	PLATED STEEL	
17	OLITE BRONZE	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	PLATED STEEL	
22	MILD STEEL	
23	OLITE BRONZE	
24	COLD FINISH	
25	FORGED STEEL	
26	BRONZE	
27	MILD STEEL	
28	BRASS	
29	MILD STEEL	
30	STAINLESS	

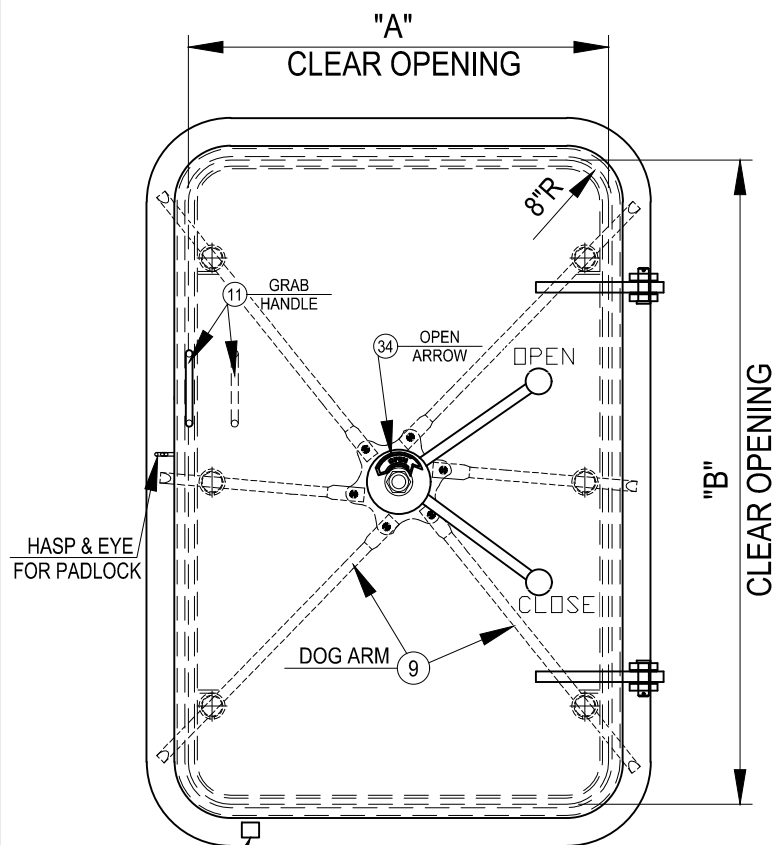
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

QUICK ACTING LEVER TYPE DOOR

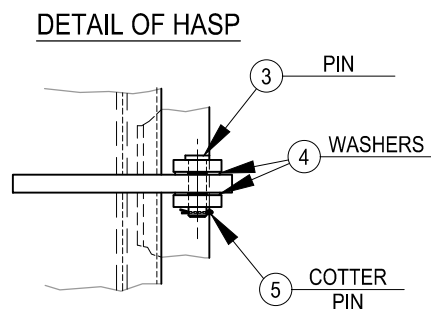
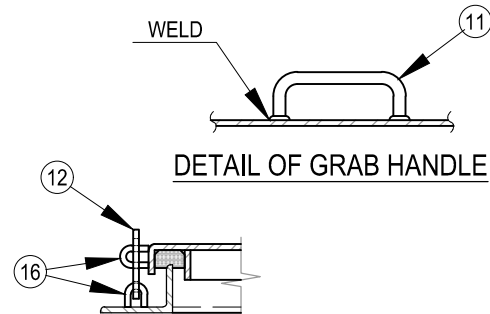
DWG. NO.: 109-MS

LH RH

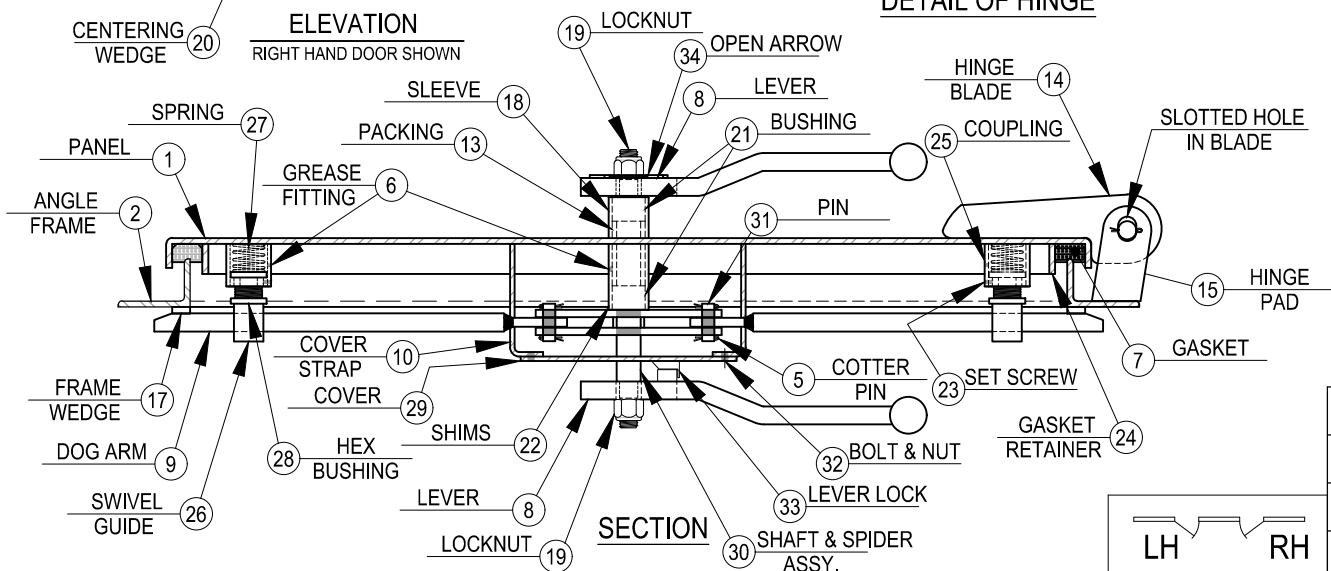


SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
30	COLD FINISH	
31	BRASS	
32	PLATED STEEL	
33	STAINLESS	
34	STAINLESS	

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	BRASS	
4	TEFLON	
5	STAINLESS	
6	PLATED STEEL	
7	NEOPRENE	
8	COLD FINISH	
9	COLD FINISH	
10	MILD STEEL	
11	MILD STEEL	
12	MILD STEEL	
13	TEFLON	
14	MILD STEEL	
15	MILD STEEL	
16	MILD STEEL	
17	STAINLESS	304 GRADE
18	MILD STEEL	
19	PLATED STEEL	
20	MILD STEEL	
21	DELIN	
22	STAINLESS	
23	PLATED STEEL	
24	MILD STEEL	
25	MILD STEEL	
26	BRASS	
27	SPRING STEEL	
28	BRASS	
29	MILD STEEL	



DETAIL OF HINGE



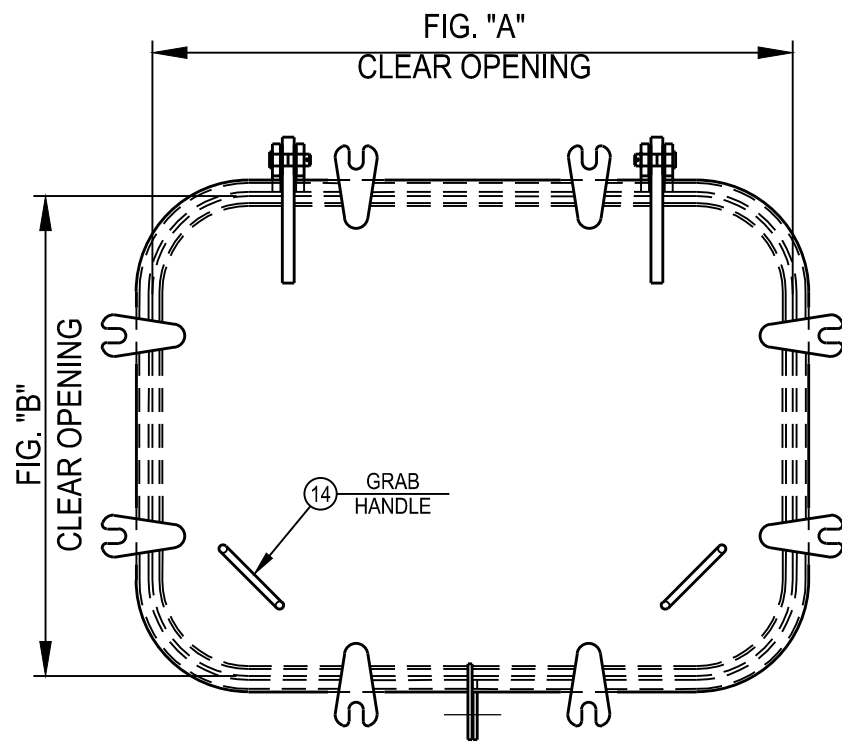
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

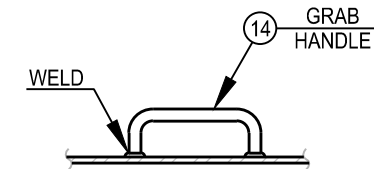
QUICK ACTING WATERTIGHT DOOR

DWG. NO.: 110-MS

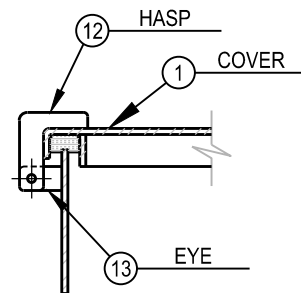
HATCHES



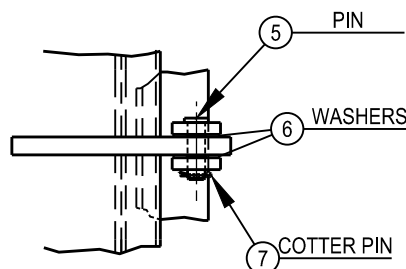
PLAN



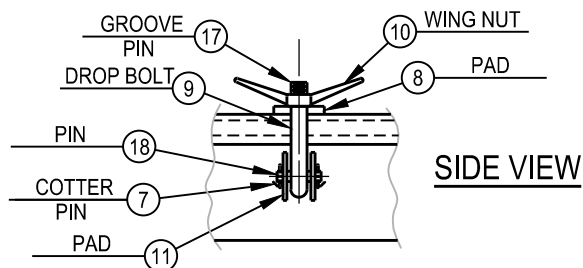
DETAIL OF GRAB HANDLE



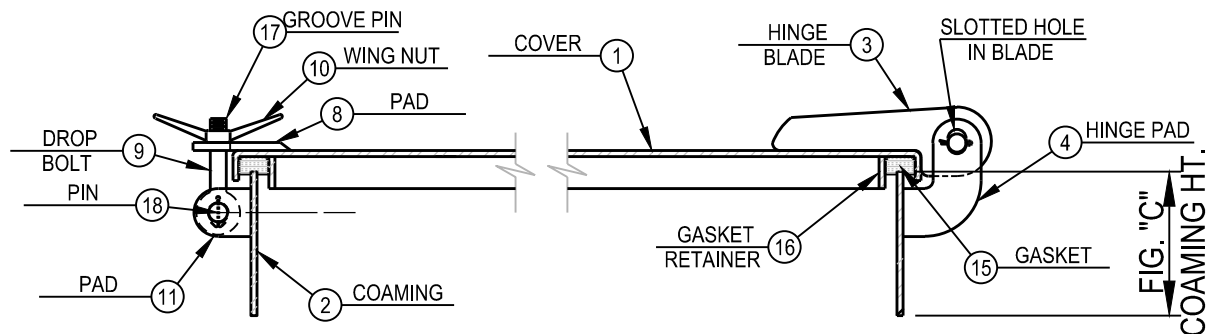
DETAIL OF HASP & EYE



DETAIL OF HINGE



SIDE VIEW



SECTION

SCHEDULE OF MATERIALS

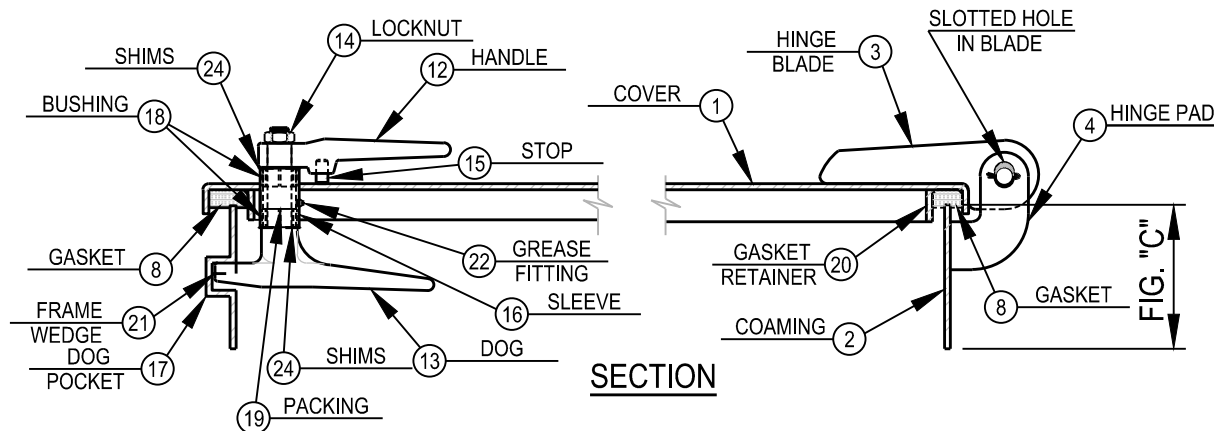
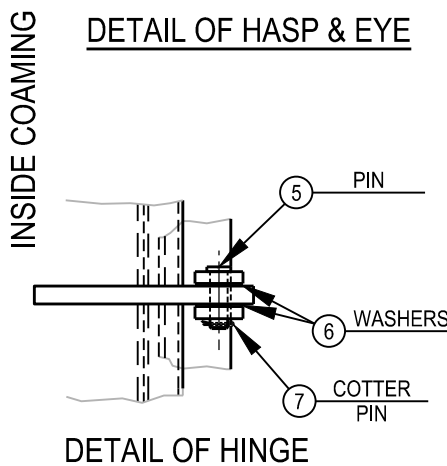
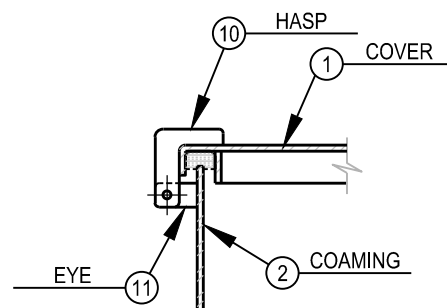
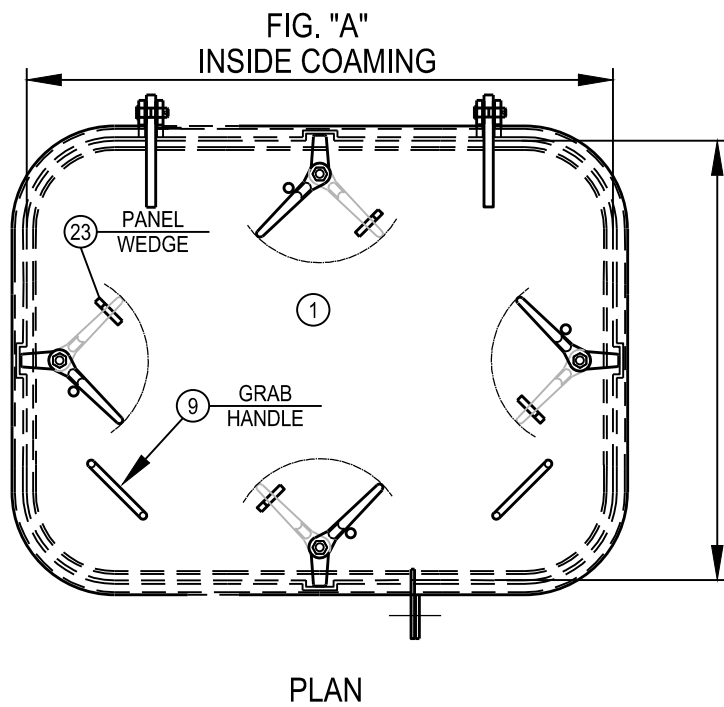
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	MILD STEEL	
9	BRONZE	
10	BRONZE	
11	MILD STEEL	
12	MILD STEEL	
13	MILD STEEL	
14	MILD STEEL	
15	NEOPRENE	
16	MILD STEEL	
17	STAINLESS	
18	BRASS	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

WATER TIGHT HATCH W/ DROP BOLTS

DWG. NO.: 200-MS



SCHEDULE OF MATERIALS

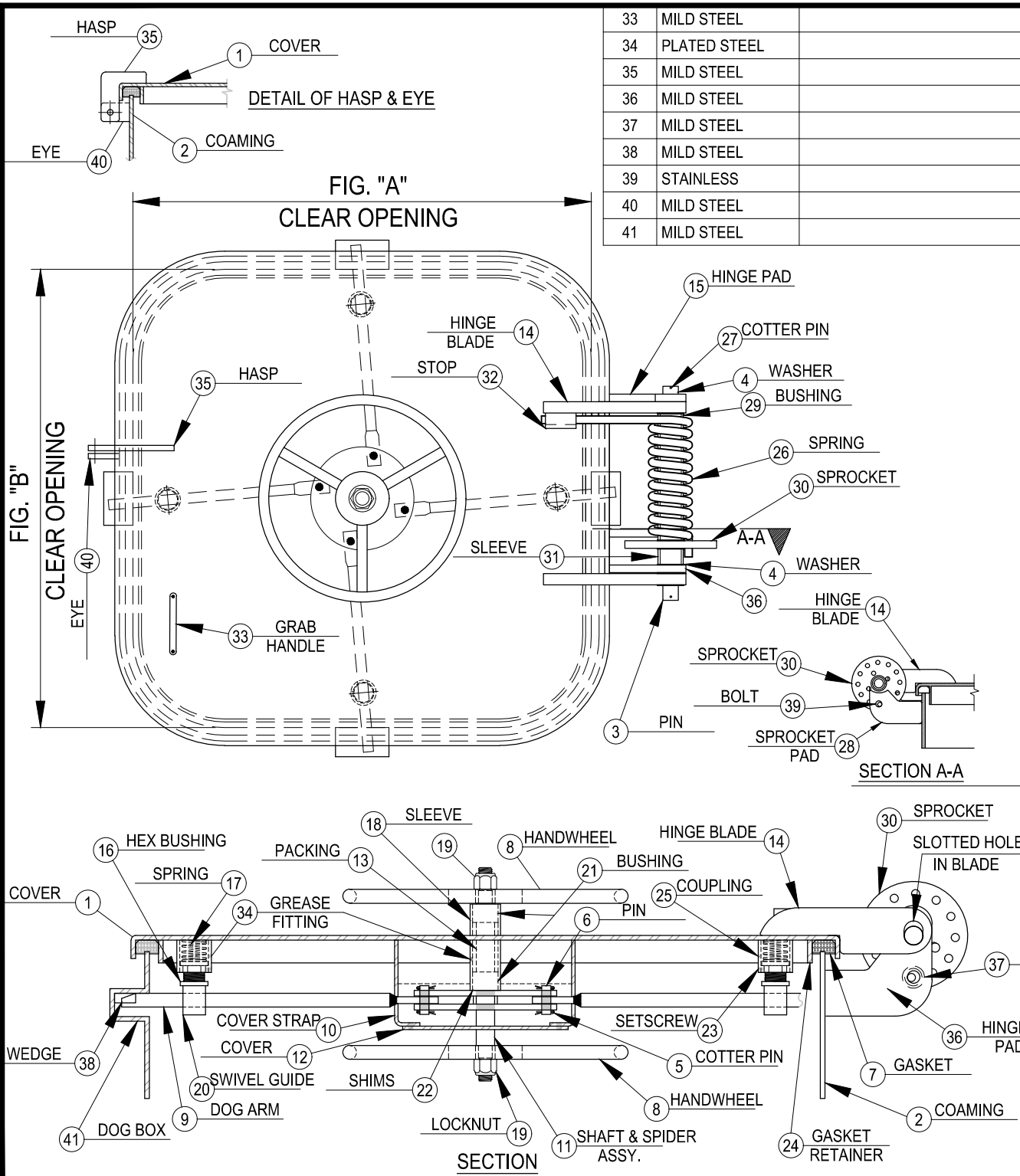
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	NEOPRENE	
9	STEEL	
10	MILD STEEL	
11	MILD STEEL	
12	FRG. STEEL	
13	FRG. STEEL	
14	PLATED STEEL	
15	STEEL	
16	STEEL	
17	STEEL	
18	DELRIN	
19	TEFLON	
20	MILD STEEL	
21	FRG. STEEL	
22	PLATED STEEL	
23	MILD STEEL	
24	STAINLESS	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

WATER TIGHT HATCH

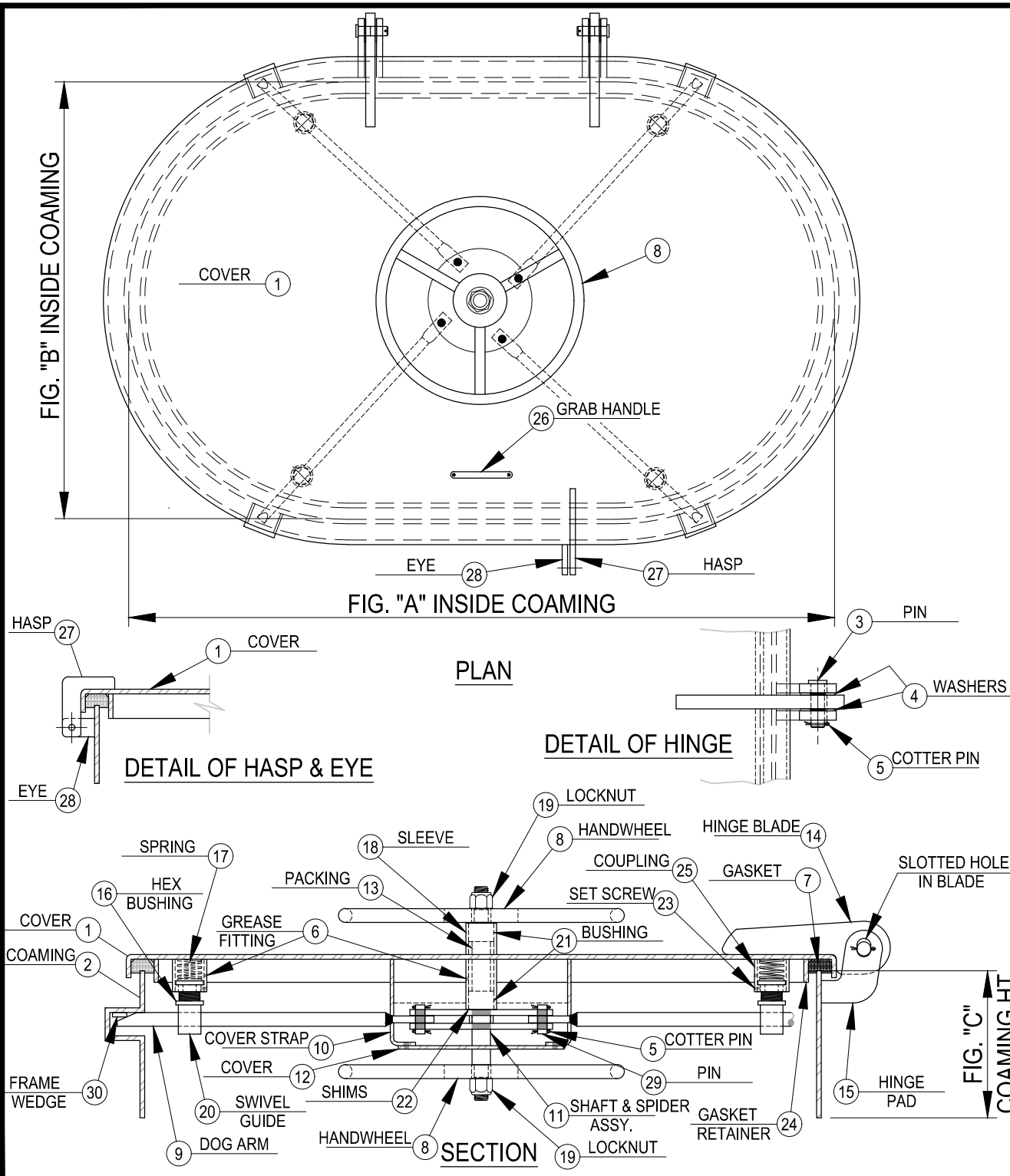
DWG. NO.: 201-MS



33	MILD STEEL
34	PLATED STEEL
35	MILD STEEL
36	MILD STEEL
37	MILD STEEL
38	MILD STEEL
39	STAINLESS
40	MILD STEEL
41	MILD STEEL

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	COLD FINISH	
4	STAINLESS	
5	STAINLESS	
6	BRASS	
7	NEOPRENE	
8	MILD STEEL	
9	MILD STEEL	
10	MILD STEEL	
11	COLD FINISH	
12	MILD STEEL	
13	TEFLON	
14	MILD STEEL	
15	MILD STEEL	
16	BRASS	
17	PLATED STEEL	
18	MILD STEEL	
19	PLATED STEEL	
20	BRASS	
21	DELTRIN	
22	STAINLESS	
23	PLATED STEEL	
24	MILD STEEL	
25	MILD STEEL	
26	STAINLESS	
27	STAINLESS	
28	MILD STEEL	
29	BRASS	
30	MILD STEEL	
31	MILD STEEL	
32	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.
 SMITHVILLE, TEXAS
 SPRING ASSIST QUICK ACT. WATERTIGHT HATCH
 DWG. NO.: 202-MS



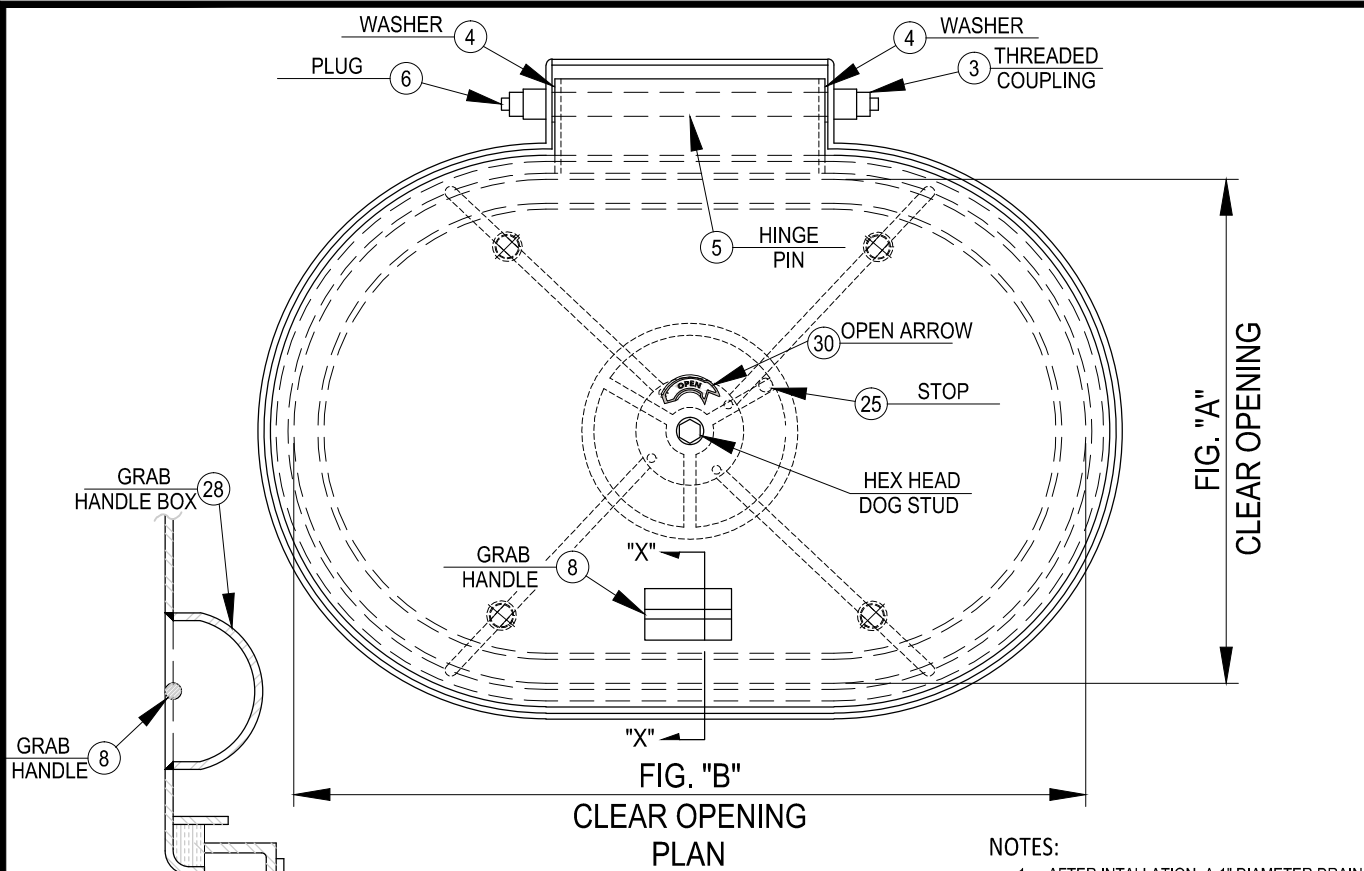
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	BRASS	
4	STAINLESS	
5	STAINLESS	
6	PLTD. STEEL	
7	NEOPRENE	
8	MILD STEEL	
9	MILD STEEL	
10	MILD STEEL	
11	COLD FINISH	
12	MILD STEEL	
13	TEFLON	
14	MILD STEEL	
15	MILD STEEL	
16	BRASS	
17	PLTD. STEEL	
18	MILD STEEL	
19	PLTD. STEEL	
20	BRASS	
21	DELRIN	
22	STAINLESS	
23	PLTD. STEEL	
24	MILD STEEL	
25	MILD STEEL	
26	MILD STEEL	
27	MILD STEEL	
28	MILD STEEL	
29	BRASS	
30	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

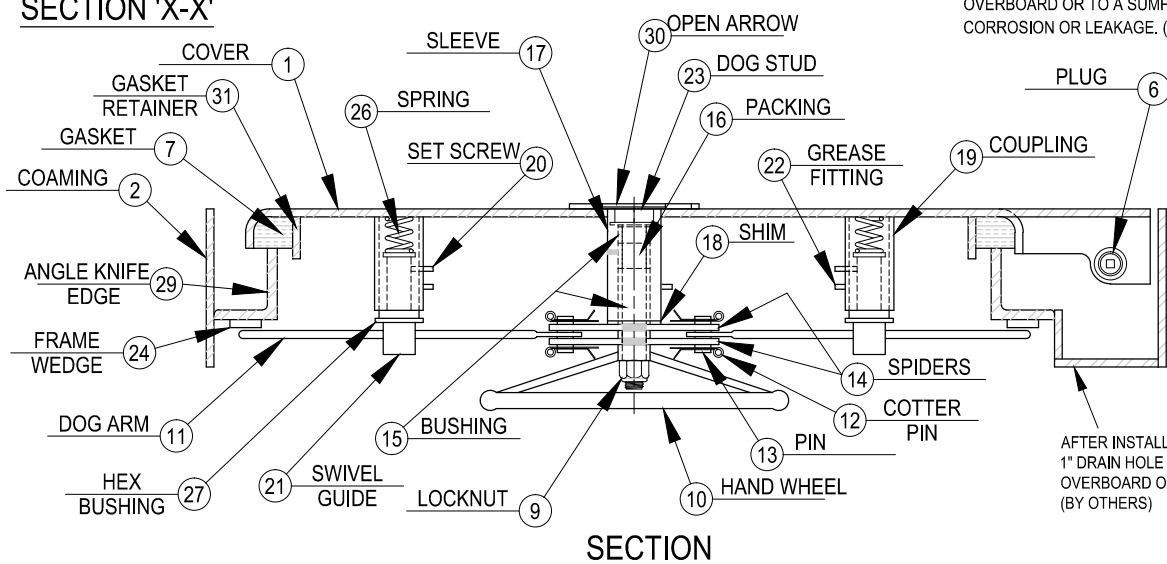
SMITHVILLE, TEXAS

QUICK ACTING WATERTIGHT HATCH

DWG. NO.: 203-MS



SECTION 'X-X'



NOTES:

1. AFTER INTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)

SCHEDULE OF MATERIALS

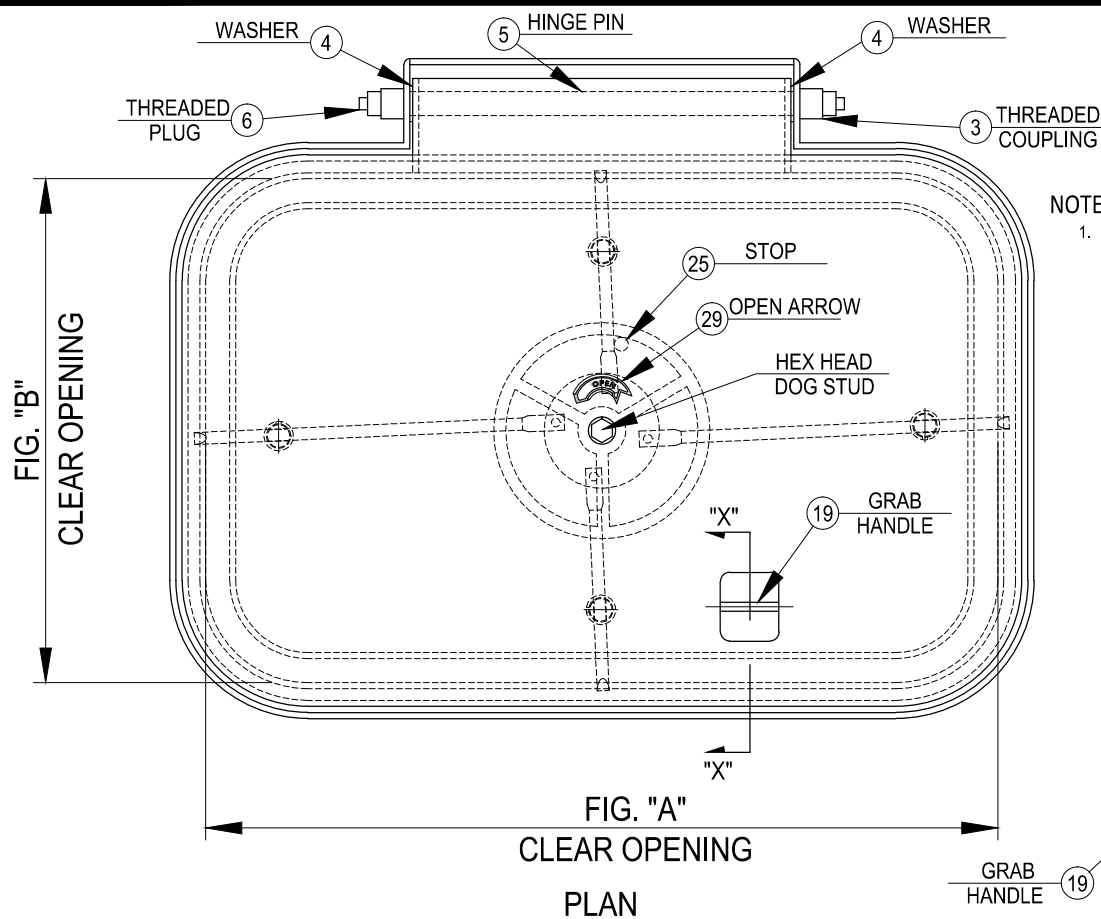
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	STAINLESS	
5	COLD FINISH	
6	STEEL	
7	NEOPRENE	
8	MILD STEEL	
9	STAINLESS	
10	MILD STEEL	
11	COLD FINISH	
12	STAINLESS	
13	BRASS	
14	MILD STEEL	
15	DELIN	
16	TEFLON	
17	MILD STEEL	
18	STAINLESS	
19	MILD STEEL	
20	PLATED STEEL	
21	BRASS	
22	PLATED STEEL	
23	BRASS	
24	STAINLESS	
25	MILD STEEL	
26	PLATED STEEL	
27	BRASS	
28	STEEL	
29	MILD STEEL	
30	STAINLESS	316L ALLOY
31	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

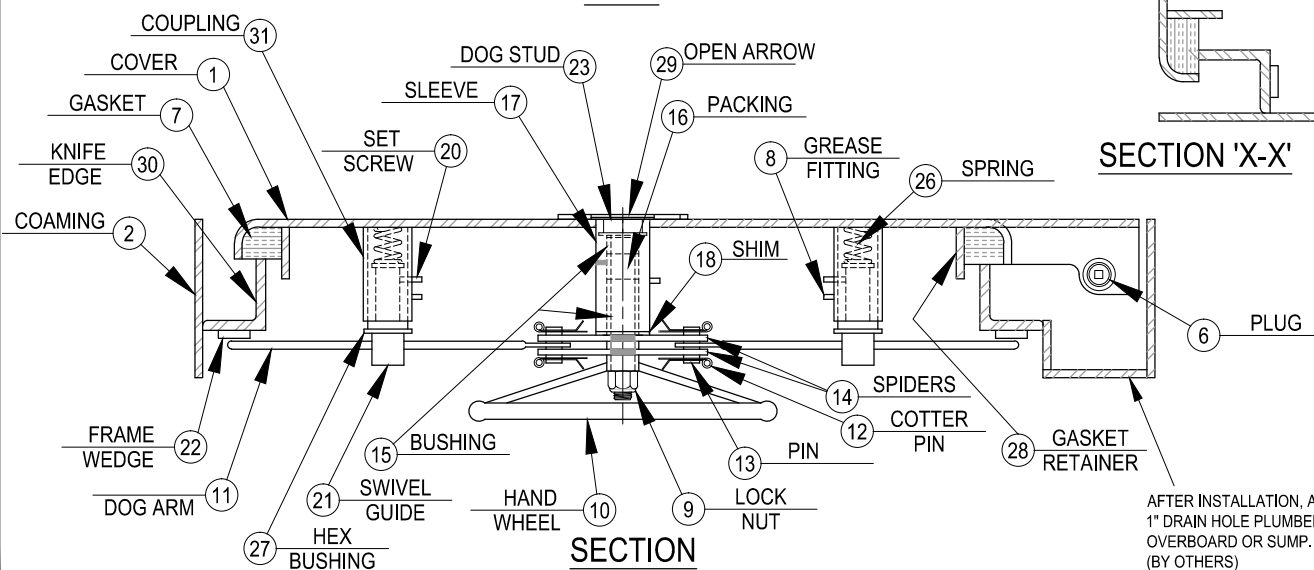
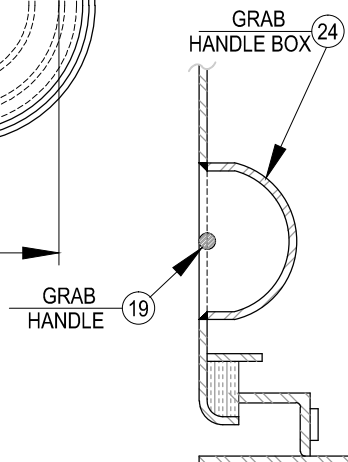
QUICK ACTING OVAL WATERTIGHT HATCH

DWG. NO.: 204-MS



NOTES:

1. AFTER INSTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)



SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	STAINLESS	
5	COLD FINISH	
6	MILD STEEL	
7	NEOPRENE	
8	PLATED STEEL	
9	STAINLESS	
10	MILD STEEL	
11	COLD FINISH	
12	STAINLESS	
13	BRASS	
14	MILD STEEL	
15	DELFIN	
16	TEFLON	
17	MILD STEEL	
18	STAINLESS	
19	MILD STEEL	
20	PLATED STEEL	
21	BRASS	
22	STAINLESS	
23	BRASS	
24	MILD STEEL	
25	MILD STEEL	
26	PLATED STEEL	
27	BRASS	
28	MILD STEEL	
29	STAINLESS	316L ALLOY
30	MILD STEEL	
31	MILD STEEL	

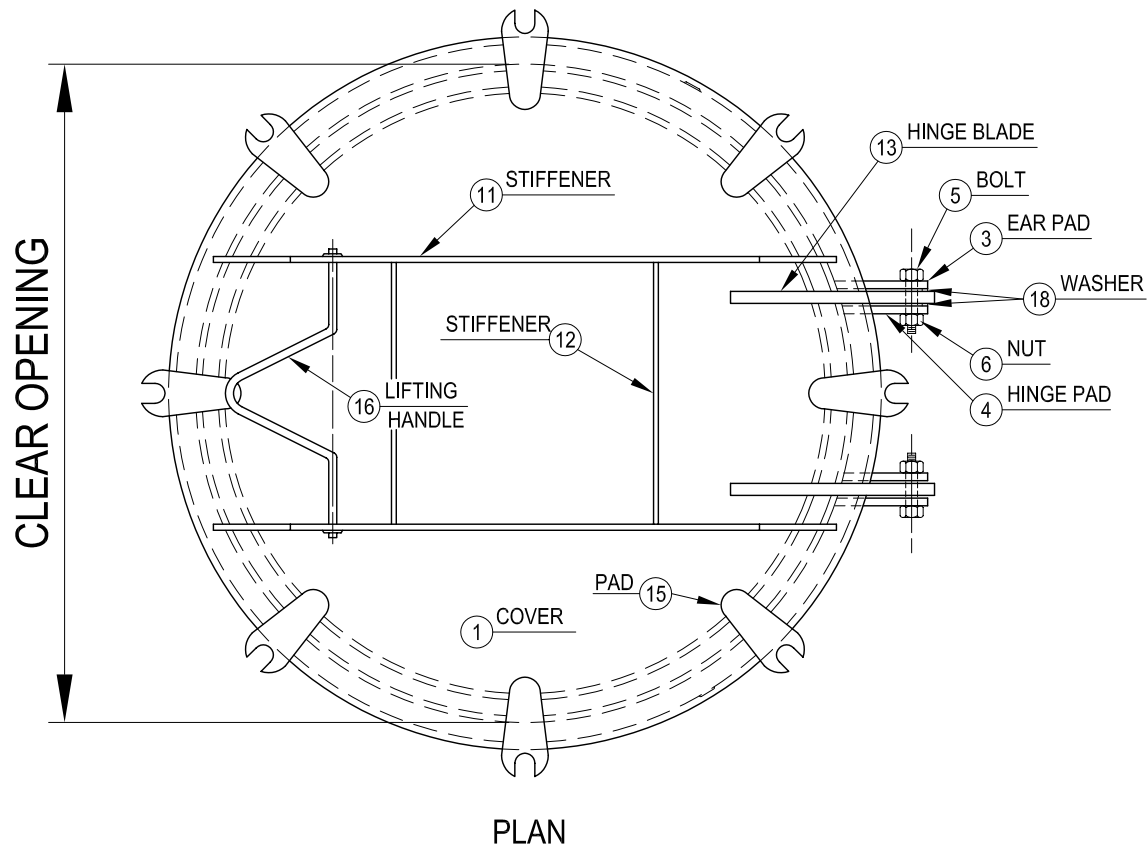
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

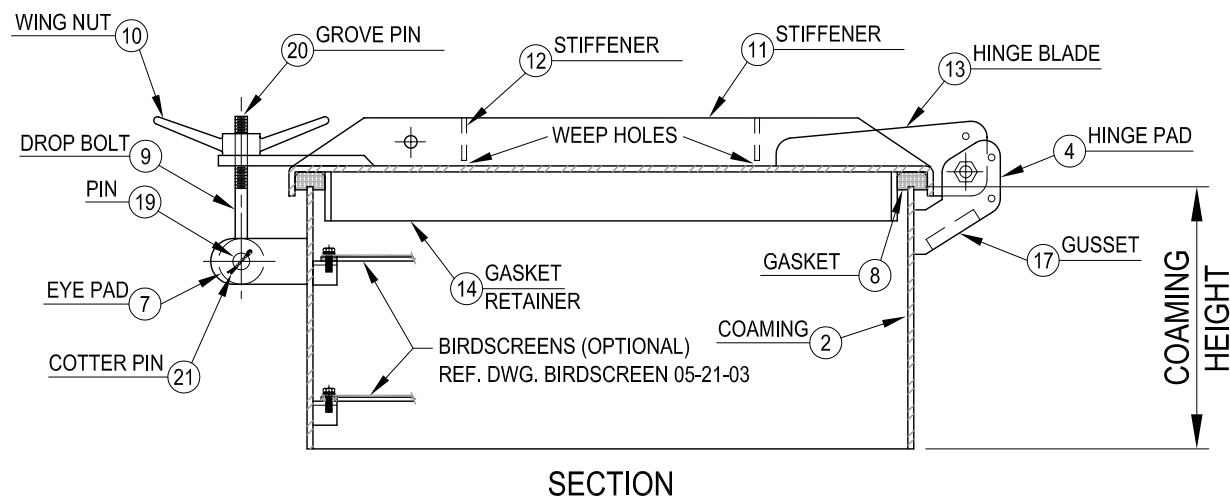
QUICK ACTING WATERTIGHT FLUSH HATCH

DWG. NO.: 205-MS

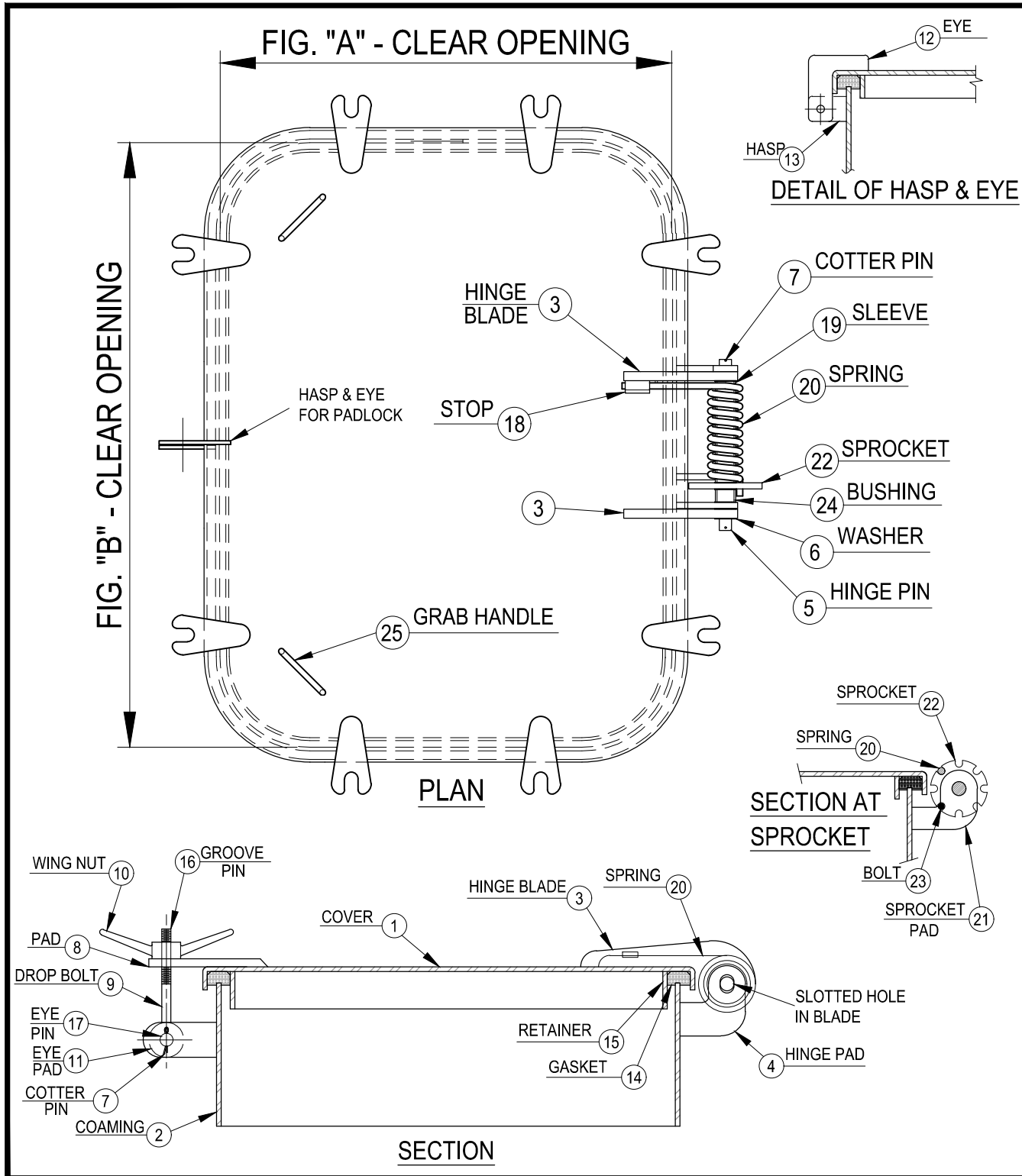
AFTER INSTALLATION, A 1" DRAIN HOLE PLUMBED OVERBOARD OR SUMP. (BY OTHERS)



SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	PLATED STEEL	
6	PLATED STEEL	
7	MILD STEEL	
8	NEOPRENE	
9	MANGANESE BRONZE	
10	MANGANESE BRONZE	
11	MILD STEEL	
12	MILD STEEL	
13	MILD STEEL	
14	MILD STEEL	
15	MILD STEEL	
16	COLD FINISH	
17	MILD STEEL	
18	STAINLESS	
19	BRASS	
20	STAINLESS	
21	STAINLESS	



CEN-TEX MARINE FABRICATORS, INC.
 SMITHVILLE, TEXAS
 WATERTIGHT HATCH WITH DROP BOLTS
 DWG. NO.: 206-MS



SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	STEEL	
6	STAINLESS	
7	STAINLESS	
8	STEEL	
9	MANGANESE BRZ	
10	MANGANESE BRZ	
11	MILD STEEL	
12	MILD STEEL	
13	MILD STEEL	
14	NEOPRENE	
15	MILD STEEL	
16	STAINLESS	
17	BRASS	
18	STEEL	
19	STEEL	
20	STAINLESS	
21	STEEL	
22	STEEL	
23	PLATED STEEL	
24	BRASS	
25	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

**RAISED WATERTIGHT WITH DROP BOLTS
AND SPRING ASSIST HATCH**

DWG. NO.: 207-MS

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	MILD STEEL	
9	MANGANESE BRZ	
10	MANGANESE BRZ	
11	STEEL	
12	MILD STEEL	
13	MILD STEEL	
14	STEEL	
15	NEOPRENE	
16	MILD STEEL	
17	STAINLESS	
18	BRASS	

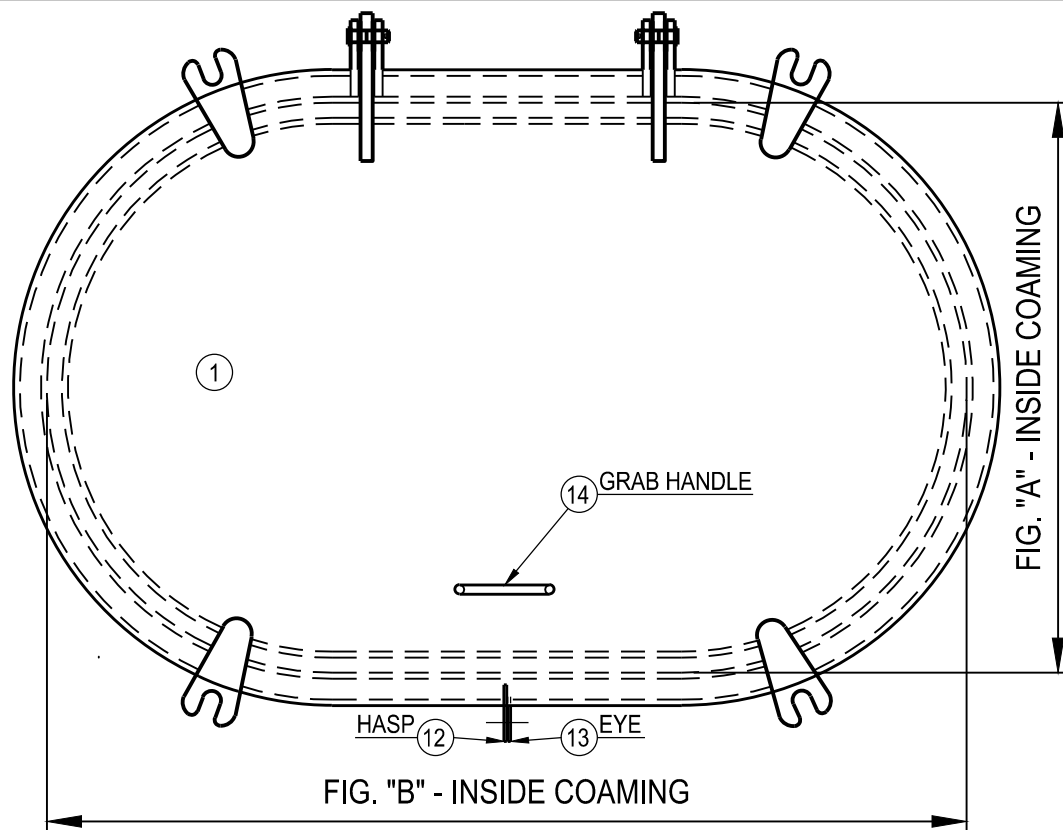
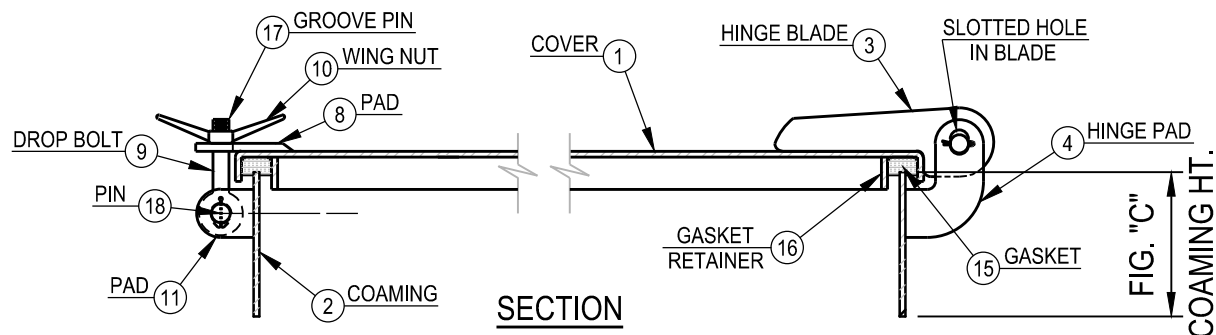
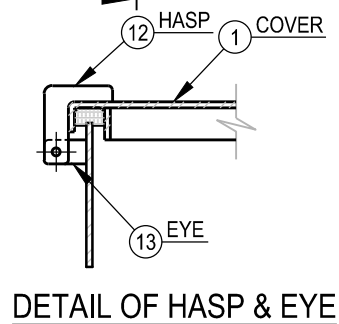
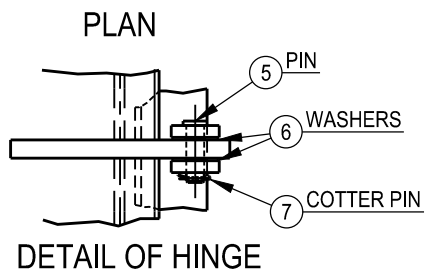
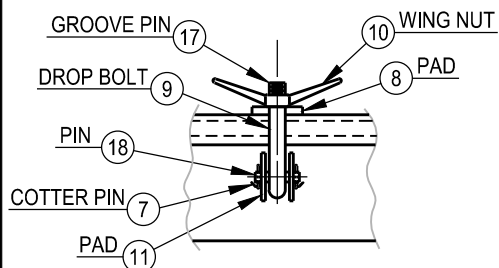


FIG. "B" - INSIDE COAMING



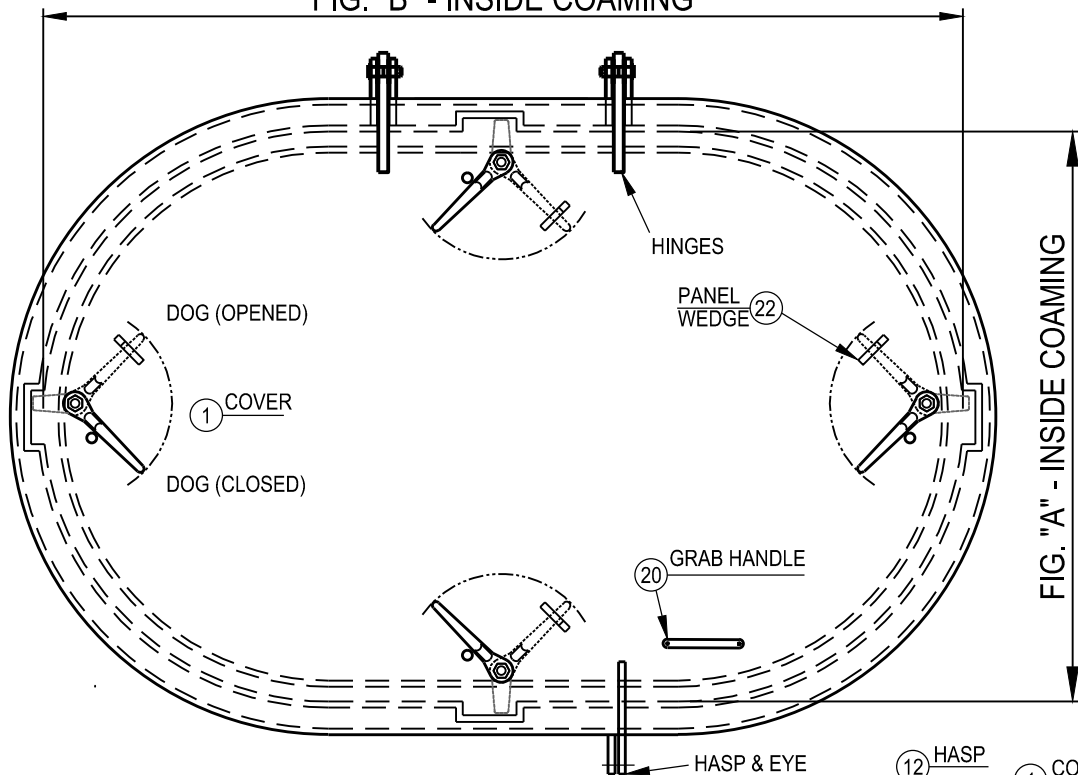
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

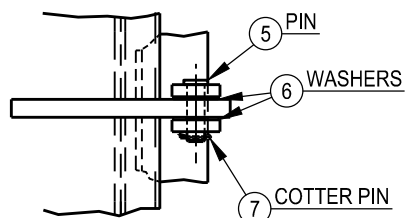
OVAL HATCH WITH DROP BOLTS

DWG. NO.: 208-MS

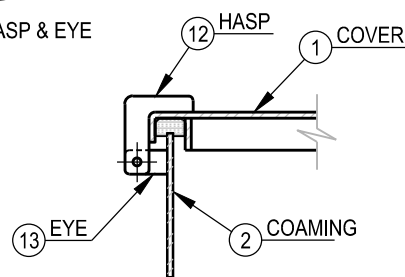
FIG. "B" - INSIDE COAMING



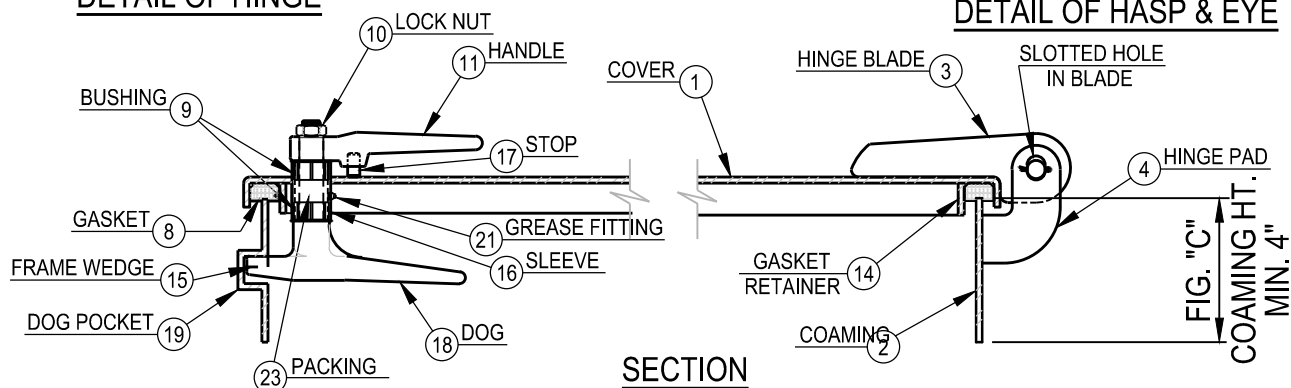
PLAN



DETAIL OF HINGE



DETAIL OF HASP & EYE



SECTION

SCHEDULE OF MATERIALS

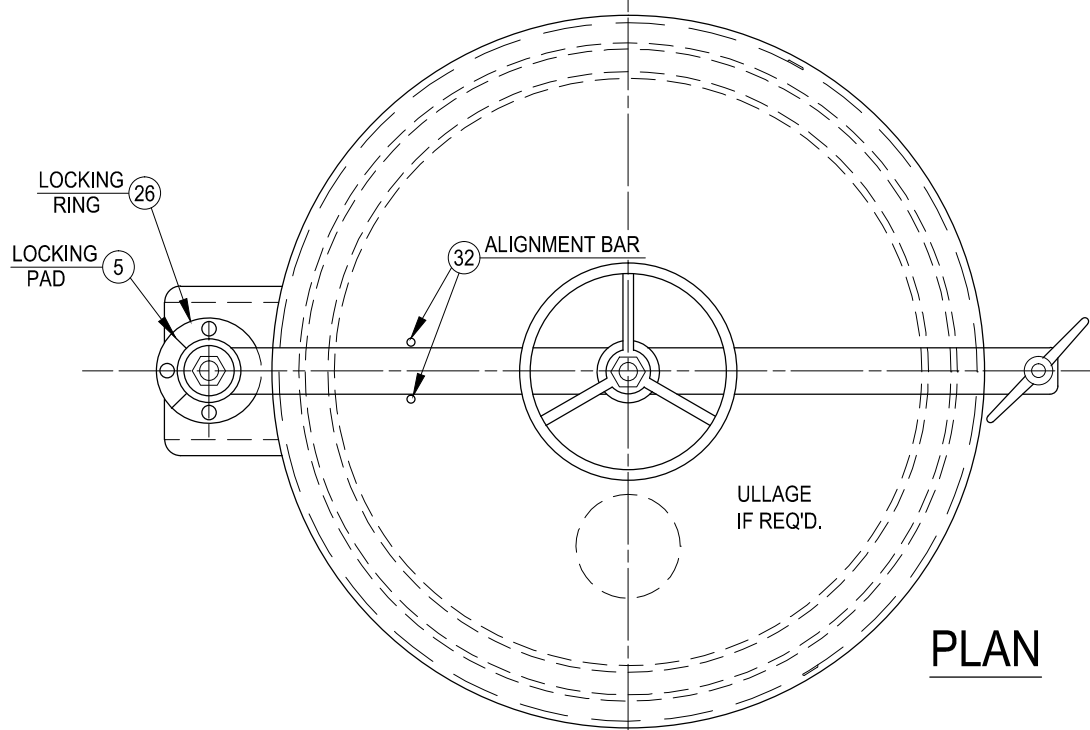
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	NEOPRENE	
9	DELTRIN	
10	PLATED STEEL	
11	FORGED STEEL	
12	MILD STEEL	
13	MILD STEEL	
14	MILD STEEL	
15	FORGED STEEL	
16	MILD STEEL	
17	MILD STEEL	
18	FORGED STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	PLATED STEEL	
22	MILD STEEL	
23	TEFLON	

CEN-TEX MARINE FABRICATORS, INC.

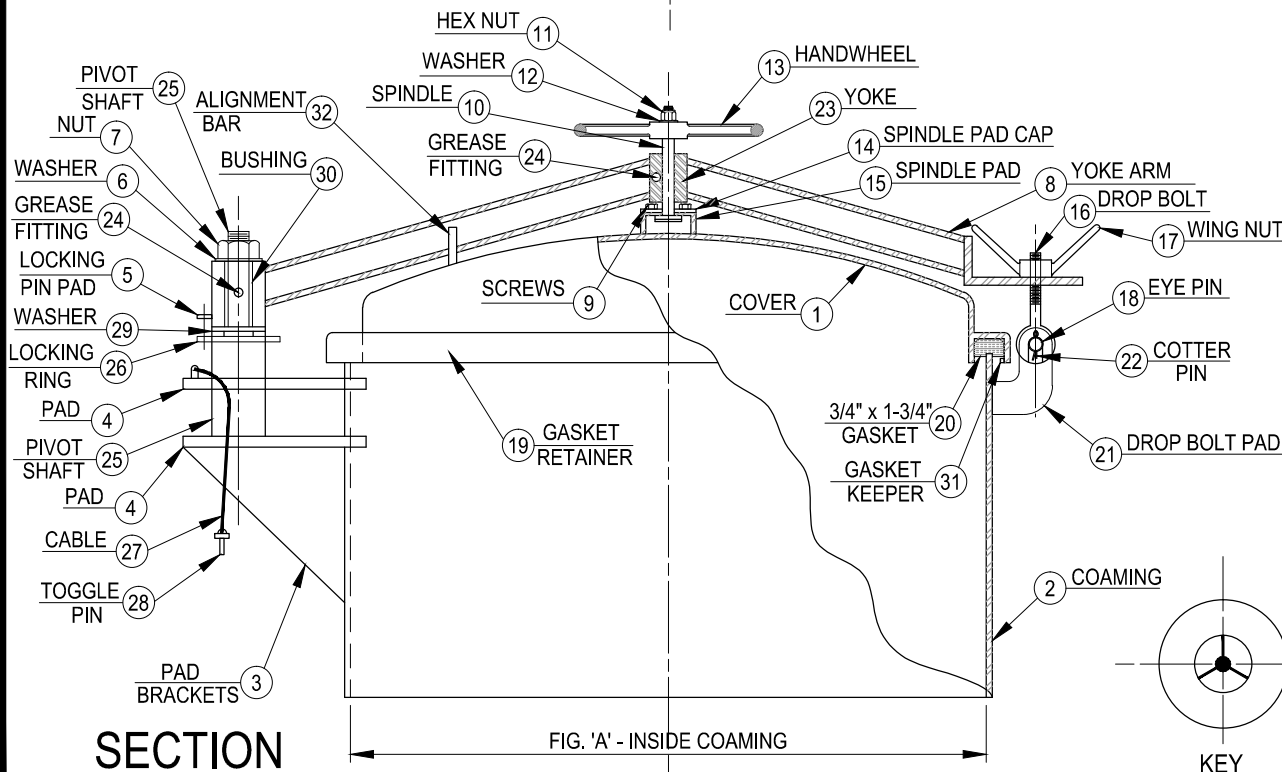
SMITHVILLE, TEXAS

WATERTIGHT HATCH WITH DOGS

DWG. NO.: 209-MS



PLAN



SECTION

SCHEDULE OF MATERIALS

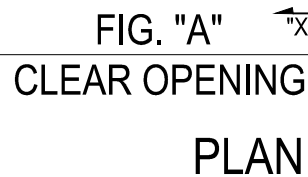
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	MILD STEEL	
6	PLATED STEEL	
7	PLATED STEEL	
8	MILD STEEL	
9	STAINLESS	
10	BRASS	
11	PLATED STEEL	
12	STAINLESS	
13	MILD STEEL	
14	MILD STEEL	
15	MILD STEEL	
16	MANGANESE BRZ	
17	MANGANESE BRZ	
18	BRASS	
19	MILD STEEL	
20	NEOPRENE	
21	MILD STEEL	
22	STAINLESS	
23	STEEL	
24	PLATED STEEL	
25	STEEL	
26	STEEL	
27	STAINLESS	
28	STAINLESS	
29	PLATED STEEL	
30	BRASS	
31	STEEL	
32	STEEL	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

OIL CARGO HATCH

DWG. NO.: 210-MS



1. AFTER INSTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)



AFTER INSTALLATION, A
1" DRAIN HOLE PLUMBED
OVERBOARD OR SUMP.
(BY OTHERS)

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	COLD FINISH	
6	STAINLESS	
7	NEOPRENE	
8	MILD STEEL	
9	FORGED STEEL	
10	STAINLESS	
11	BRASS	
12	STAINLESS	
13	DELRIN	
14	MANGANESE BRZ	
15	MILD STEEL	
16	TEFLON	
17	MILD STEEL	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	MILD STEEL	
22	PLATED STEEL	
23	STAINLESS	316L ALLOY

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

WATERTIGHT FLUSH HATCH

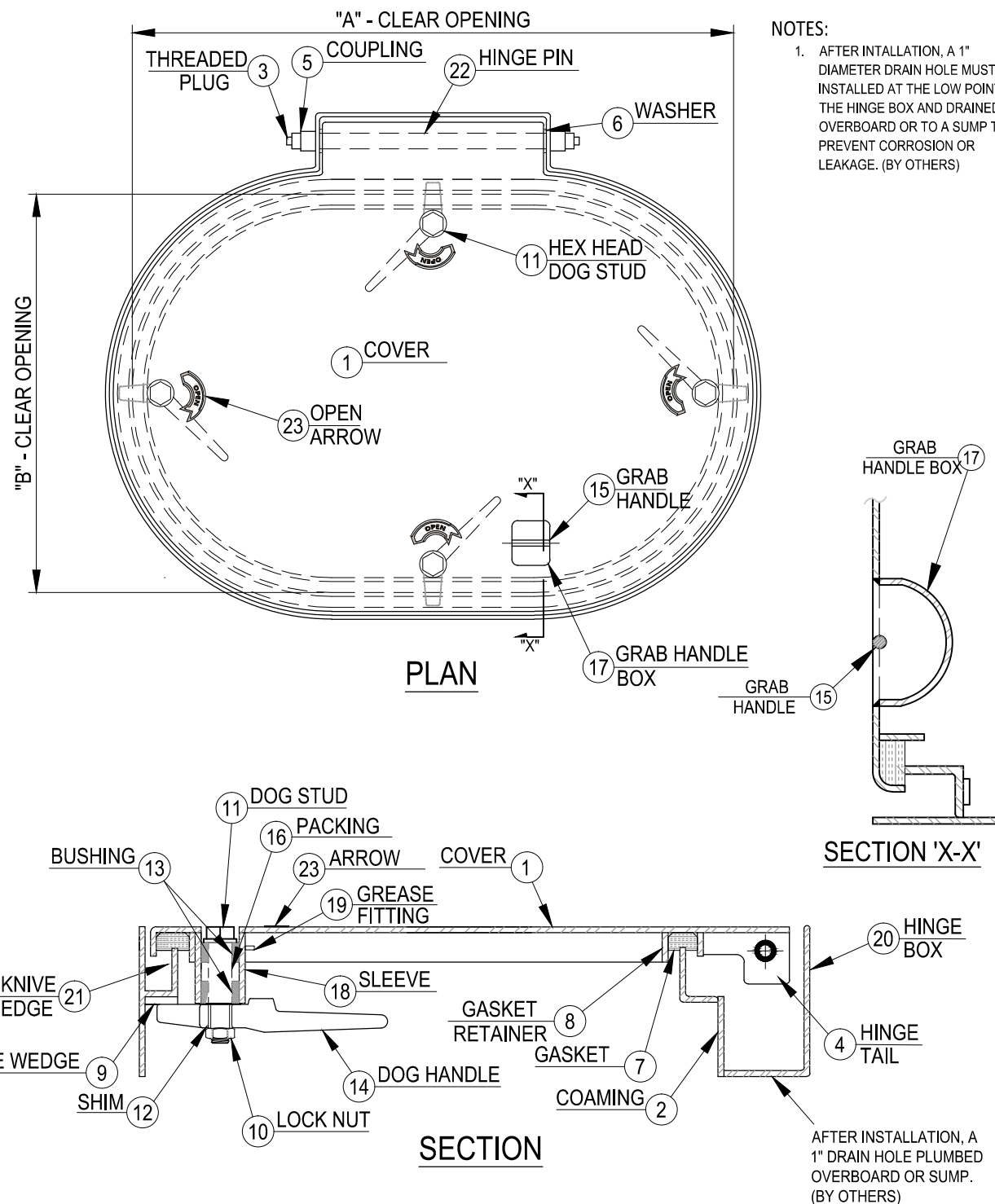
DWG. NO.: 211-MS

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	3/8" THK x 4" TALL
3	MILD STEEL	
4	MILD STEEL	
5	MILD STEEL	
6	STAINLESS	
7	NEOPRENE	
8	MILD STEEL	
9	FORGED STEEL	
10	STAINLESS	
11	BRASS	
12	STAINLESS	
13	DELTRIN	
14	MANGANESE BRONZE	
15	MILD STEEL	
16	TEFLON	
17	MILD STEEL	
18	MILD STEEL	
19	PLATED	
20	MILD STEEL	
21	MILD STEEL	
22	COLD FINISH	
23	STAINLESS	316L ALLOY

NOTES:

1. AFTER INTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)

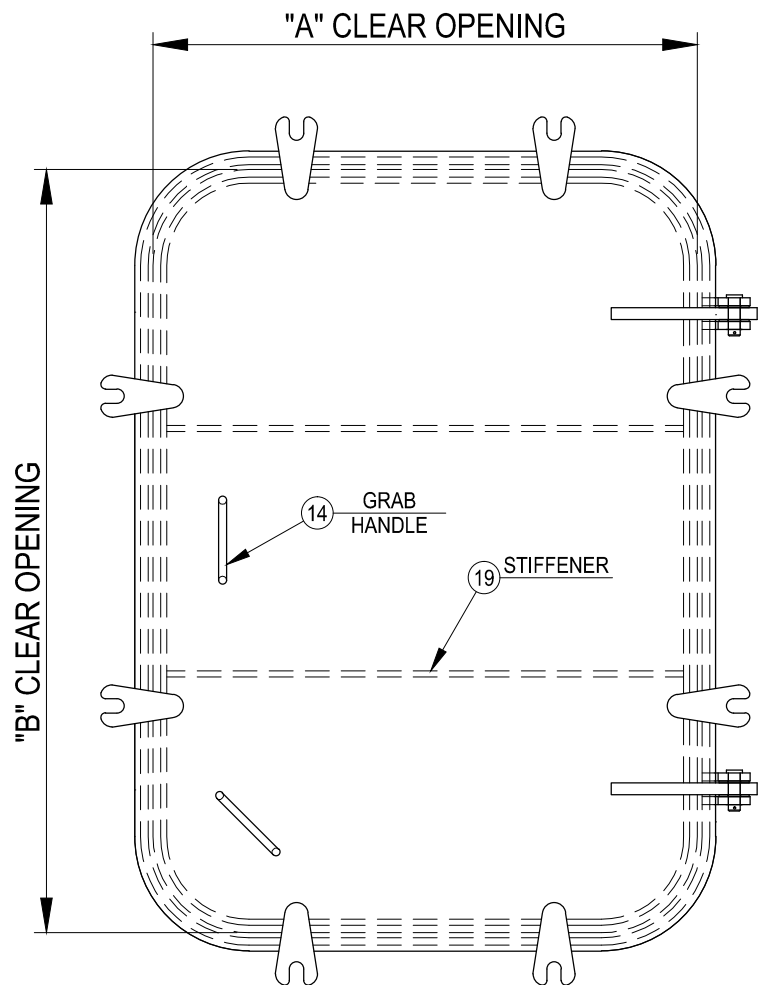


CEN-TEX MARINE FABRICATORS, INC.

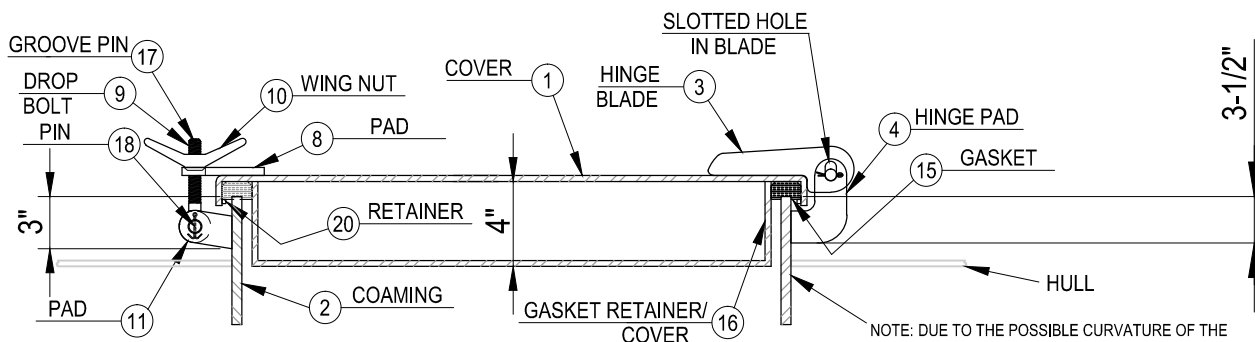
SMITHVILLE, TEXAS

WATERTIGHT FLUSH OVAL HATCH

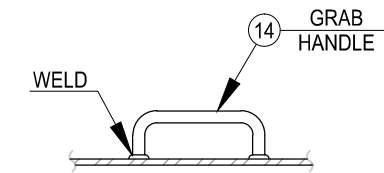
DWG. NO.: 212-MS



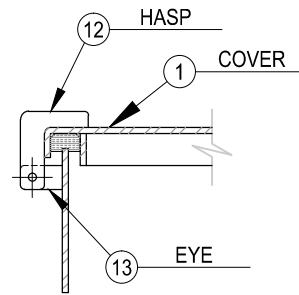
PLAN
RIGHT HAND SHOWN



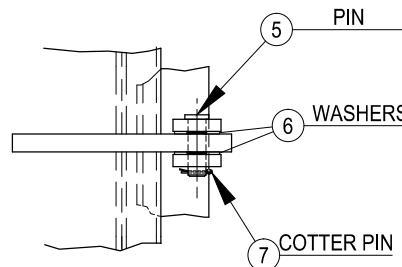
SECTION



DETAIL OF GRAB HANDLE



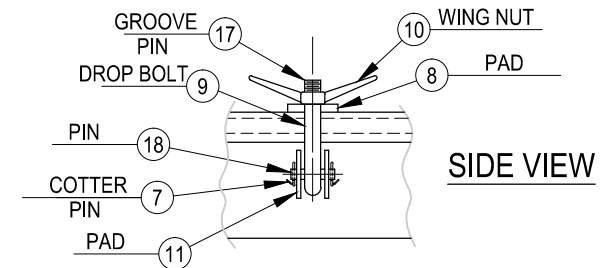
DETAIL OF HASP & EYE



DETAIL OF HINGE

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	3/8" THK.
2	MILD STEEL	5/8" THK. x 8" F.B.
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	MILD STEEL	
9	BRONZE	
10	BRONZE	
11	MILD STEEL	
12	MILD STEEL	
13	MILD STEEL	
14	MILD STEEL	
15	NEOPRENE	3/4" THK. x 1-3/4" WIDE
16	MILD STEEL	3/8" THK.
17	STAINLESS	
18	BRASS	
19	MILD STEEL	3/8" x 3-5/8" F.B.
20	MILD STEEL	1/4" SQUARE BAR

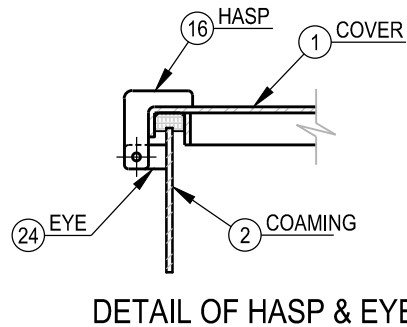
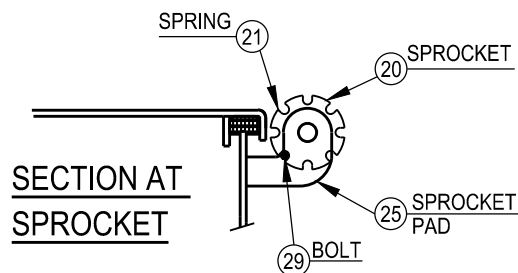
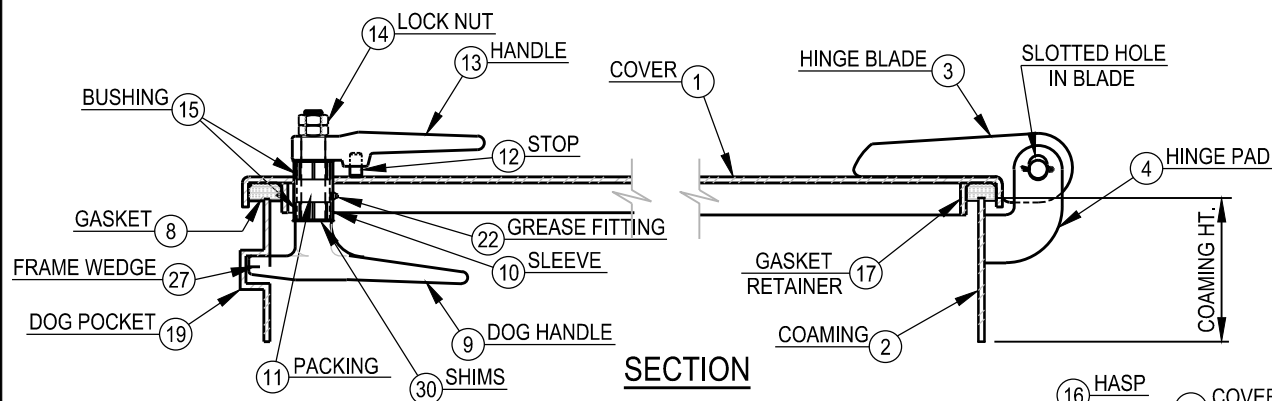
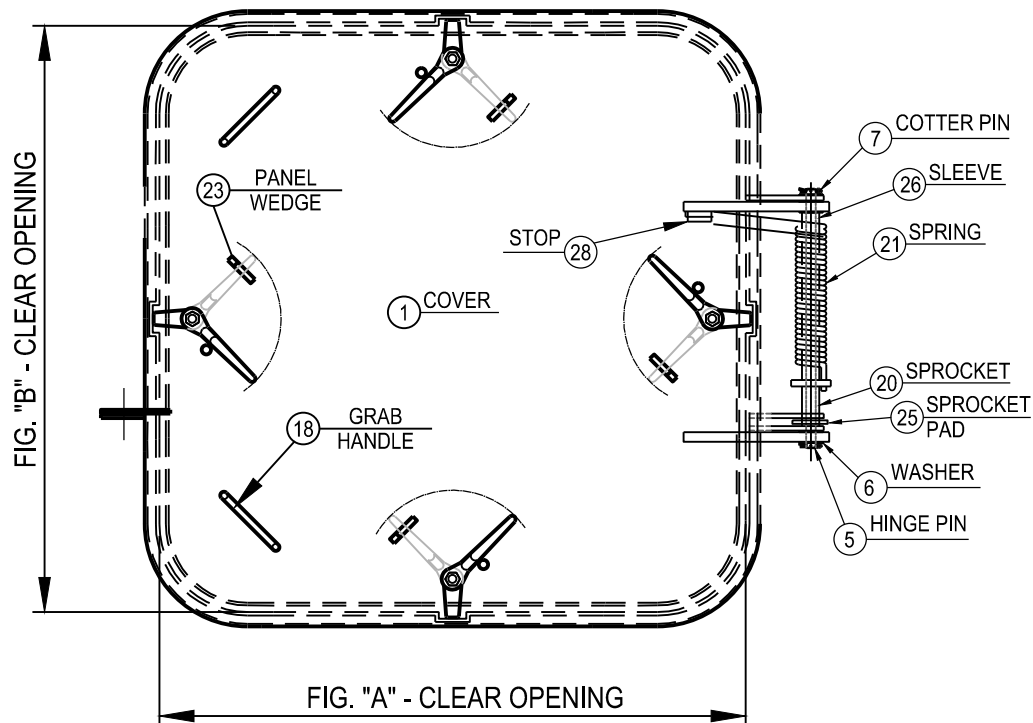


CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

HULL SIDE HATCH w/DROP BOLTS

DWG. NO.: 213-MS



SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	COLD FINISH	
6	STAINLESS	
7	STAINLESS	
8	NEOPRENE	
9	FORGED STEEL	
10	MILD STEEL	
11	TEFLON	
12	MILD STEEL	
13	FORGED STEEL	
14	PLATED STEEL	
15	DELFIN	
16	MILD STEEL	
17	MILD STEEL	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	STAINLESS	
22	PLATED STEEL	
23	MILD STEEL	
24	MILD STEEL	
25	MILD STEEL	
26	MILD STEEL	
27	FORGED STEEL	
28	MILD STEEL	
29	PLATED STEEL	
30	STAINLESS	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

WATERTIGHT SPRING ASSIST HATCH W/ DOGS

DWG. NO.: 214-MS

FIG. "A" - CLEAR OPENING

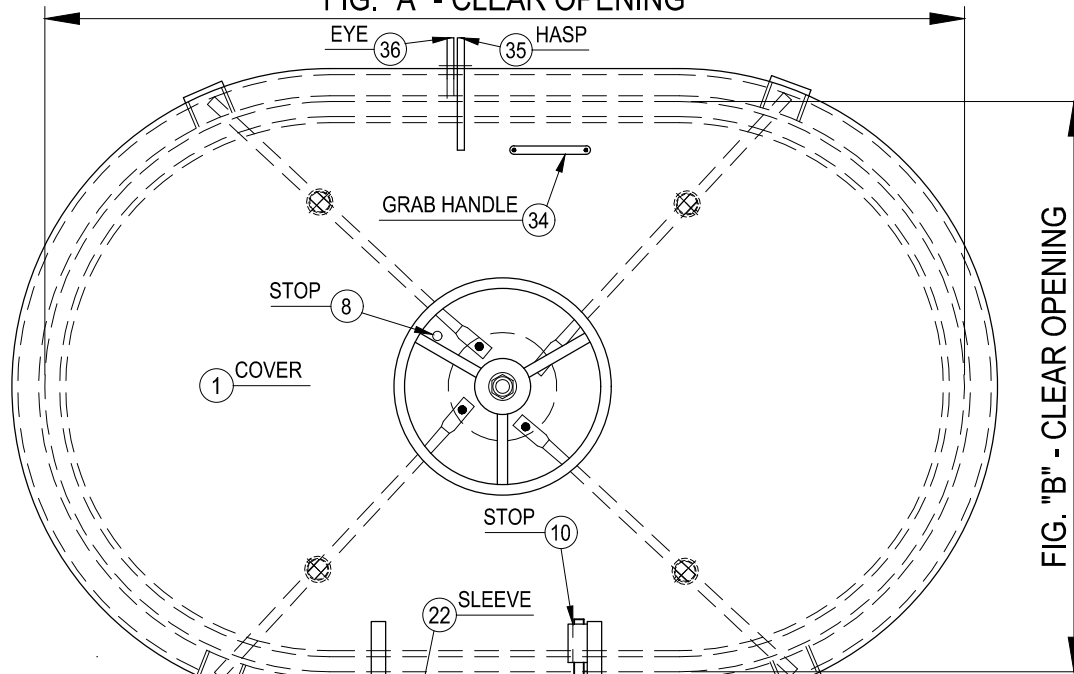
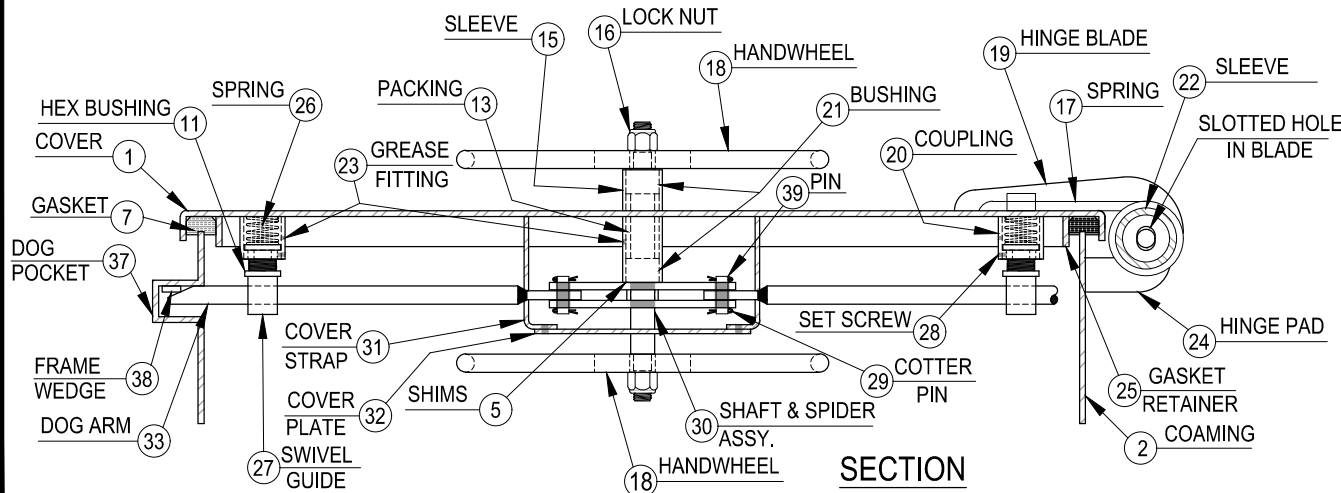
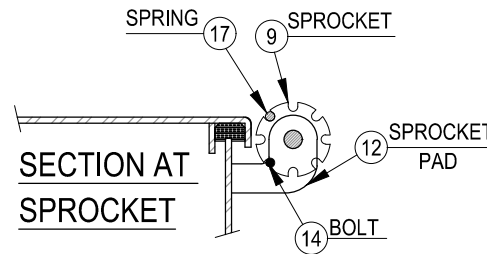


FIG. "B" - CLEAR OPENING



SCHEDULE OF MATERIALS

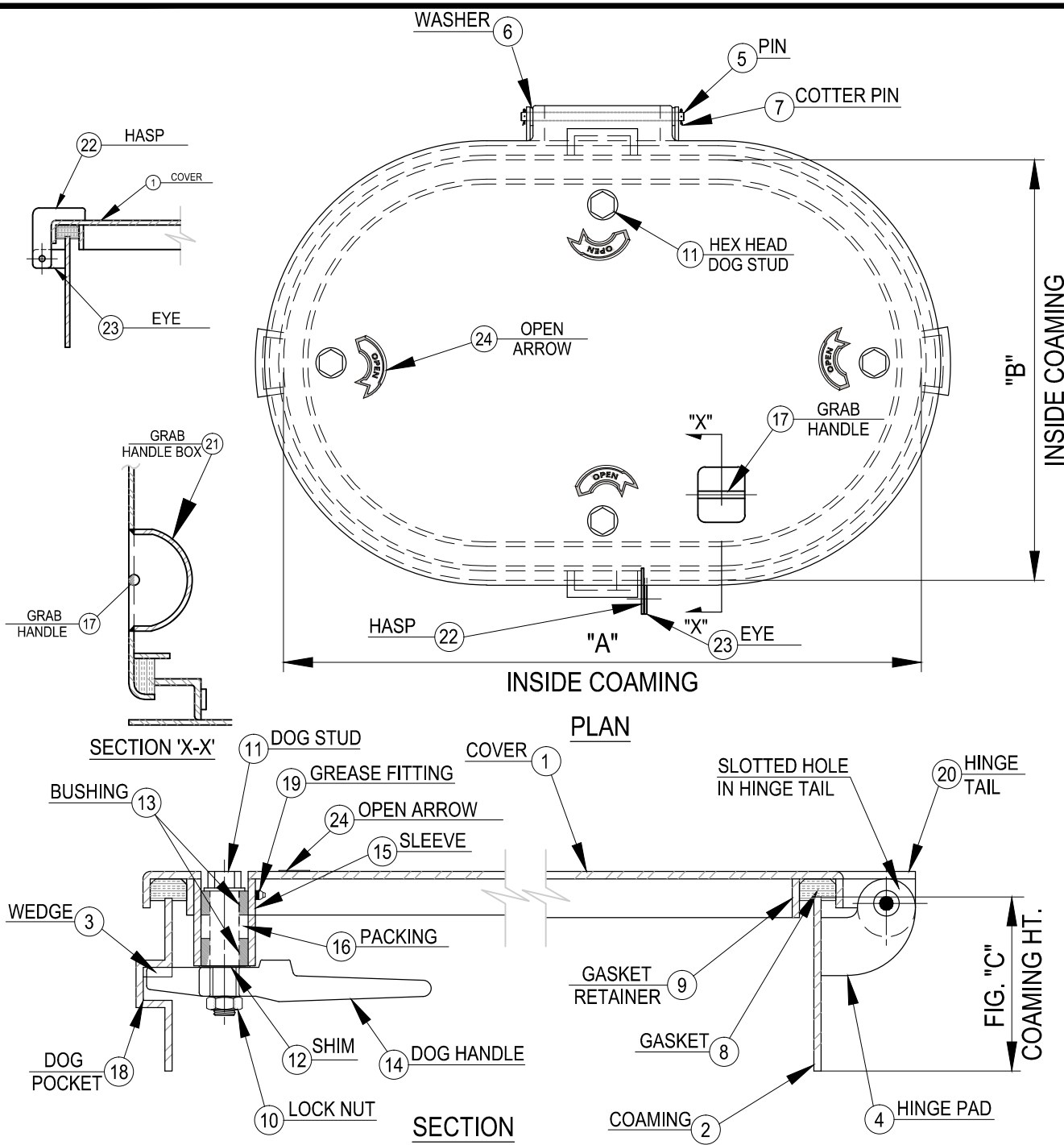
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	COLD FINISH	
4	STAINLESS	
5	STAINLESS	
6	STAINLESS	
7	NEOPRENE	
8	MILD STEEL	
9	MILD STEEL	
10	MILD STEEL	
11	BRASS	
12	MILD STEEL	
13	TEFLON	
14	PLATED STEEL	
15	STEEL	
16	PLATED STEEL	
17	STAINLESS	
18	MILD STEEL	
19	MILD STEEL	
20	STEEL	
21	DELTRIN	
22	STEEL	
23	PLATED STEEL	
24	MILD STEEL	
25	MILD STEEL	
26	SPRING STEEL	
27	BRASS	
28	PLATED STEEL	
29	STAINLESS	
30	COLD FINISH	
31	MILD STEEL	
32	MILD STEEL	
33	COLD FINISH	
34	MILD STEEL	
35	MILD STEEL	
36	MILD STEEL	
37	MILD STEEL	
38	FORGED STEEL	
39	BRASS	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

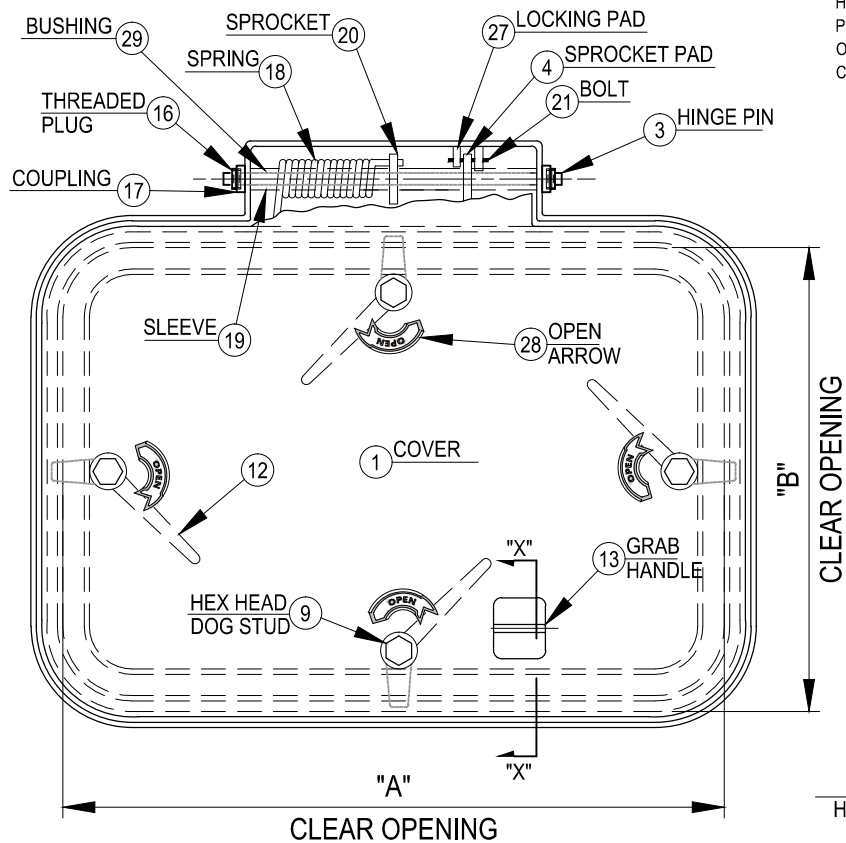
SPRING ASSIST, QUICK ACTING WATERTIGHT
RAISED OVAL HATCH

DWG. NO.: 215-MS

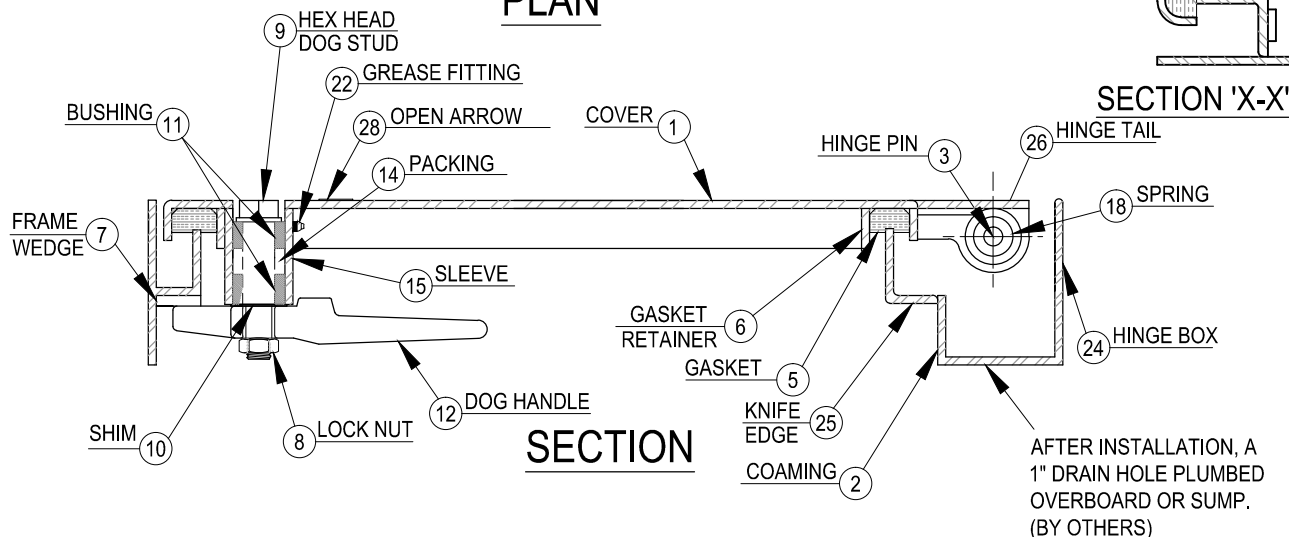


SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	FORGED STEEL	
4	MILD STEEL	
5	COLD FINISH	
6	STAINLESS	
7	STAINLESS	
8	NEOPRENE	
9	PLATED STEEL	
10	STEEL	
11	BRASS	
12	STAINLESS	
13	DELTRIN	
14	MANGANESE BRONZE	
15	COLD FINISH	
16	TEFLON	
17	MILD STEEL	
18	MILD STEEL	
19	PLATED	
20	MILD STEEL	
21	MILD STEEL	
22	MILD STEEL	
23	MILD STEEL	
24	STAINLESS	316L ALLOY

CEN-TEX MARINE FABRICATORS, INC.
 SMITHVILLE, TEXAS
 FLUSH COVER ON RAISED OVAL HATCH
 DWG. NO.: 216-MS



PLAN



SECTION

NOTES:

1. AFTER INSTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)

SCHEDULE OF MATERIALS

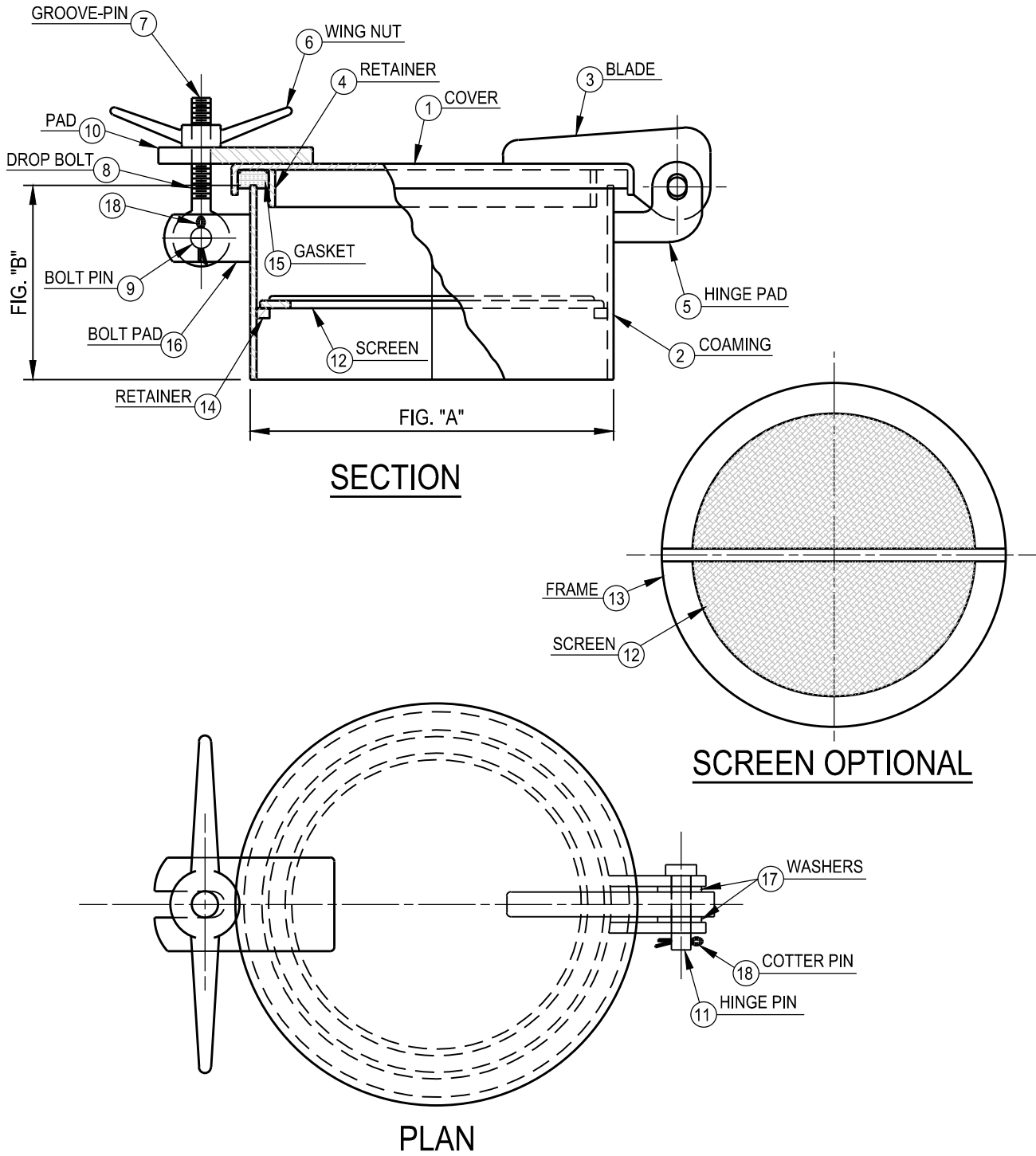
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	COLD FINISH	
4	MILD STEEL	
5	NEOPRENE	
6	MILD STEEL	
7	FORGED STEEL	
8	STAINLESS	
9	BRASS	
10	STAINLESS	
11	DELFIN	
12	MANGANESE BRONZE	
13	MILD STEEL	
14	TEFLON	
15	MILD STEEL	
16	MILD STEEL	
17	MILD STEEL	
18	STAINLESS	
19	MILD STEEL	
20	MILD STEEL	
21	PLATED STEEL	
22	PLATED STEEL	
23	MILD STEEL	
24	MILD STEEL	
25	MILD STEEL	
26	MILD STEEL	
27	MILD STEEL	
28	STAINLESS	316L ALLOY
29	BRONZE	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

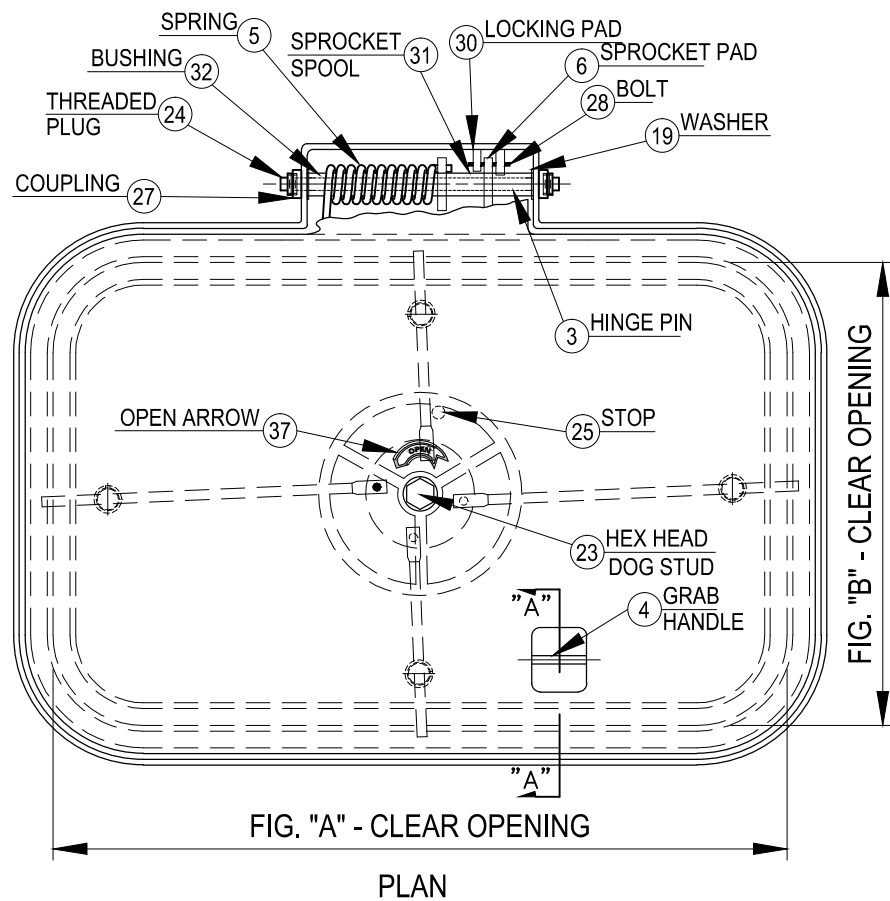
WATERTIGHT FLUSH HATCH W/ SPRING ASSIST COVER
& RECESSED SPRING

DWG. NO.: 217-MS



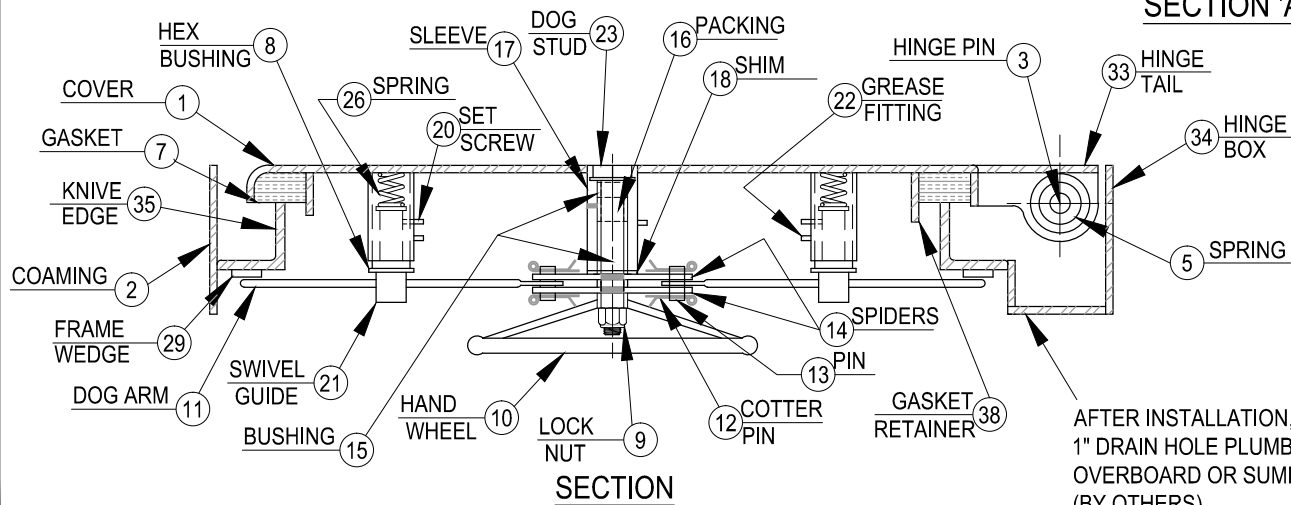
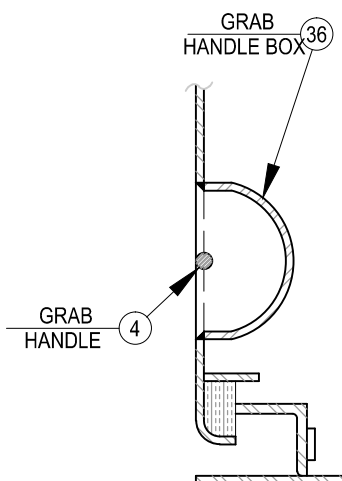
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	MILD STEEL	
6	MANGANESE BRONZE	
7	STAINLESS	
8	MANGANESE BRONZE	
9	BRASS	
10	MILD STEEL	
11	BRASS	
12	STAINLESS	
13	STAINLESS	
14	MILD STEEL	
15	NEOPRENE	
16	MILD STEEL	
17	STAINLESS	
18	STAINLESS	

CEN-TEX MARINE FABRICATORS, INC.
 SMITHVILLE, TEXAS
 ULLAGE HATCH
 DWG. NO.: 218-MS



NOTES:

1. AFTER INSTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)



SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	COLD FINISH	
4	MILD STEEL	
5	STAINLESS	
6	MILD STEEL	
7	NEOPRENE	
8	BRASS	
9	STAINLESS	
10	MILD STEEL	
11	COLD FINISH	
12	STAINLESS	
13	BRASS	
14	MILD STEEL	
15	DELTRIN	
16	TEFLON	
17	MILD STEEL	
18	STAINLESS	
19	STAINLESS	
20	PLATED STEEL	
21	BRASS	
22	PLATED STEEL	
23	BRASS	
24	MILD STEEL	
25	MILD STEEL	
26	SPRING STEEL	
27	MILD STEEL	
28	PLATED STEEL	
29	STAINLESS	
30	MILD STEEL	
31	MILD STEEL	
32	BRONZE	
33	MILD STEEL	
34	MILD STEEL	
35	MILD STEEL	
36	MILD STEEL	
37	STAINLESS	316L ALLOY
38	MILD STEEL	

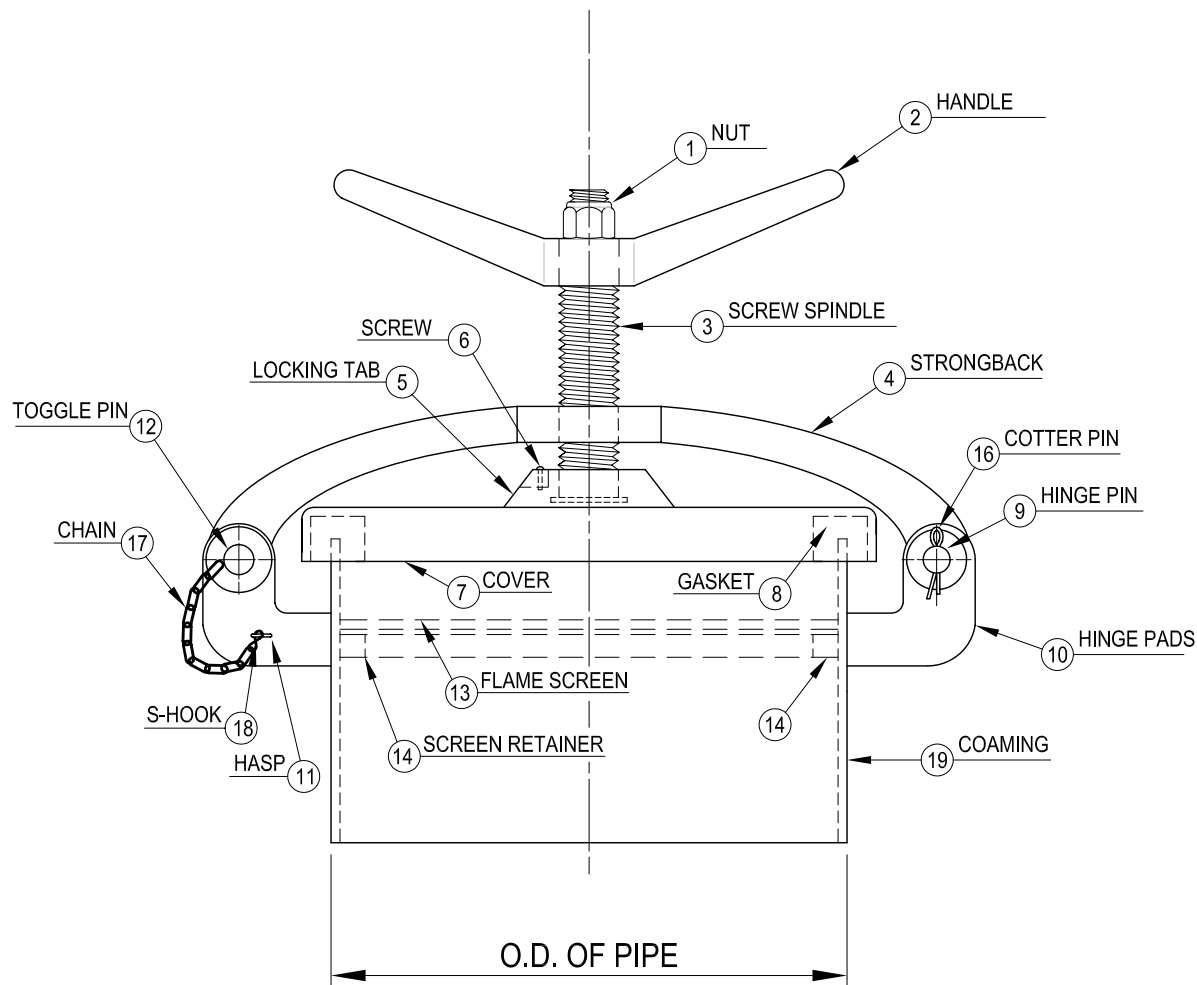
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

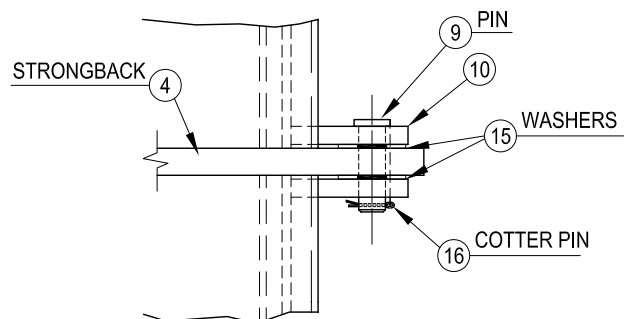
QUICK ACTING WATERTIGHT FLUSH HATCH
WITH RECESSED SPRING

DWG. NO.: 219-MS

AFTER INSTALLATION, A
1" DRAIN HOLE PLUMBED
OVERBOARD OR SUMP.
(BY OTHERS)



ELEVATION



DETAIL OF HINGE

SCHEDULE OF MATERIALS

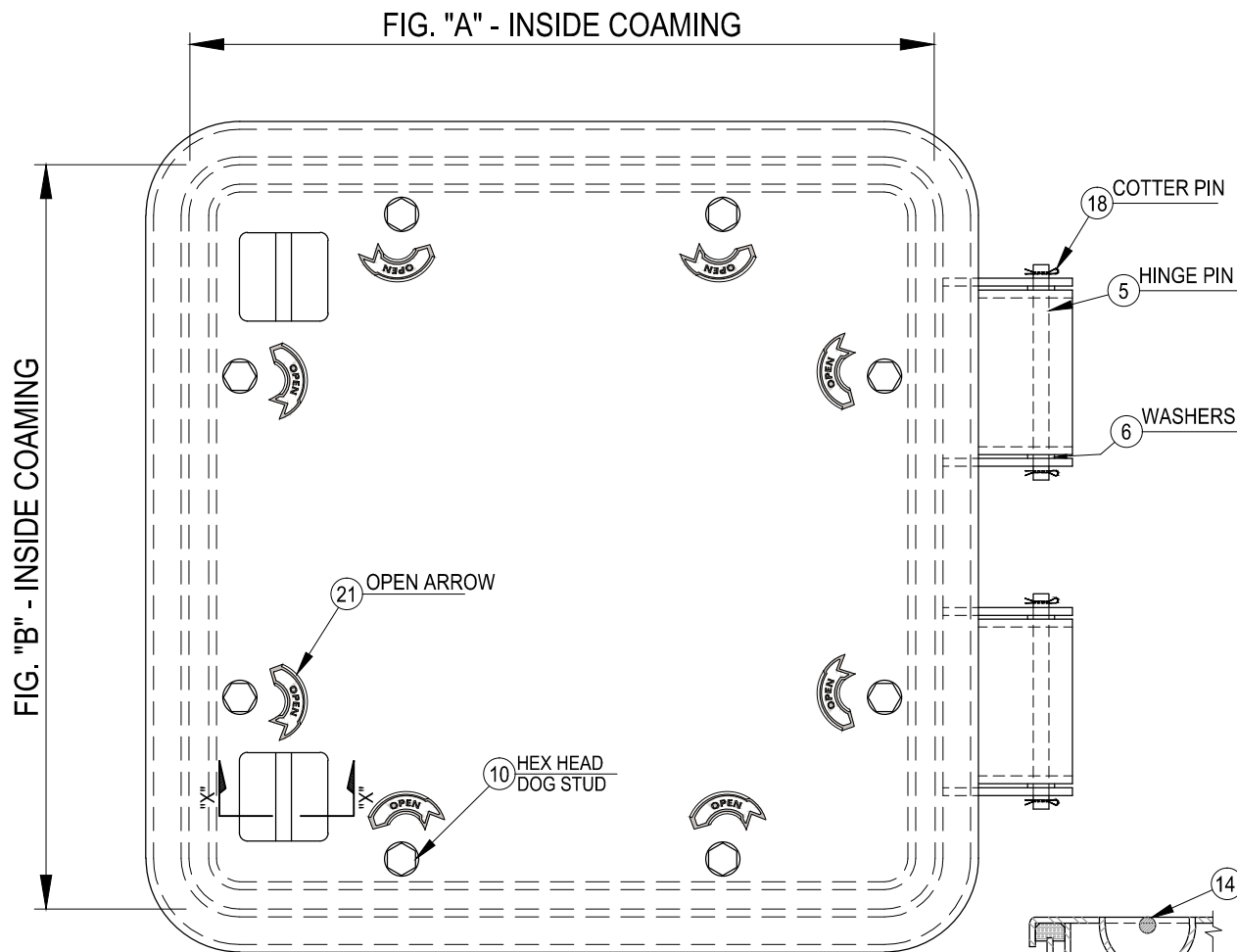
PC.	MATERIAL	REMARKS
1	BRASS	
2	BRASS	
3	BRASS	
4	BRASS	
5	BRASS	
6	BRASS	
7	BRASS	
8	NEOPRENE	
9	BRASS	
10	MILD STEEL	
11	MILD STEEL	
12	BRASS	
13	BRASS	ST. STL. & STEEL WIRE
14	MILD STEEL	
15	BRASS	
16	STAINLESS	
17	BRASS	
18	BRASS	
19	STEEL	

CEN-TEX MARINE FABRICATORS, INC.

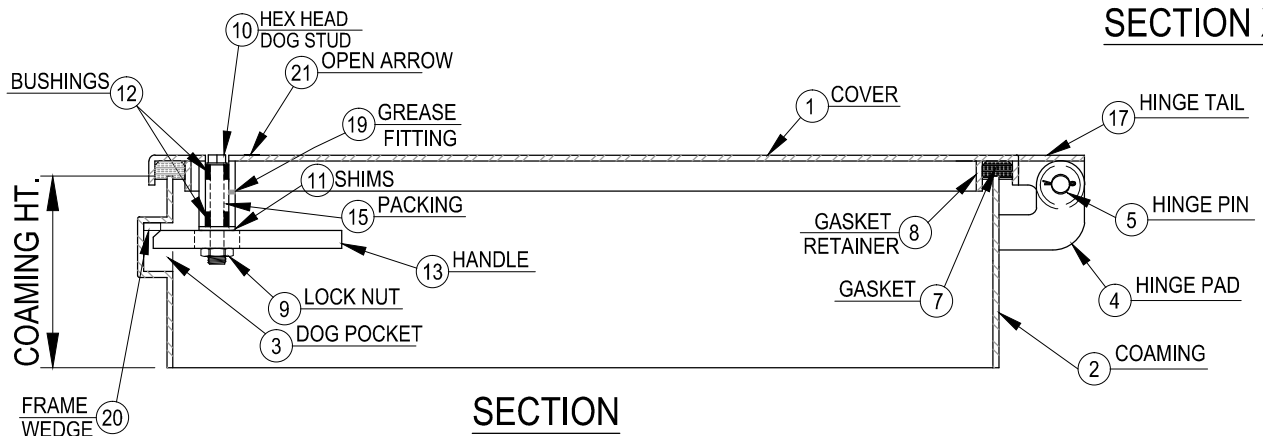
SMITHVILLE, TEXAS

ULLAGE HATCH

DWG. NO.: 220-MS



PLAN



SCHEDULE OF MATERIALS

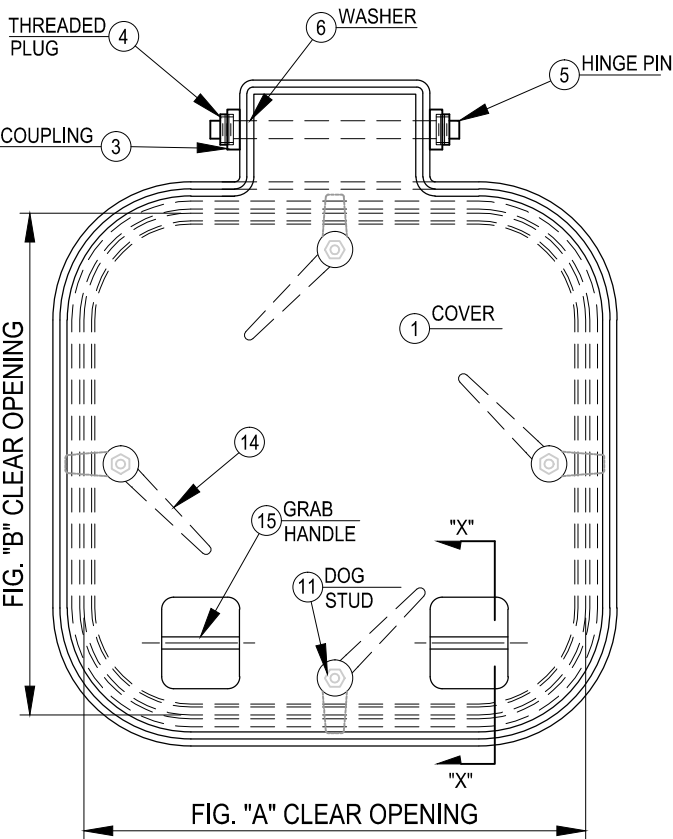
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	COLD FINISH	
6	STAINLESS	
7	NEOPRENE	
8	MILD STEEL	
9	STAINLESS	
10	BRASS	
11	STAINLESS	
12	DELTRIN	
13	MANGANESE BRONZE	
14	MILD STEEL	
15	TEFLON	
16	MILD STEEL	
17	MILD STEEL	
18	STAINLESS	
19	PLATED STEEL	
20	FORGED STEEL	
21	STAINLESS	316 ALLOY

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

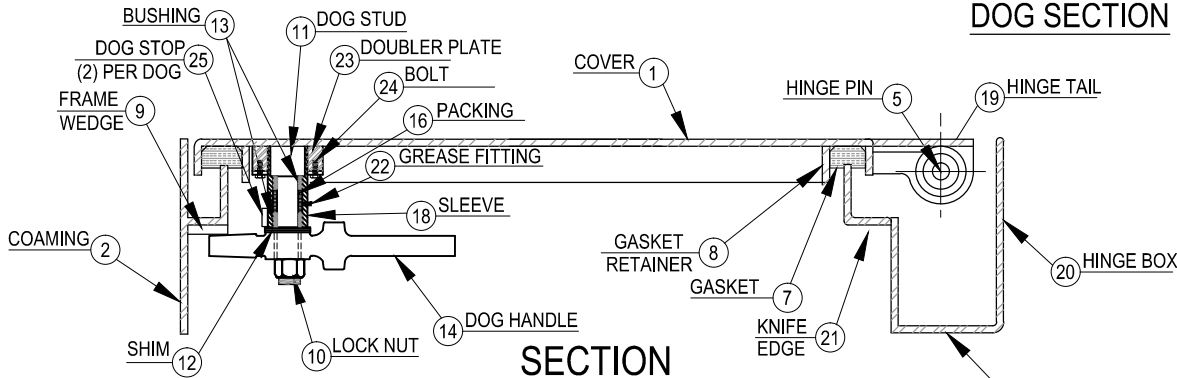
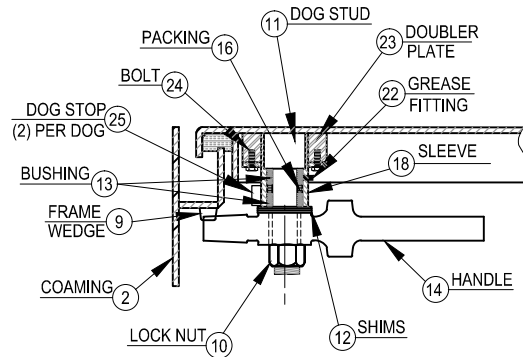
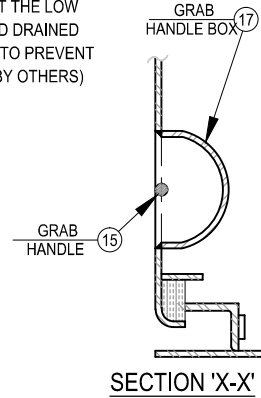
RAISED REC. HATCH W/ FLUSH COVER
& FLUSH HINGE ASSY.

DWG. NO.: 221-MS



NOTES:

1. AFTER INTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)



AFTER INSTALLATION, A 1" DRAIN HOLE PLUMBED OVERBOARD OR SUMP. (BY OTHERS)

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	COLD FINISH	
6	STAINLESS	
7	NEOPRENE	
8	MILD STEEL	
9	FORGED STEEL	
10	STAINLESS	
11	BRASS	
12	STAINLESS	
13	DELTRIN	
14	MANGANESE BRZ	
15	MILD STEEL	
16	TEFLON	
17	MILD STEEL	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	MILD STEEL	
22	PLATED STEEL	
23	MILD STEEL	
24	PLATED STEEL	
25	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

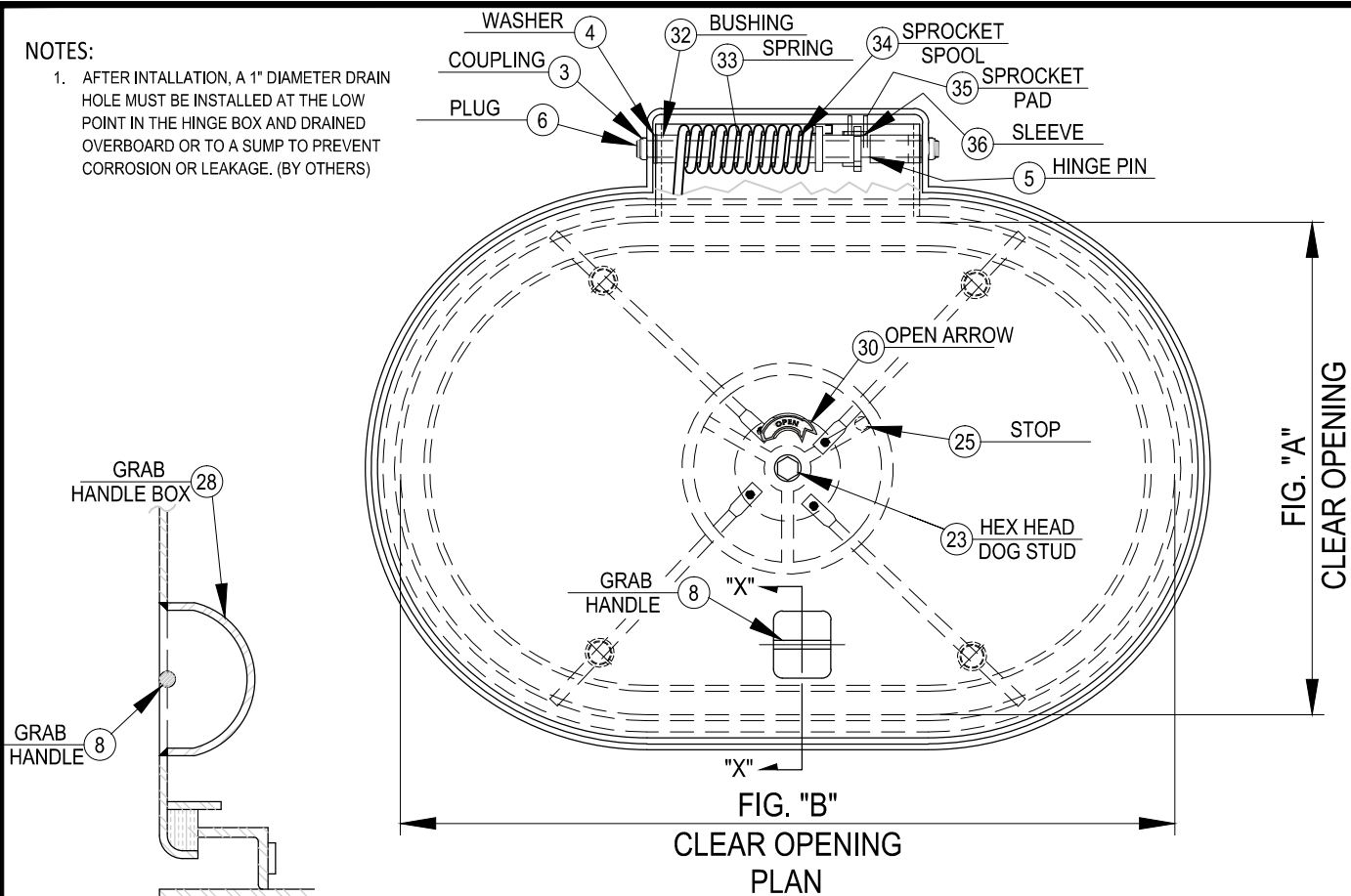
SMITHVILLE, TEXAS

FLUSH WATERTIGHT HATCH W/ BOTTOM OPERATED INDIVIDUAL DOGS

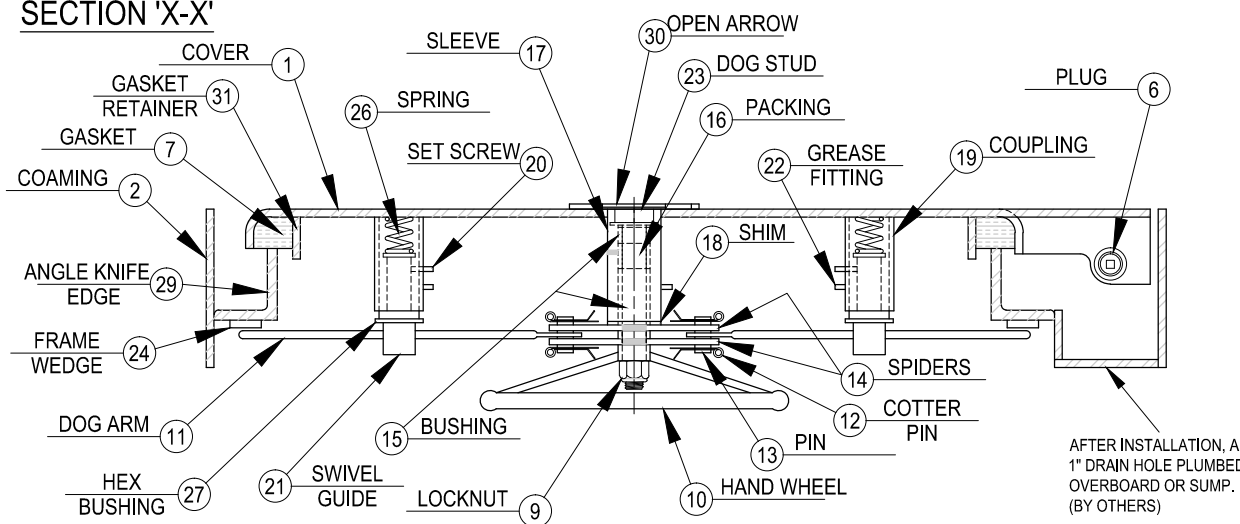
DWG. NO.: 222-MS

NOTES:

1. AFTER INSTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)



SECTION 'X-X'



SECTION

SCHEDULE OF MATERIALS

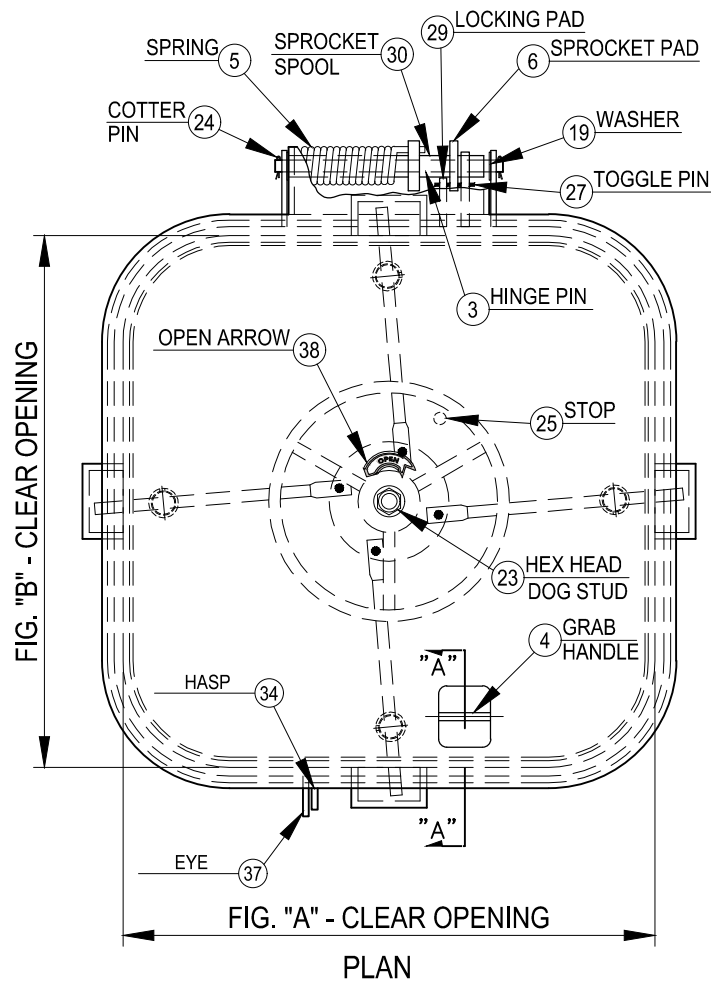
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	STAINLESS	
5	COLD FINISH	
6	STEEL	
7	NEOPRENE	
8	MILD STEEL	
9	STAINLESS	
10	MILD STEEL	
11	COLD FINISH	
12	STAINLESS	
13	BRASS	
14	MILD STEEL	
15	DELFIN	
16	TEFLON	
17	MILD STEEL	
18	STAINLESS	
19	MILD STEEL	
20	PLATED STEEL	
21	BRASS	
22	PLATED STEEL	
23	BRASS	
24	STAINLESS	
25	MILD STEEL	
26	PLATED STEEL	
27	BRASS	
28	MILD STEEL	
29	MILD STEEL	
30	STAINLESS	316L ALLOY
31	MILD STEEL	
32	BRONZE	
33	STAINLESS	
34	MILD STEEL	
35	MILD STEEL	
36	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

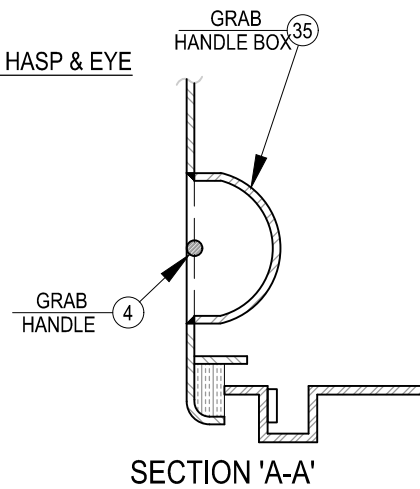
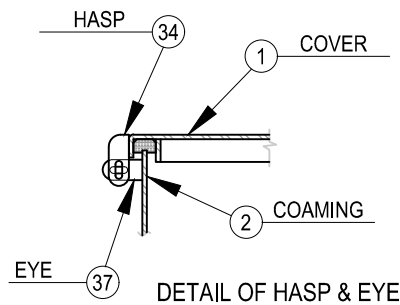
SMITHVILLE, TEXAS

FLUSH QUICK ACTING OVAL WATERTIGHT HATCH
WITH RECESSED SPRING

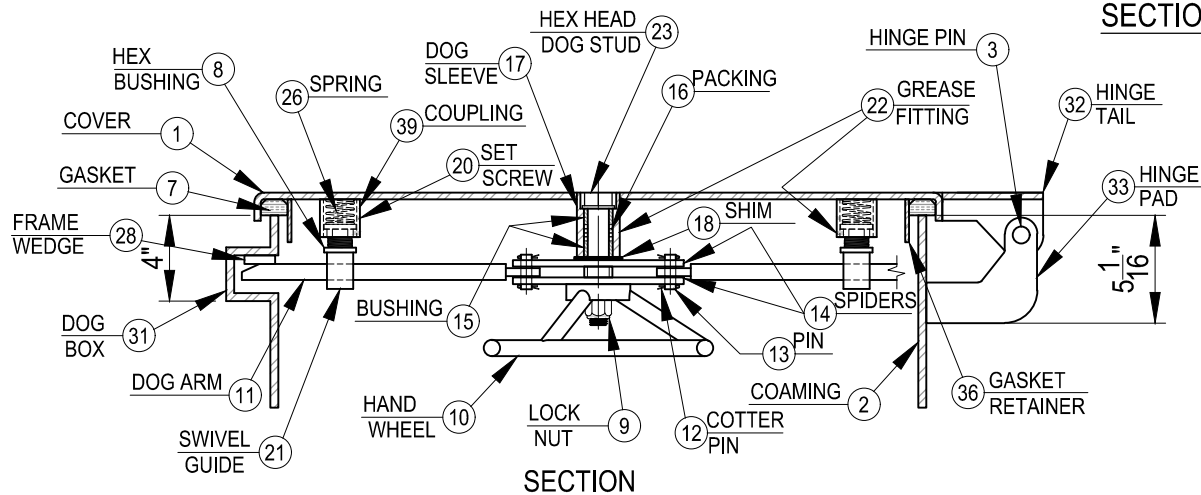
DWG. NO.: 223-MS



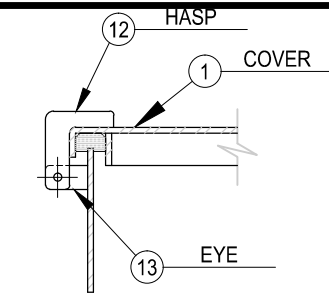
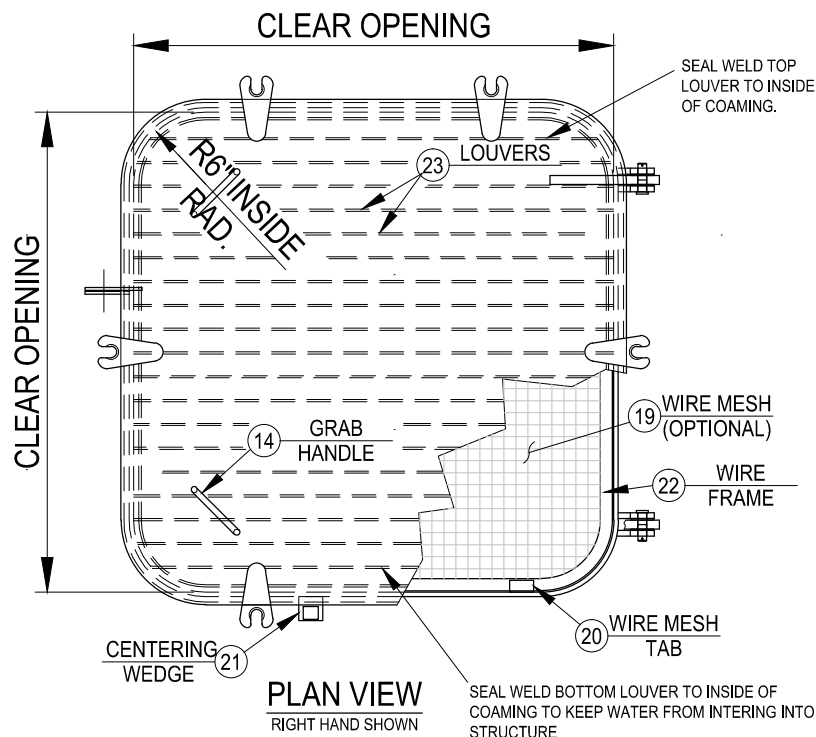
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
33	MILD STEEL	
34	MILD STEEL	
35	MILD STEEL	
36	MILD STEEL	
37	MILD STEEL	
38	STAINLESS	316L
39	MILD STEEL	



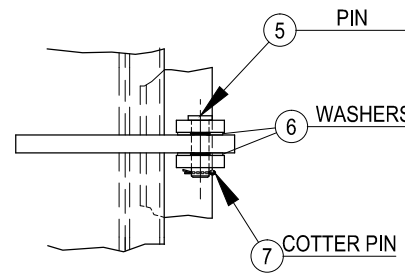
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	COLD FINISH	
4	MILD STEEL	
5	STAINLESS	
6	MILD STEEL	
7	NEOPRENE	
8	BRASS	
9	PLATED STEEL	
10	MILD STEEL	
11	COLD FINISH	
12	STAINLESS	
13	BRASS	
14	MILD STEEL	
15	DELIN	
16	TEFLON	
17	MILD STEEL	
18	STAINLESS	
19	STAINLESS	
20	PLATED STEEL	
21	BRASS	
22	PLATED STEEL	
23	BRASS	
24	STAINLESS	
25	MILD STEEL	
26	SPRING STEEL	
27	PLATED STEEL	
28	MILD STEEL	
29	MILD STEEL	
30	MILD STEEL	
31	MILD STEEL	
32	MILD STEEL	



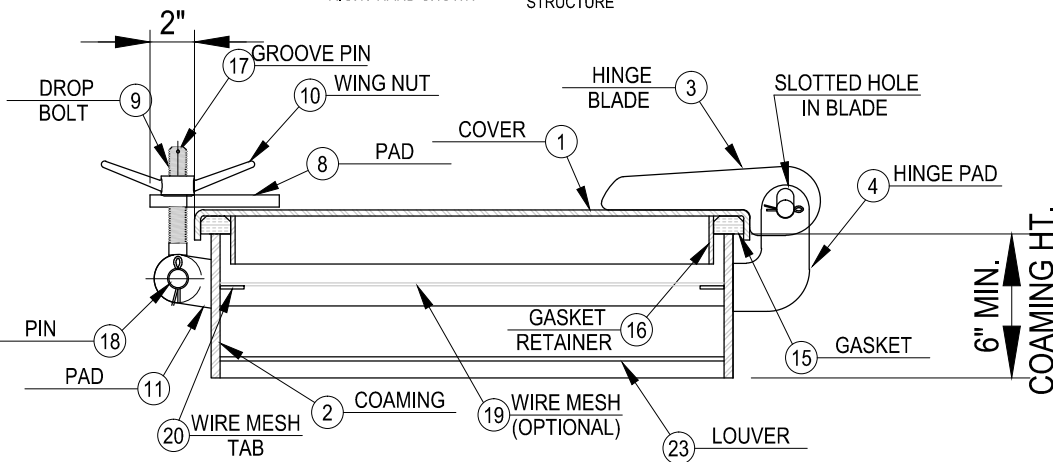
CEN-TEX MARINE FABRICATORS, INC.
SMITHVILLE, TEXAS
RAISED WATERTIGHT HATCH WITH SPRING & FLUSH COVER
DWG. NO.: 224-MS



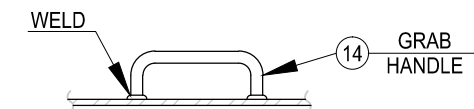
DETAIL OF HASP & EYE



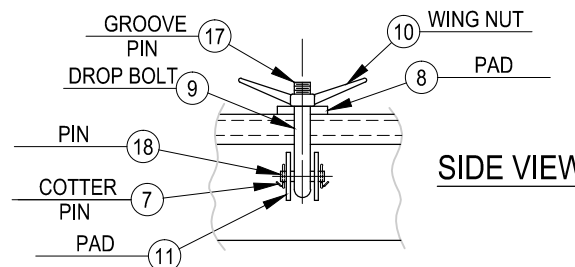
DETAIL OF HINGE



SECTION



DETAIL OF GRAB HANDLE



SIDE VIEW

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	MILD STEEL	
9	BRONZE	
10	BRONZE	
11	MILD STEEL	
12	MILD STEEL	
13	MILD STEEL	
14	MILD STEEL	
15	NEOPRENE	
16	MILD STEEL	
17	STAINLESS	
18	BRASS	
19	STAINLESS	304SS
20	STEEL	
21	STEEL	
22	STAINLESS	1/8" x 1" F.B. - 304SS
23	STEEL	1/4" x 3" F.B. LOUVERS ON 3" CENTERS @ 45°

NOTES:

- A. LOUVERS INSTALLED ON 3" CENTERS @ 45°
- B. OPTIONAL BIRD SCREEN CAN BE REMOVABLE OR FIXED
- C. DESIGNED TO BE INSTALLED IN BULKHEAD
- D. WITH LOUVERS INSTALLED

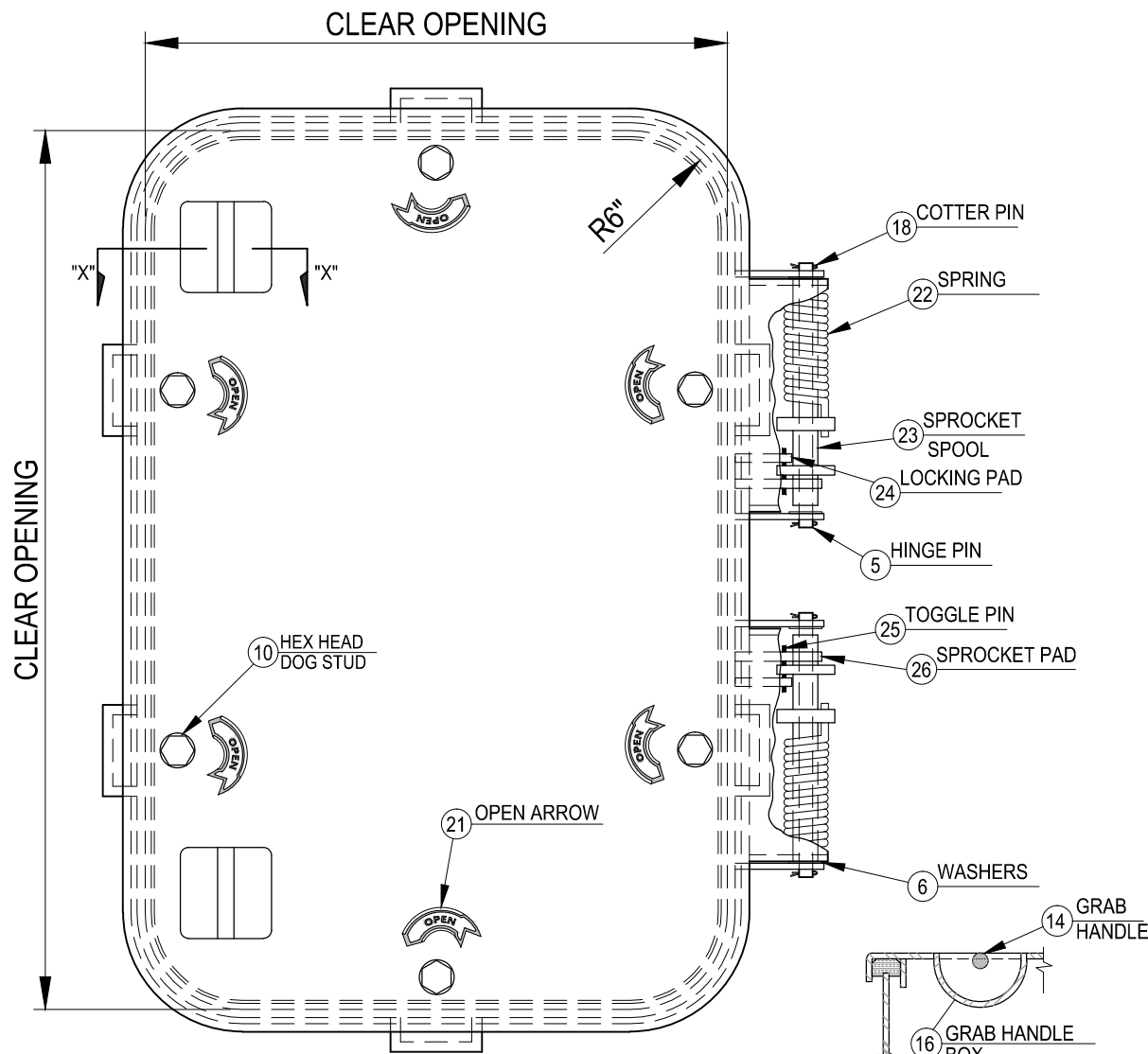
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TX

RAISED WATER TIGHT HATCH w/DROP BOLTS
WITH LOUVERS & OPTIONAL BIRD SCREEN

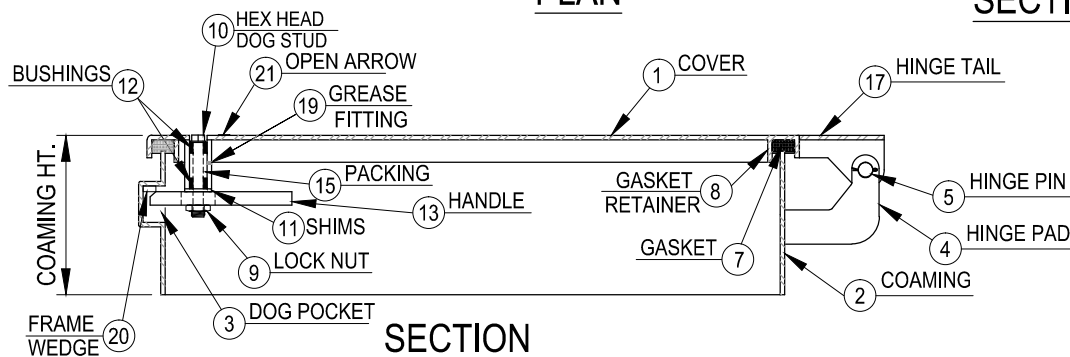
DWG. NO.: 226-MS

S/O#



PLAN

SECTION X-X



SECTION

SCHEDULE OF MATERIALS

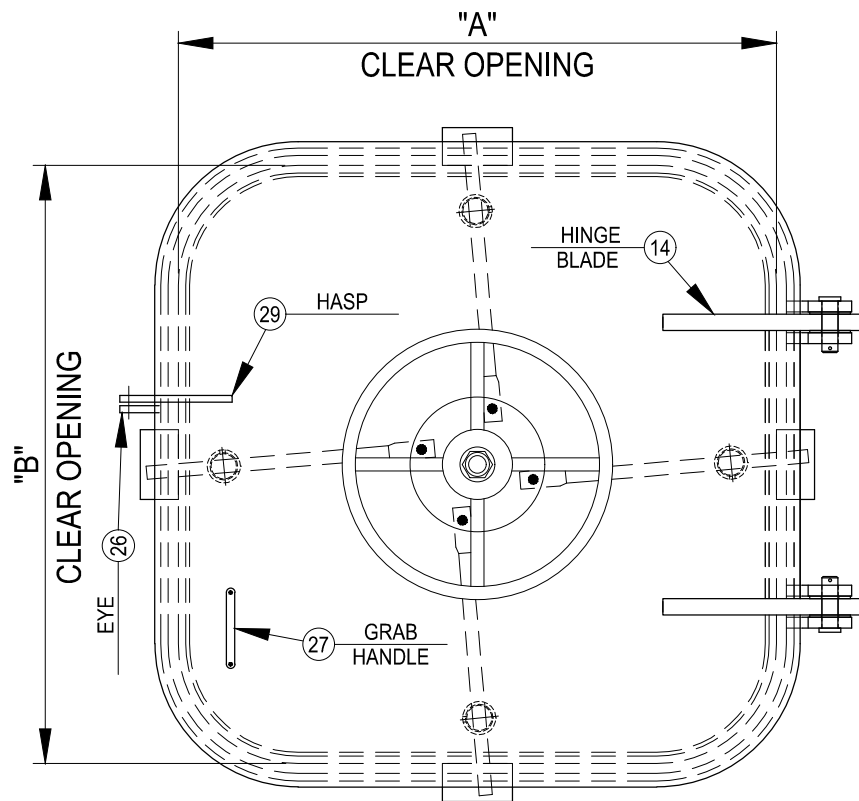
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	COLD FINISH	
6	STAINLESS	
7	NEOPRENE	
8	MILD STEEL	
9	STAINLESS	
10	BRASS	
11	STAINLESS	
12	DELIN	
13	MANGANESE BRONZE	
14	MILD STEEL	
15	TEFLON	
16	MILD STEEL	
17	MILD STEEL	
18	STAINLESS	
19	PLATED STEEL	
20	FORGED STEEL	
21	STAINLESS	
22	STAINLESS	
23	MILD STEEL	
24	MILD STEEL	
25	PLATED STEEL	
26	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

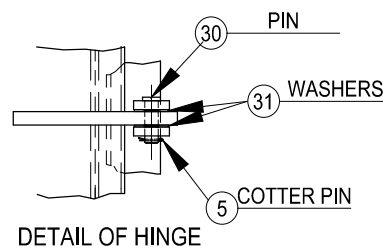
SMITHVILLE, TEXAS

RAISED HATCH W/ FLUSH COVER & FLUSH HINGE w/SPRING

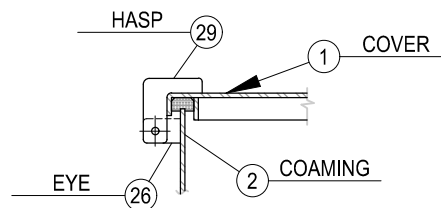
DWG. NO.: 227-MS



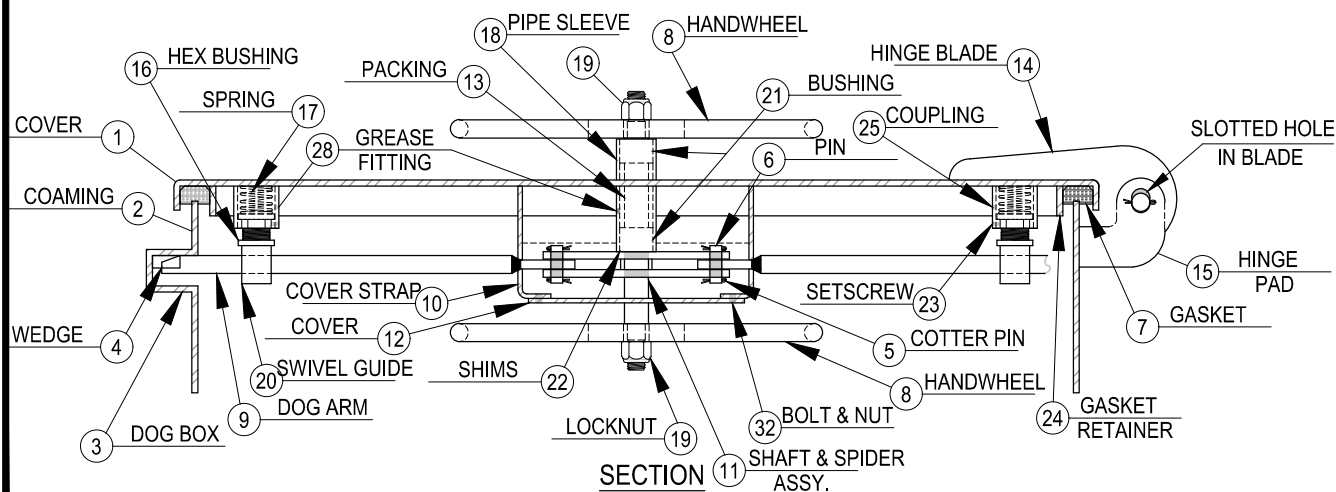
PLAN



DETAIL OF HINGE



DETAIL OF HASP & EYE



SECTION

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	STAINLESS	
5	STAINLESS	
6	BRASS	
7	NEOPRENE	
8	MILD STEEL	
9	COLD FINISH	
10	MILD STEEL	
11	COLD FINISH	
12	MILD STEEL	
13	TEFLON	
14	MILD STEEL	
15	MILD STEEL	
16	BRASS	
17	PLATED STEEL	
18	MILD STEEL	
19	PLATED STEEL	
20	BRASS	
21	DELRIN	
22	STAINLESS	
23	PLATED STEEL	
24	MILD STEEL	
25	MILD STEEL	
26	MILD STEEL	
27	MILD STEEL	
28	PLATED STEEL	
29	MILD STEEL	
30	BRASS	
31	TEFLON	
32	PLATED STEEL	

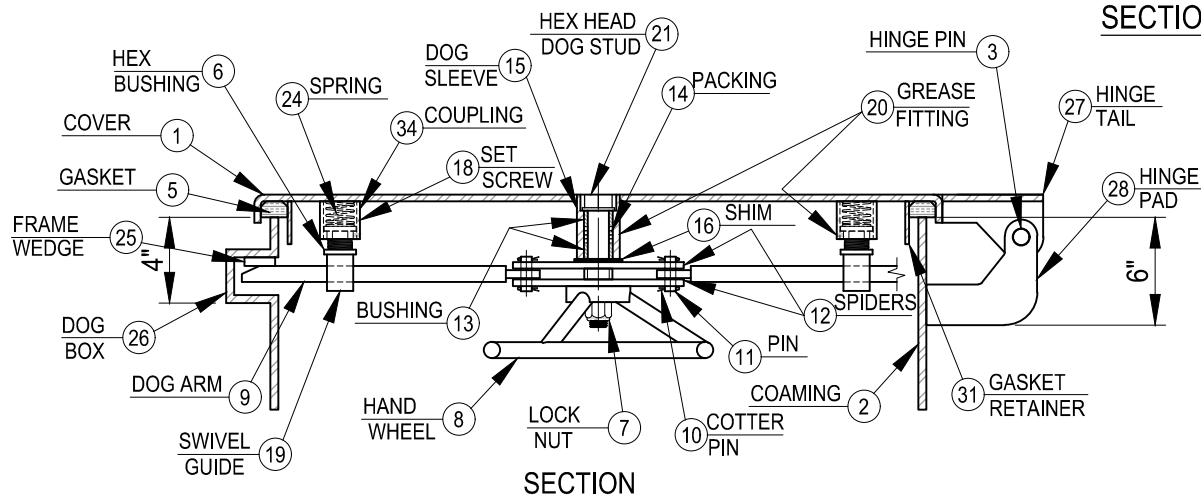
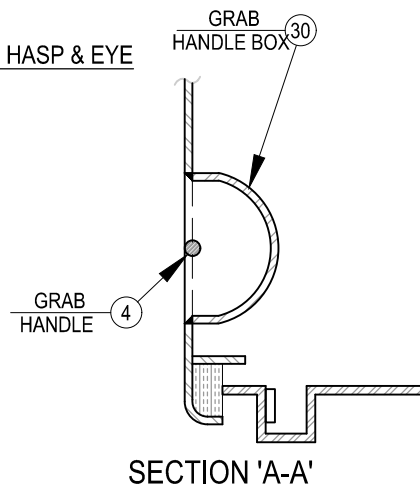
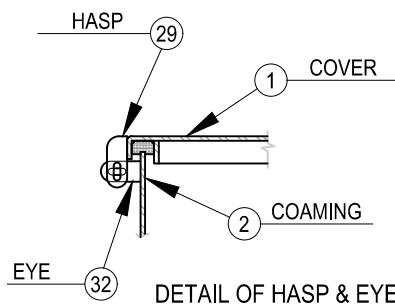
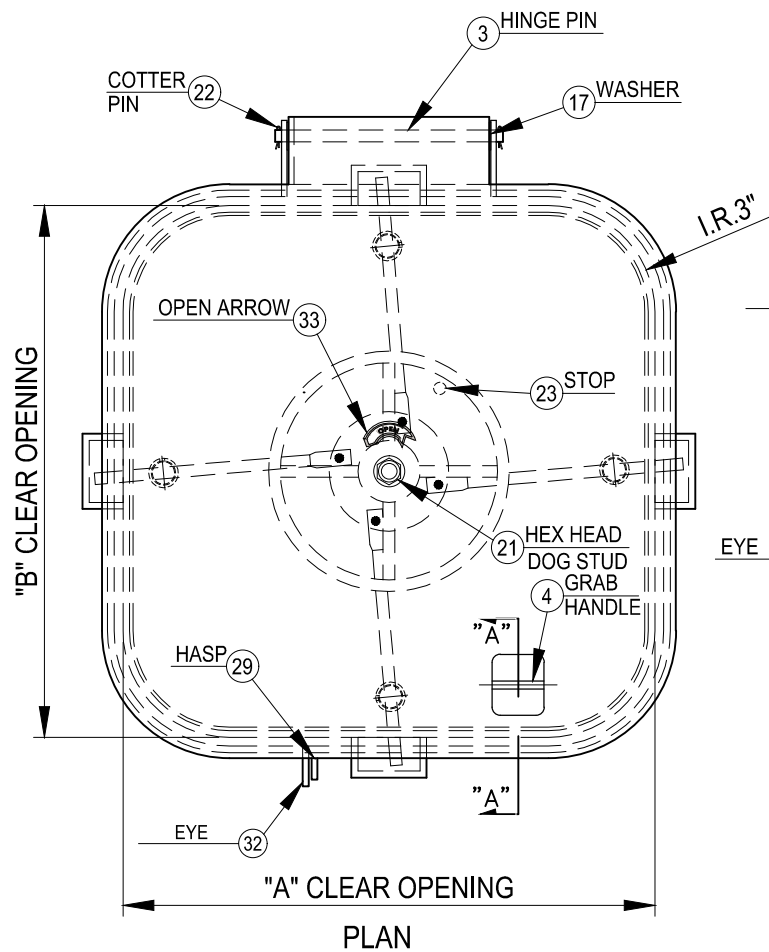
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

QUICK ACTING WATERTIGHT HATCH

DWG. NO.: 229-MS

#/O/S



SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
33	STAINLESS	316L

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	COLD FINISH	
4	MILD STEEL	
5	NEOPRENE	
6	BRASS	
7	PLATED STEEL	
8	MILD STEEL	
9	COLD FINISH	
10	STAINLESS	
11	BRASS	
12	MILD STEEL	
13	DELFIN	
14	TEFLON	
15	MILD STEEL	
16	STAINLESS	
17	STAINLESS	
18	PLATED STEEL	
19	BRASS	
20	PLATED STEEL	
21	BRASS	
22	STAINLESS	
23	MILD STEEL	
24	SPRING STEEL	
25	MILD STEEL	
26	MILD STEEL	
27	MILD STEEL	
28	MILD STEEL	
29	MILD STEEL	
30	MILD STEEL	
31	MILD STEEL	
32	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

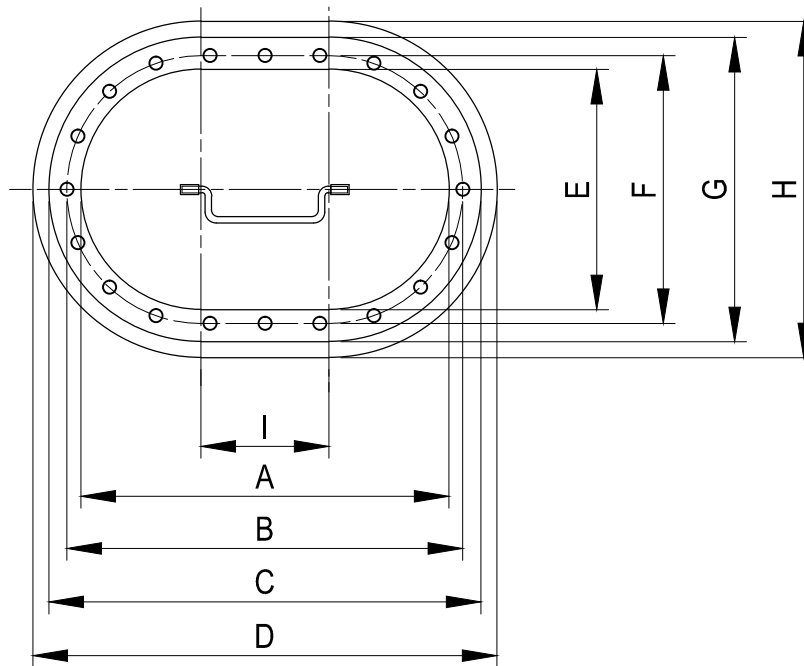
RAISED WATERTIGHT HATCH

WITH FLUSH COVER

DWG. NO.: 230-MS

#/O/S

MANHOLES

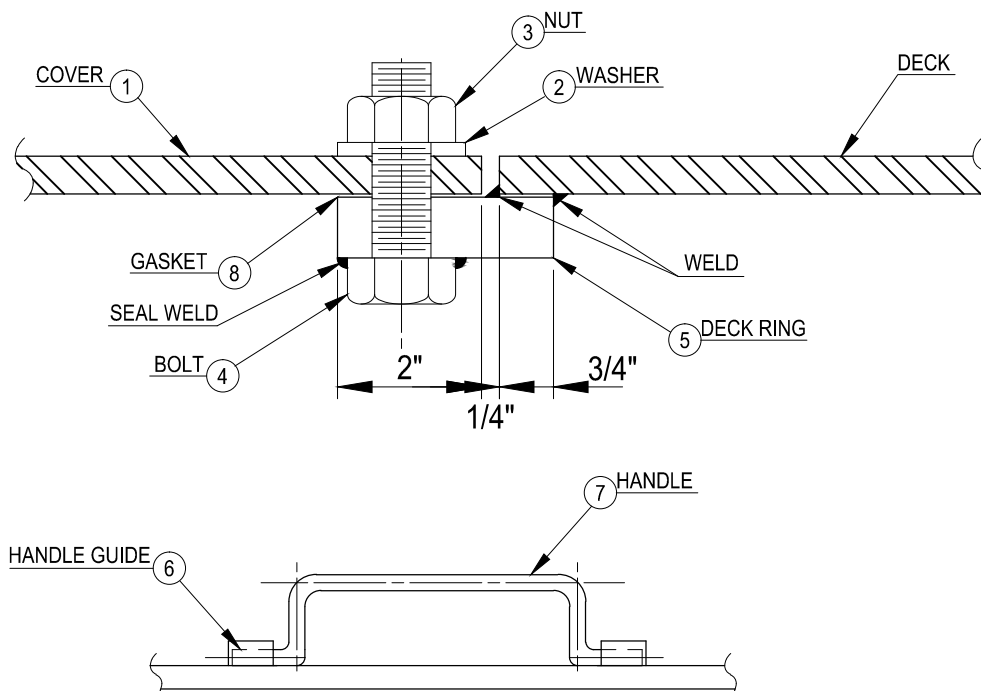


SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	STEEL	
2	PLATED STEEL	
3	PLATED STEEL	
4	STEEL	
5	STEEL	
6	STEEL	
7	STEEL	
8	NEOPRENE	

DIMENSION SCHEDULE

CLEAR OPENING	A	B	C	D	E	F	G	H	I
15" X 23"	23"	24-3/4"	27"	29"	15"	16-3/4"	19"	21"	8"
18" X 24"	24"	25-3/4"	28"	30"	18"	19-3/4"	22"	24"	6"

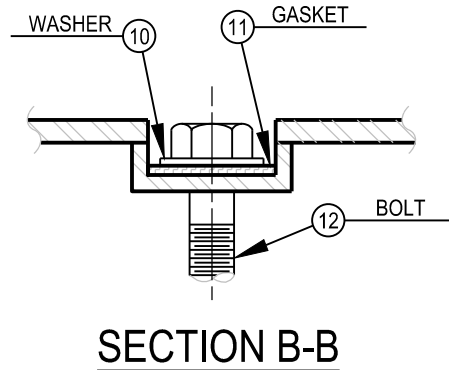
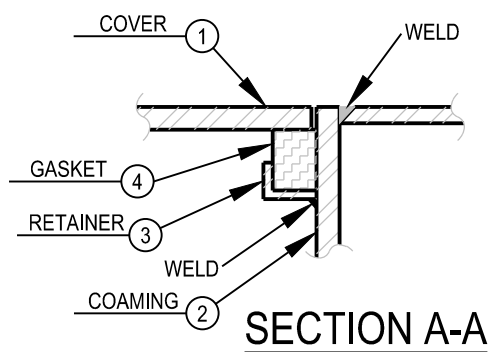
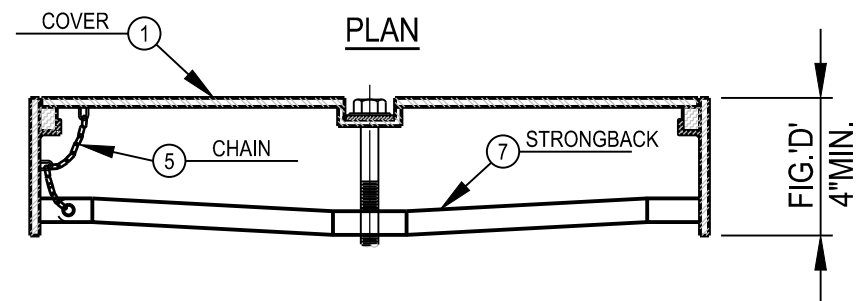
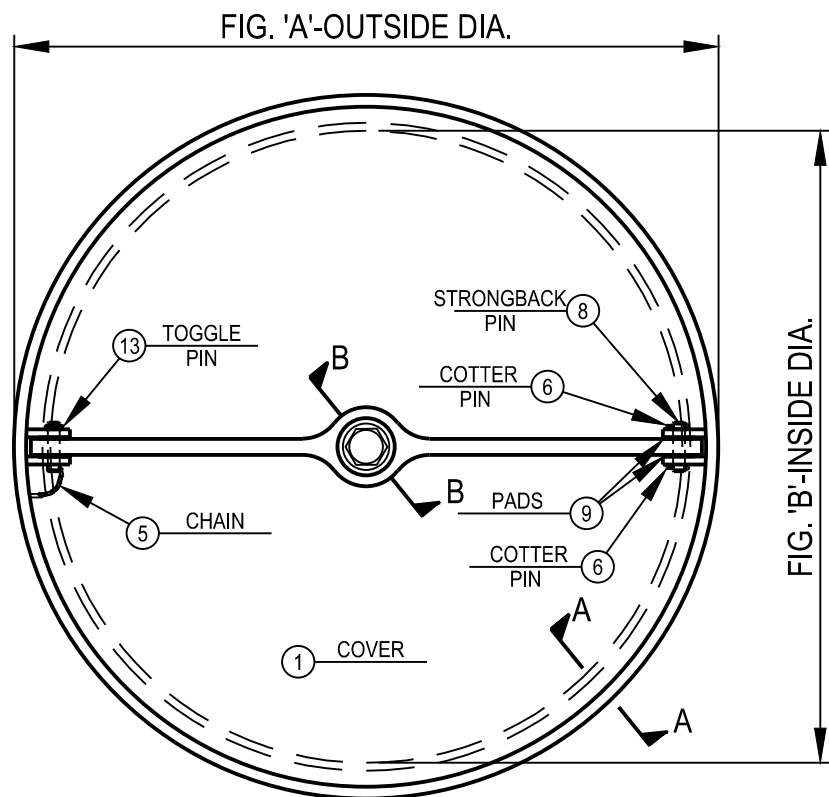


CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

WATERTIGHT MULTIBOLT MANHOLE

DWG. NO.: 300-MS



SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	NEOPRENE	
5	PLATED STEEL	
6	STAINLESS	
7	MILD STEEL	
8	MILD STEEL	
9	MILD STEEL	
10	STAINLESS	
11	NEOPRENE	
12	STAINLESS	
13	STAINLESS	

NOTE:

20" O.D. — 17-3/4" I.D.

21" O.D. — 18-3/4" I.D.

22" O.D. — 19-3/4" I.D.

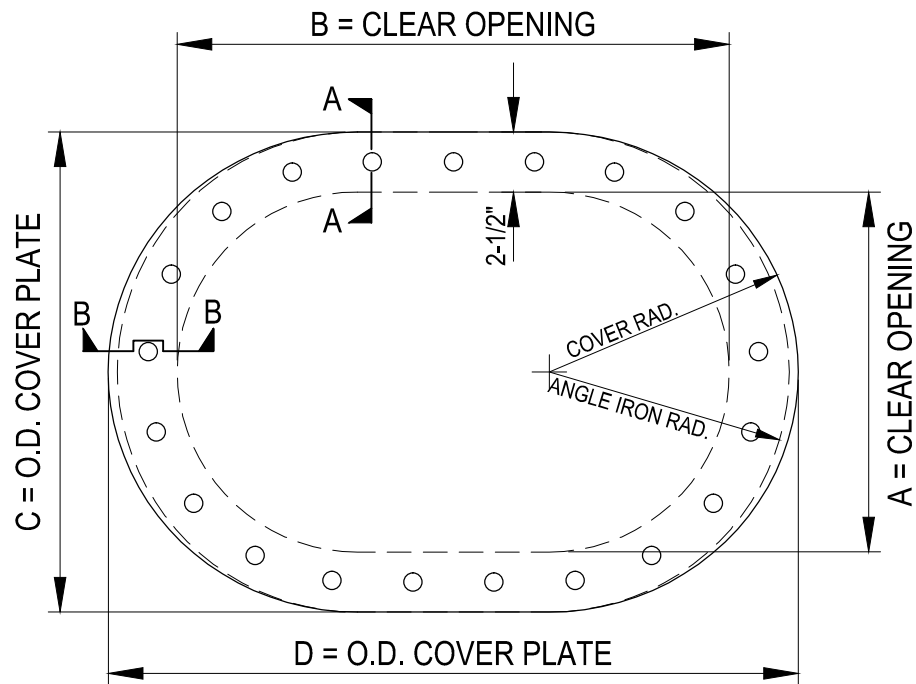
24" O.D. — 21-3/4" I.D.

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

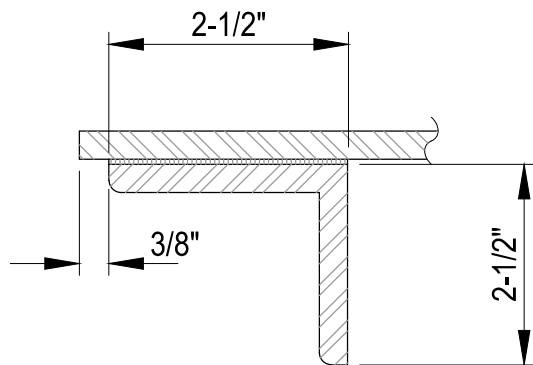
SINGLE BOLT MANHOLE

DWG. NO.: 301-MS

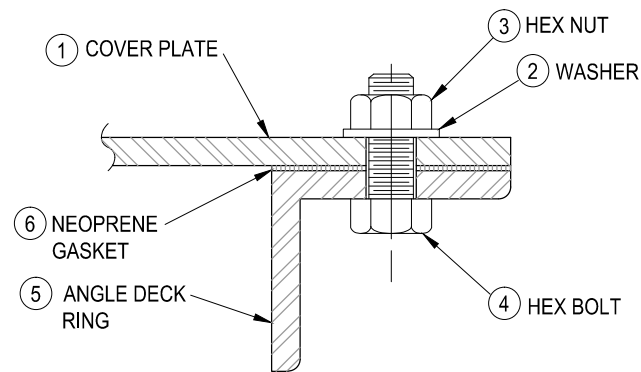


PLAN

PLAN



SECTION B-B



SECTION A-A

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	STEEL	
2	STEEL PLATED	
3	STEEL PLATED	
4	STEEL PLATED	
5	STEEL	
6	NEOPRENE	

DIMENSION SCHEDULE

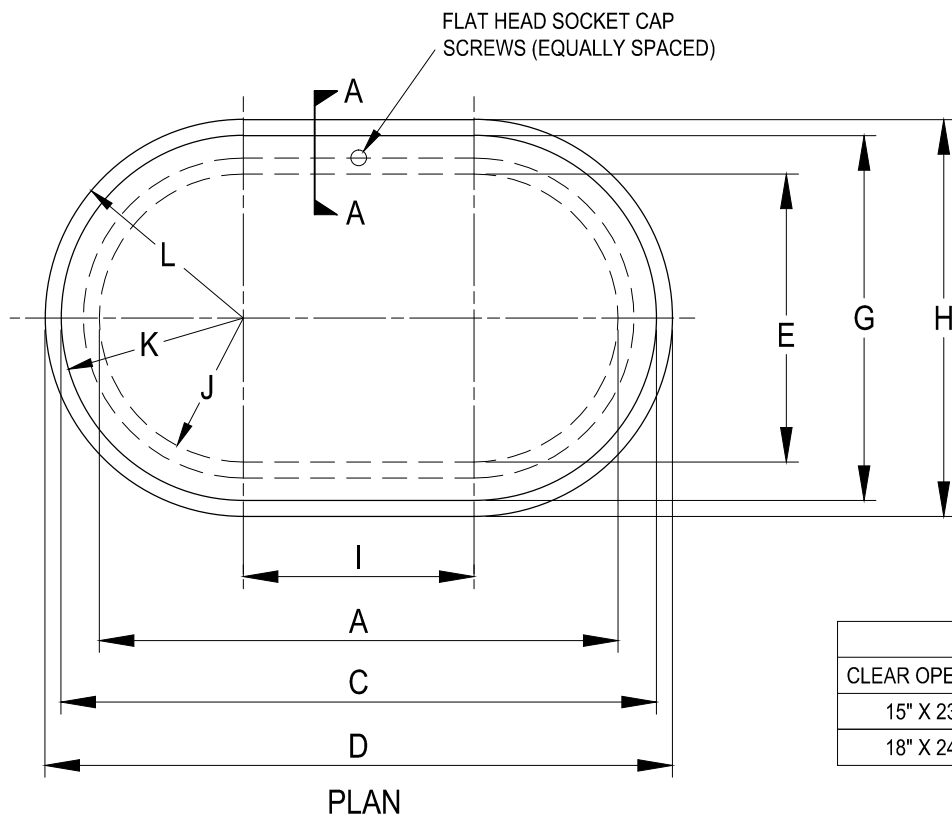
CLEAR OPENING	A	B	C	D	No. HOLES
15" X 23"	15"	23"	20"	28-3/4"	21
16" X 23"	16"	23"	21"	28-3/4"	21
18" X 23"	18"	23"	23"	28-3/4"	21
18" X 24"	18"	24"	23"	29-3/4"	21

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

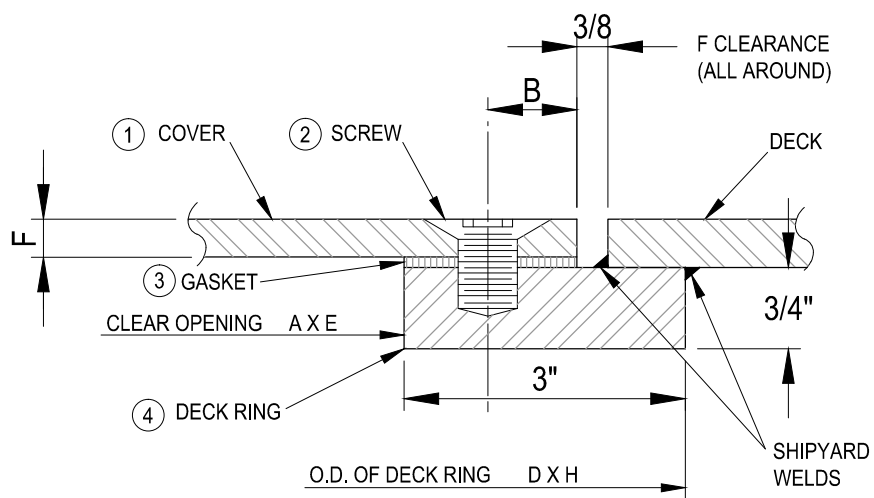
RAISED BOLTED PLATE MANHOLE

DWG. NO.: 302-MS



SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	STEEL	
2	STAINLESS	
3	NEOPRENE	
4	STEEL	

DIMENSION SCHEDULE													
CLEAR OPENING	A	B	C	D	E	F	G	H	I	J	K	L	No. HOLES
15" X 23"	23"	1-1/8"	27"	29"	15"	3/8"	19"	21"	8"	7-1/2"	9-1/2"	10-1/2"	20
18" X 24"	24"	1-1/8"	28"	30"	18"	3/8"	22"	24"	6"	9"	11"	12"	20

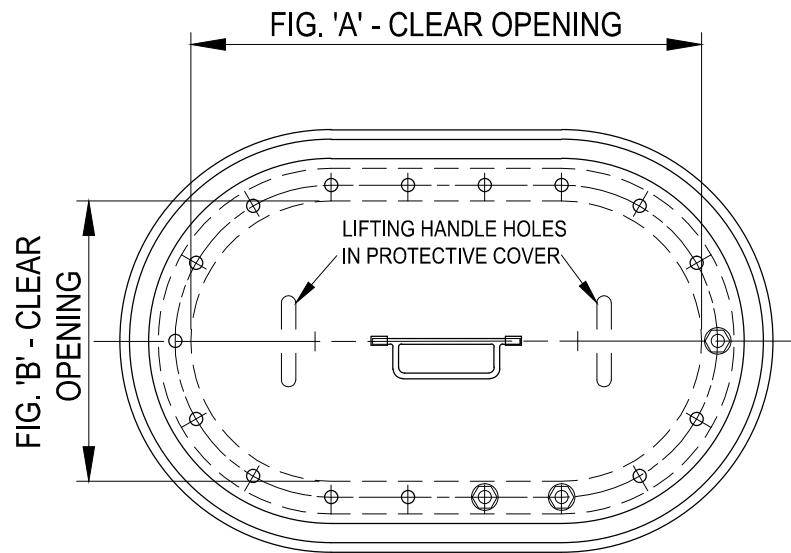


CEN-TEX MARINE FABRICATORS, INC.

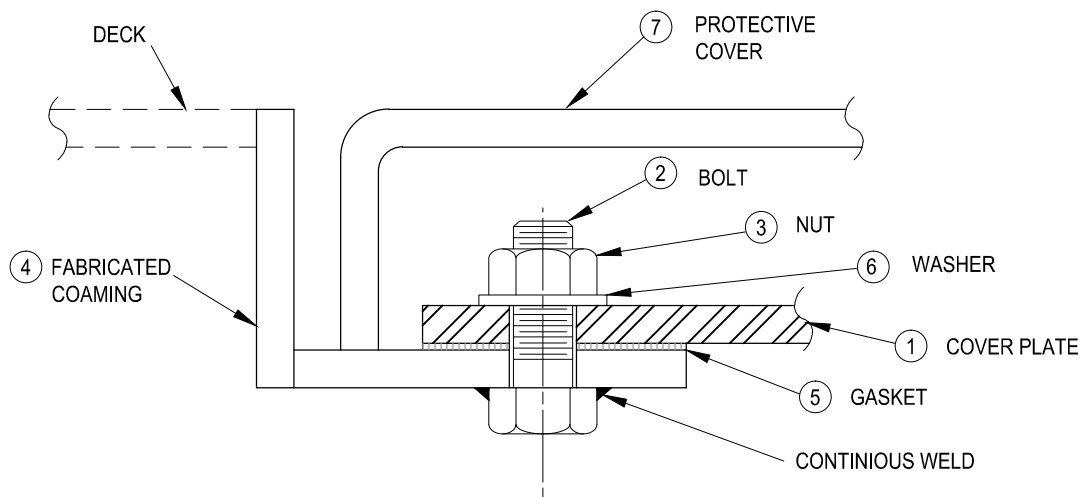
SMITHVILLE, TEXAS

FLUSH BOLTED PLATE MANHOLE

DWG. NO.: 303-MS



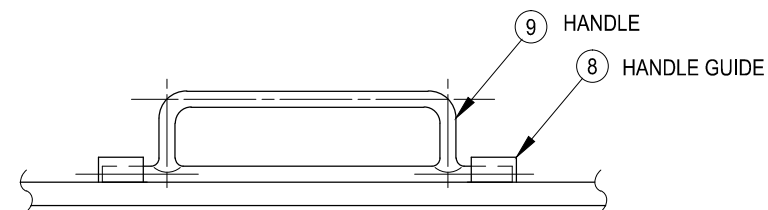
PLAN
(PROTECTED COVER REMOVED)



TYPICAL SECTION

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	PLATED STEEL	
4	MILD STEEL	
5	NEOPRENE	
6	PLATED	
7	MILD STEEL	
8	MILD STEEL	
9	MILD STEEL	



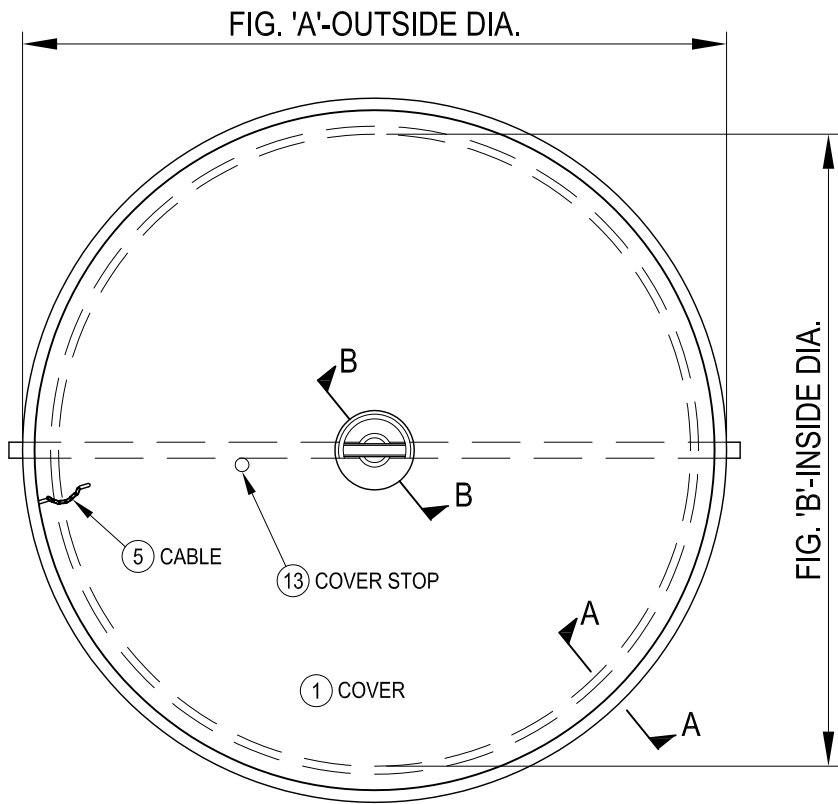
DETAIL OF HANDLE

CEN-TEX MARINE FABRICATORS, INC.

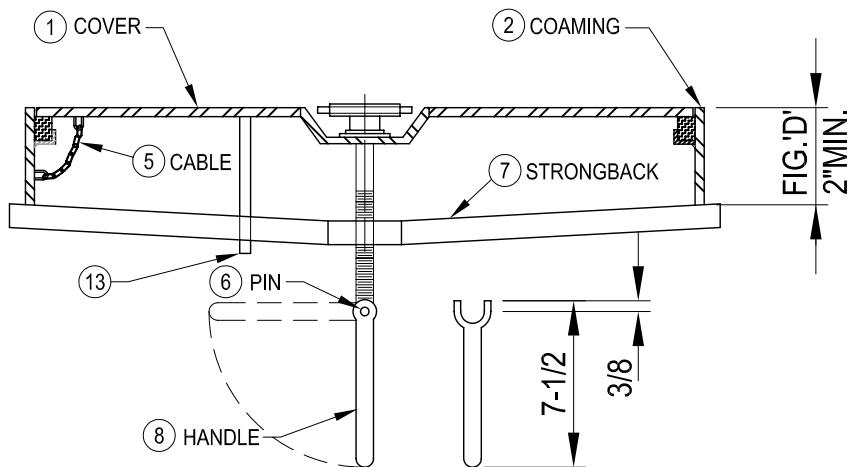
SMITHVILLE, TEXAS

COVERED BOLTED PLATE MANHOLE

DWG. NO.: 304-MS

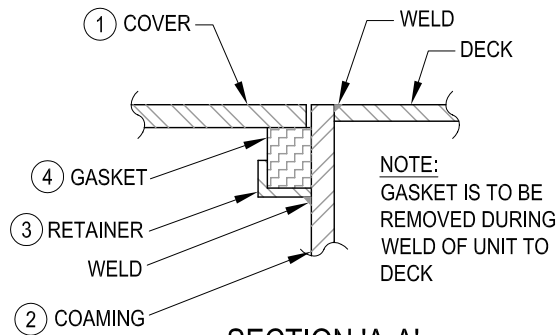


PLAN

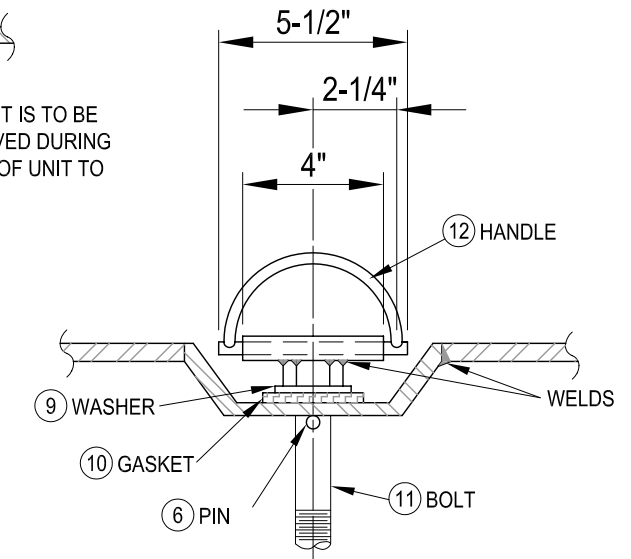


NOTE:

20" O.D. — 17-3/4" I.D.
 21" O.D. — 18-3/4" I.D.
 22" O.D. — 19-3/4" I.D.
 24" O.D. — 21-3/4" I.D.



SECTION 'A-A'



SECTION 'B-B'

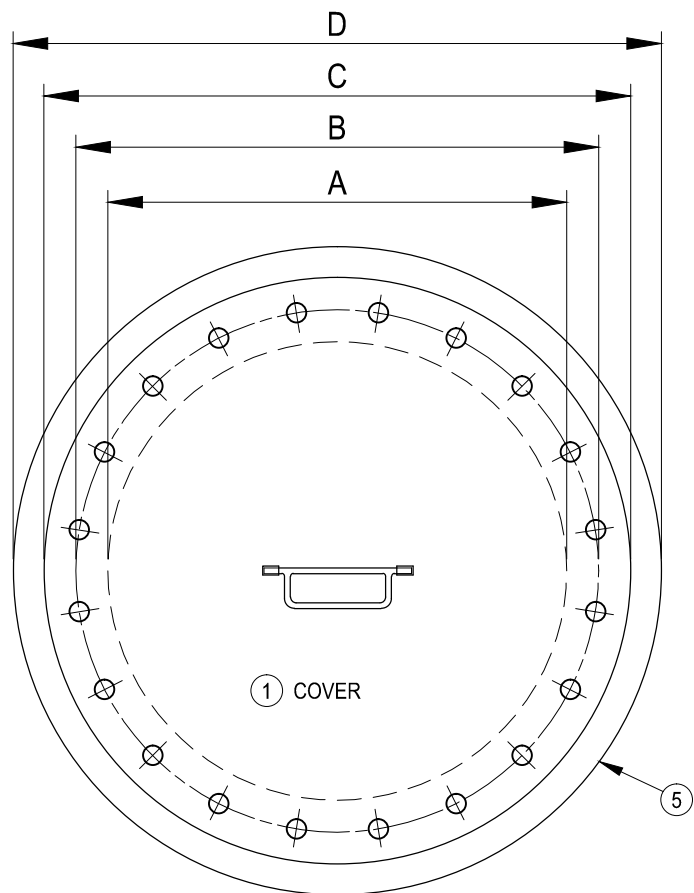
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	NEOPRENE	
5	PLATED STEEL	
6	STAINLESS	
7	MILD STEEL	
8	MILD STEEL	
9	STAINLESS	
10	NEOPRENE	
11	STAINLESS	
12	MILD STEEL	
13	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

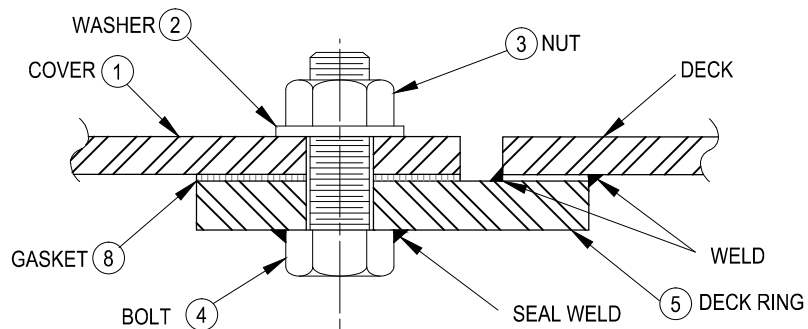
SMITHVILLE, TEXAS

SINGLE BOLT MANHOLE W/FOLD DOWN HANDLE

DWG. NO.: 305-MS



PLAN



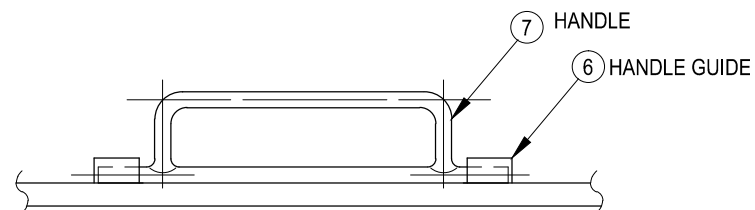
BOLT DETAIL

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	STEEL	
2	PLATED	
3	PLATED	
4	STEEL	
5	STEEL	
6	STEEL	
7	STEEL	
8	NEOPRENE	

DIMENSION SCHEDULE

CLEAR OPENING	A	B	C	D
18"	18"	19-3/4"	22"	24"
20"	20"	21-3/4"	24"	26"
22"	22"	23-3/4"	26"	28"
24"	24"	25-3/4"	28"	30"
26"	26"	27-3/4"	30"	32"



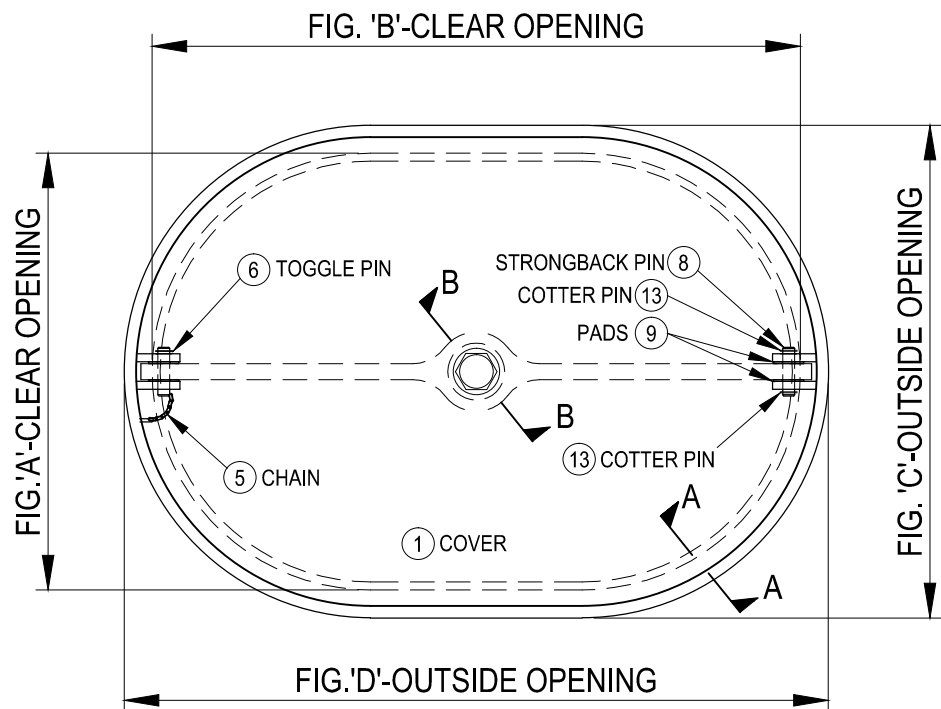
HANDLE DETAIL

CEN-TEX MARINE FABRICATORS, INC.

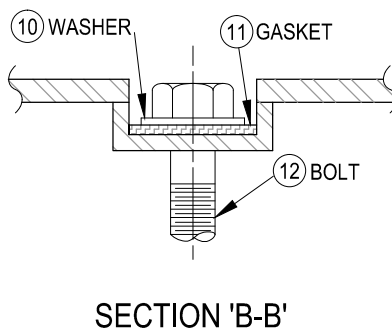
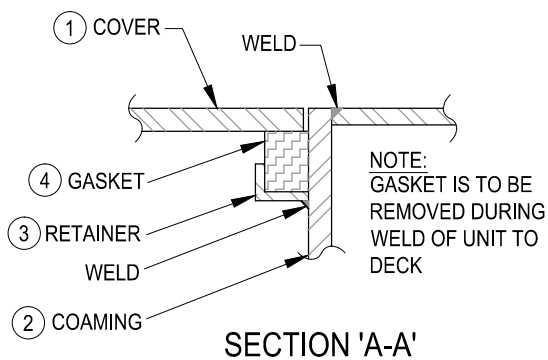
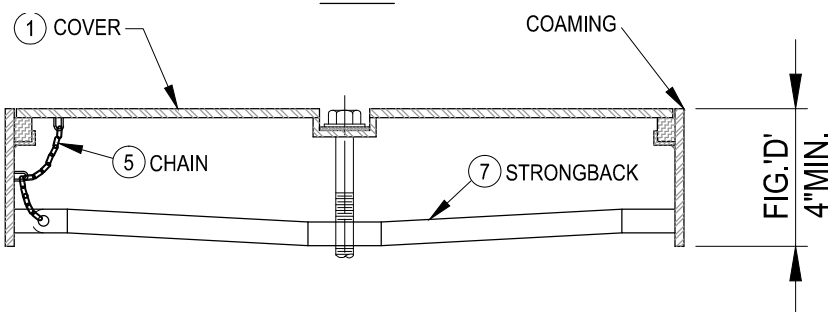
SMITHVILLE, TEXAS

WATERTIGHT MANHOLE COVER

DWG. NO.: 306-MS



PLAN



SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	NEOPRENE	
5	PLATED STEEL	
6	STAINLESS	
7	MILD STEEL	
8	STEEL	
9	MILD STEEL	
10	STAINLESS	
11	NEOPRENE	
12	STAINLESS	
13	STAINLESS	

DIMENSION SCHEDULE

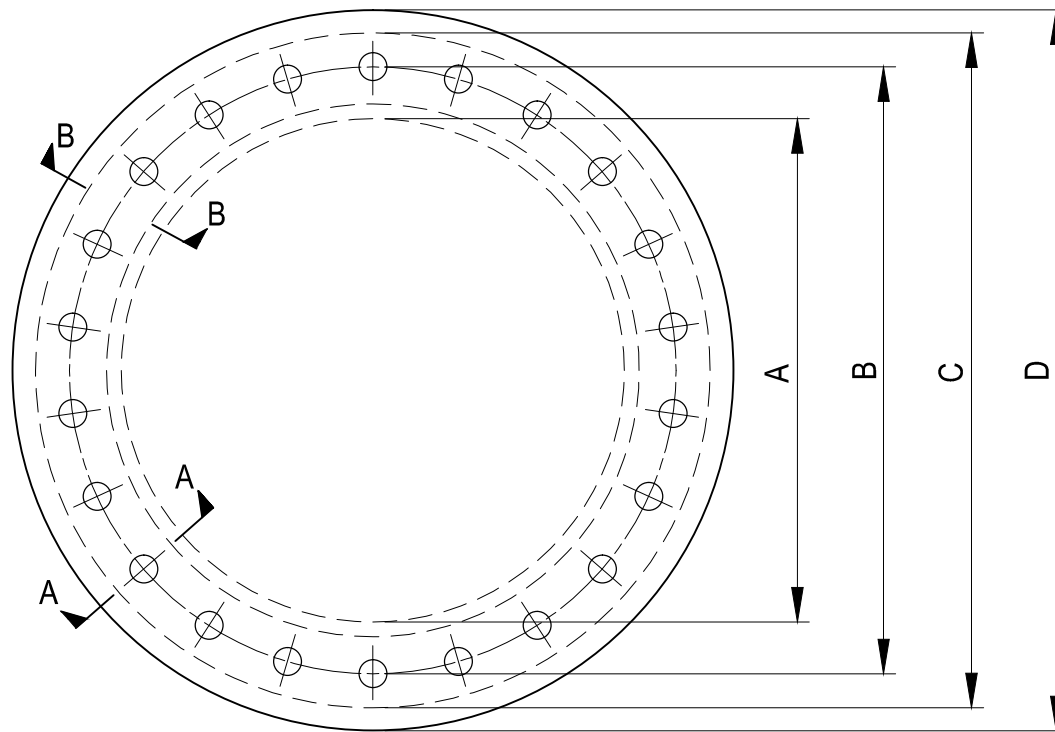
CLEAR OPENING	A	B	C	D
15" X 23"	15"	23"	17-1/4"	25-1/4"
16" X 23"	16"	23"	18-1/4"	25-1/4"
18" X 24"	18"	24"	20-1/4"	26-1/4"

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

OVAL SINGLE BOLT MANHOLE

DWG. NO.: 307-MS



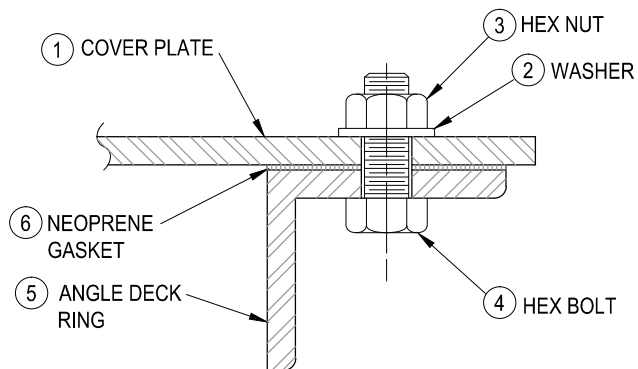
PLAN

SCHEDULE OF MATERIALS

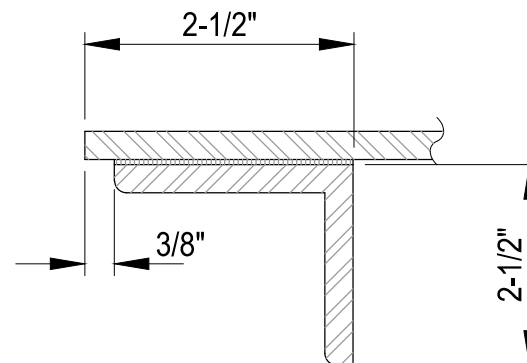
PC.	MATERIAL	REMARKS
1	STEEL	
2	STEEL PLATED	
3	STEEL PLATED	
4	STEEL PLATED	
5	STEEL	
6	NEOPRENE	

DIMENSION SCHEDULE

CLEAR OPENING	A	B	C	D	BOLT SPACING	NO. BOLTS
15"	15"	17-1/2"	20"	20-3/4"	3-7/16"	16
18"	18"	20-1/2"	23"	23-3/4"	3-9/16"	18
20"	20"	22-1/2"	25"	25-3/4"	3-1/2"	20
22"	22"	24-1/2"	27"	27-3/4"	3-1/2"	22
24"	24"	26-1/2"	29"	29-3/4"	3-1/4"	26



SECTION A-A



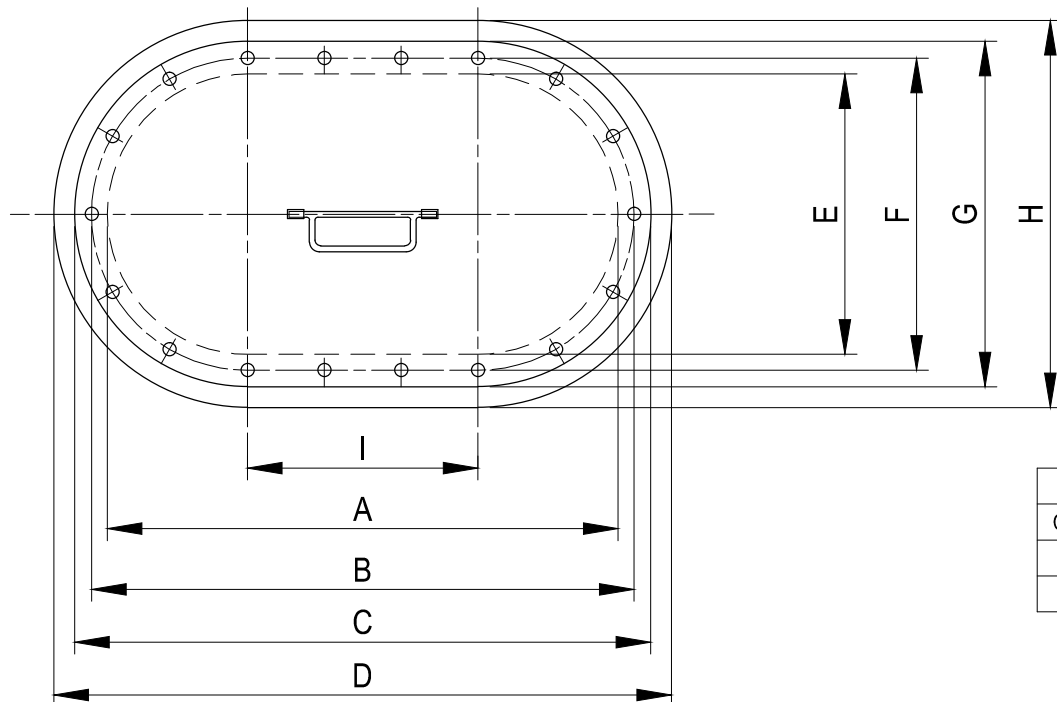
SECTION B-B

CEN-TEX MARINE FABRICATORS, INC.

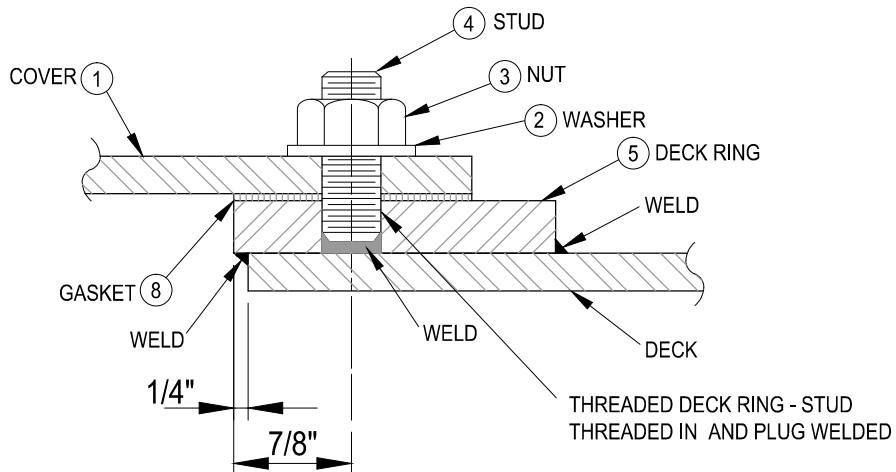
SMITHVILLE, TEXAS

ROUND RAISED BOLTED MANHOLE

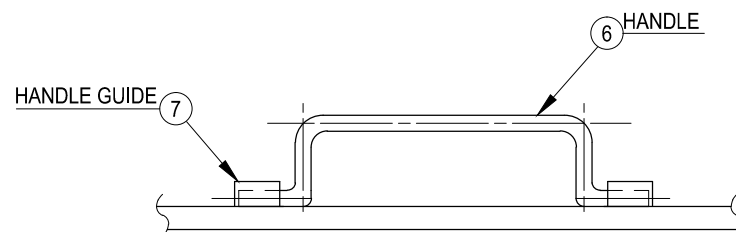
DWG. NO.: 308-MS



PLAN



STUD DETAIL



HANDLE DETAIL

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	STEEL	
2	PLATED	
3	PLATED	
4	MILD STEEL	
5	STEEL	
6	STEEL	
7	STEEL	
8	NEOPRENE	

DIMENSION SCHEDULE

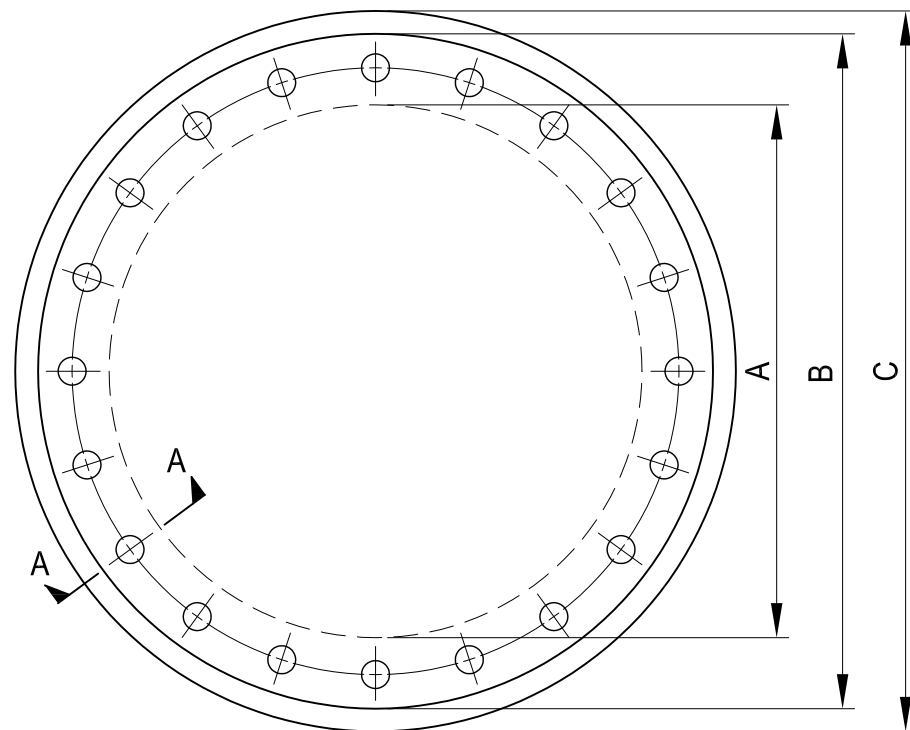
CLEAR OPENING	A	B	C	D	E	F	G	H	I	No. HOLES
15" X 23"	23"	24-3/4"	27"	29"	15"	16-3/4"	19"	21"	8"	20
18" X 24"	24"	25-3/4"	28"	30"	18"	19-3/4"	22"	24"	6"	20

CEN-TEX MARINE FABRICATORS, INC.

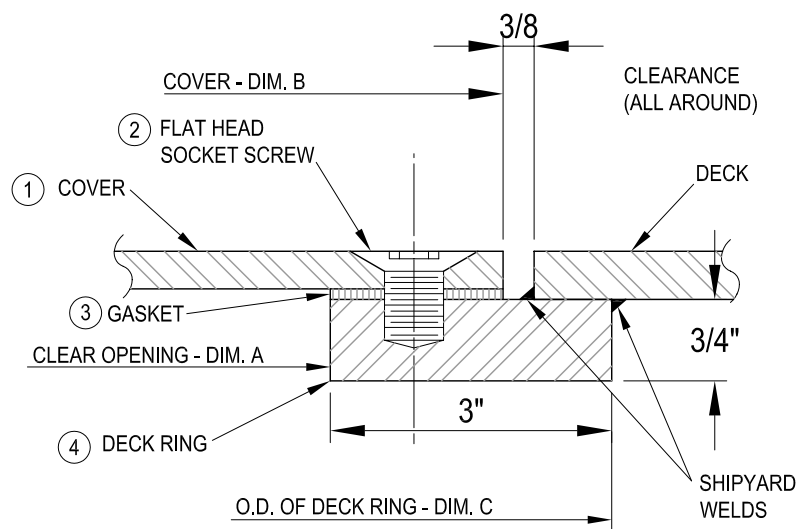
SMITHVILLE, TEXAS

BOLTED PLATE MANHOLE W/STUDS

DWG. NO.: 309-MS



PLAN



SECTION A-A

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	STEEL	
2	STAINLESS	
3	NEOPRENE	
4	STEEL	

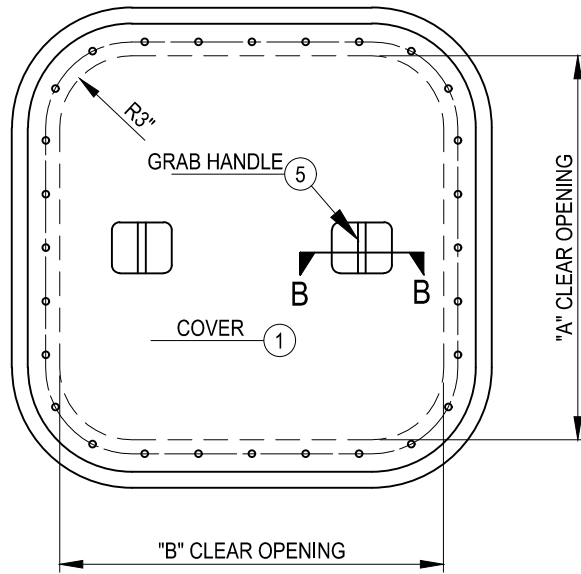
DIMENSION SCHEDULE			
CLEAR OPENING	A	B	C
18"	18"	22"	24"
20"	20"	24"	26"
22"	22"	26"	28"
24"	24"	28"	30"

CEN-TEX MARINE FABRICATORS, INC.

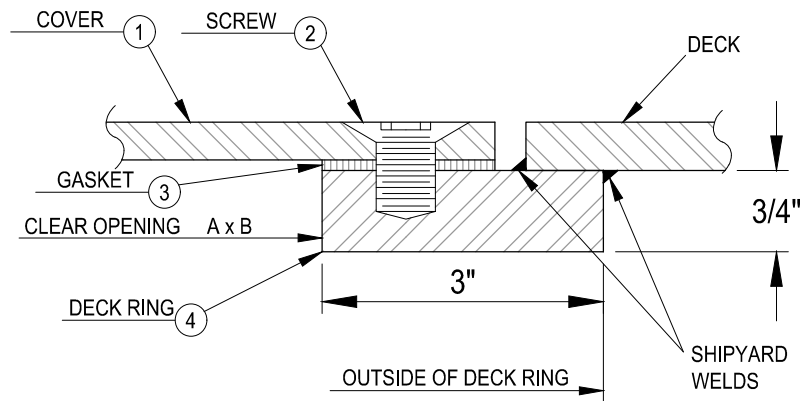
SMITHVILLE, TEXAS

FLUSH BOLTED PLATE MANHOLE

DWG. NO.: 310-MS



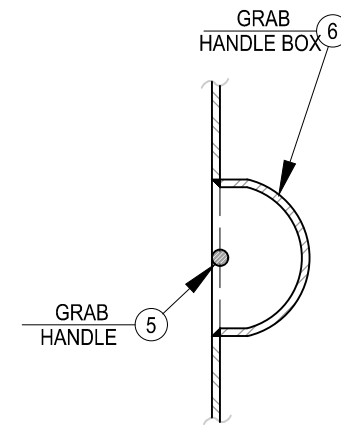
PLAN



SECTION A-A

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	STEEL	
2	STAINLESS	
3	NEOPRENE	
4	STEEL	
5	STEEL	
6	STEEL	



SECTION 'B-B'

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

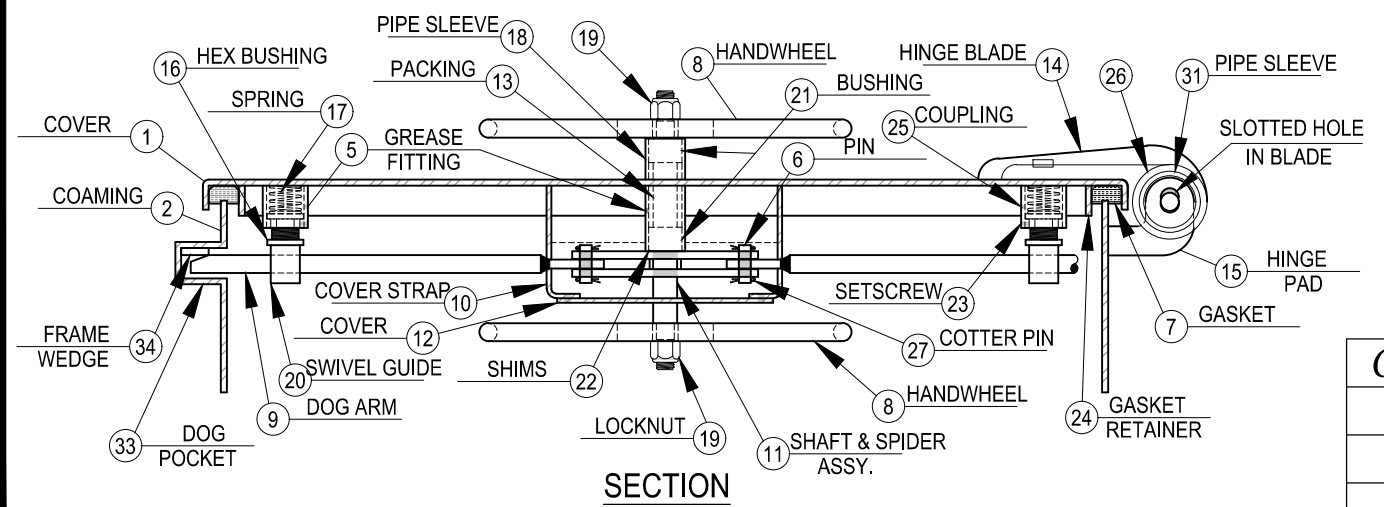
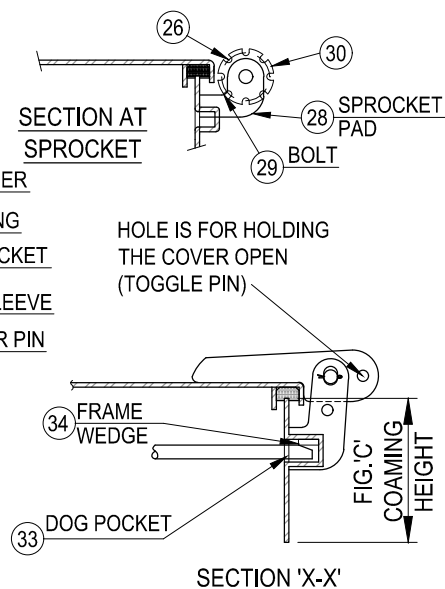
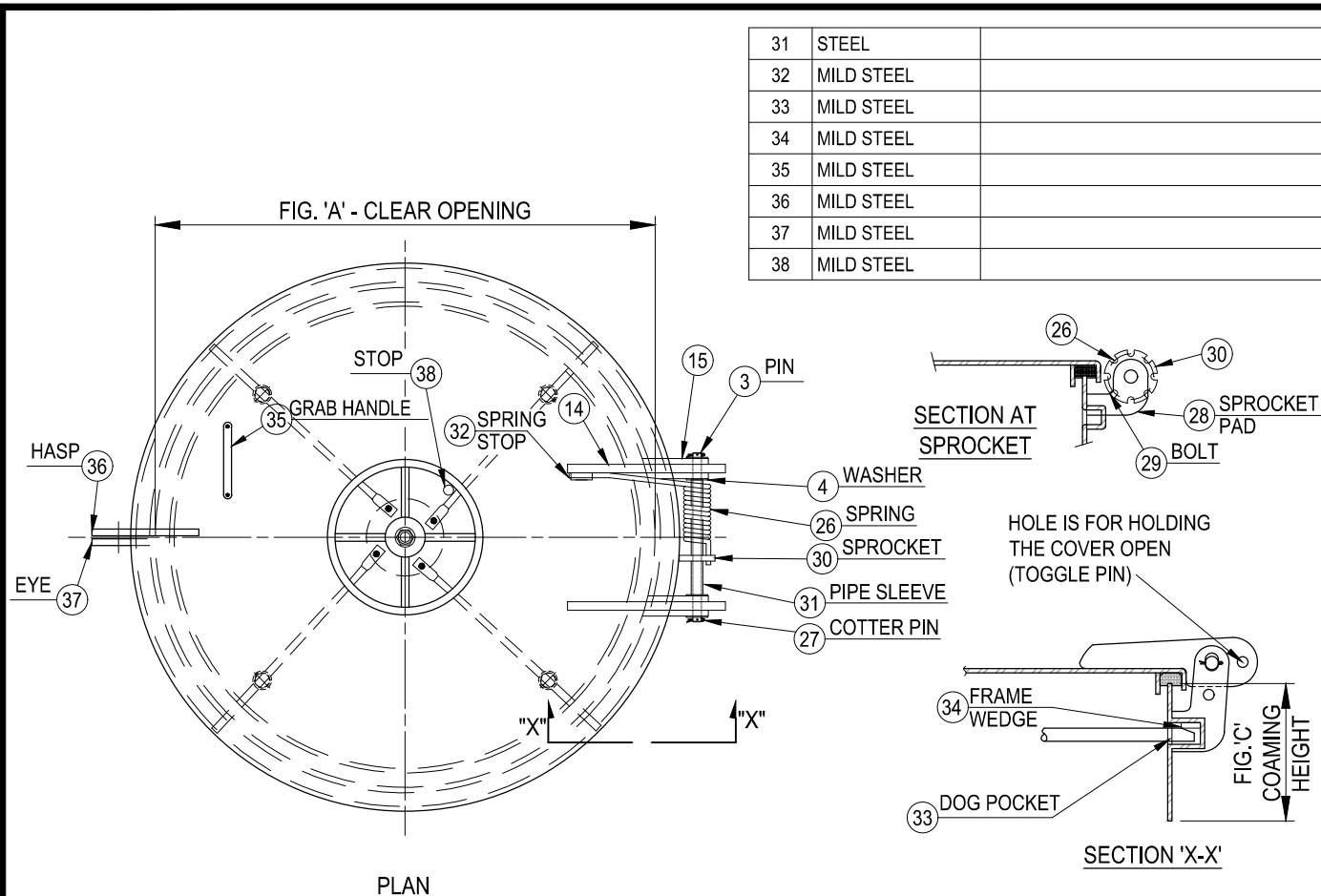
FLUSH BOLTED PLATE MANHOLE

w/FLUSH GRAB HANDLE

DWG. NO.: 311-MS

#/O/S

SCUTTLES



31	STEEL
32	MILD STEEL
33	MILD STEEL
34	MILD STEEL
35	MILD STEEL
36	MILD STEEL
37	MILD STEEL
38	MILD STEEL

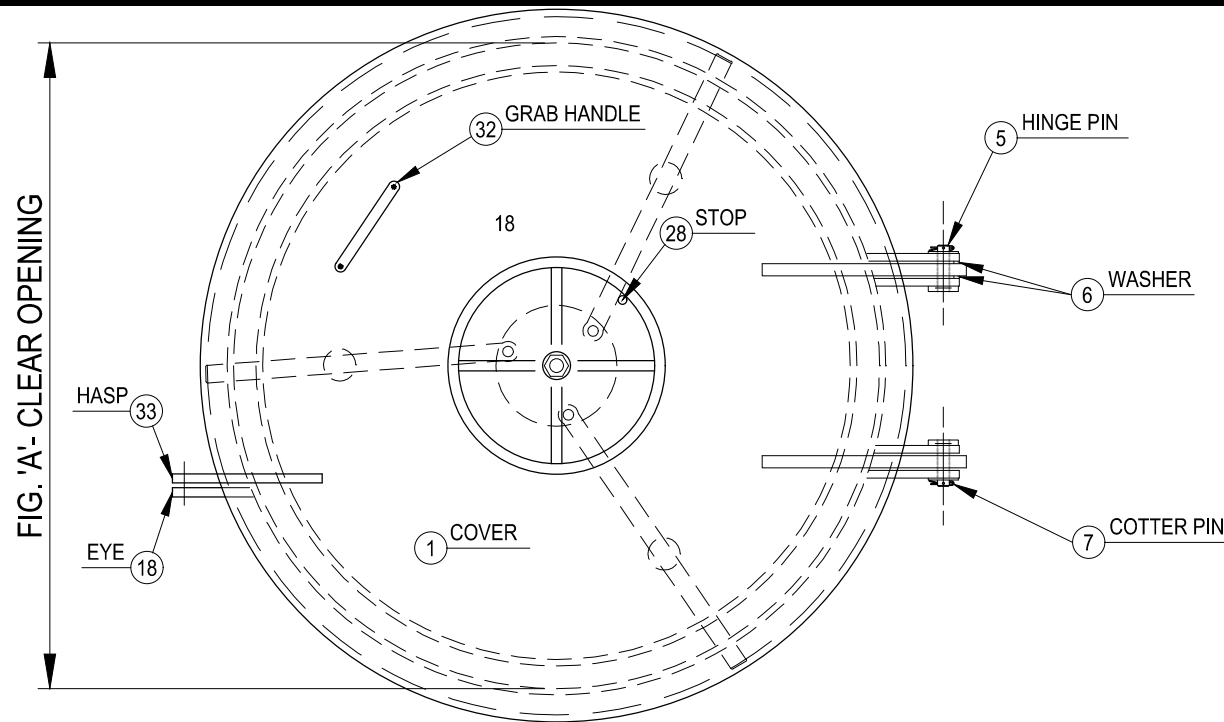
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	COLD FINISH	
4	STAINLESS	
5	PLATED STEEL	
6	BRASS	
7	NEOPRENE	
8	MILD STEEL	
9	COLD FINISH	
10	MILD STEEL	
11	COLD FINISH	
12	MILD STEEL	
13	TEFLON	
14	MILD STEEL	
15	MILD STEEL	
16	BRASS	
17	PLATED STEEL	
18	STEEL	
19	PLATED STEEL	
20	BRASS	
21	DELFIN	
22	STAINLESS	
23	PLATED STEEL	
24	MILD STEEL	
25	STEEL	
26	STAINLESS	
27	STAINLESS	
28	MILD STEEL	
29	STEEL	
30	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

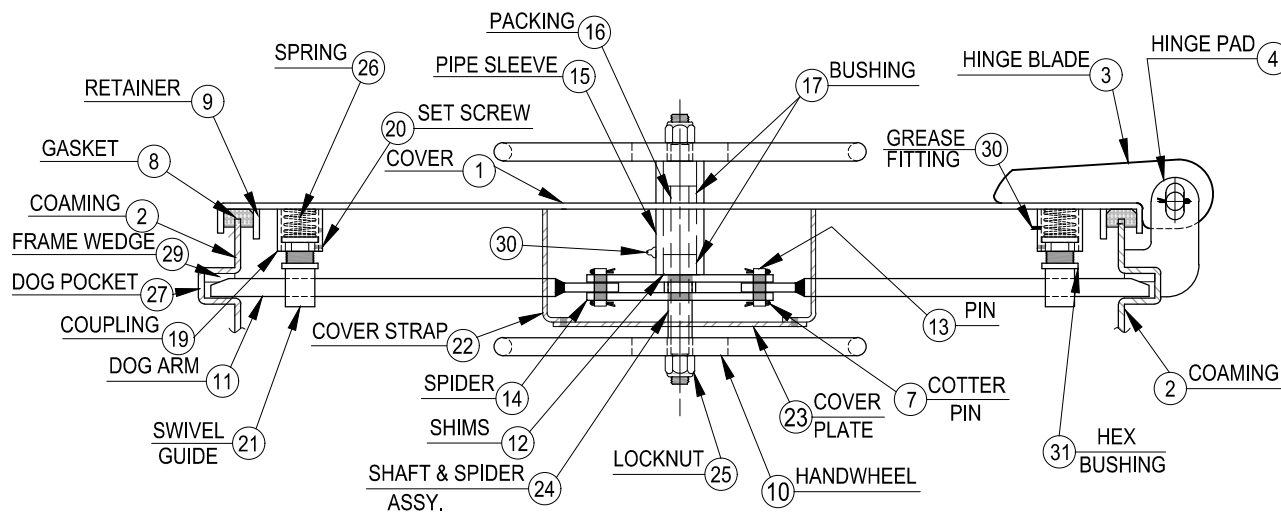
SMITHVILLE, TEXAS

RAISED QUICK ACTING WATERTIGHT SCUTTLE
W/SPRING ASSIST COVER

DWG. NO.: 400-MS



PLAN



SECTION

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	NEOPRENE	
9	MILD STEEL	
10	MILD STEEL	
11	MILD STEEL	
12	STAINLESS	
13	BRASS	
14	MILD STEEL	
15	MILD STEEL	
16	TEFLON	
17	DELTRIN	
18	MILD STEEL	
19	MILD STEEL	
20	MILD STEEL	
21	BRASS	
22	MILD STEEL	
23	MILD STEEL	
24	COLD FINISH	
25	PLATED STEEL	
26	STEEL	
27	MILD STEEL	
28	MILD STEEL	
29	MILD STEEL	
30	PLATED STEEL	
31	BRASS	
32	MILD STEEL	
33	MILD STEEL	

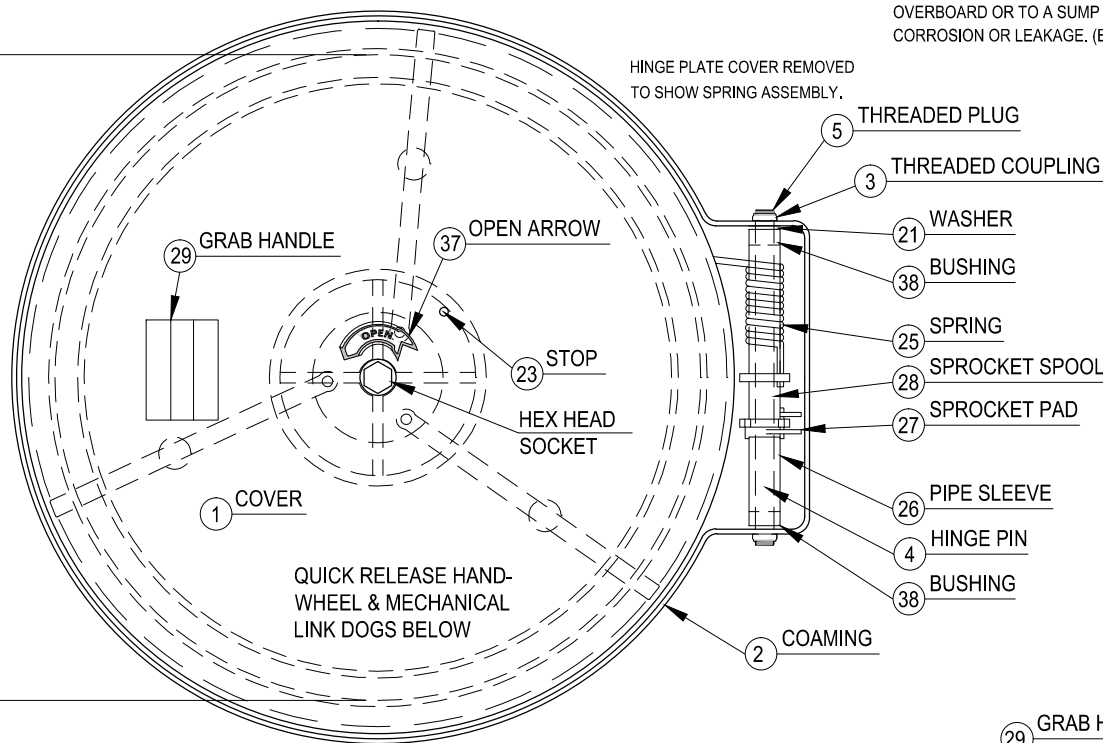
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

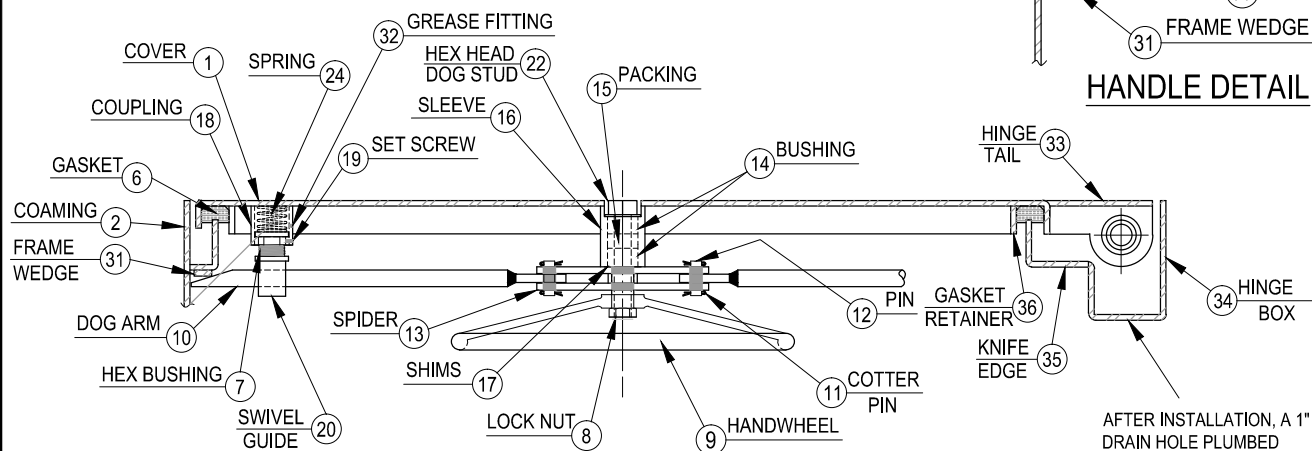
RAISED QUICK ACTING WATERTIGHT ROUND SCUTTLE

DWG. NO.: 402-MS

FIG. 'A'- CLEAR OPENING



PLAN



SECTION

NOTES:

1. AFTER INSTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	COLD FINISH	
5	STEEL	
6	NEOPRENE	
7	BRASS	
8	STAINLESS	
9	MILD STEEL	
10	COLD FINISH	
11	STAINLESS	
12	BRASS	
13	MILD STEEL	
14	DELIN	
15	TEFLON	
16	MILD STEEL	
17	STAINLESS	
18	MILD STEEL	
19	PLATED STEEL	
20	BRASS	
21	STAINLESS	
22	BRASS	
23	MILD STEEL	
24	PLATED STEEL	
25	STAINLESS	
26	MILD STEEL	
27	MILD STEEL	
28	MILD STEEL	
29	MILD STEEL	
30	MILD STEEL	
31	STAINLESS	
32	PLATED STEEL	
33	MILD STEEL	
34	MILD STEEL	
35	MILD STEEL	
36	MILD STEEL	
37	STAINLESS	316L ALLOY
38	BRONZE	

CEN-TEX MARINE FABRICATORS, INC.

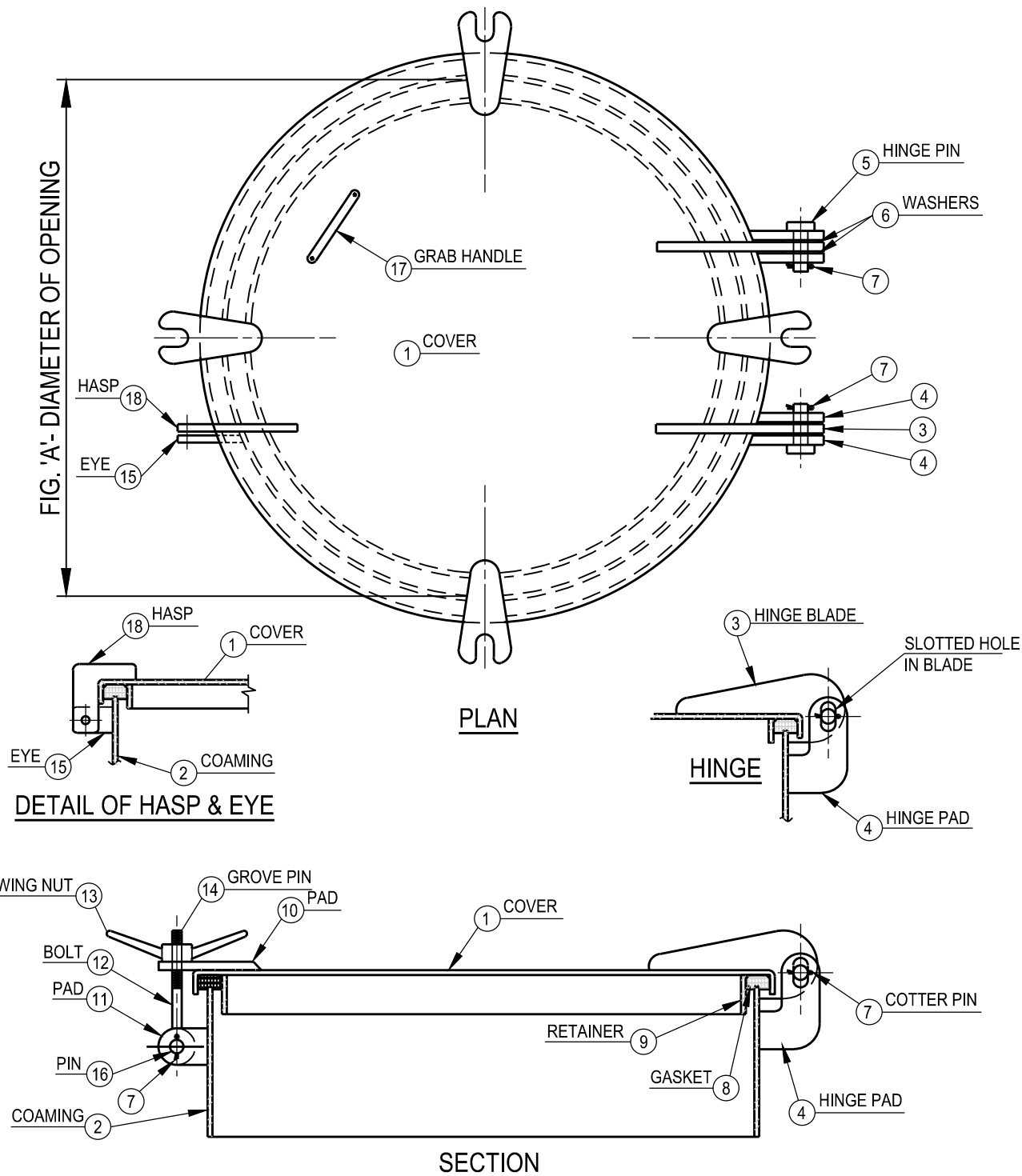
SMITHVILLE, TEXAS

QUICK ACTING WATERTIGHT FLUSH SCUTTLE

DWG. NO.: 403-MS

AFTER INSTALLATION, A 1" DRAIN HOLE PLUMBED OVERBOARD OR SUMP. (BY OTHERS)

FIG. 'A'- DIAMETER OF OPENING



SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	NEOPRENE	
9	MILD STEEL	
10	MILD STEEL	
11	MILD STEEL	
12	BRONZE	
13	BRONZE	
14	STAINLESS	
15	MILD STEEL	
16	BRASS	
17	MILD STEEL	
18	MILD STEEL	

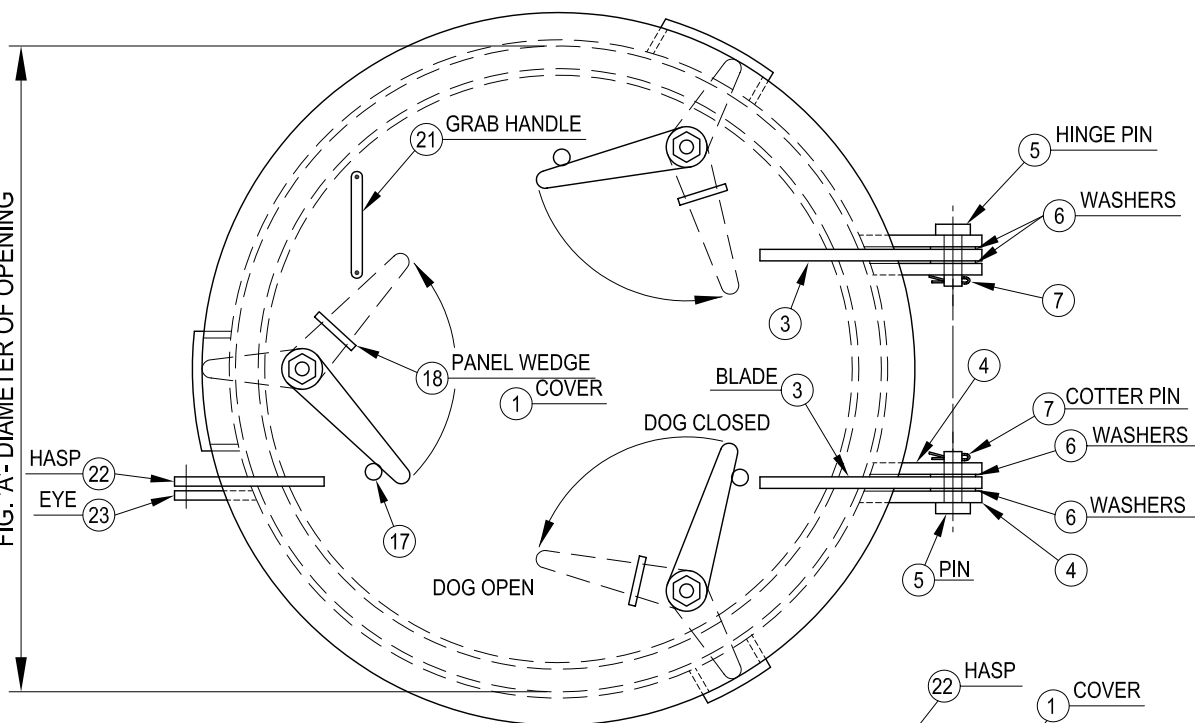
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

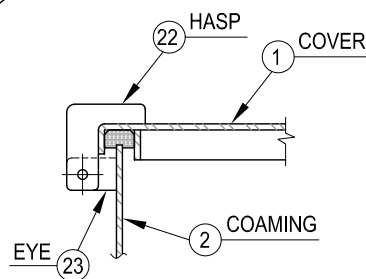
WATERTIGHT SCUTTLE W/DROP BOLTS

DWG. NO.: 404-MS

FIG. 'A'- DIAMETER OF OPENING



PLAN



DETAIL OF HASP & EYE

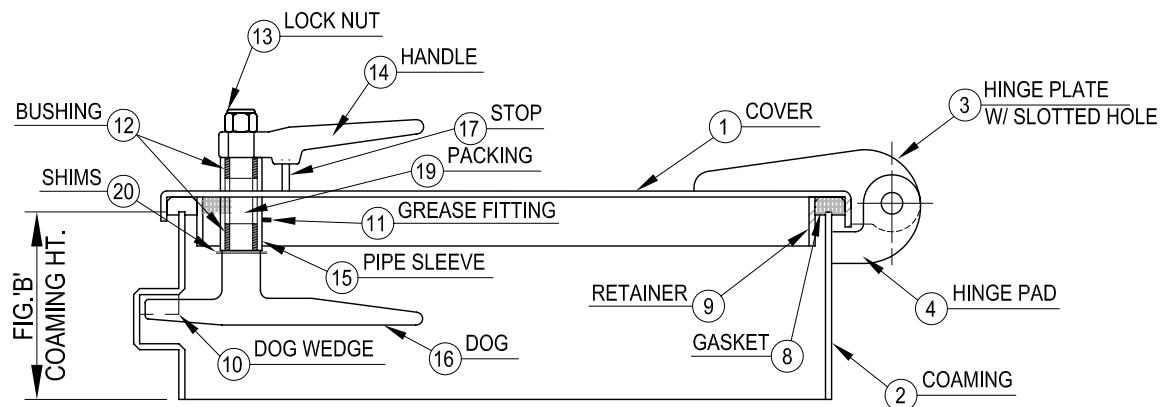


FIG. 'B'
COAMING HT.

SECTION

SCHEDULE OF MATERIALS

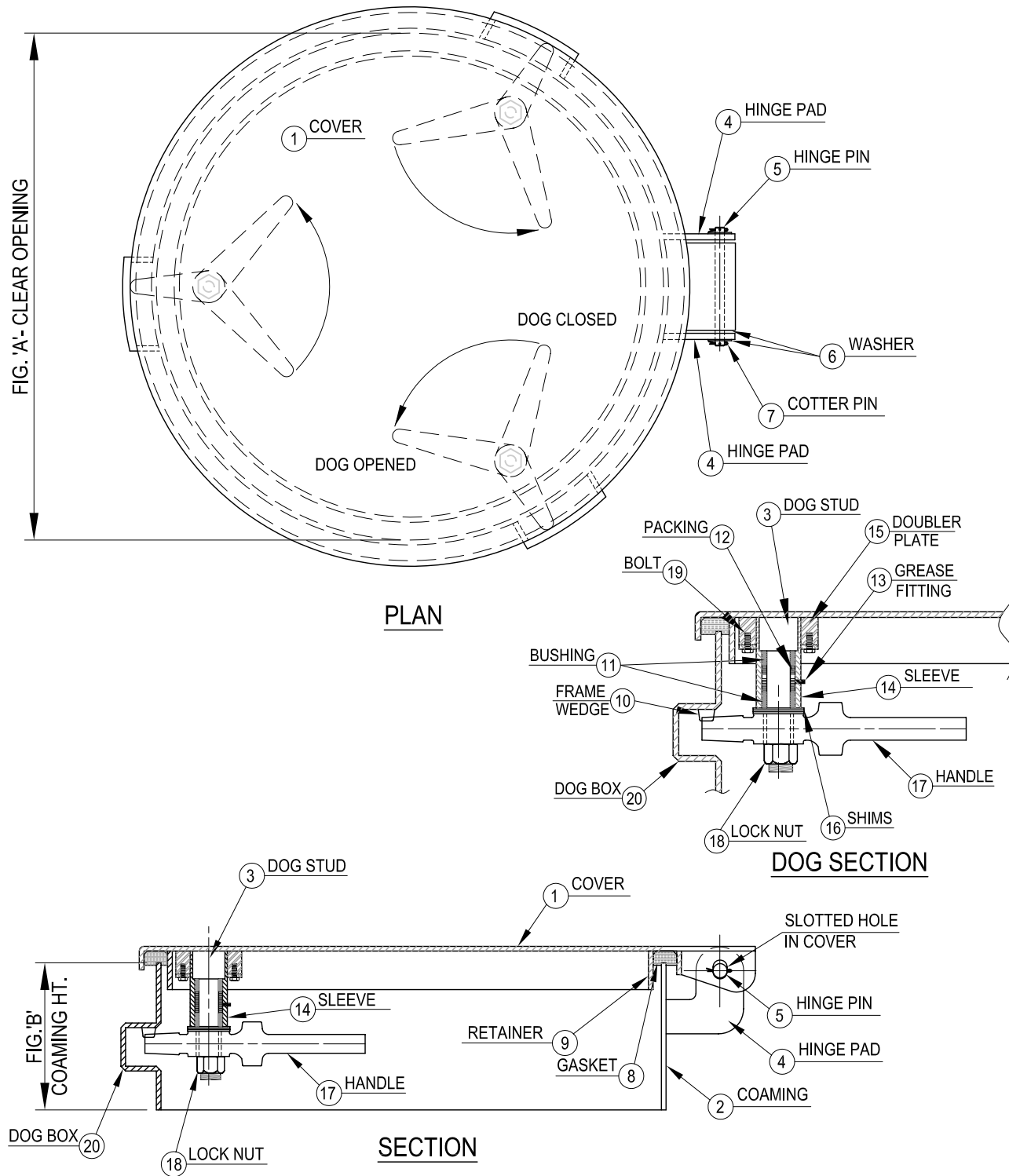
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	NEOPRENE	
9	MILD STEEL	
10	FORGED STEEL	
11	PLATED STEEL	
12	DELFIN	
13	PLATED STEEL	
14	FORGED STEEL	
15	MILD STEEL	
16	FORGED STEEL	
17	MILD STEEL	
18	MILD STEEL	
19	TEFLON	
20	STAINLESS	
21	MILD STEEL	
22	MILD STEEL	
23	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

WATERTIGHT SCUTTLE WITH DOGS

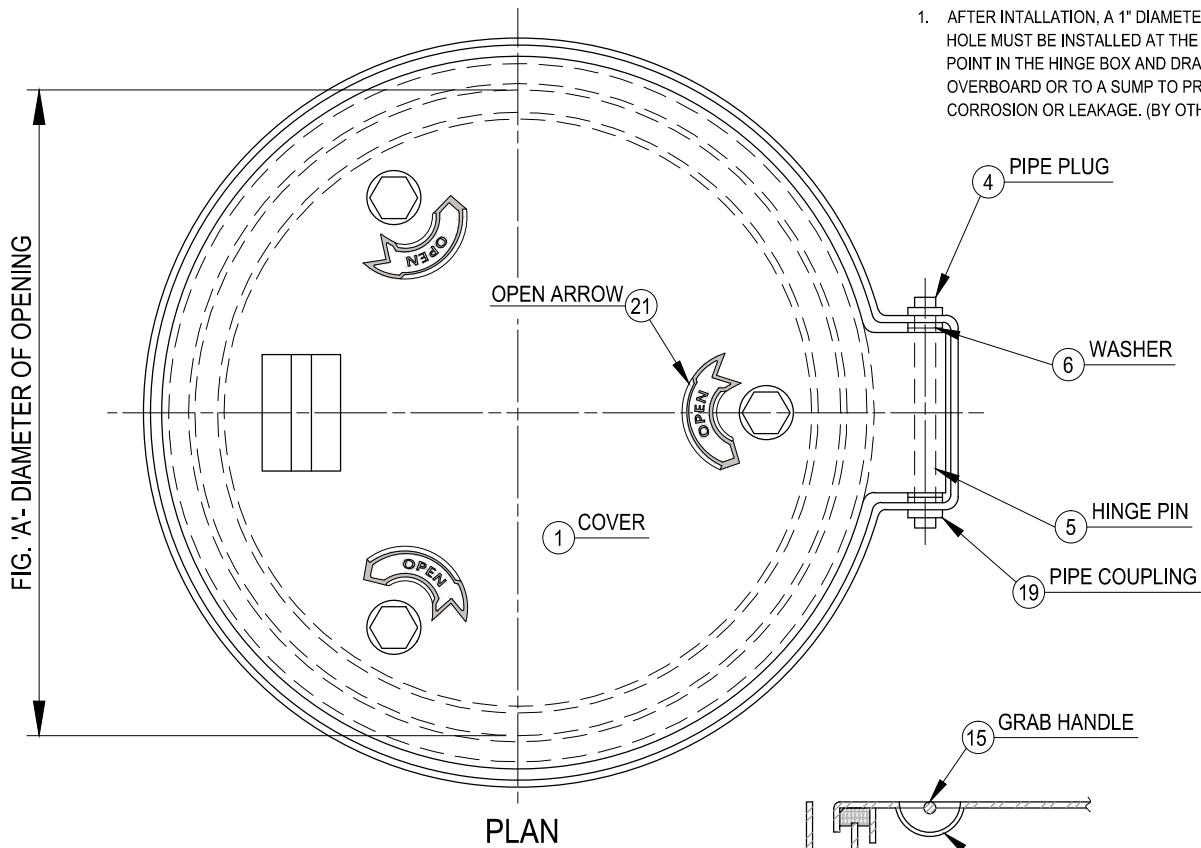
DWG. NO.: 405-MS



SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	BRASS	
4	MILD STEEL	
5	COLD FINISH	
6	STAINLESS	
7	STAINLESS	
8	NEOPRENE	
9	MILD STEEL	
10	MILD STEEL	
11	DELTRIN	
12	TEFLON	
13	PLATED STEEL	
14	MILD STEEL	
15	MILD STEEL	
16	STAINLESS	
17	BRASS	
18	PLATED STEEL	
19	PLATED STEEL	
20	MILD STEEL	

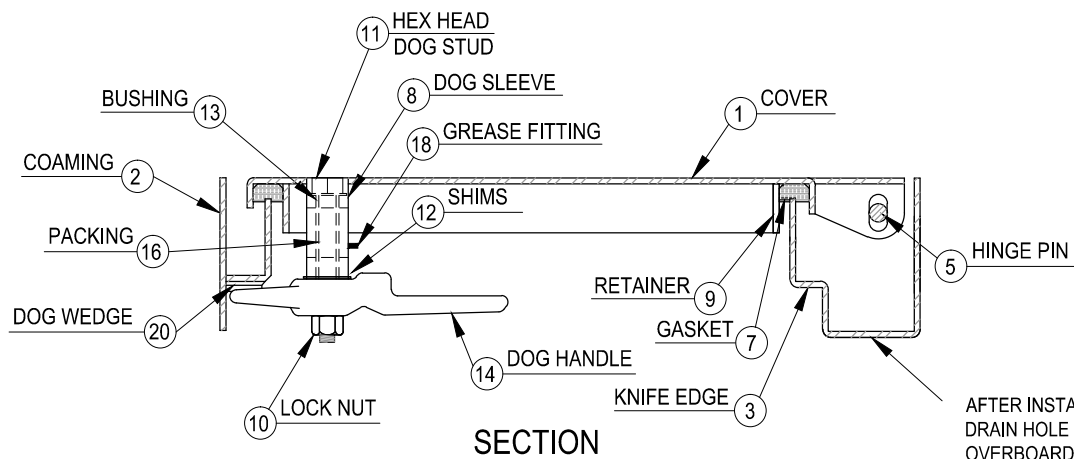
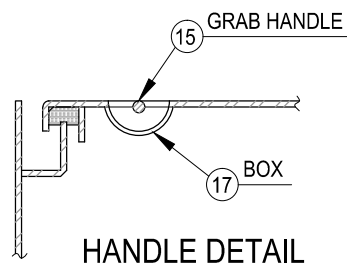
<i>CEN-TEX MARINE FABRICATORS, INC.</i>
SMITHVILLE, TEXAS
WATERTIGHT SCUTTLE OPERATE BELOW ONLY
DWG. NO.: 406-MS

FIG. 'A'- DIAMETER OF OPENING



NOTES:

1. AFTER INTALLATION, A 1" DIAMETER DRAIN HOLE MUST BE INSTALLED AT THE LOW POINT IN THE HINGE BOX AND DRAINED OVERBOARD OR TO A SUMP TO PREVENT CORROSION OR LEAKAGE. (BY OTHERS)



SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	MILD STEEL	
4	MILD STEEL	
5	COLD FINISH	
6	STAINLESS	
7	NEOPRENE	
8	MILD STEEL	
9	MILD STEEL	
10	STAINLESS	
11	BRASS	
12	STAINLESS	
13	DELIN	
14	MANGANESE BRONZE	
15	MILD STEEL	
16	TEFLON	
17	MILD STEEL	
18	PLATED STEEL	
19	MILD STEEL	
20	FORGED STEEL	
21	STAINLESS	316L ALLOY

CEN-TEX MARINE FABRICATORS, INC.

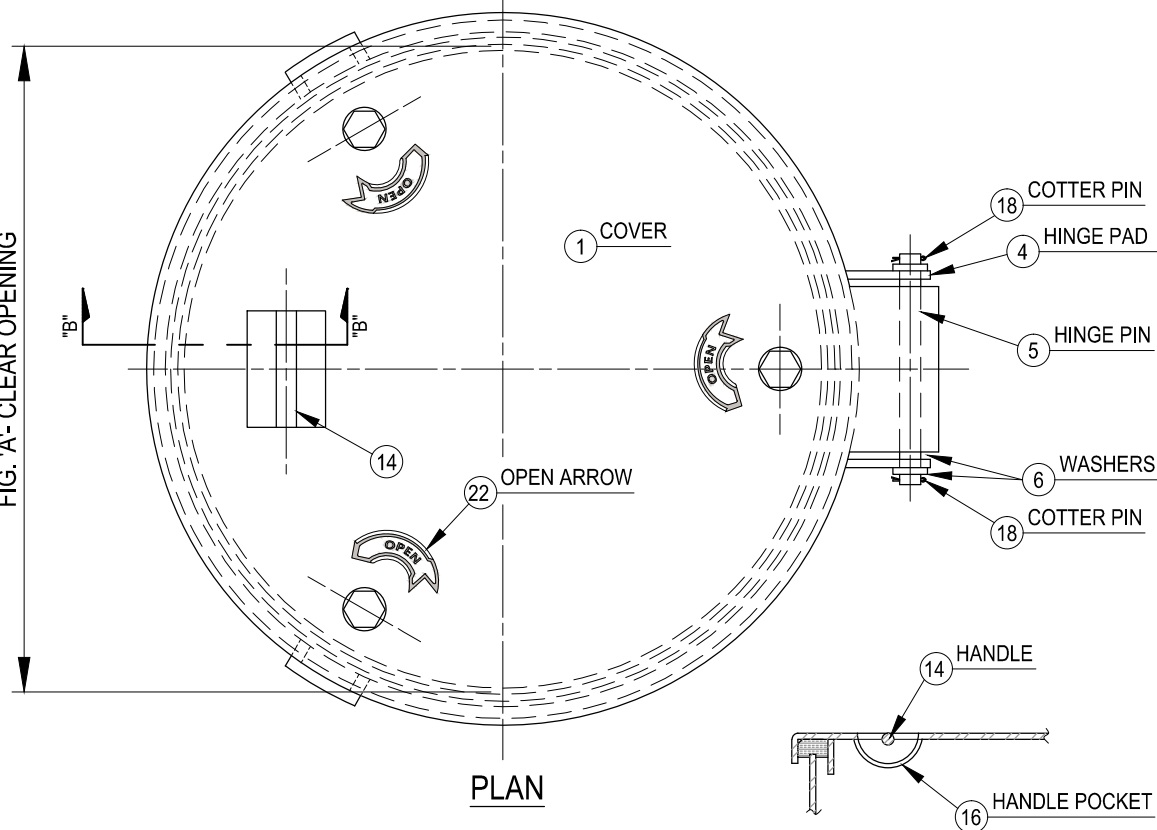
SMITHVILLE, TEXAS

WATERTIGHT FLUSH SCUTTLE

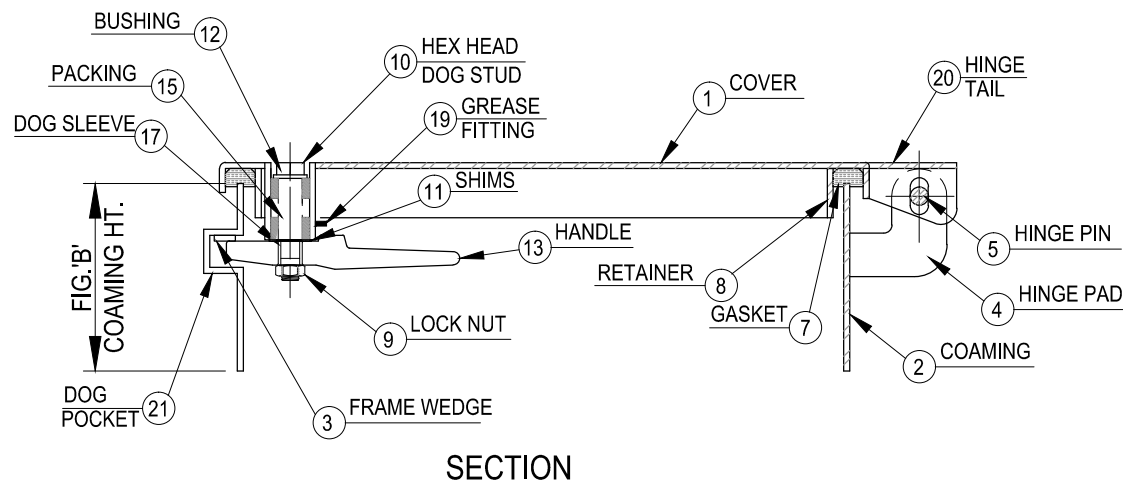
DWG. NO.: 407-MS

AFTER INSTALLATION, A 1" DRAIN HOLE PLUMBED OVERBOARD OR SUMP. (BY OTHERS)

FIG. 'A'- CLEAR OPENING



SECTION 'B-B'



SECTION

SCHEDULE OF MATERIALS

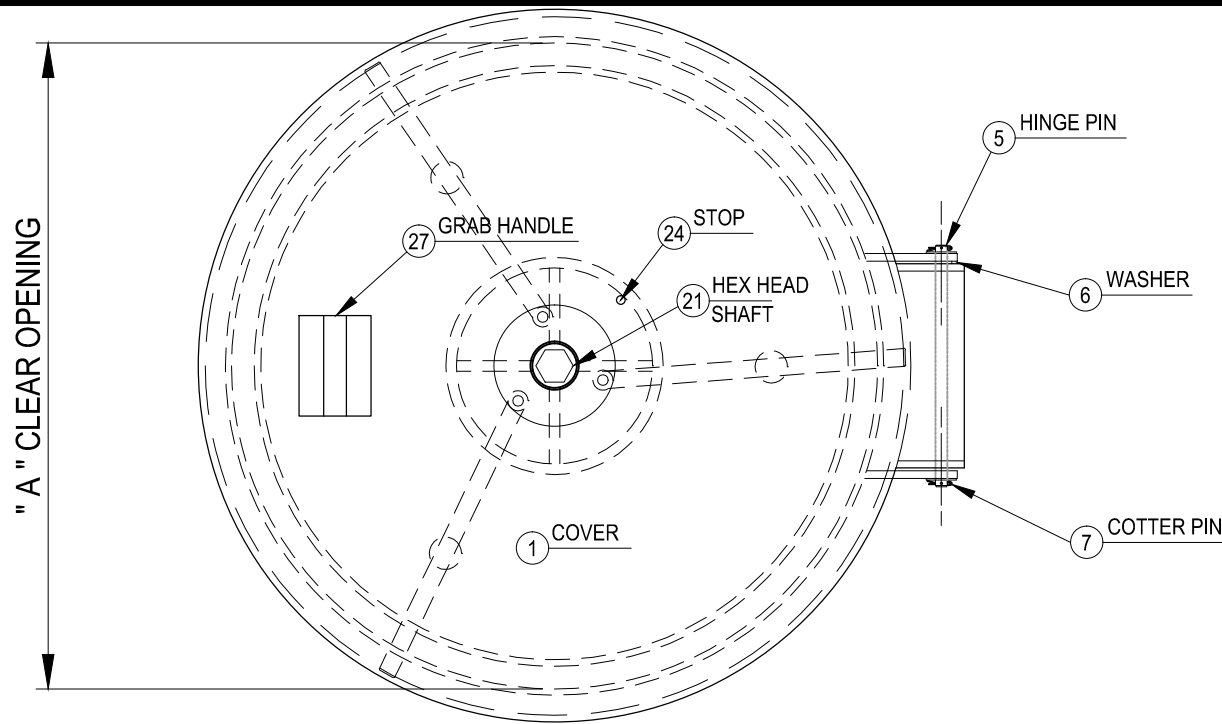
PC.	MATERIAL	REMARKS
1	STEEL	
2	STEEL	
3	FORGED STEEL	
4	STEEL	
5	COLD FINISH	
6	STAINLESS	
7	NEOPRENE	
8	STEEL	
9	PLATED STEEL	
10	BRASS	
11	STAINLESS	
12	DELIN	
13	MANGANESE BRONZE	
14	STEEL	
15	TEFLON	
16	STEEL	
17	STEEL	
18	STAINLESS	
19	PLATED STEEL	
20	STEEL	
21	STEEL	
22	STAINLESS	316L

CEN-TEX MARINE FABRICATORS, INC.

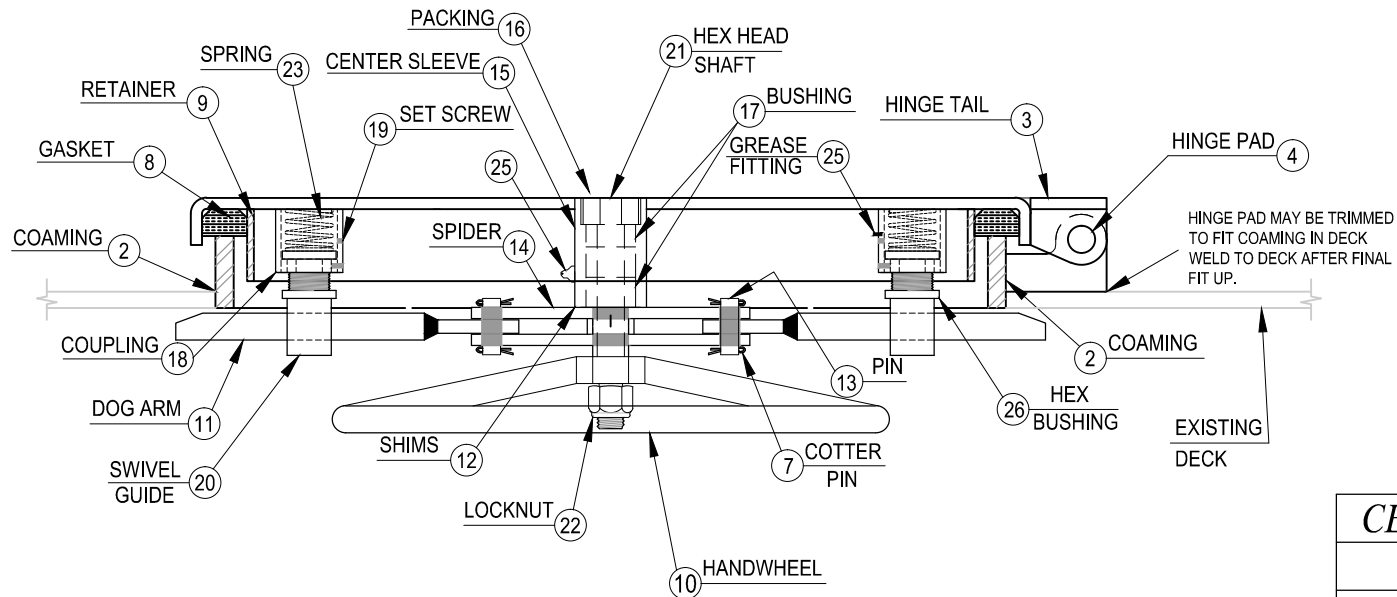
SMITHVILLE, TEXAS

RAISED WATERTIGHT SCUTTLE-FLUSH COVER

DWG. NO.: 408-MS



PLAN



SECTION

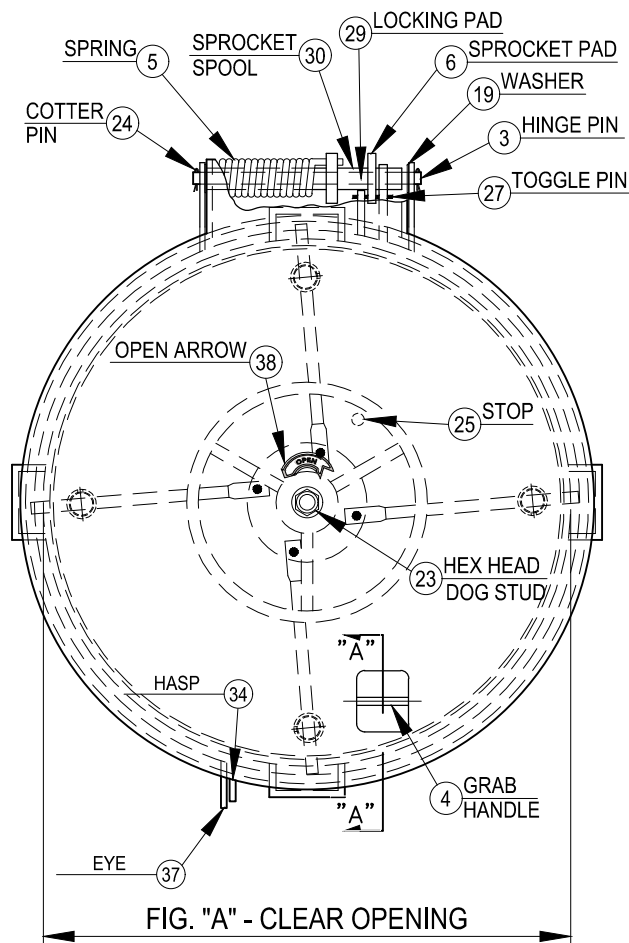
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	2" TALL MINIMUM
3	MILD STEEL	
4	MILD STEEL	
5	BRASS	
6	STAINLESS	
7	STAINLESS	
8	NEOPRENE	
9	MILD STEEL	
10	MILD STEEL	
11	MILD STEEL	
12	STAINLESS	
13	BRASS	
14	MILD STEEL	
15	MILD STEEL	
16	TEFLON	
17	DELIN	
18	MILD STEEL	
19	MILD STEEL	
20	BRASS	
21	BRASS	
22	PLATED STEEL	
23	STEEL	
24	MILD STEEL	
25	PLATED STEEL	
26	BRASS	
27	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

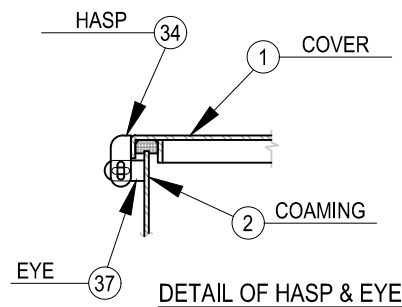
SMITHVILLE, TEXAS

QUICK ACTION FLUSH COVER w2" RAISED COAMING

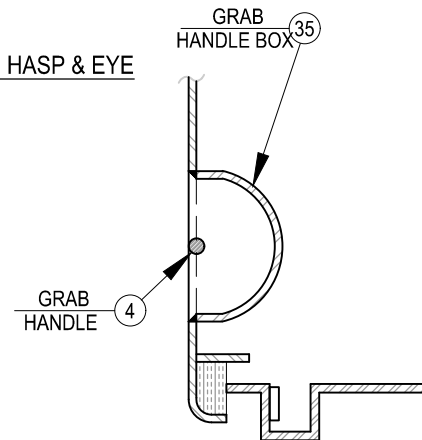
DWG. NO.: 409-MS



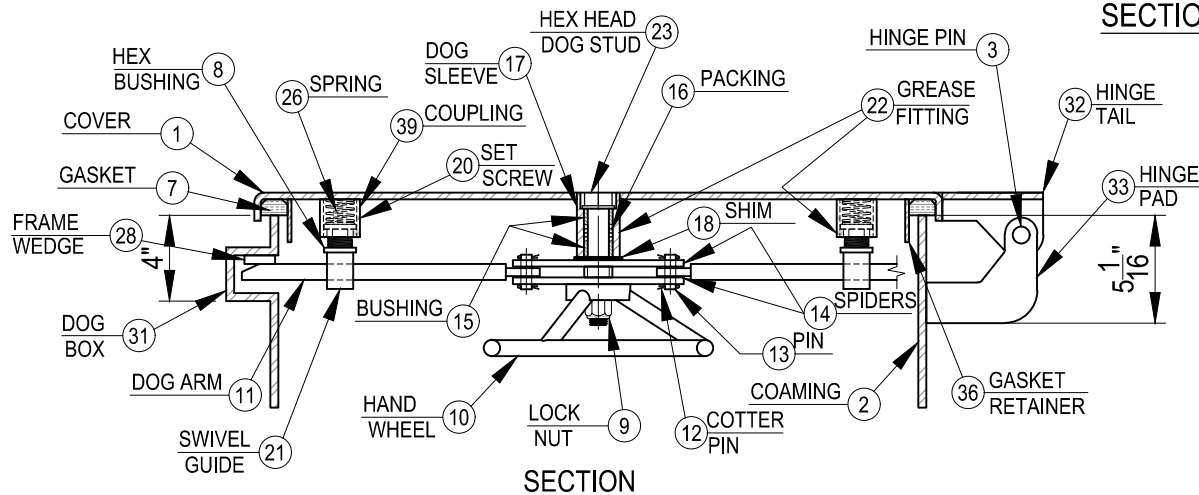
PLAN



DETAIL OF HASP & EYE



SECTION 'A-A'



SECTION

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
33	MILD STEEL	
34	MILD STEEL	
35	MILD STEEL	
36	MILD STEEL	
37	MILD STEEL	
38	STAINLESS	316L
39	MILD STEEL	

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	MILD STEEL	
3	COLD FINISH	
4	MILD STEEL	
5	STAINLESS	
6	MILD STEEL	
7	NEOPRENE	
8	BRASS	
9	PLATED STEEL	
10	MILD STEEL	
11	COLD FINISH	
12	STAINLESS	
13	BRASS	
14	MILD STEEL	
15	DELTRIN	
16	TEFLON	
17	MILD STEEL	
18	STAINLESS	
19	STAINLESS	
20	PLATED STEEL	
21	BRASS	
22	PLATED STEEL	
23	BRASS	
24	STAINLESS	
25	MILD STEEL	
26	SPRING STEEL	
27	PLATED STEEL	
28	MILD STEEL	
29	MILD STEEL	
30	MILD STEEL	
31	MILD STEEL	
32	MILD STEEL	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

RAISED WATERTIGHT SCUTTLE

w/SPRING & FLUSH COVER

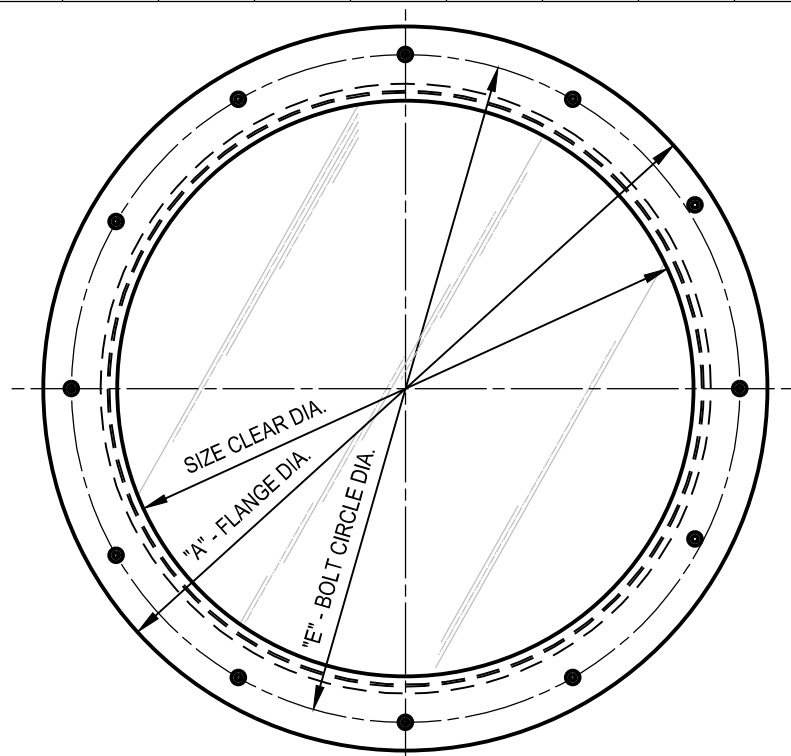
DWG. NO.: 410-MS

#/O/S

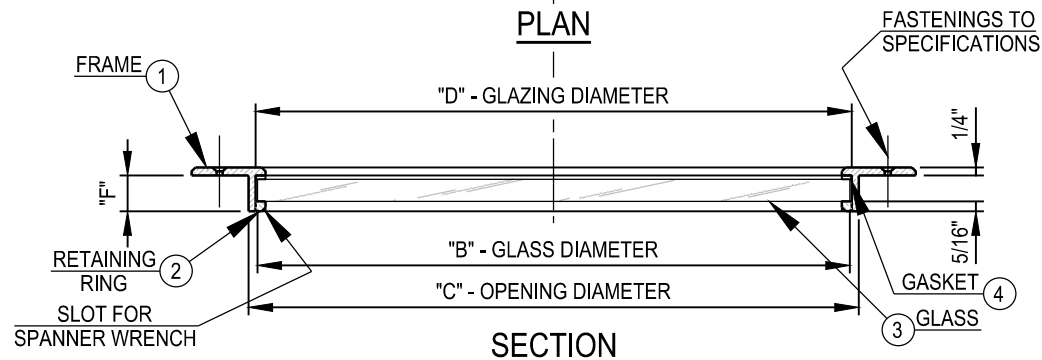
FIXED LIGHTS

DIMENSION SCHEDULE

SIZE:		4	6	7	8	10	12	14	16	18
DIMENSIONS:	A	6 5/8	8 1/2	9 3/4	11	13 1/4	15 1/4	18 1/4	20 5/8	22 5/8
	B	4 3/8x3/8	6 3/8x1/2	7 3/8x3/4	8 1/2x3/4	10 1/2x3/4	12 1/2x3/4	14 1/2x3/4	16 1/2x3/4	18 1/2x3/4
	C	4 13/16	6.800	7 13/16	9 1/16	11 1/16	13 1/16	15 1/16	17 1/16	19 1/16
	D	4 1/2	6 1/2	7 1/2	8 5/8	10 5/8	12 5/8	14 5/8	16 5/8	18 5/8
	E	5 7/8	7 1/2	8 7/8	10 3/8	12 1/4	14 1/4	17	18 7/8	20 7/8
	F	1	1	1	1 1/8	1 1/8	1 1/8	1 3/16	1 3/16	1 3/16
HOLES:		6	6	6	8	8	12	12	12	12
DRILLED FOR:		1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.



PLAN



SECTION

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	ALUMINUM	
2	ALUMINUM	
3	GLASS	
4	NEOPRENE	

CEN-TEX MARINE FABRICATORS, INC.

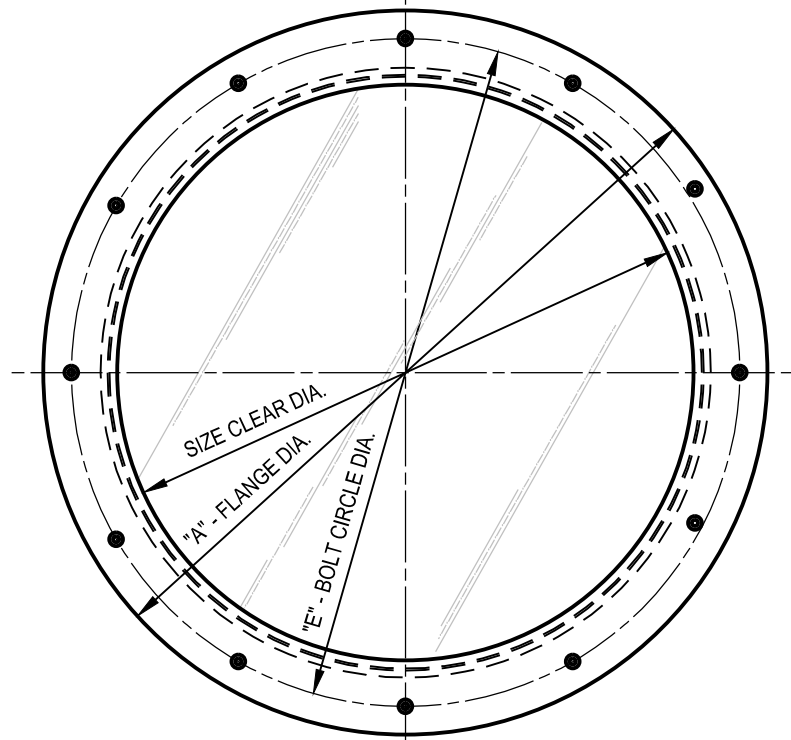
SMITHVILLE, TEXAS

ALUMINUM PLAIN FIXED LIGHT

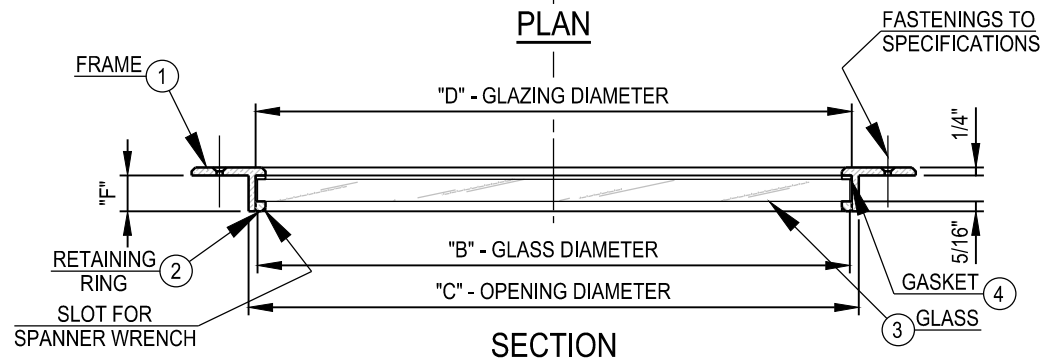
DWG. NO.: 500-A

DIMENSION SCHEDULE

SIZE:		4	6	7	8	10	12	14	16	18
DIMENSIONS:	A	6 5/8	8 1/2	9 3/4	11	13 1/4	15 1/4	18 1/4	20 5/8	22 5/8
	B	4 3/8x3/8	6 3/8x1/2	7 3/8x3/4	8 1/2x3/4	10 1/2x3/4	12 1/2x3/4	14 1/2x3/4	16 1/2x3/4	18 1/2x3/4
	C	4 13/16	6 .800	7 13/16	9 1/16	11 1/16	13 1/16	15 1/16	17 1/16	19 1/16
	D	4 1/2	6 1/2	7 1/2	8 5/8	10 5/8	12 5/8	14 5/8	16 5/8	18 5/8
	E	5 7/8	7 1/2	8 7/8	10 3/8	12 1/4	14 1/4	17	18 7/8	20 7/8
	F	1	1	1	1 1/8	1 1/8	1 1/8	1 3/16	1 3/16	1 3/16
HOLES:		6	6	6	8	8	12	12	12	12
DRILLED FOR:		1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.	1/4" F.H.



PLAN



SECTION

SCHEDULE OF MATERIALS

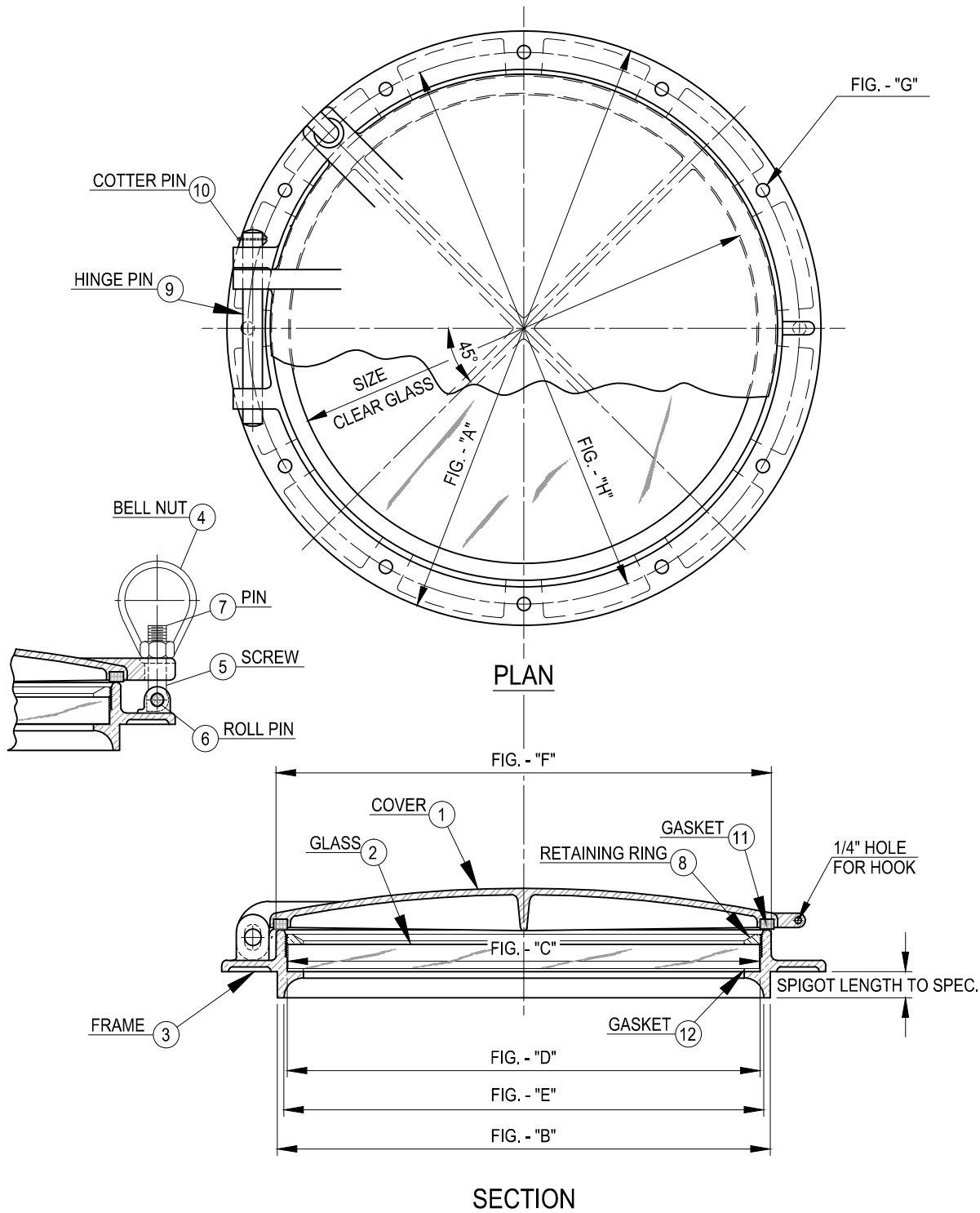
PC.	MATERIAL	REMARKS
1	BRASS	
2	BRASS	
3	GLASS	
4	NEOPRENE	

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

BRASS PLAIN FIXED LIGHT

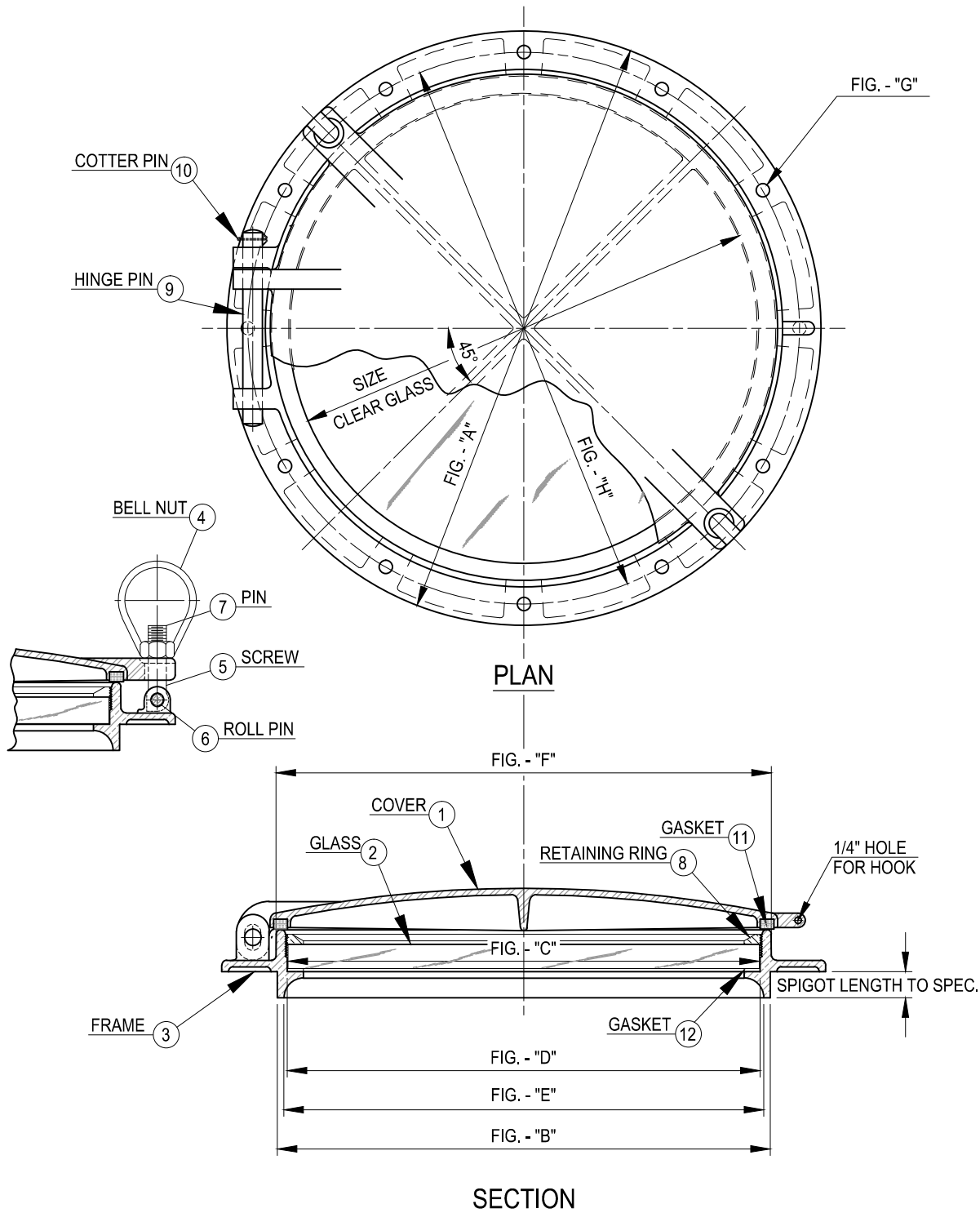
DWG. NO.: 500-B



SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	CAST ALUMINUM	
2	GLASS	
3	CAST ALUMINUM	
4	CAST ALUMINUM	
5	CAST ALUMINUM	
6	STAINLESS	
7	STAINLESS	
8	CAST ALUMINUM	
9	STAINLESS	
10	STAINLESS	
11	NEOPRENE	
12	NEOPRENE	

DIMENSION SCHEDULE							
SIZE:		8	10	12	14	16	18
DIMENSIONS:	A	11 3/8	13 5/8	15 7/8	18 7/8	20 5/8	22 5/8
	B	9	11	13 1/8	15 1/4	17 1/4	19 1/4
	C	8 1/2x3/4	10 1/2x3/4	12 1/2x3/4	14 1/2x3/4	16 1/2x3/4	18 1/2x3/4
	D	8 5/8	10 5/8	12 5/8	14 5/8	16 5/8	18 5/8
	E	8 3/4	10 3/4	12 3/4	14 3/4	16 3/4	18 3/4
	F	9	11	13 1/8	15 1/4	17 1/4	19 1/4
	G	25/64	25/64	25/64	25/64	33/64	33/64
	H	10 1/4	12 3/8	14 5/8	16 5/8	18 7/8	21
# OF HOLES:		6	8	12	12	12	12

CEN-TEX MARINE FABRICATORS, INC.
 SMITHVILLE, TEXAS
 ALUMINUM REVERSED FIXED LIGHT
 DWG. NO.: 600-A



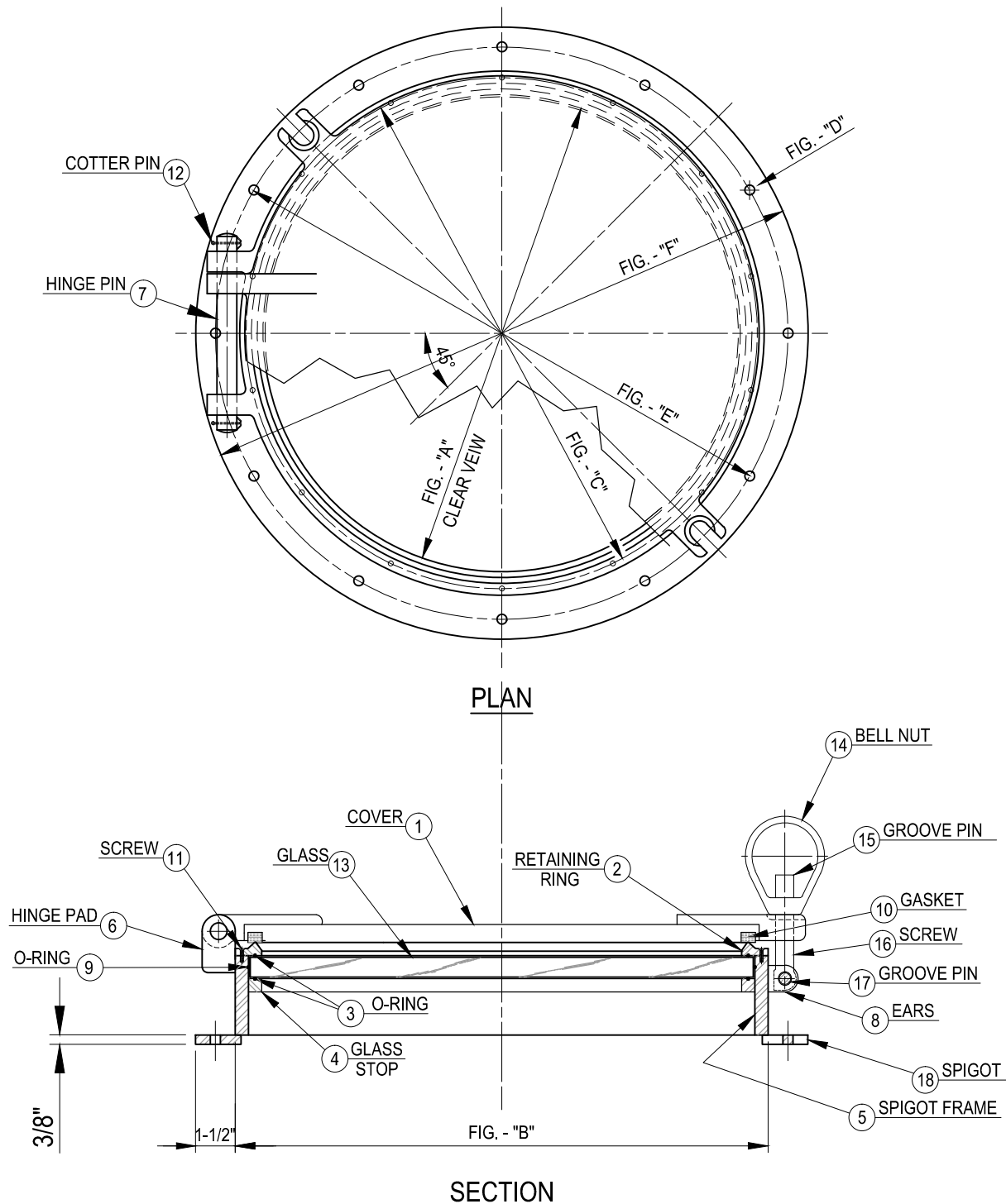
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	CAST ALUMINUM	
2	GLASS	
3	CAST BRASS	
4	CAST BRASS	
5	CAST BRASS	
6	STAINLESS	
7	STAINLESS	
8	CAST BRASS	
9	BRASS	
10	STAINLESS	
11	NEOPRENE	
12	NEOPRENE	

DIMENSION SCHEDULE							
SIZE:		8	10	12	14	16	18
DIMENSIONS:	A	11 3/8	13 5/8	15 7/8	18 7/8	20 5/8	22 5/8
	B	9	11	13 1/8	15 1/4	17 1/4	19 1/4
	C	8 1/2x3/4	10 1/2x3/4	12 1/2x3/4	14 1/2x3/4	16 1/2x3/4	18 1/2x3/4
	D	8 5/8	10 5/8	12 5/8	14 5/8	16 5/8	18 5/8
	E	8 3/4	10 3/4	12 3/4	14 3/4	16 3/4	18 3/4
	F	9	11	13 1/8	15 1/4	17 1/4	19 1/4
	G	25/64	25/64	25/64	25/64	33/64	33/64
	H	10 1/4	12 3/8	14 5/8	16 5/8	18 7/8	21
# OF HOLES:		6	8	12	12	12	12

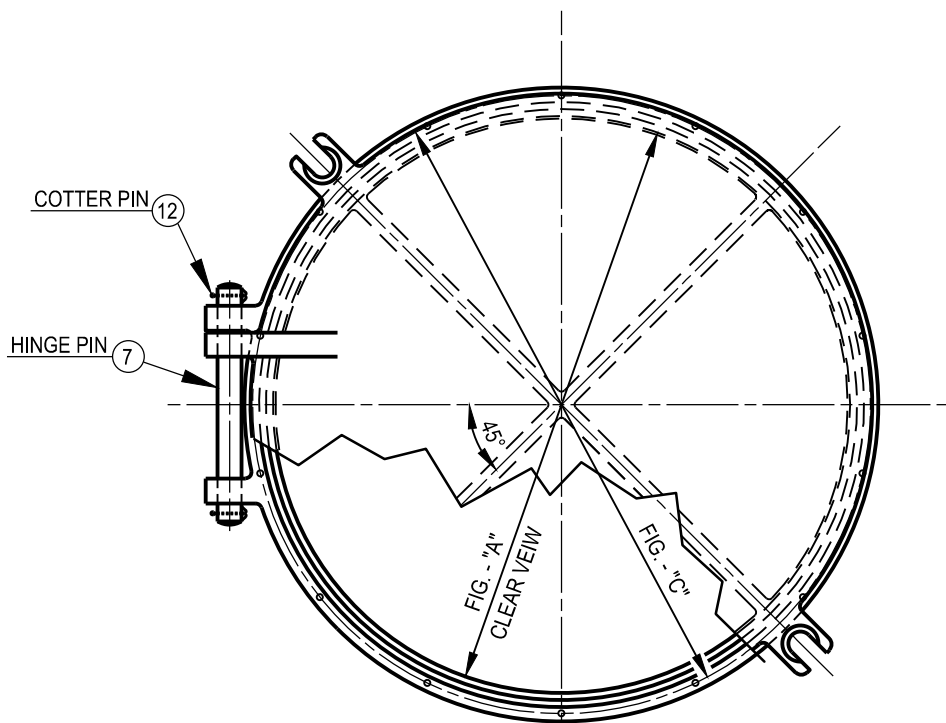
CEN-TEX MARINE FABRICATORS, INC.
 SMITHVILLE, TEXAS
 BRASS REVERSED FIXED LIGHT
 DWG. NO.: 600-B

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	MILD STEEL	1/2" THK.
2	BRASS	
3	NEOPRENE	3/16"Ø
4	MILD STEEL	
5	MILD STEEL	1/2" x 3"
6	MILD STEEL	
7	BRASS	
8	MILD STEEL	
9	NEOPRENE	1/4"Ø
10	NEOPRENE	
11	STAINLESS	10-32x3/4" LONG
12	STAINLESS	
13	GLASS	3/4" THK. TEMPERED
14	BRONZE	
15	STAINLESS	
16	BRONZE	
17	STAINLESS	
18	MILD STEEL	3/8" THK.

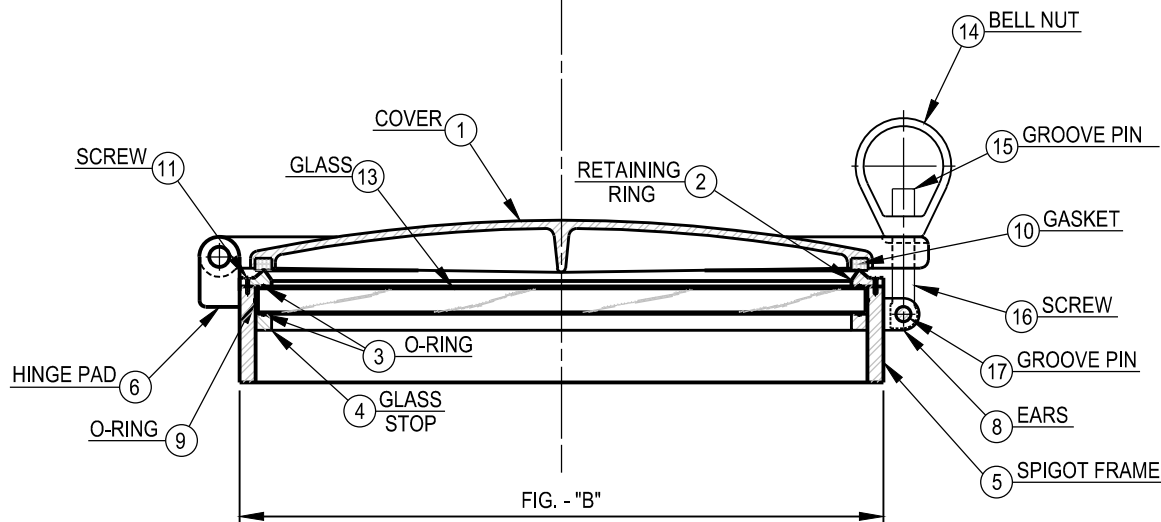
DIMENSION SCHEDULE					
SIZE:	10	12	14	16	18
DIMS:	A	10	12	14	16
	B	12	14	16	18
	C	11 7/16	13 7/16	15 7/16	17 7/16
	D	33/64"	33/64"	33/64"	33/64"
	E	13 1/2"	15 1/2"	17 1/2"	19 1/2"
	F	15"	17"	19"	21"
# OF HOLES:	10	12	12	12	12



CEN-TEX MARINE FABRICATORS, INC.
 SMITHVILLE, TEXAS
 STEEL BOLT ON - FIXED LIGHT
 DWG. NO.: 601



PLAN



SECTION

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	ALUMINUM	
2	ALUMINUM	
3	NEOPRENE	3/16"Ø
4	ALUMINUM	
5	ALUMINUM	1/2" THICK X 5"
6	ALUMINUM	
7	STAINLESS	
8	ALUMINUM	
9	NEOPRENE	1/4"Ø
10	NEOPRENE	
11	STAINLESS	10-32x3/4" LONG
12	STAINLESS	
13	GLASS	3/4"Thick Monolithic Tempered
14	ALUMINUM	
15	STAINLESS	
16	ALUMINUM	
17	STAINLESS	

DIMENSION SCHEDULE

SIZE:		10	12	14	16	18
DIMS:	A	10	12	14	16	18
	B	12	14	16	18	20
	C	11 7/16	13 7/16	15 7/16	17 7/16	19 7/16

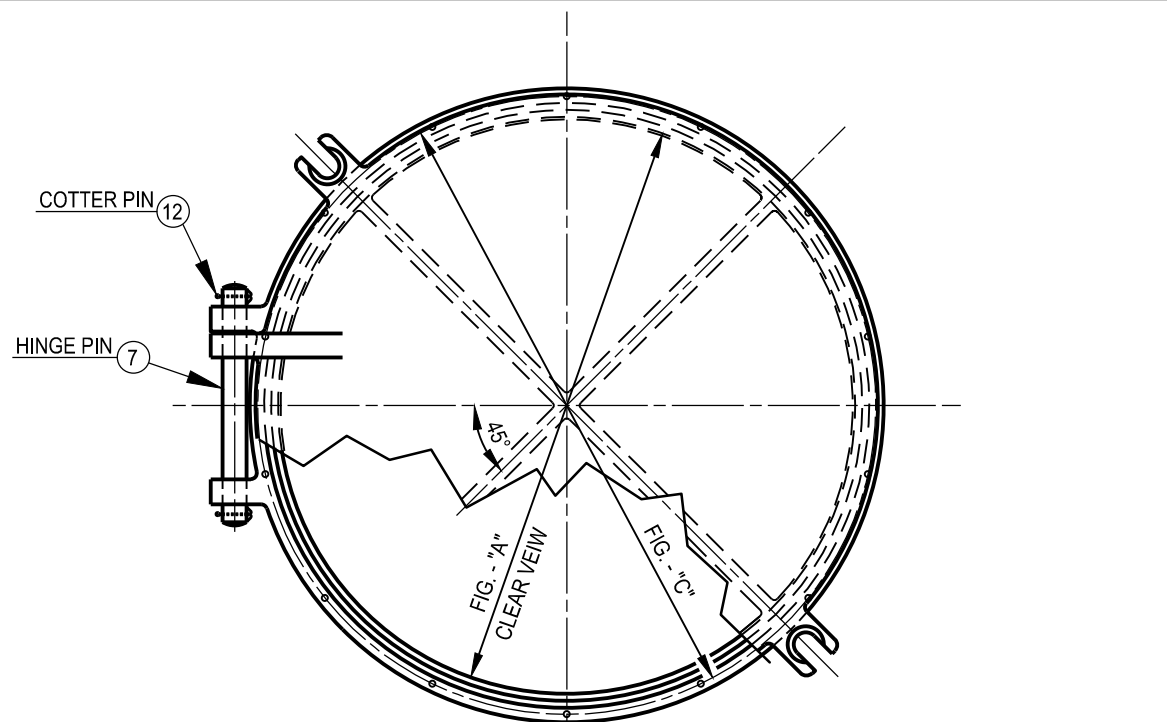
CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

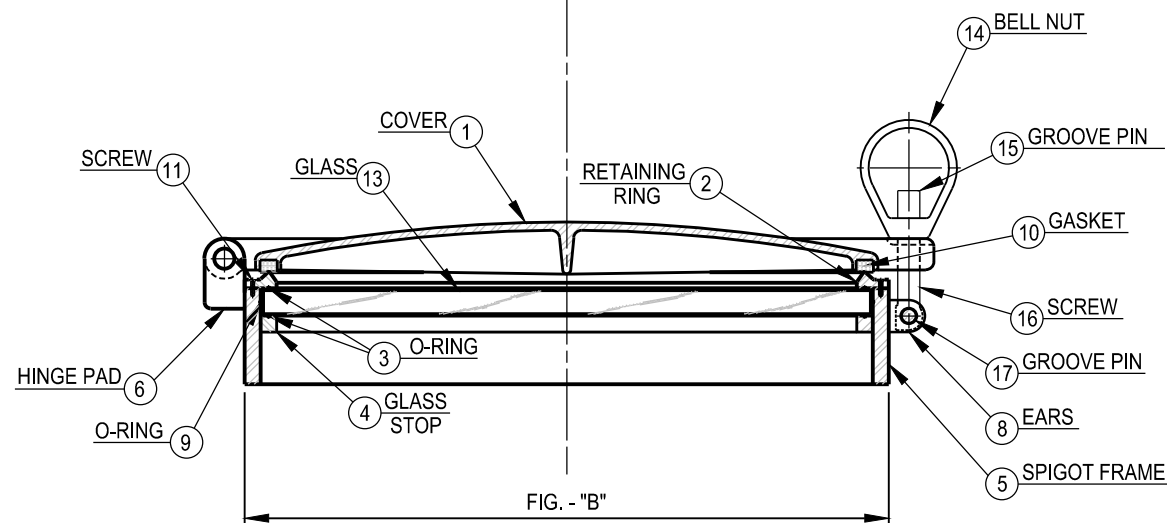
ALUMINUM WELD IN - FIXED LIGHTS

DWG. NO.: 900-A

PORTLIGHTS



PLAN

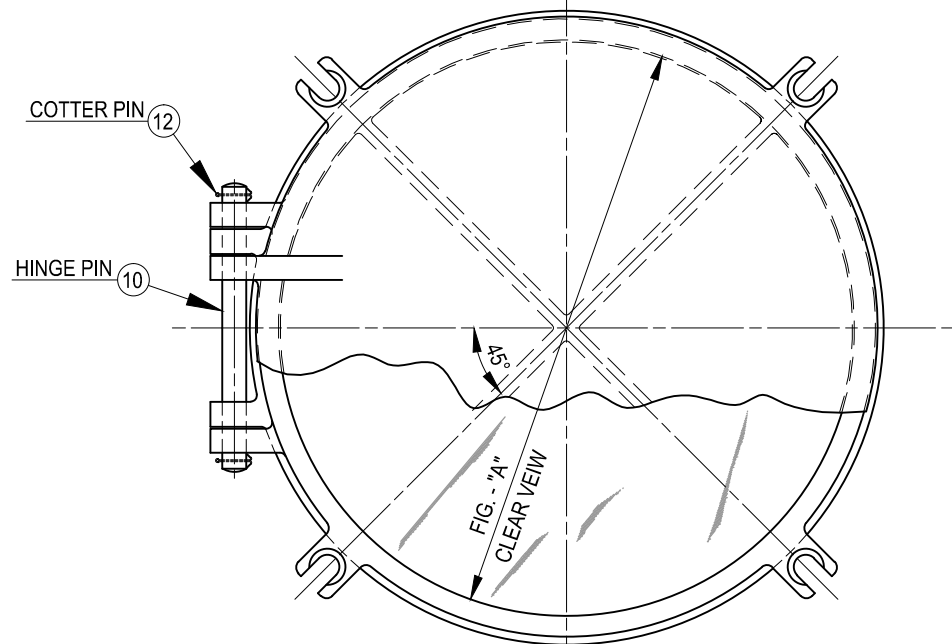


SECTION

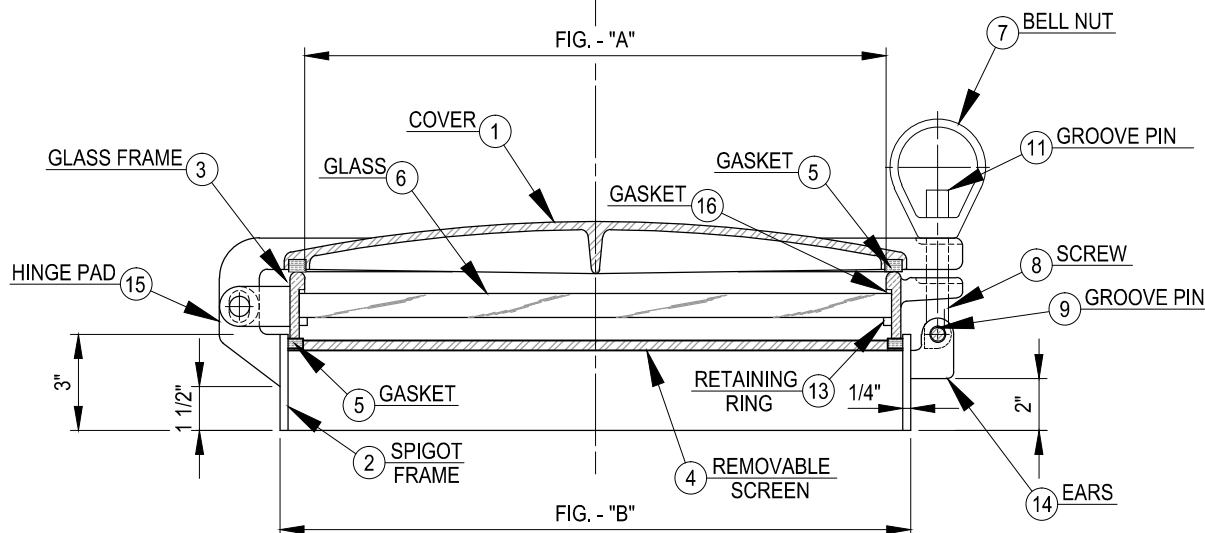
SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	ALUMINUM	
2	BRASS	
3	NEOPRENE	3/16"Ø
4	MILD STEEL	
5	MILD STEEL	1/2" x 3"
6	MILD STEEL	
7	BRASS	
8	MILD STEEL	
9	NEOPRENE	1/4"Ø
10	NEOPRENE	
11	STAINLESS	10-32x3/4" LONG
12	STAINLESS	
13	GLASS	3/4" THK. TEMPERED
14	BRONZE	
15	STAINLESS	
16	BRONZE	
17	STAINLESS	

DIMENSION SCHEDULE						
SIZE:		10	12	14	16	18
DIMS:	A	10	12	14	16	18
	B	12	14	16	18	20
	C	11 7/16	13 7/16	15 7/16	17 7/16	19 7/16

CEN-TEX MARINE FABRICATORS, INC.
 SMITHVILLE, TEXAS
 STEEL WELD IN - FIXED LIGHT w/ ALUM. COVER
 DWG. NO.: 900-B



PLAN



SECTION

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	ALUMINUM	
2	ALUMINUM	
3	ALUMINUM	
4	STAINLESS	
5	NEOPRENE	
6	GLASS	
7	ALUMINUM	
8	ALUMINUM	
9	STAINLESS	
10	STAINLESS	
11	STAINLESS	
12	STAINLESS	
13	ALUMINUM	
14	ALUMINUM	
15	ALUMINUM	
16	NEOPRENE	

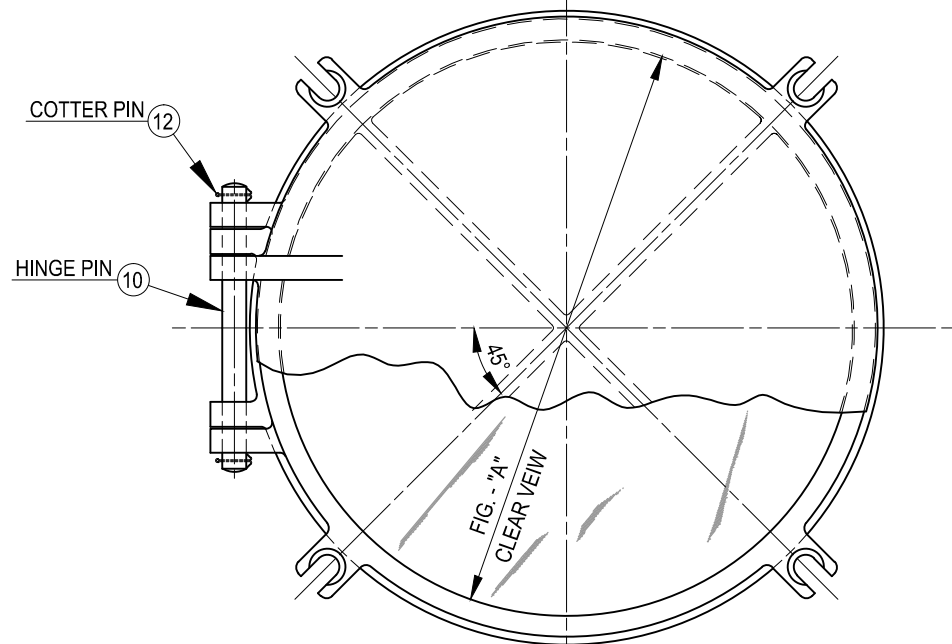
DIMENSION SCHEDULE							
SIZE:		8	10	12	14	16	18
DIMS:	A	8	10	12	14	16	18
	B	9-1/2	11-1/2	13-1/2	15-1/2	17-1/2	19-1/2

CEN-TEX MARINE FABRICATORS, INC.

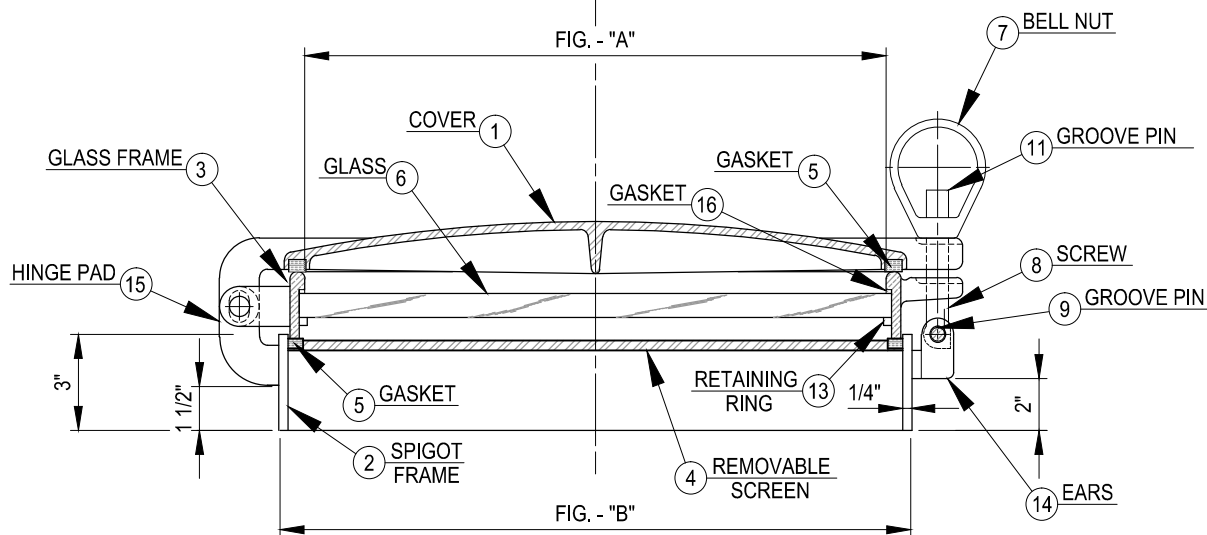
SMITHVILLE, TEXAS

ALUMINUM PORTLIGHT - WELD IN

DWG. NO.: 700-A



PLAN



SECTION

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	ALUMINUM	
2	STEEL	
3	BRASS	
4	BRASS	
5	NEOPRENE	
6	GLASS	
7	BRASS	
8	BRASS	
9	STAINLESS	
10	BRASS	
11	STAINLESS	
12	STAINLESS	
13	BRASS	
14	MILD STEEL	
15	MILD STEEL	
16	NEOPRENE	

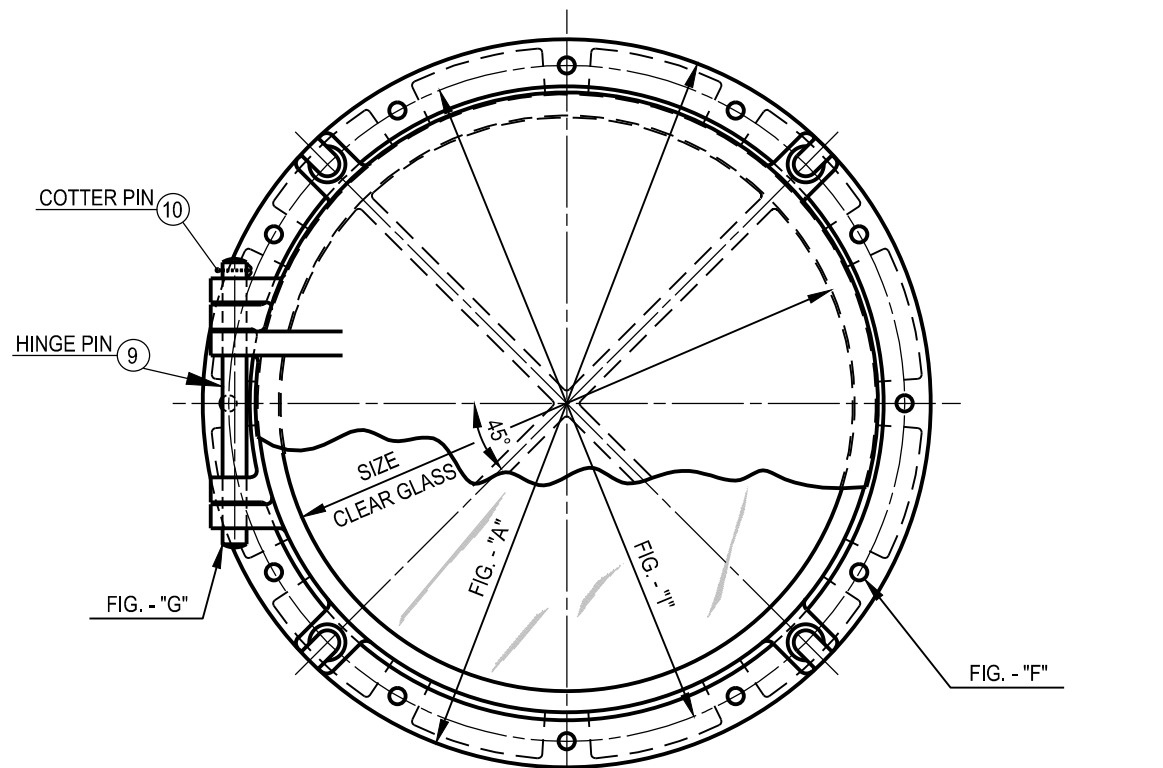
DIMENSION SCHEDULE							
SIZE:		8	10	12	14	16	18
DIMS:	A	8	10	12	14	16	18
	B	9-1/2	11-1/2	13-1/2	15-1/2	17-1/2	19-1/2

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

BRASS PORTLIGHT - WELD IN

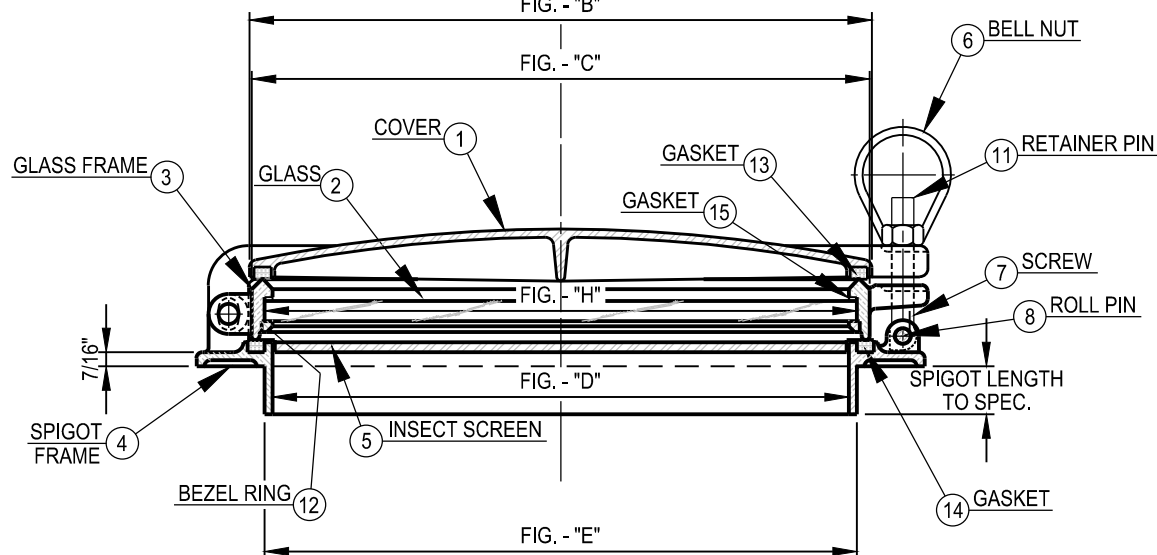
DWG. NO.: 700-B



PLAN

FIG. - "B"

FIG. - "C"



SECTION

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	CAST ALUMINUM	
2	GLASS	
3	ALUMINUM	
4	ALUMINUM	
5	STAINLESS	
6	ALUMINUM	
7	ALUMINUM	
8	STAINLESS	
9	ALUMINUM	
10	STAINLESS	
11	STAINLESS	
12	ALUMINUM	
13	NEOPRENE	
14	NEOPRENE	
15	NEOPRENE	

DIMENSION SCHEDULE

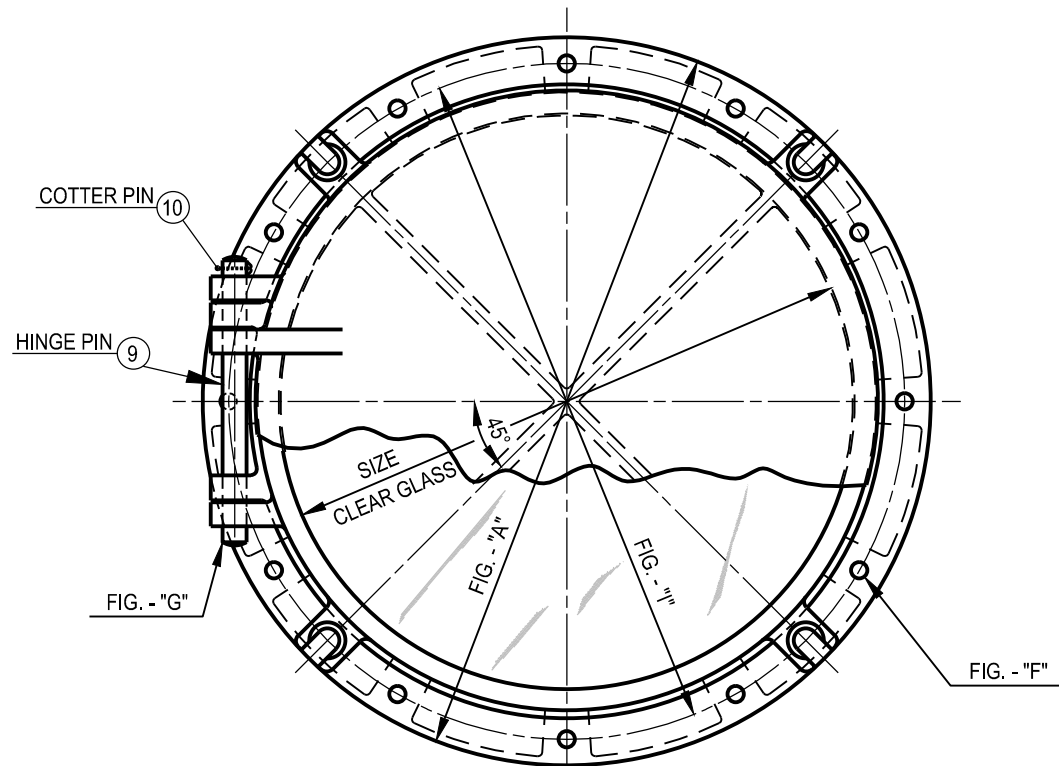
SIZE:		8	10	12	14	16	18
DIMENSIONS:	A	11 1/2	14 1/4	16	18	20 3/8	22 3/4
	B	9 1/4	11 1/4	13 7/16	15 5/8	17 5/16	19 1/2
	C	9 1/8	11 1/8	13 1/8	15 3/16	17 1/8	19 5/16
	D	8	10	12	14	16	18
	E	8 3/8	10 3/8	12 3/8	14 3/8	16 1/2	18 1/2
	F	25/64	33/64	33/64	33/64	33/64	33/64
	G	3/8	1/2	1/2	9/16	9/16	9/16
	H	8 5/8	10 5/8	12 5/8	14 5/8	16 5/8	18 5/8
	I	10 1/2	12 3/4	14 3/4	16 3/4	18 7/8	21 1/8
# OF HOLES:		9	12	12	12	12	12

CEN-TEX MARINE FABRICATORS, INC.

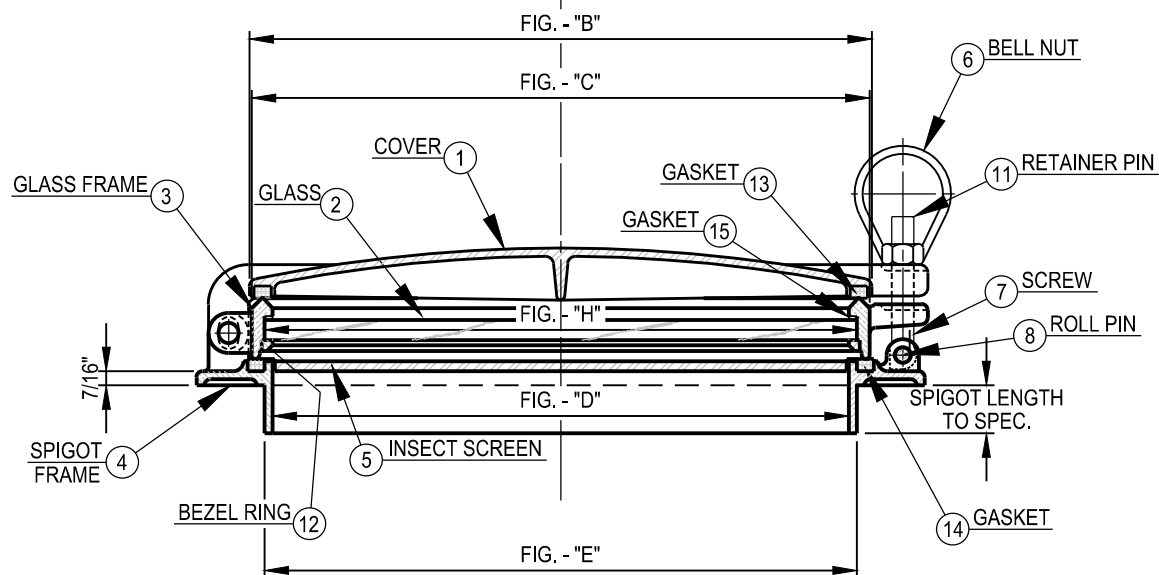
SMITHVILLE, TEXAS

ALUMINUM PORTLIGHT - BOLT ON

DWG. NO.: 800-A



PLAN



SECTION

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	CAST ALUMINUM	
2	GLASS	
3	BRASS	
4	BRASS	
5	BRASS	
6	BRASS	
7	BRASS	
8	STAINLESS	
9	BRASS	
10	STAINLESS	
11	STAINLESS	
12	BRASS	
13	NEOPRENE	
14	NEOPRENE	
15	NEOPRENE	

DIMENSION SCHEDULE

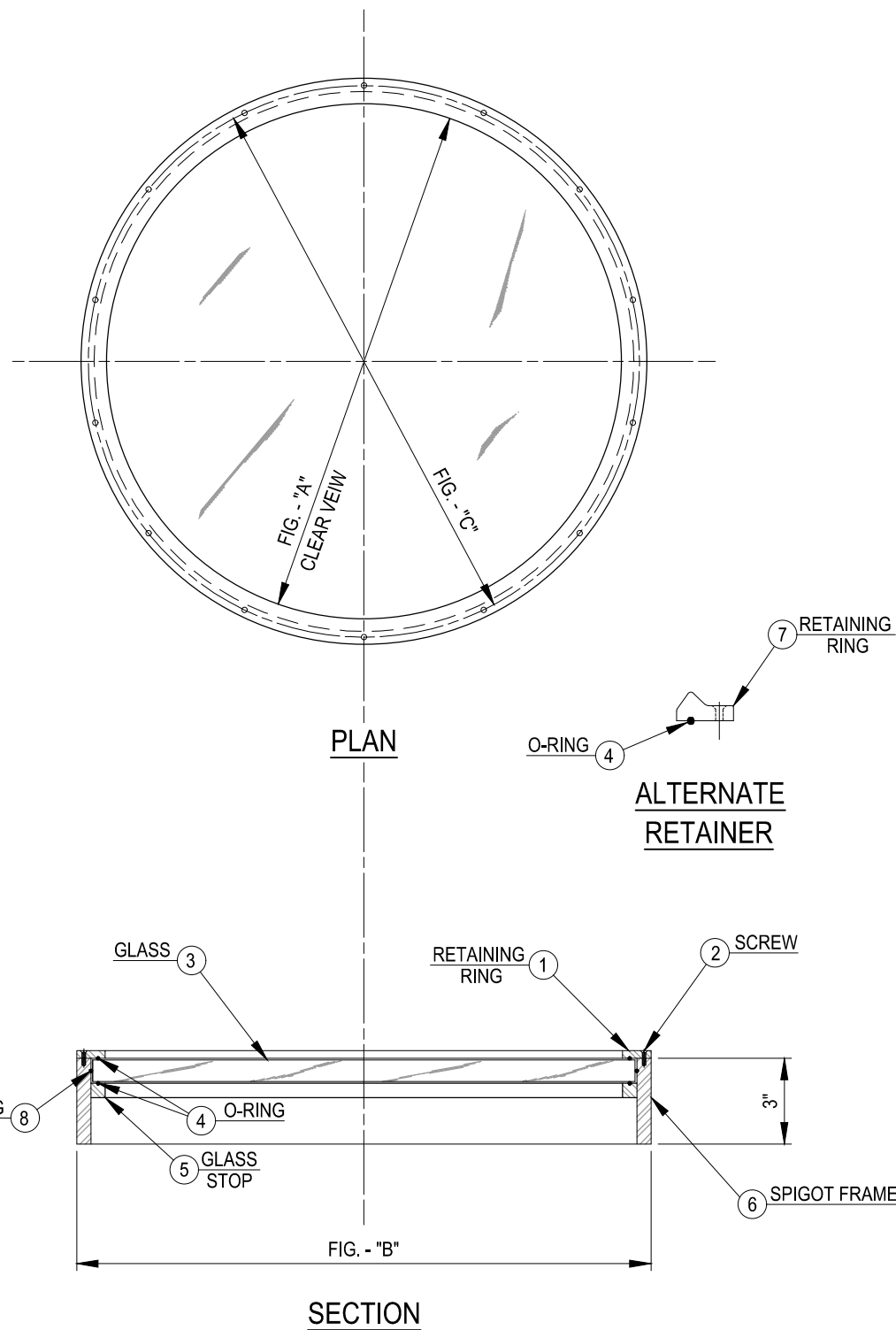
SIZE:		8	10	12	14	16	18
DIMENSIONS:	A	11 1/2	14 1/4	16	18	20 3/8	22 3/4
	B	9 1/4	11 1/4	13 7/16	15 5/8	17 5/16	19 1/2
	C	9 1/8	11 1/8	13 1/8	15 3/16	17 1/8	19 5/16
	D	8	10	12	14	16	18
	E	8 3/8	10 3/8	12 3/8	14 3/8	16 1/2	18 1/2
	F	25/64	33/64	33/64	33/64	33/64	33/64
	G	3/8	1/2	1/2	9/16	9/16	9/16
	H	8 5/8	10 5/8	12 5/8	14 5/8	16 5/8	18 5/8
	I	10 1/2	12 3/4	14 3/4	16 3/4	18 7/8	21 1/8
# OF HOLES:		9	12	12	12	12	12

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

BRASS PORTLIGHT - BOLT ON

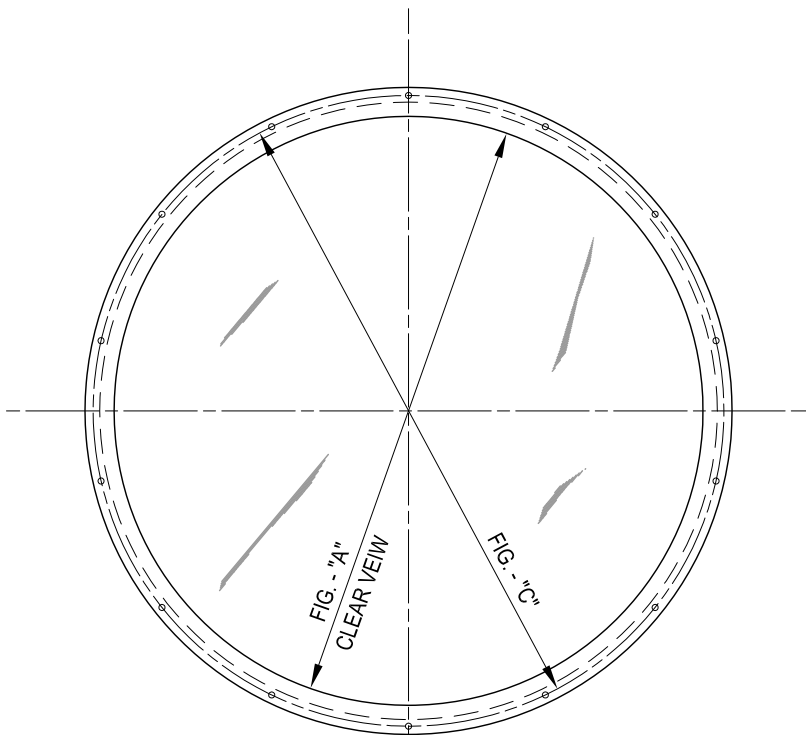
DWG. NO.: 800-B



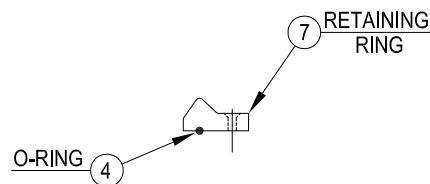
DIMENSION SCHEDULE						
DIMS:	SIZE:	10	12	14	16	18
	A	10	12	14	16	18
	B	12	14	16	18	20
	C	11 7/16	13 7/16	15 7/16	17 7/16	19 7/16
# OF HOLES:		12	12	12	12	16

SCHEDULE OF MATERIALS		
PC.	MATERIAL	REMARKS
1	ALUMINUM	
2	STAINLESS	10-32x3/4" LONG
3	GLASS	3/4" THK.
4	NEOPRENE	3/16" Ø
5	ALUMINUM	
6	ALUMINUM	1/2" x 3"
7	ALUMINUM	
8	NEOPRENE	1/4" Ø

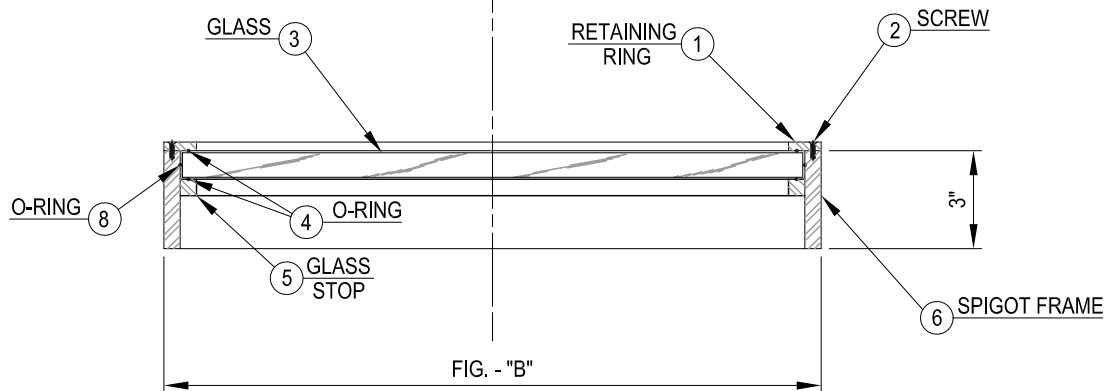
CEN-TEX MARINE FABRICATORS, INC.
 SMITHVILLE, TEXAS
 STEEL WELD IN - FIXED LIGHT w/o COVER
 DWG. NO.: 111588-A



PLAN



ALTERNATE
RETAINER



SECTION

DIMENSION SCHEDULE

SIZE:		10	12	14	16	18
DIMS:	A	10	12	14	16	18
	B	12	14	16	18	20
	C	11 7/16	13 7/16	15 7/16	17 7/16	19 7/16
# OF HOLES:		12	12	12	12	16

SCHEDULE OF MATERIALS

PC.	MATERIAL	REMARKS
1	MILD STEEL	
2	STAINLESS	10-32x3/4" LONG
3	GLASS	3/4" THK.
4	NEOPRENE	3/16" Ø
5	MILD STEEL	
6	MILD STEEL	1/2" x 3"
7	BRASS	
8	NEOPRENE	1/4" Ø

CEN-TEX MARINE FABRICATORS, INC.

SMITHVILLE, TEXAS

STEEL WELD IN - FIXED LIGHT w/o COVER

DWG. NO.: 111588-S