GENERAL NOTES (continued)

16. THE USE OF STEEL LADDERS IN ACCORDANCE WITH THIS DWG AND SPE NAVS STANDARDS SHALL BE LIMITED TO MACHINERY SPACES AND TRANSOM LADDERS THROUGH HATCHES SPECIFICALLY CALLED FOR BY DETAIL. THE DESCRIPTION FOR OTHER LOCATIONS, TYPE OF TOPMAST, WILL BE GIVEN UNLESS OTHERWISE SPECIFIED IN DL 3SS.

17. ALUMINUM TREADS SHALL NOT BE USED ON STEEL STRINGERS ABOVE WEATHER DECKS.

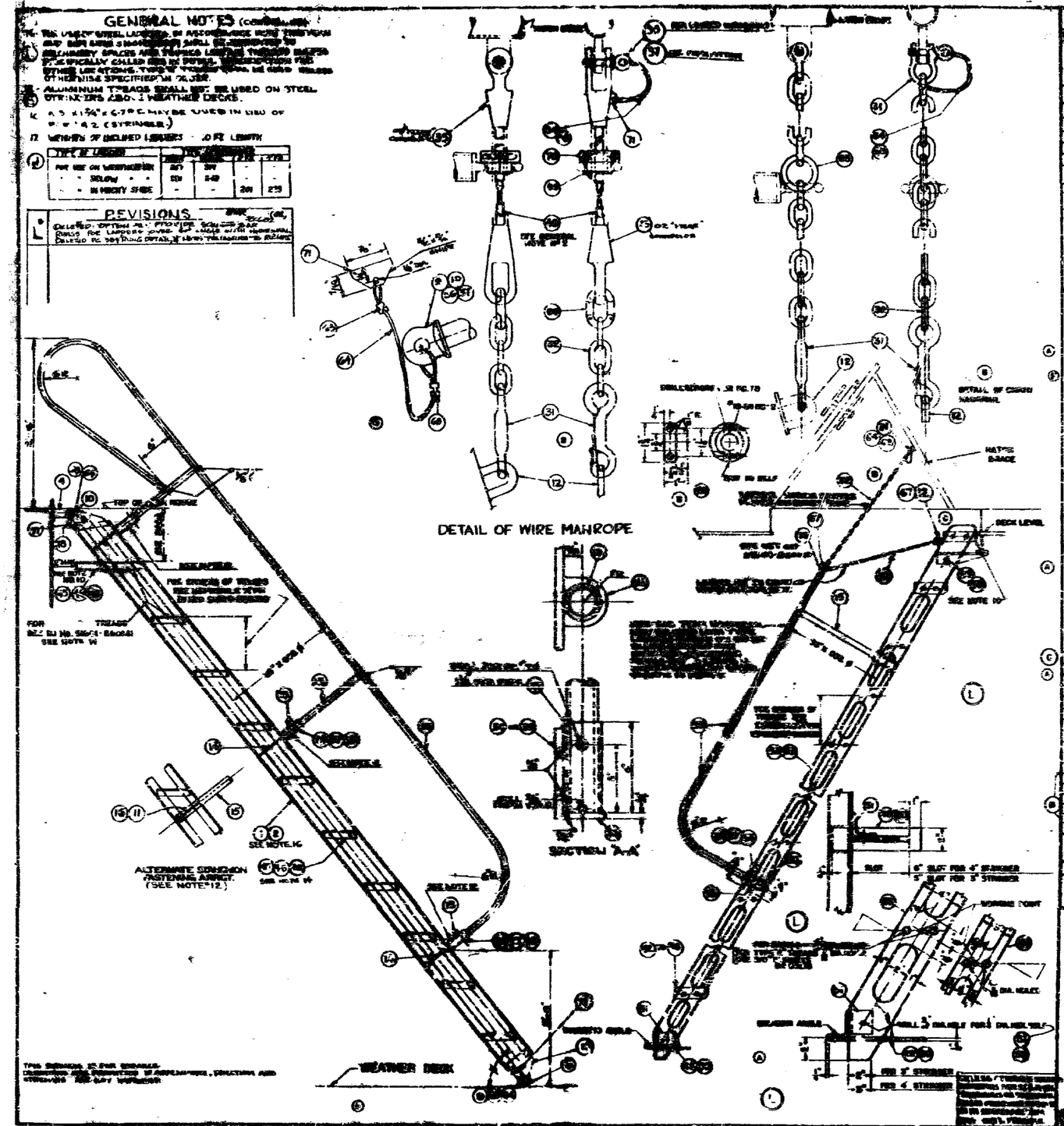
18. A 5 x 1¾" x C-7 P.C. MAYBE USED IN LIEU OF 6" x 4.2 (STRINGER.)

19. WEIGHTS OF INCLINED LADDERS - 10 FT. LENGTH

TYPE OF LADDER	WEIGHT			
FOR USE ON WEATHERDECK	267	304	-	-
" " BELOW " "	224	2-49	-	-
" " IN MACHY SPACE	-	-	201	279

REVISIONS

L	DELETED BOTTOM RAIL PROVIDE SQUARE BAR RAILS FOR LADDER OVER 12' RISE WITH HORIZONTAL DELETED DL 3SS TUBING DETAIL, & NEW TRANSOM RAILING	



REVISIONS

A	ADDED "TYPE LADDER" TO IN MACHINERY SPACES ADDED "SCHEDULE OF MATERIAL" CHANGED NOTE 5. CHANGED TITLE FROM "TOP OF LADDER HOVER TO MAIN DECK" TO "TOP OF HOVER TO CHANGE DECK." ADDED "TYPE IN MACHY SPACE" & "PIPE 5" TO TOP END OF RAILS TOPS AND ADDED NOTE 16.	
B	[illegible]	
C	[illegible]	
D	ADDED LETTER "I"	
E	[illegible]	
F	[illegible]	
G	REV. 3/4, TOE PLATE ADDED (GEN. NOTE 15 MOD.	
H	[illegible]	
J	ADDED NOTE NO. 17 [illegible]	
K	[illegible]	

GENERAL NOTES

1. PIPE RAILS SHALL BE FITTED GENERALLY ON ALL INCLINED LADDERS TO AND ON WEATHER DECKS, EXCEPT FOR HATCHES FITTED WITH WATER TIGHT COVERS.
2. MANROPE PLASTIC COVERS (PAL-M-21431) SHALL ALWAYS BE PROVIDED ON LADDERS TO AND IN OFFICER'S QUARTERS. PIPE RAILS OR CAT NO. SHALL BE FITTED ELSEWHERE.
3. PIPE RAILS TO BE GALVANIZED EXCEPT FOR LADDERS IN MACHINERY SPACES.
4. WHERE DIRECTED BY THE SUPERVISOR OF SHIPBUILDING, PIPE RAILS SHALL BE PROVIDED IN LIEU OF CHAINS TO PROVIDE GREATER SAFETY ON STEEP LADDERS IN STORERooms, ETC.
5. FOR INSTRUCTIONS FOR MAKING UP WIRE ROPE INTO SOCKETS SEE BUREAU DWG. S1601-860293.
6. ALL STEEL FITTINGS TO BE GALVANIZED, AND ALL OTHER STEEL PARTS GALVANIZED AFTER WELDING EXCEPT THOSE USED IN MACHINERY SPACES.
7. WITHIN THE NON-MAGNETIC AREA REQUIRED FOR MAGNETIC COMPASSES LADDERS SHALL BE BUILT OF ALUMINUM IN ACCORDANCE WITH BU PLAN NO. 805-1749002.
8. HOLES FOR BOLTING TREADS TO STRINGERS SHALL BE DRILLED SO THAT TREADS WILL PROPERLY LINE UP WHEN THEY ARE REVERSED.
9. METAL SCREENS SHALL BE FITTED TO THE UNDER SIDE OF LADDERS IN LOCATIONS AS REQUIRED BY DETAIL SPECIFICATIONS OR BY SPECIFIC APPROVAL.
10. MINIMUM CLEARANCE BETWEEN SIDE OF BULKHEAD OR HOUSE AND HANDRAIL TO BE 2 INCHES.
11. DISTANCE FROM SIDE OF TOP TREAD TO BULKHEAD SHALL NOT EXCEED 2 INCHES. WIDTH OF TOP TREAD TO BE INCREASED TO SUIT.
12. FOR STANDARD SPACING OF TREADS SEE BU. NO. S1604-860039.
13. HANDRAIL STANCHION MAY BE ATTACHED TO LADDER STRINGER BY EITHER THE SOCKET ARRANGEMENT (SECT. E-E) OR BY MEANS OF TIE WEB AND GUSSET CONNECTION (ALT SECT. D-D) ON BU. NO. S1604-860039.
14. THE HEIGHT OF THE TOP OF THE BOTTOM TREAD ABOVE THE DECK SHALL EQUAL THE SPACING BETWEEN OTHER TREADS.
15. (SEE ADDITIONAL GEN. NOTES ON THIS DWG.)

FOR ALTERNATIVE ALUMINUM ASSEMBLIES, DETAILS & TREADS SEE BU. NO. S1604-860039 & S1604-860041

SCHEDULE OF MATERIAL

NO.	NAME	NO.	MATERIAL	SPEC	REMARKS
56	[illegible]	[illegible]	[illegible]	COMM'L	[illegible] ST. GALV
57	[illegible]	2	ST. GALV.	COMM'L	[illegible]
58	[illegible]	2	"	"	3/8" - BINKS
59	[illegible] LUG PLATE	2	STL. STOCK [illegible]	"	[illegible] BL. GALV
60	[illegible] LUG PLATE	2	"	"	"
61	LUG PLATE	2	"	"	"
62	SUPPORT CAP	2	"	"	[illegible]
63	[illegible]	[illegible]	[illegible]	"	[illegible] WIRE ROPE
65	[illegible]	[illegible]	[illegible]	"	[illegible]
66	[illegible]	4	STL. GALV.	"	[illegible]
68	[illegible]	2	"	"	[illegible]
67	"	2	"	"	[illegible]
[illegible]					
[illegible]	[illegible]	2	STL. GALV.	[illegible]	
70	[illegible]	4	ST. GALV.	"	10-24 NC-2
[illegible]	[illegible]	[illegible]	[illegible]	"	[illegible]

THIS DWG. SUPERSEDES BUR. DWG. 1351110326, [illegible]

WORK SUPPORTED

DRAWN BY: [illegible] CHECKED BY: [illegible] HEAD [illegible]

IN CHARGE OF WORK [illegible] DATE [illegible]

HULL TYPE DRAWING

INCLINED LADDERS

STEEL

ASSEMBLIES & DETAILS

SCALE 1/4", 3/8", 3/4" = 1 FOOT

NAVY DEPARTMENT

BUREAU OF SHIPS

WASHINGTON, D.C. SEPT. 16, 1948

BU. NO. S1604-860040 REV. 'L'

3 2 1