

AE 24

DECLASSIFIED

05 JUNE 98

C. A. Bacon

INDIVIDUAL ITEMS CONTAINED HEREIN ARE FOR OFFICIAL USE ONLY AND MAY BE EXTRACTED ON A CASE BY CASE BASIS. HOWEVER, UNDER THE PROVISIONS OF PARAGRAPH 6.6(A) OPNAV INSTRUCTION 5510.16, THE COMPILATION IS CLASSIFIED CONFIDENTIAL BY OPNAV INSTRUCTION 5513.38 ENCLOSURE 171003A-17. DECLASSIFY BY OADR.

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| CORRECTED TO SUIT SHIP | | | | |
|------------------------|--|----------------|----------------------------------|---------|
| REV. | PLACE | DATE | BY | APP'D |
| | SAN FRANCISCO NAVAL SHIPYARD | AUGUST 1963 | H. HORNBEIN CONS. ENGRS. | |
| | LOCKHEED SHIPBLOG & CONSTRUCTION CO. SEATTLE | OCTOBER 1968 | GENERALNICK ASSOCI. INC. | J. GRAY |
| PP1 | MARE ISLAND NAVAL SHIPYARD | OCTOBER 1971 | R.C.C. CODE 250.21 | |
| | HUNTERS POINT U.S. | APRIL 4, 1973 | CODE 250.21 | |
| PP2 | TRIPLE A MACH SHOP | MAY 1974 | M. ROSENBLATT & SON INC. | |
| PP3 | TODD SHIPYARD | MAY 1977 | M. ROSENBLATT & SON INC. SUPSHIP | |
| PP4 | SOUTH WEST MARINE | FEB 23, 1982 | M. ROSENBLATT & SON INC. | |
| PP5 | SUP SHIP SAN FRANCISCO | APRIL 15, 1986 | ADVANCED MARINE ENT. | |
| PP6 | SUPSHIP SAN FRANCISCO | DEC 31, 1987 | PILLSBURY MARTIGNONI | |

BOOKLET OF GENERAL PLANS

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COMNAVSEA SYSCOM
LTR _____
SER _____
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DISTRIBUTION STATEMENT A:
APPROVED FOR PUBLIC RELEASE
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NAVSEAINST 5510.1H

| COMPARTMENT | LOCATION | GALLONS | | TONS NSFO* | TONS ND** | TONS SW |
|-------------|------------|---------|-------|------------------|-----------------------|--------------------|
| | | 95% | FULL | 284 GAL-38 CU FT | 316.35 GAL-42.3 CU FT | 261.8 GAL-35 CU FT |
| 6-14-0-F | FR 14-40 | 19336 | 20354 | 6808 | 61.12 | 77.75 |
| 6-40-0-F | FR 40-46 | 32497 | 34200 | 114.43 | 102.72 | 130.63 |
| 6-46-1-F | FR 46-56 | 11242 | 11834 | 39.58 | 35.54 | 45.20 |
| 6-46-2-F | FR 46-56 | 11242 | 11834 | 39.58 | 35.54 | 45.20 |
| 6-56-0-F | FR 56-72 | 28830 | 30348 | 101.51 | 91.13 | 115.92 |
| 6-56-1-F | FR 56-72 | 9388 | 9882 | 33.06 | 29.68 | 37.75 |
| 6-56-2-F | FR 56-72 | 9388 | 9882 | 33.06 | 29.68 | 37.75 |
| 6-72-0-F | FR 72-88 | 27942 | 29413 | 98.39 | 88.33 | 112.35 |
| 6-72-2-F | FR 72-88 | 16878 | 17766 | 59.43 | 53.35 | 67.86 |
| 6-72-3-F | FR 72-88 | 16878 | 17766 | 59.43 | 53.35 | 67.86 |
| 6-88-3-F | FR 88-103 | 25513 | 27077 | 90.91 | 81.61 | 103.81 |
| 6-88-4-F | FR 88-103 | 25513 | 27077 | 90.91 | 81.61 | 103.81 |
| 6-92-0-F | FR 92-108 | 27468 | 28914 | 96.72 | 86.83 | 104.92 |
| 6-108-1-F | FR 108-121 | 14433 | 15193 | 50.82 | 45.62 | 58.03 |
| 6-108-2-F | FR 108-121 | 15187 | 15966 | 53.48 | 48.01 | 61.06 |
| 6-130-1-F | FR 130-154 | 34147 | 35944 | 120.24 | 107.94 | 137.30 |
| 6-130-2-F | FR 130-154 | 34147 | 35944 | 120.24 | 107.94 | 137.30 |
| 6-154-0-F | FR 154-162 | 58146 | 61206 | 204.74 | 183.80 | 233.76 |
| 6-162-0-F | FR 162-175 | 54456 | 57322 | 191.75 | 172.14 | 218.95 |

| TANK | COMPARTMENT | LOCATION | GALLONS | | * NAVY SPECIAL |
|-------------------|-------------|------------|---------|--------|----------------|
| | | | 95% | FULL | |
| FRESH WATER | 6-121-0-W | FR 121-130 | 18,492 | 19,412 | FUEL OIL |
| FRESH WATER | 6-121-1-F | FR 121-130 | 8,762 | 9,246 | ** NAVY |
| FRESH WATER | 6-121-2-F | FR 121-130 | 8,762 | 9,246 | DISTILLATE |
| LUBE OIL STORAGE | 5-127-1-F | FR 127-130 | 1,630 | 1,713 | |
| LUBE OIL SET. | 5-127-3-F | FR 127-130 | 1,663 | 1,750 | |
| JP 5 FUEL STORAGE | 6-108-0-U | FR 108-116 | 18,190 | 19,120 | |
| JP 5 FUEL SERVICE | 4-125-4-J | FR 125-130 | 3,220 | 3,389 | |
| HYDRAULIC OIL | 6-175-0-F | FR 175-178 | 6,905 | 7,256 | |
| FUEL OIL SET. | 5-126-1-F | FR 126-130 | 16,790 | 17,647 | |
| FUEL OIL SET. | 5-126-2-F | FR 126-130 | 13,320 | 14,011 | |
| FUEL OIL SET. | 5-125-2-F | FR 125-130 | 3,404 | 3,583 | |

| LIST OF FIREPLUGS | | | |
|-----------------------|---------|----------------------|-----|
| DECK | FR | SIZE OF HOSE OR PIPE | P/S |
| SHAFT ALLEY | 179-180 | 1 1/2" | S |
| 1 ST PLATF | 107-108 | 1 1/2" | S |
| 1 ST PLATF | 115-116 | 2 1/2" | P |
| 1 ST PLATF | 115-116 | 2 1/2" | S |
| 2 ND DECK | 105-106 | 2 1/2" | S |
| 2 ND DECK | 115 | 2 1/2" | P |
| 2 ND DECK | 114-115 | 2 1/2" | S |
| 2 ND DECK | 178-179 | 2 1/2" | S |
| MAIN DK | 21-22 | 2 1/2" | S |
| MAIN DK | 27-28 | 2 1/2" | S |
| MAIN DK | 70-71 | 2 1/2" | P |
| MAIN DK | 70-71 | 2 1/2" | S |
| MAIN DK | 99-100 | 2 1/2" | P |
| MAIN DK | 99-100 | 2 1/2" | S |
| MAIN DK | 107-108 | 2 1/2" | S |
| MAIN DK | 128-129 | 2 1/2" | S |
| MAIN DK | 139-140 | 2 1/2" | P |
| MAIN DK | 139-140 | 2 1/2" | S |
| MAIN DK | 178-179 | 2 1/2" | P |
| MAIN DK | 178-179 | 2 1/2" | S |
| O1-LEVEL | 18-19 | 2 1/2" | S |
| O1-LEVEL | 108-109 | 2 1/2" | E |
| O1-LEVEL | 135-136 | 2 1/2" | P |
| O2-LEVEL | 115-116 | 2 1/2" | S |
| O2-LEVEL | 115-116 | 2 1/2" | P |
| O2-LEVEL | 118-119 | 2 1/2" | P |
| O2-LEVEL | 119-120 | 2 1/2" | P |
| O3-LEVEL | 111-112 | 2 1/2" | S |
| O3-LEVEL | 127-128 | 2 1/2" | S |

| TANK | COMPARTMENT | LOCATION | GALLONS | |
|-----------------|-------------|----------|---------|-------|
| | | | 95% | FULL |
| OILY WASTE HLDG | 6-88-1-F | FR 88-92 | 4,082 | 4,297 |
| WASTE OIL | 6-88-2-F | FR 88-92 | 4,082 | 4,297 |

MAST HEIGHTS ABOVE WATERLINE IN MINIMUM OPERATING CONDITION

| | |
|--|--------------------|
| TOP OF KINGPOST #1 & 2 | 99'-0" ABV BL |
| FORE TOP MAST | 125'-6" ABV BL |
| TOP OF KINGPOST #5 & 6 | 98'-0 7/8" ABV BL |
| MAIN TOP MAST | 125'-6" ABV BL |
| RADAR MAST | 89'-5" ABV LWL |
| TOP OF KINGPOST # 3 & 4 | 93'-4 3/8" ABV BL |
| AN/SPS-10 F ANT ASSY (AS 936 A/SPS-10 B ANT) | 97'-2 7/8" ABV LWL |
| HIGHEST POINT OF SHIP ABOVE BASELINE | 151'-2" |

SMALL BOATS & FLOATS

- 1 26'-0" M.W. BOAT PLASTIC MARK VI
- 1 26'-6" PERSONNEL BOAT PLASTIC 16 MEN
- 2 33'-0" UTILITY BOATS MK III, 46 PERSONS 90
- 16 INFLATABLE MK 6 ENCAPSULATED LIFEBOAT-25 PERSON-400 MEN
- 1 14'-0" PUNT

CARGO BOOMS

| LOC AT FR | P/S | SERVICE | LENGTH | CAPACITY |
|-----------|---------|--------------------|--------|----------|
| 46 | P | CARGO AMM TRANSFER | 48'-9" | 10 TONS |
| 46 | S | | 48'-9" | |
| 72 | FWD P/S | | 48'-9" | |
| 72 | AFT P/S | | 53'-9" | |
| 154 | FWD P/S | | 47'-9" | |

NAVIGATION LIGHTS ABOVE WATERLINE IN MINIMUM OPERATING CONDITION (14'-4 3/8" FWD AND 23'-5 1/2" AFT)

| | | |
|--------------------------|------------------------------|--------------------|
| BLINKER | RADAR MAST SIGNAL YARD 7/8" | 89'-2" ABV LWL |
| AFT MASTHEAD LT | SPUD MAST RADAR PLATFORM | 147'-11" ABL |
| NANCY BEACON | TOP RAIL RADAR PLATFORM 7/8" | 93'-2" ABV LWL |
| SIDE | O3 LEVEL 1/2 FWD FR 103 7/8" | 67'-11" ABL |
| ANCHOR FWD | JACK STAFF | 68'-6 5/8" ABV LWL |
| ANCHOR AFT | ENSIGN STAFF | 38'-6 5/8" ABV LWL |
| FWD MASTHEAD LT | SPUD MAST 6" FWD FR 28 | 87'-8" ABL |
| AIRCRAFT WARNING | FORE TOP MAST 7/8" | 96'-2" ABV LWL |
| AIRCRAFT WARNING & SPEED | MAIN TOP MAST | 98'-1" ABV LWL |
| STEERING | SHIELD, DIR 315 FWD 28 | 8'-3" ABV O2LVL |
| STERN-WHITE | STERN | 21'-1 1/2" ABV LWL |
| STERN-BLUE | STERN | 19'-0" ABV LWL |
| WAKE | STERN | 20'-0" ABV LWL |
| HOMING BEACON | MAIN MAST | 97'-8" ABV LWL |
| TASK LIGHTS (BOTTOM) | RADAR MAST | 77'-4 5/8" |
| " " (MIDDLE) | " " | 83'-4 5/8" |
| " " (UPPER) | " " | 89'-4 5/8" |

ACCOMMODATIONS

| PERSONNEL | BED | BERTHS | LOCKERS | NO OF PEACOCKS STOWED | LAVATORIES | SHOWERS | W.C. | URINALS |
|--------------------|-----|---------------|---------|-----------------------|------------|---------|------|---------|
| CAPTAIN | 1 | 1 (SEA CABIN) | | | * 2 | * 2 | * 2 | |
| EXECUTIVE OFFICER | | | | | | | | |
| OTHER OFFICER | | 17 | | | 14 | 3 | 3 | 2 |
| CPO | | 21 | 21 | | 4 | 2 | 3 | 1 |
| CREW | | 309 | | 312 | 22 | 11 | 18 | 11 |
| HOSPITAL WARD BATH | | | | | 1 | 1 | 1 | |
| BARBER SHOP | | | | | 1 | | | |
| TOTAL | 1 | 349 | 21 | 312 | 45 | 21 | 28 | 15 |

* INCLUDES 1 IN SEA CABIN

GENERAL DIMENSIONS (APPROXIMATE)

| | |
|---|--------------------------------------|
| LENGTH BETWEEN PERPENDICULARS | 487'-0" |
| LENGTH OVER-ALL ON S | 512'-0 3/4" |
| BREADTH, EXTREME | 72'-3" |
| DRAFT, TRIAL DISPLACEMENT TO BOTTOM OF KEEL | 26'-8 1/2" (MEAN) |
| LIGHT LOAD LINE | 13'-10 1/2" AT FP & 23'-4 1/2" AT AP |
| DISTANCE BETWEEN FOREMAST & MAIN MAST | 270'-0" |

HEIGHTS OF BRIDGES ABOVE WATERLINE IN MINIMUM OPERATING CONDITION (12'-6" DRAFT DATUM LINE) SEE PLATE #3

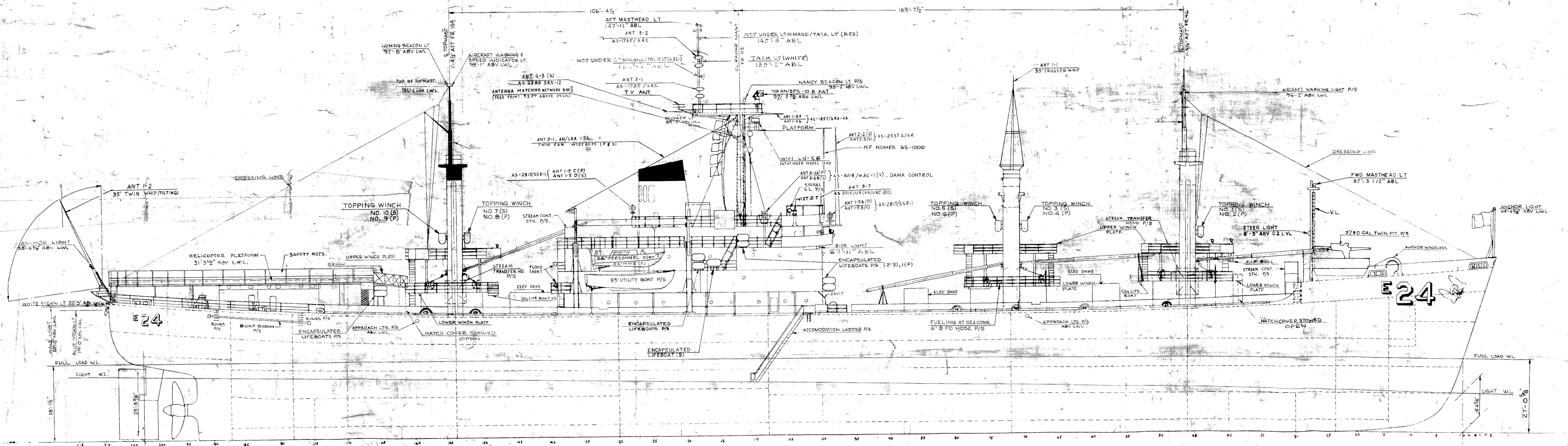
| | FWD | |
|----------------|---------|------------|
| O1 LEVEL | AT STEM | 47'-2" |
| O2 LEVEL | FR 20 | 52'-3" |
| DIRECTOR PLATF | FR 28 | 54'-9 1/2" |

| | MID-SHIP | |
|----------------|---------------|----------|
| O1 LEVEL | FR 100 | 39'-11" |
| O2 LEVEL | FR 100 | 47'-11" |
| O3 LEVEL | 12" AFT FR 98 | 55'-11" |
| O4 LEVEL | FR 100 | 63'-11" |
| RADAR PLATFORM | 6" FWD FR 109 | 105'-11" |

| | AFT | |
|-----------|----------|------------|
| O1 LEVEL | FR 171 | 42'-0" |
| MAIN DECK | AT STERN | 37'-4 5/8" |

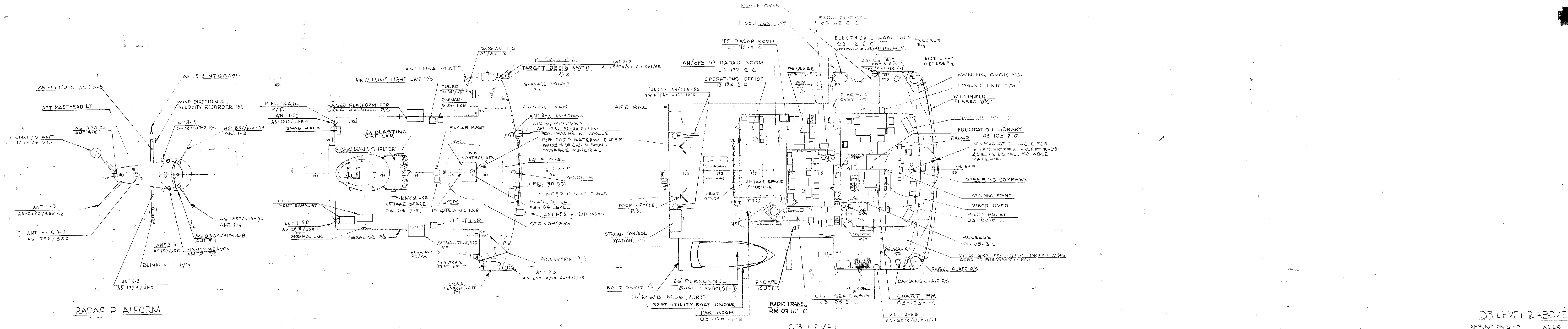
GENERAL DIMENSIONS & DATA

AMMUNITION SHIPS AE 24
BUREAU SHIPS NO AE 24-845 1062642



NOTE: DATUM LINE FOR LOAD WATER LINE (L.W.L.) DIMENSIONS IS 29FT ABOVE BASE LINE (B.L.)

OUTBOARD PROFILE
 AMMUNITION SHIP AE 24
 BUREAU SHIP NO AE 24-845-1062642
 SCALE = 1/16" = 1 FOOT



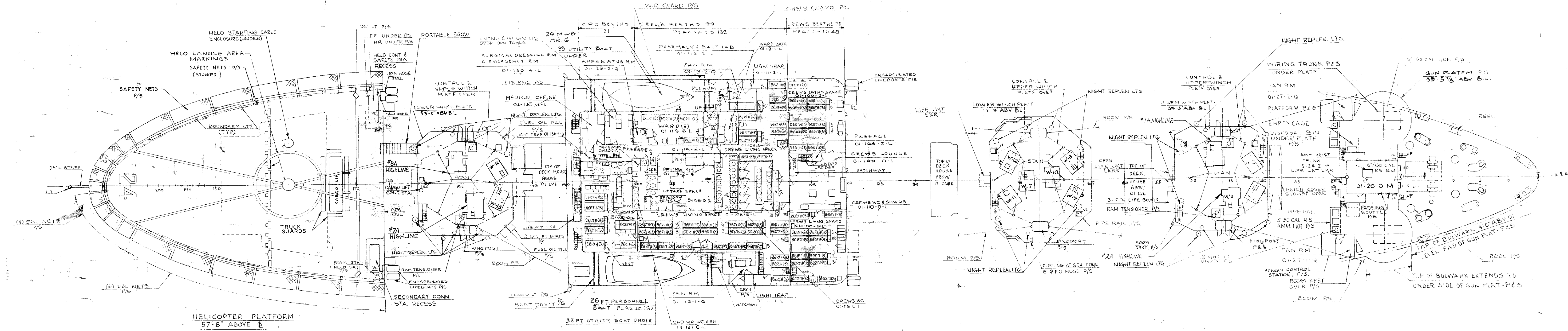
RADAR PLATFORM

04-LEVEL

03-LEVEL

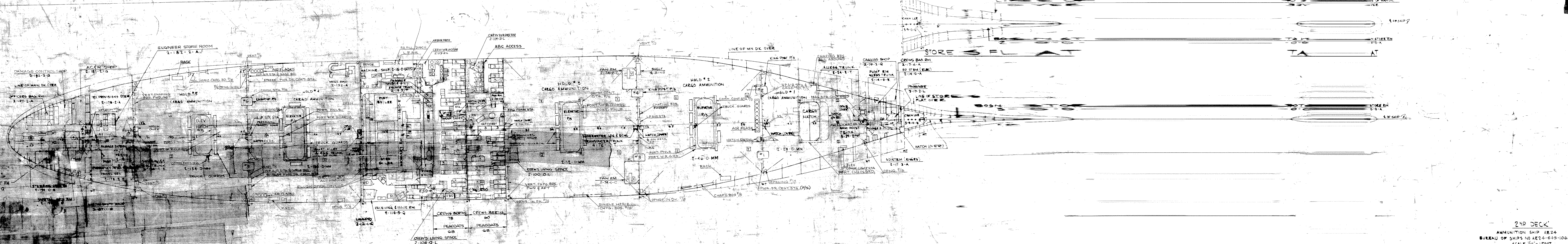
03 LEVEL & ABOVE

AMMUNITION SH-P AE24
 BUREAU SH-PS AE24-845-1062642
 SCALE 1/4"=1'00"

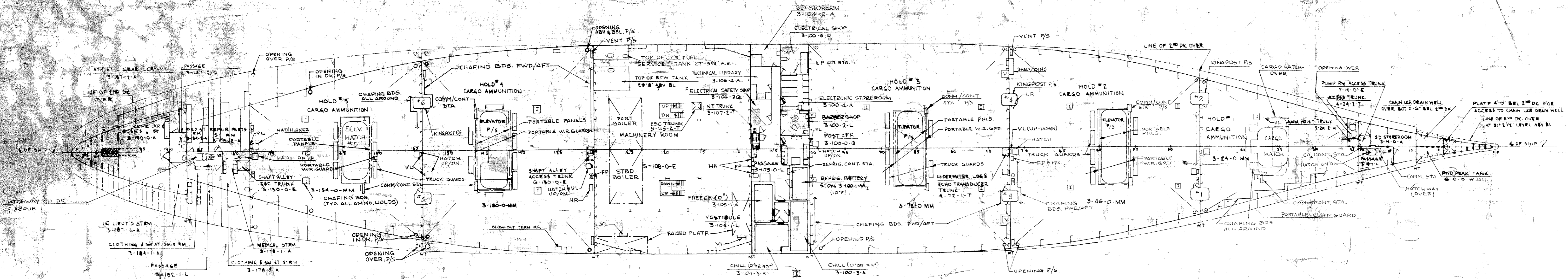


HELICOPTER PLATFORM
57'-8" ABOVE D.

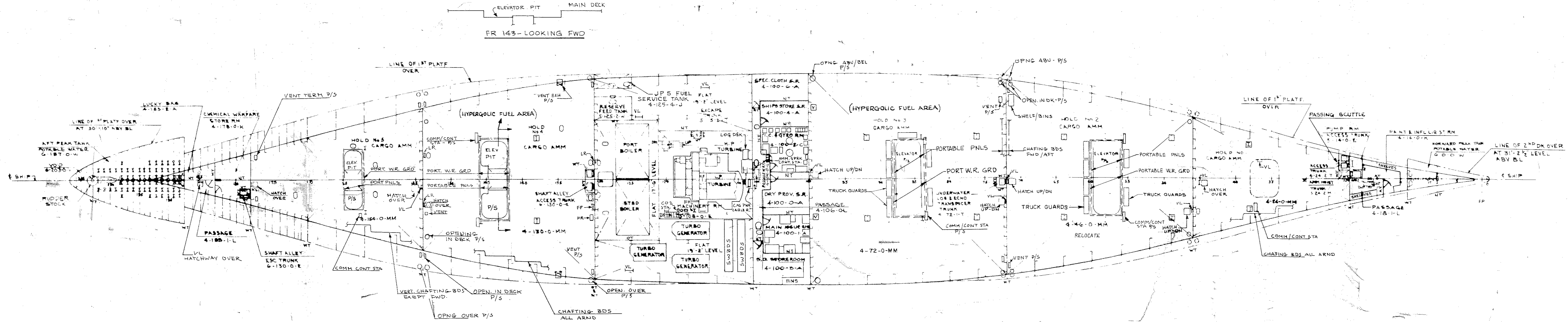
O1 LEVEL
 AMMUNITION SHIP AE 24
 BUREAU SHIPS NO AE 24-845-1062642
 SCALE 1/8" = 1 FOOT



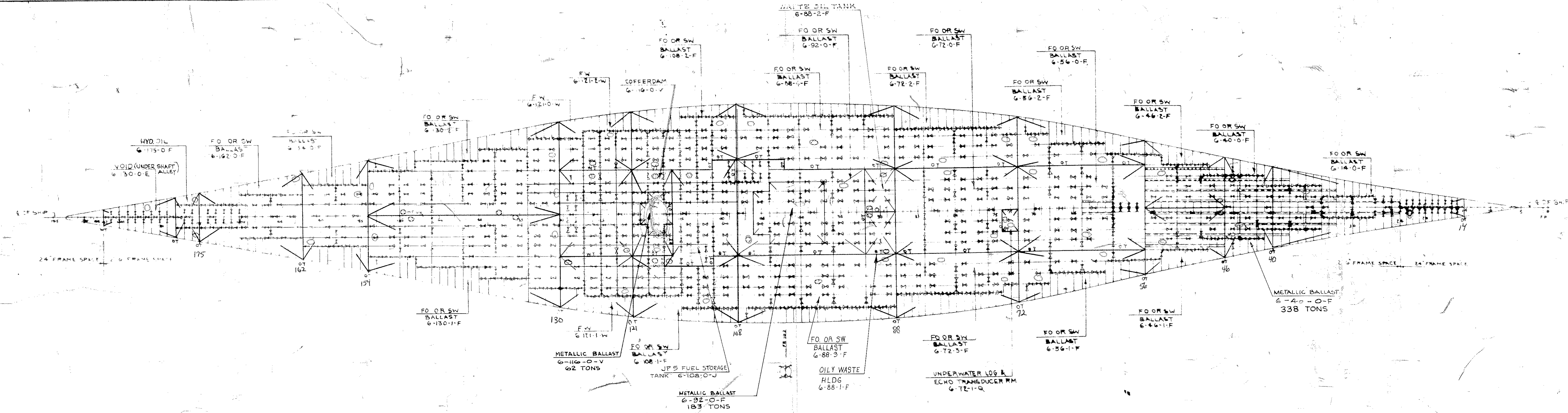
2ND DECK
 AMMUNITION SHIP AE 24
 BUREAU OF SHIPS NO AE 24-8-5-1082-#2
 SCALE 1/4" = 1' FOOT



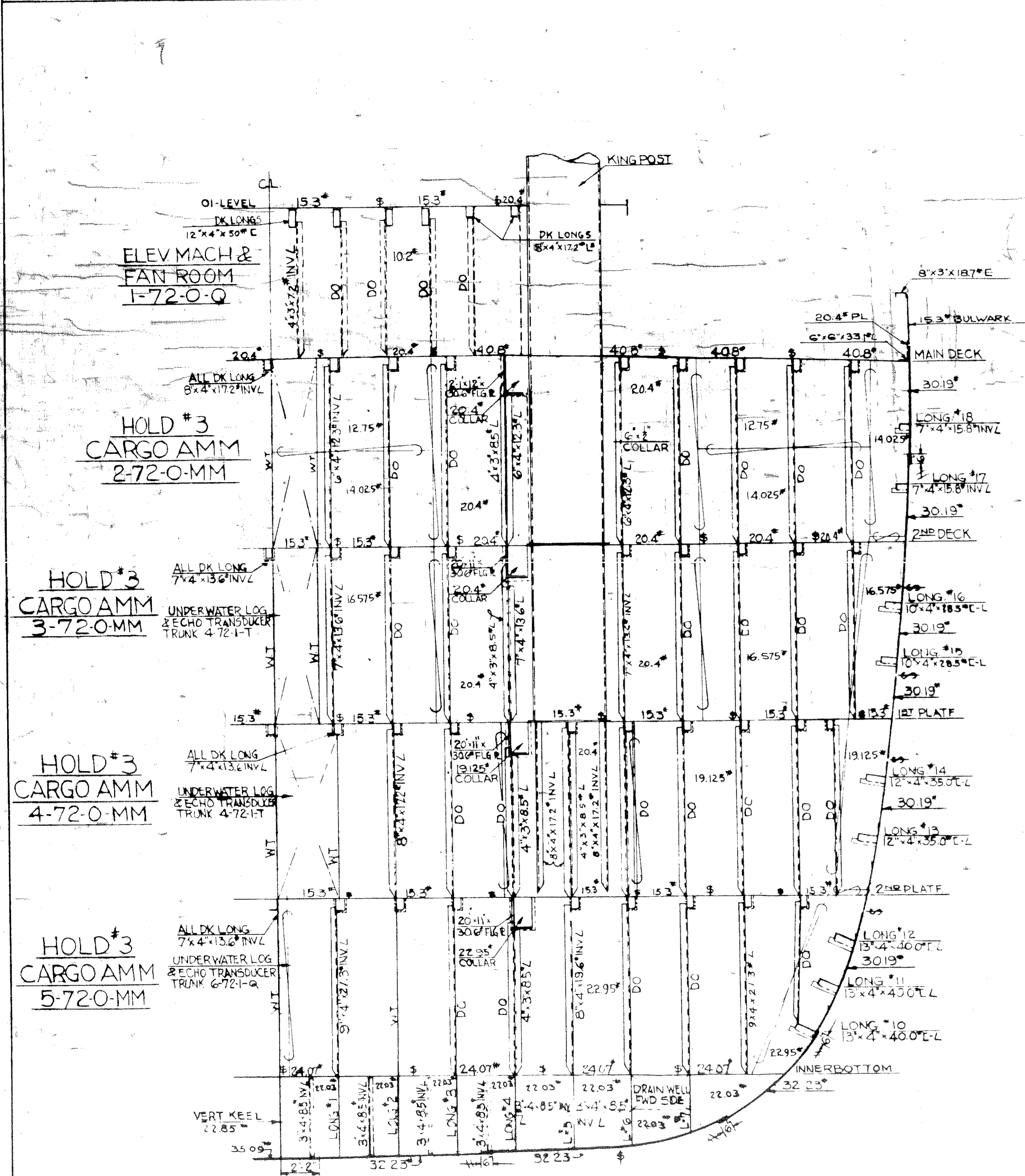
1ST PLATFORM
 AMMUNITION SHIP AE24
 BUREAU OF SHIPS NO AE24-845-1062642
 SCALE 1/16" = 1' FOOT



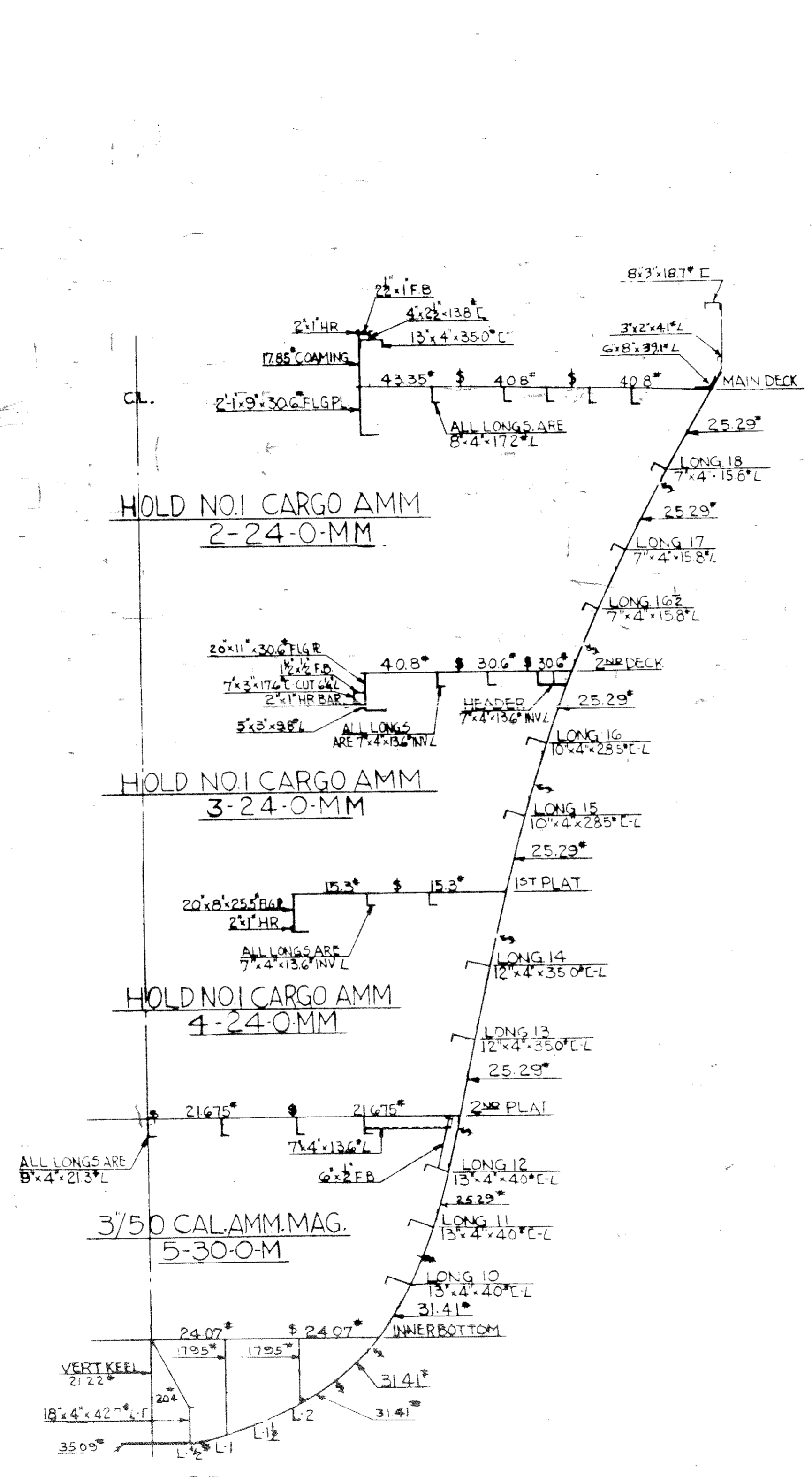
2ND PLATFORM
 AMMUNITION SHIPS - AE 24
 BUREAU SHIPS No AE24-845-1062642
 SCALE 1/16" = 1 FOOT



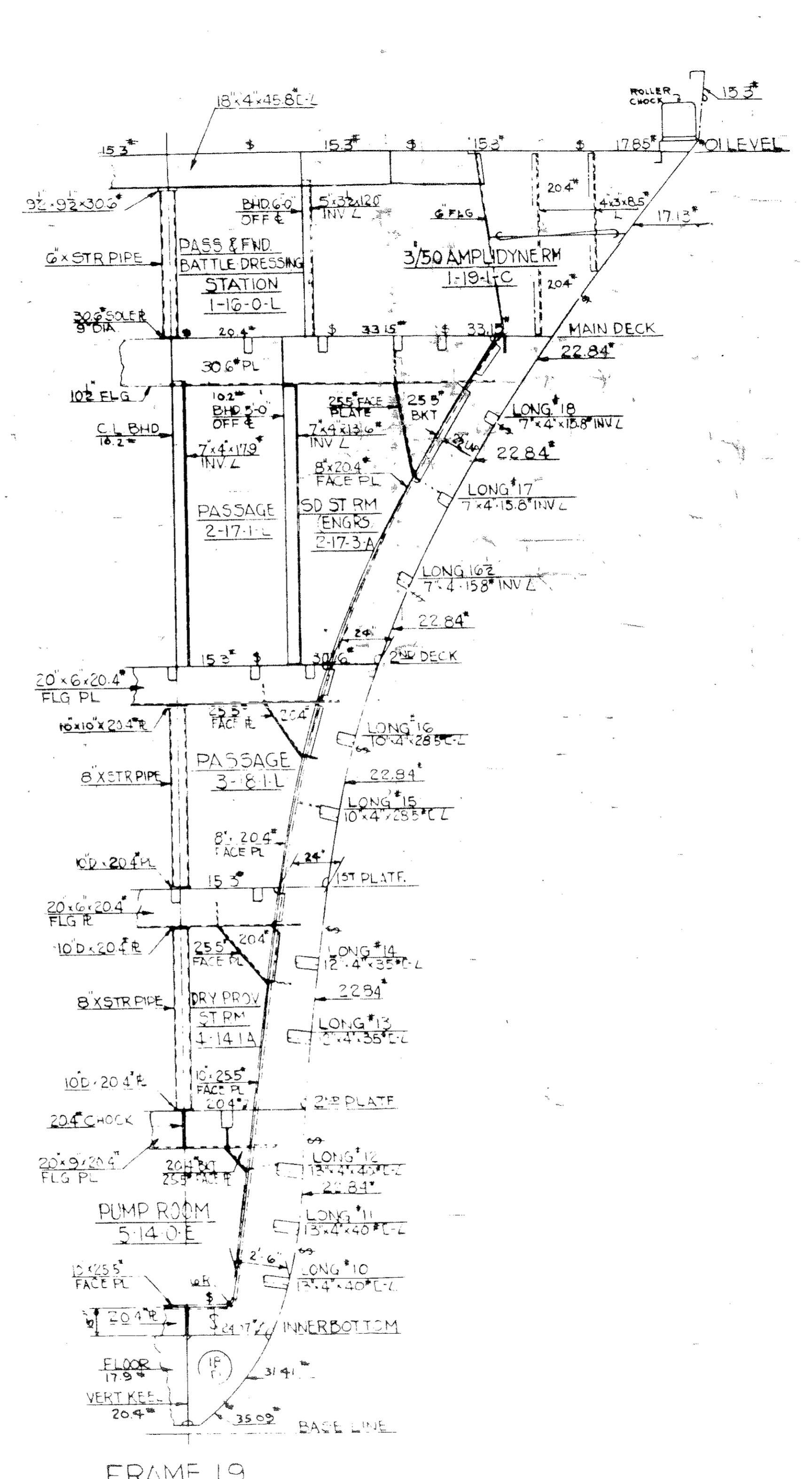
INNER BOTTOM
 AMMUNITION SHIPS AE 24
 BUREAU SHIPS No AE 24-845-1062642
 SCALE 1/8" = 1 FOOT



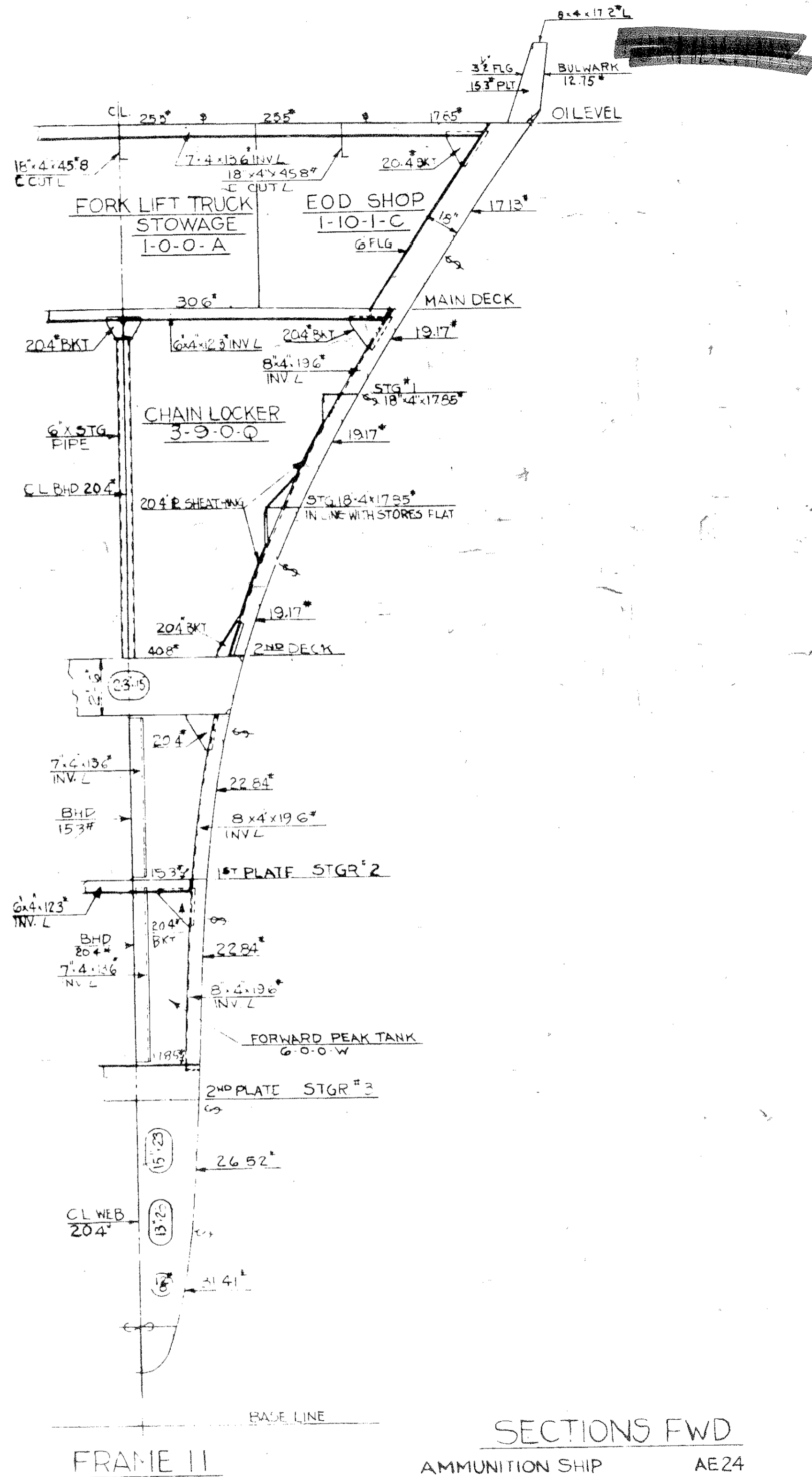
FRAME 72
SECTION LKG FWD



FRAME 35
SECTION LKG FWD

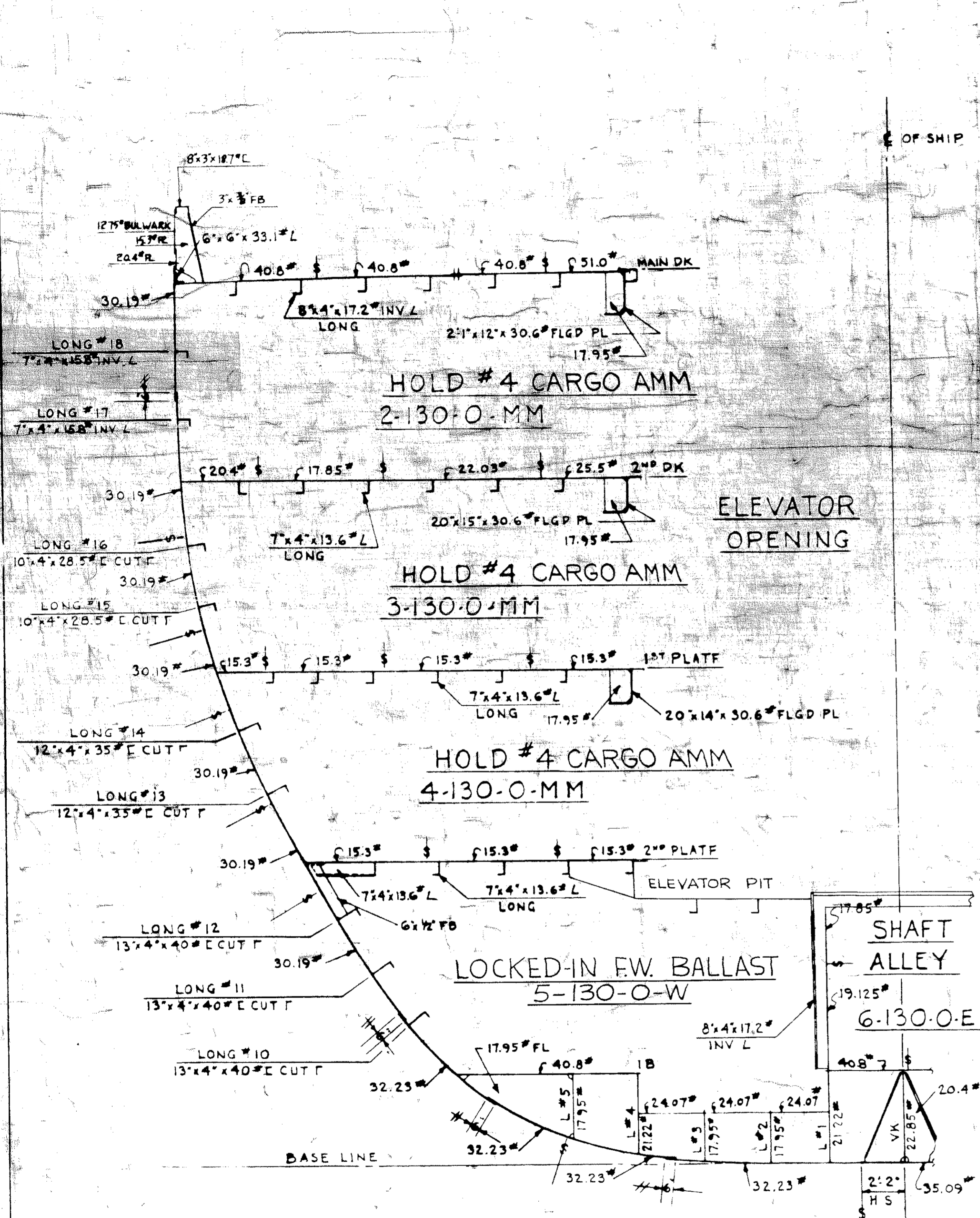


FRAME 19
SECTION LKG FWD

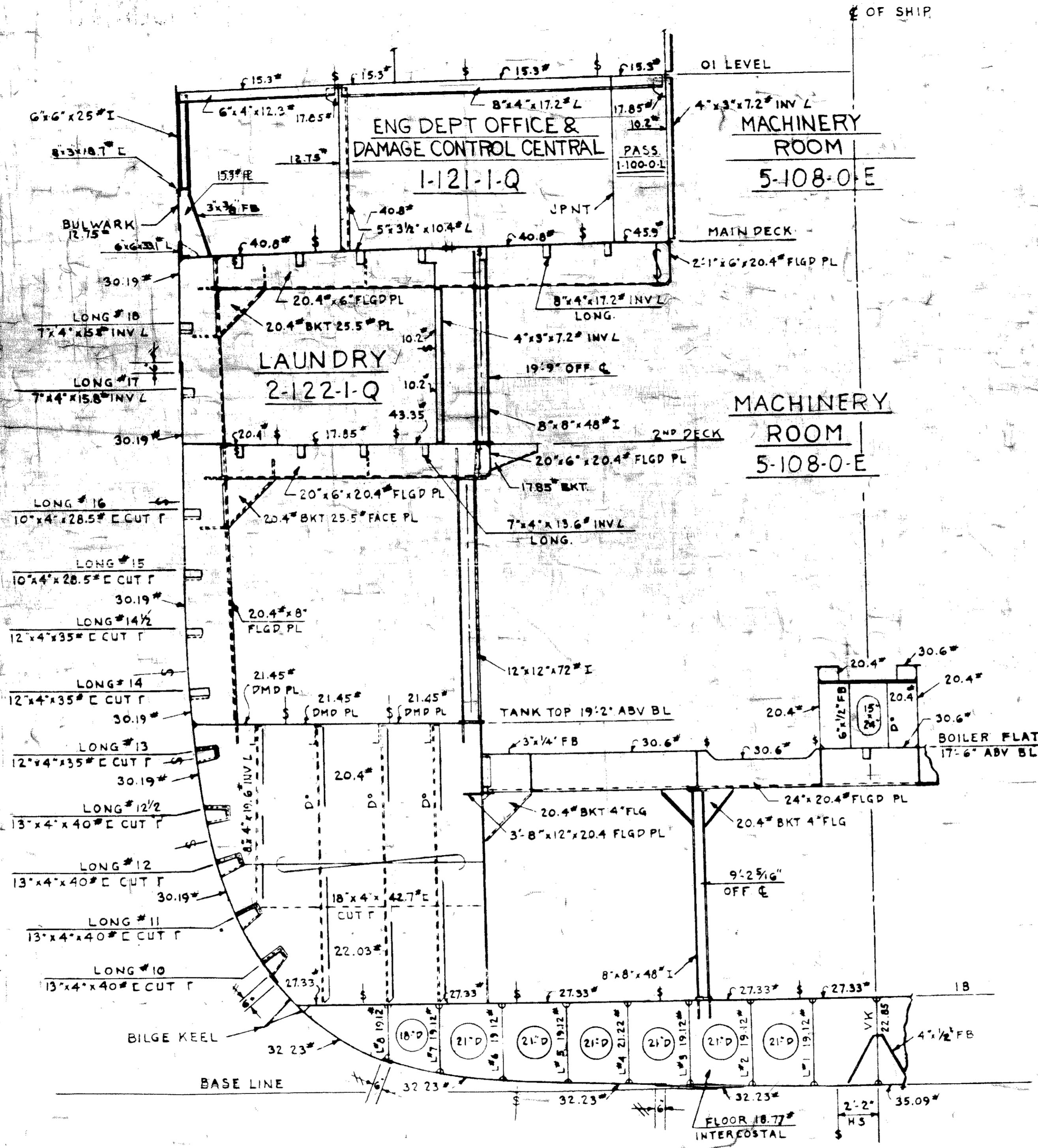


FRAME 11
SECTION LKG FWD

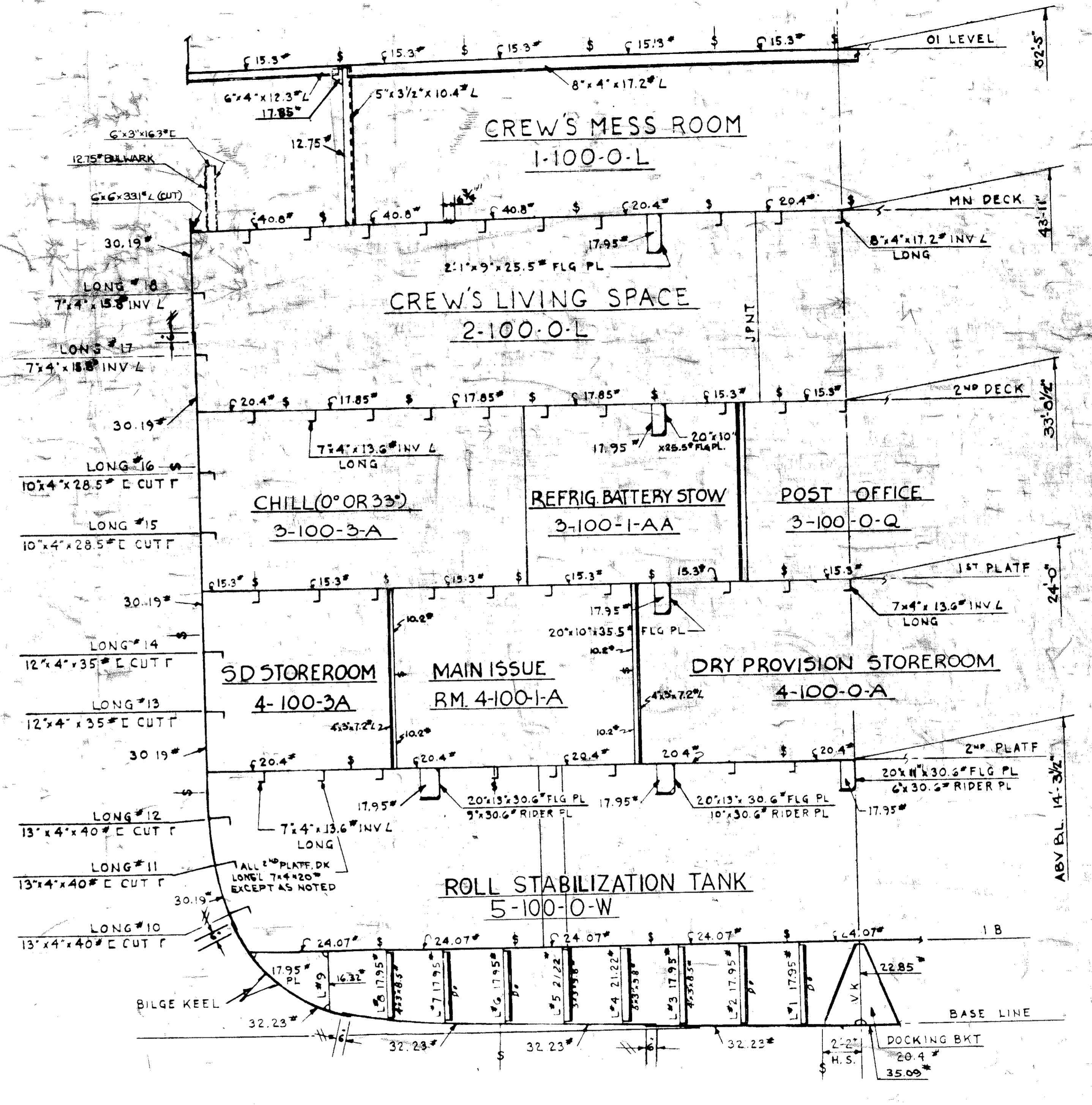
SECTIONS FWD
AMMUNITION SHIP AE 24
BUREAU OF SHIPS NO. AE 24-845-1062642
SCALE: 1/4" = 1 FOOT



FRAME 144 STBD
SECT LOOKING AFT



FRAME 125 STBD
SECT LOOKING AFT



FRAME 102 STBD
SECT LOOKING AFT