

LLOYD'S REGISTER OF SHIPPING

Index No. (For London Office only.)

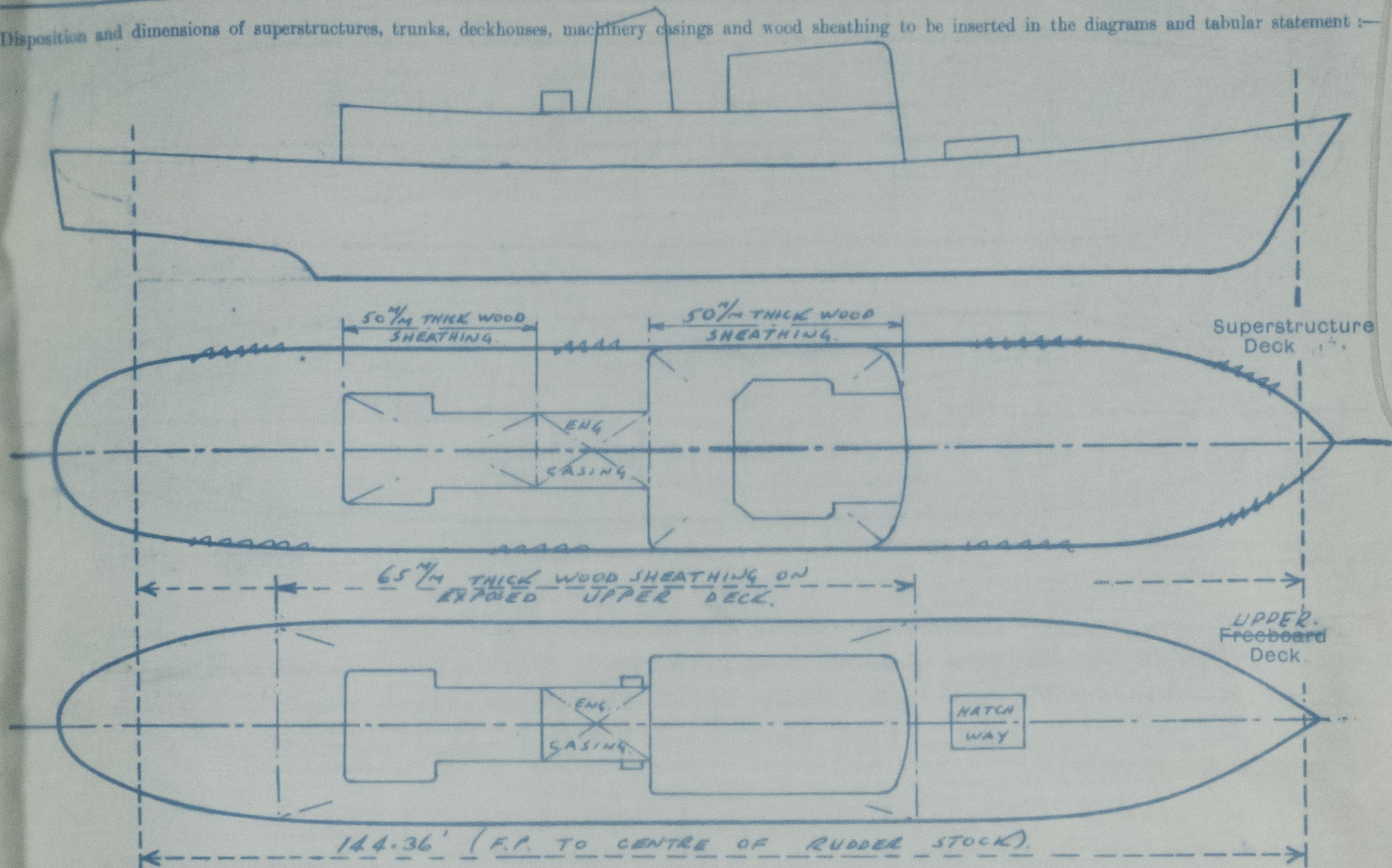
F-11678

SURVEYS FOR FREEBOARD

(CONDITIONS OF ASSIGNMENT)

Ship's Name "POL. 505" Port of Survey MUKAISHIMA, JAPAN.
 Official Number - Surveyor's Signature *A. Scott*
 Nationality and Port of Registry INDONESIAN - DJAKARTA Date of Survey WHILST BUILDING

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings and wood sheathing to be inserted in the diagrams and tabular statement:-



Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Deep Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
HOUSE ON UPPER DECK ...	6	4.5	130x90x9 I.A. & 75x9 F.B.	500 TO 600	BKT. TOP WELDED BTM.	✓	✓	2 ^M 300
Bridge, After Bulkhead ...	6	6	100x75x7 I.A. AT 6 & 65x65x6 I.A. & 75x9 F.B. VERT.	800	WELDED LUG TOP WELDED BTM.	✓	✓	2 ^M 300
HOUSE ON UPPER DECK ...	6	4.5	75x9 F.B. VERT. & 65x6 F.B. HORS.	600	BKT. TOP WELDED BTM.	4-1600x600	450	2 ^M 300
Bridge, Forward Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Front, Aft ...	✓	✓	✓	✓	✓	✓	✓	✓
Front, Forward ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	6	6	65x65x6 I.A. VERT. & 65x6 F.B. HORS.	800	BKT. TOP WELDED BTM.	1-1440x600	610	2 ^M 300
Exposed Machinery Casings on Superstructure Decks ...	✓	✓	✓	✓	✓	✓	✓	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓	✓	✓	✓	✓	✓	✓	✓
Deckhouses and Pump Room Entrances	✓	✓	✓	✓	✓	✓	✓	✓

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Deep Bulkhead ...	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
HOUSE ON UPPER DECK ...	4. OFF - HINGED WEATHERTIGHT STEEL DOORS (O.B.S.)
Front, Aft ...	1. OFF - HINGED WEATHERTIGHT STEEL DOOR (O.B.S.)
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
Deckhouses and Pump Room Entrances	✓

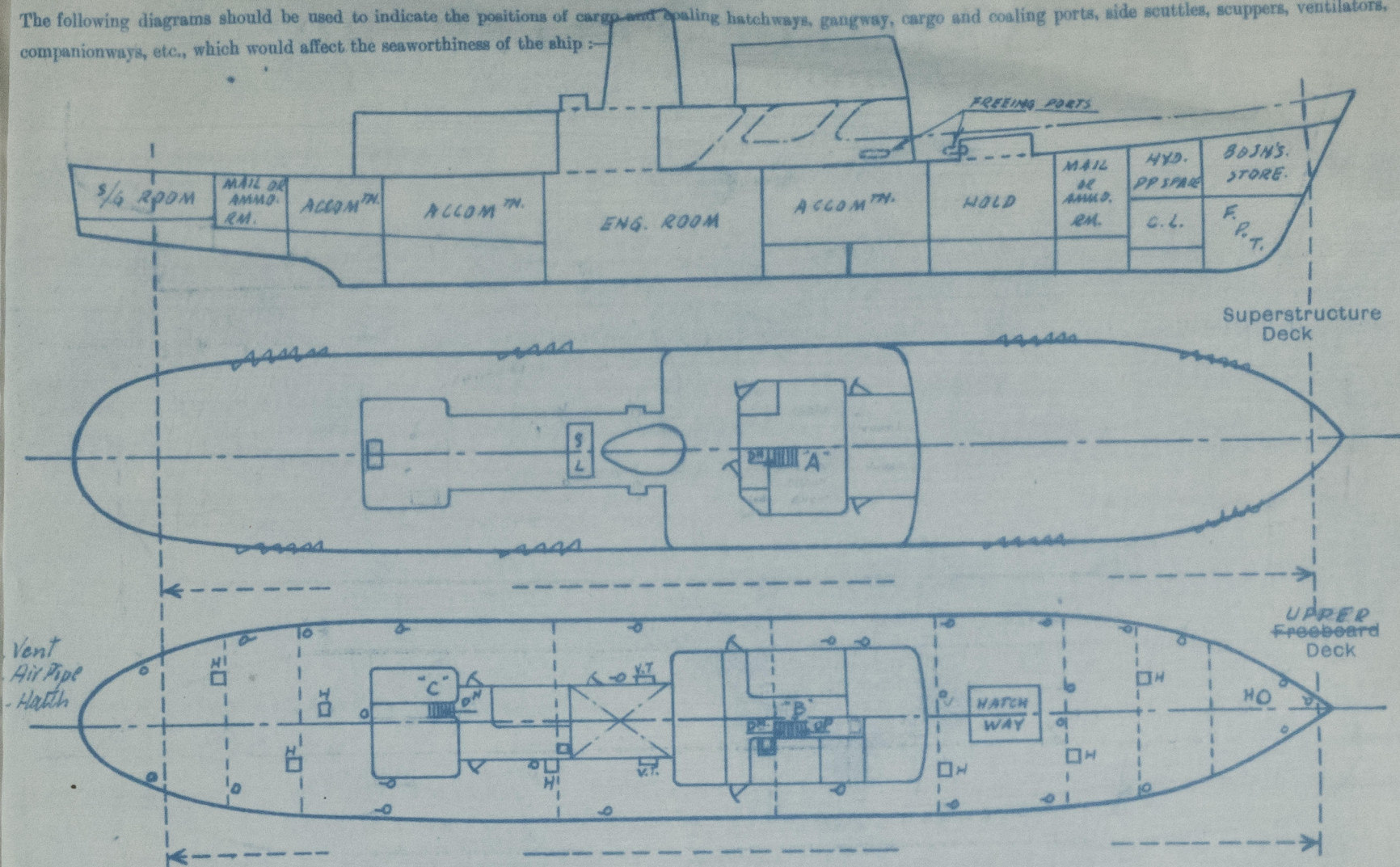


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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, side scuttles, scuppers, ventilators, companionways, etc., which would affect the seaworthiness of the ship :-



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :-

FUNNEL, VENTILATOR COAMINGS & ENGINE ROOM SKYLIGHT STRONGLY CONSTRUCTED OF STEEL.
ENGINE ROOM SKYLIGHT FITTED WITH HINGED STEEL FLAPS OPERABLE BOTH SIDES

Particulars of Flush Bunker Scuttles :-

NONE.

Particulars of Companionways :- Dimensions in mm.
(including those incorporated in deckhouses and masts)

"A" WITHIN STRONG STEEL HOUSE ON NAV. BRIDGE DECK, ACCESS TO ACCOMMODATION SPACES ON UPPER DECK, OPENINGS 1600 x 600, SILLS 250, CLOSED BY HINGED WEATHERTIGHT STEEL DOORS O.B.S.

"B" WITHIN STRONG STEEL HOUSE ON UPPER DECK, ACCESS TO ACCOM. SPACES ON SECOND DECK, OPENINGS 1600 x 600, SILLS 450, CLOSED BY HINGED WEATHERTIGHT STEEL DOORS O.B.S. 225 HIGH COAMING FITTED ROUND STAIRWAY OPENG.

"C" WITHIN STRONG STEEL HOUSE ON UPPER DECK, ACCESS TO ACCOM. SPACES, ETC., ON SECOND DECK, OPENINGS 1600 x 600, SILLS 450, CLOSED BY HINGED WEATHERTIGHT STEEL DOORS O.B.S. 225 HIGH COAMING FITTED ROUND STAIRWAY OPENG.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :- dimensions in mm.

5-100 dia x 8.6 x 920 High Gooseneck
1-100 dia x 8.6 x 960 High Gooseneck
2-300 dia. x 9mm x 940 High Mushroom.
1-350 dia. x 10 x 990 " "
1-200 dia. x 10 x 930 " "
1-150 dia. x 8 x 940 " "

Closing Appliances.

Cowl - Wood Plug and canvas cover.

Mushroom - Screw down W.T. Top.

Gooseneck - Hinged steel W.T. Cover.

1-400 dia x 9.5 x 1,000 High Cowl.
1-200 x 350 x 10 x 10 x 700 " "

UPPER DECK

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks :- Dimensions in mm.

7-70 dia x 915 High
2-80 dia x 915 High

Air Pipes to Fuel Oil Tanks and F.W. Tanks fitted with ball check valve and wire gauze and hinged steel flap.

Air pipes to ballast water tanks fitted with wire gauze and hinged steel flap.



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Particulars of Gangway Cargo and Coaling Ports :—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes :—

Dioms. in mm.

UPPER DECK (Exposed) Drained by 3-80 dia x 4.2 thick galv. steel scupper pipes leading from upper deck through

BRIDGE DECK Ship's side Drained by 2-50 dia. scupper pipes leading to Upper Deck.

SPACES on and above UPPER DECK. led into collector pipes and thence overboard 700 mm. below L.W.L. through double cast bronze storm

valves fitted in accessible positions above L.W.L. Outlet pipes between storm valves and shell of heavy gauge seamless steel pipe.

Starboard side 1-100 dia. 2-70 dia. Port side 1-100 dia. 2-50 dia.

Water cooler in 2nd Deck accommodation space forward. Drained into drain truck under 2nd Deck and pumped overboard by hand pump

Through shell above L.W.L. with 25 mm. cast bronze S.D.N.R.V. on discharge pipe.

ALLOMM. SPACES and REFRIG. STORES AFT. Drained into shaft tunnel and thence overboard by bilge and general service pump.

Scuppers to refriger. stores fitted with liquid seal trap.

ALLOMM. SPACE FORWARD. Drained into void space and thence overboard by bilge and general service pump.

FORE PEAK TANK, BOSNS STORE, CHAIN LOCKER and HYDRAULIC PUMP ROOM. Drained by water collector with 50 dia stopvalve on

suction and 50 dia. S.D.N.R.V. on discharge led overboard through shell above L.W.L.

STEERING GEAR RM. and AFTER MAIL ROOM. Drained by water collector with 50 dia. S.D.N.R.V. on suction and 50 dia.

S.D.N.R.V. on discharge led overboard through shell above L.W.L.

ALLOMM. SPACE FORWARD.

Particulars of Side Scuttles and Deadlights :—

Dioms. in mm.

HOUSE ON UPPER DECK :—

FRONT BULKHEAD :— 4-250 DIA. CLASS C. TYPE, SUBSTANTIALLY CONSTRUCTED HAVING BRONZE FRAMES
AND PORTABLE M.S. DEADLIGHTS, FITTED EXTERNALLY

SIDES & AFT END :— 14-250 DIA. CLASS C. TYPE, SUBSTANTIALLY CONSTRUCTED HAVING AL. ALLOY FRAMES
AND PORTABLE M.S. DEADLIGHTS, FITTED EXTERNALLY

Vertical distance of Sill of lowest Side Scuttle above top of keel NONE BELOW FREEBOARD DECK.

Distance from amidships to centre of lowest Side Scuttle

Particulars of Guard Rails and Bulwarks :—

Dioms. in mm.

UPPER DECK (FORW. OF MIDSHIPS) :— BULWARKS 1000 HIGH x 6 THICK, TOP RAIL 100 x 3.5 B.P., STAYS 6 THICK x
50 FLANGE, SPACED 1800 APART

UPPER DECK (AFT OF MIDSHIPS) :— 3 GUARD RAILS WITH STANCHIONS 1000 HIGH, SPACED ABOUT 1.25 m. APART.

Particulars of Gangways, Lifelines, etc. :—

NONE.

Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
OF MIDSHIPS. After Well			OPEN RAILS			
OF MIDSHIPS. Forward Well	16 ^m 200	1 ^m 000.	1 ^m 300 x 230	2	0.59 SQ. M.	

State position of each freeing port { After Well :— ✓

(F. and A. position and height above deck edge) { Forward Well :— FRS. 44½ TO 46½ & 50½ TO 52½, EACH 90^m ABOVE UPPER DECK.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :—

Additional area where sheer is less than standard.

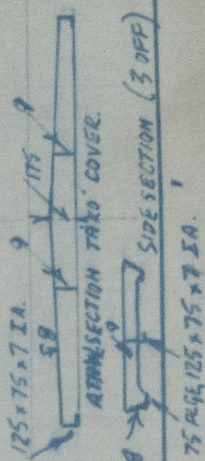


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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
<div> <div>FREEBOARD DECK WITHIN DECKHOUSE</div> <div>FREEBOARD DECK (EXPOSED)</div> </div>										
Description of Hatchway	ACCESS TO PORT ACCOM.	ENGINE ROOM ACCESS.	ENGINE ROOM ACCESS.	ROPE HATCH	HYD. PUMP ROOM ACCESS.	MAIL ROOM ACCESS(2)	HOLD ACCESS.	ACCESS TO AFT ACCOM.(2)	S/G ACCESS.	CARGO HATCH.
Dimensions of Hatchway		500x500	500x550	600 DIA.	500x590	500x590	500x590	500x500	500x500	3000x2400
COAMINGS	Height above Deck ...	250	250	610	610	610	610	610	610	745 MIN.
	Thickness { Sides ...	6	6	11	6	6	6	6	6	10
	Stiffeners ... { Sides ...			NONE	STIFFENED	STIFFENED	STIFFENED	STIFFENED	STIFFENED	250x90x10/16 2 A SIDES
	Brackets, Stays { Ends ...									150x90x9 1/8 ENDS
HATCH BEAMS	Number ...									
	Spacing ...									
	Scantling and Sketch									
	Bearing Surface ...									
FORE AND AFTERS	Number ...									
	Spacing ...									
	Unsupported Lengths ...									
	Scantling* and Sketch									
	Bearing Surface ...									
HATCH COVERS	Material ...	STEEL	STEEL	STEEL	STEEL	STEEL				STEEL
	Thickness ...	4.5	4.5	8	6	6				PONTON
	How fitted ...	STIFFENED	STIFFENED	HINGED	STIFFENED	STIFFENED				ATHWART
	Bearing Surface ...	NON-WT.	NON-WT.	JOINTED WT.	JOINTED	JOINTED	DO.	DO.	DO.	80
Spacing of Cleats		SECURED BY	SECURED BY	SECURED BY	SECURED BY 5	SECURED BY 5				540 SIDES
Number of Tarpaulins		2 TOGGLES	2 TOGGLES	4 TOGGLES	TOGGLES	TOGGLES				1525 ENDS
<p>*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/></p> <p>Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/></p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/></p> <p>Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/></p> <p>Are wood covers fitted with galvanised end bands? <input checked="" type="checkbox"/></p>										



Particulars of any special features:— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)

