







































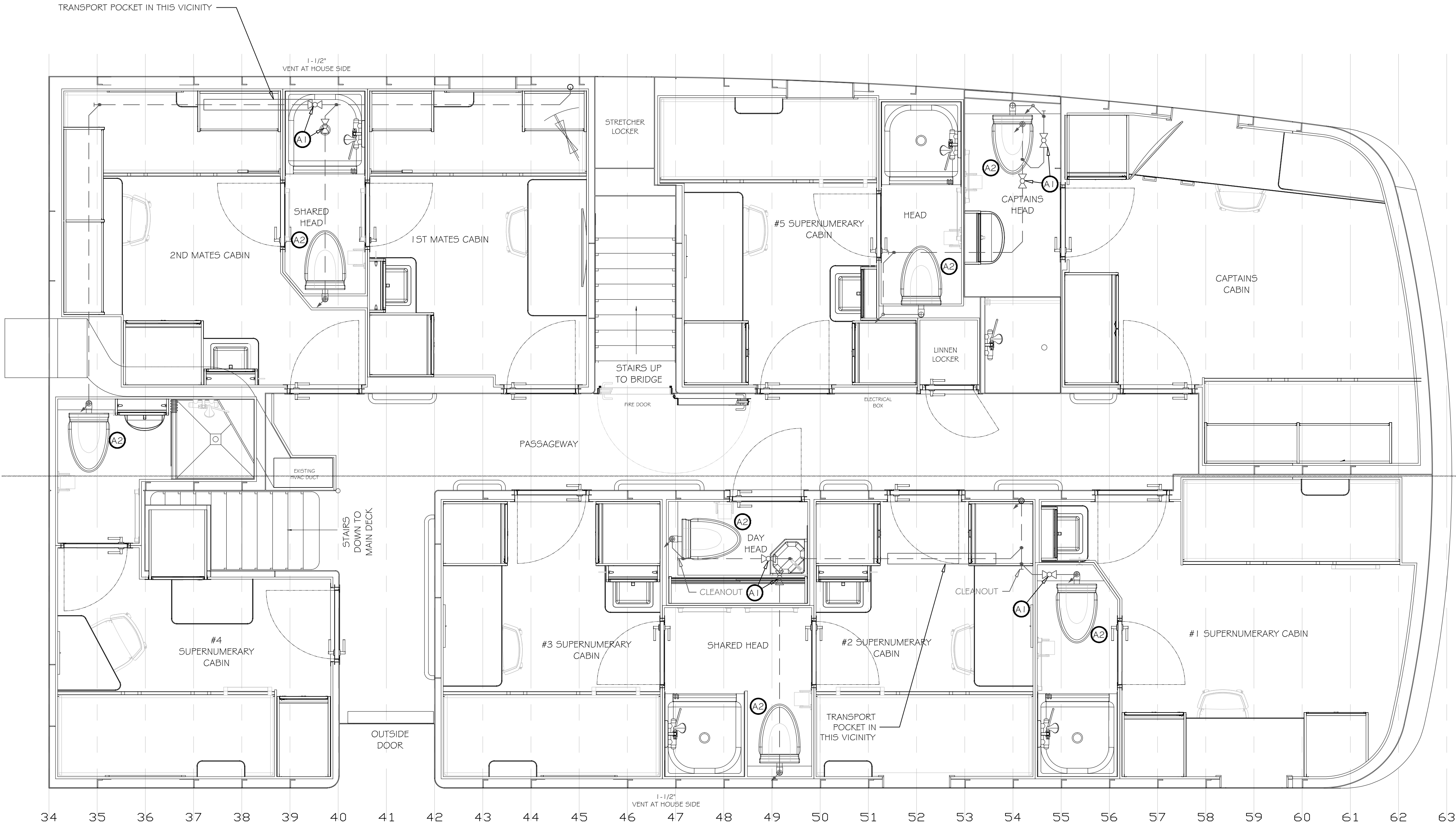
PIPING SYSTEM IDENTIFICATION COLOURS					
LINE	MAIN MEDIA	MARKING	SPECIFIC MEDIA	COLOUR	
	WASTE MEDIA		BLACK WATER	BK - BU - BK	
PIPING SYSTEM CONVENTIONAL SIGNS					
PIPE	DIRECTION OF FLOW 	CROSSING PIPES, NOT CONNECTED 	CROSSING PIPES, CONNECTED 	PIPE TEE 	
WATERTIGHT TRANSIT 	NON-WATERTIGHT TRANSIT 	PIPE GOING UPWARDS 	PIPE GOING DOWNWARDS 	REDUCE / ENLARGE PIPE SIZE 	
BALL VALVE NORMALLY OPEN 	BALL VALVE NORMALLY CLOSED 	GLOBE VALVE, NORMALLY OPEN 	GLOBE VALVE, NORMALLY CLOSED 	CHECK VALVE 	
GLOBE VALVE SDNR, STRAIGHT 	GLOBE VALVE SDNR, ANGLE 	THREE-WAY L-PORT VALVE 	THREE-WAY T-PORT VALVE 	BUTTERFLY VALVE 	
PUMP 	FLANGE CONNECTION 	FLEXIBLE HOSE 	FLEXIBLE BELLOW(S) 	STRAUB-TYPE COUPLER 	
QUICK RELEASE COUPLER 	CAPPED PIPE 	AIR PIPE 	SIPHON BREAK 	TRAP 	
SOUNDING OR FILLING FITTING 	FILTER OR STRAINER 	GAUGE 	LEVEL SENSOR 	LEVEL ALARM 	
ITEM LIST					
ITEM	DESCRIPTION		QUANTITY	REFERENCE	MATERIAL
A1	SHUT OFF VALVES SEACOR 1 1/2" TRUE UNION BALL VALVES		7	-	PVC
A2	TOILET EVAC 9110 FLOOR MOUNT		7	-	-

NOTES:

- ALL PIPING ROUTES INDICATED ARE FOR REFERENCE ONLY. ACTUAL ARRANGEMENT TO BE DETERMINED ON SITE BASED UPON AVAILABLE SPACE AND EXISTING CONNECTIONS
- VACUUM PIPING TO BE ARRANGED IN KEEPING WITH SYSTEM MANUFACTURER REQUIREMENTS.
- NO SHORT-RADIUS 90° BENDS ARE PERMITTED. BENDS ARE TO BE LONG RADIUS, OR COMPRISED OF TWO 45° FITTINGS
- BUILDER TO ARRANGE TRANSPORT POCKETS IN LONG RUNS, OR WHERE REQUIRED FOR FALL REQUIREMENTS AND OBSTRUCTIONS
- CONNECTION POINTS TO EXISTING PIPING IN THE VESSEL ARE TO BE DETERMINED ON SITE, KEEPING IN MIND REQUIREMENTS FOR PROPER FALL
- EXISTING VESSEL DRAWINGS ARE INCOMPLETE OR OUTDATED. THE INSTALLER IS TO ENSURE THAT ALL EXISTING CONNECTIONS TO OTHER SERVICES ARE MAINTAINED. PIPING ROUTES AND OR CONFIGURATIONS MAY BE REQUIRED TO CHANGE FROM WHAT IS PICTURED IN ORDER TO ACCOMPLISH THIS.
- THE INSTALLER IS TO PROVIDE AN AS BUILT SKETCH OF THE FINAL SYSTEM TO THE VESSEL FOR ITS RECORDS.
- CONNECTION TYPES TO EXISTING PIPING TO BE DETERMINED BY THE INSTALLER.
- CLEANOUTS ARE TO BE PROVIDED AS NOTED, OR AS DETERMINED THROUGH ON SITE DETAIL DEVELOPMENT
- TRANSITS THROUGH THE DECK ARE TO BE KEPT WATERTIGHT

MATERIALS:

- PIPING TO BE SCHEDULE 80 PVC, SEACOR OR EQUAL.
- TRANSITION JOINTS BETWEEN OLD AND NEW PIPING ARE TO BE DETERMINED ON SITE BY THE INSTALLER. CONNECTION POINTS ARE TO BE KEPT ACCESSIBLE.
- PIPING TO BE WELL SUPPORTED AT REGULAR INTERVALS.
- PIPING TO TYPICALLY HAVE A MINIMUM 1/4" PER FOOT FALL. (NOTE, SOME SHOWER DRAINS MAY BE LESS THAN THIS DUE TO STRUCTURAL CONSTRAINTS)

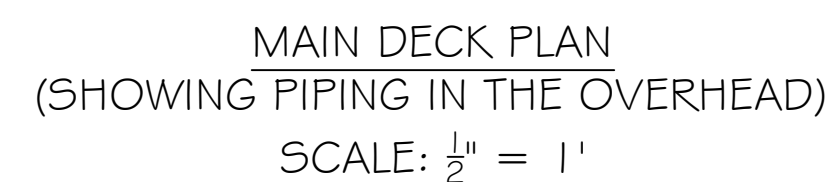


FOCSLE DECK PLAN
(DASHED LINES ARE PIPING BELOW THE DECK)
SCALE: 1/2" = 1'

ISSUED : APR 12, 2018	DRAWING BY : MD	CHECKED BY : MD
REVISION DATE		
REVISION		

CCG VECTOR
FOC'SLE DECK

SHEET# 1/2	FOR REVIEW	REV -
1146-4-513-01	FOCSLE DECK BLACK WATER SYSTEM	



- PIPING TO BE SCHEDULE 80 PVC, SEACOR OR EQUAL.
- TRANSITION JOINTS BETWEEN OLD AND NEW PIPING ARE TO BE DETERMINED ON SITE BY THE INSTALLER. CONNECTION POINTS ARE TO BE KEPT ACCESSIBLE.
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REVISION		REVISION DATE	
		ISSUED : APR 12, 2018	
		DRAWING BY : MD	
		CHECKED BY : MD	

CCG VECTOR FOCUSLE DECK

SHEET# 2/2	FOR REVIEW	STATUS:
146-4-513-01 WATER SYSTEM	FOCSLE DECK BLACK	REV