



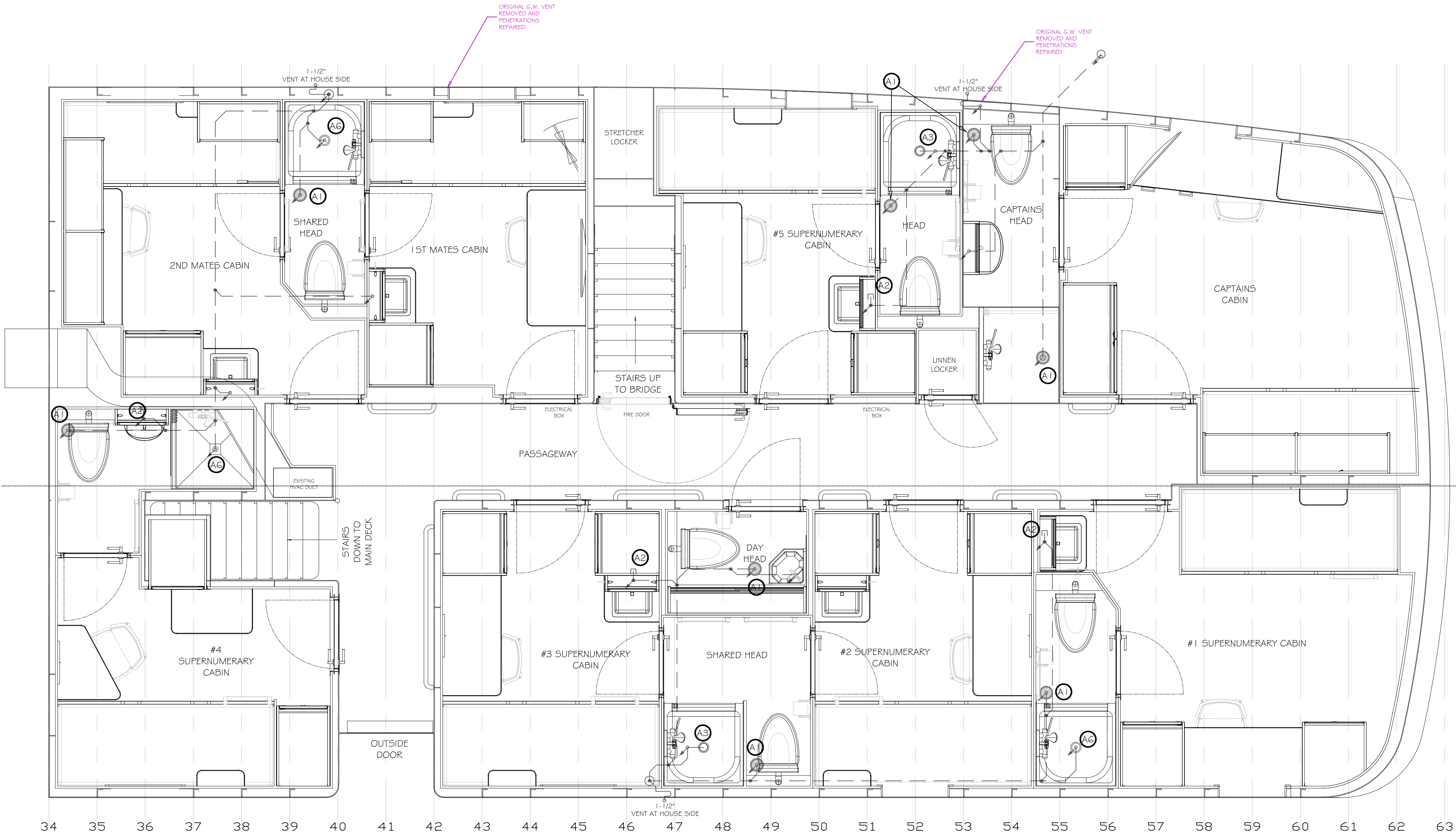
PIPING SYSTEM IDENTIFICATION COLOURS					
LINE	MAIN MEDIA	MARKING	SPECIFIC MEDIA	COLOUR	
	WASTE MEDIA	■	GREY WATER	BK - W1 - BK	
PIPING SYSTEM CONVENTIONAL SIGNS					
PIPE	DIRECTION OF FLOW	CROSSING PIPES, NOT CONNECTED	CROSSING PIPES, CONNECTED	PIPE TEE	
WATERTIGHT TRANSIT	NON-WATERTIGHT TRANSIT	PIPE 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 ROSE	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	FLOOR DRAIN, WELD IN, 1-1/2" W/GRATE, 1/4" RW, THREADED WITH INTEGRAL TRAP AND RAFFLE	8	-	356-T6 ALUMINUM	
A2	AUTOMATIC PLUMBING VENT 1-1/2" BOW OR EQUAL	4	-	PVC OR ABS	
A3	SHOWER DRAIN, SIDE DISCHARGE, 2" OS&B S0335-S5 OR EQUAL	2	-	PVC OR ABS	
A4	SINK WASTE TRAPS - 1-1/4"	8	-	PVC OR ABS	
A5	SHOWER WASTE TRAPS - 2"	5	-	SEACOR OR EQUAL	
A6	SHOWER WASTE FITTING - 2" S.S. GRATE	3	-	PVC OR ABS	

NOTES:

- ALL PIPING ROUTES INDICATED ARE FOR REFERENCE ONLY. ACTUAL ARRANGEMENT TO BE DETERMINED ON SITE BASED UPON AVAILABLE SPACE AND EXISTING CONNECTIONS
- 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- EXISTING VESSEL DRAWINGS ARE INCOMPLETE OR OUTDATED.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.
- P-TRAPS FOR SHOWERS ARE TO BE ORIENTED IN A FORE-AFT DIRECTION. P-TRAPS ARE NOT SHOWN IN PLAN VIEWS FOR CLARITY.
- TRANSITS THROUGH THE DECK ARE TO BE KEPT WATERTIGHT

MATERIALS:

- PIPING TO BE SCHEDULE 80 PVC, SEACOR OR EQUAL.
- PIPING COMPONENTS WITHIN STATEROOMS (P-TRAPS ETC) MAY BE STANDARD SCHEDULE 40 ABS OR PVC AS APPROPRIATE
- 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 10, 2018	DRAWING BY : MD	CHECKED BY : MD
REVISION DATE		
REVISION		

CCG VECTOR
FOC'SLE DECK

SHEET# 1/3	FOR REVIEW	REV -
1146-4-512-01 FOC'SLE DECK GREY WATER SYSTEM		



- PIPING TO BE SCHEDULE 80 PVC, 5EACOR OR EQUAL.
- PIPING COMPONENTS WITHN STATEROOMS (P-TRAPS ETC) MAY BE STANDARD SCHEDULE 40 ABS OR PVC AS APPROPRIATE
- 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 WASHED OUT AT REGULAR INTERVALS.
- PIPING TO TYPICALLY HAVE A MINIMUM $\frac{1}{4}$ PER FOOT FALL. (NOTE, SOME SHOWER DRAINS MAY BE LESS THAN THIS DUE TO STRUCTURAL CONSTRAINTS).

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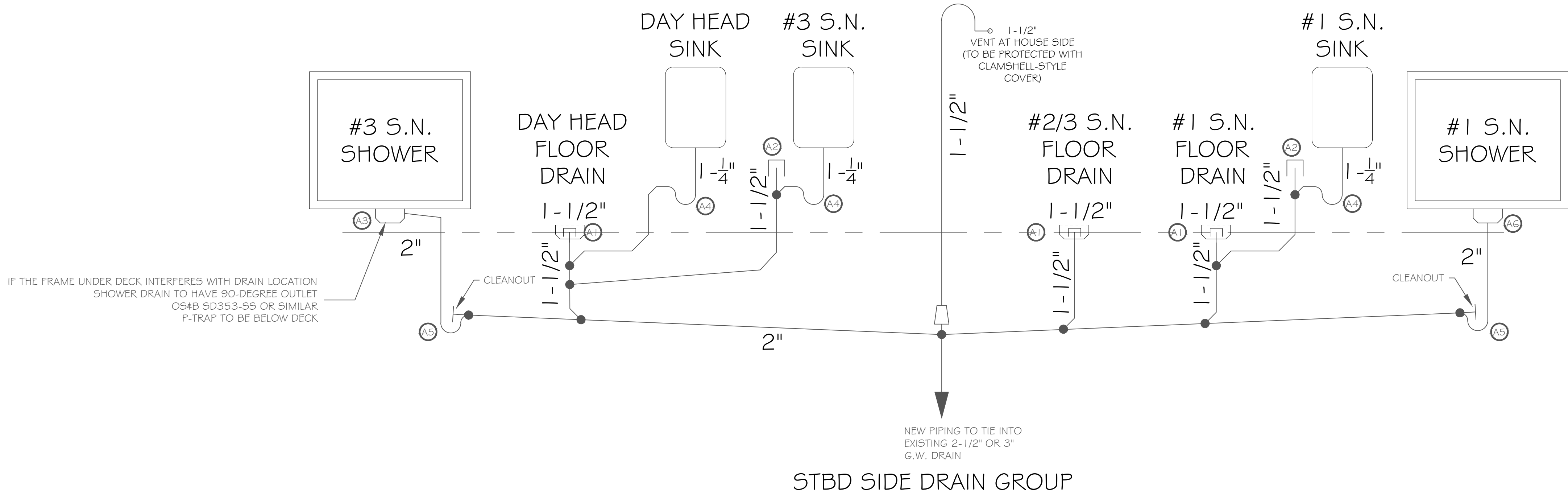
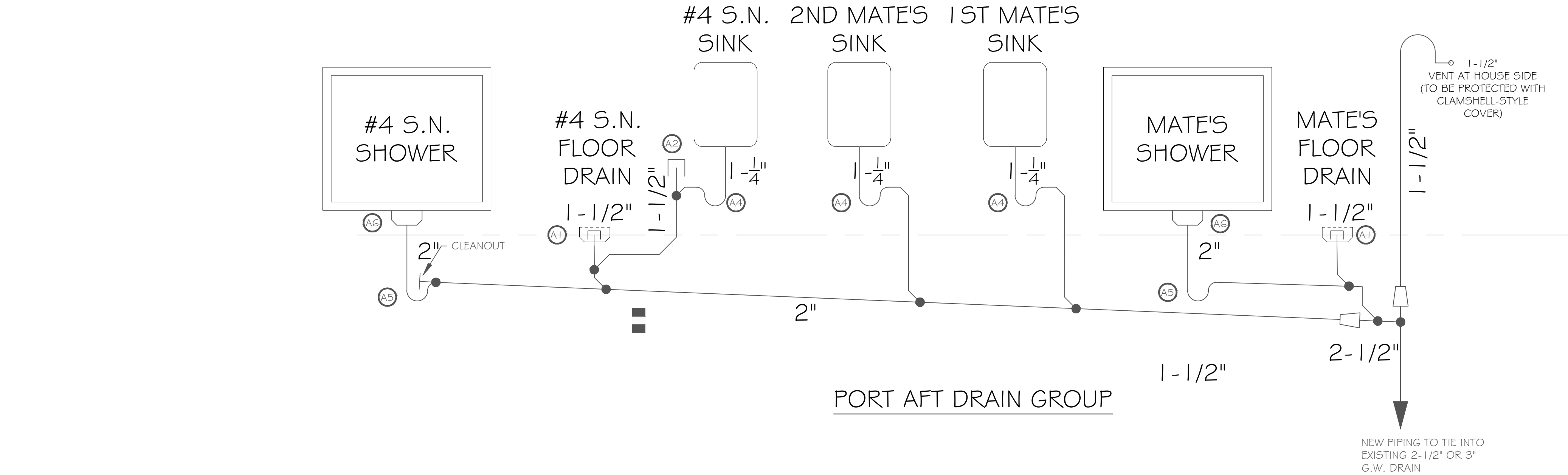
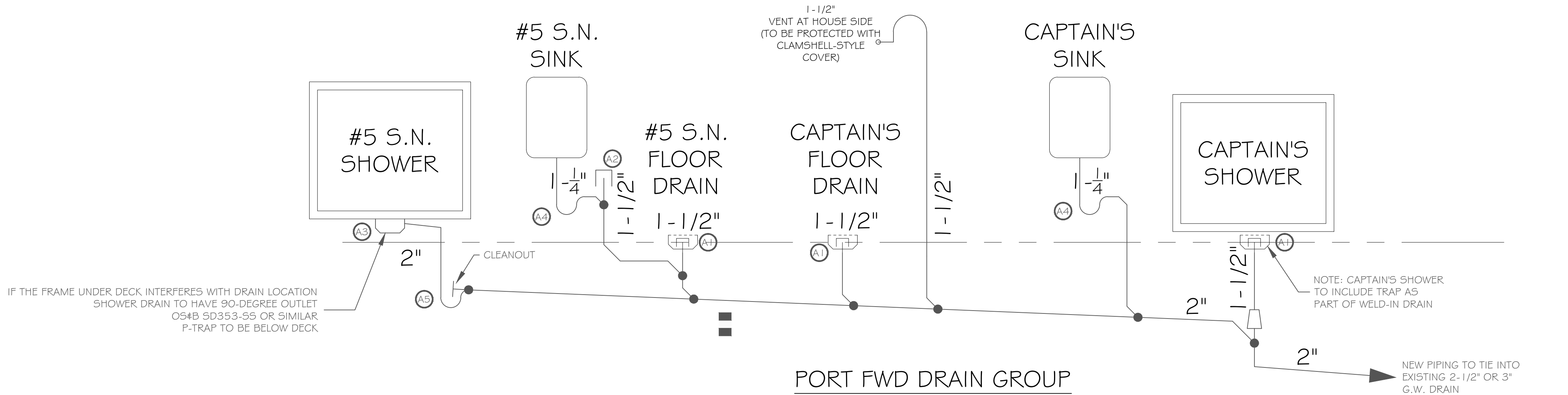
APPROVED BY _____



































SHEET# 213

1146-4-512-01	FOCSLE DECK GREY WATER SYSTEM	REV -
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CCG VECTOR
FO'CISE DFC

REV -



PIPING SYSTEM IDENTIFICATION COLOURS									
LINE	MAIN MEDIA		MARKING	SPECIFIC MEDIA		COLOUR			
	WASTE MEDIA		■ ■	GREY WATER		BK - WH - 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 SDR, STRAIGHT		GLOBE VALVE SDR, 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	FLOOR DRAIN, WELD IN, 1-1/2" WAGER, 1.54 HW, THREADED WITH INTEGRAL TRAP AND BAFFLE				8	-	S96-T6 ALUMINUM		
A2	AUTOMATIC PLUMBING VENT 1-1/2" BOW OR EQUAL				4	-	PVC OR ABS		
A3	SHOWER DRAIN, SIDE DISCHARGE, 2" CS#B 5D353-55 OR EQUAL				2	-	PVC OR ABS		
A4	SINK WASTE TRAPS - 1-1/4"				8	-	PVC OR ABS		
A5	SHOWER WASTE TRAPS - 2"				5	-	SEACOR OR EQUAL		
A6	SHOWER WASTE FITTING - 2" S.S. GRATE				3	-	PVC OR ABS		

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- CONNECTION POINTS TO EXISTING PIPING IN THE VESSEL ARE TO BE DETERMINED ON SITE, KEEPING IN MIND REQUIREMENTS FOR PROPER FALL
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- 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.
- P-TRAPS FOR SHOWERS ARE TO BE ORIENTED IN A FORE-AFT DIRECTION.
- TRANSITS THROUGH THE DECK ARE TO BE KEPT WATERTIGHT

MATERIALS:

- PIPING TO BE SCHEDULE 80 PVC, SEACOR OR EQUAL.
- PIPING COMPONENTS WITHIN STATEROOMS (P-TRAPS ETC) MAY BE STANDARD SCHEDULE 40 ABS OR PVC AS APPROPRIATE
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- PIPING TO BE WELL SUPPORTED AT REGULAR INTERVALS.
- PIPING TO TYPICALLY HAVE A MINIMUM 1/8" PER FOOT FALL. (NOTE, SOME SHOWER DRAINS MAY BE LESS THAN THIS DUE TO STRUCTURAL CONSTRAINTS)

REVISION DATE	ISSUED : APR 10 , 2018	DRAWING BY : MD	CHECKED BY : MD

CCG VECTOR
FOC'SLE DECK

SHEET# 3/3	FOR REVIEW	REV -
1146-4-512-01	FOCSLE DECK GREY WATER SYSTEM - SCHEMATIC	