

#### ACTIVITY: To Construct the Stern Section of the STEM Class Ship – Mega Block 1.

#### NOTES:

- Ensure optimal utilization of all materials to reduce waste.
- Ensure all cutting surfaces are protected when cutting materials with the use of a cutting board.

#### MATERIAL REQUIREMENTS:

Sharpie Clear Ruler Exacto Knife Cutting Board Foam Board Black Plastic Sheets Scissors Glue Gun Canada Flag

#### **DEFINITIONS AND ACRONYMS:**

Definitions:

Bulkhead - A dividing wall or barrier between compartments in a ship Deck – A structure approximately horizontal, extending across a ship Longitudinal – Situated along the length of the ship Port - The left side of the ship Shell - The outer most structure of a ship Starboard – The right side of the ship Stern - The back most part of the ship Transverse - Situated across the width of the ship

Acronyms:

DWG - Drawing FWD - Forward LKG FWD - Looking Forward LKG DOWN – Looking Down LKG PORT – Looking Port PS – Port Side STBD – Starboard TYP - Typical, meaning the same on both sides



### STEPS:

#### 1. Stern - Transverse Bulkhead

1.1 Using Attachment 1 (DWG No: A01-STERN PACKAGE-001) measure, mark-up and cut out section of Foam Board using an Exacto Knife to the exact measurements stipulated on the drawing.

#### 2. Stern – Longitudinal Bulkhead

2.1Using Attachment 2 (DWG No: A01-STERN PACKAGE-002) measure, mark-up and cut out section of Foam Board using an Exacto Knife to the exact measurements stipulated on the drawing.

#### 3. Stern – Deck

3.1Using Attachment 3 (DWG No: A01-STERN PACKAGE-003) measure, mark-up and cut out section of Foam Board using an Exacto Knife to the exact measurements stipulated on the drawing.

#### 4. Stern - Shell

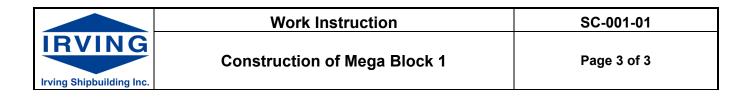
4.1Using Attachment 4 (DWG No: A01-STERN PACKAGE-004) follow the 'NOTES' section to mark-up, cut and fold Black Plastic Paper using Scissors to the exact measurements stipulated on the drawing.

#### 5. Stern – Assembly

- 5.1Using Attachment 5 (DWG No: A01-STERN PACKAGE-005) follow the 'NOTES' section to assemble Transverse Bulkhead, Longitudinal Bulkhead, Deck & Shell to form Mega Block 1.
- 5.2Use glue gun to secure sections.

#### 6 Mast Assembly

- 6.1Using Attachment 6 (DWG No: A01-STERN PACKAGE-006) measure, mark-up and cut Black Plastic Paper using Scissors to the exact measurements stipulated on the drawing.
- 6.2 Follow the 'NOTES' section to create the circular section of the Mast.
- 6.3 Assemble as per drawing and use glue gun to secure.
- 6.4 Install Flag as per drawing.



#### ATTACHMENTS:

- 1 DWG No: A01-STERN PACKAGE-001 Stern Transverse Bulkhead Mega Block 1
- 2 DWG No: A01-STERN PACKAGE-002 Stern Longitudinal Bulkhead Mega Block 1
- 3 DWG No: A01-STERN PACKAGE-003 Stern Deck Mega Block 1
- 4 DWG No: A01-STERN PACKAGE-004 Stern Shell Mega Block 1
- 5 DWG No: A01-STERN PACKAGE-005 Stern Stern Assembly Mega Block 1
- 6 DWG No: A01-STERN PACKAGE-006 Mast Assembly



#### ACTIVITY: To Construct Midship Section of a STEM Class Ship – Mega Block 2.

#### NOTES:

- Ensure optimal utilization of all materials to reduce waste.
- Ensure all cutting surfaces are protected when cutting materials with the use of a cutting board.
- Take note of the quantity required within the bill of materials section of the drawing attachments.

#### MATERIAL REQUIREMENTS:

Sharpie Clear Ruler Exacto Knife Cutting Board Foam Board Black Plastic Sheets Scissors Glue Gun

#### **DEFINITIONS AND ACRONYMS:**

Definitions:

Bulkhead - A dividing wall or barrier between compartments in a ship Deck – A structure approximately horizontal, extending across a ship Longitudinal – Situated along the length of the ship Port - The left side of the ship Shell - The outer most structure of a ship Starboard – The right side of the ship Stern - The back most part of the ship Transverse - situated across the width of the ship

Acronyms:

DWG - Drawing FWD - Forward LKG FWD - Looking Forward LKG DOWN – Looking Down LKG PORT – Looking Port PS – Port Side STBD – Starboard TYP - Typical, meaning the same on both sides



### STEPS:

#### 1. Midship – Transverse Bulkhead

- 1.1 Using Attachment 1 (DWG No: A01-MIDSHIP PACKAGE-001) measure, mark-up and cut out section of Foam Board using an Exacto Knife to the exact measurements stipulated on the drawing.
- 1.2 Repeat step 1.1 to create a second Transverse Bulkhead section.

#### 2. Midship – Longitudinal Bulkhead

2.1 Using Attachment 2 (DWG No: A01-MIDSHIP PACKAGE-002) measure, mark-up and cut out section of Foam Board using an Exacto Knife to the exact measurements stipulated on the drawing.

#### 3. Midship – Deck

3.1Using Attachment 3 (DWG No: A01-MIDSHIP PACKAGE-003) measure, mark-up and cut out section of Foam Board using an Exacto Knife to the exact measurements stipulated on the drawing.

#### 4. Midship - Shell

4.1Using Attachment 4 (DWG No: A01-MIDSHIP PACKAGE-004) measure, mark-up and cut out section of Black Plastic Paper using Scissors, to the exact measurements stipulated on the drawing.

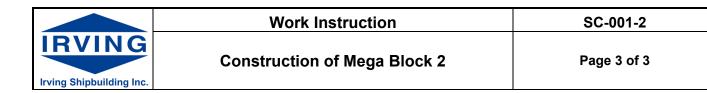
4.2 Measure, mark-up and fold section of Black Plastic Paper to exact measurements stipulated on the drawing to form the shape indicated.

#### 5. Midship - Assembly

- 5.2Using Attachment 5 (DWG No: A01-MIDSHIP PACKAGE-005) follow the 'NOTES' section to assemble Transverse Bulkhead, Longitudinal Bulkhead, Deck & Shell to form Mega Block 2.
- 5.3Use glue gun to secure sections.

#### 6 Superstructure Assembly

- 6.1 Using Attachment 6 (DWG No: A01-MIDSHIP PACKAGE-006) measure, mark-up and cut Black Plastic Paper using Scissors to the exact measurements stipulated on the drawing.
- 6.2 Follow the 'NOTES' section to form the structure indicated on the drawing.
- 6.3 Use glue gun to secure.



#### **ATTACHMENTS:**

- 1 DWG No: A01-MIDSHIP PACKAGE-001 Midship Transverse Bulkhead Mega Block 2
- 2 DWG No: A01-MIDSHIP PACKAGE-002 Midship Longitudinal Bulkhead Mega Block 2
- 3 DWG No: A01-MIDSHIP PACKAGE-003 Midship Deck Mega Block 2
- 4 DWG No: A01-MIDSHIP PACKAGE-004 Midship Shell Mega Block 2
- 5 DWG No: A01-MIDSHIP PACKAGE-005 Midship Midship Assembly Mega Block 2
- 6 DWG No: A01-MIDSHIP PACKAGE-006 Superstructure Assembly



### ACTIVITY: To Construct Bow Section of a STEM Class Ship – Mega Block 3.

#### NOTES:

- Ensure optimal utilization of all materials to reduce waste.
- Ensure all cutting surfaces are protected when cutting materials with the use of a cutting board.

#### MATERIAL REQUIREMENTS:

Sharpie
Clear Ruler
Exacto Knife
Cutting Board
Foam Board
Black Plastic Sheets
Scissors
Glue Gun

#### **DEFINITIONS AND ACRONYMS:**

Definitions:

Bow - The forward most part of the ship Bulkhead - A dividing wall or barrier between compartments in a ship Curvature - Being curved or the degree to which something is curved Deck – A structure approximately horizontal, extending across a ship Longitudinal – Situated along the length of the ship Port - The left side of the ship Shell - The outer most structure of a ship Starboard – The right side of the ship Stern - The back most part of the ship Transverse - Situated across the width of the ship

#### Acronyms:

DWG - Drawing FWD - Forward LKG FWD - Looking Forward LKG DOWN – Looking Down LKG PORT – Looking Port PS – Port Side STBD – Starboard TYP - Typical, meaning the same on both sides



### STEPS:

#### 1. Bow – Transverse Bulkhead

1.1 Using Attachment 1 (DWG No: A01-BOW PACKAGE-001) measure, markup and cut out section of Foam Board using an Exacto Knife to the exact measurements stipulated on the drawing.

#### 2. Bow – Longitudinal Bulkhead

2.1Using Attachment 2 (DWG No: A01-BOW PACKAGE-002) measure, markup and cut out section of Foam Board using an Exacto Knife to the exact measurements stipulated on the drawing.

#### 3. Bow – Deck

3.1 Using Attachment 3 (DWG No: A01-BOW PACKAGE-003) measure, markup and cut out section of Foam Board using an Exacto Knife to the exact measurements stipulated on the drawing.

#### 4. Bow - Shell

4.1Using Attachment 4 (DWG No: A01-BOW PACKAGE-004) follow the 'NOTES' section to mark-up, fold and cut Black Plastic Paper using Scissors to the exact measurements stipulated on the drawing.
4.2 Use Glue Gun to secure sections.

#### 5. Bow - Assembly

- 5.1Using Attachment 5 (DWG No: A01-BOW PACKAGE-005) assemble Transverse Bulkhead, Longitudinal Bulkhead, Deck & Shell to form Mega Block 3.
- 5.2 Use Glue Gun to secure sections.

#### ATTACHMENTS:

- 1 DWG No: A01-BOW PACKAGE-001 Bow Transverse Bulkhead Mega Block 3
- 2 DWG No: A01-BOW PACKAGE-002 Bow Longitudinal Bulkhead Mega Block 3
- 3 DWG No: A01-BOW PACKAGE-003 Bow Deck Mega Block 3
- 4 DWG No: A01-BOW PACKAGE-004 Bow Shell Mega Block 3
- 5 DWG No: A01-BOW PACKAGE-005 Bow Bow Assembly Mega Block 3



### ACTIVITY: Final Assembly of the STEM Class Ship for the Royal Canadian Navy.

**NOTES:** Following Assembly ship will be launched.

### MATERIAL REQUIREMENTS:

Clear Ruler Glue Gun Duct Tape Clothes Pins/Safety Pins

#### **DEFINITIONS AND ACRONYMS:**

Definitions:

Port - The left side of the ship Super Structure: The parts of a Ship other than Mast, built above its Hull and Main Deck Shell - The outer most structure of a ship Mast – A long pole that rises vertically from a ship

Acronyms:

DWG - Drawing LKG DOWN – Looking Down LKG PORT – Looking Port FWD – Forward

#### STEPS:

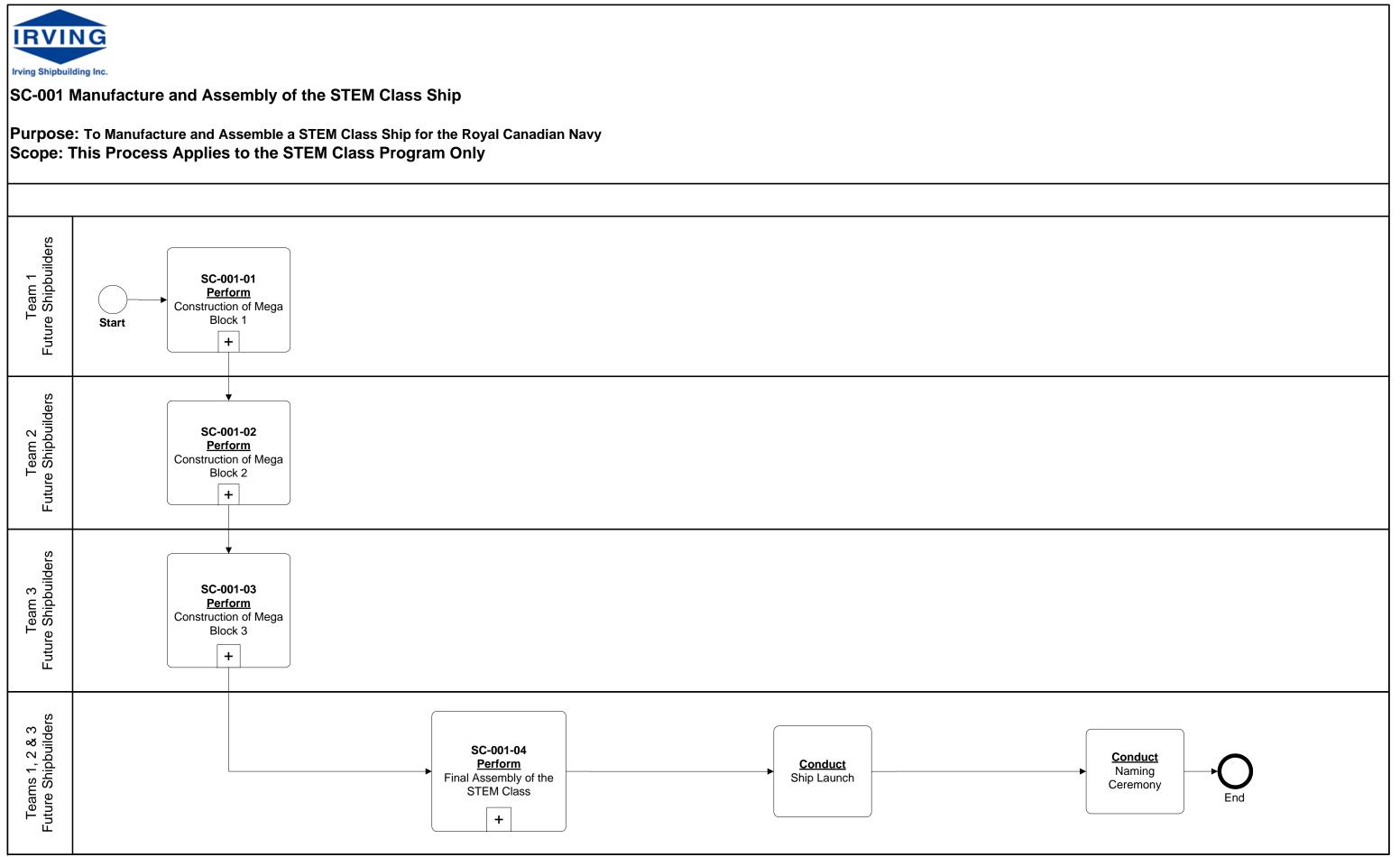
#### 1. Assembly

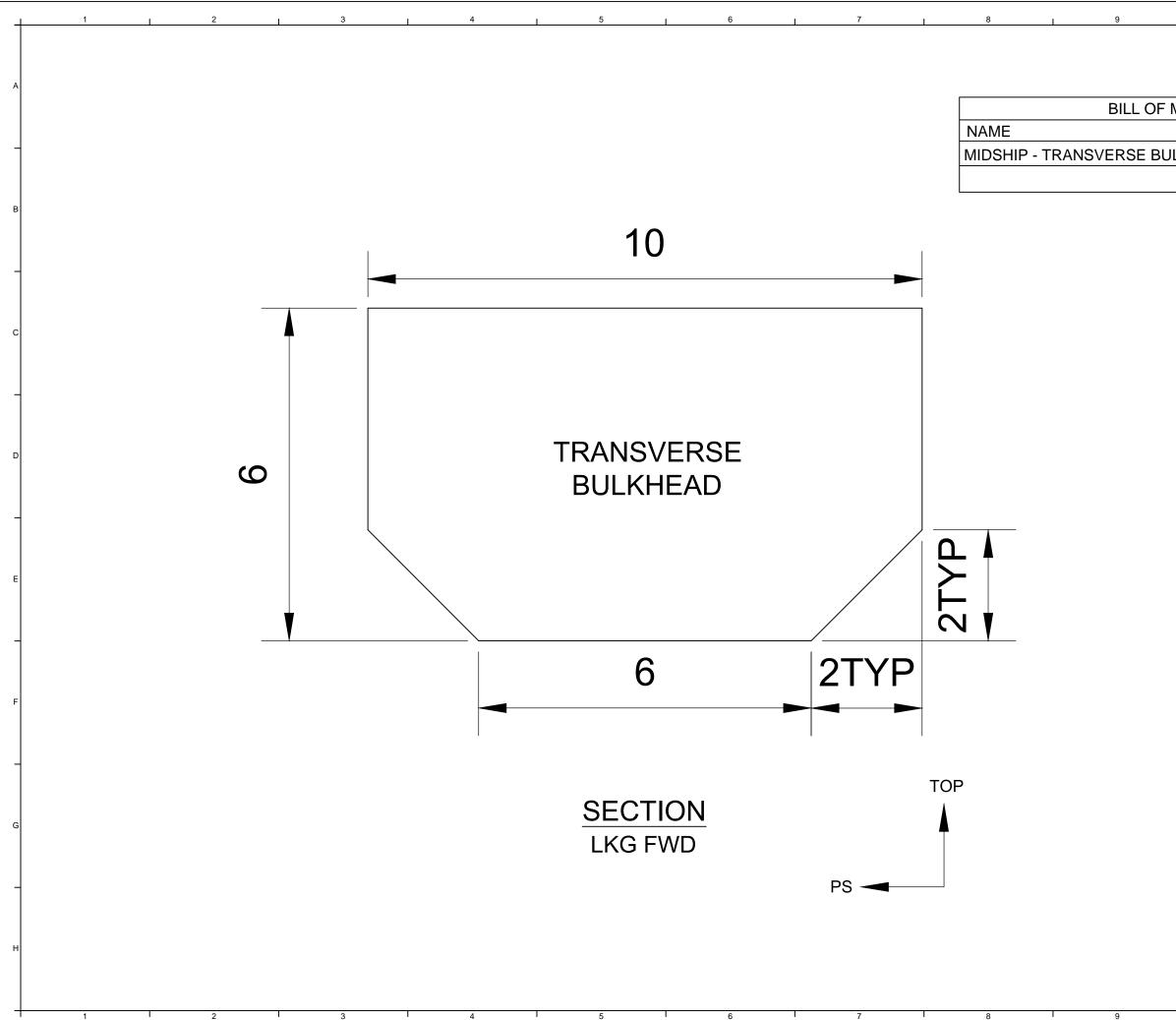
- 1.1Using Attachment 1 (A01-MEGA BLOCK PACKAGE-001) follow the 'NOTES' section to assemble STEM Class Ship 1.
- 1.2 Use Glue Gun to secure sections.
- 1.3 Use Duct Tape to seal edges.

#### ATTACHMENTS:

1 - DWG No: A01-MEGA BLOCK PACKAGE-001 Mega Block Join – Ship 1



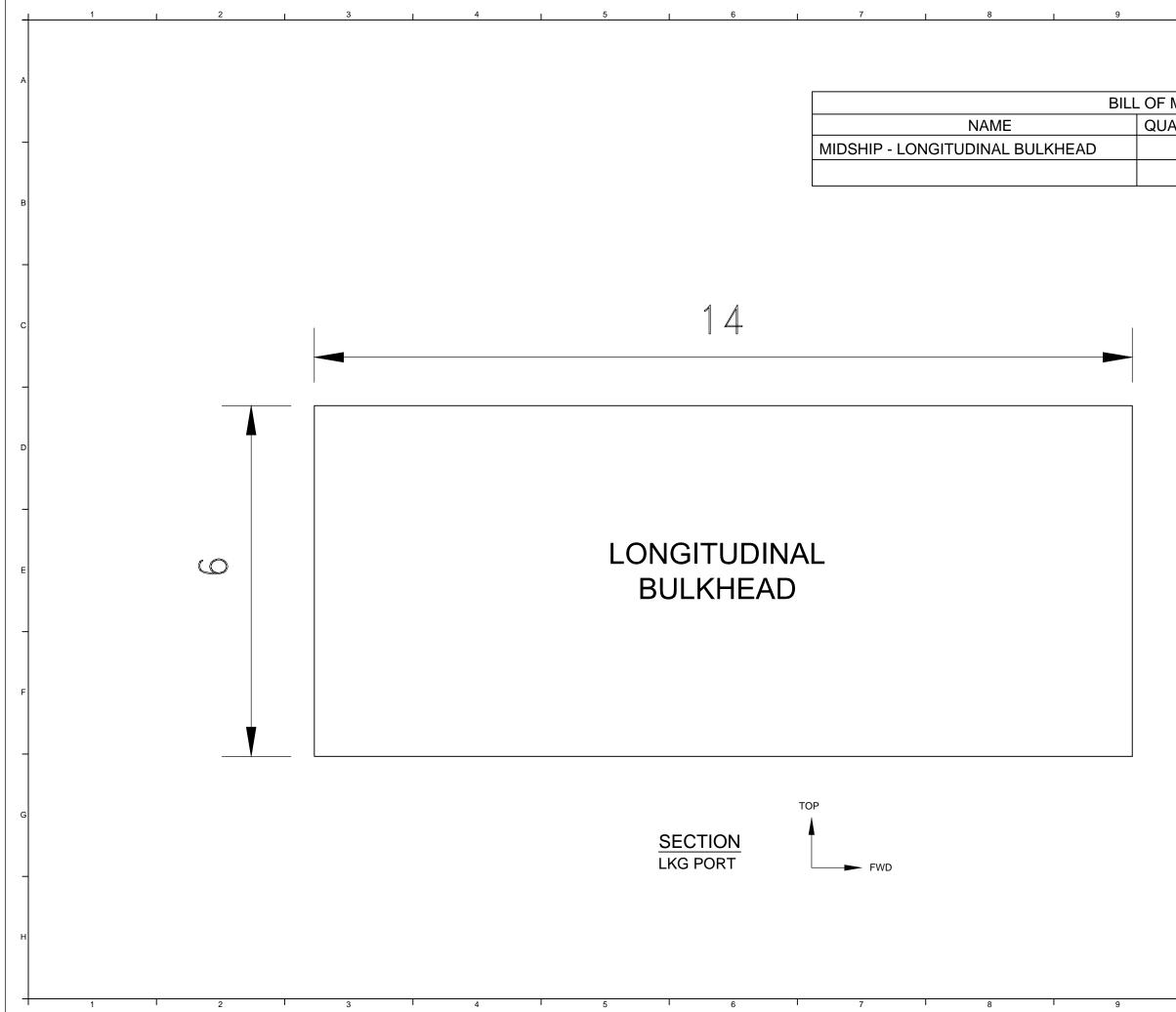




10	11	12	
			-

QUANTITY	MATERIAL DESCRIPTION
2	0.5CM THICK FOAM BOARD
<u>NOTES</u> 1. ALL	<u>S:</u> DIMENSIONS IN CENTIMETERS
	NOTES

IRVING Integ Wilphulding Inc.	HABRICATION DRAWING MIDSHIP - TRANSVERSE BULKHEAD MEGA BLOCK 2					н
STEM	DWN K. J.	ACKMAN	СНК	C.BANKS	S	1
CLASS	UNITS MILL	IMETERS	SCALE	NTS	<sup>SIZE</sup> D	1
	SHEET	1	DATE	2018-10-	29	1
SHIP 1	DWG NO A01-MIDSHIP PACKAGE-001 REV A				L	
1	1			12		Г

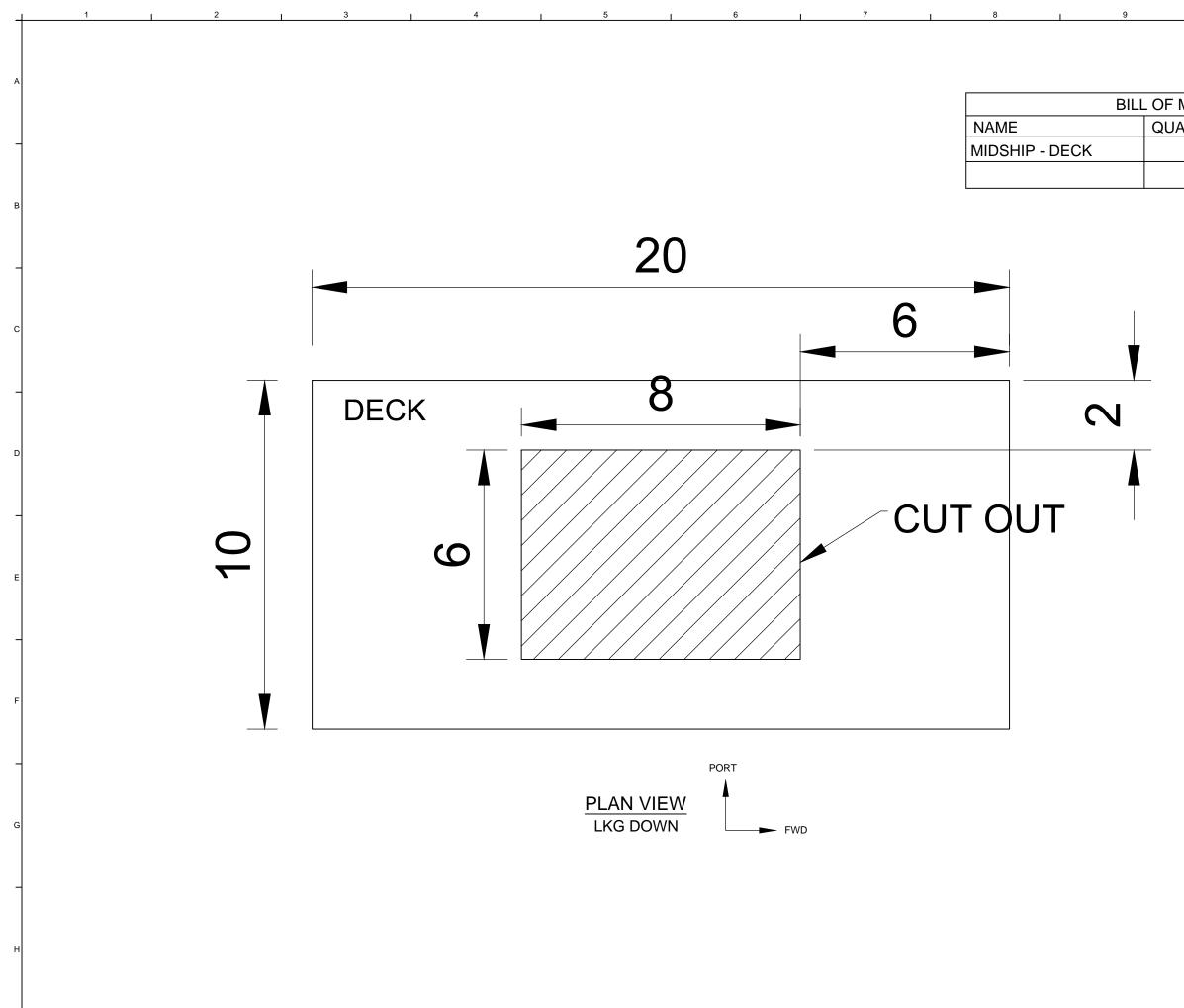


10	11	12	L

		А
MATERI	ALS	
ANTITY	MATERIAL DESCRIPTION	
1	0.5CM THICK FOAM BOARD	F

### NOTES: 1. ALL DIMENSIONS IN CENTIMETERS

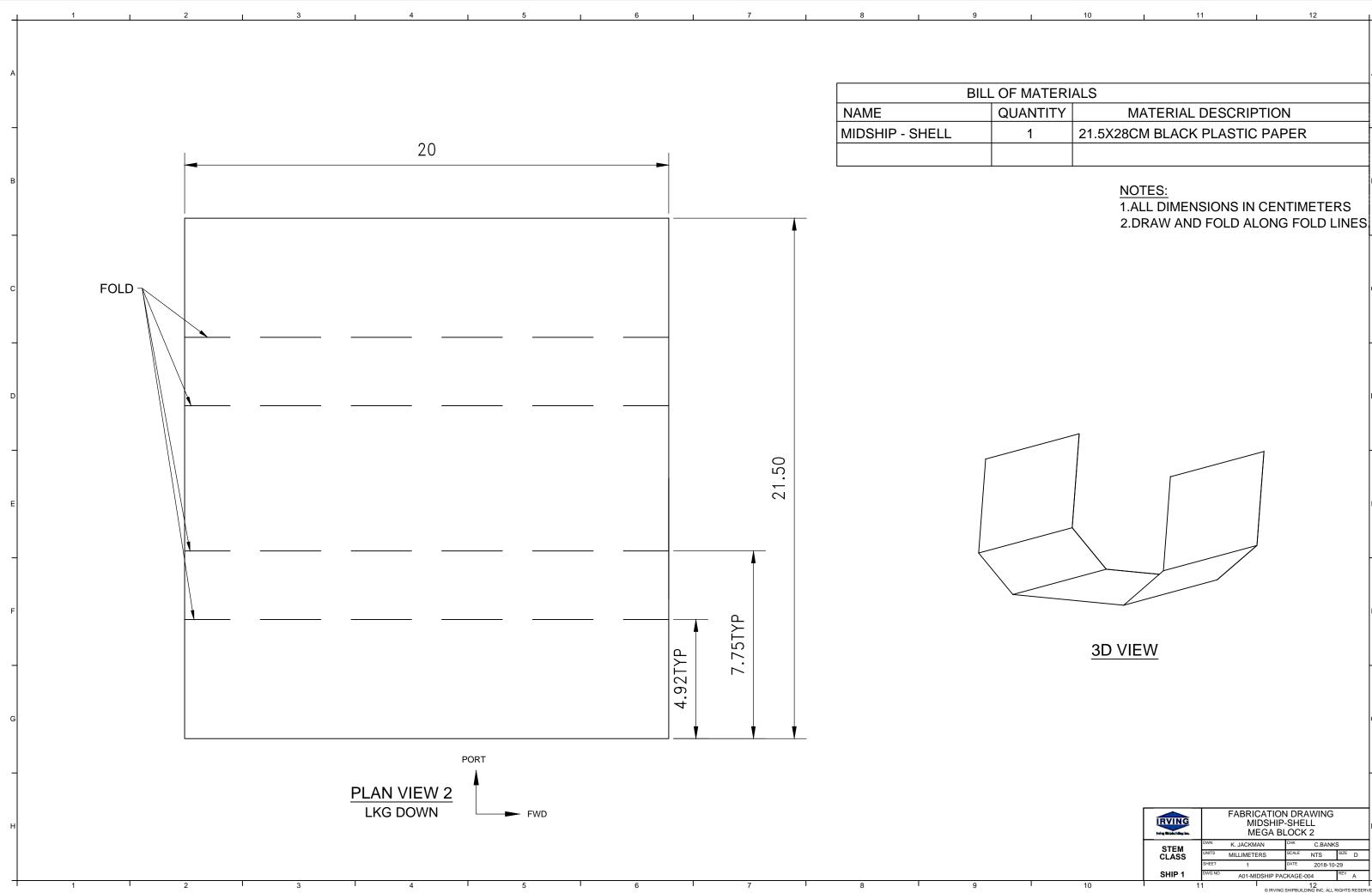
IRVING Infra Bilphelidag Inc.	MIDSHIP-LONGITUDINAL BULKHEAD MEGA BLOCK 2				н		
STEM	DWN K. JACKMAN CHK C.BANKS				S		
CLASS	UNITS	UNITS MILLIMETERS		SCALE	NTS	<sup>SIZE</sup> D	1
	SHEET	SHEET 1		DATE	2018-10-	29	1
SHIP 1	DWG NO A01-MIDSHIP PACKAGE-002 RE			REV A	1		
1 1	1 12 12 12 12 12 12 12 12 12 12 12 12 12				► /ED		



10	11	L 12 I	
			-

		A
MATERI	ALS	1
ANTITY	MATERIAL DESCRIPTION	
1	0.5CM THICK FOAM BOARD	F
	<u>NOTES:</u> 1. ALL DIMENSIONS IN CENTIMETERS	В
		c
		_

IRVING Integ Bilpheldag Inc.	FABRICATION DRAWING MIDSHIP - DECK MEGA BLOCK 2				н		
STEM	DWN K. JACKMAN CHK C.BANKS				S		
CLASS	UNITS	UNITS MILLIMETERS		SCALE	NTS	<sup>SIZE</sup> D	
	SHEET 1			DATE	2018-10-	29	1
SHIP 1	DWG NO A01-MIDSHIP PACKAGE-003			<sup>REV</sup> A	L		
1	1		© IRVING	SHIPBUILD	12 DING INC. ALL F	RIGHTS RESERV	/ED

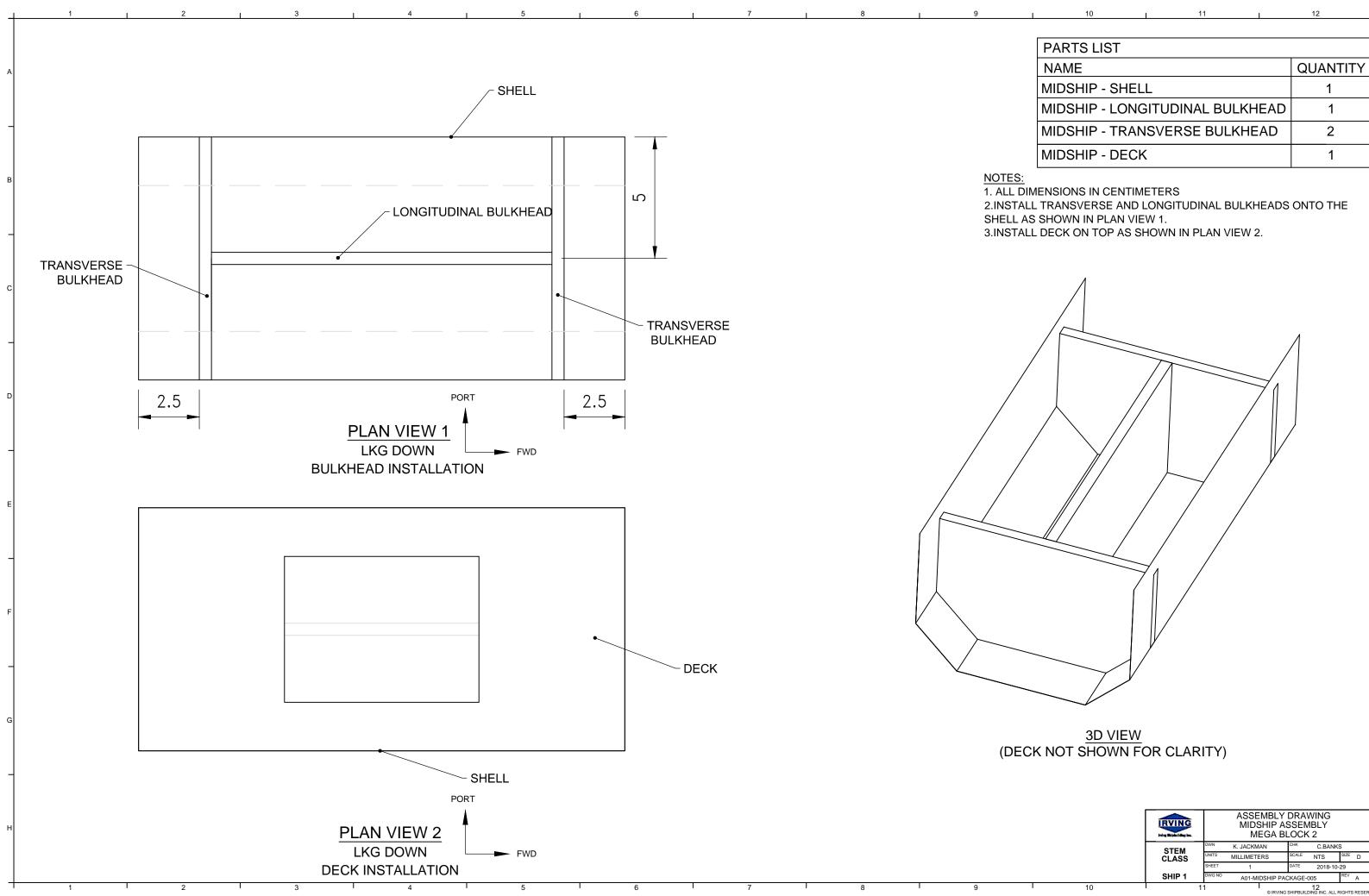


		1

		А
MATERI	ALS	
ANTITY	MATERIAL DESCRIPTION	
1	21.5X28CM BLACK PLASTIC PAPER	F
	<u>NOTES:</u> 1.ALL DIMENSIONS IN CENTIMETERS	в

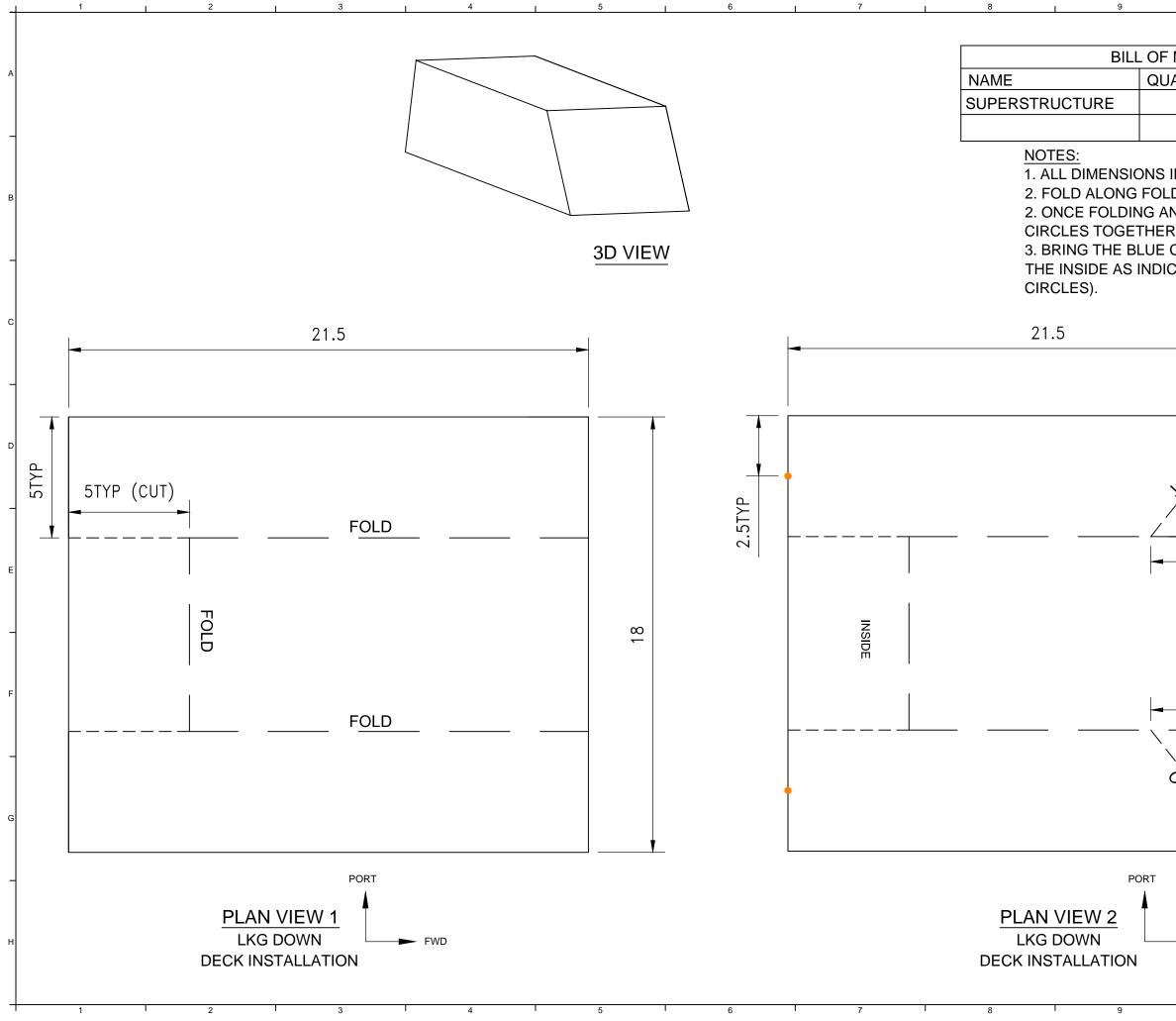
			CATION DSHIP EGA BL	SHE	LL			н
STEM	DWN	K. JACKM	AN	CHK C.BANKS				
CLASS	UNITS	MILLIMETE	RS	SCALE	NTS	SIZE	D	
	SHEET	1		DATE 2018-10-29				
SHIP 1	DWG NO	A01-MIDSHIP PACKAGE-004				REV	A	
1	1				10			

© IRVING SHIPBUILDING INC. ALL RIGHTS RESERVED



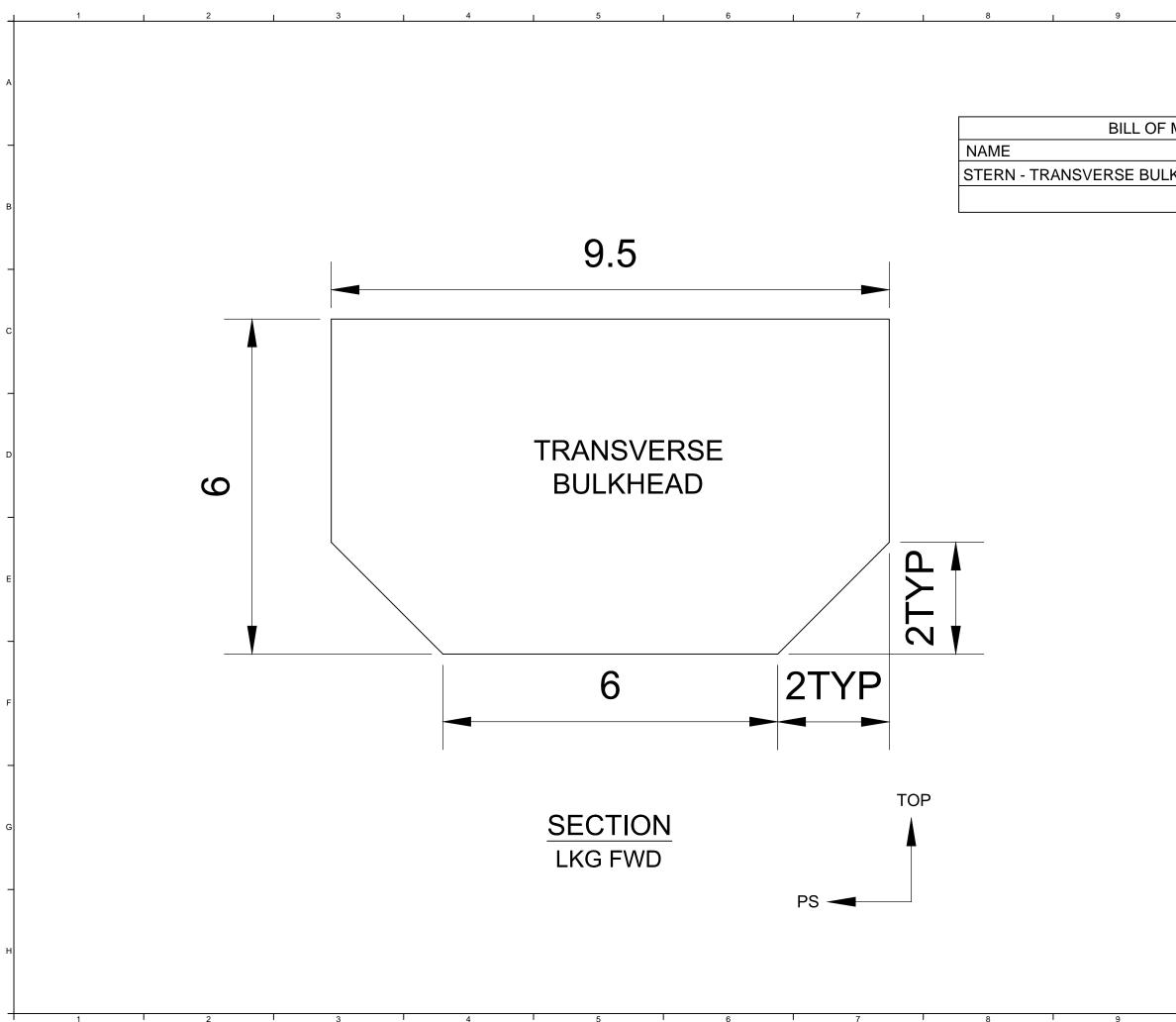
10	11

PARTS LIST	
NAME	QUANTITY
MIDSHIP - SHELL	1
MIDSHIP - LONGITUDINAL BULKHEAD	1
MIDSHIP - TRANSVERSE BULKHEAD	2
MIDSHIP - DECK	1



1	10	11	12	L

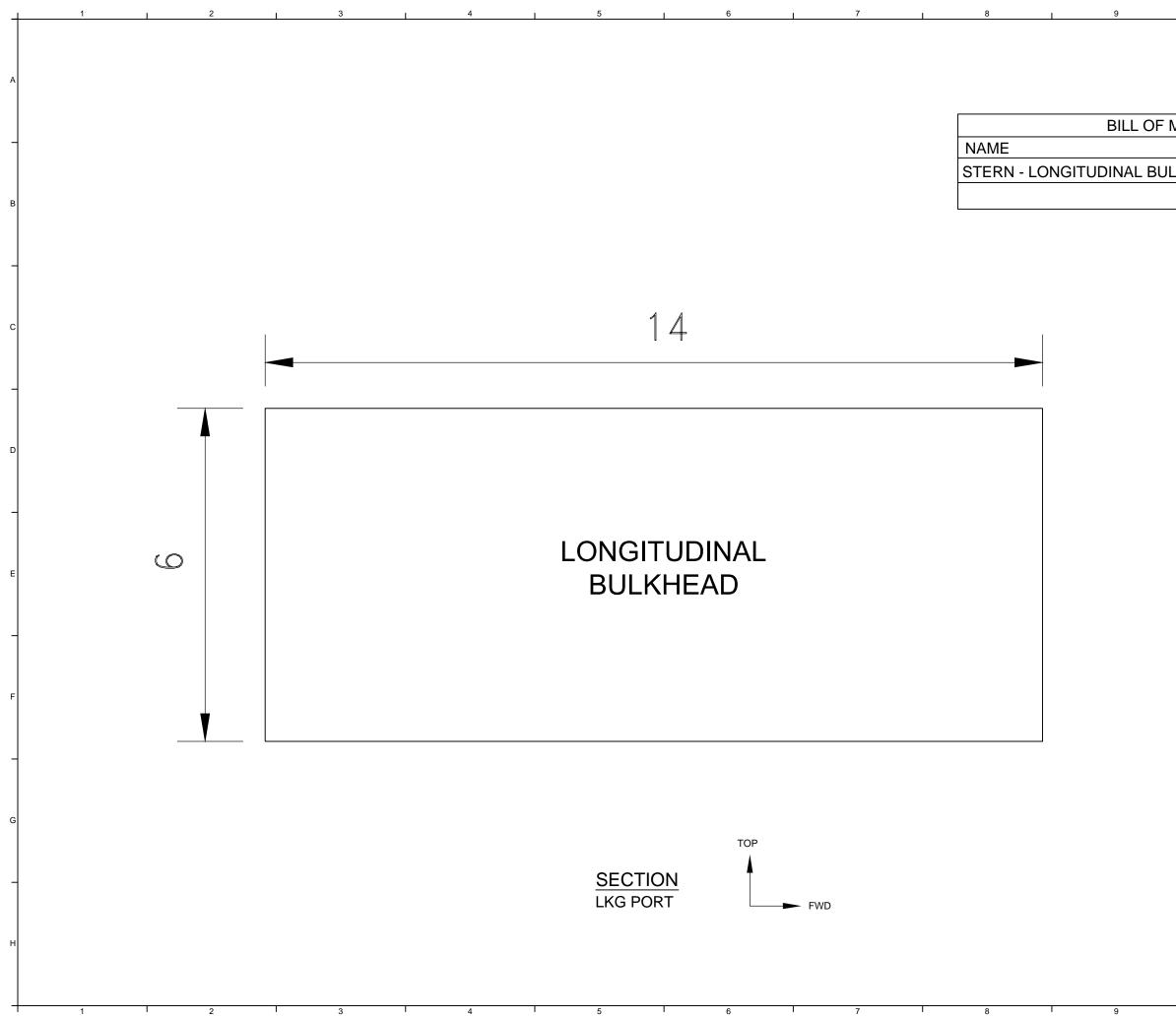
	10	1 1	1 1	12	
					T
MATERI	ALS				
IANTITY	MATI	ERIAL DE	SCRIPTION	N	
1	21.5X28CI	M BLACK	PLASTIC P	PAPER	
	METERS			<b>N</b> 1	
	AND CUT S				в
	HE MIDDLE			ONNIOL	
				TRIANGLES ON	۱L
CATED.D	O THE SAM	E WITH T	HE OTHER	SIDE (PINK	
					с
	2.5				
		Ļ			Γ
	X//	<u> </u>	_		
, k					D
2/	NON NON				
S/	/ ×				
/	INISIDE				F
6.	5				
					E
		18			╞
6.	5				F
0.					
	INSIDE				
$\backslash$		VIEW			╞
ĊĹ,					
	SEMOX				
X					G
		¥	_		
	2.5				╞
					-
- FWD		IRVING			н
		STEM CLASS	DWN K. JACKMAN	CHK C.BANKS SCALE NTS SIZE D	
		SHIP 1		IP PACKAGE-006 REV A	
	10	1 1	1	12 IRVING SHIPBUILDING INC. ALL RIGHTS RES	



1	10	11	12	
				-

			A	
MATERIA	_S			
	QUANTITY	MATERIAL DESCRIPTION	╞	
KHEAD	1	0.5CM THICK FOAM BOARD		
			в	
NOTES: 1. ALL DIMENSIONS IN CENTIMETERS				

IRVING Integ Bilpini dag Inc.	STE	FABRIO RN - TR M		RSE	BULKH	IEAD	н
STEM	DWN	DWN K. JACKMAN			CHK C.BANKS		
CLASS	UNITS	MILLIMETE	ERS	SCALE	NTS	<sup>SIZE</sup> D	
	SHEET	1		DATE	2018-10-	29	1
SHIP 1	A01-STERN PAC			KAGE-0	01	REV A	1
1 11			© IRVING	SHIPBUILI	12 DING INC. ALL F	RIGHTS RESER	VED

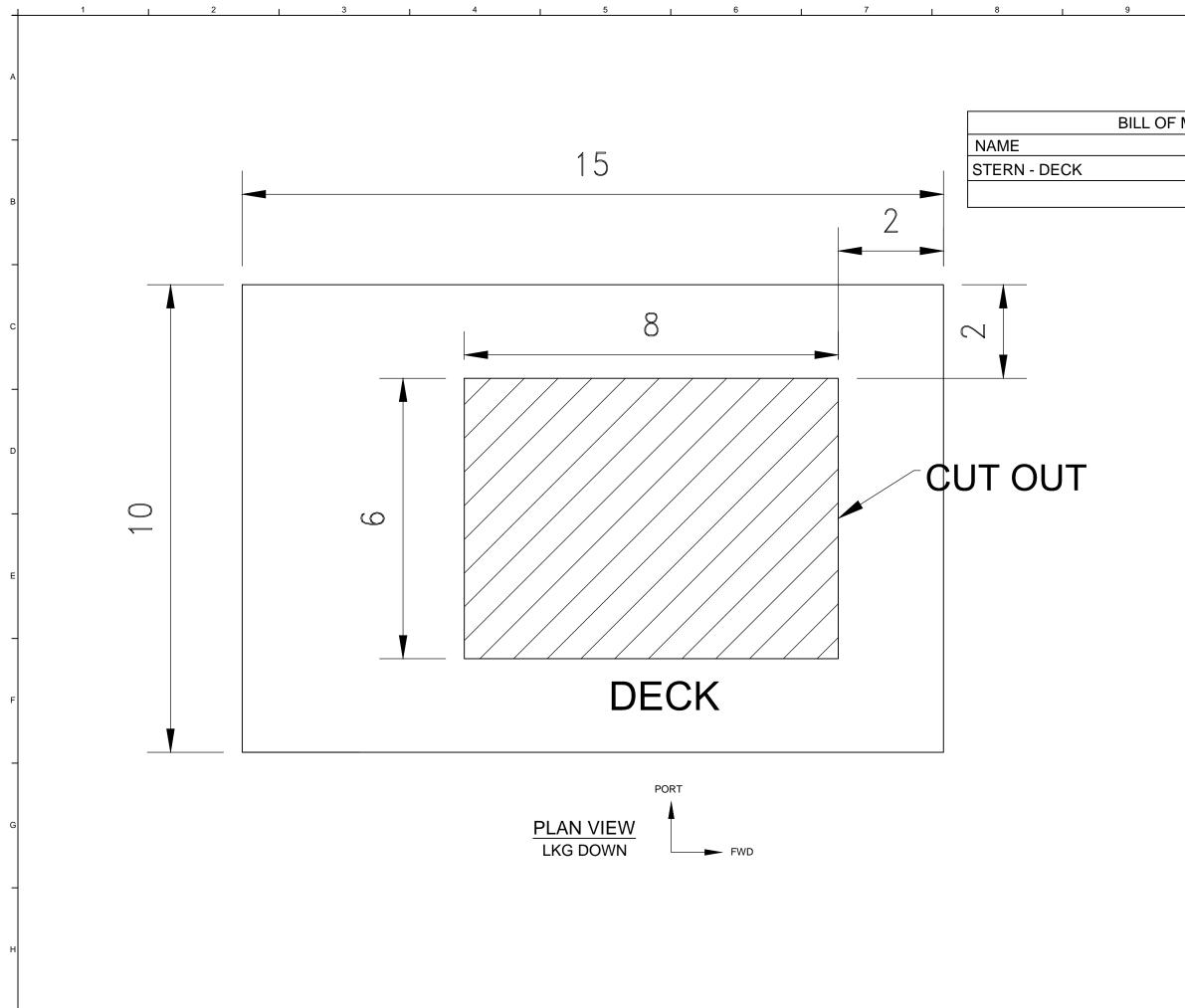


- 1	10	11	12

MATERIA	_S		
	QUANTITY	MATERIAL DESCRIPTION	F
LKHEAD	1	0.5CM THICK FOAM BOARD	
			в

# NOTES: 1. ALL DIMENSIONS IN CENTIMETERS

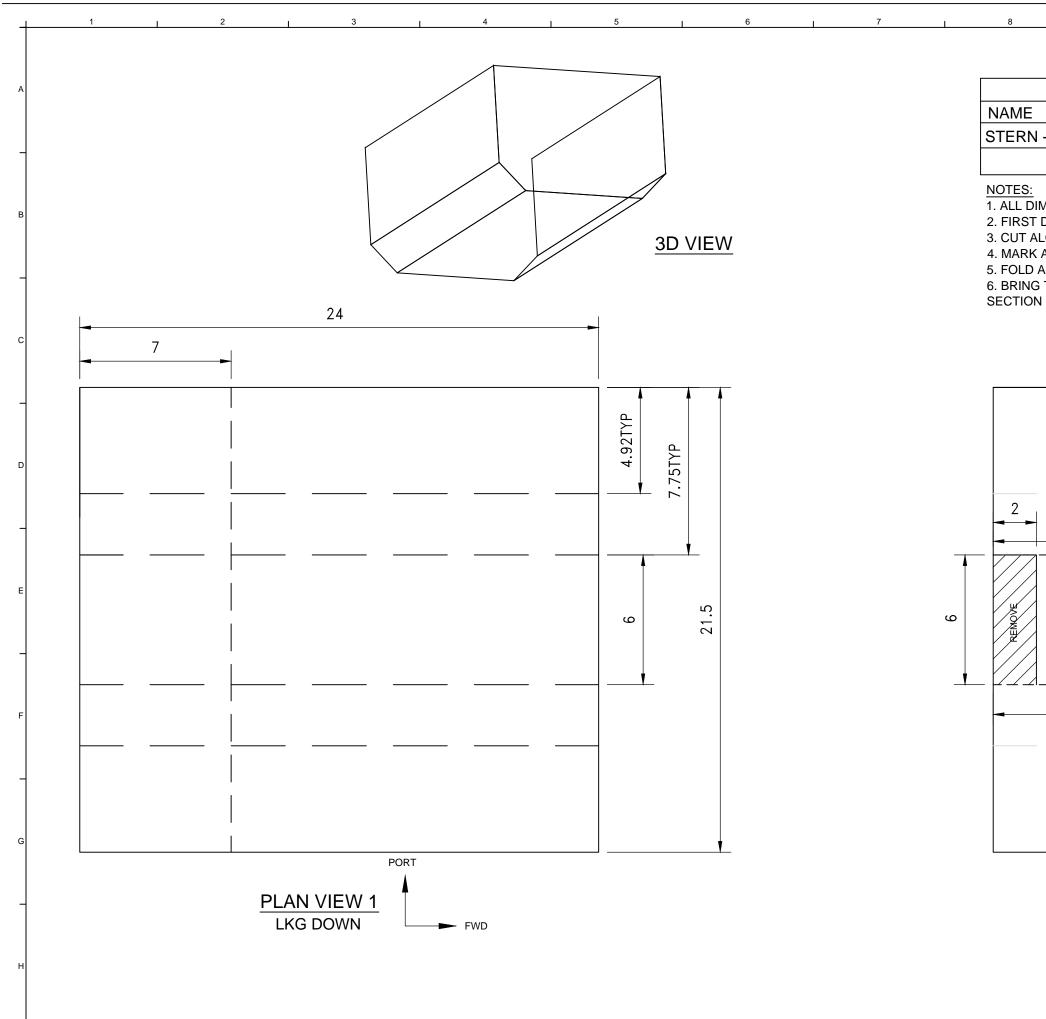
	STEF	FABRICATION DRAWING STERN - LONGITUDINAL BULKHEAD MEGA BLOCK 1					
STEM	DWN	K. JACKM	AN	СНК	C.BANK	(S	
CLASS	UNITS	MILLIMETE	ERS	SCALE	NTS	SIZE D	1
	SHEET	1		DATE	2018-10	)-29	1
SHIP 1	A01-STERN PAC			KAGE-0	02	REV A	1
1	1		@ IDV/INC	CHIDDUIU	12		T



10	11	12	
			-

			А		
MATERIA	_S				
	QUANTITY	MATERIAL DESCRIPTION	╞		
	1	0.5CM THICK FOAM BOARD			
			В		
NOTES: 1. ALL DIMENSIONS IN CENTIMETERS					

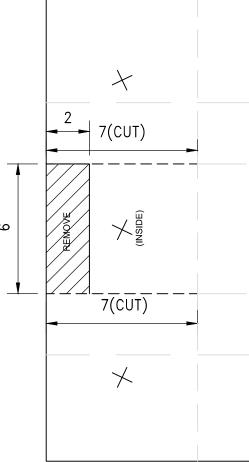
IRVING Integ Bilpinidag Inc.		S	TERN -	N DRAWING - DECK LOCK 1			н
STEM	DWN	K. JACKM	AN	СНК	C.BANK	S	
CLASS	UNITS	TS MILLIMETERS		SCALE	NTS	<sup>SIZE</sup> D	]
	SHEET	1		DATE	2018-10	-29	1
SHIP 1	DWG NO A01-STERN PAC		KAGE-0	03	REV A	1	
1 1	11		© IRVING	SHIPBUIL	12 DING INC. ALL	RIGHTS RESER	√ED



2

## **BILL OF** QUA STERN - SHELL

1. ALL DIMENSIONS IN CENTIMETE 2. FIRST DRAW ALL THE FOLD LINE 3. CUT ALONG THE LINES SHOWN 4. MARK AN X IN THE CENTER OF 5. FOLD ALONG THE FOLD LINES. 6. BRING THE END SECTIONS TOO SECTION ON THE INSIDE.



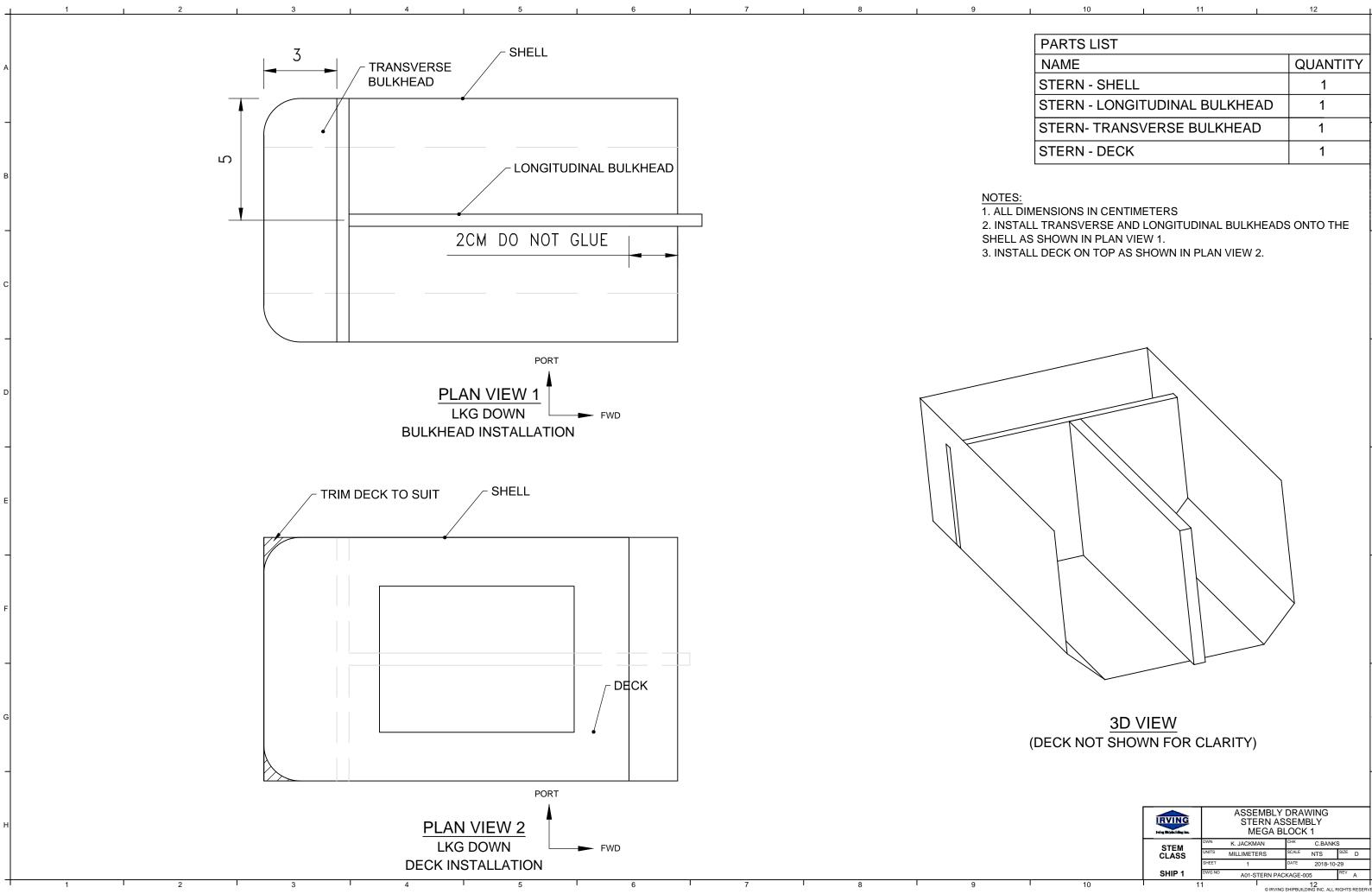
8

. 10	. 11	. 12 .
10	11	12

OF MATERI	ALS				A
QUANTITY	N	IATERIAL	DESCRIPTION	N	1
1	21.5X28C	M BLACK	PLASTIC PAF	PER	
					$\mathbf{F}$
					1
WN IN PLAN V	/IEW 2.		NOT FOLD YET.		в
OF THE THRE ES.	E END SECT	IONS.			
	O THAT THE	X'S ALL OVE	RLAP, WITH THE	MIDDLE	
					с
					-
					D
					Γ
					E
					F
					F
					F
					G
	POR	Т			
PLAN VI	EW 2				L
LKG DO			)		
			FABRICATION		
		IRVING	STERN - MEGA BL	LOCK 1	н
		STEM CLASS	UNITS MILLIMETERS	SCALE NTS SIZE D	
		SHIP 1	SHEET 1 DWG NO A01-STERN PAC	2010 10 20	

10

A01-STERN PACKAGE-004



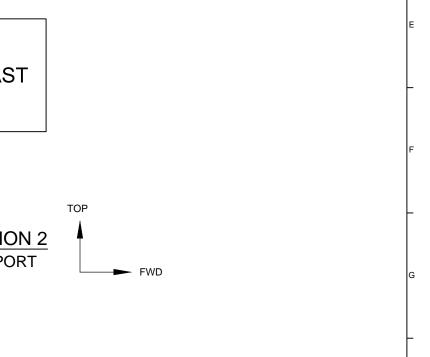
10	11	12

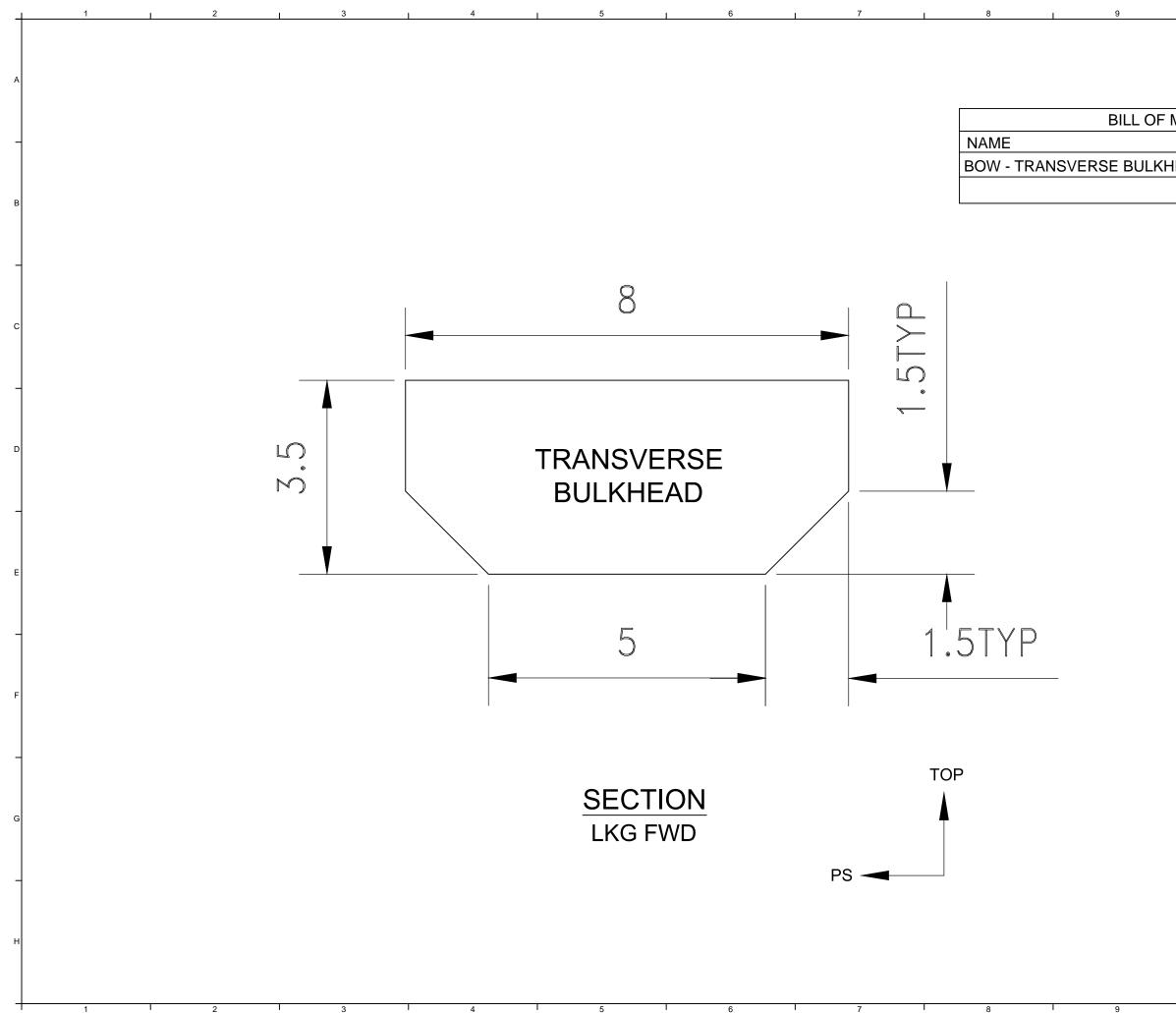
PARTS LIST	
NAME	QUANTITY
STERN - SHELL	1
STERN - LONGITUDINAL BULKHEAD	1
STERN- TRANSVERSE BULKHEAD	1
STERN - DECK	1

IRVING Highlight dag inc.		ASSEMBLY DRAWING STERN ASSEMBLY MEGA BLOCK 1					Н
STEM	DWN	DWN K. JACKMAN		CHK C.BANKS		(S	
CLASS	UNITS	MILLIMETE	ERS	SCALE	NTS	<sup>SIZE</sup> D	1
	SHEET	1		DATE	2018-10	-29	1
SHIP 1	DWG NO	A01-STERN PAC		KAGE-0	05	REV A	1
11			1		12		Г

 1 1	2	3	4	5	6 7	8	9	10 11 12
							BILL OF MATER	
						NAME	QUANTITY	
						MAST	1	21.5X28CM BLACK PLASTIC PAPER
							<u>)TES:</u> ALL DIMENSIONS IN CENT	IMETERS
						2. F	ROLL THE PAPER OVERLA	APPING THE BLACK DOTS. RACE A CIRCLE FOR THE TOP.
						4. I	INSTALL FLAG ON TOP.	
		10						
				-				
<del></del>	 							
<b>≜</b>							MAST	
Ŋ								
	Ī			Ţ				
			ТОР		1	PORT		ТОР
		SECTION	1		PLAN VIEW	4	SECTION 2	
		LKG PORT			LKG DOWN	FWD	LKG PORT	FWD
								ASSEMBLY DRAWING MAST ASSEMBLY
								DWN         K. JACKMAN         CHR         C.BANK           CLASS         UNITS         MILLIMETERS         SCALE         NTS
								CLASS MILLIMITERS 1015 SHEP 1 DATE 2018-10 DATE 2018-10 DWG NO A01-STERN PACKAGE-006
1	<u>2</u> I	3 1	4	5 1	6 I 7	1 8	9	10 11 12 o invince solutions inc. all

ı	10	11	12



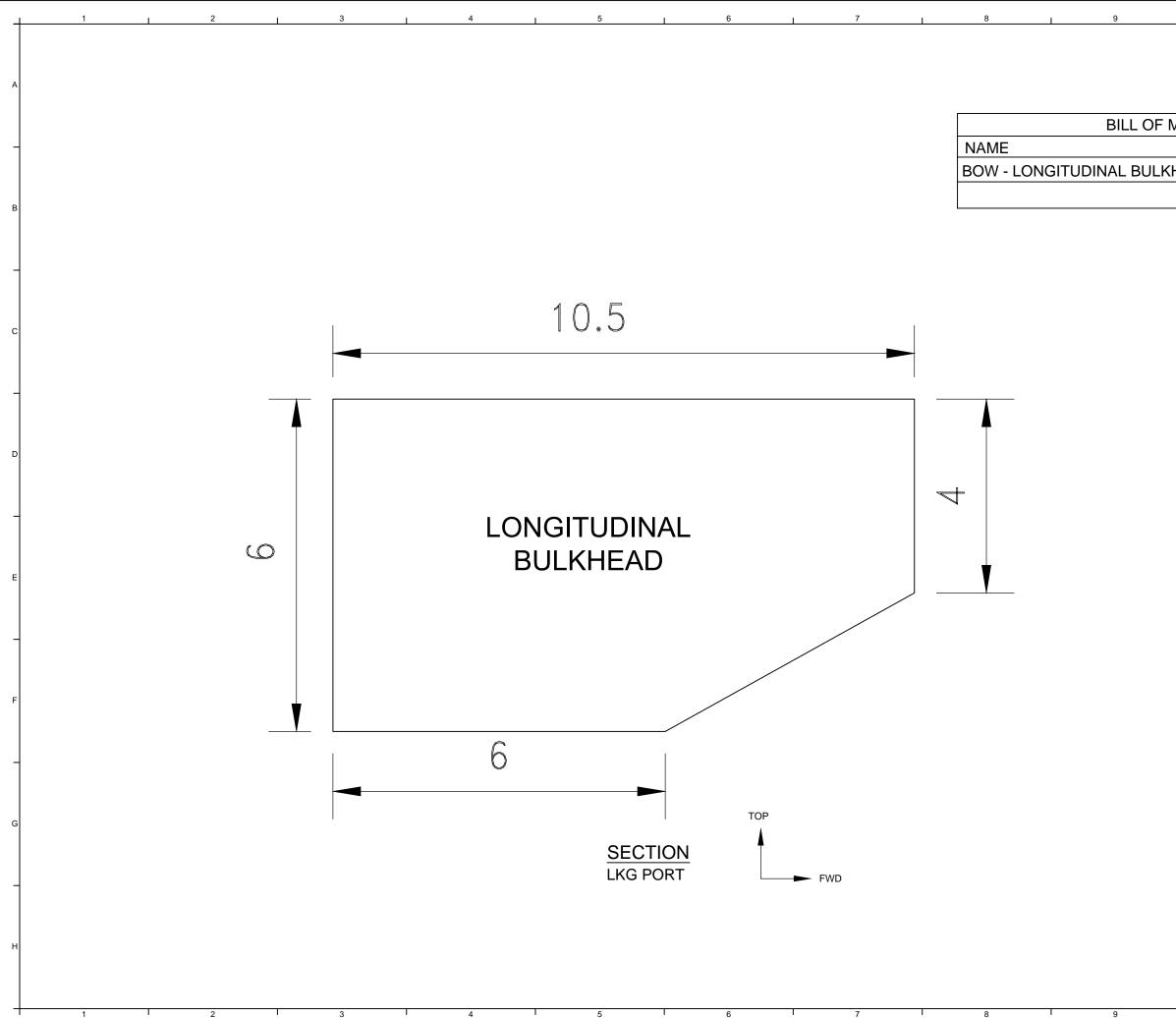


1	10	11	12	
				_

MATERIALS							
	QUANTITY	MATERIAL DESCRIPTION	╞				
HEAD	1	0.5CM THICK FOAM BOARD					
NOTES:							

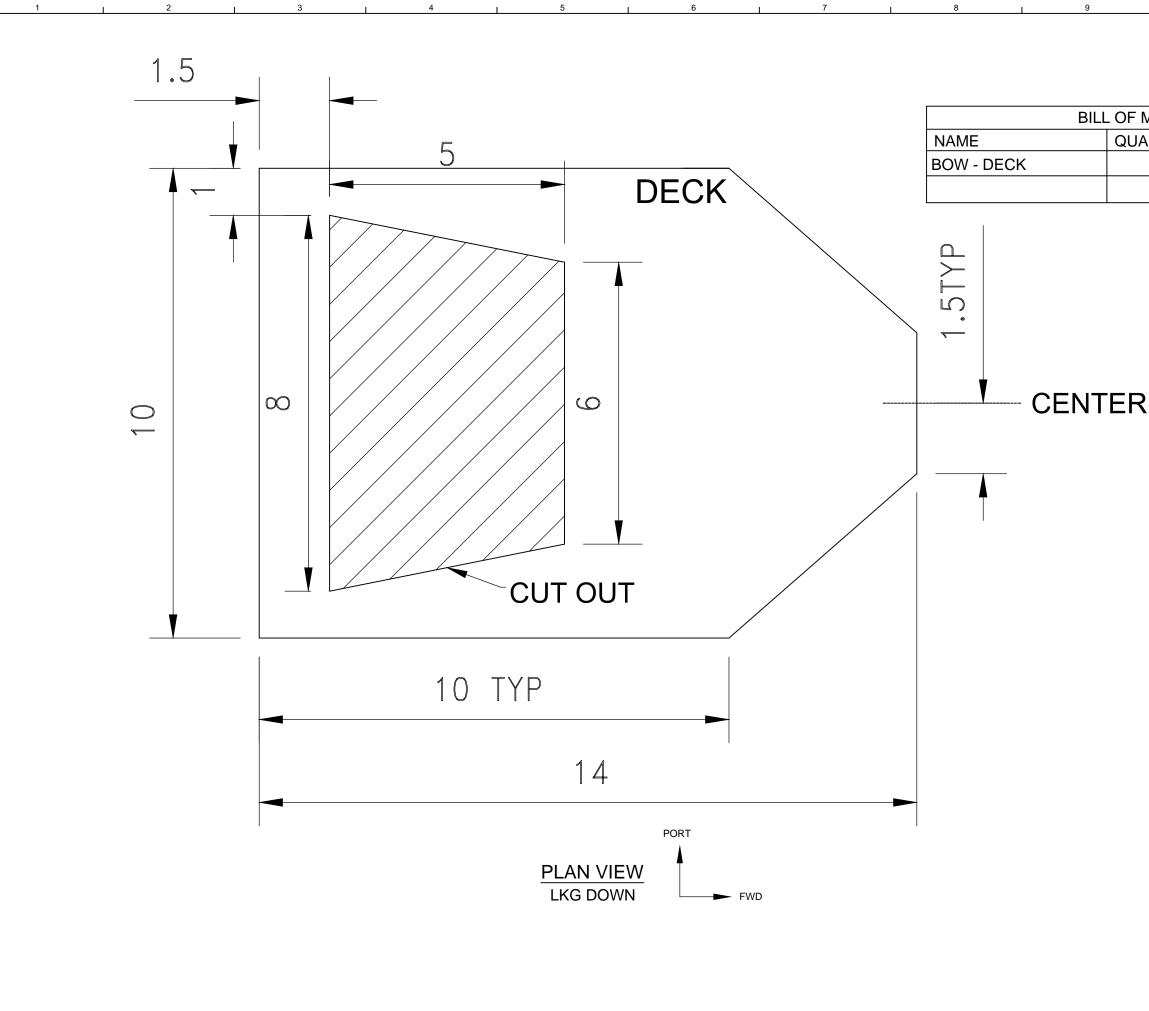
### 1. ALL DIMENSIONS IN CENTIMETERS

IRVING Integ Bilphelidag Inc.	во	FABRICATION DRAWING BOW - TRANSVERSE BULKHEAD MEGA BLOCK 3					
STEM	DWN K. JACKMAN			C.BANKS			
CLASS	UNITS	UNITS MILLIMETERS			NTS	<sup>SIZE</sup> D	1
	SHEET	1		DATE	2018-10	)-29	1
SHIP 1	DWG NO	DWG NO A01-BOW PACKAGE-001				REV A	1
1 <sub>1</sub>	1		@ IDV/INC	CHIDDUIU	12		T



I	10	11	l	12	
					А
MATERIA	S				
	-				
	QUANTITY	MATERIAL DE	SCRIPT	ΓΙΟΝ	⊢
KHEAD	1	0.5CM THICK F	OAM B	OARD	
	NOTES	S:			В
	1. ALL	DIMENSIONS IN		METERS	
					Γ

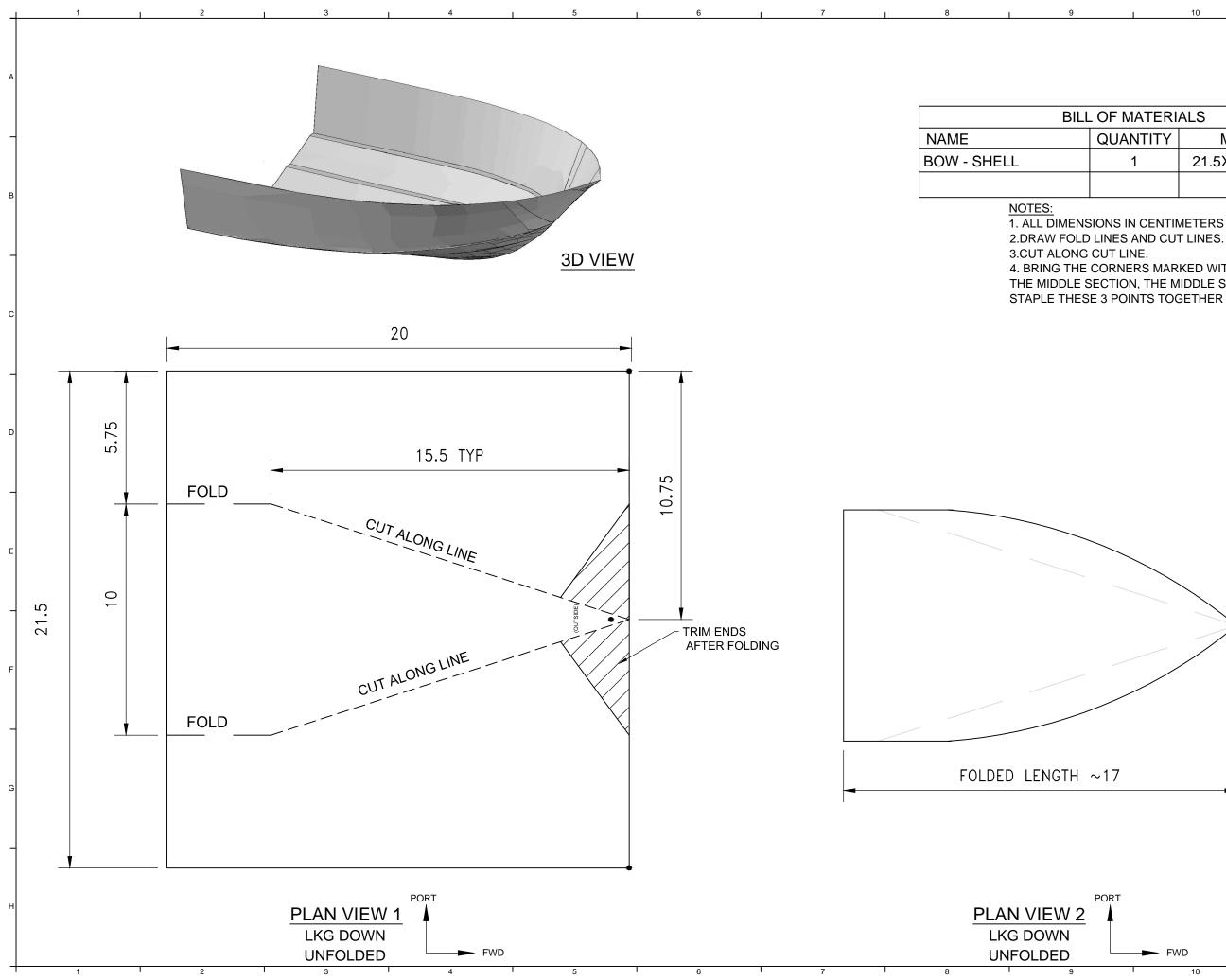
IRVING Inter Hipkeldag Inc.	BO\	FABRICATION DRAWING BOW - LONGITUDINAL BULKHEAD MEGA BLOCK 3				
STEM	DWN	K. JACKMAN	СНК	CHK C.BANKS		
CLASS	UNITS	MILLIMETERS	SCALE	NTS	<sup>SIZE</sup> D	1
	SHEET	1	DATE	2018-10	-29	1
SHIP 1	DWG NO	DWG NO A01-BOW PACKAGE-002				1
				RIGHTS RESERV		



10	11	12	

		A
MATERI	ALS	1
ANTITY	MATERIAL DESCRIPTION	}
1	0.5CM THICK FOAM BOARD	
		В
	<u>NOTES:</u> 1. ALL DIMENSIONS IN CENTIMETERS	
		С
<b>`</b>		-
K		
		D
		+
		E

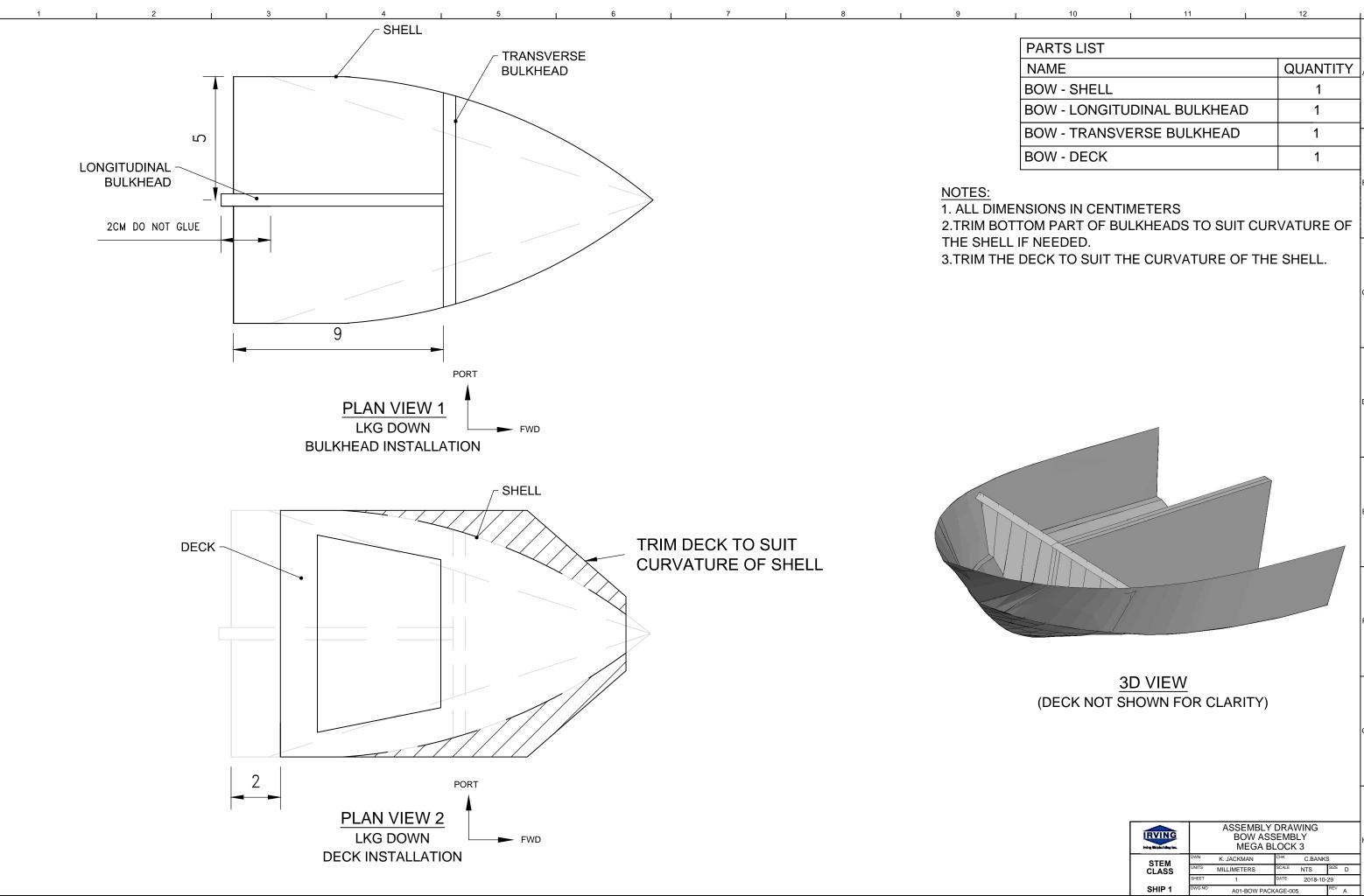
	FABRICATION DRAWING BOW - DECK MEGA BLOCK 3					н	
STEM	DWN K. JACKMAN			CHK C.BANKS			
CLASS	UNITS	MILLIMETE	RS	SCALE	NTS	<sup>SIZE</sup> D	
	SHEET	1		DATE	2018-10-	-29	
SHIP 1	DWG NO	A01-BOW PACKAGE-003			<sup>REV</sup> A	7	
11			© IRVING	SHIPBUILD	12 DING INC. ALL F	RIGHTS RESE	RVED



I	10	11		I	12	L
						А
MATERI	ALS					
ANTITY	MATE	RIAL DESC	RIPTI	NC		}-
1	21.5X28C	M BLACK P	LASTI	C PAPE	R	
						B

4. BRING THE CORNERS MARKED WITH A CIRCLE TOGETHER TO OVERLAP, WITH THE MIDDLE SECTION, THE MIDDLE SECTION SHOULD BE ON THE OUTSIDE. STAPLE THESE 3 POINTS TOGETHER FIRST, THEN GLUE.

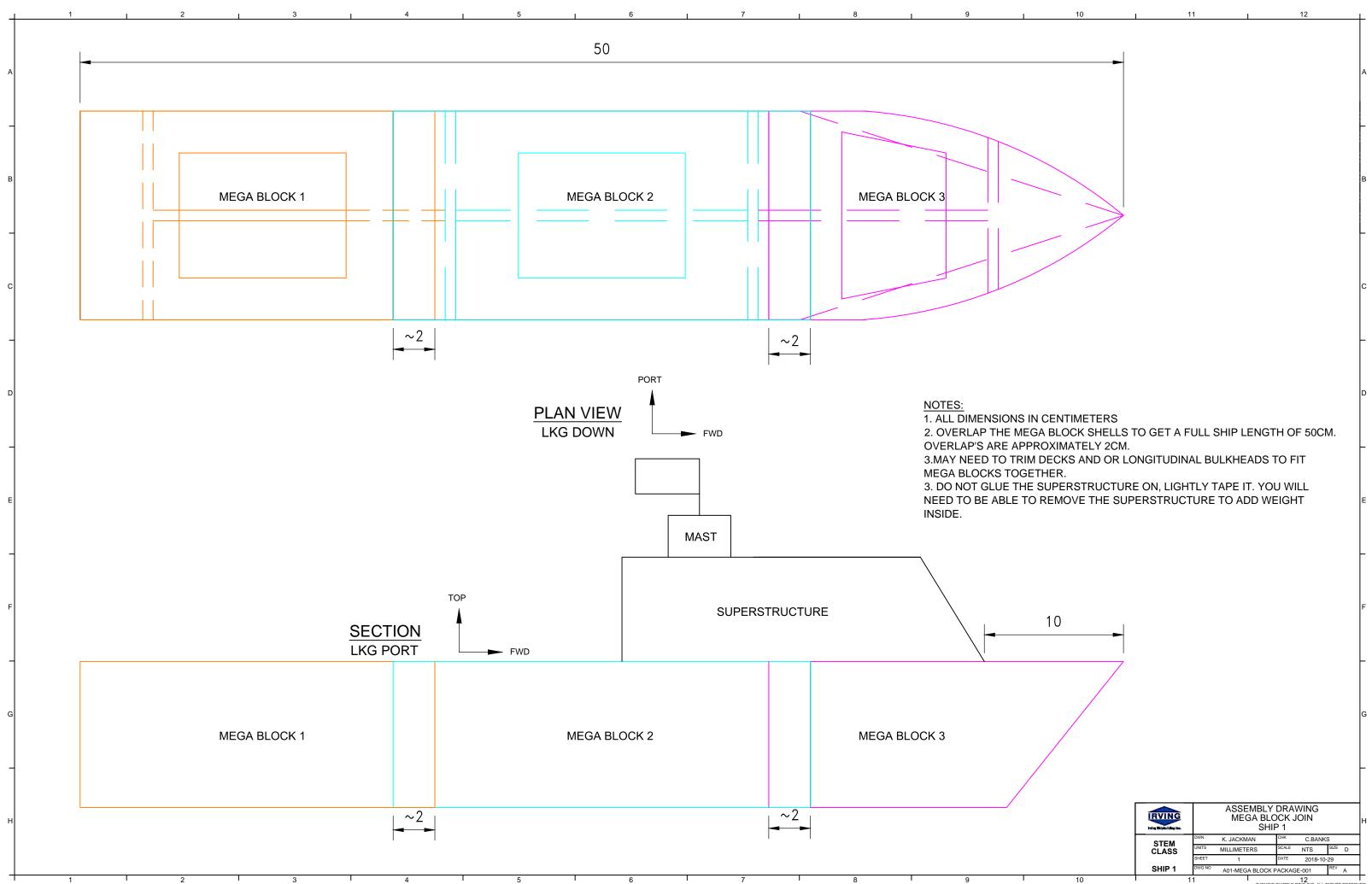
		FWD							
								н	
	STEM	DWN	K. JACKM	AN	СНК	C.BAN	(S		]
	CLASS	UNITS	MILLIMETE	RS	SCALE	NTS	SIZE	D	
- FWD		SHEET	1		DATE	2018-10	)-29		
	SHIP 1	DWG NO	A01-E	BOW PACK	AGE-00	4	REV	A	]
10	1	1		© IRVING	SHIPBUILI	12 DING INC. ALL	RIGHTS	RESER	VED



		10	
10	11	12	

PARTS LIST	
NAME	QUANTITY
BOW - SHELL	1
BOW - LONGITUDINAL BULKHEAD	1
BOW - TRANSVERSE BULKHEAD	1
BOW - DECK	1

IRVING Integ Bilphelidag Inc.		ASSEMBLY DRAWING BOW ASSEMBLY MEGA BLOCK 3				
STEM	DWN	DWN K. JACKMAN		CHK C.BANKS		
CLASS	UNITS	MILLIMETERS	SCALE	NTS	<sup>SIZE</sup> D	1
	SHEET	1	DATE	2018-10-	-29	1
SHIP 1	DWG NO	A01-BOW PACKAGE-005				1
1 .	11	© IRVING SHIPBUILDING INC. ALL RIGHTS RESERV				



© IRVING SHIPBUILDING INC. ALL RIGHTS RES