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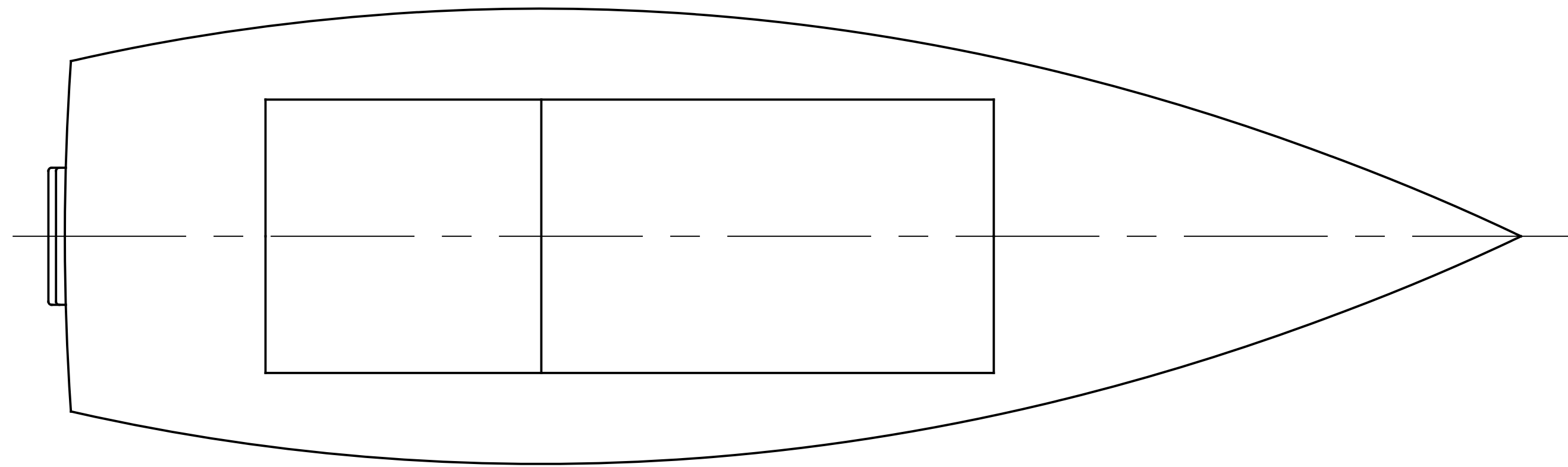
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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	ADDED SPECIFICATION TABLE	07/07/20	JJS

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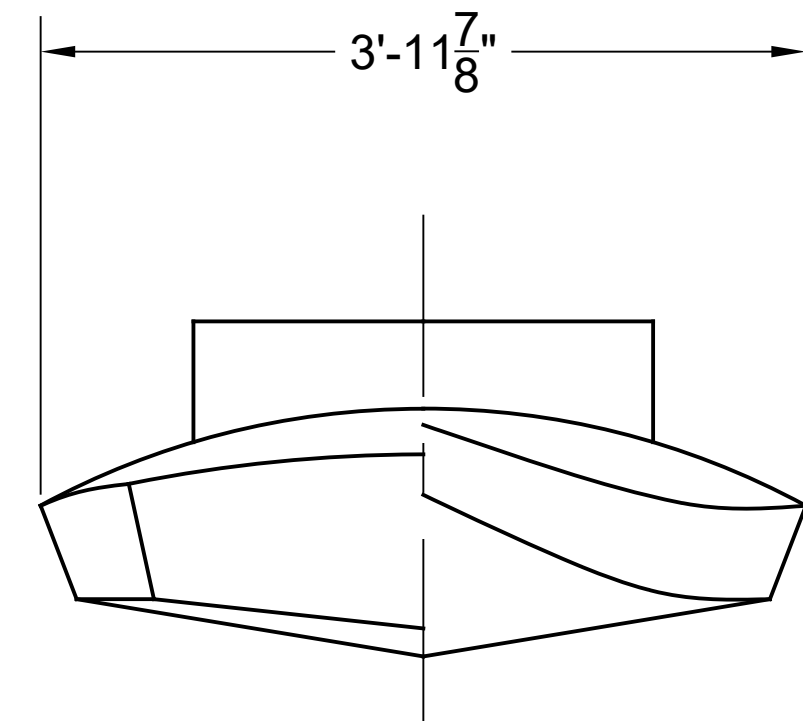
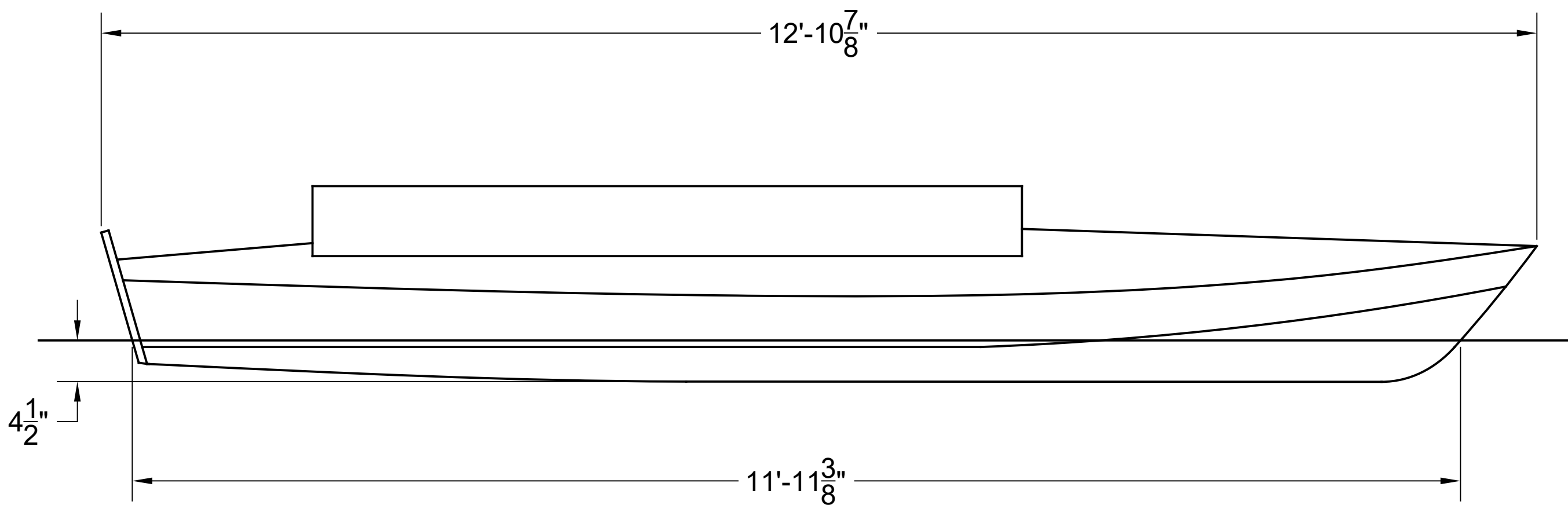


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SPECIFICATIONS	
MAX. DISPLACEMENT	850 LBS
HULL WEIGHT	190 LBS
MAXIMUM HP	7.5 HP
RECOMMENDED HP	4 HP

 Spira International, Inc. Huntington Beach, California		
MARSH RAT 13' ULTRALIGHT HUNTING BOAT		
DRAWN BY: J. SPIRA	DATE: 03/26/06	DRAWING NO. MARS01
SCALE 1" = 1'	SHEET OF	

4

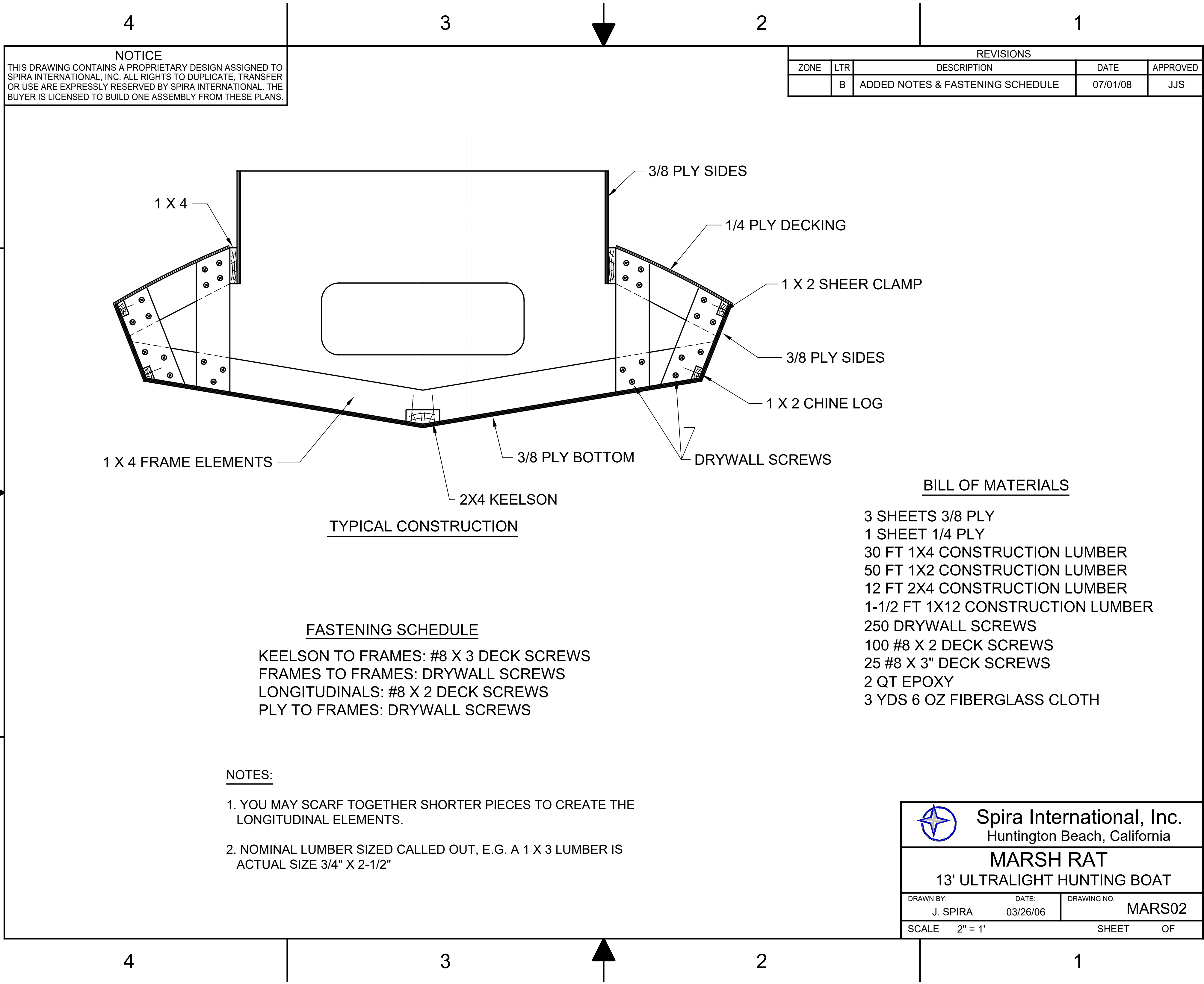
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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	B	ADDED NOTES & FASTENING SCHEDULE	07/01/08	JJS


TYPICAL CONSTRUCTION

FASTENING SCHEDULE
 KEELSON TO FRAMES: #8 X 3 DECK SCREWS
 FRAMES TO FRAMES: DRYWALL SCREWS
 LONGITUDINALS: #8 X 2 DECK SCREWS
 PLY TO FRAMES: DRYWALL SCREWS

- NOTES:
1. YOU MAY SCARF TOGETHER SHORTER PIECES TO CREATE THE LONGITUDINAL ELEMENTS.
 2. NOMINAL LUMBER SIZED CALLED OUT, E.G. A 1 X 3 LUMBER IS ACTUAL SIZE 3/4" X 2-1/2"

BILL OF MATERIALS

- 3 SHEETS 3/8 PLY
- 1 SHEET 1/4 PLY
- 30 FT 1X4 CONSTRUCTION LUMBER
- 50 FT 1X2 CONSTRUCTION LUMBER
- 12 FT 2X4 CONSTRUCTION LUMBER
- 1-1/2 FT 1X12 CONSTRUCTION LUMBER
- 250 DRYWALL SCREWS
- 100 #8 X 2 DECK SCREWS
- 25 #8 X 3" DECK SCREWS
- 2 QT EPOXY
- 3 YDS 6 OZ FIBERGLASS CLOTH

 Spira International, Inc. Huntington Beach, California		
MARSH RAT 13' ULTRALIGHT HUNTING BOAT		
DRAWN BY: J. SPIRA	DATE: 03/26/06	DRAWING NO. MARS02
SCALE 2" = 1'		SHEET OF