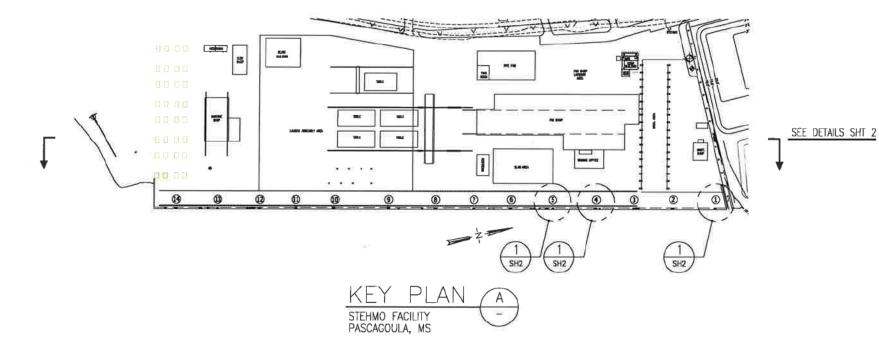
		BILL OF MATERIA	AL		
ITEM#	QTY	DESCRIPTION	MATERIAL	WEIGHT (Ibs)	STDB#
1	40 LF	PIPE CS 20IN SCH 60 A53 GRB SMLS	A53 GRB	628.80	202634
2	20 LF	PIPE CS 18IN SCH 60 A53 GRB SMLS	A53 GRB	282.80	222937
3	20 LF	PIPE CS 8IN SCH 80 A53 GRB SMLS	A53 GRB	86.86	222938
4	20 LF	PIPE CS 6IN SCH 80 A53 GRB SMLS	A53 GRB	186.00	219749
5	200 SQFT	PLATE 3/4IN	GRA	612.60	219752
6	80 LF	REBAR 3/4IN	CS	37.50	213913
			TOTAL WEIGHT (Ibs.)	1834.56	
			TOTAL WEIGHT (tons.)	0.917	

REV	SHT	REVISION
1	ALL	UPDATED DETAIL 6, 7 AND DETAIL 8. GENERATED DETAIL 9

		INDEX
SH	REV	DESCRIPTION
1	1	INDEX, BOM, KEY PLAN AND REVISIONS
2	1	DETAILS

	REFERENCES	
1	DOCK SIDE MOORING BITT REPAIR	S002-S-001-10
2	DOCK SIDE MOORING BITT REPAIR	F001-180-002



GENERAL NOTES

- 1. ALL MATERIAL GRADES SHALL BE ABS GR A OR EQUIVALENT UNLESS NOTED OTHERWISE.
- WHERE MATERIAL SIZES SHOWN ON THE DRAWINGS ARE NOT AVAILABLE, MATERIAL SIZES OF EQUAL OR GREATER STRENGTH MAY BE SUBSTITUTED. OWNER'S APPROVAL SHALL BE OBTAINED FOR ALL MATERIAL SUBSTITUTIONS.
- ALL TEMPORARY PADEYES, LUGS, SCABS AND SCARS SHALL BE REMOVED AND GROUND SMOOTH DURING THE COURSE OF CONSTRUCTION.
- 4. ALL SCALES INDICATED ARE APPROXIMATE ONLY. DO NOT SCALE ITEMS FROM THESE DRAWINGS. ALL DIMENSIONS SHALL BE FIELD VERIFIED ON DRILLING RIG WITH EXISTING DIMENSIONS PRIOR TO COMMENCING FABRICATION. THE PROJECT MANAGER SHALL BE NOTIFIED OF ANY NOTED VARIANCES FROM THE DRAWINGS.
- ALL FILLET WELDS TO BE CONTINUOUS AND HALF THE THICKNESS OF THE THINNEST MEMBER PLUS A 1/16", MINIMUM WELD SIZE TO BE 3/16" AS PER AWS, UNLESS OTHERWISE NOTED BUTT WELDS TO BE CONTINUOUS AND FULL STRENGTH AS PER AWS UNLESS OTHERWISE SPECIFIED.
- ALL WELDING INSPECTION SHALL BE PERFORMED BY THE FABRICATOR. THE REQUIRED INSPECTION SHALL MEET THE REQUIREMENTS OF AWS D1.1 FOR STRUCTURAL WELDING, ANSI B31.3 FOR PIPE AND ABS
- REMOVE ALL BURRS AND SHARP EDGES.
- 8. LAYOUT PLUG WELDS AND 8"PIPE CROSS ON 20" PIPE BOLLARD SLEEVE PRIOR TO BURNING PLUG WELDS TO VERIFY THERE IS NO INTERFERENCE WITH WELDING OF PLUGS. ADJUSTMENTS MAY BE MADE AT YARDS DISCRESTION.

0	TO THE TANK THE TANK	CONSTRUCTION	i		NN NN	DC DC	4-14-22 4-1-22	
NO.		REVISIO			BA.	CHK,D	DATE	APP. BY
_	T. DATE	INT.	E-WELD DATE:	POST INT.	DA	TE:	"AS-BI	DATE:
		424				_		-2_
	H	alte	r N	lar	in		&	
CUST	H	alte	r M	lar ho	in		&	
CUST	OMER,	alte	r N	lar ho	in		&	

PROJECT NO.

F001-160-111_R1.dwg

0M032

F001-180-111

ST ENGINEERING - DOCUMENT CONTROL
RECEIVED 14 APRIL 2022 BY LB
ORIGINALL-CONTROLLED DOCUMENT
ISSUED FOR CONSTRUCTION
BY: N. NARON F001-0004-22

