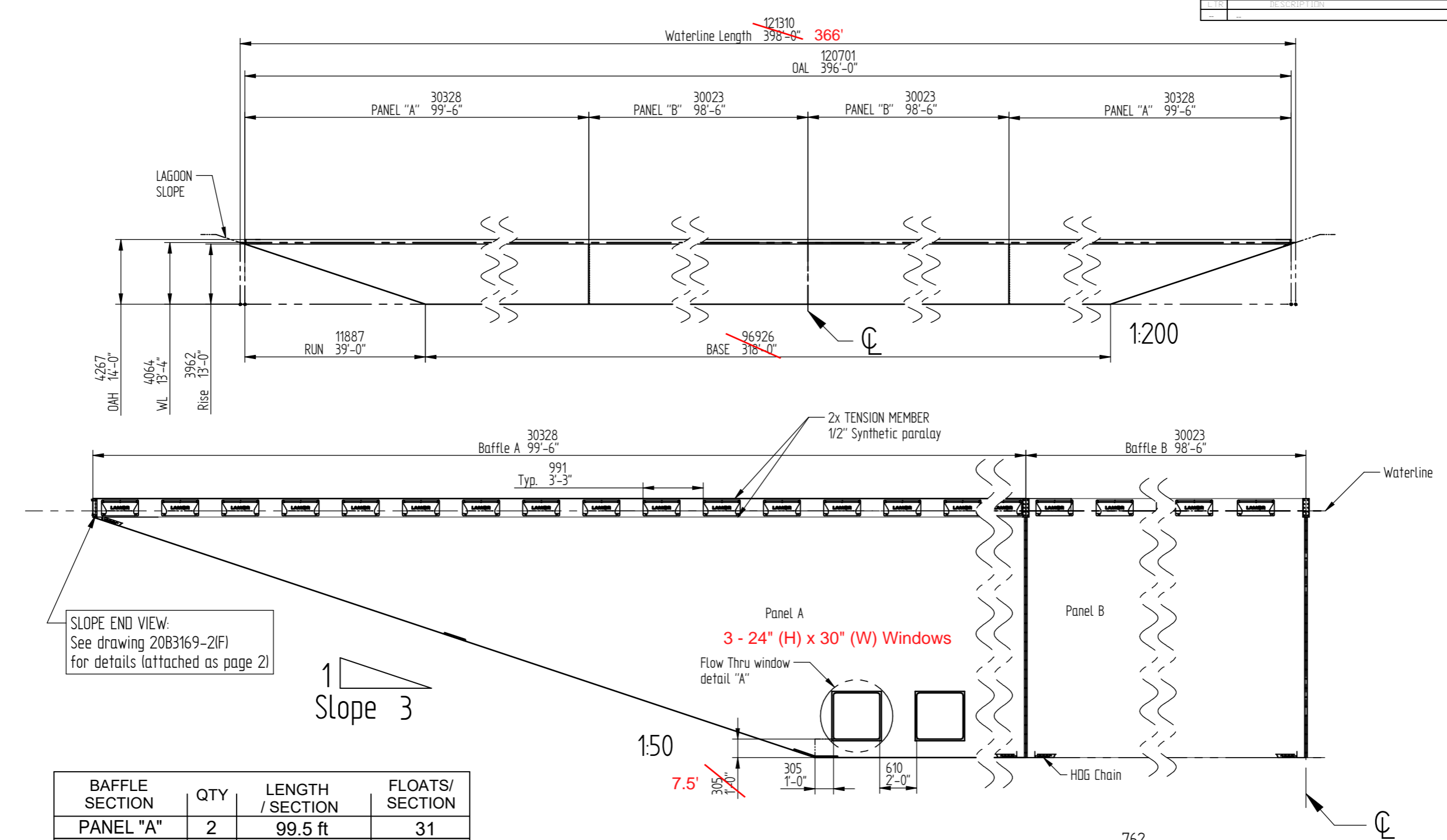
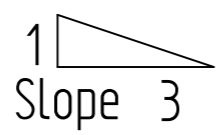


REV. NO.	DESCRIPTION	BY/DATE



BAFFLE SECTION	QTY	LENGTH / SECTION	FLOATS/ SECTION
PANEL "A"	2	99.5 ft	31
PANEL "B"	2	98.5 ft	30
TOTAL	1	396 ft	122

SLOPE END VIEW:
See drawing 20B3169-2(F)
for details (attached as page 2)

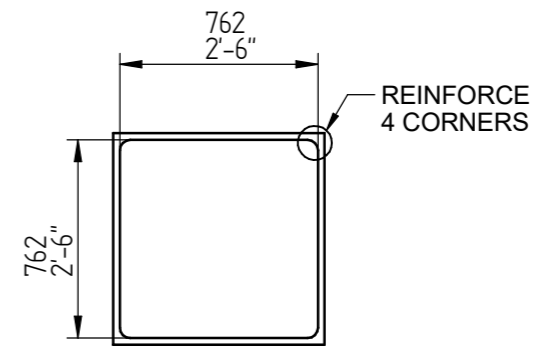


7.5' $\frac{305}{1'-0"} = 305$

SHOP DRAWING REVIEW
REVIEW IS FOR GENERAL COMPLIANCE
WITH CONTRACT DOCUMENTS
NO RESPONSIBILITY IS ASSUMED FOR
CORRECTNESS OF DIMENSIONS OR DETAILS

NO EXCEPTIONS TAKEN	
MAKE CORRECTIONS NOTED	
REVISE AND RESUBMIT	✓
REJECTED - SEE REMARKS	

TURNIPSEED ENGINEERS
By: *Greg Ashworth* Date: 4/14/2021

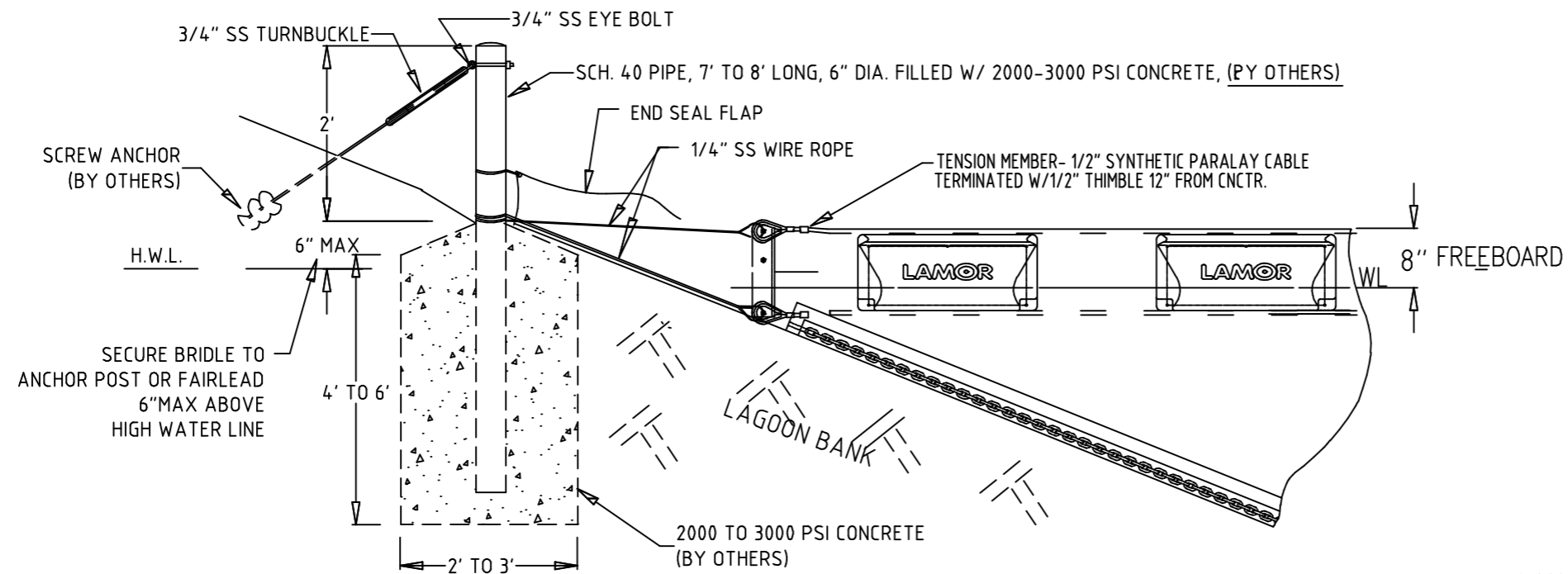


**FLOW THRU WINDOW
DETAIL "A" NTS**

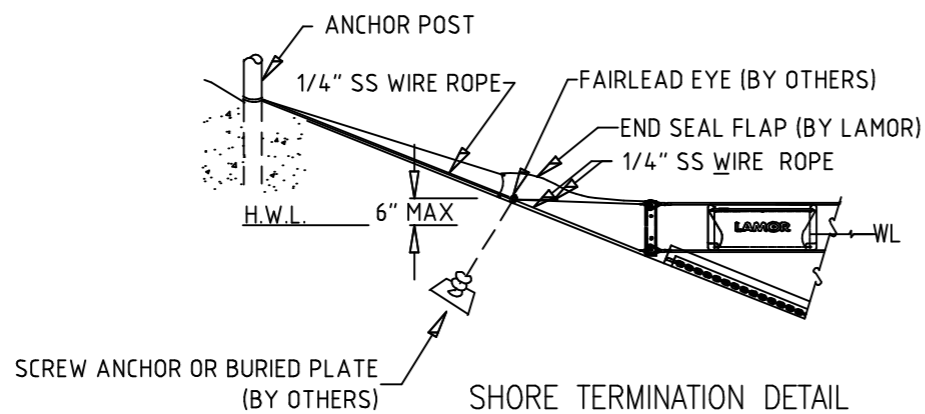
NOTES (Per Baffle):
 NUMBER OF PANELS: 4 STYLE: mk7 FREEBOARD REQ'D: 8" 203mm
 EACH BAFFLE LENGTH: 2x 99.5' + 2x 98.5'; OVERALL HEIGHT: 168 in
 TYPE OF FLOTATION: MK 7 FABRIC: XR-5 6730 BLACK
 TYPE OF BALLAST: 10mm HDG CHAIN SEALED IN POCKET AT BOTTOM
 NO. OF TENSION MEMBERS: 2 TYPE: 12mm SYNTHETIC PARALAY LOCATI
 SLOPE: 1/3 RISE: 156 in RUN: 468 in
 TYPE OF CONNECTORS REQUIRED: SS HIGH STRENGTH W/SS HDWR CC
 END TERMINATION: AS SHOWN - W/SS HDWR END BRIDLE: YES
 INTERMEDIATE ANCHOR SYSTEM: YES, 8 assemblies (4 each side), see draw
 FLOW-THRU WINDOWS REQUIRED: Yes QUANTITY: 2 SIZE: 30" x 30" Location: 10' from slope top, 12' from base, 24' apart.

CONTRACTOR MUST FIELD VERIFY SLOPE, RISE, AND RUN, FOR LOCATION AND DIMENSIONS,
 LENGTH OF BAFFLE IN RELATION TO WATERLINE DIMENSION - SHORE TO SHORE, WINDOW SIZE AND LOCATION
 AND ANY OTHER IRREGULARITIES BEFORE APPROVAL FOR FABRICATION OF BAFFLE(S).

TOLERANCES UNLESS OTHERWISE SPECIFIED, STOCK SIZES TO ASTM STANDARDS DIMENSIONS TO DIMENSIONS FRACTIONS (MACHINERY) 1/32 ANGLES PERPENDICULARITY WITHIN 0.002/10 SURFACE FINISH MATERIAL	CONTRACT NO.	 2 Enterprise Dr. Suite 404 Shelton, CT 06484 www.lamor.com
	DRAWN MTS DATE: 04/14/2021	
	CHECKED DATE	
	APPROVED DATE	
DESIGN ACTIVITY	TITLE	LAMOR MK7-2 LAGOON BAFFLE 396' OAL x 14' OAH US KESCO 2
APPROVAL	FSCM NO. 56494	
APPLICATION	FINISH	DWG NO. 402694
		REV. A
		SCALE: (N/A) Sheet ANSI C SHEET 1/3



USE THIS CONFIGURATION IF LAGOON BANK IS WELL COMPACTED SOIL. IF NOT, A SCREW ANCHOR MAY BE ADDED TO THE TOP OF THE POST WITH A TURNBUCKLE AS SHOWN.



NOTE:
IF BASE OF POST IS LOCATED MORE THAN 6" ABOVE DESIGN HIGH WATER LEVEL, WE RECOMMEND THAT A FAIRLEAD BE PLACED AS SHOWN.

REVISIONS		
LTR	DESCRIPTION	DATE
B	4000 PSI WAS 2000 TO 3000 PSI 3' WAS 2' TO 3' 6' WAS 4' TO 6'	8/21/09 JD
C	4000 PSI WAS 2000 TO 3000 PSI	8/25/09 JD
D	UPDATED TITLE BLOCK (WAS SLICKPAR)	15SEP2011 RST
E	CHAIN PALLAST WAS LEAD	19FEB2013 RST
F	Tension member added	16.6.2016 JuMy

LAMOR USA TAKES NO RESPONSIBILITY FOR DESIGN INTEGRITY OF SHORE OR SIDE ANCHOR SYSTEMS. THESE SKETCHES ARE TYPICAL OF SYSTEMS WHICH HAVE WORKED SUCCESSFULLY FOR ENGINEERS FAMILIAR WITH THE PARTICULAR SOIL BEARING CONDITIONS AT SPECIFIC SITES.

THE MAIN CRITERIA IS TO KEEP THE TENSION FORCES ON THE BAFFLE TENSION WIRES (BRIDLES) ESSENTIALLY HORIZONTAL AND CLOSE TO THE DESIGN WATER LEVEL OF THE LAGOON.

NOTE:
THIS DWG. IS SUPPLIED FOR INFORMATION ONLY. LAMOR USA DOES NOT SUPPLY ANY ANCHOR POSTS, SCREW ANCHORS, TURNBUCKLES, OR FAIRLEAD EYES.

TOLERANCES UNLESS OTHERWISE SPECIFIED STOCK SIZES TO ASTM STANDARDS	
DIMENSION	TOLERANCE
0.00	± 0.010
0.000	± 0.005
FRACTIONS (MACHINED)	± 1/32
FRACTIONS (WELDMENT)	± 1/16
ANGLES	± 0.5°
PERPENDICULARITY WITHIN 0.002/10"	
CONCENTRICITY WITHIN 0.002 T.I.R.	
MATERIAL	
HEAT TREAT	
FINISH	

DRAWN	J. J. S.	DATE	8/01/96
CHECKED		DATE	
APPROVED		DATE	
APPROVED		DATE	
DESIGN ACTIVITY			
APPROVAL			

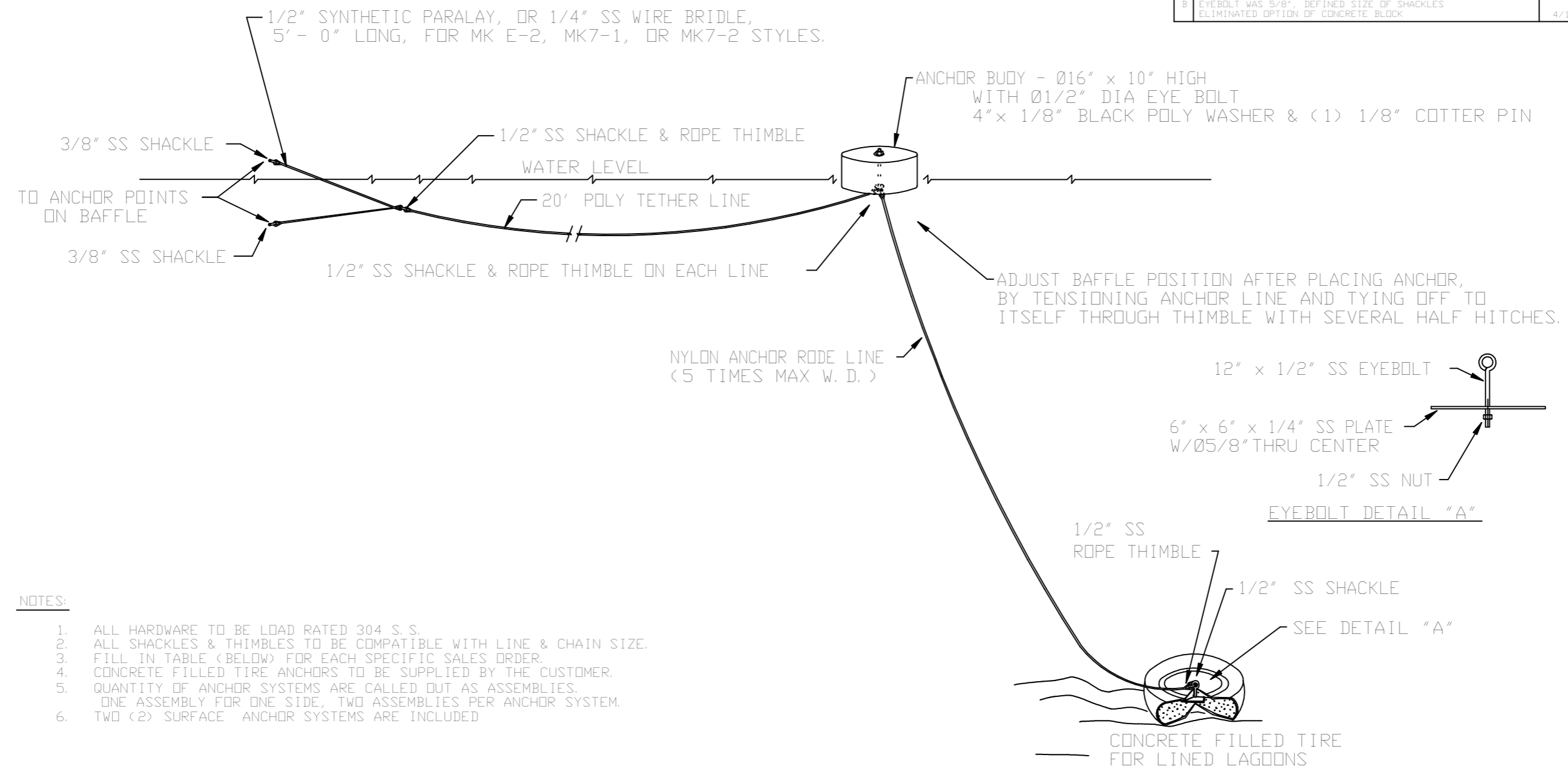
LAMOR
www.lamor.com

TITLE
ANCHOR POST ILLUSTRATION
TWO TENSION MEMBER CHAIN BALLAST

FSCM NO. **56494** DWG NO. **20B3169-2** REV **F**

SCALE: NTS SHEET

REVISIONS		
LTR	DESCRIPTION	DATE
A	WAS 20B3104E-40805	2/13
B	EYEBOLT WAS 5/8". DEFINED SIZE OF SHACKLES ELIMINATED OPTION OF CONCRETE BLOCK	4/13



NOTES:

1. ALL HARDWARE TO BE LOAD RATED 304 S. S.
2. ALL SHACKLES & THIMBLES TO BE COMPATIBLE WITH LINE & CHAIN SIZE.
3. FILL IN TABLE (BELOW) FOR EACH SPECIFIC SALES ORDER.
4. CONCRETE FILLED TIRE ANCHORS TO BE SUPPLIED BY THE CUSTOMER.
5. QUANTITY OF ANCHOR SYSTEMS ARE CALLED OUT AS ASSEMBLIES.
ONE ASSEMBLY FOR ONE SIDE, TWO ASSEMBLIES PER ANCHOR SYSTEM.
6. TWO (2) SURFACE ANCHOR SYSTEMS ARE INCLUDED

ANCHOR			NYLON ANCHOR RODE		20' POLY TETHER LINE	10' GALV CHAIN SIZE	QTY
TYPE	SIZE	WT.	SIZE	LENGHT	SIZE	SIZE	#
TIRE	Ø30"		1/2"	60'	1/2"	NONE	1
TIRE	Ø48"		5/8"		5/8"	NONE	

WATER DEPTH _____
ORDER NUMBER: _____

LAMOR USA		155 Hill Street Milford, Ct. 06460 www.lamor.com
		S.S. BAFFLE ANCHOR SYSTEM
SCALE 1/8	DRAWN BY: RST	DRAWING NUMBER:
DATE: 12SEP2013	APPROVED BY:	20B9049