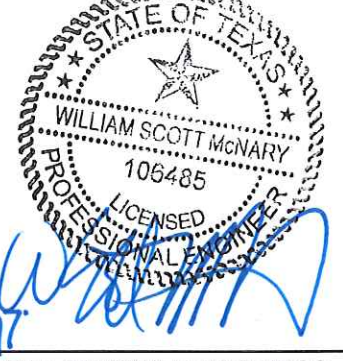


PIER N1 COFFERDAM

TEMPORARY BRACING OUTLINE

- NOTES:
1. THE REQUIRED MINIMUM PILE INSTALLATION CLEARANCES TO THE FOOTING CONCRETE NEAT LINE ARE:
 - 9" AT THE COMBINATION WALLS
 - 10 1/2" AT THE SHEET PILE WALL
 SEE DIMENSIONS ON THE PLAN FOR THE ACTUAL CLEARANCES DUE TO THE PILE LAYOUT AND THE ADDED 3/4" FOR THE BOND BREAKING PLYWOOD SKIN.
 2. SEE DRAWING 2835-SUB-TCD-007 TO 008a FOR THE BRACING TO THE CASING DETAILS.
 3. WALE SHOWN WITH 4" CLEARANCE TO WALLS ALL AROUND.
 4. SEE DRAWING 2035-SUB-TCD-009 FOR SEAL SLAB REINFORCING AT OUTER CASINGS.
 5. SEE DRAWING 2035-SUB-TCD-020 FOR GRADING DETAILS.

McNARY BERGERON & ASSOCIATES LLC
F-18682

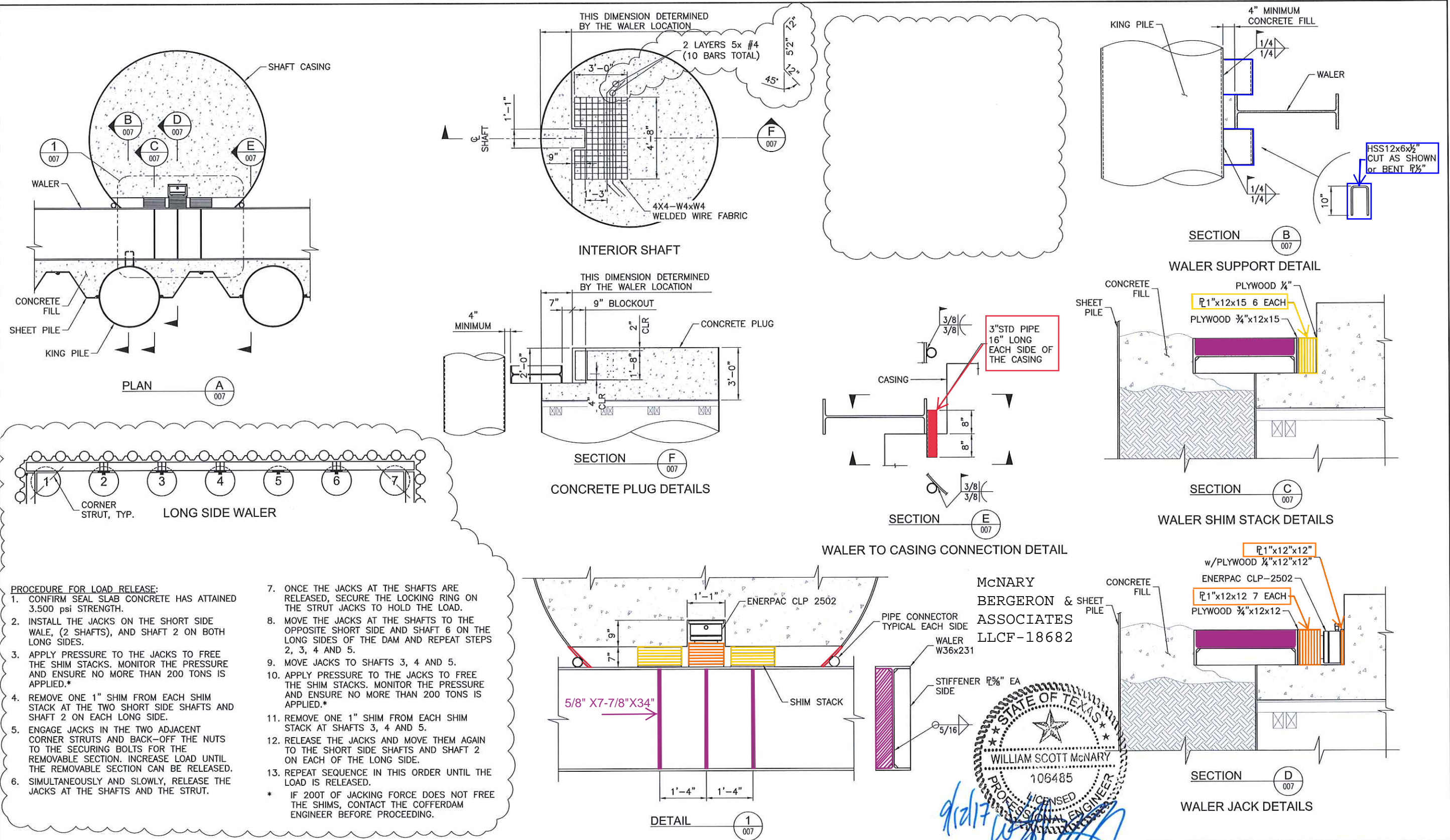


DESIGNED RENATO RAVAZZOLO		12 DEC 2016		REVISIONS				SPECIFICATIONS AND REFERENCE DRAWINGS			
DATE	REV	DATE	DESCRIPTION	BY	CHKD	SPECIFICATION or DRAWING	DESCRIPTION				
12 DEC 2016	0	12 DEC 2016	FOR CONSTRUCTION	RR	DG						
12 DEC 2016	1	6 APR 2017	GENERAL REVISION	AB	DG						
12 DEC 2016	2	08 SEP 2017	GENERAL REVISION	AB	DG						
12 DEC 2016											
12 DEC 2016											



US 181 HARBOR BRIDGE
REPLACEMENT PROJECT
500 NORTH SHORELINE BOULEVARD, SUITE 500
CORPUS CHRISTI, TX 78401

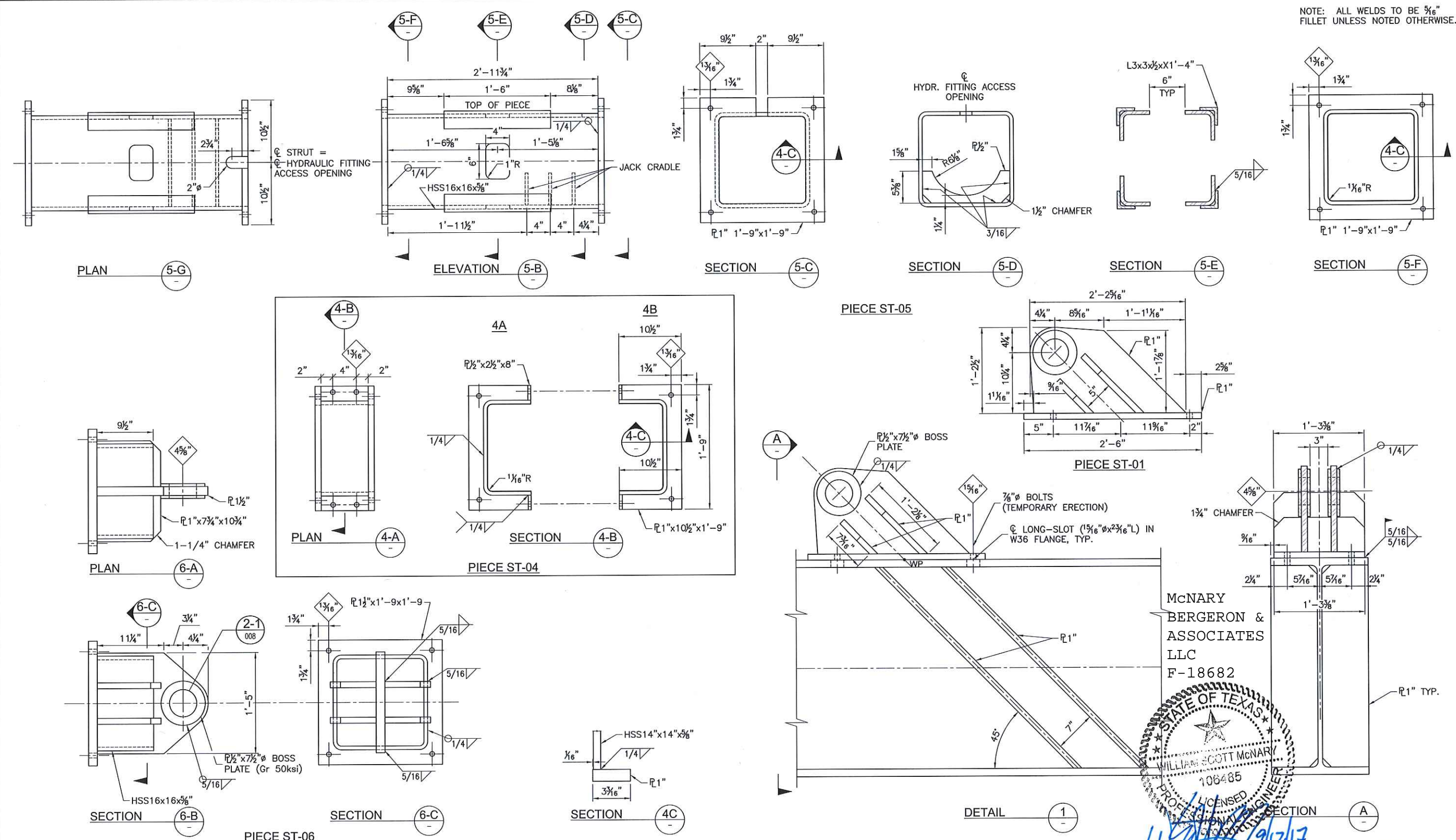
N1 AND S1 TOWER FOOTINGS N1 TOWER COFFERDAM TEMPORARY BRACING PLAN			
FLATIRON JOB No. 2835		DRAWING No. 2835-SUB-TCD-002	
SUPERSEDES PRINTS OF THIS DRAWING WITH REVISIONS PREVIOUS TO →			2



DESIGNED RENATO RAVAZZOLO	12 DEC 2016	REVISIONS				SPECIFICATIONS AND REFERENCE DRAWINGS					US 181 HARBOR BRIDGE REPLACEMENT PROJECT 500 NORTH SHORELINE BOULEVARD, SUITE 500 CORPUS CHRISTI, TX 78401	N1 AND S1 TOWER FOOTINGS GENERAL DETAILS TEMPORARY BRACING SECTIONS AND DETAILS SHEET 2	
DRAWN DAVID HETZEL	12 DEC 2016	REV	DATE	DESCRIPTION	BY	CHKD	SPECIFICATION or DRAWING	DESCRIPTION				FLATIRON JOB No. 2835	DRAWING No. 2835-SUB-TCD-007
CHECKED DANNY GILBERT	12 DEC 2016	0	6 APR 2017	FOR CONSTRUCTION	AB	DG							
APPROVED W. SCOTT McNARY	12 DEC 2016	1	08 SEP 2017	GENERAL REVISION	AB	DG							

SUPERSEDES PRINTS OF THIS DRAWING WITH REVISIONS PREVIOUS TO → 0

NOTE: ALL WELDS TO BE $\frac{5}{16}$ "
FILLET UNLESS NOTED OTHERWISE.

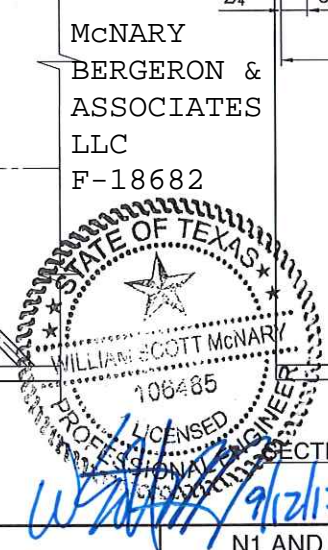


DESIGNED SERENO BROWN		01 SEP 2017		DATE		REV		DATE		DESCRIPTION		BY		CHKD		SPECIFICATION or DRAWING		DESCRIPTION	
DRAWN DAVID HETZEL		01 SEP 2017		DATE		0		08 SEP 2017		FOR CONSTRUCTION		SB		DG					
CHECKED DANNY GILBERT		01 SEP 2017		DATE															
APPROVED W. SCOTT MCNARY		01 SEP 2017		DATE															



**US 181 HARBOR BRIDGE
REPLACEMENT PROJECT**
500 NORTH SHORELINE BOULEVARD, SUITE 500
CORPUS CHRISTI, TX 78401

SEAL



**N1 AND S1 TOWER FOOTINGS
GENERAL DETAILS
TEMPORARY BRACING
SECTIONS AND DETAILS SHEET 4**

FLATIRON JOB No. 2835 DRAWING No. 2835-SUB-TCDD-008a
SUPERSEDES PRINTS OF THIS DRAWING WITH REVISIONS PREVIOUS TO → 0