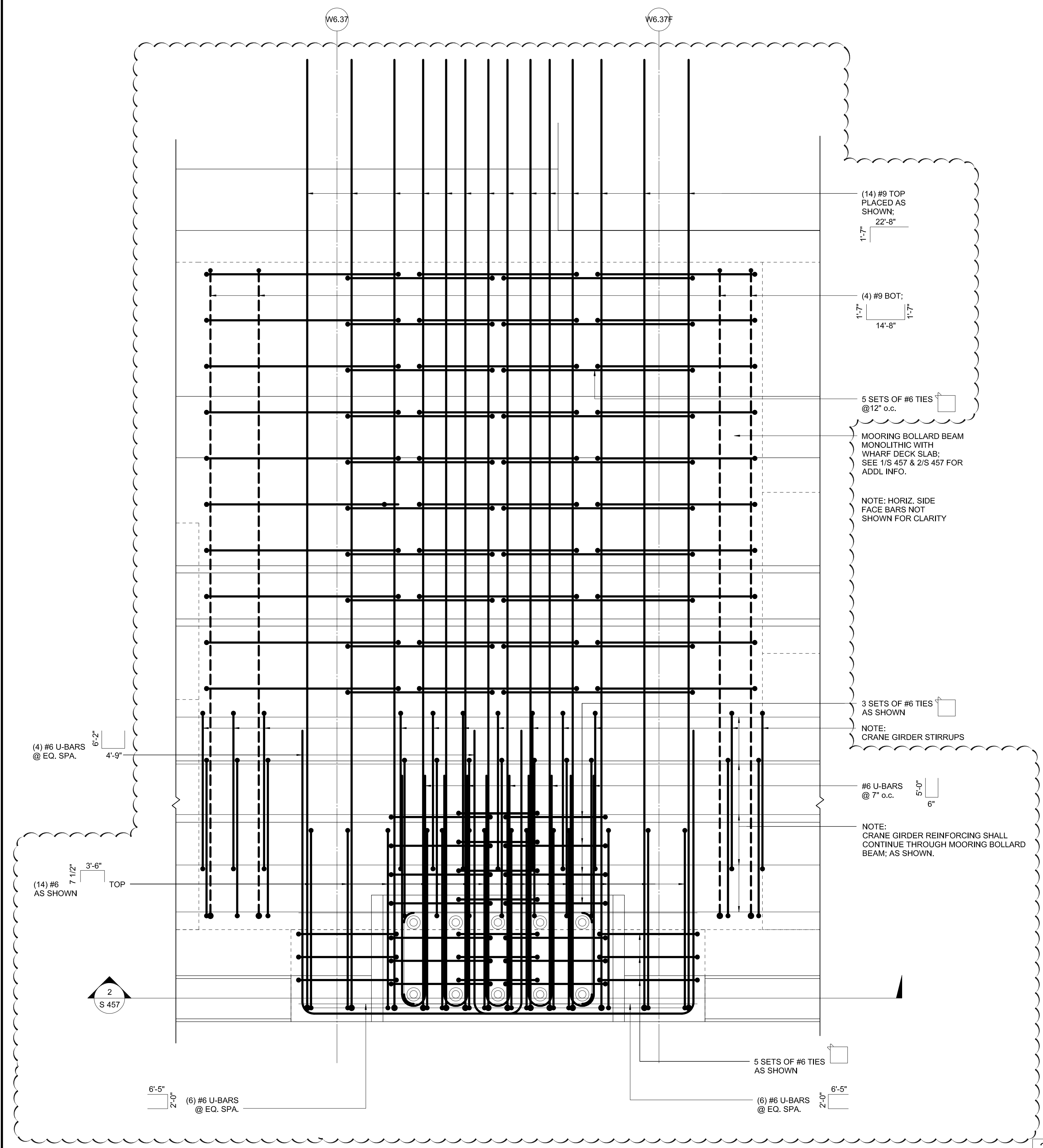
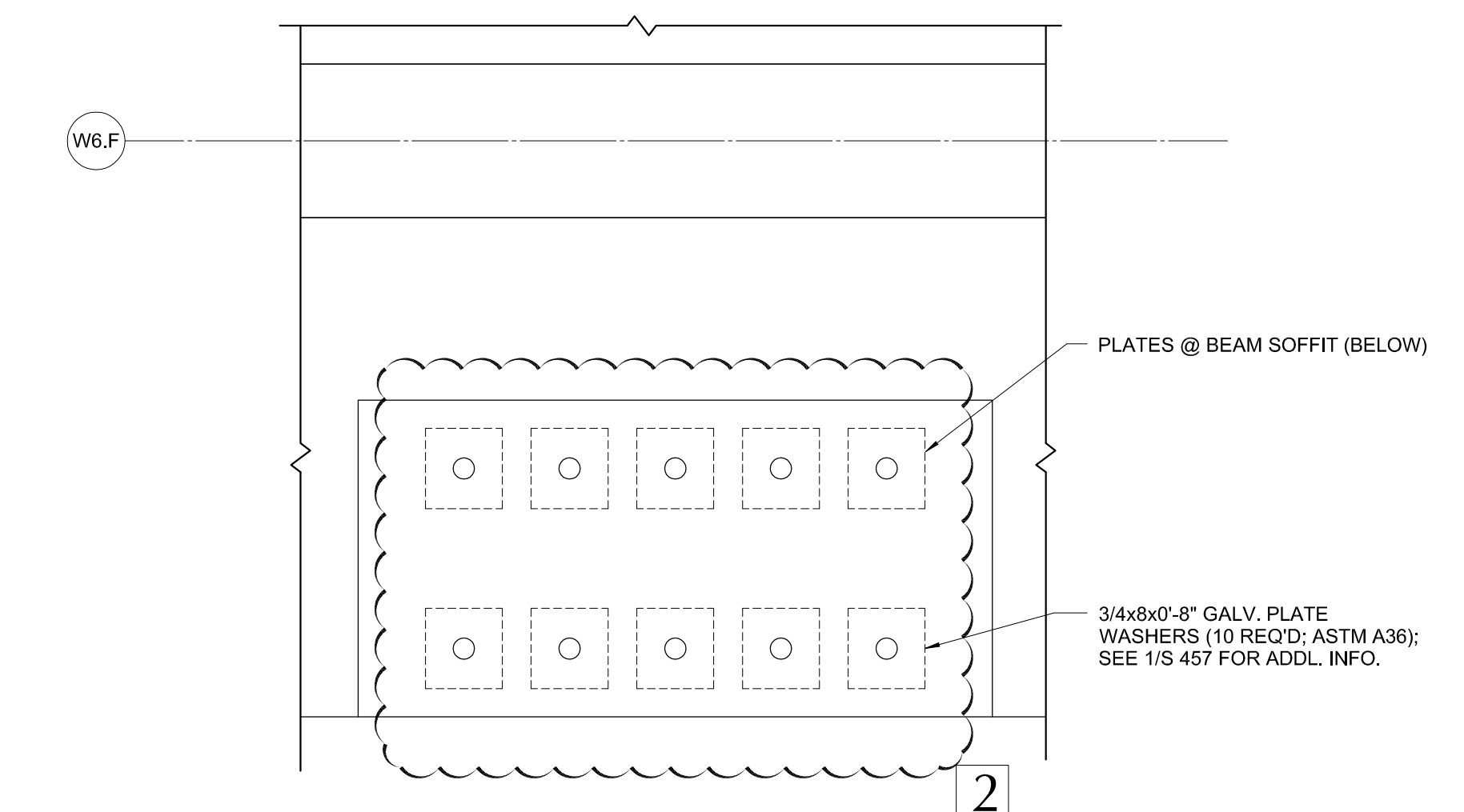


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1 MOORING BOLLARD BEAM REINFORCING
SCALE: 3/4" = 1'-0"



2 MOORING BOLLARD PLAN DETAIL
SCALE: 3/4" = 1'-0"

1
 Revision 1 was prepared by Collins Engineers, Inc. and issued under the authority of Laurence R. Emsley (Tx Reg No. 71018) on April 7, 2017

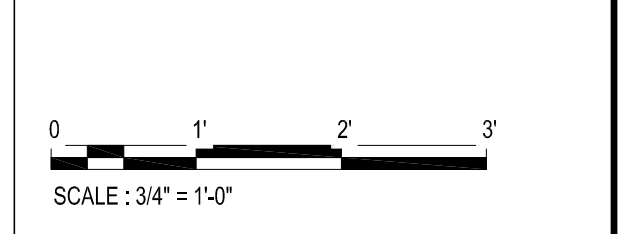
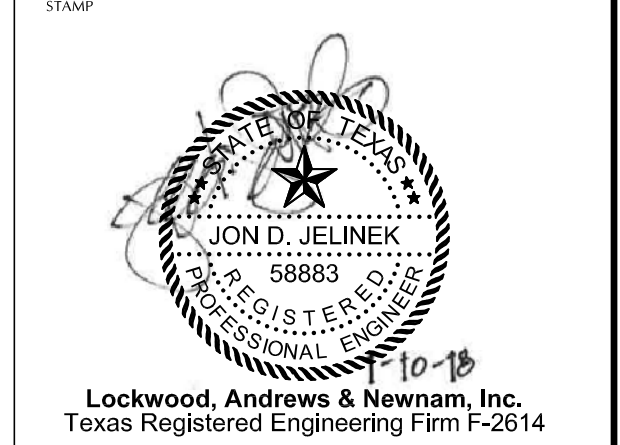
Collins Engineers, Inc.
 Texas Registered Engineering Firm F-9791

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUE FOR CONSTRUCTION	04/21/16
1	ISSUE FOR SEPARATE BID	04/07/17
2	MOORING BOLLARD MODIFICATIONS	01/10/18

FILE LOG

Manager	ETT
Design	PRJ
Draw	ACB
Check	JDI



Project No. 120-10849-016
 Date: April 21, 2016

MOORING BOLLARD BEAM
 PLANS, SECTIONS AND DETAILS
 (SHEET 1 OF 2)

1
 PLANS MODIFIED TO DELINEATE BERTH 5
 LIMITS OF WORK FOR SEPARATE BID AND PLAN
 MODIFICATIONS
 APRIL 7, 2017
 TEXAS REGISTERED ENGINEERING FIRM F-9791

S 456