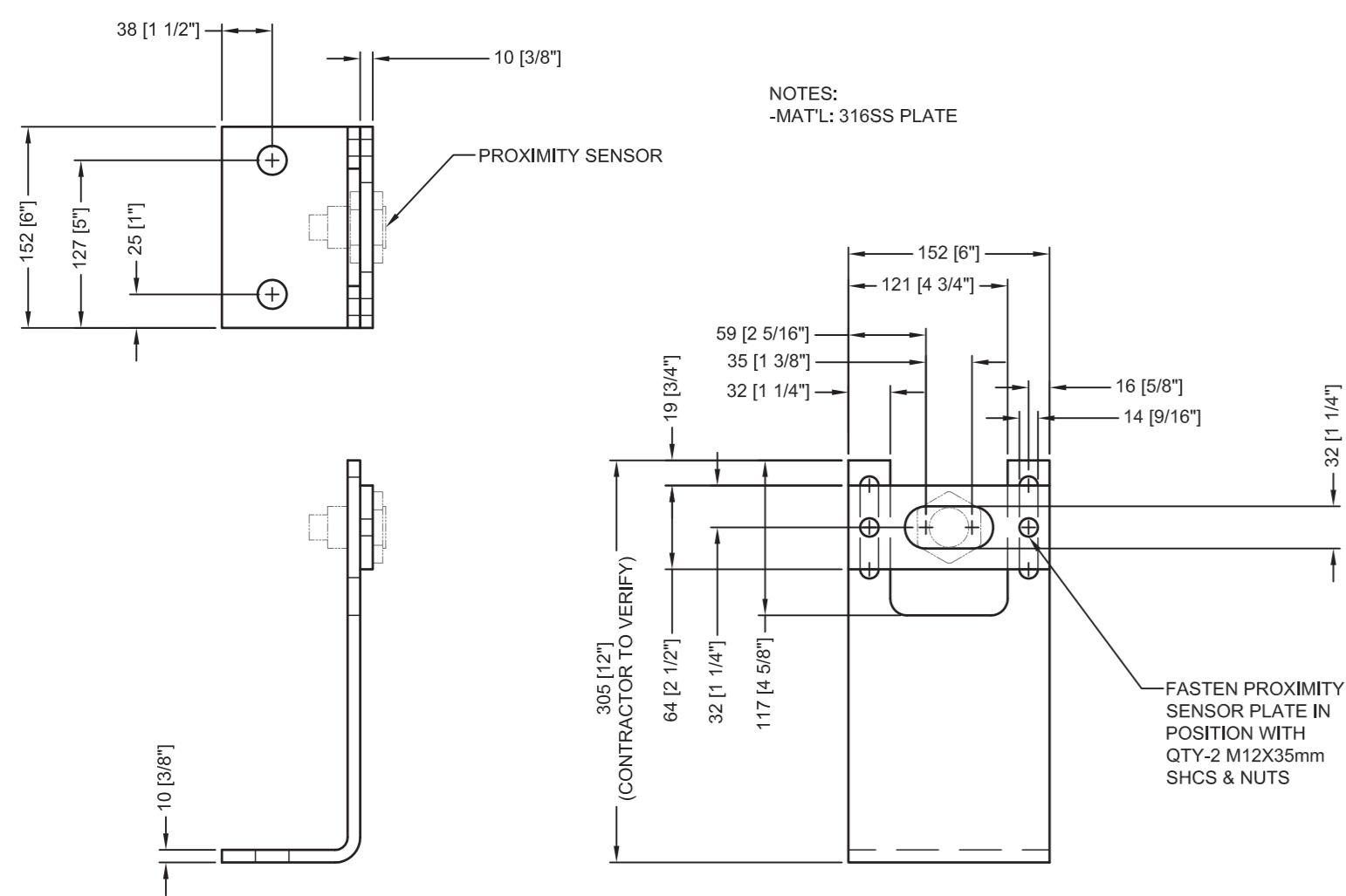
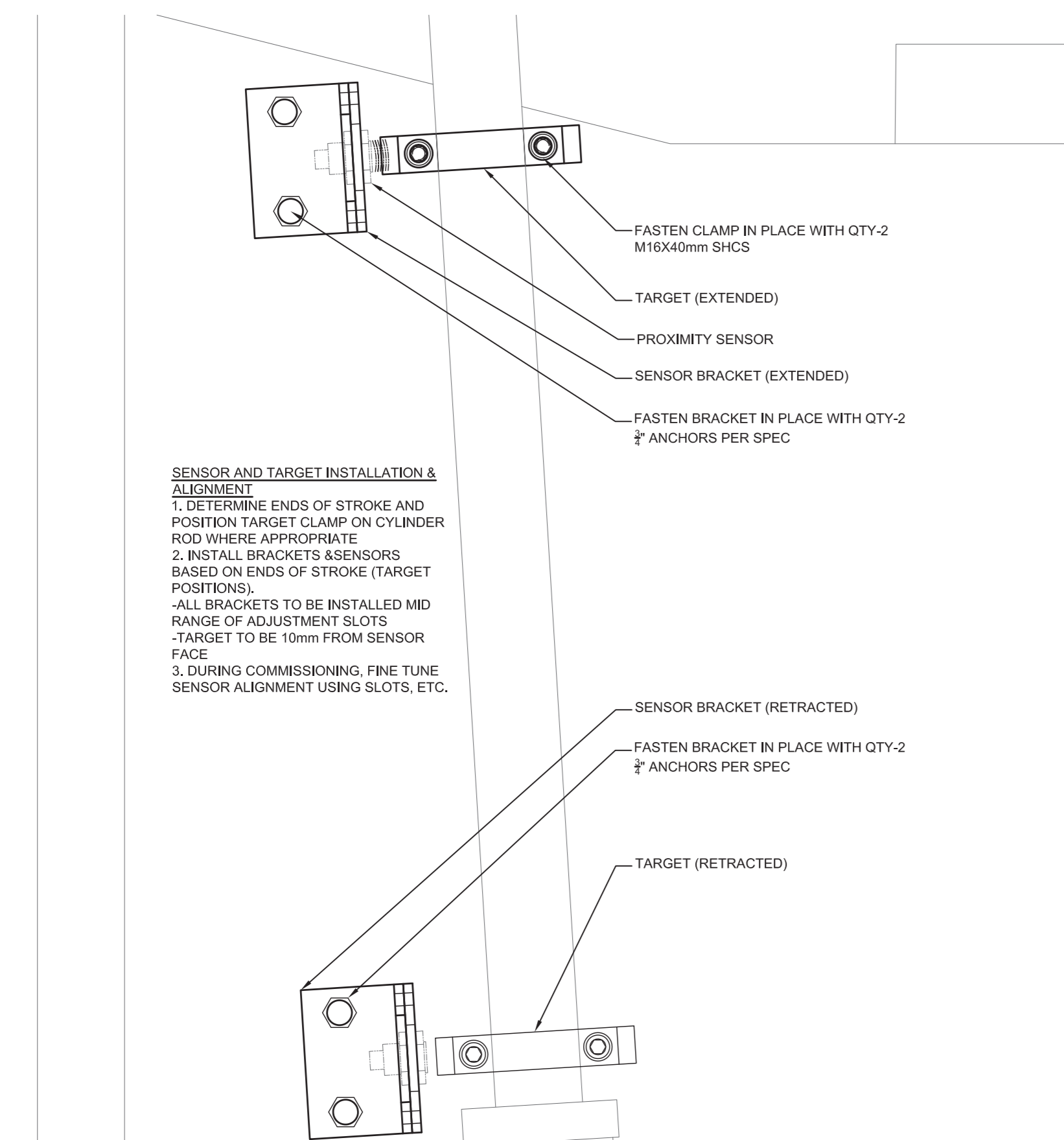


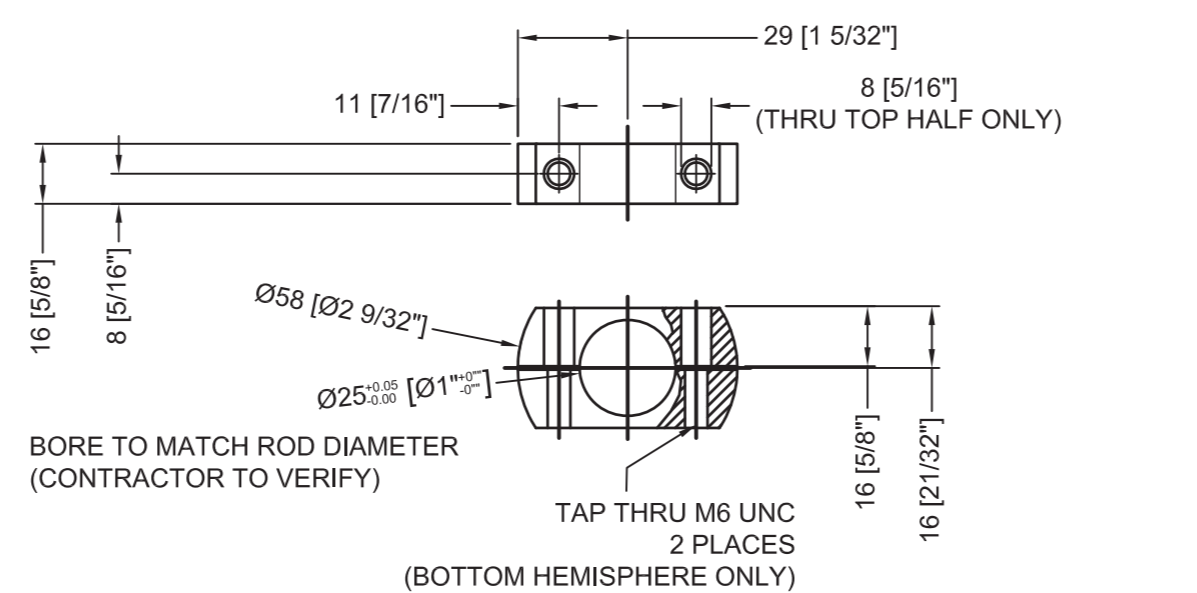
A
W004 BRACKET DETAIL: ROD CLAMP GATE CYLINDER
SCALE: 1:5



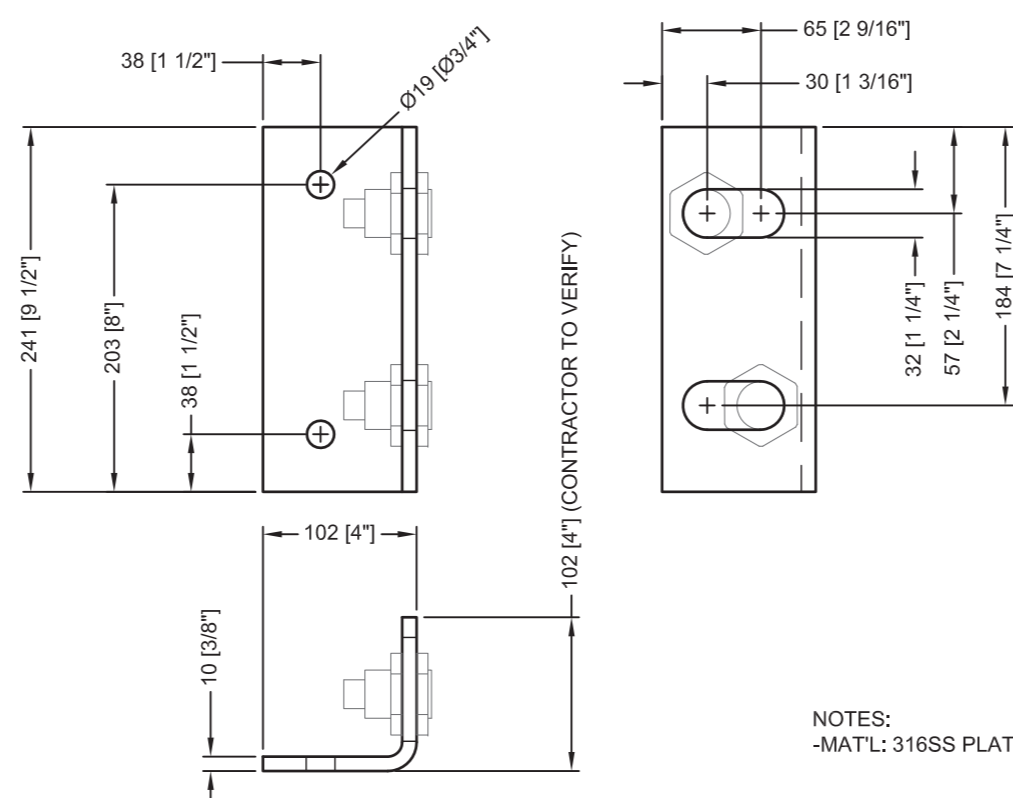
B
W004 BRACKET DETAIL: SENSOR MOUNT GATE CYLINDER
SCALE: 1:5



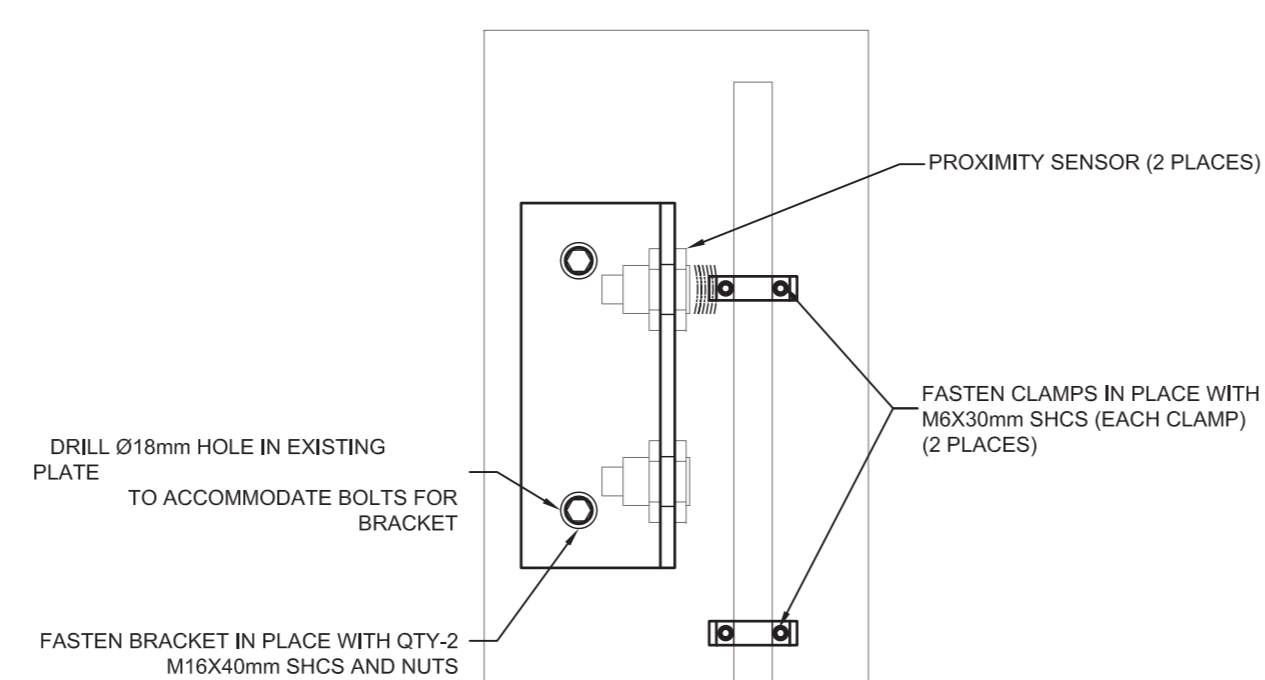
C
W004 BRACKET ASM: SENSOR LOCATIONS UPPER GATE CYLINDER
SCALE: 1:5



D
W004 BRACKET DETAIL: UPPER SLUICE ROD CLAMP
SCALE: 1:2

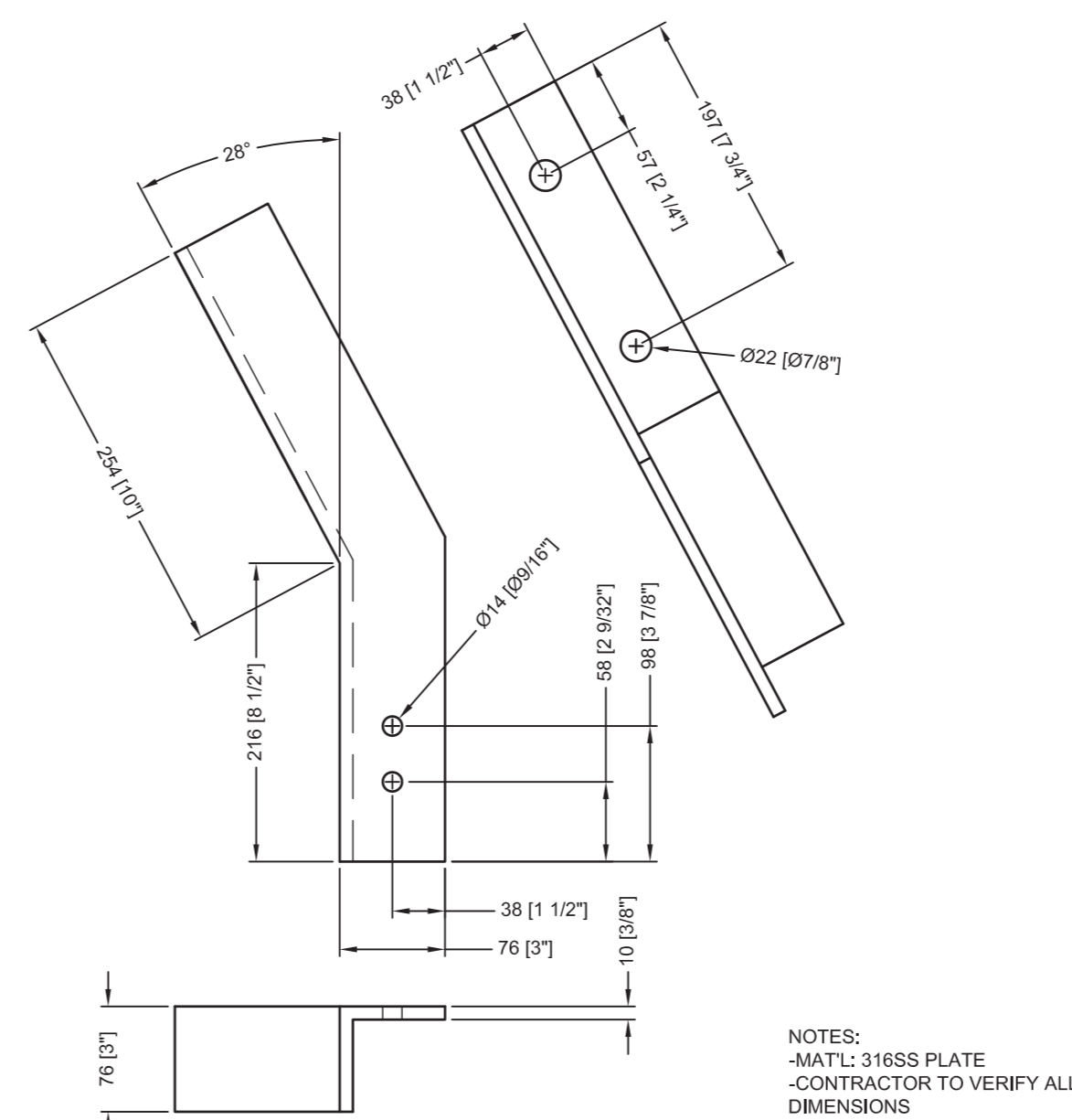


E
W004 BRACKET DETAIL: UPPER SLUICE CYLINDER SENSOR MOUNT
SCALE: 1:5

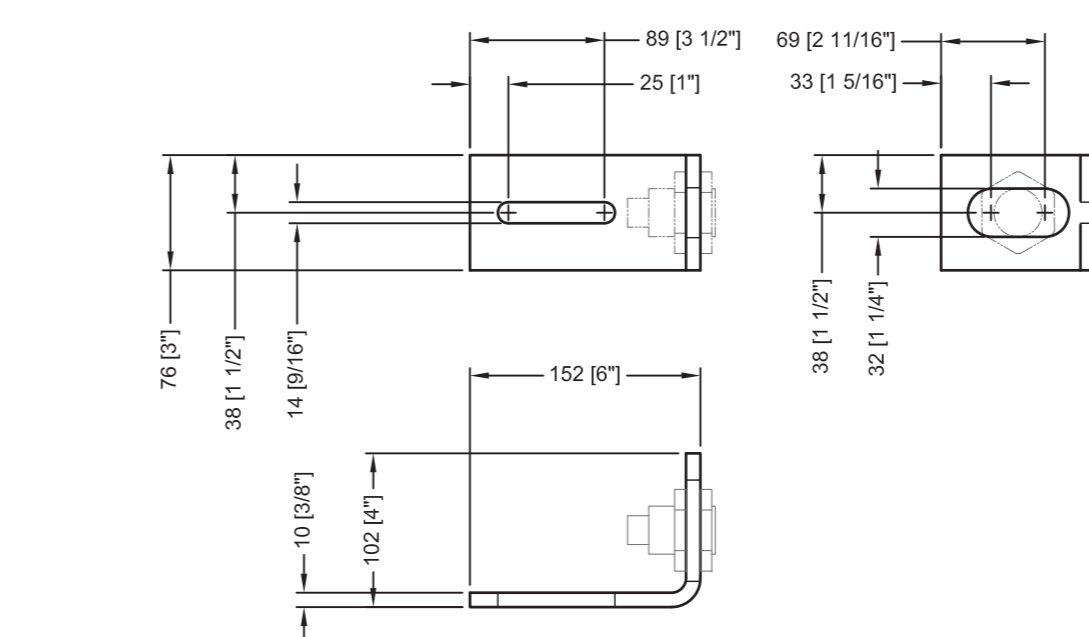


SENSOR AND TARGET INSTALLATION & ALIGNMENT
1. DETERMINE ENDS OF STROKE AND POSITION TARGET CLAMP ON ROD WHERE APPROPRIATE
2. INSTALL BRACKET & SENSORS BASED ON MIDSTROKE OF SLUICE CYLINDER
-BRACKET TO BE INSTALLED MID RANGE OF ADJUSTMENT SLOTS
-TARGETS TO BE 10mm FROM SENSOR FACE
3. DURING COMMISSIONING, FINE TUNE SENSOR ALIGNMENT USING SLOTS, ETC.

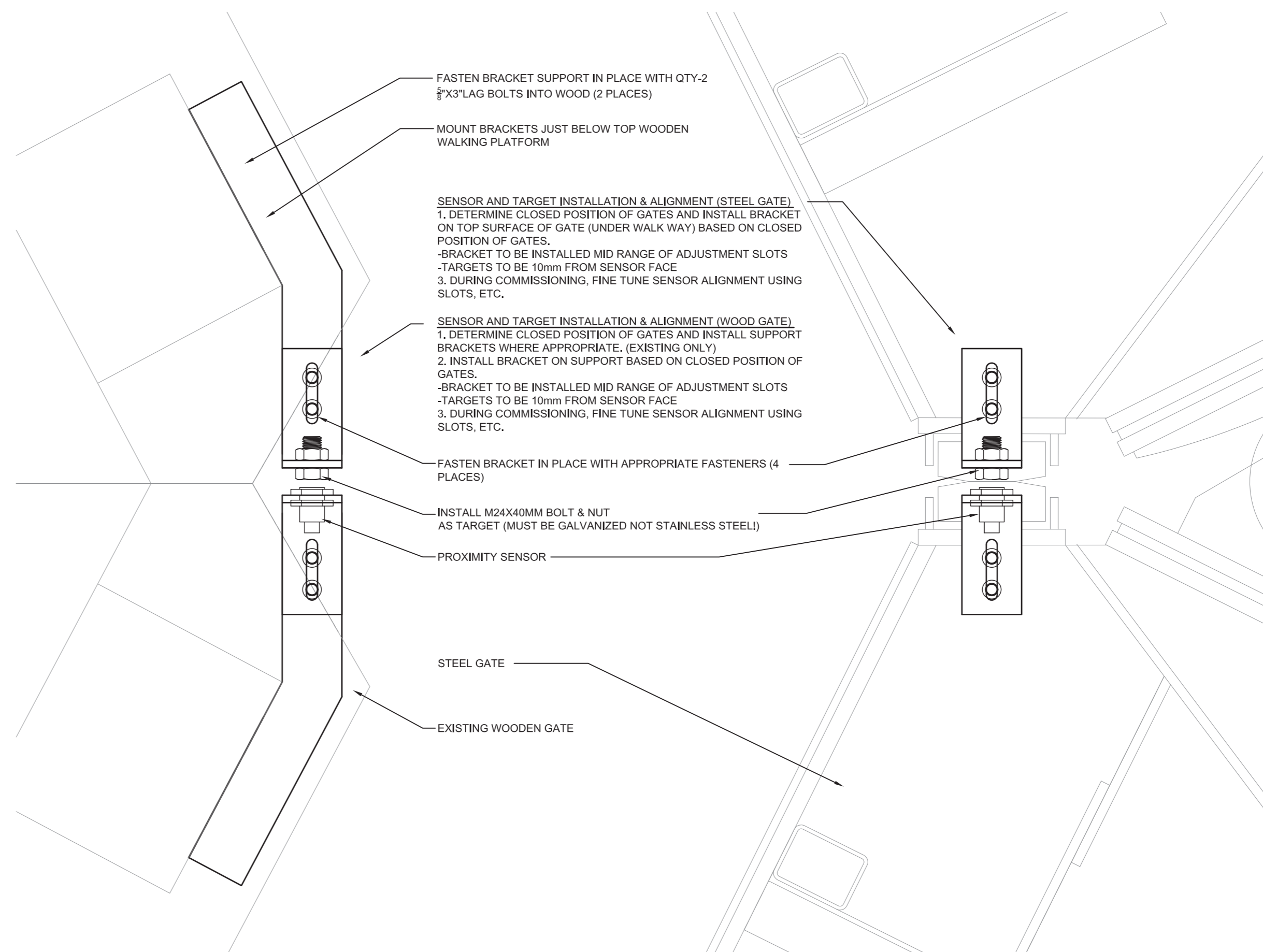
F
W004 BRACKET ASM: UPPER SLUICE CYLINDER SENSOR
SCALE: 1:5



G
W004 BRACKET DETAIL: SENSOR SUPPORT MITRE
SCALE: 1:5



H
W004 BRACKET DETAIL: SENSOR MOUNT MITER
SCALE: 1:5



I
W004 BRACKET ASM: SENSOR LOCATIONS MITER GATE
SCALE: 1:5

NOTES:

FABRICATION:
1. DIMENSIONS SHOWN ARE BASED ON ORIGINAL DRAWINGS AND FIELD MEASUREMENTS (WHERE POSSIBLE)

2. CONTRACTOR MUST FIELD-VERIFY ALL DIMENSIONS AND DETAILS TO ENSURE PROPER FIT AND FUNCTION. WHERE COMPONENTS AND ASSEMBLIES DON'T FIT OR FUNCTION PROPERLY, THEY MUST BE RE-WORKED BY CONTRACTOR

3. UNLESS OTHERWISE SPECIFIED ALL BOLTS AND ANCHORS TO BE 316 STAINLESS STEEL

SHOP DRAWINGS TO BE CREATED BY CONTRACTOR FOR PUBLIC WORKS REVIEW

1. SHOP DRAWINGS REQUIRED ONLY FOR COMPONENTS OR ASSEMBLIES WHICH DIFFER FROM WHAT IS SHOWN.



SEAL AND SIGNATURE MUST BE PRESENT TO USE DRAWING FOR OFFICIAL PURPOSES. TYPED INITIALS IN TITLE BLOCK AND REV BLOCK ARE FOR RECORD KEEPING PURPOSES ONLY.

1	ISSUE FOR TENDER	DP	JULY 2015

No.	Description	Dwn.By Des.Par	Date

Revision / Révision

A	A Detail number No. du détail
B	B Location dwg. no. No. sur dessin

Project title / Titre du projet
**RIDEAU CANAL
BLACK RAPIDS LOCK 13
UPGRADES 2015**

Drawing title / Titre du dessin
**MECHANICAL
HYDRAULIC SYSTEM
BRACKET DETAILS**

Drawn by / Dessiné par ALEX BAILEY	Designed by / Conçu par JONATHAN SMITH
Approved by / Approuvé par MATTHEW SMITH	Drawing Date / Date du dessin JUNE 2015

Project No. / Numéro du projet R.078218.001	Drawing No. / Dessiné No. M004
	Sheet Feuille 1 of du 1