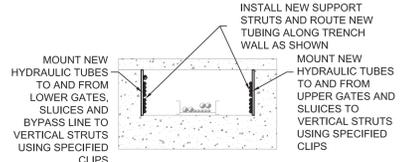
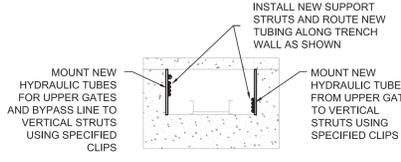


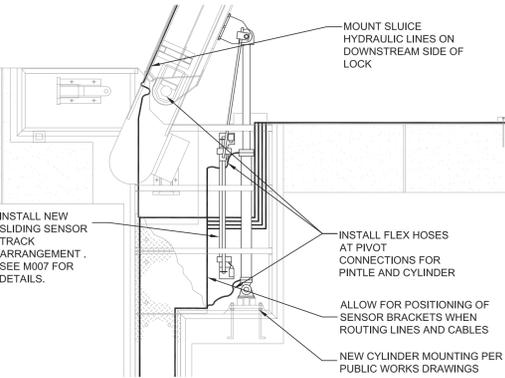
**A** SECTION  
SCALE: 1:20



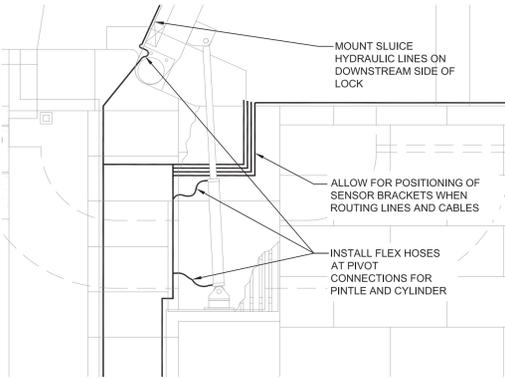
**B** SECTION  
SCALE: 1:20



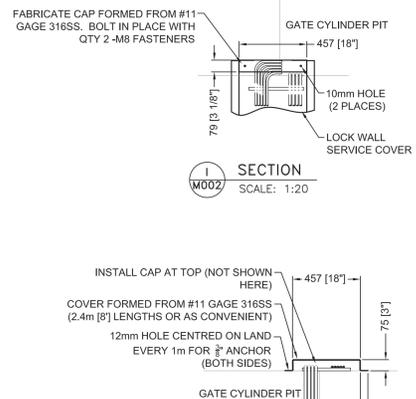
**C** SECTION  
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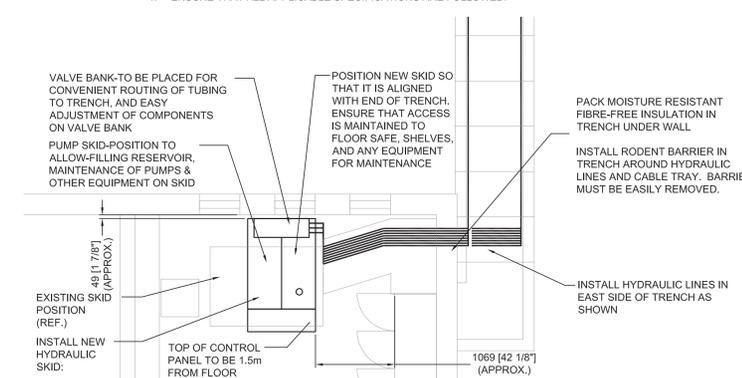
**E** LOWER CYLINDER PIT DETAIL  
SCALE: 1:40



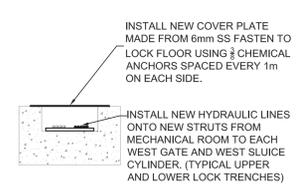
**H** UPPER CYLINDER PIT DETAIL  
SCALE: 1:40



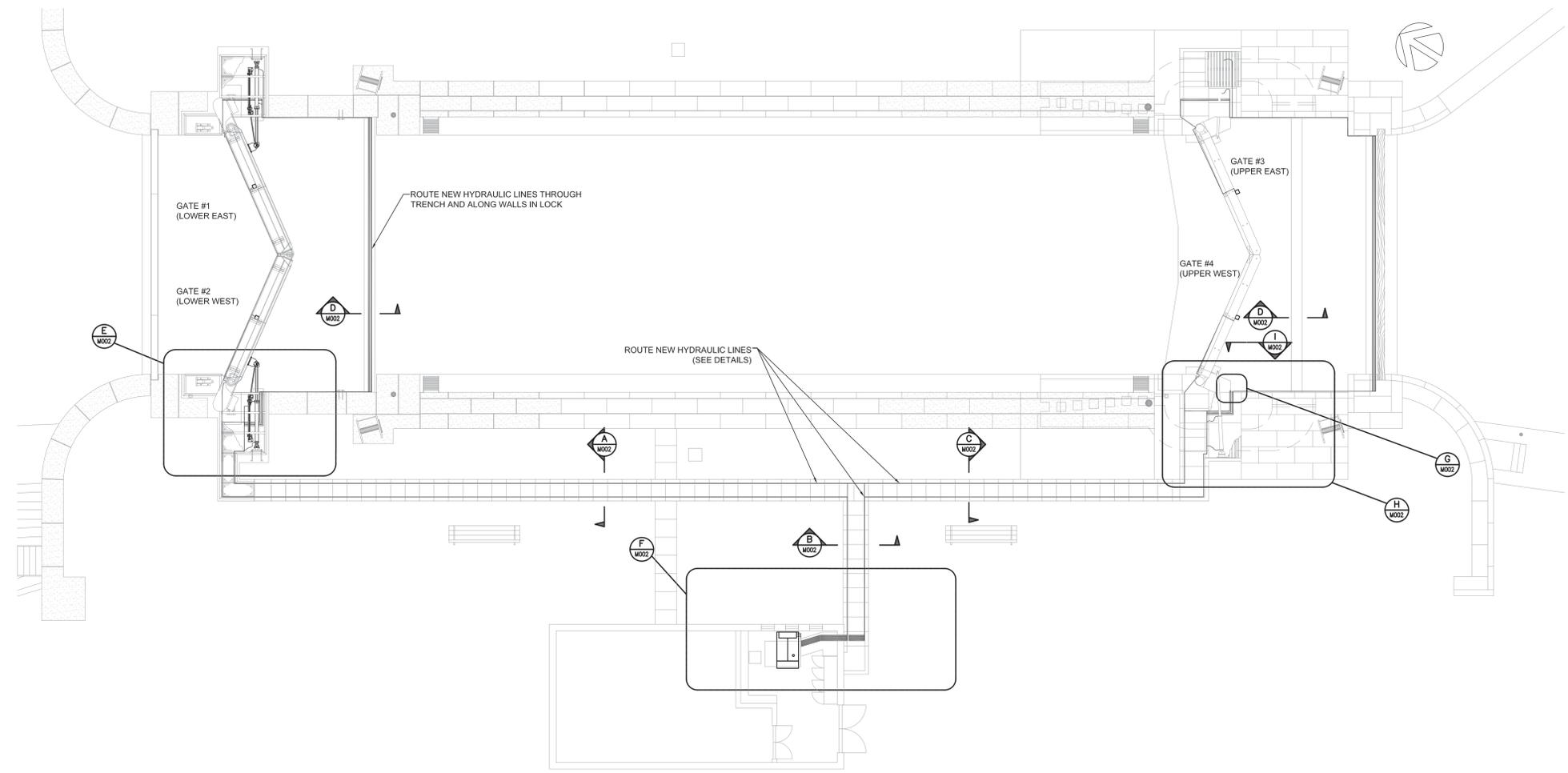
**G** LOCK WALL SERVICE COVER DETAIL  
SCALE: 1:20



**F** TRENCH TO MECHANICAL ROOM DETAIL  
SCALE: 1:40



**D** SECTION  
SCALE: 1:20



**1** PLAN - HYDRAULIC  
SCALE: 1:100

**NOTES:**  
**HYDRAULIC:**  
1. ARRANGE TUBING ORDER TO AVOID LINES CROSSING ONE ANOTHER  
2. ROUTING AND MOUNTING TO BE CLEAN AND ORGANIZED TO ALLOW EASY SYSTEM MAINTENANCE  
**SHOP DRAWINGS REQUIRED:**  
-HYDRAULIC SKID LAYOUT (CONTRACTOR TO PROVIDE FOR REVIEW BY PUBLIC WORKS)  
**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 STAINLESS STEEL  
**GENERAL:**  
1. ALL DIMENSIONS ARE IN MILLIMETRES  
2. CONTRACTOR TO ENSURE THAT HAZARDS (MECHANICAL, HYDRAULIC, ELECTRICAL) ARE MANAGED DURING ALL PHASES OF WORK  
**COORDINATION:**  
1. NOTE THAT THERE IS OTHER WORK BEING PERFORMED ON THIS SITE SIMULTANEOUSLY, INCLUDING EXTENSIVE DEMOLITION AND RE-BUILDING OF THE LOWER LOCK GATE. THE CONTRACTOR MUST COORDINATE WITH PUBLIC WORKS TO PLAN AND SCHEDULE ALL ACTIVITIES.  
**SPECIFICATIONS:**  
1. ENSURE THAT ALL APPLICABLE SPECIFICATIONS ARE FOLLOWED.

Public Works and Government Services Canada  
Travaux publics et Services gouvernementaux Canada

Heritage Canals and Engineering Works  
Ontario Region  
Canaux Historiques et travaux d'ingénierie  
Région de l'Ontario

**Canada**

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SIGNATURE 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.

No.	Description	Rev. By	Date
1	ISSUE FOR TENDER	DP	JULY 2015

Revision / Révision	
<b>A</b>	A Detail number No. du détail
<b>B</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 & MECHANICAL  
INSTALLATION**

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

Project No. / Numéro du projet <b>R.078218.001</b>	Drawing No. / Dessiné No. <b>M002</b>
Sheet Feuille	1 of 1 du 1