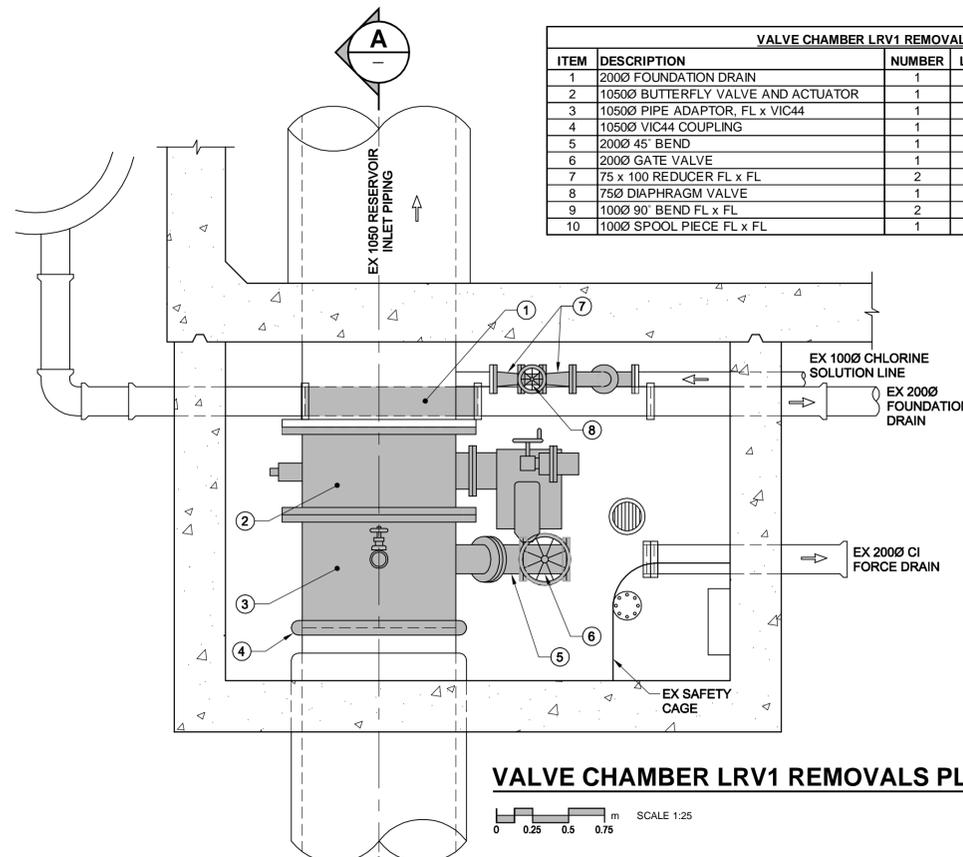
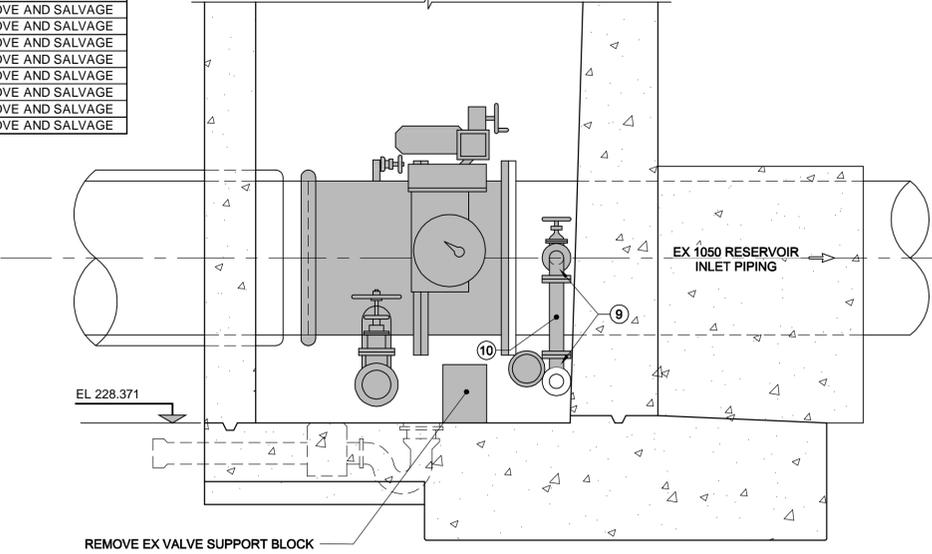


VALVE CHAMBER LRV1 REMOVALS				
ITEM	DESCRIPTION	NUMBER	LENGTH	
1	2000 FOUNDATION DRAIN	1		REMOVE AND REPLACE
2	10500 BUTTERFLY VALVE AND ACTUATOR	1		REMOVE AND SALVAGE
3	10500 PIPE ADAPTOR, FL x VIC44	1		REMOVE AND SALVAGE
4	10500 VIC44 COUPLING	1		REMOVE AND SALVAGE
5	2000 45° BEND	1		REMOVE AND SALVAGE
6	2000 GATE VALVE	1		REMOVE AND SALVAGE
7	75 x 100 REDUCER FL x FL	2		REMOVE AND SALVAGE
8	750 DIAPHRAGM VALVE	1		REMOVE AND SALVAGE
9	1000 90° BEND FL x FL	2		REMOVE AND SALVAGE
10	1000 SPOOL PIECE FL x FL	1		REMOVE AND SALVAGE



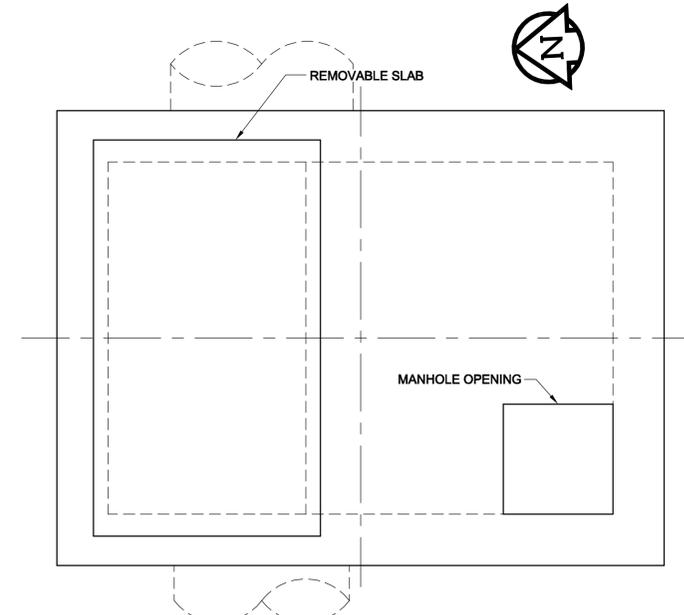
VALVE CHAMBER LRV1 REMOVALS PLAN

SCALE 1:25
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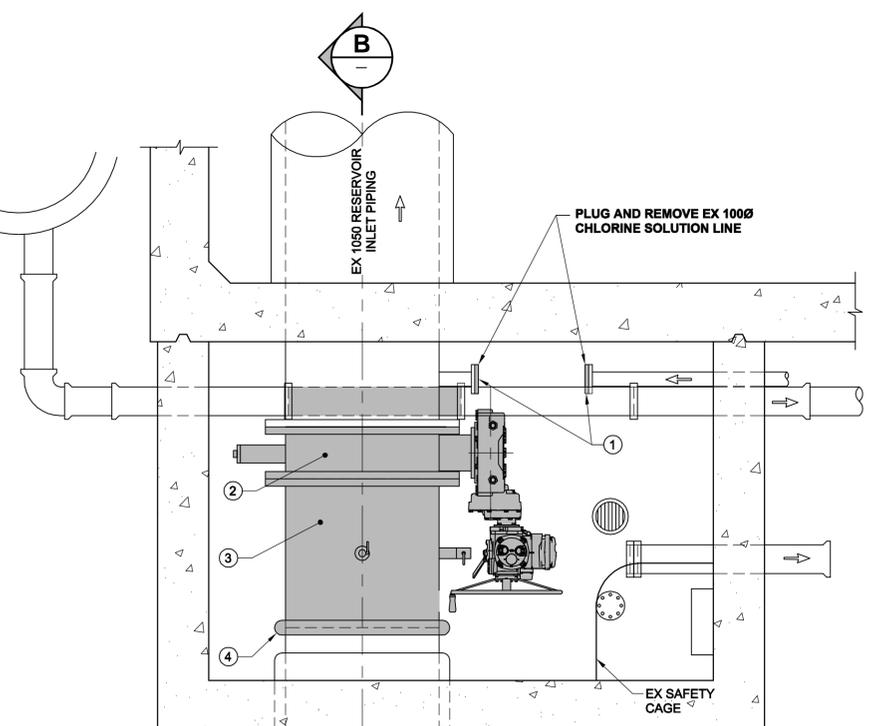
SECTION A

SCALE 1:25
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VALVE CHAMBER LRV1 REMOVALS



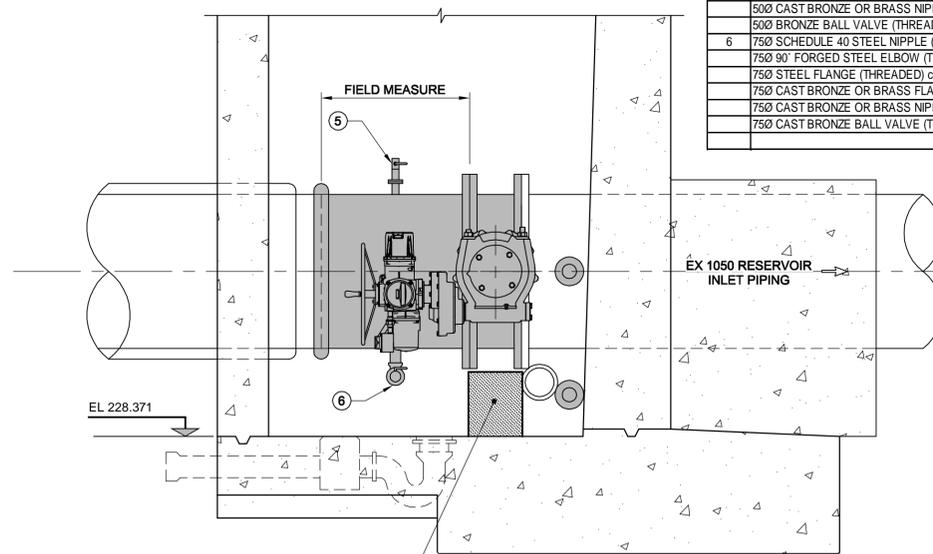
EXISTING ROOF PLAN

SCALE 1:25
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VALVE CHAMBER LRV1 MODIFICATIONS PLAN

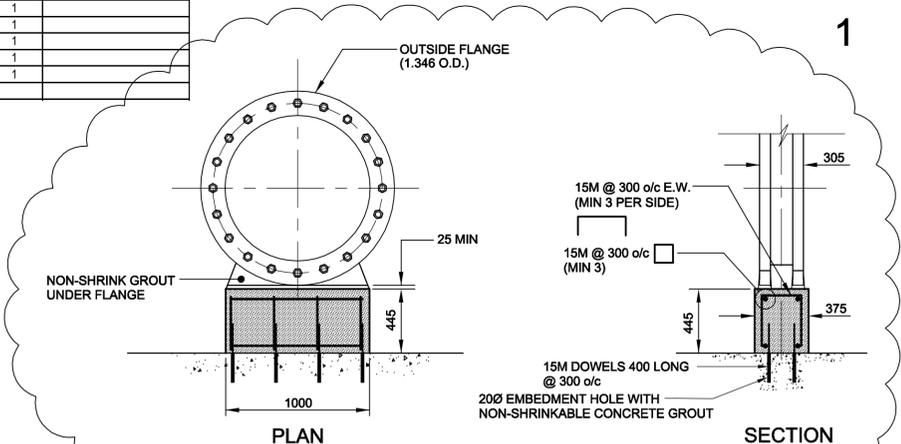
SCALE 1:25
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SECTION B

SCALE 1:25
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VALVE CHAMBER LRV1 PIPING MODIFICATIONS

VALVE CHAMBER LRV1 PIPING MODIFICATIONS			
ITEM	DESCRIPTION	NUMBER	LENGTH
1	1000 125# BLIND FLANGE	2	
2	10500 AWWA C504 FLANGED BUTTERFLY VALVE (250# FLANGE / 125# DRILLING) (CITY SUPPLIED)	1	305
3	10500 STEEL SPOOL PIECE FL x VIC44	1	1086+/- FIELD MEASURE
4	10500 VIC 44 COUPLING	1	
5	500 SCHEDULE 40 STEEL NIPPLE (THREADED)	1	
	500 STEEL FLANGE (THREADED) c/w ISOLATION KIT	1	
	500 CAST BRONZE OR BRASS FLANGE (THREADED)	1	
	500 CAST BRONZE OR BRASS NIPPLE (THREADED)	1	
	500 BRONZE BALL VALVE (THREADED)	1	
6	750 SCHEDULE 40 STEEL NIPPLE (THREADED)	2	
	750 90° FORGED STEEL ELBOW (THREADED)	1	
	750 STEEL FLANGE (THREADED) c/w ISOLATION KIT	1	
	750 CAST BRONZE OR BRASS FLANGE (THREADED)	1	
	750 CAST BRONZE OR BRASS NIPPLE (THREADED)	1	
	750 CAST BRONZE BALL VALVE (THREADED)	1	



CONCRETE VALVE BASE BLOCK DETAIL

SCALE 1:25
0 0.25 0.5 0.75 m

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE DATE
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR ADDENDUM No. 1	09/02/12	WJd
0	ISSUED FOR CONSTRUCTION	08/01/29	KMB

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DESIGNED BY	EDT	CHECKED BY	Marv McDonald
DRAWN BY	KMB	APPROVED BY	CCM
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT. SCALE		DATE	

PROFESSIONAL'S SEAL
Revision 1 Issued for Addendum No. 1 WAS SEALED BY E. D. J. TOUPIN AND DATED Feb 12, 2009
CONSULTANT DRAWING NO. D265-234-00_01-C-4001_RX.dwg

BID OPPORTUNITY NO. 90-2009

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

REPLACEMENT OF VALVE LRV1 AT MACLEAN PUMPING STATION & RESERVOIR

DETAILS & SECTIONS

SHEET 2 OF 3	REV 1
CITY DRAWING NUMBER	D-11659