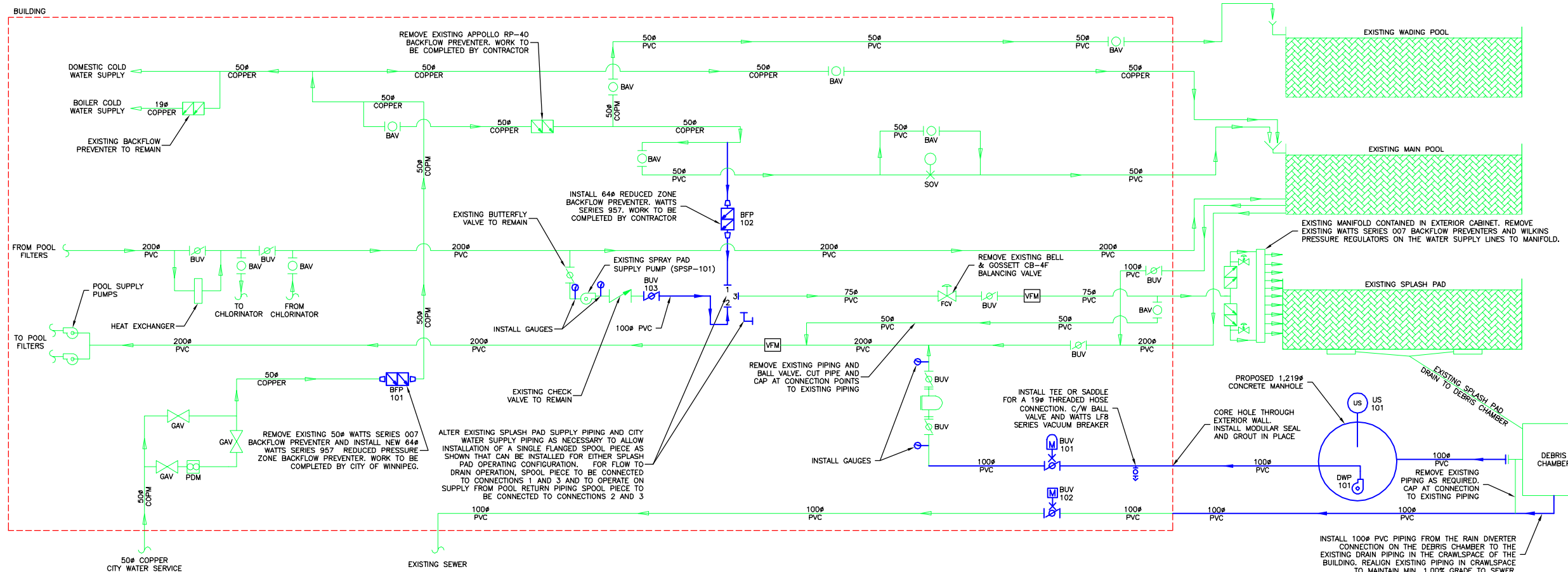


NOTES:

1. ALL EXISTING UNDERGROUND PIPING FROM THE DEBRIS CHAMBER TO THE BUILDING IS TO BE ABANDONED IN PLACE.
2. ALL HOPE PIPING AND FITTINGS TO BE DR 17
3. ALL PVC PIPING AND FITTINGS TO BE SCH 40

LEGEND

- |  |                          |  |   |
|--|--------------------------|--|---|
|  | PUMP                     |  | PRESSURE GAUGE                          |
|  | VARIABLE AREA FLOW METER |  | REDUCER                                 |
|  | GATE VALVE (GENERAL)     |  | PRESSURE REDUCING BACKFLOW PREVENTER    |
|  | BUTTERFLY VALVE          |  | STRAINER BASKET                         |
|  | BALL VALVE               |  | POSITIVE DISPLACEMENT METER             |
|  | EXISTING FLOW DIRECTION  |  | SAMPLE TAP                              |
|  | PROPOSED FLOW DIRECTION  |  | ULTRASONIC LEVEL TRANSMITTER            |
|  | FLANGE CONNECTION        |  | PRESSURE SENSOR                         |
|  | CHECK VALVE              |  | MOTORIZED VALVE (DIGITAL - OPEN/CLOSED) |
|  | FLOW CONTROL VALVE       |  | MOTORIZED VALVE (ANALOG - CONTROL)      |
|  | SOLENOID VALVE           |  |   |
|  | PRESSURE REGULATOR       |  |   |



BILL OF MATERIAL	
NO.	DESCRIPTION
BUV-101	100# ACTUATOR AND LUG STYLE BUTTERFLY VALVE. KEYSTONE FIG 222-786 C/W KEYSTONE EPL2 ELECTRIC ACTUATOR MODEL 013
BUV-102	100# ACTUATOR AND LUG STYLE BUTTERFLY VALVE. KEYSTONE FIG 222-786 C/W KEYSTONE EPL2 ELECTRIC ACTUATOR MODEL 013
BUV-103	100# LUG STYLE BUTTERFLY VALVE. KEYSTONE FIG 222-786
BFP-101	63# BACKFLOW PREVENTER. WATTS SERIES 957
BFP-102	63# BACKFLOW PREVENTER. WATTS SERIES 957
DWP-101	ZOELLER MODEL F6292. C/W GUIDE RAIL EASY DISCONNECT ASSEMBLY ZOELLER MODEL 39-0129. CONFIRM IF STARTER IS REQUIRED.
US-101	ECHOSONIC II LU27 ULTRASONIC LEVEL TRANSMITTER C/W MODEL LU25 LEVEL INDICATOR DISPLAY (MOUNTED INSIDE BUILDING) OR APPROVED EQUAL IN ACCORDANCE WITH B7.
MANHOLE	PRECAST CONCRETE. 1,219 m DIA. X 2.7 m DEEP. TO HAVE ACCESS LADDER AS PER CITY OF WINNIPEG STANDARDS, DRAWING No. SD-010. C/W ACCESS HATCH AS SHOWN IN PLAN D1.
GAUGES	65 mm FACE. DUAL SCALE (PSI/kPa) DISPLAY, GLYCERIN FILLED. GAUGES TO BE MOUNTED ON BRASS SADDLES (FORD S70). WINTERS 100 SERIES OR APPROVED EQUAL IN ACCORDANCE WITH B7.

May 28, 2015 - 11:25am (17/05/2015) Winnipeg, CN/700.02 - Westdale, SRNG, PWD/DA, Drawings/Design/PT, Westdale, Splash Pad, Rev/Mod/Rev

No.	REVISIONS	DATE	INITIALS
1	REVISED DRAIN WATER PUMP MODEL IN BILL OF MATERIALS	15/05/28	RO

B.M. EL.

LOCATIONS OF UNDERGROUND STRUCTURES/UTILITIES AS SHOWN ARE BASED ON AVAILABLE INFORMATION BUT NO GUARANTEE IS GIVEN OR IMPLIED THAT ALL EXISTING UNDERGROUND STRUCTURES/UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL UNDERGROUND STRUCTURES/UTILITIES MUST BE OBTAINED FROM THE APPROPRIATE AUTHORITY/OWNER, BY THE CONTRACTOR, BEFORE PROCEEDING WITH CONSTRUCTION.

ENGINEER'S SEAL

**PRELIMINARY**

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ENGINEERING EXCELLENCE SINCE 1981

CODE: W-700.02	PROJECT: CITY OF WINNIPEG - ALTERATIONS TO WATER CIRCULATION SYSTEM FOR WESTDALE SPLASH PAD
DESIGNED BY: RO	TITLE: WESTDALE POOL SPLASH PAD MODIFICATIONS - PROCESS FLOW DIAGRAM
DRAWN BY: RO	BID OPPORTUNITY NO. 387-2015
REVIEWED BY: JD	SCALE: NTS DATE: 15/04/21 PLAN: P1 SHEET: 2 of 7