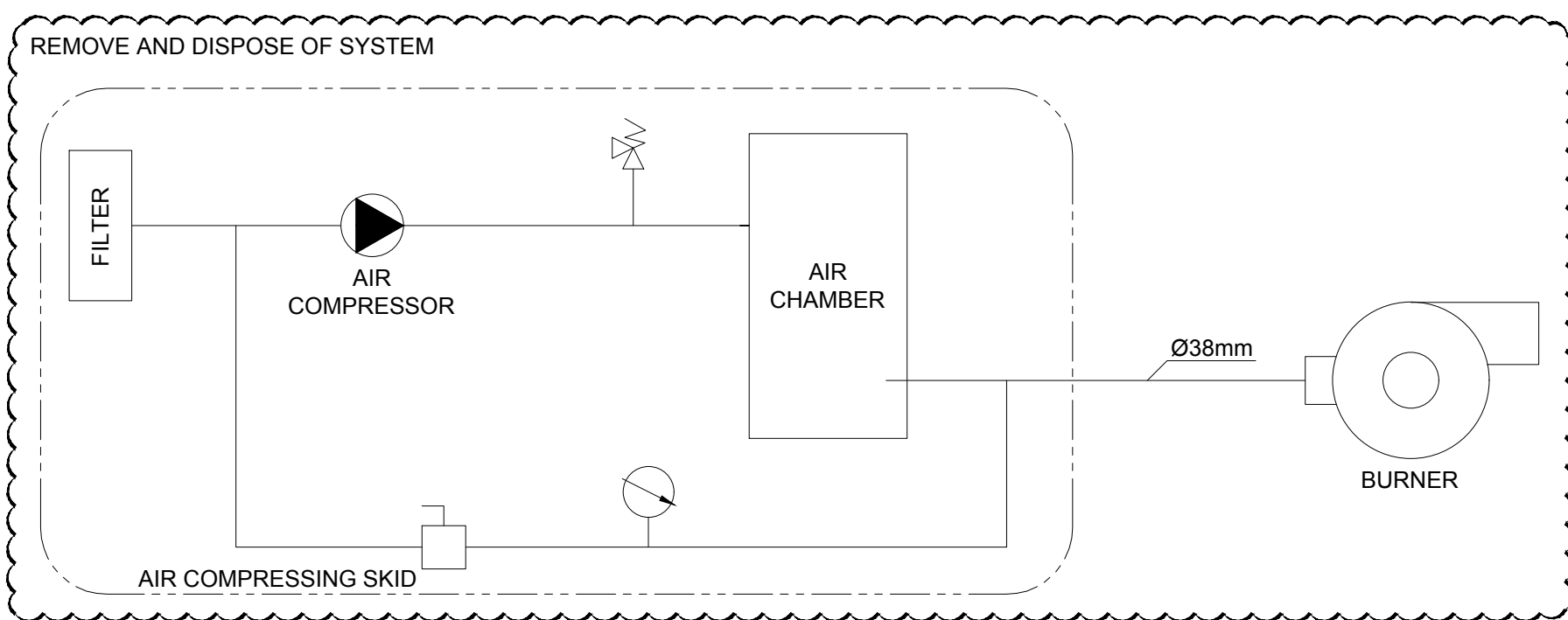


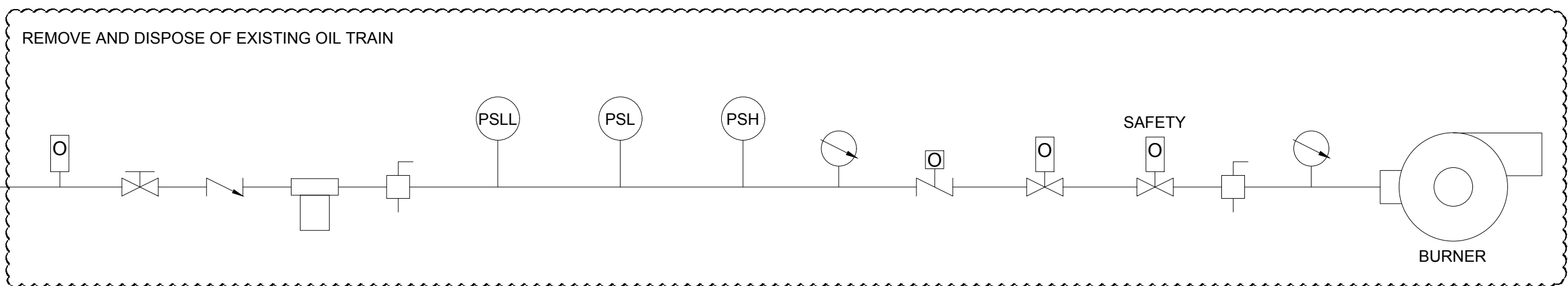
LEGEND					
ITEM	SYMBOL	REMARKS	ITEM	SYMBOL	REMARKS
DOMESTIC SANITARY VENTING LINE			LOW PRESSURE SAFETY DEVICE (CUT-OFF)		GAS OR OIL
PIPING			LOW PRESSURE SAFETY DEVICE (ALARM)		GAS OR OIL
SYSTEM PUMP			HIGH PRESSURE SAFETY DEVICE (CUT-OFF)		GAS OR OIL
FITTING - PRESSURE REDUCING VALVE			HIGH PRESSURE SAFETY DEVICE (ALARM)		GAS OR OIL
PIPE FITTING - BALL VALVE (NORMALLY OPEN)			SAFETY SHUT-OFF VALVE		
FITTING - GATE/GLOBE VALVE			SAFETY SHUT-OFF VALVE WITH PROOF OF CLOSURE SWITCH		
FITTING - CHECK VALVE			SAFETY VENT VALVE		
DEVICE - OIL FLOW METER			INPUT FLOW CONTROL VALVE WITH MECHANICAL STOP AND LOW FIRE START SWITCH		
PIPE FITTING - MODULATING OIL VALVE			MANUAL SHUT-OFF VALVE		
FITTING - MOTORIZED OIL VALVE			TEST FIRING VALVE		
FUEL GAS			PRESSURE TEST POINT		
PILOT BURNER			DEVICE - PRESSURE GAUGE		
APPLIANCE MANUAL SHUT-OFF VALVE			DEVICE - GAS FLOW METER		
FUEL FILTER			ANNOTATION, SIZE (WIDTH x DEPTH OR Ømm DIAMETER)		
PRESSURE REGULATOR					
OVERPRESSURE PROTECTION DEVICE					
FITTING - 3-WAY VALVE					
DEVICE - INLINE FILTER					

- MECHANICAL DEMOLITION NOTES:
- WORK SHALL BE STAGED TO MINIMIZE BOILER DOWNTIME. REFER TO STAGING PLAN IN SPECIFICATIONS.
 - REMOVE AND DISPOSE OF EXISTING BURNERS AND COMBUSTION INLET ON BOILERS 1 AND 2.
 - REMOVE AND DISPOSE OF EXISTING LOCAL BOILER CONTROL PANELS ON BOILER 1 AND 2. RETAIN IN PLACE SELECT WIRING TO SENSORS AND ACTUATORS FOR RECONNECTION TO NEW LOCAL BOILER CONTROL PANEL. SEE SHEET MC101 AND MC102 FOR DETAILS.
 - REMOVE AND DISPOSE OF EXISTING AIR COMPRESSORS AND COMPRESSED AIR PIPING FOR BOILERS 1 AND 2. REFER TO DETAIL 2.
 - REMOVE AND DISPOSE OF OIL AND GAS TRAINS FOR BOILERS 1 AND 2. REMOVE EXISTING OIL SUPPLY PIPING FROM EXISTING BURNERS UPSTREAM TO Ø51mm MAIN OIL SUPPLY PIPE (REMOVE APPROXIMATELY 8000mm OF OIL SUPPLY PIPE PER BOILER). REFER TO DETAILS 3 AND 4.
 - REMOVE AND RETAIN TWO DESKS AND TWO COMPUTERS FROM CONTROL ROOM.
 - REMOVE AND DISPOSE OF EXISTING CONTROL PANEL AND ALL CONTROLLERS AND EQUIPMENT CONTAINED WITHIN. SELECT CONTROLS WIRING SHALL BE REROUTED FROM EXISTING CONTROL PANEL TO NEW CONTROL CABINET. REFER TO SHEET MC101 AND MC102 FOR DETAILS.

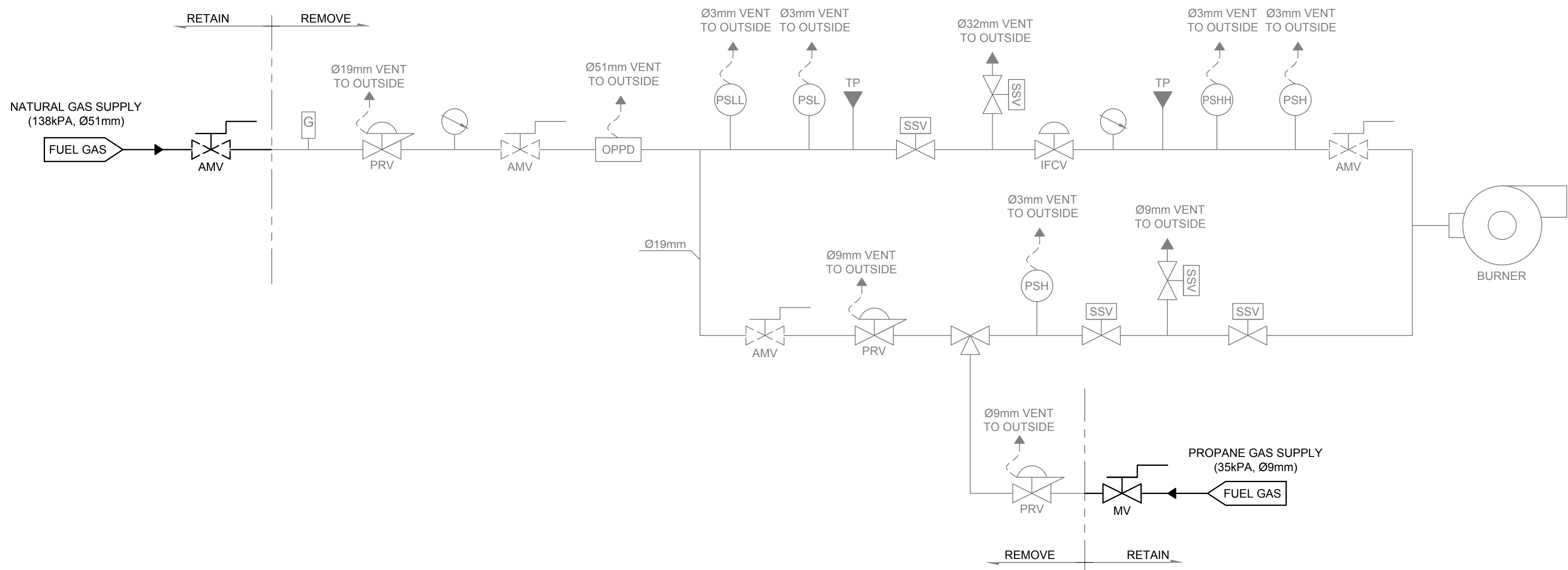
1
D101
SCALE: 1:100
BOILER ROOM
EXISTING ROOM LAYOUT & DEMOLITION



2
D101
SCALE: N.T.S.
EXISTING COMPRESSED
AIR PIPING SCHEMATIC AND DEMOLITION (TYPICAL OF 2)



3
D101
SCALE: N.T.S.
EXISTING NO. 2 HEATING OIL PIPE TRAIN
SCHEMATIC AND DEMOLITION (TYPICAL OF 2)



4
D101
SCALE: N.T.S.
EXISTING NATURAL GAS PIPE TRAIN
SCHEMATIC AND DEMOLITION (TYPICAL OF 2)

5		
4		
3	ISSUED FOR TENDER (STAMPED)	2018-05-24
2	ISSUED FOR TENDER	2018-05-04
1	ISSUED FOR 90% REVIEW	2018-04-10
0	ISSUED FOR 60% REVIEW	2018-03-09
Revision	Description	Date

Client client

PUBLIC WORKS &
GOVERNMENT SERVICES

1800-11th AVENUE, SUITE 201
REGINA, SASKATCHEWAN. S4P 0H8

Project Project
CORRECTIONAL SERVICE CANADA
SASKATCHEWAN PENITENTIARY
PRINCE ALBERT, SK

BOILER CONTROL
REPLACEMENT

Designed by Conçu par

MAH

Drawn by Dessiné par

JF

Approved by Approuvé par

RLG

PWGSC Project Manager Administrateur de Projets TPSC

SHERRI KOBELSKI

Drawing Title Titre du dessin

BOILER ROOM -
EXISTING LAYOUT AND
MECHANICAL DEMOLITION PLAN

Project no./No. du projet Drawing no./No. du dessin Revision no.

R.079836.001 D101 3

OF 8