

AREA U – UTILITIES – TUNNELS


CITY FILE No.	DRAWING No.	DRAWING TITLE
1-0103V-M0001-001	UM1.1	TUNNEL VENTILATION – SITE PLAN
1-0103V-M0002-001	UM1.2	TUNNEL VENTILATION – S675 & S685 EXISTING CONDITIONS – PLAN & SECTION
1-0103V-M0003-001	UM1.3	TUNNEL VENTILATION – S612 & S680 EXISTING CONDITIONS – PLAN & SECTION
1-0103V-M0004-001	UM1.4	TUNNEL VENTILATION – P625 & S690 EXISTING CONDITIONS – PLAN & SECTION
1-0103V-M0005-001	UM2.1	TUNNEL VENTILATION – S675 & S685 NEW CONDITIONS – PLAN & SECTION
1-0103V-M0006-001	UM2.2	TUNNEL VENTILATION – S612 & S680 NEW CONDITIONS – PLAN & SECTION
1-0103V-M0007-001	UM2.3	TUNNEL VENTILATION – P625 & S690 NEW CONDITIONS – PLAN & SECTION
1-0103V-P0001-001	UP2.1	TUNNEL VENTILATION – PROCESS & INSTRUMENTATION DIAGRAM
1-0103V-E0001-001	UE2.1	TUNNEL VENTILATION – S675 & S685 NEW CONDITIONS – PLAN – ELECTRICAL
1-0103V-E0002-001	UE2.2	TUNNEL VENTILATION – S612 & S680 NEW CONDITIONS – PLAN – ELECTRICAL
1-0103V-E0003-001	UE2.3	TUNNEL VENTILATION – S625 & S690 NEW CONDITIONS – PLAN – ELECTRICAL
1-0103V-E0004-001	UE2.4	TUNNEL VENTILATION – MUA-U600 , MCC-1U SCHEMATIC & WIRING DIAGRAM
1-0103V-E0005-001	UE2.5	TUNNEL VENTILATION – MUA-U600 , MCC-1U SCHEMATIC & WIRING DIAGRAM
1-0103V-E0006-001	UE2.6	TUNNEL VENTILATION – EF-P625 FVNR SCHEMATIC & WIRING DIAGRAM
1-0103V-E0006-001	UE2.6	TUNNEL VENTILATION – EF-P625 FVNR SCHEMATIC & WIRING DIAGRAM
1-0103V-E0007-001	UE2.7	TUNNEL VENTILATION – EF-S612, S675 AND S680 FVNR SCHEMATIC & WIRING DIAGRAM
1-0103V-E0008-001	UE2.8	TUNNEL VENTILATION – EF-S690 FVNR SCHEMATIC & WIRING DIAGRAM

AREA U – UTILITIES – ADMINISTRATION BUILDING

CITY FILE No.	DRAWING No.	DRAWING TITLE
1-0103V-P0002-001	UP3.1	ADMINISTRATION BUILDING – PROCESS FLOW DIAGRAM (EXIST) SHEET 1 OF 3
1-0103V-P0002-002	UP3.2	ADMINISTRATION BUILDING – PROCESS FLOW DIAGRAM (EXIST) SHEET 2 OF 3
1-0103V-P0002-003	UP3.3	ADMINISTRATION BUILDING – PROCESS FLOW DIAGRAM (EXIST) SHEET 3 OF 3
1-0103V-P0003-001	UP4.1	ADMINISTRATION BUILDING PROCESS FLOW DIAGRAM (NEW) SHEET 1 OF 2
1-0103V-P0003-002	UP4.2	ADMINISTRATION BUILDING – PROCESS FLOW DIAGRAM (NEW) SHEET 2 OF 2
1-0103V-M0008-001	UM3.1	ADMINISTRATION BUILDING – GENERAL ARRANGEMENT
1-0103V-M0009-001	UM3.2	ADMINISTRATION BUILDING – MECHANICAL ROOM – GENERAL LAYOUT (EXIST)
1-0103V-M0010-001	UM3.3	ADMINISTRATION BUILDING – MECHANICAL ROOM – EQUIPMENT LAYOUT (EXIST)
1-0103V-M0011-001	UM3.4	ADMINISTRATION BUILDING – MECHANICAL ROOM – O/A DUCTING LAYOUT (EXIST)
1-0103V-M0012-001	UM3.5	ADMINISTRATION BUILDING – MECHANICAL ROOM – R/A DUCTING LAYOUT (EXIST)
1-0103V-M0013-001	UM3.6	ADMINISTRATION BUILDING – MECHANICAL ROOM – S/A DUCTING LAYOUT (EXIST)
1-0103V-M0014-001	UM3.7	ADMINISTRATION BUILDING – MECHANICAL ROOM – EQUIPMENT VENT LAYOUT (EXIST)
1-0103V-M0015-001	UM3.8	ADMINISTRATION BUILDING – MECHANICAL ROOM – NATURAL GAS SUPPLY PIPING LAYOUT (EXIST)
1-0103V-M0016-001	UM3.9	ADMINISTRATION BUILDING – MECHANICAL ROOM – CONDENSATE DRAIN LAYOUT (EXIST)
1-0103V-M0017-001	UM3.10	ADMINISTRATION BUILDING – MECHANICAL ROOM – REFRIGERATION PIPING LAYOUT (EXIST)
1-0103V-M0018-001	UM3.11	ADMINISTRATION BUILDING – MECHANICAL ROOM – ROOF LAYOUT (EXIST)
1-0103V-M0019-001	UM3.12	ADMINISTRATION BUILDING – MECHANICAL ROOM – FURNACE DETAILS (EXIST)
1-0103V-M0020-001	UM4.1	ADMINISTRATION BUILDING – MECHANICAL ROOM – GENERAL LAYOUT (NEW)
1-0103V-M0021-001	UM4.2	ADMINISTRATION BUILDING – MECHANICAL ROOM – EQUIPMENT LAYOUT (NEW)
1-0103V-M0022-001	UM4.3	ADMINISTRATION BUILDING – MECHANICAL ROOM – O/A DUCTING LAYOUT [NEW]
1-0103V-M0023-001	UM4.4	ADMINISTRATION BUILDING – MECHANICAL ROOM – R/A DUCTING LAYOUT [NEW]
1-0103V-M0024-001	UM4.5	ADMINISTRATION BUILDING – MECHANICAL ROOM – S/A DUCTING LAYOUT [NEW]
1-0103V-M0025-001	UM4.6	ADMINISTRATION BUILDING – MECHANICAL ROOM – EQUIPMENT VENT LAYOUT [NEW]
1-0103V-M0026-001	UM4.7	ADMINISTRATION BUILDING – MECHANICAL ROOM – NATURAL GAS SUPPLY PIPING LAYOUT (NEW)
1-0103V-M0027-001	UM4.8	ADMINISTRATION BUILDING – MECHANICAL ROOM – CONDENSATE DRAIN PIPING LAYOUT (NEW)
1-0103V-M0028-001	UM4.9	ADMINISTRATION BUILDING – MECHANICAL ROOM – REFRIGERANT PIPING LAYOUT (NEW)
1-0103V-M0029-001	UM4.10	ADMINISTRATION BUILDING – MECHANICAL ROOM – ROOF LAYOUT (NEW)
1-0103V-M0030-001	UM4.11	ADMINISTRATION BUILDING – MECHANICAL ROOM – EQUIPMENT DETAILS AND ISOMETRICS (NEW)
1-0103V-M0031-001	UM4.12	ADMINISTRATION BUILDING – MECHANICAL ROOM – EQUIPMENT DETAILS AND ISOMETRICS (NEW)
1-0103V-M0032-001	UM4.13	ADMINISTRATION BUILDING – MECHANICAL ROOM – EQUIPMENT DETAILS AND ISOMETRICS (NEW)
1-0103V-M0033-001	UM4.14	ADMINISTRATION BUILDING – MECHANICAL ROOM – MISC. WORK (NEW)
1-0103V-E0021-001	UE4.1	ADMINISTRATION BUILDING – MECHANICAL ROOM – ELECTRICAL PLAN

AREA U – UTILITIES – MECHANICAL BAY

CITY FILE No.	DRAWING No.	DRAWING TITLE
1-0103V-S0001-001	US2.1	MECHANICAL BAY – MEZZANINE FLOOR FRAMING PLAN
1-0103V-S0002-001	US2.2	MECHANICAL BAY – STRUCTURAL – ROOF FRAMING PLAN
1-0103V-S0003-001	US2.3	MECHANICAL BAY – BUILDING SECTIONS AND DETAILS
1-0103V-S0004-001	US2.4	MECHANICAL BAY – BUILDING SECTIONS
1-0103V-M0034-001	UM5.1	MECHANICAL BAY – LOWER LEVEL VENTILATION – EXISTING CONDITIONS
1-0103V-M0035-001	UM5.2	MECHANICAL BAY – MAIN LEVEL & MEZZANINE – EXISTING EQUIPMENT
1-0103V-M0036-001	UM5.3	MECHANICAL BAY – MAIN LEVEL & MEZZANINE VENTILATION – EXISTING CONDITIONS
1-0103V-M0037-001	UM5.4	MECHANICAL BAY – UTILITY BUILDING ROOF – EXISTING CONDITIONS PLAN
1-0103V-M0038-001	UM5.5	MECHANICAL BAY – UTILITY BUILDING – EXISTING GARAGE NATURAL GAS DISTRIBUTION PLAN
1-0103V-M0039-001	UM5.6	MECHANICAL BAY – MAIN LEVEL & MEZZ. – EXISTING CONDITIONS ISOMETRIC
1-0103V-M0040-001	UM5.7	MECHANICAL BAY – UTILITY BUILDING ROOF – EXISTING CONDITIONS ISOMETRIC
1-0103V-M0041-001	UM6.1	MECHANICAL BAY – LOWER LEVEL VENTILATION – NEW CONDITIONS
1-0103V-M0042-001	UM6.2	MECHANICAL BAY – MAIN LEVEL & MEZZANINE – NEW EQUIPMENT
1-0103V-M0043-001	UM6.3	MECHANICAL BAY – MAIN LEVEL & MEZZANINE VENTILATION – NEW CONDITIONS
1-0103V-M0044-001	UM6.4	MECHANICAL BAY – UTILITY BUILDING ROOF – NEW CONDITIONS PLAN
1-0103V-M0045-001	UM6.5	MECHANICAL BAY – UTILITY BUILDING GARAGE – MODIFIED NATURAL GAS DISTRIBUTION PLAN
1-0103V-M0046-001	UM6.6	MECHANICAL BAY – VENTILATION – NEW CONDITIONS ELEVATIONS
1-0103V-M0047-001	UM6.7	MECHANICAL BAY – VENTILATION – NEW CONDITIONS ELEVATIONS
1-0103V-M0048-001	UM6.8	MECHANICAL BAY – LOWER LEVEL VENTILATION – NEW CONDITIONS ISOMETRIC
1-0103V-M0049-001	UM6.9	MECHANICAL BAY – VENTILATION – NEW CONDITIONS ISOMETRIC
1-0103V-M0050-001	UM6.10	MECHANICAL BAY – U640-AHU VENT. SYSTEM – NEW CONDITIONS ISOMETRIC
1-0103V-M0051-001	UM6.11	MECHANICAL BAY – U610-MUA GARAGE VENTILATION – NEW CONDITIONS ISOMETRIC
1-0103V-M0052-001	UM6.12	MECHANICAL BAY – UTILITY BUILDING ROOF – NEW CONDITIONS ISOMETRIC
1-0103V-M0053-001	UM6.13	MECHANICAL BAY – U600-MUA BLOWER ROOM ACCESS PLAN
1-0103V-M0054-001	UM6.14	MECHANICAL BAY – EXISTING O/A LOUVERED PLENUM MODIFICATIONS
1-0103V-P0004-001	UP6.1	MECHANICAL BAY – PROCESS & INSTRUMENTATION DIAGRAM SHEET 1 OF 3
1-0103V-P0004-002	UP6.2	MECHANICAL BAY – PROCESS & INSTRUMENTATION DIAGRAM SHEET 2 OF 3
1-0103V-P0004-003	UP6.3	MECHANICAL BAY – PROCESS & INSTRUMENTATION DIAGRAM SHEET 3 OF 3
1-0103V-E0009-001	UE6.1	MECHANICAL BAY – LOWER LEVEL VENTILATION – ELECTRICAL
1-0103V-E0010-001	UE6.2	MECHANICAL BAY – MAIN LEVEL AND MEZZANINE – ELECTRICAL
1-0103V-E0011-001	UE6.3	MECHANICAL BAY – MUA-U640, MCC-2U SCHEMATIC & WIRING DIAGRAM
1-0103V-E0012-001	UE6.4	MECHANICAL BAY – MUA-U605, MCC-2U SCHEMATIC & WIRING DIAGRAM
1-0103V-E0013-001	UE6.5	MECHANICAL BAY – MUA-U610, MCC-1U SCHEMATIC & WIRING DIAGRAM
1-0103V-E0014-001	UE6.6	MECHANICAL BAY – SF-U620 FVNR SCHEMATIC & WIRING DIAGRAM
1-0103V-E0015-001	UE6.7	MECHANICAL BAY – EF-U670 FVNR SCHEMATIC & WIRING DIAGRAM
1-0103V-E0016-001	UE6.8	MECHANICAL BAY – EF-U675 FVNR SCHEMATIC & WIRING DIAGRAM
1-0103V-E0017-001	UE6.9	MECHANICAL BAY – EF-U625 FVNR SCHEMATIC & WIRING DIAGRAM
1-0103V-E0018-001	UE6.10	MECHANICAL BAY – EF-U635 FVNR SCHEMATIC & WIRING DIAGRAM
1-0103V-P0005-001	UE6.11	MECHANICAL BAY – NETWORK SYSTEM ARCHITECTURE
1-0103V-E0019-001	UE6.12	MECHANICAL BAY – PLC PANEL ARRANGEMENT
1-0103V-E0020-001	UE6.13	MECHANICAL BAY – PLC PANEL POWER SCHEMATIC SHEET 1 OF 2
1-0103V-E0020-002	UE6.14	MECHANICAL BAY – PLC PANEL POWER SCHEMATIC SHEET 2 OF 2
1-0103V-A0001-001	UI6.1	MECHANICAL BAY – SLOT 1 DISCRETE INPUT LOOP DRAWING SHEET 1 OF 2
1-0103V-A0001-002	UI6.2	MECHANICAL BAY – SLOT 2 DISCRETE INPUT LOOP DRAWING SHEET 2 OF 2
1-0103V-A0002-001	UI6.3	MECHANICAL BAY – SLOT 2 DISCRETE INPUT LOOP DRAWING SHEET 1 OF 2
1-0103V-A0002-002	UI6.4	MECHANICAL BAY – SLOT 2 DISCRETE INPUT LOOP DRAWING SHEET 2 OF 2
1-0103V-A0003-001	UI6.5	MECHANICAL BAY – SLOT 3 DISCRETE INPUT LOOP DRAWING SHEET 1 OF 2
1-0103V-A0003-002	UI6.6	MECHANICAL BAY – SLOT 3 DISCRETE INPUT LOOP DRAWING SHEET 2 OF 2
1-0103V-A0004-001	UI6.7	MECHANICAL BAY – SLOT 5 DISCRETE OUTPUT LOOP DRAWING SHEET 1 OF 2
1-0103V-A0004-002	UI6.8	MECHANICAL BAY – SLOT 5 DISCRETE OUTPUT LOOP DRAWING SHEET 2 OF 2
1-0103V-A0005-001	UI6.9	MECHANICAL BAY – SLOT 6 ANALOG INPUT LOOP DRAWING
1-0103V-A0006-001	UI6.10	MECHANICAL BAY – SLOT 7 ANALOG INPUT LOOP DRAWING
1-0103V-A0007-001	UI6.11	MECHANICAL BAY – SLOT 10 ANALOG OUTPUT LOOP DRAWING
1-0103V-A0008-001	UI6.12	MECHANICAL BAY – SLOT 11 ANALOG OUTPUT LOOP DRAWING

B.M. ELEV.	FIELD BOOK #:	<b>ALLIANCE</b> <i>Engineering Services Inc.</i>	ENGINEER'S SEAL	 <b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT
POSTED TO LBS				
		DESIGNED BY AFG/JC	CHECKED BY AFG	2010 HVAC REPLACEMENT AND ASSOCIATED WORKS WEWPCC GENERAL DRAWING LIST
		DRAWN BY AS	APPROVED BY	
		HOR. SCALE 1:75	RELEASED FOR CONSTRUCTION	CONSULTANT DRAWING NO. LG2.1
00 ISSUED FOR TENDER	2010-12-21	AFG	VERTICAL	
NO. REVISIONS	DATE	BY	DATE	SHEET 1 of 1 CITY DRAWING NUMBER 1-0103A-P0007-002
			2010-08-23	