A1 SIZE – 594mm x 841mm

PANEL ID: PNL-1A	AMPS: 100	VOLTS: 120/208V	PHASE: 3ø	WIRE: 4	SURF. MOUNT [X] FLUSH MOUNT [ ]	TOP FED [ ] BOT. FED [ ]
DESCRIPTION: ESSENTIAL			LOCATION: ADMINISTRATION BUILDING ELECTRICAL ROOM			
MFG / MODEL: CUTLER HAMMER P1RL3A-42			INTERRUPTING RATING: 10KA			
MAIN BREAKER: N/A			INST. SETTINGS: N/A			

CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A B C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.
1	EXIT LIGHTS			15	1000W		850W	15			LIGHTS – ELEC/FR. STRS/BSMT. CORR.	2
3	LIGHTS – LUNCH/CORR/REC/LAB			15	1200W		900W	15			~~LIGHTS OUTSIDE BACK DOOR~~	4
5	LIGHTS – BKSTAIRS/WASH/LOCKER RM.			15	500W						~~BPS–M1~~ SPARE	6
7	~~RECEPTACLE – TELEPHONE POLE~~			15	300W			15			~~SPARE~~	8
9	GRIT ELEVATOR (U–G571) LIGHTS			15	500W			15			~~BURGLAR ALARM~~ SPARE	10
11	~~SPARE~~			15				15			~~COUNTER PLUG IN LUNCH ROOM~~ SPARE	12
13	~~PAGING SYSTEM~~ SPARE			15				15			~~COUNTER PLUG IN LUNCH ROOM~~ SPARE	14
15	SPARE			15							~~SPACE~~	16
17				2P							SPACE	18
19	WOMEN'S LOCKER ROOM LIGHTS			15	800W						SPACE	20
21	MEN'S LOCKER ROOM LIGHTS			15	800W		700W	15			LIGHTS RMS M119, M151, M116	22
23	~~SPACE~~ MAIN CONTROL ROOM M123 LIGHTS		12	15	210		300W	15			LIGHTS RMS M139, M127, M142	24
25	SPACE							15 3P			SPARE	26
27	SPACE											28
29	SPACE											30
31	SPACE										SPACE	32
33	SPACE										SPACE	34
35	SPACE										SPACE	36
37	SPACE										SPACE	38
39	SPACE										SPACE	40
41	SPACE										SPACE	42

TOTAL CONNECTED LOAD: kVA / A (AVG) / A (MAX) — PHASE A: kVA A; PHASE B: kVA A; PHASE C: kVA A

NOTE LEGEND:
AFCI ARC FAULT CIRCUIT INTERRUPTOR
GFCI GROUND FAULT CIRCUIT INTERRUPTOR
LOCK LOCKED BREAKER

NOTES:
1. LOADS COPPED FROM EXISTING DRAWINGS.

PANEL ID: PNL-1B	AMPS: 225	VOLTS: 120/208V	PHASE: 3ø	WIRE: 4	SURF. MOUNT [X] FLUSH MOUNT [ ]	TOP FED [ ] BOT. FED [ ]
DESCRIPTION: –			LOCATION: ADMINISTRATION BUILDING ELECTRICAL ROOM			
MFG / MODEL: CUTLER HAMMER P1RL3A-42			INTERRUPTING RATING: 10KA			
MAIN BREAKER: N/A			INST. SETTINGS: N/A			

CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A B C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.
1	MICROWAVE – LUNCH ROOM			15				15			HALLWAY LIGHTS	2
3	MICROWAVE – LUNCH ROOM			15				15			LIGHTS – WASH RM, JAN. RM. MECH RM 118	4
5	FREEZER PLUG HVAC RM 118			15				15			LIGHTS – MAIN FLOOR CORR. BY ALARM	6
7	LIGHTS OUTSIDE FRONT			15				15			FRONT OFFICE	8
9	LIGHTS OUTSIDE FRONT			15				15			LIGHTS LAB OFFICE	10
11	LIGHTS LOBBY AREA			15				15			WOMAN'S WASH RM, OPER RM.	12
13	~~LAB LIGHTS~~ MAIN CONTROL ROOM LIGHTS			15	600			15			COUNTER RECEPTACLE– LUNCH ROOM	14
15	~~LIGHTS LAB~~ SPARE			15				2P				16
17	RECEPTACLE & LIGHTS – LUNCH ROOM			15				15			RECEPTACLE – HALLWAY	18
19	CLOCK & RECEPT. – RECEPTION AREA			15				15			LIGHTS – LUNCH ROOM	20
21	NORTH SIDE – RECEPTION AREA			15				15			COUNTER RECEPTACLE – LUNCH ROOM	22
23	RECEPTACLE – NORTH LUNCH ROOM			15				2P				24
25	COUNTER RECEPTACLE – LUNCH ROOM			15				15			RECEPTACLE TVSS – FRONT OFFICE	26
27	COUNTER RECEPTACLE – LUNCH ROOM			15				15			RECEPTACLE – LOCKER ROOM	28
29	SPARE			15				15			COKE MACHINE	30
31	RANGE – LUNCH ROOM			40				15			DRINK FOUNTAIN	32
33				2P				15			KITCHEN EXHAUST	34
35	RECEPTACLE – OVERHANG			15				15			RECEPTACLE – ELECTRICAL ROOM	36
37	FRIDGE – LUNCH ROOM			15				20			COUNTER RECEPTACLE – LUNCH ROOM	38
39				2P				2P				40
41	SPACE			15				15			DISHWASHER	42

TOTAL CONNECTED LOAD: kVA / A (AVG) / A (MAX) — PHASE A: kVA A; PHASE B: kVA A; PHASE C: kVA A

NOTE LEGEND:
AFCI ARC FAULT CIRCUIT INTERRUPTOR
GFCI GROUND FAULT CIRCUIT INTERRUPTOR
LOCK LOCKED BREAKER

NOTES:
1. –

PANEL ID: PNL-1C	AMPS: 225	VOLTS: 120/208V	PHASE: 3ø	WIRE: 4	SURF. MOUNT [X] FLUSH MOUNT [ ]	TOP FED [ ] BOT. FED [ ]
DESCRIPTION: –			LOCATION: ADMINISTRATION BUILDING ELECTRICAL ROOM			
MFG / MODEL: CUTLER HAMMER P1RL3A-42			INTERRUPTING RATING: 10KA			
MAIN BREAKER: N/A			INST. SETTINGS: N/A			

CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A B C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.
1	~~RM 123 EXH. FAN #182~~ CP–M820–1			15				15	12		CP–M902 SERVER RACK PDU A	2
3	~~RM 123 EXH. FAN #180~~ SPARE			15				15			(UNKNOWN)	4
5	~~RM 123 FUME HOOD SUPPLY FAN~~ SPARE			15			100	15	12		~~RM 123 DISHWASHER~~ EF–M689, M131 JANITOR CLOSET	6
7	~~RM 123 RECEPTACLE~~ SPARE			15	500			15			(UNKNOWN)	8
9	CP–M901 SERVER RACK PDU A		12	15				15			(UNKNOWN)	10
11	~~RM 123 FUME HOOD~~ SITE GATE OPERATOR U–Y510		8	20	1050			15			~~SPACE~~ COUNTER PLUG IN LUNCH ROOM	12
13				2P	1050			15			~~SPACE~~ COUNTER PLUG IN LUNCH ROOM	14
15	~~RM 0127 SCREEN RM LTG~~			15			1050	20	8		~~RM 123 FUME HOOD REC~~ SITE GATE OPERATOR U–Y511	16
17	RM 132/133 WASHROOM EXH.			15			1050	2P				18
19	SPARE			15				15			(UNKNOWN)	20
21	~~DISHWASHER~~ SPARE			30				2P				22
23	SPACE							20			~~RM 123 VAC. PUMP #140~~ SPARE	24
25	~~RM 123 RECEPTACLE~~ SPARE			15			360	15		3	RM 123 RECEPTACLES	26
27	RM 123 RECEPTACLE			15	120		120	15		2	~~RM 123 FRIDGE RECEP.~~ JANITOR RM RECP.	28
29	~~RM 123 RECEP. & CAMERA~~ SPARE			15			360	15		1	RM 123 RECEPTACLE	30
31	RM 123 RECEPTACLES			15	360		130	15	12		~~RM 123 RECEP.~~ ACU–M641, M123 CONTROL RM	32
33	~~RM 123 FURNACE REC.~~ SPARE			50			130	2P				34
35				2P				15			~~CONTROL RM M142 NP–900.PSP 24V P.S~~	36
37	~~RM 123 208V REC ON COUNTER~~			15	130		150	15	12	LOCK	~~SPACE~~ BPS–1M	38
39	~~NORTH WALL LAB ACU–M642~~ M142 AUTO RM		12	2P	130			15	12		CP–M902 SERVER RACK PDU B	40
41	RM M142 RECEPT. NP–M900		12	15	500			15	12		CP–M901 SERVER RACK PDU B	42

TOTAL CONNECTED LOAD: kVA / A (AVG) / A (MAX) — PHASE A: kVA A; PHASE B: kVA A; PHASE C: kVA A

NOTE LEGEND:
AFCI ARC FAULT CIRCUIT INTERRUPTOR
GFCI GROUND FAULT CIRCUIT INTERRUPTOR
LOCK LOCKED BREAKER

NOTES:
1. (NOT USED)
2. GFCI RECEPTACLE
3. TVSS RECEPTACLE

PANEL ID: PNL-1D	AMPS: 225	VOLTS: 120/208V	PHASE: 3ø	WIRE: 4	SURF. MOUNT [X] FLUSH MOUNT [ ]	TOP FED [ ] BOT. FED [ ]
DESCRIPTION: NON–ESSENTIAL			LOCATION: ADMINISTRATION BUILDING ELECTRICAL ROOM			
MFG / MODEL: WESTINGHOUSE NBAH			INTERRUPTING RATING: 10KA			
MAIN BREAKER: N/A			INST. SETTINGS:			

CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A B C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.
1	LIGHTS – MEN'S LOCKER ROOM			15	600W		1000W	15		GFCI	RECEPTACLE – MEN'S LOCKER ROOM	2
3	~~LIGHTS – MEN'S LOCKER ROOM~~			15	1050W		1250W	15		GFCI	RECEPTACLE – WOMEN'S LOCKER ROOM	4
5	RECEPTACLE – MEN'S LOCKER ROOM	GFCI		15	1000W		900W	15			~~LIGHTS – WOMEN'S LOCKER ROOM~~	6
7	HAIR DRYER			15	1150W		1150W	15			~~SOUTH HAIR DRYER~~ SPARE	8
9	MEN'S LOCKER ROOM			2P	1150W		1150W	2P			~~WOMEN'S LOCKER ROOM~~	10
11	HAIR DRYER			15	1150W		1150W	15			~~NORTH HAIR DRYER~~	12
13	MEN'S LOCKER ROOM			2P	1150W		1150W	2P			WOMEN'S LOCKER ROOM	14
15	HAIR DRYER			15	1150W			15			STAIR HEATER ADMIN BUILDING	16
17	MEN'S LOCKER ROOM			2P	1150W			15			SPARE	18
19	LIGHTS – CONFERENCE ROOM M144			15	750W		600W	15			LIGHTS – RMS M116, M151	20
21	LIGHTS – CONFERENCE ROOM M144			15	750W		600W	15			LIGHTS – RM M119	22
23	LIGHTS – RMS M140, M141			15	1200W		1000W	15			LIGHTS – RMS M146, M147, M114, M145	24
25	LIGHTS / RECEPT. – RM M142			15	1200W		1000W	15			LIGHTS – ROOM M127	26
27	LIGHTS / RECEPT. PCG RM M143			15	1200W		800W	15			PROJECTOR SCREEN & LIGHTS	28
29	RECEPTACLE – MAIN FLOOR			15	1000W		1000W	15			RECEPTACLE – BASEMENT	30
31	RECEPTACLE – MAIN FLOOR			15	1000W		1200W	15			RECEPTACLE – BASEMENT	32
33	CONDENSOR UNIT		10	30	1200W		1000W	15			RECEPTACLE – BASEMENT	34
35	M655–ACU			2P	1200W		800W	15			LIGHTS – MECHANICAL ROOM M148	36
37	PANEL MCP1 POWER SUPPLY			15	300W		1100W	15			LIGHTS – RMS M149, M150, M107	38
39	LIGHTS – CONFERENCE ROOM 144			15	450W		1200W	30			CONDENSOR UNIT	40
41	LIGHTS – CONFERENCE ROOM 144			15	450W		1200W	2P			M656–ACU	42

TOTAL CONNECTED LOAD: kVA / A (AVG) / A (MAX) — PHASE A: kVA A; PHASE B: kVA A; PHASE C: kVA A

NOTE LEGEND:
AFCI ARC FAULT CIRCUIT INTERRUPTOR
GFCI GROUND FAULT CIRCUIT INTERRUPTOR
LOCK LOCKED BREAKER

NOTES:
1. LOADS COPIED FROM EXISTING DRAWINGS.
2. ALL WIRING 12 AWG EXCEPT AS NOTED.

PANEL ID: PNL-2X (1)	AMPS: 225	VOLTS: 120/208V	PHASE: 3ø	WIRE: 4	SURF. MOUNT [X] FLUSH MOUNT [ ]	TOP FED [ ] BOT. FED [X]
DESCRIPTION: UNINTERRUPTIBLE (FED FROM UPS–M1)			LOCATION: ADMINISTRATION BUILDING ELECTRICAL ROOM			
MFG / MODEL: WESTINGHOUSE PRL–1			INTERRUPTING RATING: 10KA			
MAIN BREAKER: N/A			INST. SETTINGS: N/A			

CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A B C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.
1	OIS NODE 2		12	15	1200		600	15	12		OIS NODE 1	2
3	CCTV		12	15	300		1200	30	10		PCU 'SH'	4
5	IT W/S		12	15	1200		100	15	12		CONTROL RM M142 NP–900.PSP 24V P.S	6
7	SUPERVISOR W/S		12	15	700		600	15	12		RECPT. NP–M1 POWER STRIP	8
9	JBA–UPS–M1		12	15	40		600	15	12		~~NP–M1 POWER STRIP~~ SPARE	10
11	NETWORK		12	15	300		150	15	12		~~SPARE~~ BURGLAR ALARM	12
13	~~SPACE~~ PAGING SYSTEM		12	15	500		1200	15	12		ADMIN NETWORK PNL NP–M906	14
15	CW–M878 MAINTENANCE WORKSTATION		12	15	200		1200	15	12		CP–M901 SERVER RACK FDU A	16
17	CP–M902 SERVER RACK PDU A		12	15	1200		1200	15	12		CP–M901 SERVER RACK FDU B	18
19	CP–M902 SERVER RACK PDU B		12	15	200		200	15	12		CCTV POWER JUNCTION BOX	20
21	RECPT. CONTROL RM M123		12	15	200		400	15	12		RECPT. CONTROL SYSTEM OFFICE M143	22
23	RECPT. CONTROL RM M123		12	15	200		–	15	–		SPARE	24
25	RECPT. CONTROL RM M123		12	15	500		–	15	–		SPARE	26
27	RECPT. CONTROL RM M123		12	15	500		–	15	–		SPARE	28
29	RECPT. CONTROL RM M123		12	15	500		–	15	–		SPARE	30

TOTAL CONNECTED LOAD: – kVA / – A (AVG) / – A (MAX) — PHASE A: – kVA – A; PHASE B: – kVA – A; PHASE C: – kVA – A

NOTE LEGEND:
AFCI ARC FAULT CIRCUIT INTERRUPTOR
GFCI GROUND FAULT CIRCUIT INTERRUPTOR
LOCK LOCKED BREAKER

NOTES:
1. –

GENERAL NOTES (00)

1. PANEL SCHEDULE INFORMATION IS BASED ON EXISTING SCHEDULES, HAS NOT BEEN FIELD VERIFIED AND IS TO BE USED AS A GENERAL REFERENCE ONLY. THE INFORMATION SHALL NOT BE CONSTRUED AS BEING ACCURATE. THE CONTRACTOR SHALL TRACE ALL CIRCUITS AND WIRING PRIOR TO REMOVAL OF WIRE/CONDUIT AND PRIOR TO RE–USE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING NEW CONNECTIONS, AND PROVIDING WIRING AND CONDUIT FOR SYSTEMS WHICH ARE STILL REQUIRED AND ARE DE–ENERGIZED DUE TO REMOVAL OF OTHER SYSTEMS.
2. PROVIDE COMPLETE, UPDATED PANEL SCHEDULES (HARDCOPY AND MICROSOFT EXCEL SOFT COPY) FOR ALL PANELBOARDS.
3. CLOUDED PORTIONS INDICATE NEW WORK / MODIFICATIONS TO EXISTING SYSTEM.
4. ESTIMATED MODIFICATIONS TO PANEL SCHEDULES ARE SHOWN CLOUDED. ACTUAL MODIFICATIONS MAY VARY DEPENDING ON THE RESULTS OF ON–SITE CIRCUIT TRACING TO BE CONDUCTED BY THE ELECTRICAL CONTRACTOR. CLOUDED PORTIONS SHOW THE GENERAL INTENT ONLY.
5. MODIFICATIONS TO PANEL SCHEDULE ARE SHOWN WITH A LINE THROUGH THE EXISTING LOAD FOLLOWED BY THE NEW LOAD. (E.G "~~SPARE~~ MAIN CONTROL ROOM LIGHTS"). DO NOT SHOW THE EXISTING REMOVED LOADS WHEN PROVIDING UPDATED PANEL SCHEDULES.
6. PROVIDE NEW CIRCUIT BREAKERS IN THE EXISTING PANELBOARDS AS REQUIRED IN ORDER TO ACCOMMODATE THE NEW LOADS FED OUT OF THE EXISTING PANELS. NEW CIRCUIT BREAKERS SHALL MATCH THE EXISTING BREAKER MANUFACTURER, MODEL, INTERRUPTING RATINGS, AND BE SUITABLE FOR INSTALLATION IN THE PANELS.

CONSTRUCTION NOTES

1. REMOVE EXISTING 18 CCT. UPS PANELBOARD, PNL 2X, AND REPLACE WITH NEW 30 CCT. PANELBOARD TO ACCOMMODATE NEW LOADS. RETAIN EXISTING CABLING CONDUIT RECONNECT TO NEW PANELBOARD. LOCATE PANEL WHERE EXISTING PANEL IS LOCATED. EXISTING PANEL IS FLUSH MOUNT WHILE NEW PANEL WILL BE SURFACE MOUNT. ELECTRICAL CONTRACTOR IS TO MAKE ADJUSTMENT ACCORDINGLY TO TRANSITION FROM FLUSH MOUNT TO SURFACE MOUNT PANEL. PATCH, REPAIR, AND PAINT WALL FOR COMPLETE AND FINISHED APPEARANCE.
2. PROVIDE 15 AMP BREAKER TO FEED NEW LIGHTS IN MAIN CONTROL ROOM (M123). PROVIDE WIRING RUN IN CONDUIT FROM SOURCE PANEL TO LIGHTS. REFER TO DWG 1–0102–EGAD–M001.
3. DISCONNECT 120V GRIT ELEVATOR LIGHTS FROM PNL–4G AND CONNECT TO EMERGENCY LIGHTING PANELBOARD PNL–1A. REMOVE EXISTING CABLING/CONDUIT BACK TO EXISTING SOURCE PANEL AND PROVIDE NEW 12 AWG RW90 WIRING IN 21mm CONDUIT FROM PNL–1A.
4. REMOVE REDUNDANT WIRING AS THE LIGHTING LOADS ARE TO BE RE–FED FROM OTHER CIRCUITS AS INDICATED IN 1–0102–EGAD–M001. MARK AS 'SPARE' IN PANEL SCHEDULE.
5. TRANSFER THE PAGING SYSTEM FROM PNL–1A TO PNL–2X. EXTEND WIRING AND CONDUIT AS REQUIRED.
6. TRANSFER THE BURGLAR ALARM FROM PNL–1A TO PNL–2X. EXTEND WIRING AND CONDUIT AS REQUIRED.
7. TRANSFER THE FIRE ALARM BOOSTER SUPPLY PANEL, BPS–M1, FROM PNL–1A TO PNL–1C. EXTEND WIRING AND CONDUIT AS REQUIRED.
8. TRANSFER THE LUNCH ROOM COUNTER PLUGS FROM PNL–1A TO PNL–1C. EXTEND WIRING AND CONDUIT AS REQUIRED.
9. PROVIDE 15A BREAKER TO FEED NEW LOADS IN SERVER ROOM M142 AND COMPUTER ROOM M143. PROVIDE WIRING RUN IN CONDUIT FROM SOURCE PANEL TO LOADS.
10. PROVIDE 2P, 20A BREAKER TO FEED EACH SITE GATE MOTOR OPERATOR, U–Y510 AND U–Y511. REFER TO EGAD–Y007 FOR LOCATION OF MOTOR OPERATORS.
11. CCTV POWER CIRCUIT JUNCTION BOX FROM UPS PANEL PNL–2X. REFER TO DRAWING EGAD–Y007 FOR LOCATION OF JUNCTION BOX AND APPROXIMATE CONDUIT ROUTING.
12. PROVIDE WIRING RUN IN CONDUIT FROM SOURCE PANEL TO FAN EF–M689 LOCATED IN JANITOR'S CLOSET (M131) ADJACENT TO CONTROL ROOM. REUTILIZE EXISTING 15A BREAKER.
13. PROVIDE WIRING RUN IN CONDUIT FROM SOURCE PANEL TO CONTROL ROOM (M123) AIR CONDITIONING UNIT ACU–M641. REUTILIZE EXISTING 15A, 2 POLE BREAKER IN PNL–1C. REFER TO DRAWING EWDG–M001 FOR WIRING DIAGRAM OF AIR CONDITIONING UNIT.
14. PROVIDE WIRING RUN IN CONDUIT FROM SOURCE PANEL TO AUTOMATION ROOM (M142) AIR CONDITIONING UNIT ACU–M642. REPLACE EXISTING 2 POLE BREAKER IN PNL–1C WITH A 15A, 2 POLE BREAKER. REFER TO DRAWING EWDG–M001 FOR WIRING DIAGRAM OF AIR CONDITIONING UNIT.
15. REPLACE EXISTING 15A, 1P BREAKER WITH GFCI BREAKER.

REFERENCE DRAWINGS	DESCRIPTION
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NOTES

1. THIS DRAWING SUPERCEDES DRAWING 1–0102M–E0011.

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION – 976–2016	2017/04/05	VVE	DEB

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: V. ELIMBAN
CHECKED BY: E. RYCZKOWSKI
DRAWN BY: MJ. PERSSON
APPROVED BY: D. BECKER
SCALE: NTS
ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2015/07/03
DATE: 2017/04/05
CONSULTANT NO.: 474248

ENGINEER'S SEAL: PROVINCE OF MANITOBA — D.E. BECKER — Member 23646 — REGISTERED PROFESSIONAL ENGINEER — April 5 2017

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
ELECTRICAL
ADMINISTRATION BUILDING
PANEL SCHEDULES

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0102–ESCH–M001	001	00	A1

PLOT DATE: Mar 30, 2017 – 11:10am
FILE NAME:1–0102–ESCH–M001.dwg

LAST SAVE: 2017/03/30 – 11:10am
PATH: C:\pw_workdir\ch2mhill_wbg\ve006717\d0356327\1–0102–ESCH–M001.dwg