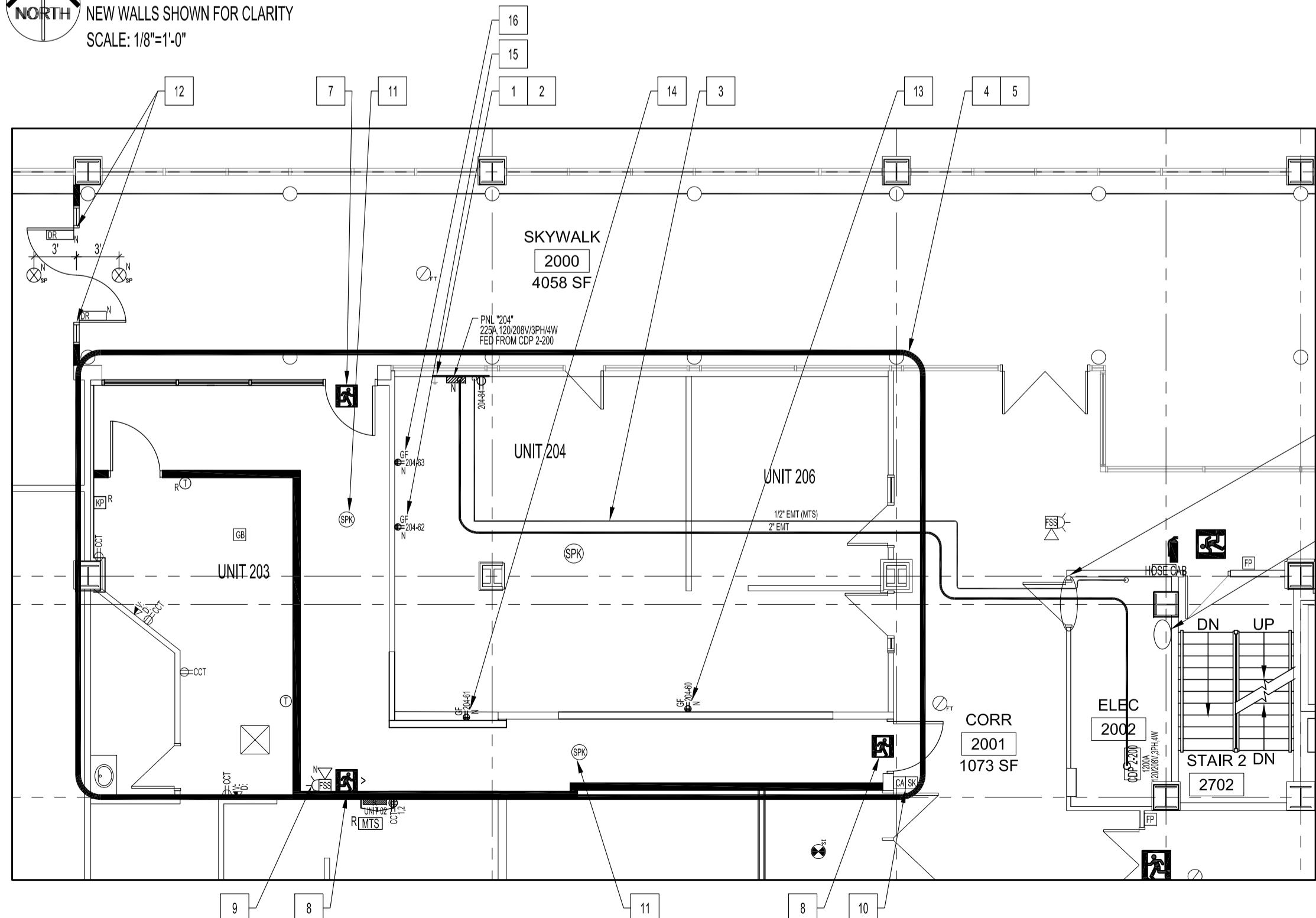


**PARTIAL SECOND FLOOR PLAN - DEMOLITION - POWER, DATA & COMMUNICATIONS**  
 NEW WALLS SHOWN FOR CLARITY  
 SCALE: 1/8"=1'-0"

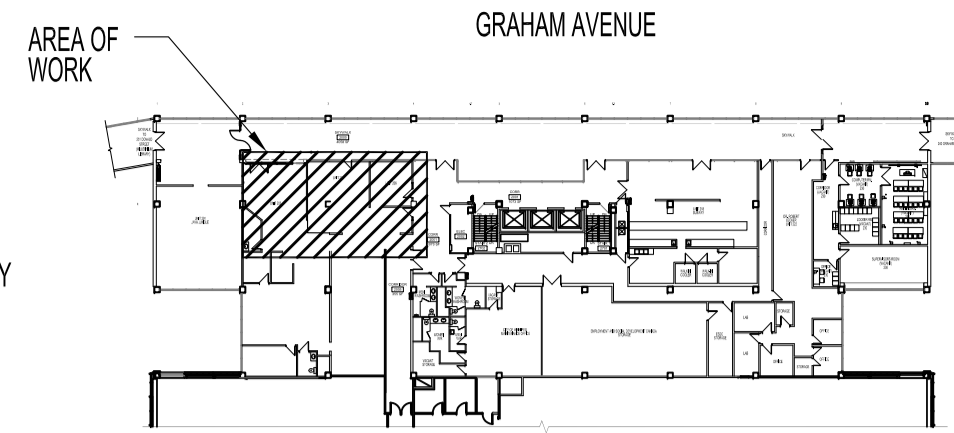


**PARTIAL SECOND FLOOR PLAN - RENOVATION - POWER, DATA & COMMUNICATIONS**  
 SCALE: 1/8"=1'-0"

**POWER, DATA & COMMUNICATION DEMOLITION NOTES:** "X"

ALSO SEE NOTES & SPECIFICATIONS.  
 ABANDON WIRING, COMPONENTS & SUPPORTS NOT ALLOW.

1. RELOCATE KEYPAD & TEST TO ENSURE COMPONENT FUNCTIONS WITH EXISTING SECURITY ALARM SYSTEM. HEIGHT TO MATCH EXISTING.
2. RELOCATE THERMOSTAT & TEST TO ENSURE FUNCTIONING SYSTEM. HEIGHT TO MATCH EXISTING.
3. RELOCATE WOODEN CABINET CONTAINING ELECTRICAL PANEL (UNIT 02), TELEPHONE BLOCK & DUAL DUPLEX RECEPTACLES TO NEW LOCATION AS SHOWN. ELECTRICAL PANEL (UNIT 02), 100A, 3 PHASE, 4W IS FEED FROM MAIN FLOOR ELECTRICAL ROOM M112, METER #202.
4. REMOVE DUPLEX RECEPTACLES & CIRCUIT BACK TO SOURCE. DISCONNECT DATA CABLING & ROLL UP IN COIL WITH DATA PORT DESIGNATION ATTACHED IN CEILING SPACE FOR UNIT 203 FUTURE USE.
5. REMOVE CONDUIT & CABLING BACK TO SOURCE.



ELECTRICAL LEGEND AND ABBREVIATIONS	
TYPE	DESCRIPTION
AFF	ABOVE FINISH FLOOR
D	DEMOLITION
N	NEW (SUPPLY & INSTALL)
R	RELOCATE
[Symbol]	ELECTRICAL PANEL
[Symbol]	DUPLEX RECEPTACLE
[Symbol]	DUPLEX RECEPTACLE; GROUND FAULT CIRCUIT INTERRUPTER
[Symbol]	LIGHT SWITCH, SINGLE
[Symbol]	LIGHT SWITCH, 3-GANG
[Symbol]	LIGHT SWITCH, 4-GANG
[Symbol]	EMERGENCY COMBO STEEL BATTERY/ DOUBLE HEAD UNIT WITH EXIT SIGN
[Symbol]	FIRE ALARM SMOKE DETECTOR
[Symbol]	FIRE ALARM AUDIBLE DEVICE WITH STROBE LIGHT
[Symbol]	FIRE ALARM MANUAL PULL STATION
[Symbol]	CARD ACCESS READER
[Symbol]	SCRAMBLE KEYPAD
[Symbol]	VOICE "V"; DATA "D" PORTS IN SINGLE DEVICE BOX.
[Symbol]	MOTION DETECTOR
[Symbol]	THERMOSTAT, HEAT-COOL
[Symbol]	DOOR CLOSER/HOLDER WITH SOLENOID (24V)
[Symbol]	SMOKE DETECTOR, PHOTOELECTRIC FOR 2-WIRE & 4-WIRE BASES

**NOTES:**  
 THESE DRAWINGS SHALL NOT BE SCALED. CONSULT WITH CLIENT AND DESIGNER ON ANY CONCERNS.  
 SUBMISSION OF SITE MARK-UPS, AS-BUILTS, OPERATING & MAINTENANCE MANUALS AND OTHER SUPPORTING DOCUMENTS TO CLIENT ARE MANDATORY AT THE COMPLETION OF THIS PROJECT.  
 THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.  
 THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCTS, PIPES & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.  
 ALL OPENINGS THROUGH FIRE ASSEMBLIES INCLUDING THROUGH CORRIDOR WALLS, FLOORS AND STRUCTURAL CEILINGS ARE TO BE FIRE STOPPED AND SEALED WITH U.L.C. APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.  
 ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS, APPLICABLE CODES AND AUTHORITY HAVING JURISDICTION.  
 THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING PART OF THE RENOVATION WORK.  
 COMMERCIAL DUTY RECEPTACLES SHALL BE MATCH EXISTING COLOUR & CSA APPROVED, C/W TRIM PLATES, MOUNTED AS PER EXISTING OR OTHERWISE NOTED.  
 SUPPLY & INSTALL LAMACOID NAME PLATES ON ALL INCLUDING EXISTING PANEL BOARDS, SWITCHES & RECEPTACLES. PANEL SCHEDULE SHALL BE UPDATED, RETYPED & INSERTED TO INSIDE OF ASSOCIATED PANEL DOOR SLEEVE PROTECTOR.  
 ALL ABANDONED ELECTRICAL FIXTURES, COMPONENTS, RECEPTACLE & DATA WIRING SHALL BE REMOVED BACK TO SOURCE & TERMINATED AS PER APPLICABLE CODES.

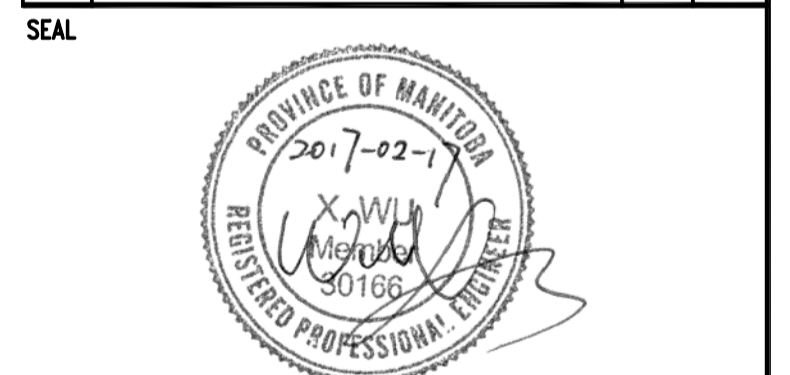
DRAWING LIST	
SHEET No:	SHEET TITLE
E1	PARTIAL SECOND FLOOR PLAN: DEMOLITION AND RENOVATION - POWER AND SYSTEMS
E2	PARTIAL SECOND FLOOR REFLECTED CEILING PLAN: DEMOLITION AND RENOVATION - LIGHTING AND SPECIFICATIONS

**POWER & COMMUNICATION RENOVATION NOTES:** "X"

ALSO SEE NOTES & SPECIFICATIONS.  
 CONFIRM LOCATIONS OF EQUIPMENT & RECEPTACLES WITH CONTRACT ADMINISTRATOR.  
 REFER TO MECHANICAL DRAWING M1 FOR PUMP SPECIFICATIONS.

1. PROVIDE 4' x 4' PAINTED GREY PLYWOOD BACKBOARD FOR ELECTRICAL SERVICE PANEL "204", PANEL RECEPTACLE, TELEPHONE SERVICE & #6 AWG GREEN INSULATED COPPER GROUND WIRE. MOUNT SECURELY TO NEW TENANT WALL. SEE ARCHITECTURAL DRAWING.
2. PROVIDE COMPLETE ELECTRICAL SERVICE PANEL "204". SEE ELECTRICAL SPECIFICATION DRAWING, FED FROM ELECTRICAL ROOM 2002, GDP 2-200, AS SHOWN. WIRE WITH 4 - #30 RW90 IN 2" CONDUIT TO COP 2-200 NEW 200A BREAKER (SUPPLY & INSTALL) LOCATION ABOVE EXISTING BREAKER TAG LP-2MR. SUPPORT 2" EMT SECURELY TO UNDERSIDE OF STRUCTURAL CEILING WITH UNISTRUT & SUPPORT RODS EVERY 4 FEET AT 11 FEET (MIN.) ABOVE FINISH FLOOR.
3. PROVIDE 1/2" EMT CONDUIT WITH FISH CORD FOR TELEPHONE. UTILITY (MTS) TO CONNECT FROM ELECTRICAL ROOM 2002 BACKBONE TO NEW PHONE BLOCK. COORDINATE WITH MTS FOR INSTALLATION OF NEW TELEPHONE LINE & SERVICE.
4. FIRESTOP ALL WALL, FLOOR & CEILING POWER, DATA & COMMUNICATION PENETRATIONS IN UNIT 204 & 206.
5. REMOVE ALL ABANDON POWER, DATA & COMMUNICATION WIRING, CONDUITS, CABLING & SUPPORT BRACKET/CLIPS. RE-SUPPORT EXISTING ACTIVE POWER, DATA & COMMUNICATION WIRING, CONDUITS & CABLING AS PER LATEST CANADIAN ELECTRICAL CODE.
6. FIRESTOP POWER, DATA, COMMUNICATION PENETRATIONS IN ELECTRICAL ROOM 2002 FLOOR & CEILING AREAS SHOWN.
7. PROVIDE FIRE RATED TYPE "X" GYPSUM BOARD ABOVE DOOR TO FIT OVER EXISTING BOARD.
8. PROVIDE RUNNING MAN EMERGENCY EXIT SIGN 102" AFF. SEE LUMINAIRE SCHEDULE. WIRE TO EXISTING EMERGENCY LIGHTING CIRCUIT.
9. PROVIDE FIRE ALARM AUDIBLE DEVICE WITH STROBE LIGHT AT 102" AFF. WIRE TO EXISTING FIRE ALARM SYSTEM. TYPE TO BE SAME AS EXISTING.
10. PROVIDE SIGNAGE INDICATING CARD ACCESS & SCRAMBLE PAD IS FOR OTHER DOOR (WINNIPEG POLICE SERVICE HEADQUARTERS ENTRANCE).
11. PROVIDE CEILING P.A. SPEAKERS & WIRING TO EXISTING P.A. SYSTEM. TYPE TO BE SAME AS EXISTING.
12. PROVIDE 18/2 STRANDED WIRE IN 1/2" EMT TO EACH NEW DOOR CLOSER/HOLDER, DR. THROUGH A DOOR. CONCEALED ELECTRIC PIVOT. SEE DOOR SCHEDULE IN ARCHITECTURAL DRAWING. WIRE TO (2) NEW SMOKE DETECTORS TO RELEASE UPON (1) OR BOTH SMOKE DETECTOR SIGNAL. MOUNT EACH NEW SMOKE DETECTOR AT CENTERLINE OF DOOR OPENING AND AS INDICATED & WIRE TO EXISTING FIRE ALARM SYSTEM. ACCEPTABLE SMOKE DETECTOR IS SIMPLEX TRUEALARM 4098-9601 MOUNTED ON BASE WITH ADAPTER PLATE OR APPROVED EQUAL.
13. UTILITY PUMP, MYER MUSP-125 (FOR HAND SINK)  
 13.1. PROVIDE DEDICATED 120V, 20A CIRCUIT WITH #12/2 RW90 IN EMT. WIRE TO WALL GFCI RECEPTACLE AT HAND SINK LOCATION.
14. CONDENSATE PUMP, LCU-20S (FOR ICE MACHINE)  
 14.1. PROVIDE 120V, 20A CIRCUIT WITH #12/2 RW90 IN EMT. WIRE TO WALL GFCI RECEPTACLE AT ICE MACHINE LOCATION.
15. DRAIN PUMP, LIBERTY 404 SERIES (FOR BACK BAR SINKS)  
 15.1. PROVIDE DEDICATED 120V, 20A CIRCUIT WITH #12/2 RW90 IN EMT. WIRE TO WALL GFCI RECEPTACLE AT BACK BAR SINK LOCATIONS.
16. HIGH-TEMP DRAIN PUMP, LIBERTY 405 SERIES (FOR 3-COMPARTMENT SINK & WAREWASHER)  
 16.1. PROVIDE DEDICATED 120V, 20A CIRCUIT WITH #12/2 RW90 IN EMT. WIRE TO WALL GFCI RECEPTACLE AT SINK & WAREWASHER LOCATION.

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR CONSTRUCTION	DTA	2017 02.17



DRAWN DATE	CHECKED DATE	DESIGNED DATE	APPROVED DATE
2016.12.22			

THE CITY OF WINNIPEG  
 PLANNING, PROPERTY AND  
 DEVELOPMENT DEPARTMENT  
 MUNICIPAL ACCOMMODATIONS DIVISION  
 3-65 GARRY STREET, R3C 4K4

PROJECT  
 FORMER POST OFFICE TOWER  
 BUILDING CODE UPGRADES

268 GRAHAM AVENUE  
 SHEET TITLE  
 PARTIAL SECOND FLOOR PLAN  
 UNITS 204 & 206 - DEMOLITION AND RENOVATION  
 POWER AND SYSTEMS

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2014-146-02	E1