



SECOND FLOOR PLAN - ELECTRICAL RENOVATION

SCALE: 1/8"=1'-0"

OFFICE PARTITIONS ARE SHOWN AS REFERENCE ONLY. REFER TO ARCHITECTURAL DRAWING (TYP)

APPROXIMATE LOCATION OF BUZZER. CONSULT WITH CITY OF WINNIPEG.

ELECTRICAL RENOVATION NOTES:

SEE DRAWING E-1 FOR ELECTRICAL SYMBOLS

- 1 SUPPLY & INSTALL ABOVE COUNTER RECEPTACLE, GFCI RECEPTACLES, PHONE, DATA, ETC.
- 2 SUPPLY & INSTALL SURFACE-MOUNT 120V DUPLEX RECEPTACLE ABOVE CEILING SPACE FOR EMERGENCY BATTERY/LIGHT COMBINATION.
- 3 SUPPLY & INSTALL A FULLY-FUNCTIONAL AUTOMATIC PAIR DOOR, STANLEY MODEL MAGIC-ACCESS OPERATOR FOR PAIR DOOR WITH MAGIC-TOUCH MODE ENABLED, C/W 4-1/2" PUSH PLATE, JAMB MOUNT PUSH-BUTTON, CONTROLLER AND CONTINUOUS HEADER. ELECTRICAL CABLE TO BE CONCEALED IN WALL CAVITIES. POWER REQUIRE - 117V/60Hz/1PH, 15A
SEQUENCE OF OPERATION FOR OCCUPIED MODE
1. UNLOCK DEADBOLT.
2. TURN ON/OFF SWITCH LOCATED ON HEADER TO "ON" POSITION.
3. OPERATOR TO OPEN FROM PUSH-PLATE, PUSH-BUTTON OR SLIGHT MOVEMENT OF THE DOOR.

SEQUENCE OF OPERATION FOR UNOCCUPIED-MODE
1. IF REQUIRE, TURN ON/OFF SWITCH LOCATED ON HEADER TO "OFF" POSITION.
2. LOCK DEADBOLT.
- 4 AUTOMATIC PAIR DOOR 4-1/2" PUSH PLATE MOUNTED ON UNDERSIDE OF GUARD RAIL ON ALUMINUM TUBE. WIRING TO BE CONCEALED IN TUBE.
- 5 LOCATION FOR AUTOMATIC PAIR DOOR JAMB-MOUNTED PUSH BUTTON. MOUNT 36" FROM FINISH FLOOR TO CENTER OF PUSH BUTTON.
- 6 SUPPLY & INSTALL BUZZER RELEASE & ELECTRIC STRIKE ON GATE. JAMB AND FURNISH AN APPROPRIATE LATCH ON GATE TO FACILITATE A HANDSETLESS APPLICATION. ELECTRIC STRIKE : HES MODEL 501 OR APPROVED EQUAL. BUZZER TO BE LOCATED AS SHOWN.
- 7 ELECTRICAL LOAD CENTRE (100A) WITH BREAKERS & AUXILIARY COMPONENTS FOR POWER POLES. SUPPLY & INSTALL ABOVE ACOUSTIC CEILING SPACE AS PER LATEST ELECTRICAL CODE. MAXIMUM OF (4) ELECTRICAL DUPLEXES PER CIRCUIT.

POWER POLE SCHEDULE

TYPE	QTY.	MANUFACTURER	CATALOGUE No.	DESCRIPTION
☐E _P	2	WIREMOLD	NP600-2-10-2	2 DUPLEX PER POLE, INCLUDES T-BAR CLAMP
☐E _{P,D}	1	WIREMOLD	NP600-2-10-2	2 DUPLEX, 1 DATA, PER POLE, INCLUDES T-BAR CLAMP
☐E ₂	11	WIREMOLD	NP600-2-10-2	2 DUPLEX, 2 DATA, 2 PHONE PER POLE, INCLUDES T-BAR CLAMP
☐E ₄	3	WIREMOLD	NP600-4-10-2	4 DUPLEX, 4 DATA, 4 PHONE PER POLE, INCLUDES T-BAR CLAMP
☐E ₆	6	WIREMOLD	NP600-6-10-2	6 DUPLEX, 6 DATA, 6 PHONE PER POLE, INCLUDES T-BAR CLAMP

ALL NEW POWER POLES TO BE ANODIZED ALUMINUM.

QUANTITIES SHOWN ABOVE ARE FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR QUANTITY TAKE-OFF FROM DRAWING.

NOTES :

- THESE DRAWINGS SHALL NOT BE SCALED.
- 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, MECHANICAL, ELECTRICAL, AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.
- ALL OPENINGS THROUGH FIRE ASSEMBLIES INCLUDING FLOORS AND CEILINGS ARE TO BE FIRE STOPPED AND SEALED WITH ULC 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.
- WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.
- WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.
- ALL NEW LIGHTING FIXTURES & NEW RECEPTACLES TO BE CONNECTED TO APPROPRIATE PANELS, EXCEPT FOR EMERGENCY LIGHT REMOTE HEADS TO BE CONNECTED TO EMERGENCY LIGHT BATTERY PACK(S).
- CONTRACTOR MAY REUSE EXISTING BREAKERS & WIRING PROVIDED SAME IS IN GOOD CONDITION & MEETS ALL APPLICABLE CODES.
- GENERAL DUTY RECEPTACLES SHALL BE CSA APPROVED, C/W TRIM PLATES MOUNTED AS PER EXISTING HEIGHT, EXCEPT FOR GFCI RECEPTACLES & ABOVE COUNTER, RECEPTACLE & STEEL TRIM PLATE COLORS TO BE IVORY.
- DIMMERS SHALL BE CSA APPROVED COMMERCIAL SLIDE TYPE TO SUIT CIRCUIT LOAD.
- SUPPLY & INSTALL LAMACOID NAME PLATES ON ALL INCLUDING EXISTING PANEL, BOARDS, SWITCHES & RECEPTACLES. PANEL SCHEDULE SHALL BE TYPED & INSERTED TO INSIDE OF ASSOCIATED PANEL DOOR SLEEVE PROTECTOR.
- ALL ABANDONED ELECTRICAL FIXTURES, COMPONENTS & RECEPTACLE WIRINGS SHALL BE REMOVED BACK TO SOURCE.
- RECONNECT & TEST ALL FIRE PREVENTION EQUIPMENT.
- NEW LIGHT SWITCHES SHALL BE 42" FROM FLOOR, EXCEPT AS NOTED.
- NEW RECEPTACLES LOCATION SHALL MATCH EXISTING HEIGHT.
- WARNING: ASBESTOS IS PRESENT IN THE MAIN FLOOR CEILING SPACE, & EAST & WEST AIR SHAFTS.**

ORIGINAL STAMPED BY: DOUG PALEY, P.ENG.
DATE: 2005.11.16

NO.	REVISION/DESCRIPTION	BY	DATE
SEALS			

DRAWN BY	CHECKED BY	APPROVED
RCPI/DTA	USER	APPROVAL
DATE	2005.11.15	

CITY OF WINNIPEG
PLANNING, PROPERTY &
DEVELOPMENT DEPARTMENT
CIVIC ACCOMMODATIONS DIVISION
300 - 65 GARRY ST. R3C 4K4

PROJECT
ADMINISTRATION BUILDING
2ND FLOOR RENOVATIONS
CONVERSION TO OFFICE AREA
510 MAIN STREET

SHEET TITLE
SECOND FLOOR PLAN
ELECTRICAL RENOVATION

SCALE	PROJECT NO.	SHEET NO.
AS SHOWN	2004-180-06	E2