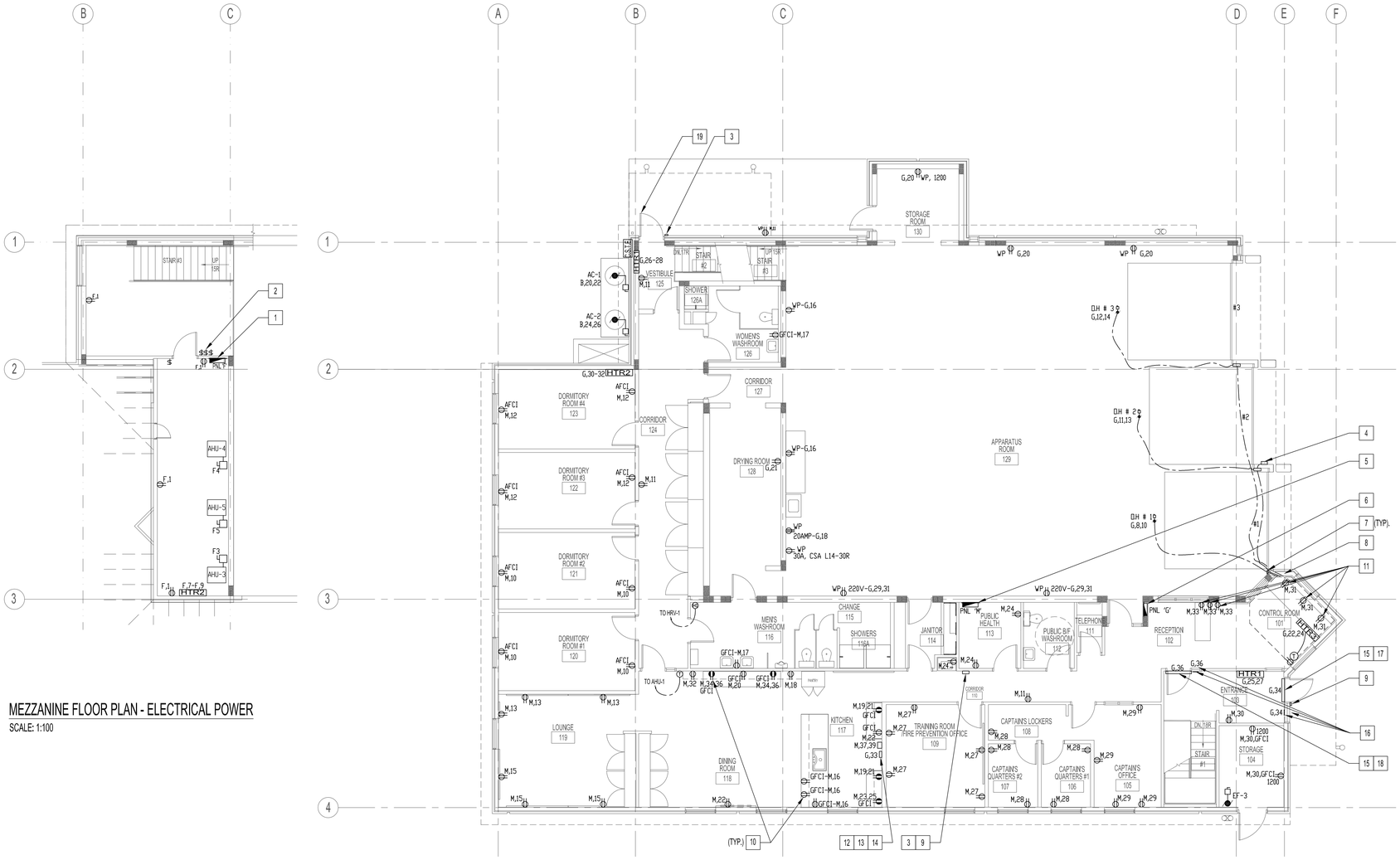
ADDRESS: 1446 REGENT AVE. WEST | PROJECT No: 2004-058-01 | DESCRIPTION: MAIN & MEZZANINE FLOOR PLANS: ELEC. POWER | DATE: 2006.07.14 | FILE NAME: 2004058VE0.dwgE4



MEZZANINE FLOOR PLAN - ELECTRICAL POWER

SCALE: 1:100

NORTH

MAIN FLOOR PLAN - ELECTRICAL POWER

SCALE: 1:100

NOTES :

SEE NOTES ON DRAWING E1.

1. SURFACE ELECTRICAL PANEL 'F'
2. SWITCHES FOR GAS FURNACES WITH RED COVER PLATE, LABELLED AHU-3, AHU-4, AHU-5, MOUNT 2200 ABOVE FLOOR.
3. SUPPLY & INSTALL 24V DOOR PUSH BUTTON & CHIME C/W TRANFORMER. (USE CCT. B,29); WIRE CHIME TO SOUND SINGLE TONE FOR WEST SIDE DOOR.
4. SUPPLY & INSTALL DIGITAL KEYLESS/WIRELESS EXTERIOR DOOR OPERATOR & RECEIVER FOR OVERHEAD DOOR # 2. MOUNT 1200 ABOVE GRADE.
5. SURFACE ELECTRICAL PANEL 'M'
6. RECESSED ELECTRICAL PANEL 'G'
7. PROVIDE REMOTE SWITCHES TO OVERHEAD (O.H) DOORS TO OPEN.
8. SEE DRAWING E7 FOR COUNTER ELECTRICAL DETAILS.
9. SUPPLY & INSTALL 24V DOOR PUSH BUTTON & CHIME C/W TRANFORMER. (USE CCT. B,29); WIRE CHIME TO SOUND TWO TONE FOR NORTH DOOR.
10. SUPPLY & INSTALL ABOVE COUNTER RECEPTACLES TO THE THE FOLLOWING HEIGHTS:
    100MM ABOVE COUNTER WITH BACKSPLASH.
    150MM ABOVE COUNTER WITH NO BACKSPLASH.
11. PROVIDE (6) ISOLATED GROUND RECEPTACLES.
12. FLUSH - MOUNT ELECTRICAL DEVICE BOX & WIRING FOR RANGE SHALL BE BETWEEN CABINET NOT MORE THAN 100 MM ABOVE FLOOR .
13. ELECTRICAL DEVICE BOX & WIRING FOR RANGE HOOD SHALL BE MOUNTED BEHIND RANGE HOOD, AS PER MANUFACTURER, SEE ARCHITECTURAL DWG A18 FOR LOCATION.
14. ELECTRICAL DEVICE BOX & WIRING FOR HOOD FAN. EF-4 ON ROOF SHALL BE WIRED TO RANGE HOOD.
15. SUPPLY & INSTALL A FULLY-FUNCTIONAL AUTOMATIC DOOR OPERATOR WITH POWER-ASSIST MODE ENABLED. C/W (2) 1150 PUSH PLATE, CONTROLLER AND HEADER. ELECTRICAL CABLE TO BE CONCEALED. POWER REQUIRE (DEDICATED CIRCUIT) - 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, OR SLIGHT MOVEMENT OF THE DOOR.
    SEQUENCE OF OPERATION FOR UNOCCUPIED-MODE
    1. IF REQUIRED, TURN ON/OFF SWITCH LOCATED ON HEADER TO "OFF" POSITION.
    2. LOCK DEADBOLT.
16. 1150 PUSH PLATE ACTUATOR, LOCATED AS PER ARCHITECTURAL DWG. ON BOTH SIDES OF EACH WALL. SUPPLY AND INSTALL.
17. WIRE DIGITAL KEYPAD AND MORTISE GLASS ELECTRIC LOCK TO POWER OPERATOR DOOR CIRCUIT. SEQUENCE OF OPERATION: ONCE THE ENTRY CODE IS ACCEPTED BY THE DIGITAL KEYPAD, THE MORTISE GLASS ELECTRIC LOCK ALLOWS ENTRY. ACTUATING THE PUSH PLATES FROM EITHER SIDE OF THE DOOR ALSO ALLOWS ENTRY OR EXIT. HARDWARE SHOWN ON ARCH. DOOR HARDWARE SCHEDULE.
18. WIRE ELECTRIC DOOR STRIKE WITH LATCH BOLT MONITOR (LBM) TO ELECTRIC DOOR OPERATOR CIRCUIT. UPON EXIT OF TURNING LEVER PASSAGE SET THE LBM ENERGIZES ELECTRIC DOOR STRIKE. ACTUATING THE PUSH PLATES FROM EITHER SIDE OF THE DOOR ALSO ALLOWS ENTRY OR EXIT. HARDWARE SHOWN ON ARCH. DOOR HARDWARE SCHEDULE.
19. WIRE ELECTRIC DOOR STRIKE & DIGITAL KEYPAD TO BOXED POWER SUPPLY. HARDWARE SHOWN ON ARCH. DOOR HARDWARE SCHEDULE.

ORIGINAL STAMPED BY: DOUG PALEY, P.ENG.
DATE: 2006.07.14

NO.	REVISION/DESCRIPTION	BY	DATE

SEALS

DRAWN BY	RCP/DTA	CHECKED BY	APPROVED
DATE	2006.07.14	USER APPROVAL	

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

PROJECT
WEST TRANSCONA
FIRE PARAMEDIC STATION 21

1446 REGENT AVE. WEST

SHEET TITLE
MAIN & MEZZANINE FLOOR PLANS
ELECTRICAL
POWER

SCALE	PROJECT NO.	SHEET NO.
AS SHOWN	2004-058-01	E4

METRIC
WHOLE NUMBERS ARE IN MILLIMETRES, DECIMALIZED NUMBERS ARE IN METRES

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1