

NOTES:

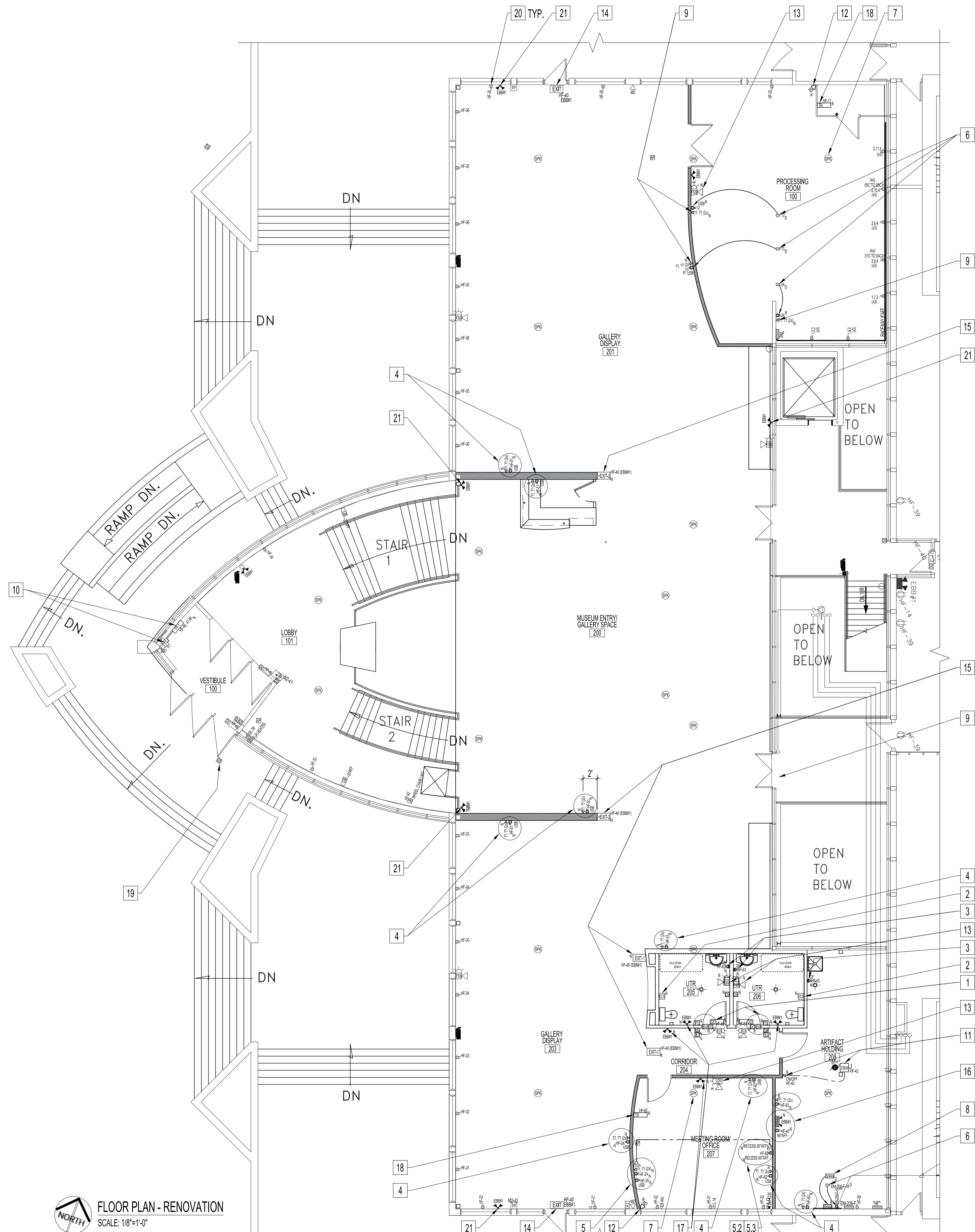
REFER TO ELECTRICAL SPECIFICATIONS & DRAWING E1.

ELECTRICAL POWER, DATA & COMMUNICATIONS

RENOVATION NOTES: "x"

ALSO SEE NOTES & SPECIFICATIONS. ALL WIRING & CABLING SHALL BE CONCEALED IN DOOR JAMB &/OR IN WALL CAVITY FOR FINISH SPACE (EG. OFFICES, MEETING ROOM CORRIDORS...). ALL WIRING & CABLING IN CEILING SPACE SHALL BE PLENUM RATED AS PER LATEST CEC.

- 1. UTR POWER DOOR OPERATOR
1.1. PROVIDE NEW POWER DOOR OPERATOR & DOOR CONTACT (DC). SEE ARCH. DOOR SCHEDULE. WITH 120V, 15A CIRCUIT #12/2 RW90 IN EMT TO DESIGNATED 15A/1P CIRCUIT BREAKER, SETUP FOR "PUSH & GO" & DS.
1.2. SETUP ES FOR FAIL-SAFE
1.3. PROVIDE CAMDEN MODEL CM-7536/4; CAMDEN CX-WC1 KIT INCLUDES CX-22 DUAL FUNCTION RELAY, CX-MDC SURFACE MOUNT DOOR CONTACT, CM-400/8 ILLUMINATED "PUSH TO LOCK" PUSH BUTTON WITH STATUS LIGHT (WALL MOUNT ON TOP OF INSIDE UTR DS AT 36" AFF), CM-30 OWL "OCCUPIED WHEN LIT" ILLUMINATION SIGN (WALL MOUNT ON TOP OF OUTSIDE UTR DS AT 48" AFF)
1.4. PROVIDE ALL NECESSARY LOW VOLTAGE WIRING & COMPONENTS. INSTALL CAMDEN CX-22 CONTROLLER INSIDE DOOR OPERATOR UNIT OR SUPPLY & INSTALL PANEL BOX WITH ACCESS DOOR TO HOUSE CAMDEN CX-22 CONTROLLER.
1.5. SEQUENCE OF OPERATION:
1.5.1. SET CAMDEN CX-22 RESTROOM DOOR CONTROLLER (BI-DIRECTIONAL DOOR SEQUENCER TO APPLICATION MODE 1 (BARRIER-FREE DOOR OPERATOR ON A SINGLE-USE OCCUPANT UTR), ACTIVATE EXTERIOR UTR TO GAIN ACCESS TO INSIDE UTR. ONCE INSIDE UTR, THE USER PRESSES THE "PUSH TO LOCK" SWITCH, WHICH SIGNALS THE RELAY TO LOCK ELECTRIC STRIKE (STATUS LIGHT "LOCK"), & DISABLES THE EXTERIOR "DS". EXITING CAN BE DONE MANUALLY, VIA THE LEVER HANDLE LOCKSET OR BY PRESSING THE INTERIOR DS, THEREBY RESETTNG THE CONTROLLER.
2. EMERGENCY CALL SYSTEM (ECS)
2.1. PROVIDE ECS. SEE LUMINAIRE & SWITCH SCHEDULE, WITH ALL NECESSARY WIRING, RELAYS, ELECTRICAL COMPONENTS & HARDWARE. CALL IS LOCAL.
2.2. MOUNT HORN/STROBE OUTSIDE & ABOVE WASHROOM DOOR
2.3. MOUNT CENTERLINE PULL CORD SWITCH 42" ABOVE FINISH FLOOR & 48" FROM CORNER.
3. PROVIDE GFCI DUPLEX RECEPTACLE WITH #12/2 RW90 IN CONDUIT TO NEW DESIGNATED 15A/1P CIRCUIT BREAKER. MOUNT 45" AFF.
4. PROVIDE DUPLEX RECEPTACLES (AS SHOWN, USB OR NON-USB) WITH #12/2 RW90 IN CONDUIT TO NEW DESIGNATED 15A/1P CIRCUIT BREAKER.
4.1. PROVIDE (2) DATA DROPS IN 1/2" CONDUIT INSIDE WALL CAVITY & TERMINATE TO A SINGLE DEVICE BOX WITH A TWO-PORT FACEPLATE. HOME RUN & TERMINATE CABLES TO NETWORK DATA PATCH PANEL IN WIRING CLOSET. PROVIDE NEW 48-PORT CAT-6 PATCH PANEL & SWITCH IF EXISTING NETWORK CANNOT ACCOMMODATE NEW DATA DROPS.
5. PROVIDE 2-GANG (1) WITH USB DUPLEX RECEPTACLES WITH #12/2 RW90 IN CONDUIT TO NEW DESIGNATED 15A/1P CIRCUIT BREAKER.
5.1. PROVIDE DEVICE BOX TO HOUSE SUPPLIED AUDIO 3.5 mm INPUT STEREO, VGA & HDMI.
5.2. PROVIDE RECESSED DUPLEX RECEPTACLES WITH #12/2 RW90 IN CONDUIT TO NEW DESIGNATED 15A/1P CIRCUIT BREAKER.
5.3. PROVIDE RECESSED DEVICE BOX TO HOUSE SUPPLIED AUDIO 3.5 mm INPUT STEREO, VGA & HDMI. PROVIDE PATCH CABLING TO CONNECT TO WEST WALL AV DEVICE BOX.
6. RELOCATE DUPLEX RECEPTACLE CIRCUIT & WIRING. PROVIDE NEW DECORA STYLE DUPLEX RECEPTACLE & FACEPLATE.
7. RELOCATE PUBLIC ADDRESS SPEAKER CIRCUIT & WIRING TO NEW ROOM CEILING. TEST SPEAKER FOR FUNCTION.
8. PRIOR TO RELOCATION CONTACT SHAW FOR COORDINATION. RELOCATE SHAW W-FI DEMARCATION SYSTEM TO SOUTH WALL MOUNT HEIGHT TO BE SAME AS EXISTING.
9. PROVIDE (2) DATA DROPS IN 1/2" CONDUIT INSIDE WALL CAVITY & TERMINATE TO A SINGLE DEVICE BOX WITH A TWO-PORT FACEPLATE. HOME RUN & TERMINATE CABLES TO NETWORK DATA PATCH PANEL IN WIRING CLOSET. PROVIDE NEW 48-PORT CAT-6 PATCH PANEL & SWITCH IF EXISTING NETWORK CANNOT ACCOMMODATE NEW DATA DROPS.
10. PROVIDE ELECTRIC FAN FORCE HEATER, FF-1, SEE SPEC, WITH (4) #6 RW90 IN CONDUIT TO NEW DESIGNATED 30A/3P CIRCUIT BREAKER. PROVIDE DISCONNECT SWITCH & CONTACTOR AS PER DIVISION 16. TO BE CONTROLLED BY SUPPLIED DIGITAL WALL THERMOSTAT W/ CLEAR GUARD TO BE MOUNTED ABOVE EXISTING IN-FLOOR THERMOSTAT.
11. PROVIDE EXHAUST FAN, EF-1, SEE MECH. SPEC, WIRE WITH #12/2 RW90 IN CONDUIT TO NEW DESIGNATED 15/1P CIRCUIT BREAKER. PROVIDE DISCONNECT SWITCH TO BE CONTROLLED FROM SUPPLIED WALL SWITCH ("ON/OFF" WITH STATUS INDICATOR).
12. PROVIDE SECURITY MOTION DETECTOR HEAD & WIRE TO EXISTING SYSTEM. TYPE & MOUNTING DETAILS TO BE SAME AS EXISTING.
13. PROVIDE FIRE ALARM STROBE SIREN & WIRE IN CONDUIT TO EXISTING FIRE ALARM SYSTEM. TYPE TO BE SAME AS EXISTING.
14. REPLACE EXISTING RED EXIT SIGN, SEE SPEC WITH GREEN RUNNING MAN LED EXIT SIGN. WIRE TO EXISTING CIRCUIT.
15. PROVIDE GREEN RUNNING MAN LED EXIT SIGN, SEE SPEC, WIRE IN CONDUIT TO EXISTING CIRCUIT & EBB #1.
16. PROVIDE EMERGENCY BATTERY BANK, EBB #3, SEE SPEC, WITH DUPLEX RECEPTACLE, AS SHOWN, WIRE IN CONDUIT TO EXISTING CIRCUIT, HF-40.
17. PROVIDE EMERGENCY REMOTE HEADS. SEE SPEC. COLOUR - BLACK FOR BLACK WALLS, WHITE FOR NON-BLACK WALLS. WIRE IN CONDUIT TO NEW EBB#3.
18. TRANSFORMER POWER FOR VAVs
18.1. PROVIDE CLASS II TRANSFORMER WITH 120VAC - 24VAC, 24VA RATING, SINGLE PHASE, FOOT MOUNTING, FRAME ENCLOSURE. MOUNT TRANSFORMERS SECURELY ON WALL FOR PROCESSING ROOM 202 & IN CEILING SPACE FOR MEETING ROOM/OFFICE 207. LABEL LOCATION ON FINISH SPACE ACT CEILING GRID IN MEETING/OFFICE 207.
19. CONFIRM OPERATION OF EXISTING DOOR ACTUATOR SWITCH. REPAIR IF REQUIRE.
20. IN AREA OF WORK, REPLACE ALL EXISTING OR MISSING FACEPLATES FOR RECEPTACLES, DATA PORTS & PHONES WITH STAINLESS STEEL FACEPLATES FOR NON-BLACK WALLS
20.1. FOR BLACK WALLS, REPLACE ALL EXISTING RECEPTACLES TO BLACK RECEPTACLES WITH BLACK FACEPLATES.
21. REPLACE WITH NEW BLACK EMERGENCY REMOTE HEAD, SEE SPEC. VOLTAGE TO MATCH EXISTING.



FLOOR PLAN - RENOVATION SCALE: 1/8"=1'-0"

Table with 4 columns: No., REVISION/DESCRIPTION, BY, DATE. Row 0: ISSUED FOR CONSTRUCTION, DTA, 2016, 11.28.

Approval table with columns: DRAWN, CHECKED, DESIGNED, APPROVED. Includes dates and user names.

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

PROJECT AQUATIC HALL OF FAME MUSEUM ROYAL GALLERY SPACE RESTORATION

25 POSEIDON BAY SHEET TITLE

FLOOR PLAN ELECTRICAL - RENOVATION POWER, DATA, COMMUNICATION

Table with 3 columns: SCALE, PROJECT No, SHEET No. Values: AS SHOWN, 2014-148, E3.