The following amendments to drawings and specifications shall be incorporated into and forms part of the contract the same as if they had been written into the original.

#### ARCHITECTURAL

#### **SPECIFICATIONS**

- 09 29 00 Gypsum Wallboard
  - Add the following material to Article 2.1: <u>Wet Rated Gypsum Board</u> to ASTM C1396/C1396M, paper-faced, maximum available length in place; tapered edges, ends square cut. ASTM D 3273 growth of mould score of 10.
- 09 51 13 Acoustic Panel Ceilings
  - 1. Add the following product clarification to Article 2.1, Item 5.1: Astro ClimaPlus by CGC or equivalent by Armstrong or CertainTeed.
  - 2. Delete Article 2.1, Item 5.2. This product is not required.

#### 09 68 13 - Tile Carpeting

1. Replace Article 2.1, Item 2 to read: .1 Interface; Product: Palindrome / Alliteration; .2 Mohawk; Product: Sequences II (includes Emerging Lights II and Ground Strata II).

#### DRAWINGS

#### Drawing 301

1. Revise partition assembly for Load-Bearing Wood Partitions, W8A: to exclude requirement for 200mm Acoustic Insulation. Sound insulation is not required for W8A.

#### Drawing 302

- 2. Detail 1: Add to note referencing Solid Steel Access Ladder: Provide Retractable Safety Post, Similar to Detail 2/204.
- 3. Refer to revision to Room 117 ceiling finishes as illustrated on attached ASK.03.

#### Drawing 342

1. <u>LEGEND</u> Revise to note 1 to read: "1. FIRE SPRINKLER VIKING T.B.C. BY <u>DEPARTMENTAL REPRESENTATIVE</u>"

#### Drawing 346

- 1. Refer to revisions to Bag Cubbies Details as illustrated on attached ASK.01
- 2. Refer to revisions to Gun Locker Details as illustrated on attached ASK.02

#### Drawing 360

- 1. Add the following note to DOOR SCHEDULE: Recessed door contacts supplied by other. Door and frame contractor to provide 1" diameter hole at top of door and frame for contact insertion and wiring by the contractor and end devices supply and installed by others.
- Revise ceiling finish noted for Room 117 in FINISH SCHEDULE to read: PTD GYP, WET RATED.

#### Drawing 361

1. Revise the jamb and head finish for overhead doors illustrated in Details 7, 8 and 9, to be galvanized steel as illustrated on Structural drawing 210. Insulation and waterproofing to be reconfigured to suit this construction.

#### **MECHANICAL**

.1

#### SPECIFICATIONS

## .1 Section 21 13 13 – WET PIPE SPRINKLER SYSTEMS

- .1 Add the following clause to item 2.3.7:
  - ".1 Sprinkler barrel length 473 mm, stainless steel escutcheons."

#### .2 Section 21 30 00 – FIRE PUMPS

- Revise item 2.4.4 to read, "Fire Pump Controller Sequence of operation:
  - .1 MANUAL MODE: prevents the manual operation of both pumps simultaneously. .2 AUTOMAITC MODE: if the system pressure drops below the Cut-in on the Lead
    - AUTOMAITC MODE: if the system pressure drops below the Cut-in on the Lead pump, it will send a lockout signal to the standby pump. The Lead pump will start and the Standby pump will be locked.

If after 15 seconds (factory set), the system pressure stays below the Ct-in on the Lead pump, the lockout signal to the Standby pump will stop and the Standby pump will send an Lockout signal to the Lead pump. The Standby pump will start and the Lead pump will be locked.

- .3 EMERGENCY MODE: If the Emergency Handle System is pulled, the Lead pump will send a lockout signal to the Standby pump and a mechanical signal (LS2) to open the power relay circuit. The Lead pump will start and the Standby pump will be locked. "
- .2 Add the following item 2.4.5:
  - .1 ".5 Fire pump controller cabinet to house two pump controllers interconnected and wired to accept a single normal power and emergency power connection. One controller to be designated as Standby controller other is to be Lead controller."

# .3 Section 21 30 00 – FIRE PUMPS

- .1 Add the following paragraph:
  - "2.6 RESERVOIR ACCESSORIES
  - .1 Reservoir multi-point level float
    - .1 Send low water level signal to fire pump control panel
    - .2 Send high water level signal to fire pump control panel

INGONISH CIVIC BUILDING MUNICIPALITY OF VICTORIA COUNTY INGONISH, NOVA SCOTIA

- .3 Send minimum water level signal to fire pump control panel
- .4 Provide wiring from float sensor to fire control panel contacts.
- .2 Reservoir single point level float
  - .1 Connected to solenoid fill valve strainer
  - .2 Opens solenoid when water level falls below indicated value on drawing detail.
  - .3 Shuts off solenoid when water level reaches indicated value on drawing detail."

#### .4 Section 22 30 05 – DOMESTIC WATER HEATERS

.1 Revise item 2.1.1 to read, "WH to CAN/CSA C22.2 No. 110 Can/CSA-C191, with three immersion type elements 4500 W, 3 phase **600 V** and surface mounted or immersion type adjustable thermostats."

#### .5 Section 23 84 13 – HUMIDIFIERS

- .1 Add the following paragraph:
  - "2.11 Disconnect switch required"

#### .6 Section 25 30 02 – EMCS: FIELD CONTROL DEVICES

- .1 Add the following paragraph:
  - "2.27 BUZZER
  - .1 Panel-mount electrical buzzer within room 205.
  - .2 Maximum volume: 80 dB @ 10cm
  - .3 Acknowledgement push-button
  - .4 Install lamicoid label beneath buzzer stating, "CELL ROOMS, TEMPERATURE OUTSIDE OF TOLERANCES, ASSITANCE REQUIRE WHEN ACTIVATED" The letters shall be at least 12mm in height."
- .2 Add the following to 3.1.3:
  - .1 "NEMA I enclosures for relays in room 113 or 102 to be installed above ceiling or recessed with wall."

#### .7 Section 33 21 00 – WATER SUPPLY WELLS

.1 Revise 2.2.10 to read, "Low level water sensor required along with pump controller. Complete with sensor cable of length to reach building pump controller."

#### DRAWINGS

# .1 Drawing 403 – PLUMBING DETAILS & FIXTURE SCHEDULE:

.1 On Detail 5/403 Revise "41ø CONDUIT TO WELL PUMP CONTROLLER" to read "27ø CONDUIT TO WELL PUMP CONTROLLER BY 26"

.2 On Detail 5/403 Revise "41ø CONDUIT TO MOTOR DISCONNECT. SEE DWG 502 FOR CONTINUATION" to read "27ø CONDUIT TO MOTOR DISCONNECT BY DIV 26. SEE DWG 502 FOR CONTINUATION"

## .2 Drawing 411 – LOW LEVEL VENTILATION LAYOUT, 424 – MECHANICAL SCHEDULES-SHEET 2 & 425 – CONTROLS:

.1 Add 200mm x 200mm Motorized Damper (MD)-18 in room 107 for operation with EF-7. MD-18 operation is similar to control of EF-6.

## .3 Drawing 413 – GRILLE DIFFUSER DESIGNATIONS:

.1 Reissued with backgrounds clarified.

# .4 Drawing 417 – ZONE THERMOSTAT LOCATIONS:

- .1 Change Tag UH-6 to CUH-3
- .2 Switch the location of UH-10 with its' linked thermostat
- .3 Change Tag UH-10 to CUH-4
- .4 Note EV-3 is to be installed in RM 122 as shown on drawing 412. CUH-5 to be installed below EV-3 and interlock as shown on drawing 425 detail 2/425.
- .5 Temperature slab sensor to be installed in metal floor box c/w with polish SS cover suitable for foot traffic.

## .5 Drawing 422 – VENTILATION DETAILS SHEET 2:

.1 Change wording on detail 5/422 HUMIDIFICATEUR to HUMIDIFIER

## .6 Drawing 423 - MECHANICAL SCHEDULES – SHEET 1:

.1 Reference Grille/Diffuser schedule: Change all reference of "Double deflection, louvred face" to "Fixed louvres, 45 degree deflection".

## .7 Drawing 424 – MECHANICAL SCHEDULES - SHEET 2:

- .1 Change entry for POWER INPUT (kW), voltage and phase for DX-2 to 'N/A' on AC SPLIT SYTEM SCHEDULE INDOOR COMPONENT.
- .2 Add to SPLIT SYSTEM SCHEDULE INDOOR COMPONENT "maximum air pressure drop across DX-2, 25 Pascals".
- .3 Change the column title for 'ERV RETURN MOTOR (kW)'to 'ERV RETURN MOTOR (W)' on ENERGY RECOVERY VENTILATOR SCHEDULE
- .4 Change entry for AMBIENT DB (C) on AC SPLIT SYSTEM SCHEDULE OUTDOOR COMPONENTS for CU-2, CU-3 and CU-4 to 28°C
- .5 Add to COMMENTS entry for CU-4 on AC SPLIT SYSTEM SCHEDULE OUTDOOR " Input power 1.3kW"
- .6 Change entry EXTERNAL STATIC PRESSURE (Pa) for EF-6 and EF-7 on EXHAUST FAN SCHEDULE from 62.5 to 100.

## .8 Drawing 425 CONTROLS

- .1 Refer to MSK-425-01, update detail 3/425.
- .2 Refer to MSK-425-02, update detail 7/425.

## .9 Drawing 430 – FIRE PROTECTION PLAN & DETAILS:

.1 On detail 4/430 change location of 50 mm reservoir vent inlet to be located above the high water level mark.

## **ELECTRICAL**

SPECIFICATIONS

## .1 Section 26 32 13.01 – POWER GENERATION DIESEL

.1 Revise item 2.1.13 to read, "The shelter/generator set shall include a complete sub-base fuel system with all principal components installed for stand-alone operation. Tank capacity to provide for minimum 24-hour operation at full load. Tank size not to exceed 2500 L. Provide full for testing and leave tank full after on site testing and commissioning.

## .2 Section 27 10 05 – STRUCTURED CABLING FOR COMMUNICATIONS SYSTEMS

- .1 Add to item 2.1.3: Approved manufacturer: Beldon.
- .2 Add to item 2.3.2: Approved manufacturer: Beldon.
- .3 Add to item 2.8.8: Approved manufacturer: Beldon.
- .4 Add to item 2.9.3: Approved manufacturer: Beldon.
- .5 Add to item 2.10.2: Approved manufacturer: Beldon.

## DRAWINGS

## .1 Drawing 502 – ELECTRICAL SITE PLAN:

- .1 Conduit Schedule: Add a new reference 11 reading "1 x 27mm PVC conduit for Well pump power feed + 1 x 27mm PVC conduit for Well pump low level sensor.
- .2 Revise conduit reference for Well pump from 4 to 11.

## .2 Drawing 504 – SITE DETAILS SHEET 2:

- .1 Detail 1:
  - .1 Add note 2 reading: "Antenna supplied and Installed by departmental representative".
  - .2 Add note 3 reading: "Coordinate weatherhead and antenna cable installation with departmental representative before installation.
- .2 Detail 2:
  - .1 A height of 750mm **above finished grade** is shown for the pole mount luminaire base. Revise to 150mm.

## .3 Drawing 510 – LIGHTING LAYOUT:

.1 Lighting switch for room 121 is shown in corridor 203. Move to inside room 121.

# .4 Drawing 511 – AREA A – POWER LAYOUT:

- .1 Revise note 1 to read: "14-30R for dryer. Coordinate receptacle CSA configuration with shop drawing before installation."
- .2 Disconnect switch for equipment ERV2-H is shown in room 109. Move location to room 108 adjacent to the equipment ERV2-H.
- .3 Move motorized damper MD-6 to grid line 2 & 3 / E. Refer to mechanical for exact location.
- .4 Add new receptacle 5-20R in room 107 for a gun cleaning desk. Locate adjacent to the data outlet (see drawing 515 for location).
- .5 Add new Motorized Damper (MD)-18 in room 107 for operation with EF-7.

## .5 Drawing 512 – AREA B – POWER LAYOUT:

.1 Detail 2 – Cold Storage Power.

- .1 Overhead door (OHD-2) disconnect switch in Cold Storage building shall be rated 3R.
- .2 Receptacles in room 301 shall be rated weatherproof.

## .6 Drawing 521 –SINGLE LINE DIAGRAMS:

- .1 Interrupting capacity for panel EDP1 shall be minimum 14 KAIC minimum.
- .2 Revise generator size as per attached sketch ESK-01

## .7 Drawing 522 – DIAGRAM AND FIRE ALARM RISER:

- .1 Detail 1:
  - .1 Revise the following text"For Fire pump switch" to read "For Fire Pump controller".

## .2 Detail 5:

- .1 Revise note 1 to read: "Install wall mounted recessed junction box at 1.4m A.F.F. junction box shall be vandal resistant c/w vandal resistant cover plate".
- .3 Detail 7:
  - .1 Circuit breaker shall be GFI 30mA trip level.

## .8 Drawing 523 – SECURITY SYSTEMS RISERS & DETAILS SHEET 1:

- .1 Detail 4:
  - .1 Use circuit EBP2-9 to feed the door chime control transformer.

## .9 Drawing 524 – SECURITY SYSTEMS RISERS & DETAILS SHEET 2:

- .1 Detail 2:
  - .1 Revise junction box "JB3" height from 127mm to 1220mm.

## .10 Drawing 531 –SCHEDULES – SHEET 1:

- .1 Add the following spares circuit breaker to panel EDP2: 2 x 20A 3P, 1 x 30A 3P and 1 x 50A 3P. Panel should include minimum of 25% space.
- .2 Add the following spares circuit breaker to panel EDP3: 2 x 20A 3P, 1 x 30A 3P and 1 x 50A 3P. Panel should include minimum of 25% space.

## .11 Drawing 533 –SCHEDULES – SHEET 3:

- .1 Feeder Schedule:
  - .1 Add a new feeder reference 10 reading "3#10 + #12 Bond in 21mm PVC conduit".
- .2 Mechanical equipment schedule: Revise schedule as follow:
  - .1 Change CUH-1 and CUH-2 to be supplied, installed and wired by electrical.
  - .2 Change ERV-2 feeder size to mark 1.
  - .3 Add feeder size mark 3 to the following equipments: FPB1-H, FPB2-H, FPB3-H, FPB4-H, FPB5-H, FPB6-H and FPB7-H.
  - .4 Add feeder size mark 2 to the following equipments: FPB1, FPB2, FPB3, FPB4, FPB5, FPB6 and FPB7.
  - .5 Add feeder size mark 6 to domestic hot water heater (HWT-1).
  - .6 Add new note 4 to the domestic hot water heater (HWT-1) reading "High Voltage cut-out wired by electrical and supplied / installed by mechanical".
  - .7 Change overhead door OHD-2 feeder mark to 10.
  - .8 Change well pump "WP" to be supplied / installed by civil and wired by electrical.

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- .9 Revise note 3 to read: "Provide 70m of flexible cable 2 #10 + #12 bond from the wet well control panel to the wet well pump and 70m of flexible cable #12 AWG multi-conductor from the wet well control panel to the wet well low level water sensor. Cable type as per manufacturer's recommendation. Run cable in conduits to the well as shown on site plan 502.
- .10 Change Well Pump "WP" feeder mark to 2.
- .11 Add new Motorized Damper (MD)-18 in room 107 for operation with EF-7.

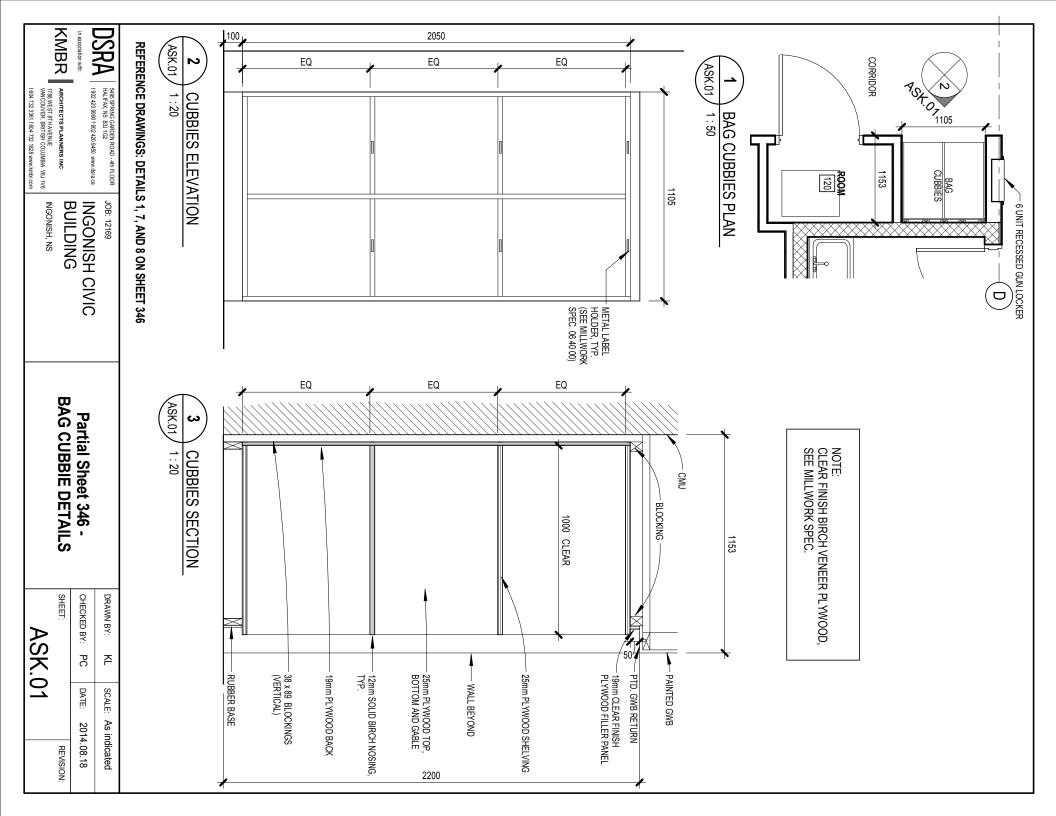
#### .12 Refer to drawing 540 – SCHEMATIC:

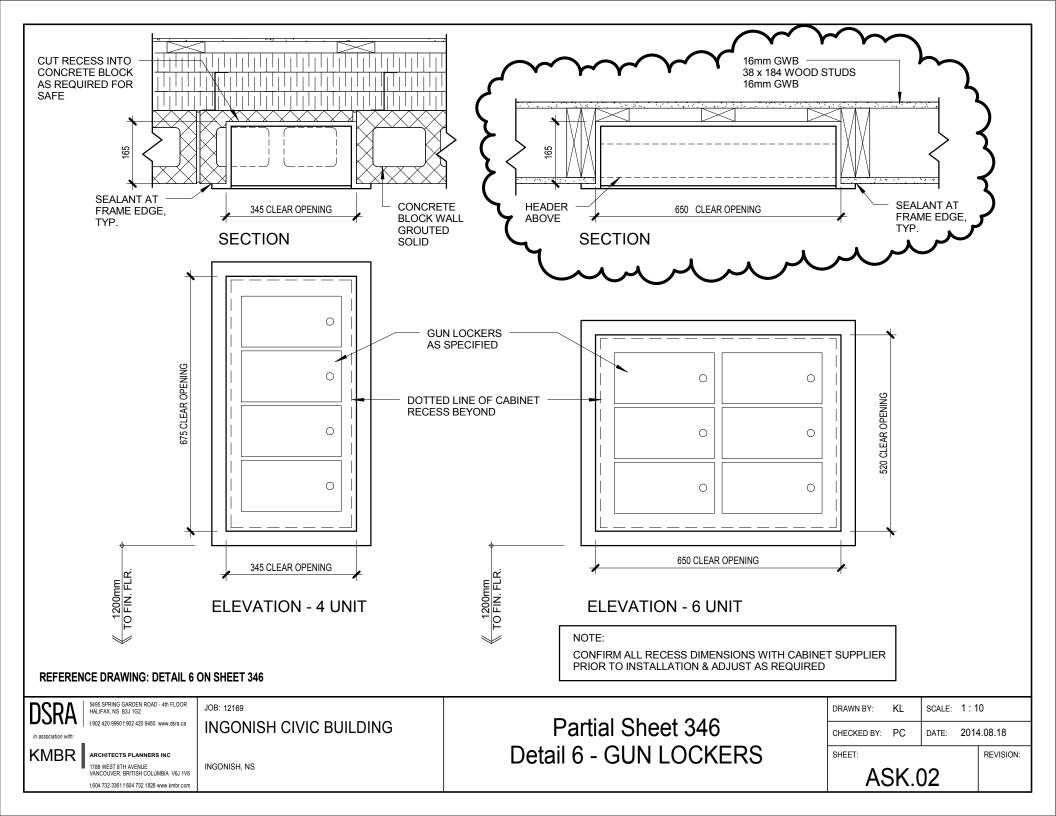
.1 Schematic 6 & 7: Revise as per attached sketch ESK-01.

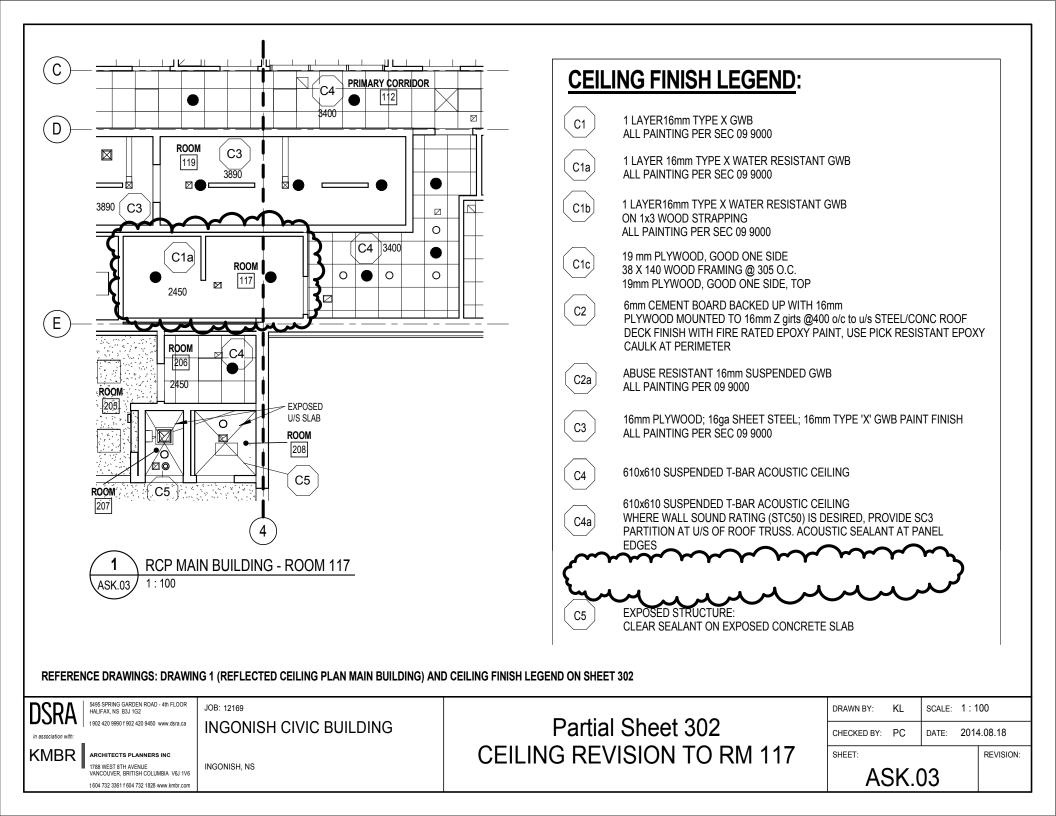
#### Attachments:

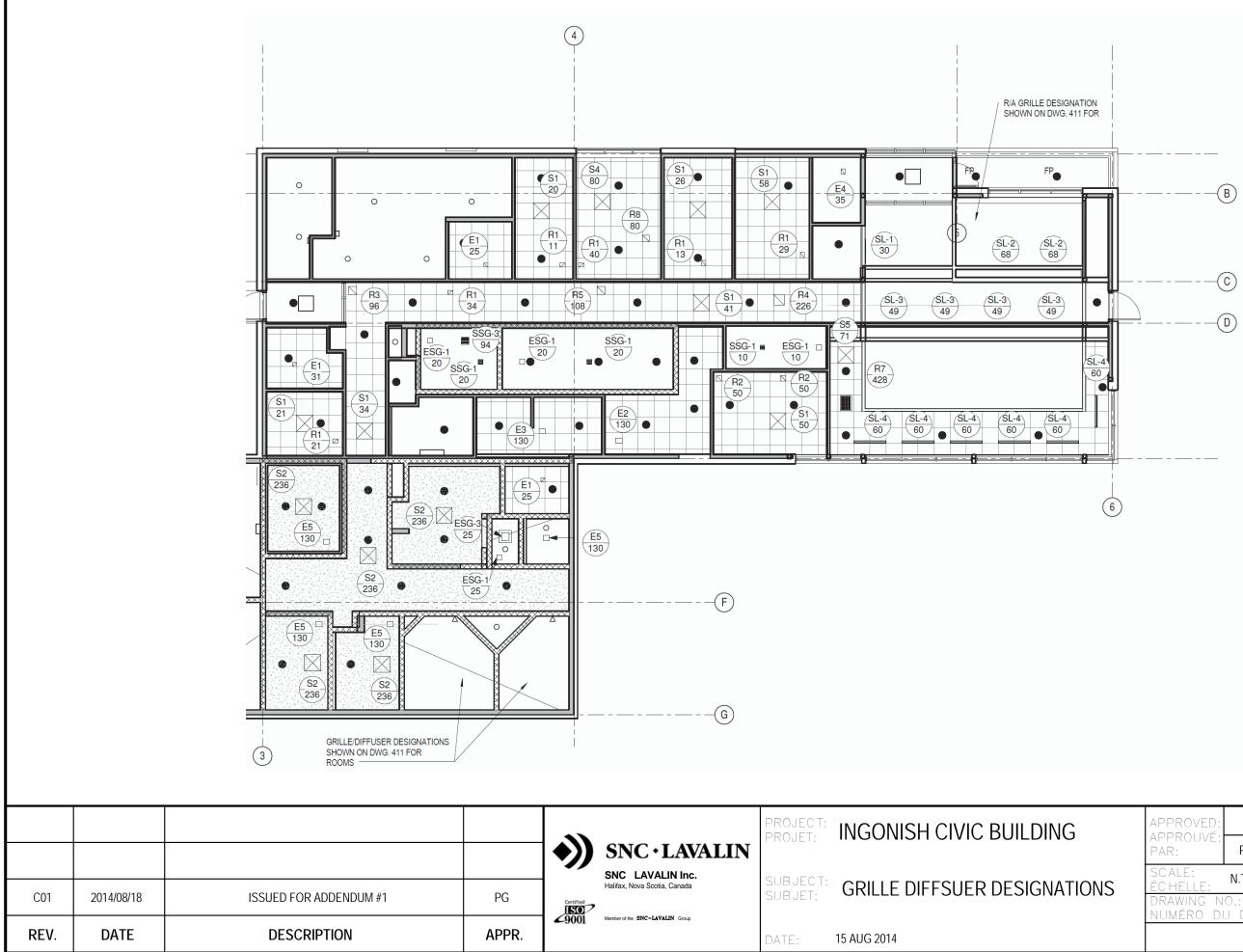
- .1 Sketch ASK-01 PARTIAL SHEET 346 BAG CUBBIE DETAILS
- .2 Sketch ASK-02 PARTIAL SHEET 346 DETAIL 6 GUN LOCKERS
- .3 Sketch ASK-03 PARTIAL SHEET 302 CEILING REVISION TO RM 117
- .4 Sketch MSK-413.01 GRILLE DIFFUSER DESIGNATIONS
- .5 Sketch MSK-425-01 EXHAUST FANS EF-1,2,4,5,6,&7 CONTROL SCHEMATIC
- .6 Sketch MSK-425-02 SERIES FVAV TERMINAL UNIT CONTROL SCHEMATIC
- .7 Sketch ESK-01 PARTIAL SINGLE LINE AND SCHEMATICS.

END OF ADDENDUM NO. 1



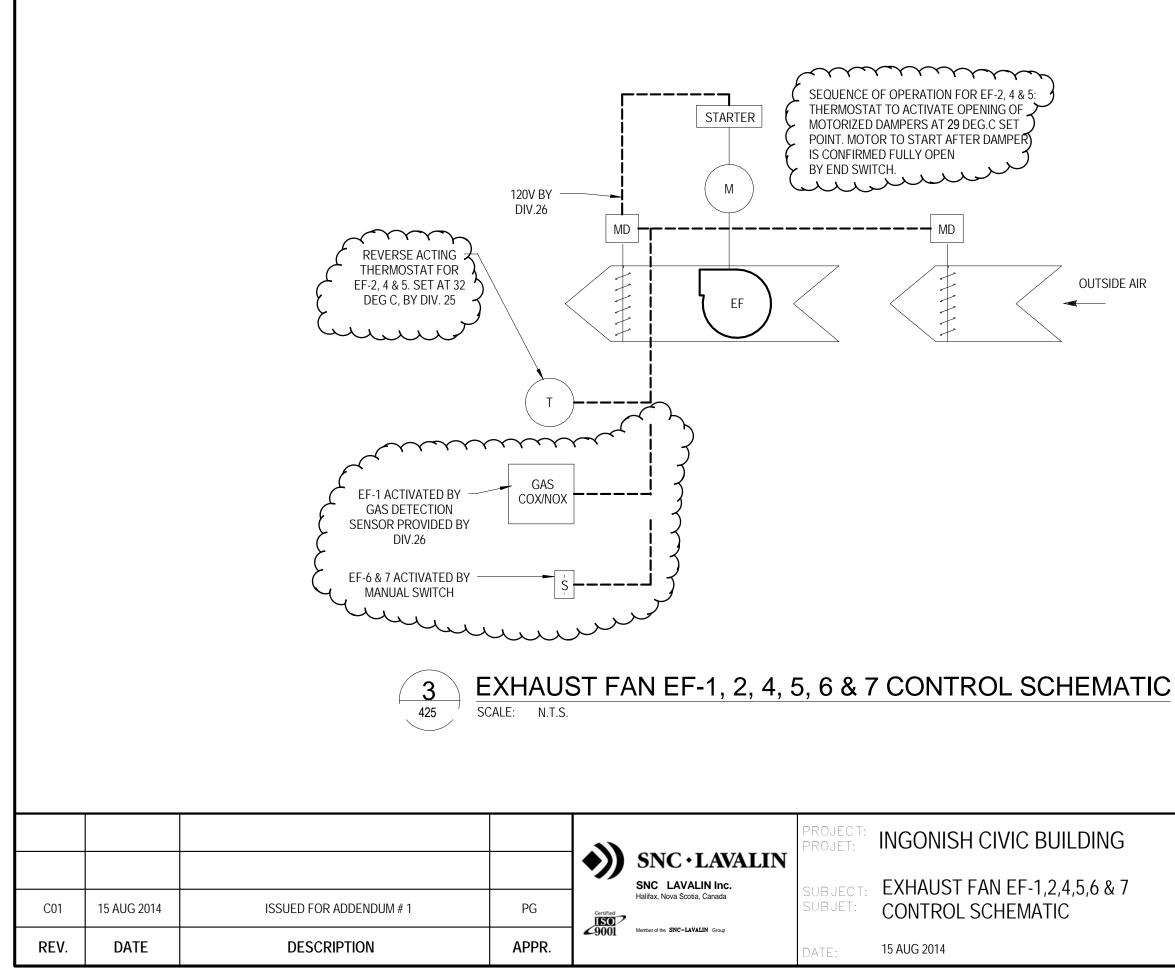






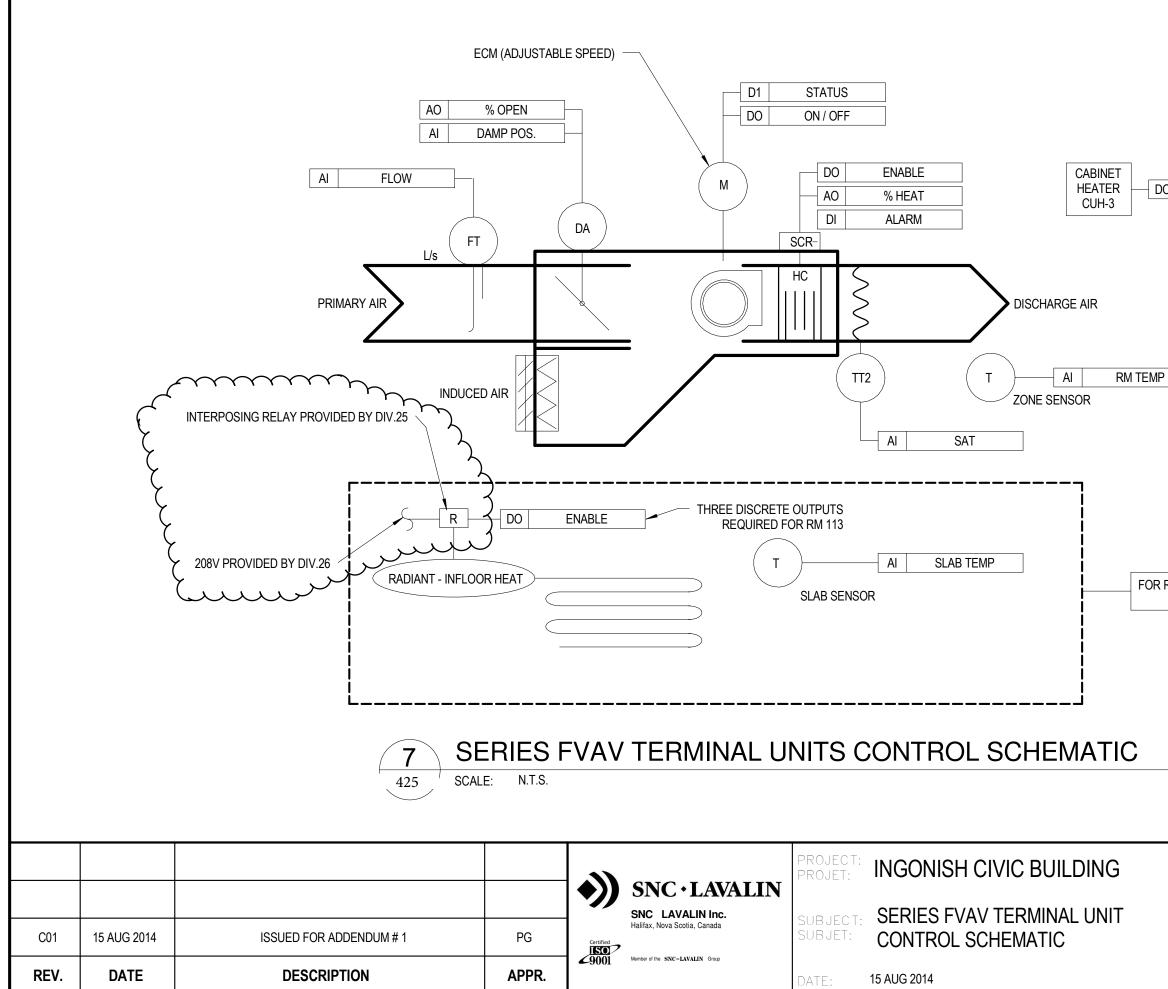
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FOR ROOMS 113 & 102 ONLY

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