

**DRAWING NOTES:**

01. RESERVED.
02. **VELUX COMMERCIAL SUN TUNNEL SKYLIGHT - TCC 022** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
LOW ROOF SLOPE APPLICATION:  
  
2a. **TCC 022 3000** (ACRYLIC DOME; SUNCURVE LIGHT DIRECTING DEVICE; COUNTER FLASHING ASSEMBLY)  
2b. **TTK 022** (RIGID TUNNEL; RIGID ELBOWS)  
2c. **ZTR 022 0002D** (RIGID TUNNEL EXTENSION)  
2d. **ZTC 022 0401US** (COMMERCIAL ENERGY KIT - THERMAL BREAK FOR TTC CEILING APPLICATION)  
2e. **TTC 022 0002** (CEILING ADAPTOR ASSEMBLY W/ PRISMATIC DIFFUSER; SUSPENDED ACOUSTICAL TILE/GRID CEILING APPL.)  
2f. **SUN TUNNEL SUSPENSION WIRE**  
  
**CURB SIZE** - INSIDE CURB DIM (MAXIMUM - 670mm x 670mm); OUTSIDE CURB DIM (MAXIMUM - 750mm x 750mm)  
  
REFER TO MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES.  
  
ALSO REFER TO ARCHITECTURAL SECTION DETAIL 4/A01b, AND STRUCTURAL DRAWING S1.
03. **PRESSURE TREATED EXTERIOR GRADE WOOD SKYLIGHT CURB** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
38mm (WIDTH) x MINIMUM 150mm (REQUIRED HEIGHT) ABOVE FINISHED ROOFING MATERIAL.  
  
THE WOOD CURB CREATES THE BOX OPENING THAT THE SKYLIGHT IS FASTENED TO. WOOD CURB TO BE INSTALLED AND WRAPPED WITH ROOF MEMBRANE (TO MATCH EXISTING) AND REQUIRED FLASHING BEFORE SKYLIGHT IS INSTALLED.  
  
REFER TO SKYLIGHT MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES
04. **PRESSURE TREATED EXTERIOR GRADE WOOD CANT STRIP** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
WOOD CANT STRIP TO BE INSTALLED AND WRAPPED WITH ROOF MEMBRANE (TO MATCH EXISTING) AND REQUIRED FLASHING.
05. **TYPICAL PREFINISHED METAL FLASHING** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
INSTALL EXTERIOR ROOF FLASHING OVER WOOD CURB, CANT STRIP, AND ROOF MEMBRANE (TO MATCH EXISTING).
06. **TYPICAL PREFINISHED 'J' METAL FLASHING** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
INSTALL 'J' FLASHING OVER TOP OF CURB AND EXPOSED TOP OF GYPSUM BOARD.
07. **EXTERIOR ROOF MEMBRANE** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
MATCH EXISTING ROOF MEMBRANE.  
  
INSTALL AROUND PERIMETER OF SUN TUNNEL SKYLIGHT CURB, AND OVERLAP EXISTING ROOFING MEMBRANE.
08. REPAIR EXISTING ROOF ASSEMBLY INCLUDING, BUT NOT LIMITED TO, INSULATION, ROOF MEMBRANE, ROOF SURFACE, AND ALL CORRESPONDING ROOF LAYERS WITHIN THE ASSEMBLY.  
  
MATCH EXISTING ROOF ASSEMBLY AND DIMENSIONS.
09. **13mm GYPSUM BOARD** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.
10. RESERVED.
11. CREATE NEW OPENING IN EXISTING ROOF FOR SKYLIGHT INSTALLATION.
12. CREATE NEW OPENING IN EXISTING SUSPENDED ACOUSTICAL CEILING TILE/GRID TO ACCOMMODATE NEW SKYLIGHT INSTALLATION.  
  
REPAIR, REPLACE, AND REINSTALL ALL SUSPENDED ACOUSTICAL CEILING TILE/GRID TO PROPERLY FINISH TO NEW SKYLIGHT OPENING. CEILING TILE/GRID TO MATCH EXISTING.  
  
REFER TO MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES
13. **RELOCATE MECHANICAL SPRINKLER / PIPING:**  
  
COORDINATE WITH MECHANICAL ENGINEER REGARDING DESIGN, BUILDING PERMIT DOCUMENTS, AND CONSTRUCTION REVIEW.
14. EXISTING SUSPENDED ACOUSTICAL CEILING TILE/GRID. TO REMAIN.
15. EXISTING STRUCTURAL ROOF STEEL JOIST / BEAM. TO REMAIN.
16. EXISTING STRUCTURAL STEEL COLUMN. TO REMAIN.
17. EXISTING STRUCTURAL SIPOREX ROOF PANEL. TO REMAIN.
18. EXISTING LIGHT FIXTURE. TO REMAIN.
19. EXISTING MECHANICAL SPRINKLER. TO REMAIN.
20. EXISTING MECHANICAL HVAC DIFFUSER. TO REMAIN.
21. **NEW STRUCTURAL STEEL FRAMING MEMBER:**  
  
REFER TO STRUCTURAL DRAWING S1.
22. **NEW PROPOSED HVAC SYSTEM:**  
  
COORDINATE WITH THE NEW PROPOSED HVAC INSTALLATION (SEPARATE PROJECT) FOR THE LOCATION OF SKYLIGHTS, AND THE HVAC INTEGRATION INTO THE NEW PROPOSED SUSPENDED ACOUSTICAL CEILING TILE/GRID.
23. **41mm x 41mm SHEET STEEL STUD FRAMING** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
LIGHT GAUGE FRAMING TO SUPPORT GYPSUM BOARD CLADDING AROUND COLUMN PERIMETER
24. DEMOLISH EXISTING CLADDING SURROUNDING EXISTING STRUCTURAL COLUMNS. (THREE IN TOTAL)
25. REPAIR, EXTEND, AND REINSTALL ALL SUSPENDED ACOUSTICAL CEILING TILE/GRID TO PROPERLY FINISH TO NEW COLUMN GYPSUM BOARD CLADDING. CEILING TILE/GRID TO MATCH EXISTING.  
  
REFER TO MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES
26. TYPICAL BASE AROUND NEW COLUMN ASSEMBLY:  
  
**B-1: JOHNSONNITE TRADITIONAL WALL BASE - 186 MOUSI WG** (OR APPROVED EQUIVALENT)
27. TYPICAL PAINT COLOUR FOR NEW COLUMN ASSEMBLY AND NEW PROPOSED EXTERIOR WALL (REMOVAL OF GARAGE DOOR):  
- REFER TO SPECIFICATIONS.  
  
**P-2: BEHR - UL260-18 - CLASSIC SILVER - SATIN FINISH** (OR APPROVED EQUIVALENT)  
  
PREMIUM GRADE (ONE PRIMER AND TWO FINISH COATS).

**DRAWING NOTES:**

28. DEMOLISH EXISTING FIXED CEILING IN HIGHLIGHTED AREA:  
  
REMOVE AND/OR RELOCATE ALL ELECTRICAL AND MECHANICAL SYSTEMS ATTACHED TO THE EXISTING CEILING.  
  
NOTE: REMOVAL AND/OR RELOCATION OF ALL EXISTING ELECTRICAL AND MECHANICAL SYSTEMS SHOWN ON THE REFLECTED CEILING PLAN ARE TO BE COORDINATED WITH THE ELECTRICAL AND MECHANICAL ENGINEER REGARDING DESIGN, BUILDING PERMIT DOCUMENTS, AND CONSTRUCTION REVIEW. ELECTRICAL AND MECHANICAL ENGINEER WILL DETERMINE IF ANY EXISTING SYSTEMS CAN BE REUSED IN NEW SUSPENDED ACOUSTICAL CEILING APPLICATION.
29. **NEW SUSPENDED ACOUSTICAL CEILING TILE/GRID** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
MATCH EXISTING SUSPENDED ACOUSTICAL CEILING TILE/GRID IN OFFICE SPACES.  
  
CEILING HEIGHT TO BE 3050mm ABOVE FINISH FLOOR (AFF). EXCEPT ENTRY AREA CEILING HEIGHT TO BE 3650mm A.F.F. TO ALLOW FOR EXIT SIGNS AND GLAZING OF NEW WINDOW AND GLAZING ABOVE EXISTING ENTRY DOOR. CEILING HEIGHT NOTED ON DRAWING 1/A05.  
  
REFER TO MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES  
  
NOTE: ALL NEW ELECTRICAL AND MECHANICAL SYSTEMS SHOWN ON THE REFLECTED CEILING PLAN ARE SCHEMATIC AND REQUIRE COORDINATION WITH ELECTRICAL AND MECHANICAL ENGINEER REGARDING DESIGN, BUILDING PERMIT DOCUMENTS, AND CONSTRUCTION REVIEW.
30. DEMOLISH AND REMOVE EXISTING GARAGE DOOR, FRAME AND ALL RELATED HARDWARE AND MECHANISMS:  
  
NOTE: REMOVAL OF ALL EXISTING ELECTRICAL AND MECHANICAL CONNECTIONS TO GARAGE DOOR HARDWARE AND MECHANISMS, TO BE COORDINATED WITH THE ELECTRICAL AND MECHANICAL ENGINEER REGARDING DESIGN, BUILDING PERMIT DOCUMENTS, AND CONSTRUCTION REVIEW.
31. **NEW EXTERIOR WALL ASSEMBLY** (OR APPROVED EQUIVALENTS):  
- REFER TO SPECIFICATIONS.  
  
REPLACES BOTTOM PORTION OF GARAGE DOOR AREA BELOW WINDOW SILL, AND WILL MATCH THE EXISTING ADJACENT EXTERIOR WALL ASSEMBLY. THE WALL ASSEMBLY CONSISTS OF, BUT IS NOT LIMITED TO, THE FOLLOWING COMPONENTS:  
  
**205mm x 205mm x 405mm CONCRETE MASONRY BLOCK C/W GROUT MORTAR** (MATCH EXISTING EXTERIOR WALL CONDITIONS)  
**AIR / VAPOUR BARRIER SYSTEM** (MATCH EXISTING EXTERIOR WALL CONDITIONS)  
**AIR CAVITY - FURRING AND FASTENING SUPPORT FOR EIFS SYSTEM** (MATCH EXISTING EXTERIOR WALL CONDITIONS)  
**EIFS FINISHING SYSTEM C/W ALL DETAILING AND COLOUR MATCHING** (MATCH EXISTING EXTERIOR WALL CONDITIONS)  
- REFER TO MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES.  
  
ENSURE TO MATCH THE EXISTING ADJACENT OVERALL EXTERIOR WALL MATERIALS AND THICKNESS DIMENSIONS, INCLUDING ALL DETAILED RECESSED AREAS AND WINDOW DETAILING.
32. MATCH EXISTING EIFS FINISHING COLOUR, RECESSED DIMENSIONS, AND FINISHING DETAILING.  
  
REFER TO MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES.
33. REPAIR, REFINISH, AND RESURFACE ANY EXISTING DAMAGED OR CRACKED AREAS IN THE EXISTING EIFS SYSTEM WITHIN THE SCOPE OF WORK AREA OUTLINED ON DRAWING 3/A04 & 4/A04. MATCH EXISTING EIFS FINISHING COLOUR, AND FINISHING DETAILING.  
  
REFER TO MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES.
34. DEMOLISH AND REMOVE EXISTING GARAGE DOOR BUMPERS ON EXTERIOR FACADE. REPAIR, REFINISH, AND RESURFACE THE EXISTING EIFS SYSTEM BEHIND THE REMOVED BUMPERS. MATCH EXISTING EIFS FINISHING COLOUR, AND FINISHING DETAILING.  
  
REFER TO MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES.
35. **PROPOSED NEW EXTERIOR WINDOW (W01)** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
REFER TO ELEVATION 4/A05.  
  
MATCH PROPOSED WINDOW (W01) TO EXISTING WINDOW LOCATED IN OFFICE ADJACENT TO ENTRY AREA AS INDICATED ON DRAWING 1/A05. THIS INCLUDES, BUT IS NOT LIMITED TO:  
- WINDOW SPECIFICATIONS AND INSTALLATION GUIDELINES INCLUDING MATCHING ALUMINUM ANODIZED FINISHING AND COLOUR.  
- EIFS SYSTEM DETAILING AND FINISHING, INCLUDING SLOPED SILL AND SQUARE EDGE JAMBS AND HEADER. EIFS SYSTEM TO FINISH 6mm FROM WINDOW FRAME AS INDICATED IN HEADER DETAIL 5/A05.
36. **EXISTING EXTERIOR WALL ASSEMBLY C/W EXISTING STRUCTURAL LINTEL ABOVE GARAGE DOOR OPENING**  
  
MATCH NEW WALL ASSEMBLY BELOW WINDOW SILL WITH THIS EXISTING EXTERIOR WALL ASSEMBLY.
37. **TYPICAL PREFINISHED METAL FLASHING** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
INSTALL EXTERIOR WINDOW FLASHING FROM UNDER WINDOW SILL AND CONTINUE ABOVE EIFS FINISHING SYSTEM (25mm). MATCH EXISTING WINDOW DETAILS IN ADJACENT OFFICE. PREFINISHED METAL COLOUR TO MATCH EIFS SYSTEM COLOUR.
38. **CAULKING SEALANT C/W BACKING ROD** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
SEAL PERIMETER OF WINDOW (EXTERIOR AND INTERIOR) INSTALLATION WITH SEALANT AND BACKING ROD.
39. **WOOD WINDOW SHIMS** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
LEVEL AND SHIM PERIMETER OF WINDOW WITHIN ROUGH OPENING.
40. **WOOD BLOCKING** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
BLOCKING TO SUPPORT NEW EIFS FINISHING SYSTEM DETAILING AT WINDOW SILL, HEAD, AND JAMBS.
41. **EIFS FINISHING SYSTEM DRIP EDGE DETAIL** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
INSTALL AND MATCH EXISTING EIFS DRIP EDGE DETAIL FROM WINDOW IN ADJACENT OFFICE. REFER TO MANUFACTURER'S SPECIFICATIONS, SHOP DRAWINGS, AND INSTALLATION GUIDELINES.
42. **AIR / VAPOUR BARRIER SYSTEM** (OR APPROVED EQUIVALENT):  
- REFER TO SPECIFICATIONS.  
  
MATCH EXISTING AIR / VAPOUR BARRIER SYSTEM CURRENTLY PRESENT IN EXISTING EXTERIOR WALL CAVITY. ENSURE TO INSTALL BARRIER SYSTEM AROUND WALL CAVITY AND FINISH INSIDE WINDOW FRAME.

**GENERAL NOTES:**

- A. DO NOT SCALE DRAWINGS. CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE.
- B. ALTERNATIVE BUILDING COMPONENT AND MATERIAL PROPOSALS MUST BE SIMILAR TO, OR LIKE, THE SPECIFIED BUILDING COMPONENT OR MATERIAL SELECTIONS. SUBSTITUTIONS MUST BE PRE-APPROVED BY CONSULTANT AND CLIENT. (APPROVED EQUIVALENT)
- C. ALL WORK AND SPECIFIED MATERIALS MUST CONFORM TO OR EXCEED THE LATEST EDITION OF THE NATIONAL BUILDING CODE OF CANADA REQUIREMENTS, AND ALL OTHER APPLICABLE CODES AND STANDARDS. WHERE CONFLICT OCCURS, THE HIGHER STANDARD GOVERNS.
- D. GENERAL CONTRACTOR TO PROVIDE SHOP DRAWINGS OR SAMPLES OF ALL SPECIFIED BUILDING COMPONENTS, MATERIALS, AND PAINT COLOURS FOR CONSULTANT AND CLIENT APPROVAL.
- E. GENERAL CONTRACTOR TO PROVIDE THE REQUIRED MECHANICAL AND ELECTRICAL ENGINEERING SERVICES TO SUCCESSFULLY COMPLETE THE CONTENT WITHIN THIS DRAWING PACKAGE. THIS INCLUDES, BUT IS NOT LIMITED TO:  
- THE DEMOLITION OR RELOCATION OF EXISTING ELECTRICAL AND MECHANICAL SYSTEMS REQUIRED TO COMPLETE THE SCOPE OF WORK.  
- THE DESIGN OF ANY PROPOSED NEW ELECTRICAL AND MECHANICAL SYSTEMS.  
- THE PROPOSED M & E SYSTEMS INCLUDED IN THESE DRAWINGS ARE SCHEMATIC ONLY.  
- COMPLETION OF ANY RELATED BUILDING PERMIT AND CONSTRUCTION DOCUMENTS.  
- ASSOCIATED CONSTRUCTION REVIEW AND FINAL APPROVAL PROCESS.  
  
THE NEW PROPOSED HVAC SYSTEM INSTALLATION IS THE EXCEPTION TO THE ABOVE (NOTE F).
- F. GENERAL CONTRACTOR TO COORDINATE WITH THE NEW PROPOSED HVAC INSTALLATION (SEPARATE PROJECT) FOR THE LOCATION OF SKYLIGHTS, AND THE HVAC INTEGRATION INTO THE NEW PROPOSED SUSPENDED ACOUSTICAL CEILING TILE/GRID (NOTE 29).
- G. REPAIR AND REFINISH ANY DAMAGE CAUSED BY PROJECT WORK.
- H. ALL WORK TO BE CONDUCTED AFTER NORMAL BUSINESS HOURS, BETWEEN 18:00 HOURS AND 06:00 HOURS.



Public Works and Government Services Canada  
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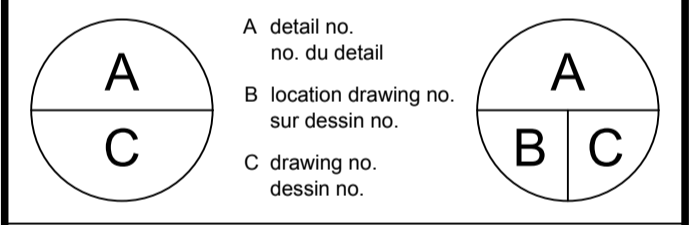


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Contractor to verify all dimensions & conditions on site and immediately notify the consultant of all discrepancies.

revisions	description	date
2	ISSUED FOR TENDER	2014/11/24
1	ISSUED FOR 99% COMPLETION REVIEW	2014/09/30



project project  
**HEALTH CANADA OCCUPATIONAL HEALTH UNIT (OHU) MODERNIZATION PROJECT**  
51 CHARDON DRIVEWAY  
TUNNEY'S PASTURE

drawing dessin  
**OHU: GENERAL NOTES AND DRAWING NOTES**

Designed By	Conçu par
Date	(yyyy/mm/dd)
Drawn By	Dessiné par
Date	(yyyy/mm/dd)
Reviewed By	Examiné par
Date	(yyyy/mm/dd)
Approved By	Approuvé par
Date	(yyyy/mm/dd)
Tender	Soumission
Project Manager	Administrateur de projets
Project no.	No. du projet

**H-018221**

Drawing no. No. du dessin  
**A00**

