



Stantec

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ADDENDUM #1

**Chemical Room Acid Storage Retrofit
National Hydrology Research Center
11 Innovation Boulevard
Saskatoon, Sask. S7N 3H5
Contract Number: KW405-12-1041**

July 25, 2013

ALL BIDDERS SHALL READ THE ENTIRE ADDENDUM AND TAKE INTO ACCOUNT ITEMS AFFECTING THEIR RESPECTIVE RESPONSIBILITIES.

This Addendum forms part of the Bid documents issued for above project and no consideration will be entertained for extras to contract due to failure of any bidder to become thoroughly familiar with the Addendum.

GENERAL

A1-1 Mandatory Contractor Site Visit (July 24th, 2013)

- .1 Personnel present included:
 - Johnson Controls (Pierre-Andre Ranger)
 - Black and McDonald (Jeff Aver, Tim Edmonds)
 - Strike Energy (Chad Stolte)
 - VP Mechanical (Matt Vanderkooy)
 - Suer & Pollon Mechanical (Ryan Suer)
 - Vipond Fire Protection (Darryl Murray)
 - Modern Niagara (Dominic Cuccia)
 - Simplex Grinnell (Marc Wilson)
 - Environment Canada (Brian Waldbauer, Edmund Perkins)
 - Stantec Consulting (Brad Adams)

AMENDMENTS TO DRAWINGS

A1-2 Drawing A1 – Partial Plans

- .1 Keynotes:
Keynote 1 – Add to provide minimum 20 gauge satin metal on both inside and outside of panel. Use stainless steel screws to secure to panel. All edges to be bent back for strength. Provide suitable weather-stripping of edge to seal. Prime and paint patches.

A1-3 Drawing A2 – Partial Plans

- .1 ADD New Plan 4 – Partial Roof Plan:
 - .1 Provide and install new concrete paver slabs for service access to new roof exhaust fans. Refer to attached supplemental drawing A2-R1 (8½” x 11” size).

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- .2 Contractor shall provide in area of work for new steel framing above roof, new exhaust fan and roof curb installation that a temporary walking surface be provided to protect the existing roofing during construction. Brush aside any gravel ballast, lay down new scrim sheets over existing fabric filters and provide 25 mm thick rigid Styrofoam insulation. Lay down temporary walking surface. At end of construction remove temporary surface and temporary insulation and replace gravel back to original condition.
- .3 NHRC Facility uses for preventative maintenance Flynn Canada Ltd., Saskatoon (306-242-5909). There is no warranty on this roof by any company. Contractors are allowed to use this Contractor or an approved equivalent roofer.

A1-4 Drawing M1 – Mechanical Demolition, New

- .1 Plan 1 – Partial Main Floor Plan – Heating, Ventilation – Demolition
1660 Warehouse Area – Outside of 1661 south of Grid E-3 remove sections of existing 25 Ø heating supply and return lines, control valve assembly rising up along wall to high level of roof. Cap off lines near service mains; repair insulation.
- .2 Plan 3 – Partial Mezzanine Plan – Fire Protection Demolition, New
Jog sections of existing sprinkler lines between Grid F&G along Grid 3 to allow for new steel installation below roof. See Structural drawings.

A1-5 Drawing E1 – Electrical, New

- .1 General Notes: ADD:
 - .7 As a reference, the location of existing service panels as noted on plans are located in Boiler Room 2760 approximately 45 meters south of the construction area. Final routing and dimension to be verified by Contractor during construction.

A1-6 General – Clarification

- .1 Contractor Parking – NHRC currently has allocated parking in their storage compound that may be used. Space is limited. Final allocation of number of stalls to be coordinated with the Facility Manager during construction.
- .2 Contractor laydown areas – Space outdoors is limited and may not be available for the Contractor's use. Coordination with the Facility Manager during construction is required.

Space indoors near the construction area for lay down and a construction desk will be provided. Space is limited and will be coordinated with the Facility Manager.
- .3 On-site garbage bin – Location will be coordinated with Facility Manager. Contractor shall provide ground protection for paved or other areas.
- .4 Storage racking on Mezzanine Level – Owner/User will remove all pallets and items from the area and will reinstate at end of construction. Contractor is responsible for relocation of the racking as noted on the floor plans.

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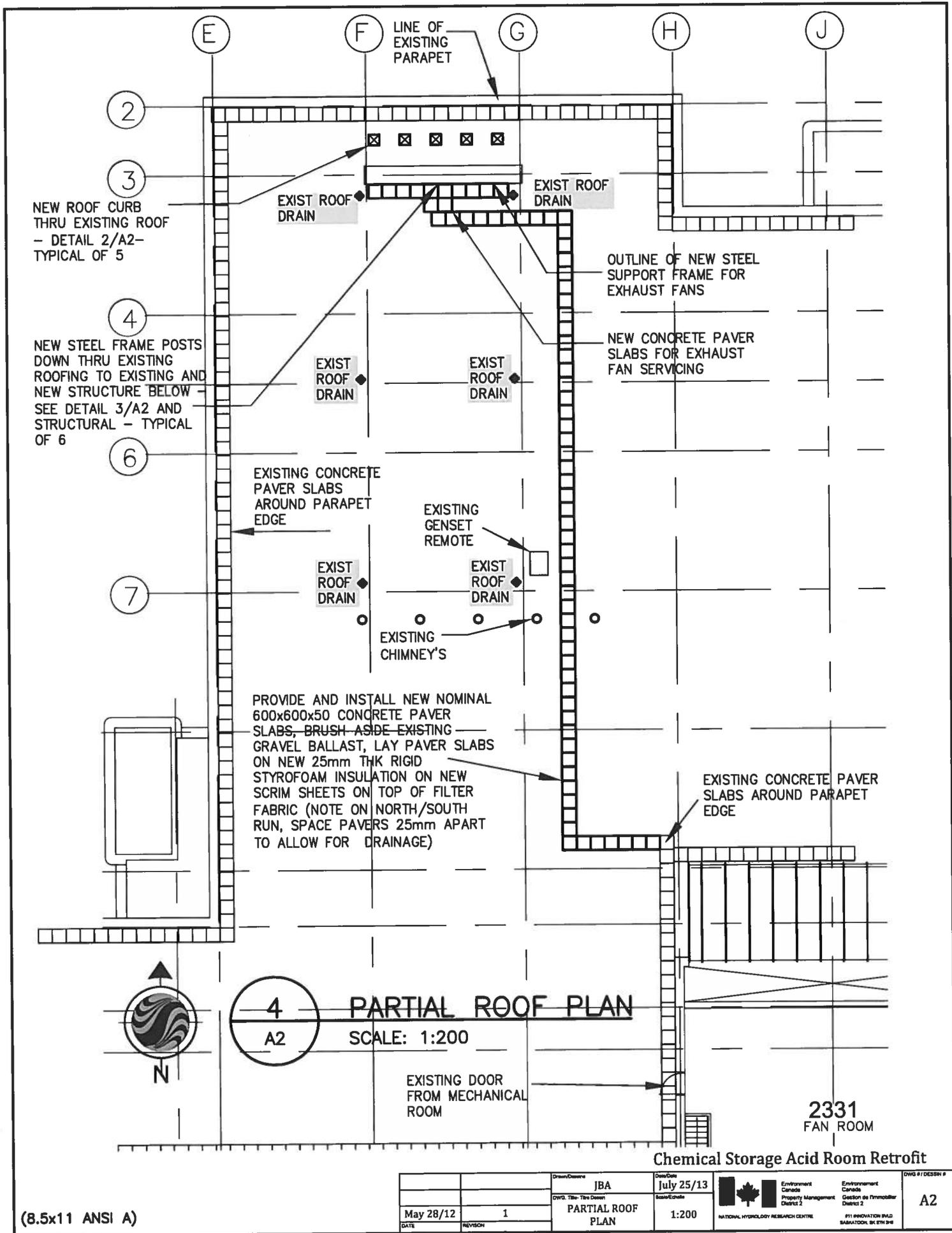
- .5 Storage racking in rooms – Owner/Users will be responsible to remove any materials and clean shelving units as necessary. The amount of materials that maybe required for removal are to be mutually agreed upon between the Owner/User and Contractor so that the Contractor may safely complete his work. Contractor may move the racking/shelves as necessary to complete his work.

After award of contract, Owner/User and Contractor will meet to determined what may need to be moved/relocated in a reasonable period of time as agreed upon with both parties.

- .6 Work to exterior blow-out panels – the Contractor is to install temporary plywood in the blow-out panel openings where the panel may be removed to complete the refurbishment work. Take note that there are security contacts located on the blow-out panels. Contractor to arrange with Facility Manager at time of removal of the devices to disable alarms, remove device from the panel. Refurbish panels as noted on drawings, replace and reinstall the alarm device. Coordinate re-activation with Facility Manager.

If blow-out panels are to be removed for more than a business day then the Contractor shall arrange for security and fire watch and include for those costs in his tender until the work is complete. (Also refer to similar situation for fire protection system work as noted on Mechanical drawing M5 Fire Protection.)

END OF ADDENDUM



4 PARTIAL ROOF PLAN
 A2 SCALE: 1:200

EXISTING DOOR FROM MECHANICAL ROOM

2331 FAN ROOM

Chemical Storage Acid Room Retrofit

(8.5x11 ANSI A)

Drawn/Desiner JBA		Date/Date July 25/13	 Environment Canada Property Management District 2 <small>NATIONAL HYDROLOGY RESEARCH CENTRE</small>	Environment Canada Gestion de l'immobilier District 2 <small>#11 INNOVATION BUILD SASKATON, SK S7N 3W6</small>	DWG # / DESIGN # A2
DATE May 28/12	REVISION 1	Scale/Echelle 1:200			