

Weekly Report

Report # 16

Nov 3rd, 2020

# Norway House Cree Nation

Health Centre of Excellence



Project:

CD4 – Health Centre of Excellence

Aman Chana

JNR Construction

# Weekly Progress Report

Nov 3, 2020, ID #112

## REPORT DETAILS

**Description** Weekly Progress report # 16

**Created by** Aman Chana

### 1. WORK LOG

Crew	# Workers	# Total hours	Work performed
JNR	34	1700	See below for details
Totals	34	1700	

### 2. CREW ONSITE

2.1 The following crews were active in this report period

- ☒ JNR
- ☐ Mechanical
- ☐ Electrical
- ☐ Masonry
- ☐ Structural Steel

### 3. ARCHITECTURAL

## 3.1 Ongoing Work

N/A

## 3.2 Completed Work

N/A

## 4. STRUCTURAL

## 4.1 Ongoing Work

**\*Structural Delay Ongoing**

Please see the Notes section at the bottom of the report for further details regarding other delays associated with the current shut down

## 4.2 Completed Work

**Concrete Work:**

- Grade Beam formwork continuing in area A1 approximately 99 percent completely formed. Approximately 95 percent of the rebar installed
- formwork install continues for footings in areas A2 and C1.

**Progress this week**

- Preparing formwork and tying rebar for footings in area C1 and C2.
- Drilling, chipping and cutting surface rock under footing locations in area C1 and C2.
- Laying and installing weeping tiles in area A1.
- Dewatering activities continue due to precipitation on site continuing as required.

## 5. MECHANICAL

## 5.1 Ongoing Work

**Producing required shop drawing submittals**

-Ongoing

## 5.2 Completed Work

n/a

## 6. ELECTRICAL

## 6.1 Ongoing Work

**Producing required shop drawing submittals**

**-Manitoba Hydro scheduled for mid to late November for power service install**

## 6.2 Completed Work

**n/a**

## 7. CIVIL

## 7.1 Ongoing Work

**Inspections:**

**M.Block representative has stayed on site during the lock down of the community. If the M.Block representative was to have left site on his turnaround no inspectors would have been able to return to site to inspect the ongoing backfilling operations. L.M Architectural Group was notified that the inspection agency would remain on site.**

**Inspections continued in area A3 and B2.**

**-Inspecting pad footings for drilling, voids and flatness in area C1 and C2.**

**Surveyor Layout of footing in area C1 and C2.**

**Layout of Piers in area B2.**

**Layout of Weeping Tiles in area A1.**

**Design review - Grade Checks**

**Backfill**

**Continuing in A1 90% completed**

**Continuing in A2 70% completed**

**Continuing in A3 95% completed**

**Continuing in B1 80% completed**

**Continuing in B2 10% completed**

**Weeping tile continues to be installed overall progress of perforated weeping tile is 10% complete**

**Solid weeping tile is 6% complete**

## 7.2 Completed Work

**N/A**

## 8. SAFETY AND COVID-19 SCREENING

## 8.1 Number of Covid Screening reports completed

**JRN is continuing screening all visitors and staff daily who report to site.**

**245 Covid screening reports completed on site last week.**

## 9. SITE VISIT SCHEDULE

### 9.1 Next scheduled site visit

**Community is currently on lock down and no site visit has been scheduled. Next scheduled visit to be determined.**

## NOTES

Progress on site this last week was slow due to community restrictions. We estimate the shut down has negatively impacted the schedule by pushing activities out by 3 weeks at a minimum currently. Grade beams pours were to be completed prior to structural steel arriving on site. The cascading delay has pushed all constructions activities back. The weather on site has also seen a significant change. As the community has seen the first significant winter storm.

Structural steel is currently rescheduled for shipment to site Nov 9th pending lifting of the community shut down.

JRN concrete operations to pour grade beams on hold as batch plant operator and concrete pump operator are out of the community awaiting clearances to return to site.

Concrete powder mix shipment also delayed due to community shut down.

Mechanical and Electrical trades were to be on site the weekend of October 30th to coordinate with the Civil trade on trenching required. Trades are on stand by and will reschedule arrival pending clearances.

Structural steel arrival delayed

Structural steel erection crew delayed

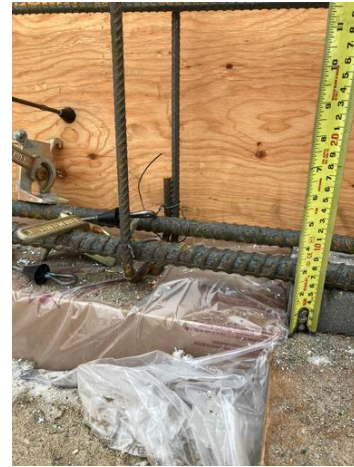
## PHOTOS (24)



Rebar closeup

**Wayne Dee**

Nov 3, 2020 11:49 AM



rebar connections

**Wayne Dee**

Nov 3, 2020 11:49 AM



Rebar being placed in footing form work

**Wayne Dee**

Nov 3, 2020 11:48 AM



rebar install in grade beam formwork

**Wayne Dee**

Nov 3, 2020 11:48 AM





IMG\_0048  
**Wayne Dee**  
Nov 3, 2020 11:47 AM



IMG\_0047  
**Wayne Dee**  
Nov 3, 2020 11:47 AM



IMG\_0046  
**Wayne Dee**  
Nov 3, 2020 11:47 AM



side view of grade beam formwork install  
**Wayne Dee**  
Nov 3, 2020 11:47 AM



Grade beam formwork area A1 with steel angle

**Wayne Dee**

Nov 3, 2020 11:47 AM



grade beam outside corner

**Wayne Dee**

Nov 3, 2020 11:46 AM



IMG\_0038

**Wayne Dee**

Nov 3, 2020 11:46 AM



Grade beam formwork w/ hoarding being constructed

**Wayne Dee**

Nov 3, 2020 11:46 AM





IMG\_0036  
**Wayne Dee**  
Nov 3, 2020 11:46 AM



IMG\_0035  
**Wayne Dee**  
Nov 3, 2020 11:46 AM



temp hoarding and grade beam formwork  
**Wayne Dee**  
Nov 3, 2020 11:43 AM



IMG\_0031  
**Wayne Dee**  
Nov 3, 2020 11:43 AM



grade beam corner with steel embed

**Wayne Dee**

Nov 3, 2020 11:41 AM



Grade beam formwork with rebar installed

**Wayne Dee**

Nov 3, 2020 11:41 AM



grade beam corner with steel embed

**Wayne Dee**

Nov 3, 2020 11:41 AM



temp roadway access into site

**Wayne Dee**

Nov 2, 2020 4:58 PM





pad & pier locations looking east toward P.A site

**Wayne Dee**

Nov 2, 2020 4:58 PM



pad and pier locations

**Wayne Dee**

Nov 2, 2020 4:58 PM



pad and pier locations

**Wayne Dee**

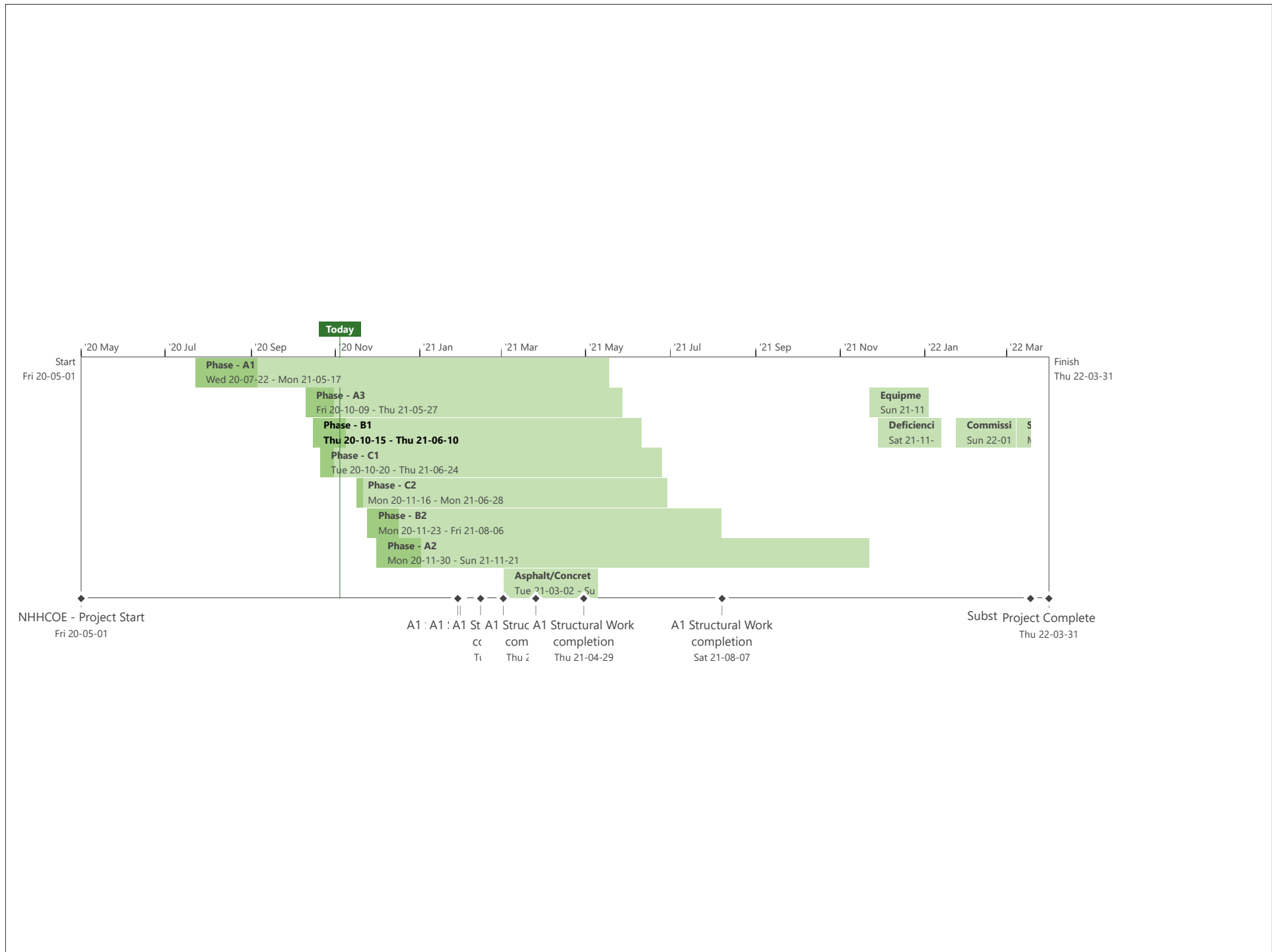
Nov 2, 2020 4:58 PM



snow fall on site

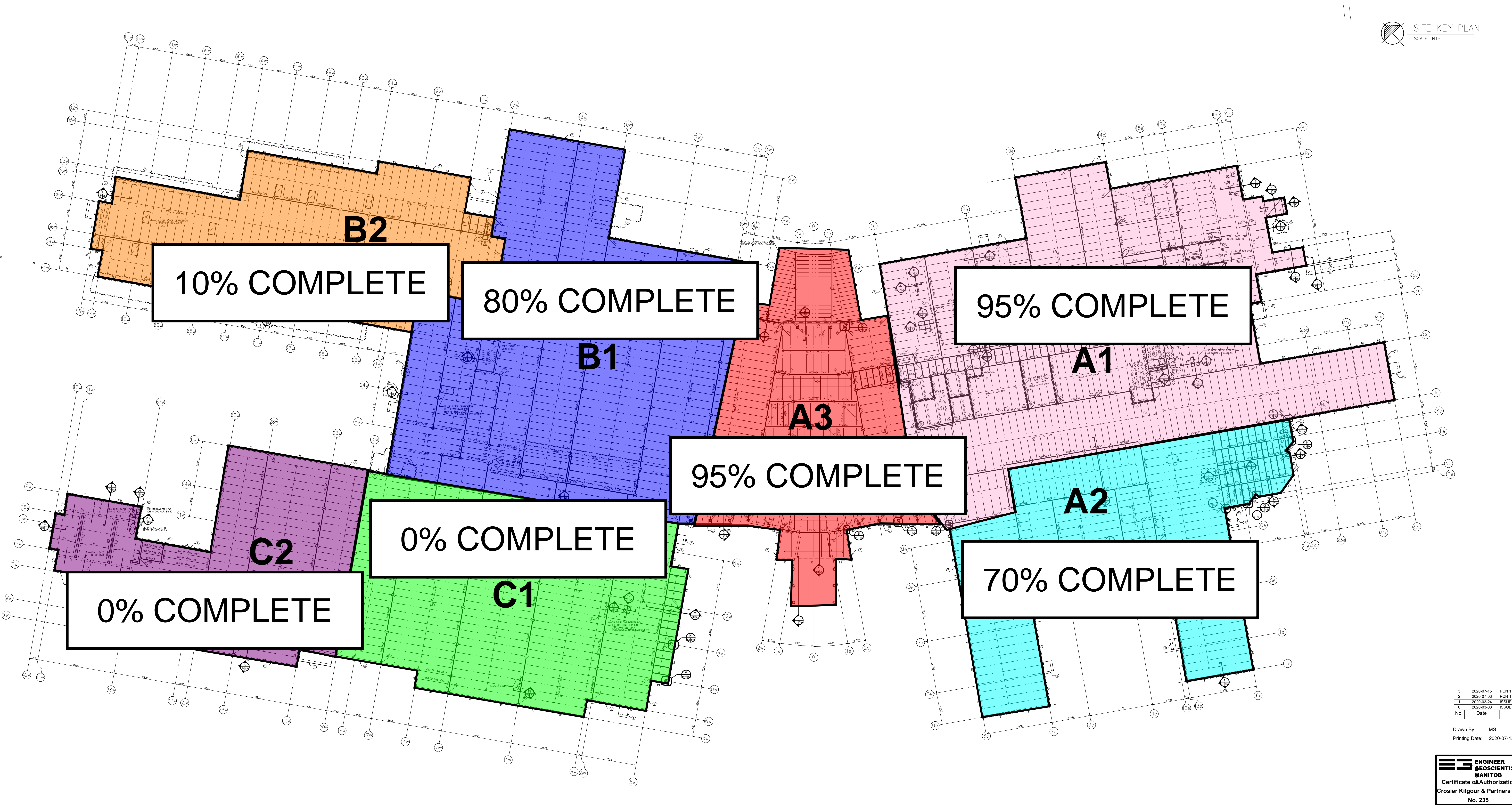
**Wayne Dee**

Nov 2, 2020 4:57 PM



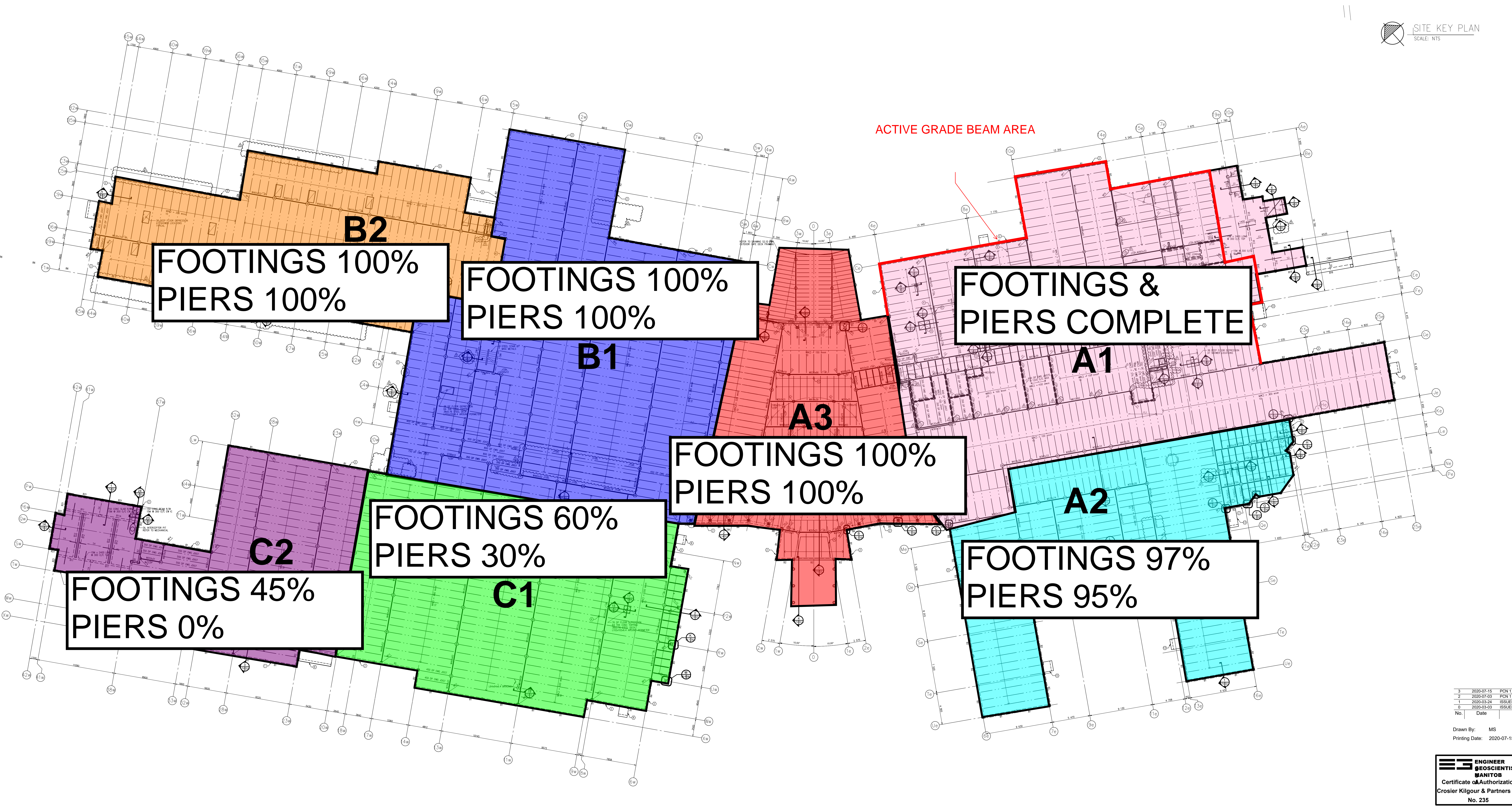


BACKFILL ACTIVITY





FORMWORK & CONCRETE ACTIVITY







NORWAY HOUSE CREE NATION  
19015D HEALTH CENTRE



RFI LOG

Updated:	2020-11-04	Contractor:	JNR Construction		CLOSED	CANCELLED
Project:	NHCN CD4 Health Centre	JNR Project No. :	19015D		OPEN	PENDING

RFI #	RFI Title	From	Subtrade RFI #	Date Received from Subtrade	Priority	Forwarded to	Date Forwarded to Consultant	Deadline	Date Response Received	SI, PCN, Memo	Date sent to trade	RFI Status	Comments
<a href="#">001</a>	Pilaster Footing	PM	N/A	12-Jun-20	No	CFG	12-Jun-20	22-Jun-20	15-Jun-20	At location described above use a P1or SP1 pier and a F1 footing.	N/A	Closed	
002	Footing Dowels	PM	N/A	12-Jun-20	No	CFG	12-Jun-20	22-Jun-20	15-Jun-20	Providing that no cost is associated with this request; use 30 M as follows: F1- 2-30M dowels F2, and F3 - 3-30M dowels Min 300 into bedrock drill and epoxy grout as per pier schedule still applicable 2020-06-15	N/A	Closed	
003	Structural Clarifications	Wescan	001	17-Jun-20	No	LM,CKP	17-Jun-20	24-Jun-20	23-Jun-20	For requested information refer to attached drawings,RS-2 to RS-5	23-Jul-20	Closed	
004	Manitoba Hydro Fault Currents	Wescan	N/A	25-Jun-20	Yes	SMS	17-Jun-20	03-Jul-20	26-Jun-20	SMS Eng. Is working on IFC documents to complete the service application ( per Manitoba Hydro's request ) all the information for the service application has been submitted to Manitoba Hydro, including load demand summary ,service application and unsealed electrical drawing	02-Jul-20	Closed	
005	Joist Design	Wescan	002	07-Jun-20	No	LM,CKP	03-Jul-20	09-Jul-20	03-Jul-20	1- Sprinkler Trade to comment 2- Sprinkler trade to comment 3- Coordinate with architect. <b>LMAG: No FRR to main floor assembly</b> 4- Net uplift 0.62 kPa. 5- End moments are not required 6- See attached pages for information requested. 7- Coordinate with architectural drawings <b>LMAG: Refer to roof plan for locations. Load to be accommodated as determined by OWSJ engineer</b> 8- Sawtooth walls deleted. Refer to PCN 01.	08-Jul-20	Closed	
006	Masonry Connection	Wescan	003	08-Jul-20	Yes	LM,CKP	08-Jul-20	10-Jul-20	22-Jul-20	CKP (CFG) 2020-07-22 Refer to attached drawing RS 08 for information requested.	23-Jul-20	Closed	
007	Footing Detail	PM	N/A	17-Jul-20	Yes	LM,CKP	17-Jul-20	27-Jul-20	29-July-20 27-Aug-20	For footings ranging from 475 deep to 600 deep; no additional reinforcing needed. For footings ranging from 600 deep to 1000 deep (maximum), vertical reinforcing and ties required.  <b>On 27-Aug-20 Response revised to include vertical reinforcing and ties</b> <b>.All ties 10M @ 250 o/c. (minimum 2 ties per footing)</b> <b>Ftg F1 12-15M</b> <b>Ftg F2 16-15M</b> <b>Ftg F3 20-15M</b> <b>Ftg F4 38-15M (12 long side, 7 short side)</b>	28-Aug-20	Closed	



NORWAY HOUSE CREE NATION  
19015D HEALTH CENTRE



RFI LOG

Updated: 2020-11-04		Contractor: JNR Construction									CLOSED	CANCELLED	
Project: NHCN CD4 Health Centre		JNR Project No. : 19015D									OPEN	PENDING	
008	Metal Deck Connection	PM	N/A	29-Jul-20	No	LM,CKP	29-Jul-20	12-Aug-20	29-Jul-20	The Hilti system is an acceptable alternate. Hilti representative to review the installation and provide a letter indicating that their product was installed as per Hilti's recommendations. Capacity of Hilti system should be equal or greater than the arc spot welds specified on contract documents	29-Jul-20	Closed	
009	RO System Pump Clarification	Wescan	005	05-Aug-20	Yes	LM,CKP	05-Aug-20	12-Aug-20	24-Aug-20	RO Pump as identified in the specification section 22 67 00 item 2.1.14 (tagged as PP-14), dwg. M3.1A and dwg. M7.6 is to be tagged as PP-15. Pumps PP-13/PP-14 are tagged as per plumbing pump schedule MS-59. Motor schedule pump tag PP-15 Emergency Domestic Water to be re-tagged as PP-15 MDR RO High Quality Water Loop Pump. Refer to SMS SI 02.	24-Aug-20	Closed	
010	Floor Joist Glulam Load	Canam	006	07-Aug-20	No	LM,CKP	10-Aug-20	15-Aug-20	18-Aug-20	No additional load is applied to the joists by the glulam columns. Will clarify connection of joists at locations where glulam columns and joists coincide.	27-Aug-20	Closed	
011	Column Clear Distance	Wescon	N/A	N/A	No	LM.CKP	11-Sep-20	09-Sep-20	14-Sep-20	Refer to attached AR.004 for column placement.	2020-09-14	Closed	
012	Snow Drift	Wescan	18	01-Sep-20	Yes	LM,CKP	01-Sep-20	04-Sep-20	01-Sep-20	Refer to attached drawing S2.2D for information requested.	02-Sep-20	Closed	
013	Miscellaneous Architectural Clarifications	Wescan	09,11,12,13,14,15 &16	24-Aug-20	Yes	LM	02-Sep-20	31-Aug-20	02-Sep-20	Please ensure we are using the correct drawings for the project. All the drawings should be the IFC drawings which capture the cost savings. James you were provided a list of the accepted cost savings can you please forward this on to your team so everyone is on the same page. It might be beneficial we setup a teams meeting to review. The comments below are based on my submission of RFI 9-16	02-Sep-20	Closed	
014	Pier P3 Dowel	PM	N/A	02-Sep-20	Yes	LM,CKP	02-Sep-20	05-Sep-20	02-Sep-20	When a square or rectangle pier is installed in lieu of a round pier, the number of dowels should match. i.e.: in this case the number of dowels in the footing should match the number of vertical bars in the pier.	N/A	Closed	
015	Base Plate Size	Wescan	N//A	09-Sep-20	No	LM,CKP	9-Spe-20	14-Sep.20	10-Sep-20	Contract documents called for P1 or SP1 as indicated on highlighted area in attached drawing. Use SP1 piers at locations where BP11 base plates bear on piers. Alternatively, at locations where BP11 rest on the pier, can use a P2 pier, providing that no cost is associated with it.	N/A	Closed	
016	Cultural Hall Roof Framing	Wescan	N/A	16-Sep-20	No	LM,CKP	18-Sep-20	26-Sep-20	18-Sep-20	EL 103 900 IS CORRECT 532 BEAM IS CORRECT AS SHOWN ON SECTION S1/S5.4	2020-09-18	Closed	





NORWAY HOUSE CREE NATION  
19015D HEALTH CENTRE



RFI LOG

Updated: 2020-11-04		Contractor: JNR Construction										CLOSED	CANCELLED
Project: NHCN CD4 Health Centre		JNR Project No. : 19015D										OPEN	PENDING
017	Expansion Joint Details	Wescan	19	18-Sep-20	Yes	LM	24-Sep-20	05-Oct-20	07-Oct-20		2020-10-07	Closed	
018	Footing in Existing Low Area	JNR	N/A	N/A	Yes	LM	24-Sep-20	05-Oct-20	14-Oct-20			Cloaed	
019	Vertical drain lines in the exterior wall	Wescan	22	23-Sep-20	Yes	LM	01-Oct-20	14-Oct-20	08-Oct-20		2020-10-08	Closed	
020	Floor drain line in Scissor Lift station	Wescan	24	24-Sep-20	Yes	LM	28-Sep-20	08-Oct-20	26-Oct-20		2020-10-26	Closed	
021	GB Grade Beam elevation change	JNR	N/A	N/A	Yes	LM	28-Sep-20	08-Oct-20	05-Oct-20		N//A	Closed	
022	Crawlspace density frequency test	JNR	N/A	N/A	Yes	LM	28-Sep-20	08-Oct-20	05-Oct-20	Accepted to use same frequency for slap test	N/A	Closed	
023	Mechanical Room Equipment Load	Wescan	27	29-Sep-20	Yes	LM	29-Sep-20	09-Oct-20	07-Oct-20	LM requested equipment load confirmation, reminder sent to Wescan on 10-08-20 waiting response Wescan resposne on 10-09-20 that the total combined weight of 4 units	2020-10-07	Closed	
024	Joist in room IJ 05	Wescan	26	29-Sep-20	Yes	LM	01-Oct-20	14-Oct-20	05-Oct-20		2020-10-05	Closed	
025R1	Access Hatch Locations	JNR	N/A	05-Oct-20	No	LM	07-Oct-20	07-Oct-20	08-Oct-20		2020-10-08	Closed	
026	Embed Type to Support Joist	Wescan	31	05-Oct-20	No	LM	05-Oct-20	15-Oct-20	07-Oct-20		2020-10-07	Closed	
027	Steel Framing Verification	Wescan	31	05-Oct-20	No	LM	15-Oct-20	26-Oct-20	19-Oct-20		19-10-20	Closed	
028	Elect Service Room Steel Elevation	Wescan	40	19-Oct-20	Yes	LM	26-Oct-20	06-Nov-20	29-Oct-20		2020-10-29	Closed	



NHCN CD4/19015D  
NORWAY HOUSE CREE NATION - HEALTH CENTRE



CHANGE LOG

Updated: 2020-11-04	JNR - JNR Construction	CD - Change Directiv	RFI - Request for Information	C - Civil	L - Landscape	APPROVED
Project: NHCN CD4 Health Centre	NHCN - Norway House Cree Nation	CO - Change Order	PCN - Proposed Change Notice	A - Architectural	M- Mechanical	CANCELLED
Contract or: JNR Construction	LM - LM Architectural Group	RFE - Request for Equal	SI - Supplemental Instruction	S - Structural	O - Other	AWAITING PRICING
JNR Proj# 19015D	SMS - SMS Engineering Ltd.	RFX - Request for Extra	RFI - Request for Information	E - Electrical		PRICING SUBMITTED

PCN #	DATE ISSUED	DESCRIPTION	IN RESPONSE TO	ATTACHED DOCUMENTS	DISCIPLINE(S)	ESTIMATE AMOUNT	DATE SUBMITTED	CO #	OWNER APPROVED	STATUS	COMMENTS
001	3-Jul-2020	Cost Savings Implementation.	Refer to the tender documents including addenda and post-tender addenda.	Refer to PCN No. S-01, dated July 3, 2020,	Architectural, Structural					AWAITING PRICING	
001R1	15-Jul-2020	Cost Savings Implementation.	Tender Documents including Addenda and Post-Tender Addenda.- PCN No. 001.	PCN No. S-01-R1, dated July 15, 2020, 18	Architectural, Structural					AWAITING PRICING	
002	17-Jul-2020	Cost Savings Implementation.	Tender Documents including Addenda and Post-Tender Addenda. - PCN No. 001R1, Structural Revision.	Architectural Specification Sections and Drawings. SMS Engineering Limited Mechanical and Electrical PCN No. SMS 001.	Architectural, Structural, Mechanical and Electrical					AWAITING PRICING	
RFX #	DATE ISSUED	DESCRIPTION	IN RESPONSE TO	ATTACHED DOCUMENTS	DISCIPLINE(S)	ESTIMATE AMOUNT	DATE SUBMITTED	CO #	OWNER APPROVED	STATUS	COMMENTS
RFE #	DATE ISSUED	DESCRIPTION	IN RESPONSE TO	ATTACHED DOCUMENTS	DISCIPLINE(S)	ESTIMATE AMOUNT	DATE SUBMITTED	CO #	OWNER APPROVED	STATUS	COMMENTS
CD #	DATE ISSUED	DESCRIPTION	IN RESPONSE TO	ATTACHED DOCUMENTS	DISCIPLINE(S)	ESTIMATE AMOUNT	DATE SUBMITTED	CO #	OWNER APPROVED	STATUS	COMMENTS
001	30-May-20	Bedrock and Crawlspace Depths	Section 33 46 13 Weeping Tile	Drawing SK-1, JNR Blasting Estimate 05.30.2020	Structural					AWAITING PRICING	
001R1	30-May-20	Bedrock and Crawlspace Depths	Section 33 46 13 Weeping Tile	Drawing SK-1, JNR Blasting Estimate 05.30.2020	Structural					AWAITING PRICING	
002	22-Jun-20	Bedrock and Crawlspace Depths	N/A	L2.0 (PDF) Change Directive No.01 (HTFC)	Structural					AWAITING PRICING	
CO #	DATE ISSUED	DESCRIPTION	IN RESPONSE TO	ATTACHED DOCUMENTS	DISCIPLINE(S)	SUBCONTRACTORS	CO AMOUNT	OWNER APPROVED	DATE APPROVED	STATUS	COMMENTS