

Weekly Report

Report # 20

Dec 1st, 2020

# Norway House Cree Nation

Health Centre of Excellence



Project:

CD4 – Health Centre of Excellence

Aman Chana

JNR Construction

# Weekly Progress Report

Dec 1, 2020, ID #141

## REPORT DETAILS

**Description** Weekly Progress report # 20

**Created by** Aman Chana

### 1. WORK LOG

Crew	# Workers	# Total hours	Work performed
JNR	33	1980	See below for discriptions
Totals	33	1980	

### 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

Wescan Structural Steel erectors prepped for erection in area A1 and started erecting some steel .  
 Steel erection in area A1 (14e-20e/Be-Ee).

## 4.2 Completed Work

**Concrete Work:**

- Preparing pre-form cages and tying rebars for Grade Beam in area B1.
- 13.5 Cubic m of concrete was poured in 31 Piers (C1/C2) and 5 Footings (A2)
- Striping formwork in area C1/C2.
- 36.5 Cubic m. of concrete was poured in Grade Beam (A3 / A1 - Loading Dock Area)

## 5. MECHANICAL

## 5.1 Ongoing Work

Producing required shop drawing submittals -Ongoing

## 5.2 Completed Work

Installed 1st section for Sanitary main (A1).  
 Prepped for water main Cathodic protection  
 Poured thrust block prepped for last section of sanitary main  
 Monitoring Sanitary trench backfill (A1)  
 Domestic water rise prepped for thrust block.

## 6. ELECTRICAL

## 6.1 Ongoing Work

Producing required shop drawing submittals -Ongoing

## 6.2 Completed Work

N/A

## 7. CIVIL

### 7.1 Ongoing Work

#### Inspections:

Inspecting backfilling operation in area B1 and C1

Concrete testing performed (Slump - 190mm | Air Content - 4.8% | Temp. 24.7 C)

6 lifts passed in area B1/C1:

1st lift - Compaction 98.6% , Moisture Content 2.5%

2nd lift - Compaction 95.8% , Moisture Content 2.6%

3rd lift - Compaction 96.2% , Moisture Content 3.5%

4th lift - Compaction 98.0% , Moisture Content 2.8%

5th lift - Compaction 96.9% , Moisture Content 3.7%

6th lift - Compaction 94.7% , Moisture Content 3.0%

#### Surveyor

Sanitation grade check and layout (A1).

Weeping tile trench layout (A1/A3).

Grade beam layout (B1/B2).

Crawl space backfill layout (A1/A3)

Backfilling operations in area A1

Backfilling operations in B1 and C1 - On-going

Constructing temporary roads across the building footprint.

Laying/Digging for weeping tiles in area A1/A3

### 7.2 Completed Work

## 8. SAFETY AND COVID-19 SCREENING

### 8.1 Number of Covid Screening reports completed

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

198 Covid screening reports completed on site last week.

On Friday Nov 27th a positive Covid Test was confirmed in Norway House. The community immediately initiated a 48 hr lockdown. Loss of manpower and productivity was experienced on 28th and 29th of Nov as a majority number of the local employees stayed at home due to the NHCN community advisory.

-All site trailers are now marked with Mandatory mask signage and the occupancy capacity while maintaining safe social distancing protocols is also clearly marked on the doors

-JNRs lunch trailer has been separated down the centre line with poly and framing to maintain social distancing.

-Loss of productivity and will be tracked and submitted due to Covid lockdown loss of 2 days on schedule.

## 9. SITE VISIT SCHEDULE

### 9.1 Next scheduled site visit

**Next scheduled visit to site is Dec 3rd 2020**

## NOTES

### NOTES:

#### Schedule Notes:

Please refer to the attached project schedule and the summary of the main activities. The project has achieved 11% actual progress based on Nov 24, 2020. The provided timelines in the report indicates the extension A1 activities duration due to the following:

The work priorities were considered for the completion of all footing and piers in the remaining areas before deep freeze on site. The majority of footing and piers in the remaining areas have been completed in advance to the scheduled start date according to the schedule.

Please see the attached productivity and schedule update

## PHOTOS (36)



Grade beam area A1  
**David Somerville**  
Dec 1, 2020 9:21 AM



structural steel install  
**David Somerville**  
Dec 1, 2020 9:21 AM





trenching for weeping tile  
**David Somerville**  
Dec 1, 2020 9:21 AM



grade beams and backfill  
**David Somerville**  
Dec 1, 2020 9:21 AM



trenching for sanitary lines  
**David Somerville**  
Dec 1, 2020 9:21 AM



Hoarding of pad and pier locations  
**Wayne Dee**  
Dec 1, 2020 6:22 AM



trenching for weeping tile

**Wayne Dee**

Dec 1, 2020 6:22 AM



installing tarps for ground thaw

**Wayne Dee**

Dec 1, 2020 6:22 AM



backfill operations

**Wayne Dee**

Dec 1, 2020 6:22 AM



Hoarding of pad and pier locations

**Wayne Dee**

Dec 1, 2020 6:22 AM





IMG\_0797  
**Wayne Dee**  
Dec 1, 2020 6:22 AM



IMG\_0795  
**Wayne Dee**  
Dec 1, 2020 6:22 AM



internal paths for access to building footprint  
**Wayne Dee**  
Dec 1, 2020 6:22 AM



IMG\_0757  
**Wayne Dee**  
Dec 1, 2020 6:20 AM





IMG\_0763

**Wayne Dee**

Dec 1, 2020 6:20 AM



grade beam hoarding

**Wayne Dee**

Dec 1, 2020 6:20 AM



IMG\_0756

**Wayne Dee**

Dec 1, 2020 6:20 AM



drone shot of backfill operations

**Wayne Dee**

Dec 1, 2020 6:20 AM



structural steel area 1

**Wayne Dee**

Dec 1, 2020 6:20 AM



drone shot

**Wayne Dee**

Dec 1, 2020 6:17 AM



drone shot of site

**Wayne Dee**

Dec 1, 2020 6:17 AM



Pressure Test Gauge

**David Somerville**

Nov 28, 2020 11:01 AM





Pipe Connection

**David Somerville**

Nov 28, 2020 11:01 AM



Concrete pump line ready pouring piers

**David Somerville**

Nov 28, 2020 11:01 AM



pump operators

**David Somerville**

Nov 28, 2020 11:01 AM



Laying Pipe in Trench

**David Somerville**

Nov 28, 2020 11:01 AM





Placing Granular Backfill Lifts

**David Somerville**

Nov 28, 2020 11:01 AM



Trenching for Weeping Tiles

**David Somerville**

Nov 28, 2020 11:01 AM



Glycol Ground Loop

**David Somerville**

Nov 28, 2020 11:01 AM



Glycol Lines for ground thaw

**David Somerville**

Nov 25, 2020 5:22 PM



Laying Pipe In Trench  
**David Somerville**  
Nov 25, 2020 5:22 PM



Pipe Connection  
**David Somerville**  
Nov 25, 2020 5:22 PM



Pipe Underside of Grade Beam  
**David Somerville**  
Nov 25, 2020 5:22 PM



Bolt Layout  
**David Somerville**  
Nov 25, 2020 5:22 PM



Sanitary Trench Digging

**David Somerville**

Nov 25, 2020 5:22 PM



Grade Beam Formwork

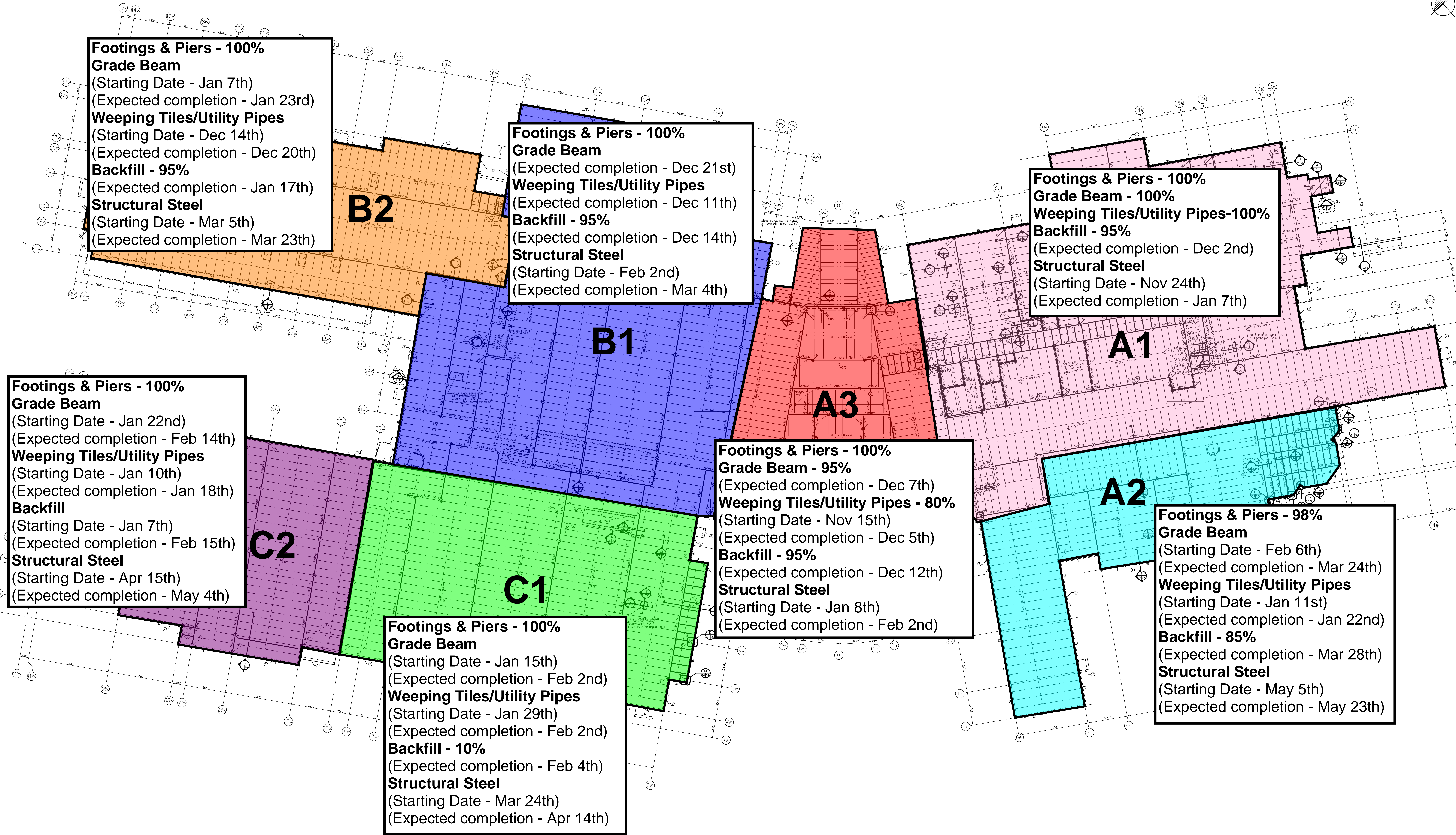
**David Somerville**

Nov 25, 2020 5:22 PM

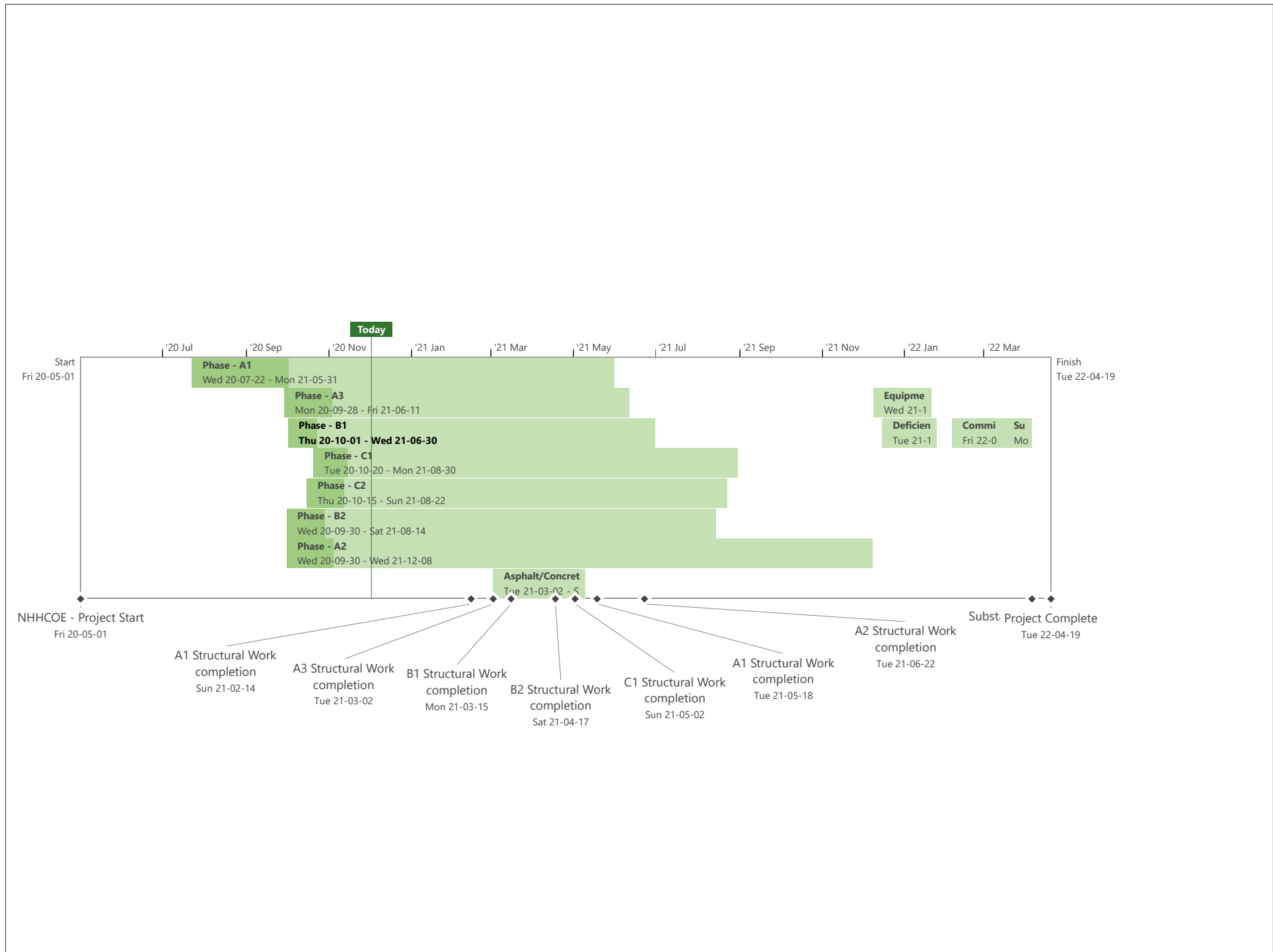


NORWAY HOUSE HEALTH CENTRE OF EXCELLENCE ACTIVITY SUMMARY

Productivity and Schedule Update









NORWAY HOUSE CREE NATION  
19015D HEALTH CENTRE



RFI LOG

Updated:	2020-12-02	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:	2020-12-02	Contractor:	JNR Construction		CLOSED	CANCELLED
Project:	NHCN CD4 Health Centre	JNR Project No. :	19015D		OPEN	PENDING

008	Metal Deck Connection	Wescan	008	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	09,10,11,12,13,14,15 &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	JNR	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	JNR	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: 2020-12-02		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			Closed	
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 response on 10-09-20 that the total combined weight of 4 units	07-Oct-20	Closed	
024	Joist in room IJ 05	Wescan	26	29-Sep-20	Yes	LM	01-Oct-20	14-Oct-20	05-Oct-20		05-Oct-20	Closed	
025R1	Access Hatch Locations	JNR	N/A	05-Oct-20	No	LM	07-Oct-20	07-Oct-20	08-Oct-20		08-Oct-20	Closed	
026	Embed Type to Support Joist	Wescan	31	05-Oct-20	No	LM	05-Oct-20	15-Oct-20	07-Oct-20		07-Oct-20	Closed	
027	Steel Framing Verification	Wescan	32	05-Oct-20	No	LM	15-Oct-20	26-Oct-20	19-Oct-20		19-Oct-20	Closed	
028	Elect Service Room Steel Elevation	Wescan	40	19-Oct-20	Yes	LM	26-Oct-20	06-Nov-20	29-Oct-20		29-Oct-20	Closed	



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



CHANGE LOG

Updated 2020-12-02	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 Estimate SI - Supplemental Instruction	S - Structural	O - Other	AWAITING PRICING
JNR Proj 19015D	SMS - SMS Engineering Ltd.	RFX - Request for Proposal 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	240,742.00	2020-11-16			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					PRICING SUBMITTED	
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	68,075.00	2020-11-16			PRICING SUBMITTED	
003	23-Nov-2020	Ambulance Bay Drain Modification	RFI # 036	8 pages total (4pages text, 4 pages drawings)	Architectural, Structural, Mechanical and Electrical					AWAITING PRICING	
004	30-Nov-2020	1-Loading Dock Equipment 2-Window Treatment Schedule 3-Room Finish Schedule	Cost Savings Accepted by Owner	12 pages total (6 pages text, 6 drawings)	Architectural, Structural, Mechanical and Electrical					AWAITING PRICING	
005	30-Nov-2020	Pier 138 Conflict	Pier 138 Conflict	3 pages total (2 pages text, 1 drawings)	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	N/A	N/A			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	13,857.00	30-Nov-20			Pricing Submitted	
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