Weekly Report Report # 22

Dec 15th, 2020

### **Norway House Cree Nation**

Health Centre of Excellence



Project:

CD4 – Health Centre of Excellence

Aman Chana JNR Construction



### Weekly Progress Report

Dec 15, 2020, ID #141

### **REPORT DETAILS**

**Description** Weekly Progress report # 22

Created by Aman Chana

### 1. WORK LOG

Crew	# Workers	# Total hours	Work performed
JNR	38	2280	See below for discriptions
Totals	38	2280	

2. CRI	2. CREW ONSITE											
2.1 Th	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 erection continuing in area A1 Use of crane continuing on site.

#### 4.2 Completed Work

Concrete Prep area for designed "fix" in water pooling area in A2 -Pre-build forms #138 F-1 and F-2 -Tying and placing rebar -Layout and formwork for Grade Beam (B2/C1). -Setting formwork -Fastening weld plates and embed angle -Start Button up for pour. -Grade beam Stripping. -Ongoing heating and hoarding of concrete 38 Cubic m of concrete was poured in Grade Beam in area B1/B2 (Approx. 136 lin. meters).

Layout, fasten and sealing poly vapour barrier in Crawl space (A3)

### 5. MECHANICAL

5.1 Ongoing Work

Producing required shop drawing submittals -Ongoing

5.2 Completed Work

Installing for Sanitary main (A2). Monitoring Sanitary trench backfill (A3) Ongoing sanitary work throughout building foot print.

### 6. ELECTRICAL



6.1 Ongoing Work

Producing required shop drawing submittals -Ongoing

6.2 Completed Work

### 7. CIVIL

7.1 Ongoing Work

Inspections: M.block continuing inspecting backfilling operation in area C1/C2. lifts tested and approved: -Compaction: 104.4%, MC 3.3% Compaction: 95.6%, MC 2.9% -Compaction: 94.5%, MC 3.0% Compaction: 96.0%, MC 2.6% -Compaction: 97.2%, MC 2.9% / Compaction: 97.4%, MC 3.8% -Compaction: 96.6%, MC 3.3% Compaction: 98.7%, MC 2.5% / Compaction: 102.5%, MC 2.5% / Compaction: 101.7%, MC 3.1%. Compaction: 101.0%, MC 3.1% / Compaction: 98.9%, MC 3.1% Compaction: 96.4%, MC 4.4% Surveyor Layout of pooling area fix in area A2

Layout of pooling area fix in area A2 Layout Sidewalk blocks in crawlspace Gridline layout. Drafting and data management.

Backfilling operations in area A3 for poly. Backfilling operations in C1 / C2 - On-going Laying/Digging for weeping tiles in area B1/C1/C2

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. 228 Covid screening reports completed on site last week.

### 9. SITE VISIT SCHEDULE



#### 9.1 Next scheduled site visit

Next scheduled visit to site is to be determined.

### NOTES

### NOTES:

Community lock down has been extended and will continue until Jan 4th 2021. All JNR employees are reporting to site and are not venturing into the community as per the latest NHCN community regulations.

Site will shut down for the Christmas break on Dec 21. 24 hour security will remain on site monitoring activity over the break. Regular site activities to commence back on Jan 4th 2021.

### PHOTOS (31)



hating and hoarding with frost fighters and tarps Arshdeep Grewal Dec 14, 2020 4:55 PM



hoarding construction Arshdeep Grewal Dec 14, 2020 4:55 PM



43 Arshdeep Grewal Dec 13, 2020 8:31 PM



41 Arshdeep Grewal Dec 13, 2020 8:31 PM



Arshdeep Grewal Dec 13, 2020 8:31 PM



34 Arshdeep Grewal Dec 13, 2020 8:29 PM





grade beam side view Arshdeep Grewal Dec 13, 2020 8:29 PM



31 Arshdeep Grewal Dec 13, 2020 8:28 PM



Arshdeep Grewal Dec 13, 2020 8:29 PM



24 Arshdeep Grewal Dec 13, 2020 8:28 PM





23 Arshdeep Grewal Dec 13, 2020 8:27 PM



grade beam corner Arshdeep Grewal Dec 13, 2020 8:25 PM



Grade beam formwork with rebar Arshdeep Grewal Dec 13, 2020 8:27 PM



Steel embed in grade beam formwork Arshdeep Grewal Dec 13, 2020 8:15 PM

### **19015D-NHCN-Health Centre**

Norway House, Manitoba





rebar to void spacing confirmation Arshdeep Grewal Dec 13, 2020 8:15 PM



IMG\_0160 Wayne Dee Dec 12, 2020 2:13 PM



Steel embed in grade beam formwork Arshdeep Grewal Dec 13, 2020 8:15 PM



grade beam rebar at pier location Wayne Dee Dec 12, 2020 2:13 PM





removal of heating unit from poured concrete Wayne Dee Dec 12, 2020 2:08 PM



Steel embed Wayne Dee Dec 12, 2020 2:08 PM



dowel install Wayne Dee Dec 12, 2020 2:08 PM



rebar spacing confirmation Wayne Dee Dec 12, 2020 2:08 PM





Rebar closeup **Wayne Dee** Dec 12, 2020 2:08 PM



drone shot of poly and sand install Wayne Dee Dec 12, 2020 2:05 PM



drone shot of site Wayne Dee Dec 12, 2020 2:05 PM



Hoarding of grade beams Wayne Dee Dec 12, 2020 2:05 PM





drone shot of poly install area A1 Wayne Dee Dec 12, 2020 2:05 PM



steel joists and beams in area A1 Wayne Dee Dec 12, 2020 2:05 PM



joist close up **Wayne Dee** Dec 12, 2020 2:05 PM

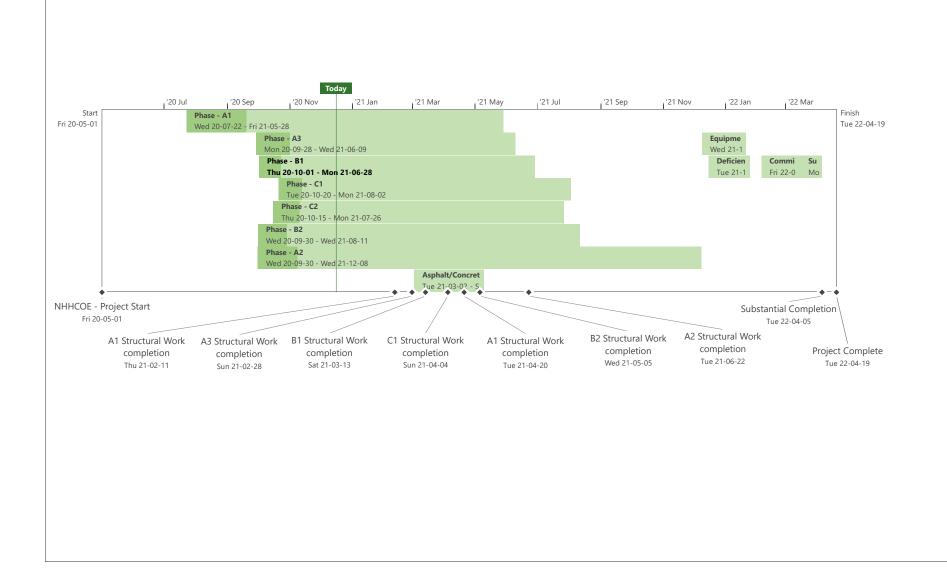


steel joist erection in area A1 Wayne Dee Dec 12, 2020 2:05 PM

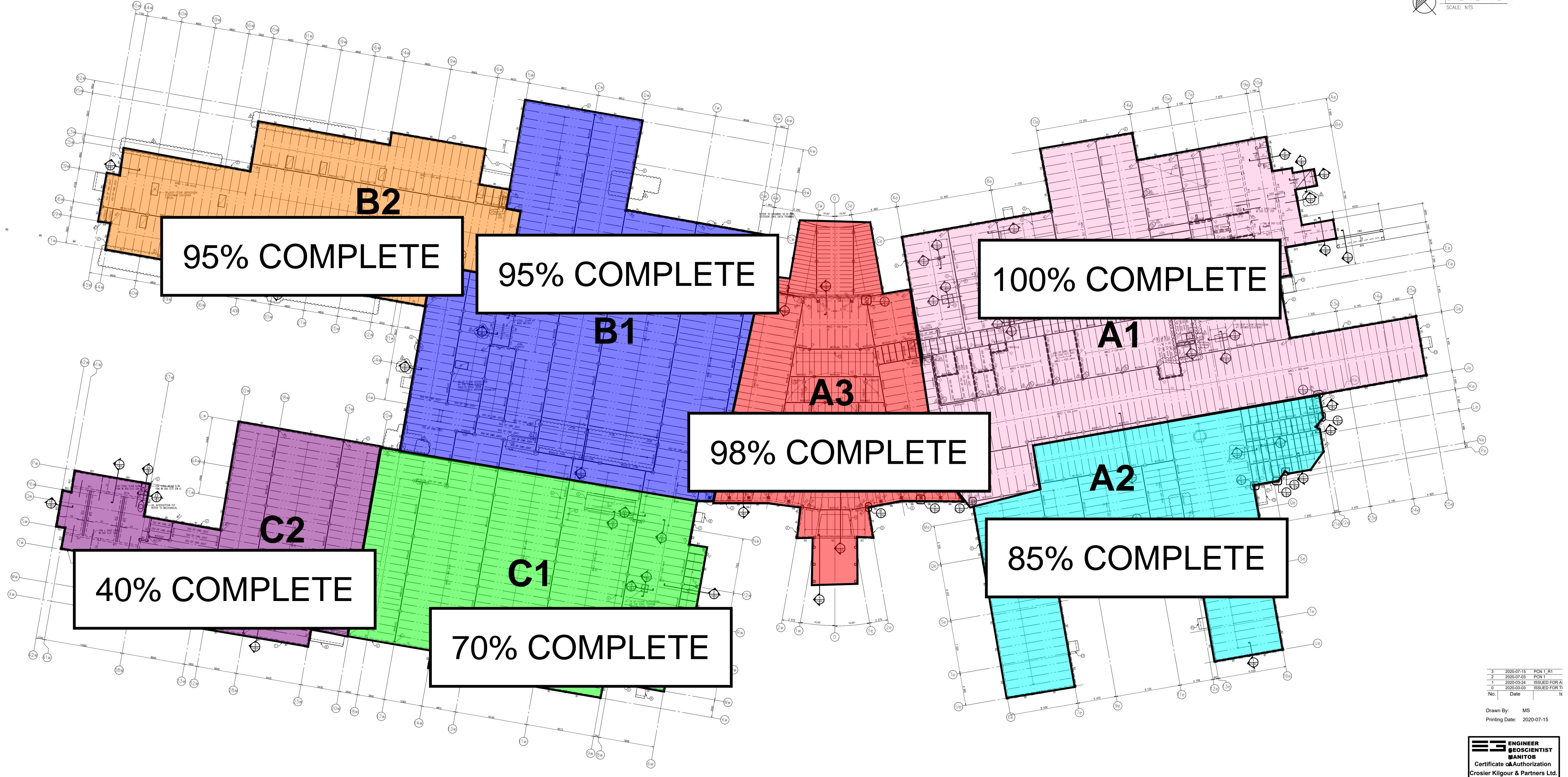




Drone shot of forming hoarding Wayne Dee Dec 12, 2020 2:00 PM



## NORWAY HOUSE HEALTH CENTRE OF EXCELLENCE WEEKLY UPDATE DECEMBER 13TH 2020

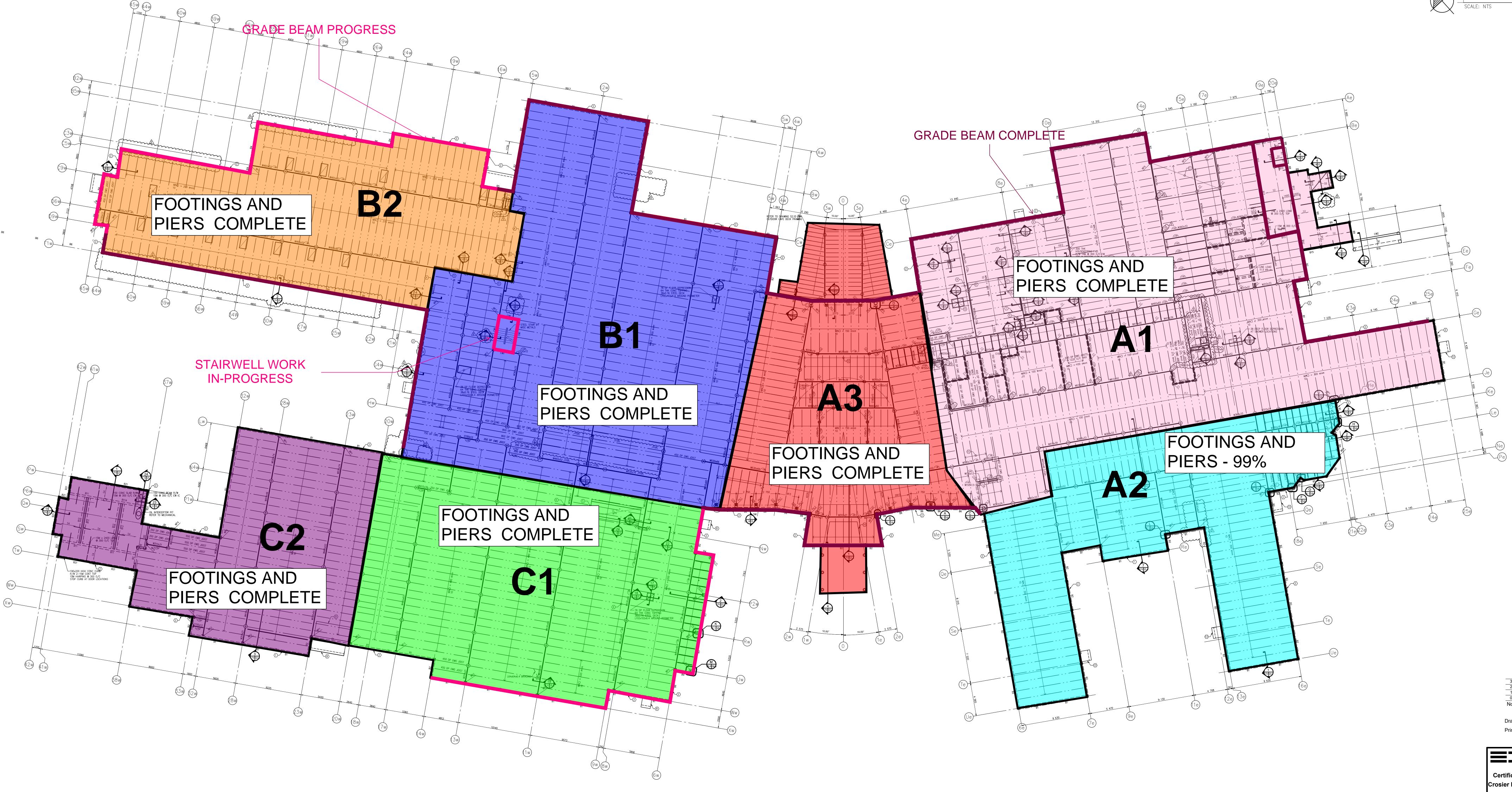


# BACKFILL ACTIVITY



No. 235

### NORWAY HOUSE HEALTH CENTRE OF EXCELLENCE WEEKLY UPDATE DECEMBER 13TH, 2020



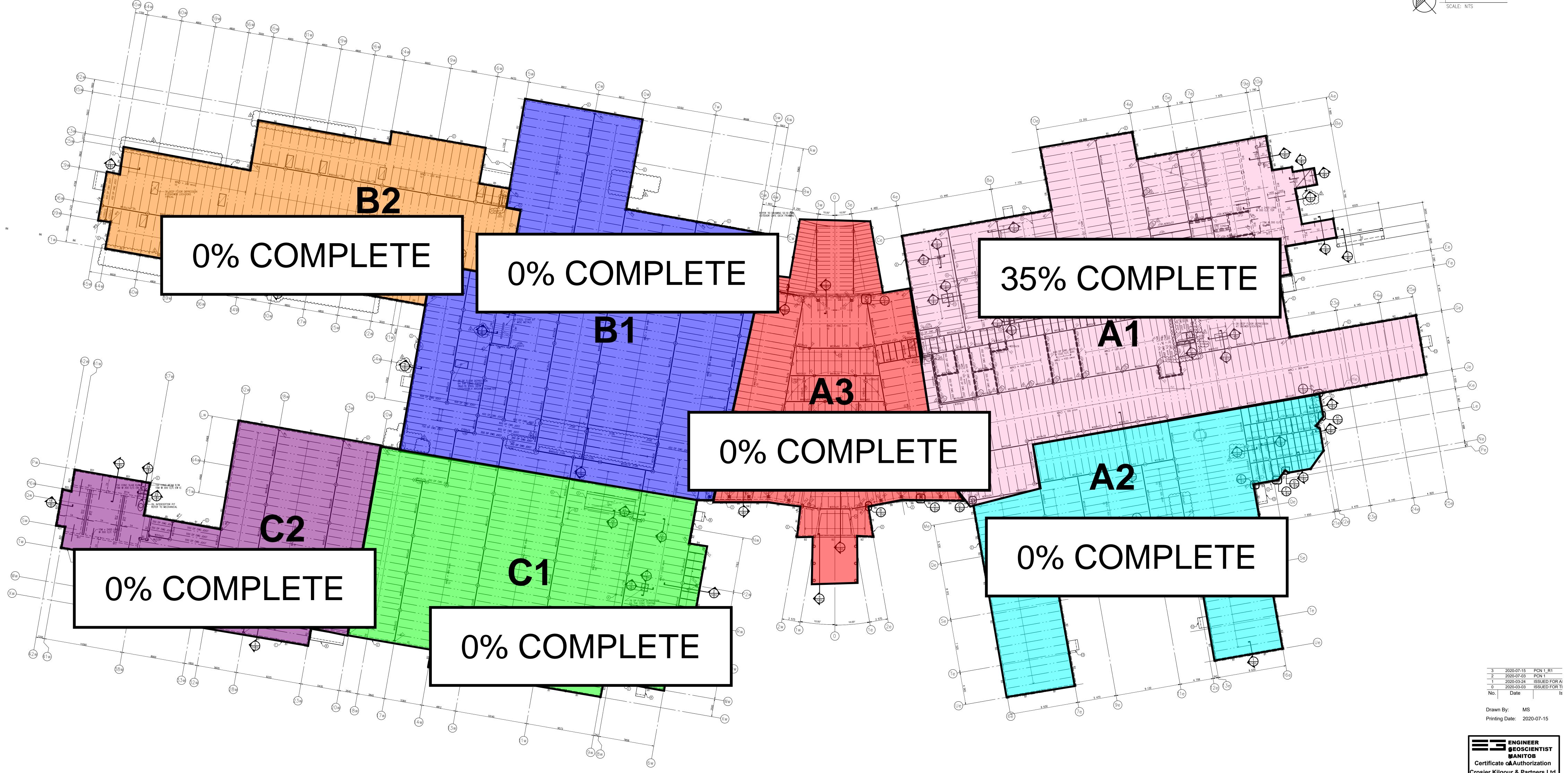
## FORMWORK & CONCRETE ACTIVITY



	3	2020-07	-15	PCN 1_R1
	2	2020-07	-03	PCN 1
	1	2020-03	-24	ISSUED FOR A
	0	2020-03	-03	ISSUED FOR TI
	No.	Date	;	ls
		_		
	Draw	n By:	MS	
F	Printi	ng Date:	2020	)-07-15

ENGINEER GEOSCIENTIST MANITOB Certificate of Authorization Crosier Kilgour & Partners Ltd. No. 235

## NORWAY HOUSE HEALTH CENTRE OF EXCELLENCE WEEKLY UPDATE DECEMBER 13TH 2020

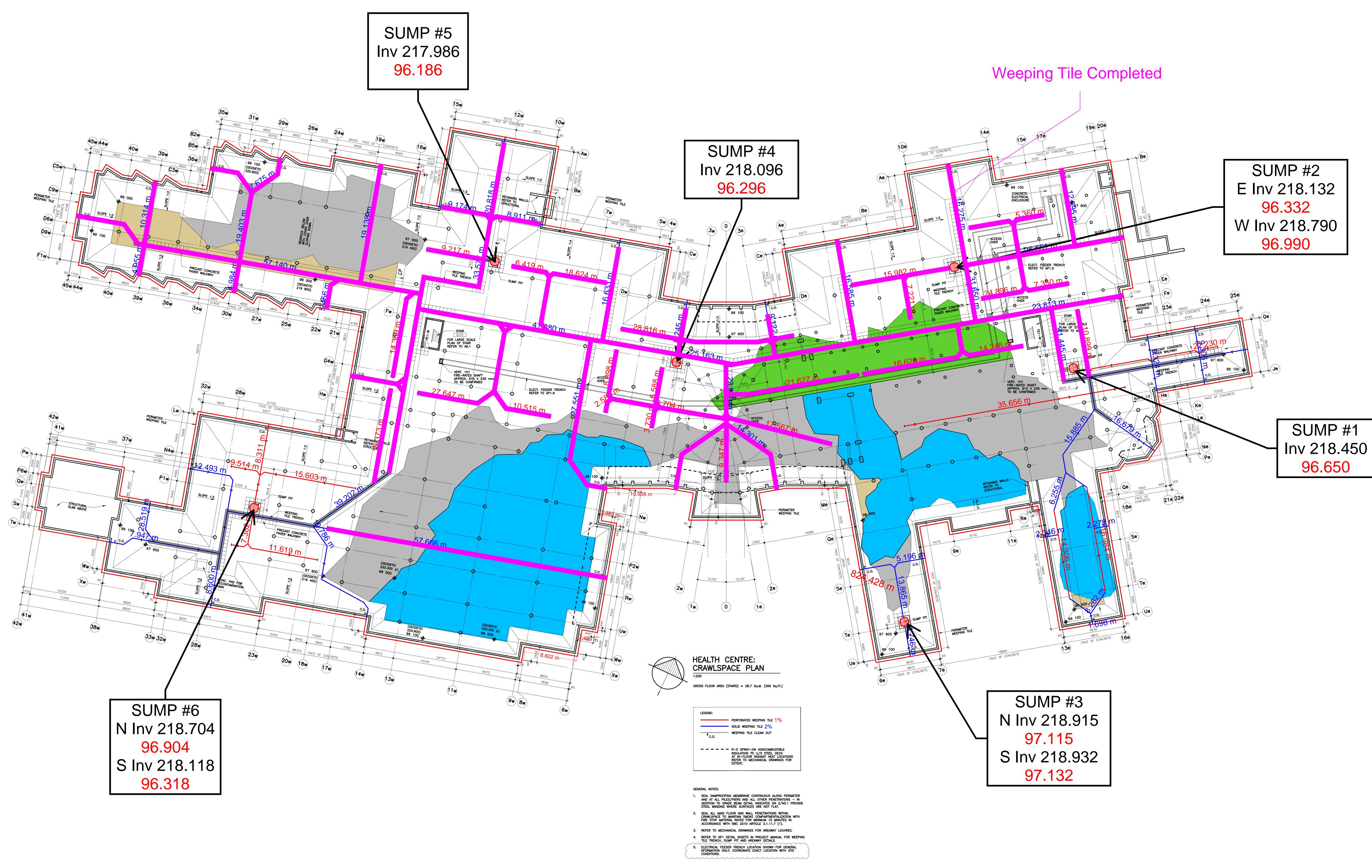


## STRUCTURAL STEEL



Drawn By:	MS										
Printing Date:	2020-07-15										
-	NITOB										
Certificate oAAu	uthorization										
Crosier Kilgour &	Crosier Kilgour & Partners Ltd.										
No. 235											





### NORWAY HOUSE HEALTH CENTRE OF EXCELLENCE WEEKLY UPDATE DECEMBER 06TH 2020

## WEEPING TILE UPDATE



### NORWAY HOUSE CREE NATION 19015D HEALTH CENTRE

### **RFI LOG**

Updated:2020-12-16Contractor:JNR ConstructionProject:NHCN CD4 Health CentreJNR Project No. :19015D

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
<u>001</u>	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	<ol> <li>Sprinkler Trade to comment</li> <li>Sprinkler trade to comment</li> <li>Coordinate with architect. LMAG: No FRR to main floor assembly</li> <li>Net uplift 0.62 kPa.</li> <li>End moments are not required</li> <li>See attached pages for information requested.</li> <li>Coordinate with architectural drawings</li> <li>LMAG: Refer to roof plan for locations. Load to be accommodated as determined by OWSJ engineer</li> <li>Sawtooth walls deleted. Refer to PCN 01.</li> </ol>	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	РМ	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. On 27-Aug-20 Response revised to include vertical reinforcing and ties .All ties 10M @ 250 o/c. (minimum 2 ties per footing) Ftg F1 12-15M Ftg F2 16-15M Ftg F3 20-15M Ftg F4 38-15M (12 long side, 7 short side)	: 28-Aug-20	Closed	



CLOSED	CANCELLED
OPEN	PENDING



### NORWAY HOUSE CREE NATION 19015D HEALTH CENTRE

### **RFI LOG**

Updated:	2020-12-16			Contractor:	Contractor: JNR Construction					
Project:	NHCN CD4 Health Centre							JNR Project No. :	19015D	
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 review the installation and provide a letter indicating that the was installed as per Hilti's recommendations. Capacity of Hilt should be equal or greater than the arc spot welds specified of documents
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 it (tagged as PP-14), dwg. M3.1A and dwg. M7.6 is to be tagged as PP-15. Pumps PP-13/PP-14 are per plumbing pump schedule MS-59. Motor schedule pump tag PP-15 Emergency Domestic Water tagged as PP-15 MDR RO High Quality Water Loop Pump. Refer to SMS SI 02.
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 colun Will clarify connection of joists at locations where glulam colu joists coincide.

RFILOG													
Updated:	2020-12-16							Contractor:	JNR Constructio	n		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	09,10,11,12,13,1 4,15 &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 REL9-16	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 \$1/\$5.4	2020-09-18	Closed	





### NORWAY HOUSE CREE NATION 19015D HEALTH CENTRE

### **RFI LOG**

Updated:	2020-12-16							Contractor:	JNR Constructio	n		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

Updated: 2020-12-16	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 JNR Construction	LM - LM Architectural Group	RFE - Request for SI - Supplemental Instruction	S - Structural O - Other	AWAITING PRICING
or:		Equal		AWAITING FILICING
		RFX - Request for		
JNR Proje 19015D	SMS - SMS Engineering Ltd.	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	240,742.00	240,742.00 2020-11-16			PRICING SUBMITTED	
002	17-Jul-2020		Iand Post-Tender Addenda - PUN NO	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		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 #		DESCRIPTION	IN RESPONSE TO	ATTACHED DOCUMENTS	DISCIPLINE(S)		CO AMOUNT	OWNER APPROVED	DATE APPROVED	STATUS	COMMENTS
		l,									

