

Weekly Report

Report # 10

Sept 23, 2020

Norway House Cree Nation

Health Centre of Excellence



Project:

CD4 – Health Centre of Excellence

Aman Chana

JNR Construction

Weekly Progress Report

Sep 23, 2020, ID #82

REPORT DETAILS

Description Weekly Progress report # 10

Created by Aman Chana

Last updated by Aman Chana

1. WORK LOG

Crew	# Workers	# Total hours	Work performed
JRN	22	1771	See below for details
Totals	22	1771	

2. CREW ONSITE

2.1 The following crews were active in this report period

- ☒ JNR
- ☐ Mechanical
- ☐ Electrical

3. ARCHITECTURAL

3.1 Ongoing Work
N/A

3.2 Completed Work

N/A

4. STRUCTURAL

4.1 Ongoing Work

Concrete Prep

- Preparing standing sono tubes and tying rebars for Piers between GL-7e-3w
 - Preparing formwork, lying rebars, cutting, chipping and drilling rock surface under footings in the area B1 and A3.
- Dewatering due to heavy rainfall.

- Preparing formwork and lying rebars in the area A3, B1 and B2 (GL 26w-5w).

- Preparing formwork and lying rebars in area A3 and B1 (GL 5w-0w)

- Cutting, chipping and drilling surfaces under footing in area A3 and B1.

- Setting up bolts templates for the Piers in area A3.

- Forming sono tubes and tying rebars in area A3.

Concrete Pours

- Pouring concrete in area A3 and B1.

- Pouring concrete in Piers in area A3.

Inspection completed by M. Block and Associates

- Inspected pad footings for drilling, voids and flattening.

39 footings in area A3 and B1 approved

Concrete tested for 27 Pours with 1st batch of concrete

Air Content - 4% and Slump - 190mm.

Inspected concrete poured into Piers and footing.

Inspecting footings for holes, voids and flattening.

4.2 Completed Work

N/A

5. MECHANICAL

5.1 Ongoing Work

N/A

5.2 Completed Work

N/A

6. ELECTRICAL

6.1 Ongoing Work

N/A

6.2 Completed Work

N/A

7. CIVIL

7.1 Ongoing Work

Surveyor

- Layout of footing corners and centers and misc. survey tasks and requests.
- Layout of pier centers and footing corners A3, B1, and B2.
- Marking pier heights and bolt layout locations
- Layout for dowels.
- Completing draft linework for layout.

- 650 Dozer pushing 4" rock on the entrance road.
- 250 Loader loading 4" at quarry.
- X3 Semis hauling 4" from quarry.
- 350 Excavator cleaning bedrock in area B1.
- 210 Excavator digging ditch.
- 30T Rock Truck hauling material from ditch.
- 210 Excavator digging ditch long the road.
- 650 Dozer and 850 Dozer pushing 4" rock on the entrance -road and electrician complex in the parking lot.
- 350 Excavator digging area A2.
- 200 Excavator digging in the parking lot area.

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.

145 Covid screening reports completed on site last week.

M Block and associates Concrete inspection rep was on site the 18,19th of September. Screening report was normal and was deemed safe to be on site.

9. SITE VISIT SCHEDULE

9.1 Next scheduled site visit

Next schedule to be determined. As Covid cases rise travel from the management team to site will be determined as needed. Consultants to determine when the next visit to site is based on milestones that need to be inspected.

NOTES

Schedule update

-Schedule is included in this weekly report along with change management logs as requested.

Progress to date

- Area A1 is 100 percent completed for both pad and pier locations
- Concrete pad and pier forming and rebar install continues on site in areas A2 ,A3 and B1.
- Area A2 has 21 pad locations completed and 2 piers poured to date
- Area A3 has 67 pad locations completed and 44 piers poured to date
- Area B1 has 31 pad location completed to date
- Next concrete pour is potentially scheduled for Friday Sept 25th have an additional 40 pad locations poured and approximately 30 pier locations.

PHOTOS (49)



Preparing temporary road for concrete pump truck.

Arshdeep Grewal

Sep 23, 2020 8:23 AM



Preparing access to A1 for backfilling.

Arshdeep Grewal

Sep 23, 2020 8:23 AM



Drilling in area A2.

Arshdeep Grewal

Sep 23, 2020 8:23 AM



Footings and Piers getting ready in area B1.

Arshdeep Grewal

Sep 23, 2020 8:23 AM



Footings and Piers getting ready in area B1.

Arshdeep Grewal

Sep 23, 2020 8:23 AM



Footings and Piers getting ready in area B2.

Arshdeep Grewal

Sep 23, 2020 8:23 AM



Bedrock elevation check in area B2.

Arshdeep Grewal

Sep 23, 2020 8:23 AM



Footing elevation in area B1.

Arshdeep Grewal

Sep 23, 2020 8:23 AM



Loading&hauling oversize rock for temporary road

Arshdeep Grewal

Sep 23, 2020 8:23 AM



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Arshdeep Grewal

Sep 22, 2020 11:54 AM



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Arshdeep Grewal

Sep 22, 2020 11:54 AM



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Arshdeep Grewal

Sep 22, 2020 11:54 AM



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Arshdeep Grewal

Sep 22, 2020 11:54 AM



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Sep 22, 2020 11:54 AM



IMG_1113

Arshdeep Grewal

Sep 21, 2020 11:22 AM



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Arshdeep Grewal

Sep 21, 2020 11:22 AM



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Arshdeep Grewal

Sep 21, 2020 11:22 AM



IMG_1114

Arshdeep Grewal

Sep 21, 2020 11:22 AM



IMG_1111

Arshdeep Grewal

Sep 21, 2020 11:22 AM



IMG_822

Arshdeep Grewal

Sep 21, 2020 11:22 AM



IMG_1110

Arshdeep Grewal

Sep 21, 2020 11:22 AM



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Arshdeep Grewal

Sep 20, 2020 10:43 AM



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Sep 20, 2020 10:43 AM



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Arshdeep Grewal

Sep 20, 2020 10:43 AM



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Arshdeep Grewal

Sep 20, 2020 9:20 AM



IMG_1048

Arshdeep Grewal

Sep 20, 2020 9:20 AM



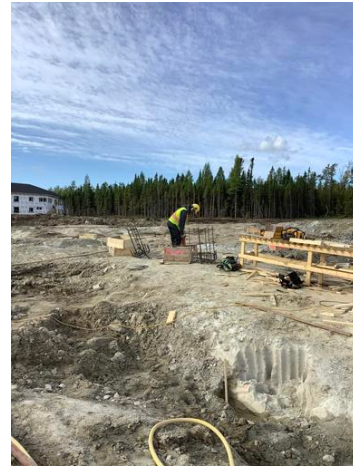
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Arshdeep Grewal

Sep 20, 2020 9:20 AM



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Arshdeep Grewal
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Sep 20, 2020 9:20 AM



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Arshdeep Grewal
Sep 20, 2020 9:20 AM



IMG_0316
Wayne Dee
Sep 18, 2020 2:18 PM



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Wayne Dee

Sep 18, 2020 2:18 PM



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Arshdeep Grewal

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Arshdeep Grewal

Sep 16, 2020 4:58 PM

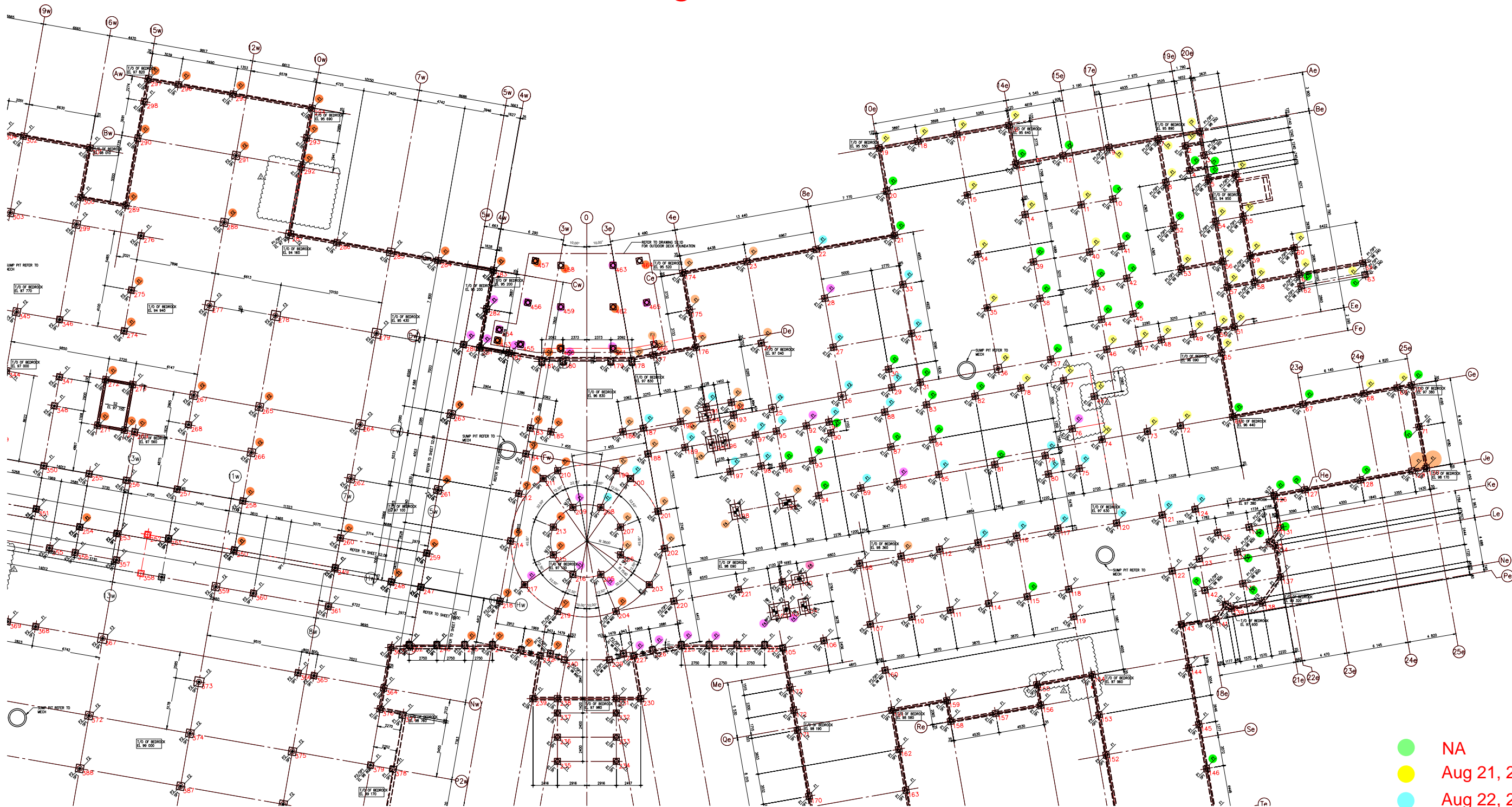


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Arshdeep Grewal

Sep 14, 2020 1:20 PM

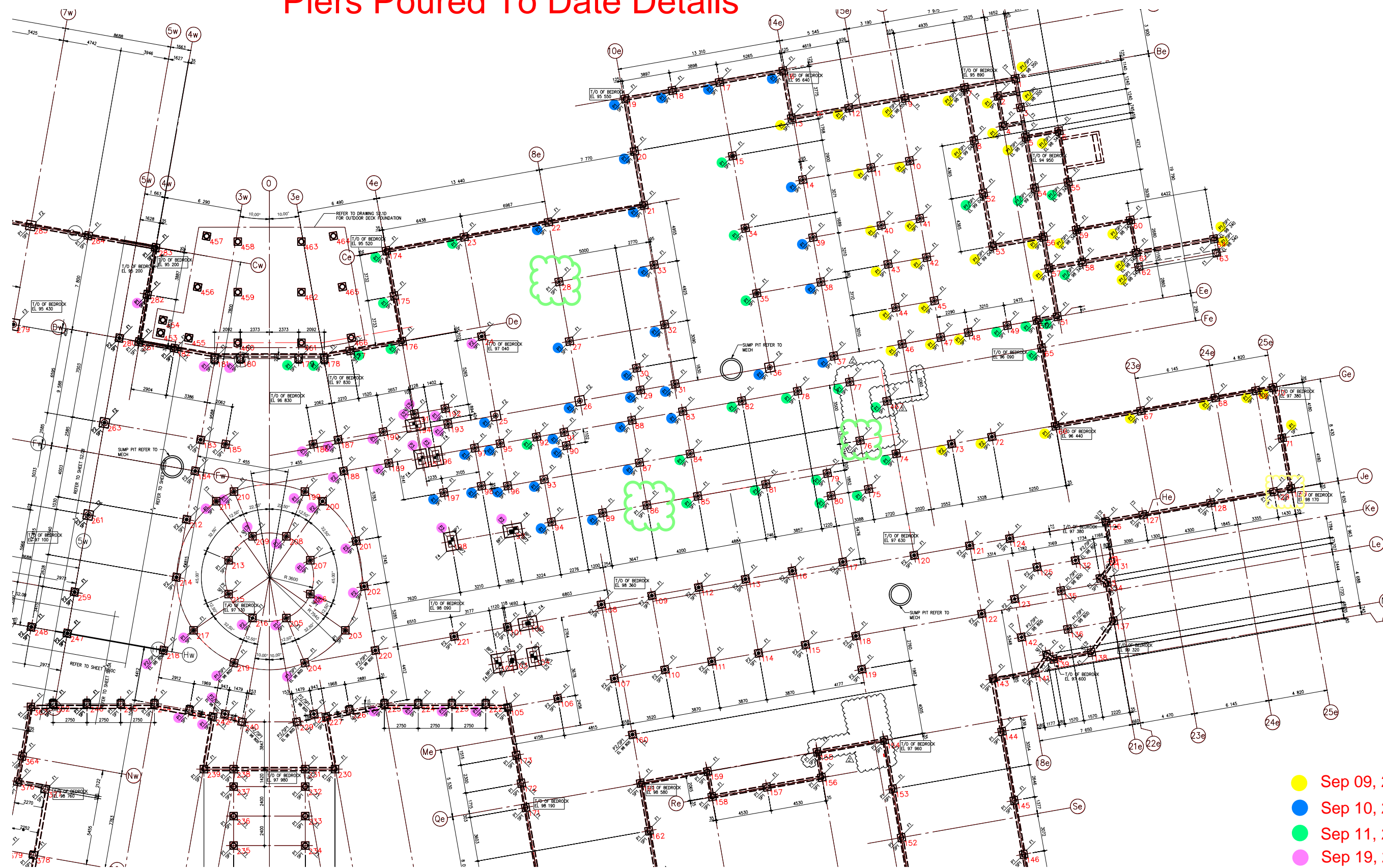
Footings Poured To Date Details



- NA
- Aug 21, 2020
- Aug 22, 2020
- Sep 10, 2020
- Sep 11, 2020
- Sep 19, 2020

Modified Footing Poured #129
#130 #86 #76 #28 #457

Piers Poured To Date Details



- Sep 09, 2020
- Sep 10, 2020
- Sep 11, 2020
- Sep 19, 2020

Modified Footing Poured
#129 #130 #86 #76 #28



SHOP SUBMITTAL AND PRODCUT DATA REGISTOR / LOG

Updated:	2020-09-23	Contractor:	NR Construction			CLOSED	CANCELLED
Project:	NHCN CD4 Health Centre	JNR Project No.	19015D			OPEN	PENDING

TL#	Spec.	Title	Description	Trade	Subtrade TL #	Date Received from Subtrade	Forwarded to	Date issued	Deadline	Date Response Received	Comments	Date sent to trade	TL Status	Owner Equipments Required	Remark
	Division 03	Concrete													
004	03 10 00	Concrete Forming and Accessories	From Release Agent (11 Sheets)	Sig	N/A	25-Jun-20	LM	25-Jun-20	05-Jul-20	11-Jul-20	Reviewed	N/A	Closed		
001	03 20 00	Concrete Reinforcing	Footing and Pier Rebar	Sig	N/A	N/A	LM	25-May-20	04-Jun-20	25-May-20	Reviewed and modified	25-May-20	Closed		
002	03 20 00	Concrete Reinforcing	Anchoring Adhesive	Sika	N/A	N/A	LM	09-Jun-20	18-Jun-20	14-Jun-20	Reviewed	N/A	Closed		
003	03 20 00	Concrete Reinforcing	Theoretical Concrete Mix Designs	CCIL	N/A	04-Nov-20	LM	09-Jun-20	18-Jun-20	26-Jun-20	Reviewed	26-Jun-20	Closed		
006	03 20 00	Beam and Wall	Beam and Wall Rebar 1017102 from 4 to 9	Sig	N/A	03-Jul-20	LM	03-Jul-20	13-Jul-20	08-Jul-20	Reviewed and modified	08-Jul-20	Closed		
	03 30 00	Cast-in-Place Concrete													
	03 35 00	Concrete Finishing													
	03 48 00	Precast Concrete Specialties													
	Division 04	Masonry													
	04 05 00	Common Work Results for Masonry													
	04 05 12	Masonry Mortar and Grout													
	04 22 00	Concrete Unit Masonry													
	04 43 00	Limestone Masonry													
	Division 05	Metals													
009	05 12 23	Structural Steel for Buildings A1	Structural Steel- Area A1 #pgs 8	Wescon	N/A	17-Aug-20	30-Aug-20	30-Aug-20	10-Sep-20	01-Sep-20	Revised and Resubmit	02-Sep-20	Closed		
009R	05 12 23	Structural Steel for Buildings A1	Structural Steel- Area A1 #pgs 8	Wescon											
	05 12 23	Structural Steel for Buildings A2													
	05 12 23	Structural Steel for Buildings A3													
	05 12 23	Structural Steel for Buildings B1													
	05 12 23	Structural Steel for Buildings B2													
	05 12 23	Structural Steel for Buildings C1													
	05 12 23	Structural Steel for Buildings C2													
007	05 12 23	Anchor Bolt Setting A1	Anchor Bolts - Area A1	Wescon	N/A	06-Jul-20	LM	06-Jul-20	16-Jul-20	09-Jul-20	JNR 1- BP elevations to be site verified , TYP. 2- Provide 40mmx5mm masonry anchors by 400 mm long with 50 mm hook at 800 o/c on all columns and beam in	12-Jul-20	Cancelled		Rejected due to missing stamped
007R	05 12 23	Anchor Bolt Setting A1	Revised Anchor Bolts - Area A1 (2 sheet)	Wescon	N/A		LM								
Email	05 12 23	Anchor Bolt Setting A2	Revised Anchor Bolts - Area A2 (3 sheet)	Wescon	N/A	08-Sep-20						16-Sep-20	Cancelled		Rejected due to missing stamped
	05 12 23	Anchor Bolt Setting A2	Revised Anchor Bolts - Area A2 (3 sheet)	Wescon											
010	05 12 23	Anchor Bolt Setting A3	Anchors and Embeds - Revised E2 & E8 drawings.	Wescon	R1		LM						Cancelled		Resubmit with stampeted
010	05 12 23	Anchor Bolt Setting A3	Anchors and Embeds - Revised E2 & E8 drawings.	Wescon	R1	01-Sep-20	LM	03-Sep-20	12-Sep-20	08-Sep-20	Elevation 99823 to corretcted to 98825	11-Sep-20	Req data		



SHOP SUBMITTAL AND PRODCUT DATA REGISTOR / LOG

Updated:		2020-09-23										Contractor: NR Construction				CLOSED	CANCELLED
Project:		NHCN CD4 Health Centre										JNR Project No. 19015D				OPEN	PENDING
Email	05-12-23-	Anchor Bolt Setting B1	Anchor Bolt plan drawings (1 Sheet)	Wescon	R1	16-Sep-20						16-Sep-20	Cancelled-		Resumit with stampeted		
	05-12-23	Anchor Bolt Setting B1	Anchor Bolt plan drawings (1 Sheet)	Wescon	R1	18-Sep-20	LM						Open				
Email	05-12-23-	Anchor Bolt Setting B2	Anchor Bolt drawings (1 Sheet)	Wescon	R1	16-Sep-20						16-Sep-20	Cancelled-		Rejected due to missing stamped-		
	05-12-23	Anchor Bolt Setting B2	Anchor Bolt drawings (1 Sheet)														
Email	05-12-23-	Anchor Bolt Setting C1	Anchor Bolt plan drawings (1 Sheet)	Wescon	R1	06-Sep-20						16-Sep-20	Cancelled-		Rejected due to missing stamped-		
	05-12-23	Anchor Bolt Setting C1	Anchor Bolt plan drawings (1 Sheet)	Wescon	R1	22-Sep-20	LM						Open				
Email	05-12-23-	Anchor Bolt Setting C2	Anchor Bolt drawings (1 Sheet)	Wescon	R1	16-Sep-20						16-Sep-20	Cancelled-		Rejected due to missing stamped-		
	05-12-23	Anchor Bolt Setting C2	Anchor Bolt drawings (1 Sheet)	Wescon	N/A												
008	05-12-23	Weld Plate and Embeds A1	Weld Plate and Embeds	Wescon	N/A	04-Aug-20	LM	12-Aug-20	22-Aug-20	18-Aug-20	HK-JNR CKP Please note that this package does not include any embed plates/angles on the exterior of the grade beams. CKP review includes corresponding steel fabrication sheets	20-Aug-20	Closed				
	05-12-23	Weld Plate and Embeds A2	Embed drawings (2 Sheets)	Wescon	N/A	08-Sep-20	LM						Open				
	05-12-23	Weld Plate and Embeds A2															
010R	05-12-23	Weld Plate and Embeds A3															
Email	05-12-23-	Weld Plate and Embeds B1	B1 Embed drawings (1Sheet)	Wescon	R1	16-Sep-20						16-Sep-20	Cancelled-		Rejected due to missing stamped-		
	05-12-23	Weld Plate and Embeds B1	B1 Embed drawings (1Sheet)	Wescon	R1	18-Sep-20	LM						Open				
	05-12-23	Weld Plate and Embeds B2	B2 Embeds drawings (2 Sheets)	Wescon	N/A	08-Sep-20	LM						Open				
Email	05-12-23-	Weld Plate and Embeds C1	C1 Embed drawings (1 Sheet)	Wescon	R1	09-Sep-20						16-Sep-20	Cancelled-		Rejected due to missing stamped-		
	05-12-23	Weld Plate and Embeds C1	C1 Embed drawings (1 Sheet)	Wescon	R1	22-Sep-20	LM						Open				
	05-12-23	Weld Plate and Embeds C2	C2 Embeds drawings (3 Sheets)	Wescon	N/A	09-Sep-20	LM						Open				
Email	05-21-00	Joist Framing Steel A1	A1 & A3 Joist Plan (#peg 341	Wescon	N/A	19-Aug-20	LM	30-Aug-20	10-Sep-20	02-Sep-20	Reviewed	02-Sep-20	Closed				
	05-21-00	Joist Framing Steel A2	Joist drawings (2 sheets)	Wescon	N/A	18-Sep-20	LM						Open				
Email	05-21-00	Joist Framing Steel A3	A1 & A3 Joist Plan (#peg 341	Wescon	N/A	19-Aug-20	LM	30-Aug-20	10-Sep-20	02-Sep-20	Reviewed	02-Sep-20	Closed				
	05-21-00	Joist Framing Steel B1	Revised B1 Joist Framing Plan	Wescon	R1	09-Sep-20	LM						Open				
	05-21-00	Joist Framing Steel B2	Joist drawings (2 sheets)	Wescon	N/A	18-Sep-20	LM						Open				
	05-21-00	Joist Framing Steel C1															
	05-21-00	Joist Framing Steel C2	Joist drawings (2 sheets)	Wescon	N/A	18-Sep-20	LM						Open				
011	05-31-00	Steel Decking A1	Steel Deck Framing Plan drawing (3 sheet)	Wescon	R1	16-Sep-20	LM	16-Sep-20	26-Sep-20	21-Sep-20	All load requirements for RTU's are to be coordinated with Mechanical equipment. Coordinate placement of all equipment with appropriate trades. Refer toarchitectural details for EOD conditions, hatch details/locations, etc. GC to coordinate dimensions CKP review includes corresponding steel fabrication sheets u/s base plate el 104600 (block course) CKP: this is structurally acceptable	21-Sep-20	Pending		LM Comments to be reviewed by GC		
011	05-31-00	Steel Decking A3	Steel Deck Framing Plan drawing (2 sheet)	Wescon	R1	16-Sep-20	LM	16-Sep-20	26-Sep-20	21-Sep-20		21-Sep-20	Pending		LM Comments to be reviewed by GC		



SHOP SUBMITTAL AND PRODCUT DATA REGISTOR / LOG

Updated:	2020-09-23	Contractor:	NR Construction			CLOSED	CANCELLED
Project:	NHCN CD4 Health Centre	JNR Project No.	19015D			OPEN	PENDING

	05 31 00	Steel Decking A2	Steel Deck Framing Plan drawing (2 sheet)	Wescon	R1	18-Sep-20	LM						Open		
	05 31 00	Steel Decking B1	Steel Deck Framing Plan drawing (2 sheet)	Wescon	N/A	09-Sep-20	LM						Open		
	05 31 00	Steel Decking B2	Steel Deck Framing Plan drawing (2 sheet)	Wescon	R1	18-Sep-20	LM						Open		
	05 31 00	Steel Decking C1													



NORWAY HOUSE CREE NATION
19015D HEALTH CENTRE



RFI LOG

Updated:	2020-09-23	Contractor:	JNR Construction		CLOSED	CANCELLED
Project:	NHCN CD4 Health Centre	JNR Project No. :	19015D		OPEN	PENDING

RFI #	Request for Information Title	From	Subtrade RFI #	Date Received from Subtrade	Extra work	Priority	Date issued	Forwarded to	Date Forwarded to Consultant	Deadline	JNR Question:/	Date Response Received	SI, PCN, Memo	Date sent to trade	RFI Status	Comments
001	Pilaster Footing Refer to drawing S2.0A and note that no footing is specified for the pilaster located on GL 22e and between Ke and Le. Please specify a footing, if required.	PM	N/A	12-Jun-20	No	No	12-Jun-20	CFG	12-Jun-20	22-Jun-20	N/A	15-Jun-20	At location described above use a P1or SP1 pier and a F1 footing.	N/A	Closed	
002	Footing Dowels Refer to footing schedule on drawing S0.2 (attached) and advise if footing to bedrock dowel sizes can be revised to 30M. If 30M dowels are acceptable, please advise if the # of dowels are to be reduced. Urgent response required please.	PM	N/A	12-Jun-20	No	No	12-Jun-20	CFG	12-Jun-20	22-Jun-20	N/A	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 Requested for information related street structural , Anchor Bolt /Base Plate layout .S0.2, S2.0A,S2.2A	Wescan	001	17-Jun-20	No	No	17-Jun-20	LM,CKP	17-Jun-20	24-Jun-20	N/A	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 spoke with Pat Gmiterek (204-778-0129) from Manitoba Hydro yesterday. Pat indicated that there is no service agreement in place at this time for the Health Center project. Unfortunately that means that they have not done any engineering on there end. Due to this Wescan can not get the available fault current information until this is complete. This will affect the project negatively as any cost saving associated with equipment ratings will not be able to be realized due to Wescan can not complete a SCCAF study to determine the minimum short circuit ratings before shop drawing release for distribution equipment. Refer to your unsolicited alternate DW15.	Wescan	N/A	25-Jun-20	Yes	Yes	26-Jun-20	SMS	17-Jun-20	03-Jul-20	N/A	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 1.) Are there any sprinkler pipes bigger than 4" diameter on this project? 2.) Canam considers that sprinkler pipes of 4" and less are included in the dead loads. Is there a ESFR or CMSA fire suppression system in this building?" 3.) Please confirm that no additional requirements need to be incorporated into Main floor joist design due to Fire Resistance Rating/ULC? 4.) Please confirm that net factored wind uplift load of 0.58 Kpa is adequate for the OWSJ design? 5.) Refer to Joist section on S0.1, note 10. Please confirm that end moments at strut joists are not required as nothing is indicated on the drawings? 6.) Brace loads are not indicated in sections on drawings S5.1 to S5.9. Please provide brace loads where they need to be considered in the joist design? 7.) Please confirm there is no additional load to consider in the OWSJ design for the roof traffic pads. If there is, please provide load? 8.) Due to the degree of skew, achieving acceptable bearing is not possible. Canam suggest shifting the joist. See markup attached. Please confirm/markup?	Wescan	002	07-Jun-20	No	No	03-Jul-20	LM,CKP	03-Jul-20	09-Jul-20	N/A	03-Jul-20	1- Sprinkler Trade to comment 2- Sprinkler trade to comment 3- Coordinate with architect. LMAG: No FRR to main floor assembly 4- Net uplift 0.62 kPa. 5- End moments are not required 6- See attached pages for information requested. 7- Coordinate with architectural drawings LMAG: Refer to roof plan for locations. Load to be accommodated as determined by OWSJ engineer 8- Sawtooth walls deleted. Refer to PCN 01.	08-Jul-20	Closed	
006	Masonry Connection 1- Please advise steel beam/masonry connection type and provide a detail. 2-See marked up drawing #S2.2A for typical locations .	Wescan	003	08-Jul-20	No	Yes	08-Jul-20	LM,CKP	08-Jul-20	10-Jul-20	N/A	22-Jul-20	CKP (CFG) 2020-07-22 Refer to attached drawing RS 08 for information requested.	23-Jul-20	Closed	
007	Footing Detail Due to the site conditions JNR may require to pour some of the pad footings with a thickness more than the specified. Please provide a detail for where the thickness of a footing will need to exceed the specified thickness.	PM	N/A	17-Jul-20	No	Yes	17-Jul-20	LM,CKP	17-Jul-20	27-Jul-20	N/A	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	



NORWAY HOUSE CREE NATION
19015D HEALTH CENTRE



RFI LOG

Updated: 2020-09-23		Contractor: JNR Construction												CLOSED	CANCELLED	
Project: NHCN CD4 Health Centre		JNR Project No. : 19015D												OPEN	PENDING	
008	Metal Deck Connection 1- Refer to structural drawing S0.1 . Note #04 for Metal decks states "Deck shall be arc spot welded to bearing supports....." 2 - Please advise if it would be acceptable to use Hilti powder actuated tools as opposed to arc spot welding to bearing supports.	PM	N/A	29-Jul-20	No	No	29-Jul-20	LM,CKP	29-Jul-20	12-Aug-20	N/A	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 1.In respect to the RO system:Blue prints tag the pump needed as PP-1 3.Spec Book tags the pump needed as PP-14 .The Equipment Schedule specs both PP-13 & PP-14 as Sump Pumps. Please Identify The High Quality Water Loop Pump and add it to the Equipment Schedule. 2.The Motor Schedule identifies an Emergency Domestic Water Pump PP-15 located in Crawlspace. The Mech. Equipment Schedule has no mention of this pump or anywhere on the Blue Prints. Please clarify.	Wescan	005	05-Aug-20	No	Yes	05-Aug-20	LM,CKP	05-Aug-20	12-Aug-20	N/A	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 1- Refer to structural drawing S5.1 (attached), section 2. 2- Advise if any additional load is applied to the joists by the glulam columns.	Canam	006	07-Aug-20	No	No	07-Aug-20	LM,CKP	10-Aug-20	15-Aug-20	N/A	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 Please refer to the attached structural drawing S2.2A and note that the dimension between two columns on gridline 19E is not provided. -Architectural drawing A2.1A shows a 3000 mm wide window in this location. However there is no window jamb at column location detail provided for this location. Please provide an architectural detail for window jamb at column locations and advise the required clear distance between the steel columns in this location	Wescon	N/A	N/A	No	No	11-Sep-20	LM.CKP	11-Sep-20	09-Sep-20	N/A	14-Sep-20	Refer to attached AR.004 for column placement.	2020-09-14	Closed	
012	Snow Drift Please refer to the attached drawing S2.2A and advise if there is snow drift in around Cultural Hall?	Wescan	18	01-Sep-20	No	Yes	01-Sep-20	LM,CKP	01-Sep-20	04-Sep-20	N/A	01-Sep-20	Refer to attached drawing S2.2D for information requested.	02-Sep-20	Closed	
013	Miscellaneous Architectural Clarifications Miscellaneous Architectural Clarifications from Wescan . The questions arise due to the interference drawings that are being completed. Wescan RFI 09,11,12,13,14,15 & 16	Wescan	09,11,12,13,14,15 & 16	24-Aug-20	No	Yes	02-Sep-20	LM	02-Sep-20	31-Aug-20	02-Sep-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 As per drawing S0.2, pier P3 is to have 10-20M vertical reinforcement. Footing schedule specifies that F4 footing is to have 5-15M dowels into the pier above. Please advise if in case of P3/F4 the number of dowels from the F4 footing are to match the P3 pier.	PM	N/A	02-Sep-20	No	Yes	02-Sep-20	LM,CKP	02-Sep-20	05-Sep-20	N/A	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 -As per drawing S0.2, some HSS columns are scheduled to receive BP11. BP11 is 300x300mm. -Some of the BP11 plates are designed to be installed on P1 piers. P1 piers are 400 mm in diameter. See attached drawing for example Location -It is not possible to install a BP11 plate on a P1 pier as the anchor bolts of the plate will fall on the outside of the pier ring. Also the corners of the baseplates will have no bearing on the pier.	Wescan	N//A	09-Sep-20	No	No	9-Sep-20	LM,CKP	9-Sep-20	14-Sep-20	N/A	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 1-Please refer to the attached drawing S2.2A. The elevation of U/S of the curved glulam beam is specified as 103925. Section 1 on S5.4 indicates the elevation to be 103900. Please advise the correct elevation. 2-Drawing S2.2A specifies the same beam to be 418 mm deep while section 1 on S5.4 shows the beam to be 532 mm deep. Please advise the correct size.	Wescan	N/A	16-Sep-20	No	No	18-Sep-20	LM,CKP	18-Sep-20	26-Sep-20	N/A	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:	2020-09-23	Contractor:	JNR Construction		CLOSED	CANCELLED
Project:	NHCN CD4 Health Centre	JNR Project No. :	19015D		OPEN	PENDING

[illegible]

19015D-CD4-NHCN-PROJECT SCHEDULE

ID	Task Mode	Task Name	Rounded Duration	Start	Finish	% Complete
1		Norway House - Health Center of Excellence	646day	Fri 5/1/20	Thu 3/31/22	4%
2		NHHCOE - Project Start	0day	Fri 5/1/20	Fri 5/1/20	0%
3		Shop Drawings "Reviewed & Approved"	333day	Fri 5/1/20	Mon 4/26/21	5%
4		Building Excavation/Blasting for 9418 M2	64day	Sun 5/24/20	Thu 9/10/20	95%
5		Heating and Hoarding	154day	Mon 11/2/20	Sat 4/17/21	0%
6		Phase - A1	235day	Wed 7/22/20	Sat 4/3/21	12%
7		Concrete Foundation and Grade Beam	86day	Wed 7/22/20	Fri 10/23/20	63%
8		Prepare Bedrock at all locations for inspections	16day	Wed 7/22/20	Fri 8/14/20	100%
9		Footing (101)	65day	Mon 7/27/20	Tue 10/6/20	100%
10		Footing/Foundation Inspection	11day	Mon 7/27/20	Sat 8/15/20	100%
11		Footing Forming	11day	Tue 8/4/20	Tue 10/6/20	100%
12		Footing Tying	6day	Sun 8/9/20	Fri 8/21/20	100%
13		Footing Inspection (CKP)	3day	Tue 8/11/20	Sat 8/22/20	100%
14		Footing Pouring	3day	Fri 8/14/20	Mon 9/7/20	100%
15		Foundation Curing	6day	Mon 8/17/20	Sat 9/12/20	100%
16		Pier	19day	Wed 9/9/20	Wed 9/30/20	68%
17		Piers Forming	4day	Wed 9/9/20	Mon 9/14/20	100%
18		Piers Tying	6day	Fri 9/11/20	Thu 9/17/20	100%
19		Piers rebar Inspection	4day	Mon 9/14/20	Fri 9/18/20	100%
20		Piers Pouring	4day	Wed 9/16/20	Sun 9/20/20	100%
21		Piers Curing	4day	Thu 9/17/20	Thu 9/24/20	100%
22		Strip Foundations/Piers	6day	Sun 9/20/20	Sat 9/26/20	20%
23		Backfill / Slope & Finish Crawl Space	6day	Wed 9/23/20	Wed 9/30/20	0%
24		Grade Beam	24day	Sat 9/26/20	Fri 10/23/20	0%
25		Grade beams Forming	6day	Sat 9/26/20	Sat 10/3/20	0%
26		Grade beams tying	4day	Wed 9/30/20	Sun 10/4/20	0%
27		Grade beams rebar Inspection	2day	Sun 10/4/20	Tue 10/6/20	0%
28		Grade beams concrete pouring	5day	Wed 10/7/20	Thu 10/15/20	0%
29		Grade beams Curing	6day	Thu 10/8/20	Sat 10/17/20	0%
30		Grade beams stripping	7day	Sun 10/11/20	Tue 10/20/20	0%
31		Backfill	6day	Fri 10/16/20	Fri 10/23/20	0%
32		Structural Activities	63day	Thu 10/22/20	Tue 12/29/20	0%
33		Structural Masonry @ Ext. Walls (Supporting OWSJ), Including Stair Shafts (NON-HOARDED)	20day	Tue 10/27/20	Mon 11/30/20	0%
34		Structural Steel & OWSJ	16day	Thu 10/22/20	Sun 11/8/20	0%
35		Q-St. Deck (Floor/Roof)	5day	Wed 11/4/20	Mon 11/9/20	0%
36		M/E Fl/Rf Penetrations	6day	Thu 11/5/20	Wed 11/11/20	0%
37		Concrete on Steel Deck (HOARDED)	5day	Wed 11/11/20	Tue 11/17/20	0%
38		Steel Stud Framing	8day	Mon 11/23/20	Wed 12/2/20	0%
39		A1 Structural Work completion	0day	Tue 12/29/20	Tue 12/29/20	0%
40		Architectural Activities	34day	Sun 11/29/20	Tue 1/5/21	0%
41		Masonry @ Ext. Walls (Top of Concrete Deck) & Masonry Veneer (HOARDED)	11day	Sun 11/29/20	Fri 12/11/20	0%
42		Interior Steel Studs	14day	Wed 12/2/20	Thu 12/17/20	0%
43		Exterior Sheathing and insulation	14day	Sun 12/6/20	Tue 12/22/20	0%
44		Siding Assembly	7day	Thu 12/17/20	Fri 12/25/20	0%
45		Int. Masonry Walls (NON HOARDED)	8day	Thu 12/17/20	Sat 12/26/20	0%
46		M& E Rough-Ins	7day	Tue 12/22/20	Tue 12/29/20	0%
47		Membrane Roofing	5day	Fri 12/11/20	Wed 12/16/20	0%
48		Sheet Metal Flashing and Trim	5day	Fri 12/25/20	Wed 12/30/20	0%
49		Roof Hatches	5day	Fri 12/25/20	Wed 12/30/20	0%
50		Firestopping and Smoke seals	4day	Fri 12/25/20	Tue 12/29/20	0%
51		Gypsum Board	14day	Mon 12/21/20	Tue 1/5/21	0%
52		Finishing Activities	25day	Sat 1/2/21	Fri 1/29/21	0%
53		Paint	14day	Sat 1/2/21	Sun 1/17/21	0%
54		Ceilings	14day	Sat 1/9/21	Sun 1/24/21	0%
55		Flooring	13day	Sun 1/3/21	Sun 1/17/21	0%
56		Tiling	10day	Wed 1/6/21	Sun 1/17/21	0%
57		Millwork	8day	Fri 1/8/21	Sun 1/17/21	0%
58		Joint Sealants	4day	Sun 1/17/21	Thu 1/21/21	0%
59		Aluminum Windows, Glazing surface Films ,Louverd Glazing	15day	Sat 1/2/21	Mon 1/18/21	0%
60		Doors and Hardware , Automatic Door Operators and Glazing	25day	Sat 1/2/21	Fri 1/29/21	0%
61		Specialties	13day	Sun 1/10/21	Sun 1/24/21	0%
62		Equipment (Comm. Kitchen & Loading Deck.)	14day	Sat 1/9/21	Sun 1/24/21	0%
63		Mechanical and Electrical Activities	77day	Sat 1/9/21	Sat 4/3/21	0%
64		Electrical work	43day	Sun 1/17/21	Thu 3/4/21	0%
65		Communications	35day	Fri 2/12/21	Mon 3/22/21	0%
66		Integrated Automation	33day	Fri 2/19/21	Sat 3/27/21	0%



19015D-CD4-NHCN-PROJECT SCHEDULE

Mon 9/21/20

19015D-CD4-NHCN-PROJECT SCHEDULE

ID	Task Mode	Task Name	Rounded Duration	Start	Finish	% Complete	Qtr 2, 2020 AprMayJun	Qtr 3, 2020 JulAugSep	Qtr 4, 2020 OctNovDec	Qtr 1, 2021 JanFebMar	Qtr 2, 2021 AprMayJun	Qtr 3, 2021 JulAugSep	Qtr 4, 2021 OctNovDec	Qtr 1, 2022 JanFebMar	Qtr 2, 2022 AprMayJun	Qtr 3, 2022 JulAug
134		Fire Suppression	30day	Sat 2/20/21	Wed 3/24/21	0%										
135		Plumbing	20day	Wed 1/27/21	Wed 2/17/21	0%										
136		Heating, Ventilating and Air Conditioning (HVAC)	33day	Tue 2/9/21	Tue 3/16/21	0%										
137		Phase - B1	172day	Wed 11/25/20	Sun 5/30/21	2%										
138		Concrete Foundation and Grade Beam	48day	Wed 11/25/20	Sat 1/16/21	14%										
139		Prepare Bedrock at all locations for inspections	4day	Wed 11/25/20	Sun 11/29/20	0%										
140		Footing (72)	21day	Sat 11/28/20	Sun 12/20/20	49%										
141		Footing/Foundation Inspection	4day	Sat 11/28/20	Wed 12/2/20	57%										
142		Footing Forming	4day	Mon 11/30/20	Sat 12/5/20	57%										
143		Footing Tying	3day	Tue 12/1/20	Sat 12/5/20	57%										
144		Footing Inspection (CKP)	2day	Thu 12/3/20	Sun 12/6/20	43%										
145		Footing Pouring	6day	Mon 12/7/20	Sat 12/19/20	43%										
146		Foundation Curing	5day	Tue 12/8/20	Sun 12/20/20	43%										
147		Pier	18day	Thu 12/10/20	Tue 12/29/20	0%										
148		Piers Forming	4day	Thu 12/10/20	Tue 12/15/20	0%										
149		Piers Tying	4day	Sat 12/12/20	Wed 12/16/20	0%										
150		Piers rebar Inspection	2day	Mon 12/14/20	Wed 12/16/20	0%										
151		Piers Pouring	4day	Tue 12/15/20	Sun 12/20/20	0%										
152		Piers Curing	4day	Wed 12/16/20	Mon 12/21/20	0%										
153		Strip Foundations/Piers	6day	Sun 12/20/20	Sat 12/26/20	0%										
154		Backfill / Slope & Finish Crawl Space	6day	Wed 12/23/20	Tue 12/29/20	0%										
155		Grade Beam	19day	Sat 12/26/20	Sat 1/16/21	0%										
156		Grade beams Forming	6day	Sat 12/26/20	Sat 1/2/21	0%										
157		Grade beams tying	5day	Tue 12/29/20	Mon 1/4/21	0%										
158		Grade beams rebar Inspection	2day	Sat 1/2/21	Mon 1/4/21	0%										
159		Grade beams concrete pouring	3day	Sun 1/3/21	Wed 1/6/21	0%										
160		Grade beams Curing	3day	Mon 1/4/21	Thu 1/7/21	0%										
161		Grade beams stripping	5day	Thu 1/7/21	Wed 1/13/21	0%										
162		Backfill	3day	Wed 1/13/21	Sat 1/16/21	0%										
163		Structural Activities	26day	Fri 1/8/21	Fri 2/5/21	0%										
164		Structural Steel & OWSJ	16day	Fri 1/8/21	Tue 1/26/21	0%										
165		Glulam & Wood-Deck Install	12day	Wed 1/13/21	Tue 1/26/21	0%										
166		Q-St. Deck (Floor/Roof)	5day	Thu 1/21/21	Wed 1/27/21	0%										
167		M/E FI/Rf Penetrations	6day	Wed 1/20/21	Wed 1/27/21	0%										
168		Concrete on Steel Deck (HOARDED)	5day	Wed 1/27/21	Mon 2/1/21	0%										
169		Steel Stud Framing	7day	Tue 1/26/21	Tue 2/2/21	0%										
170		A1 Structural Work completion	0day	Fri 2/5/21	Fri 2/5/21	0%										
171		Architecture Activities	33day	Fri 1/29/21	Sat 3/6/21	0%										
172		Masonry @ Ext. Walls (Top of Concrete Deck) & Masonry Veneer (HOARDED)	6day	Sat 1/30/21	Fri 2/5/21	0%										
173		Interior Steel Studs	14day	Tue 2/2/21	Wed 2/17/21	0%										
174		Exterior Sheathing and insulation	14day	Fri 1/29/21	Sat 2/13/21	0%										
175		Siding Assembly	7day	Wed 2/17/21	Thu 2/25/21	0%										
176		Int. Masonry Walls (NON HOARDED)	8day	Wed 2/17/21	Fri 2/26/21	0%										
177		M&E Rough-Ins	7day	Mon 2/22/21	Mon 3/1/21	0%										
178		Membrane Roofing	4day	Mon 2/1/21	Fri 2/5/21	0%										
179		Sheet Metal Flashing and Trim	4day	Thu 2/25/21	Mon 3/1/21	0%										
180		Roof Hatches	4day	Thu 2/25/21	Mon 3/1/21	0%										
181		Firestopping and Smoke seals	4day	Thu 2/25/21	Mon 3/1/21	0%										
182		Gypsum Board	12day	Sun 2/21/21	Sat 3/6/21	0%										
183		Finishing Activities	40day	Tue 3/2/21	Thu 4/15/21	0%										
184		Paint	14day	Tue 3/2/21	Wed 3/17/21	0%										
185		Ceilings	14day	Wed 3/10/21	Thu 3/25/21	0%										
186		Flooring	13day	Wed 3/3/21	Wed 3/17/21	0%										
187		Tiling	7day	Wed 3/10/21	Wed 3/17/21	0%										
188		Millwork	8day	Tue 3/9/21	Wed 3/17/21	0%										
189		Joint Sealants	4day	Thu 3/18/21	Mon 3/22/21	0%										
190		Aluminum Windows, Glazing surface Films ,Louverd Glazing	24day	Mon 3/8/21	Sat 4/3/21	0%										
191		Doors and Hardware , Automatic Door Operators and Glazing	35day	Mon 3/8/21	Thu 4/15/21	0%										
192		Specialties	15day	Mon 3/8/21	Wed 3/24/21	0%										
193		Equipment (Comm. Kitchen & Loading Deck.)	14day	Mon 3/8/21	Tue 3/23/21	0%										
194		Mechanical and Electrical Activities	68day	Thu 3/18/21	Sun 5/30/21	0%										
195		Electrical work	40day	Thu 3/18/21	Fri 4/30/21	0%										
196		Communications	33day	Tue 4/13/21	Tue 5/18/21	0%										
197		Integrated Automation	31day	Tue 4/20/21	Mon 5/24/21	0%										
198		Electronic Safety and Security	30day	Wed 4/28/21	Sun 5/30/21	0%										
199		Fire Suppression	31day	Thu 4/8/21	Wed 5/12/21	0%										
200		Plumbing	23day	Sat 3/20/21	Wed 4/14/21	0%										

19015D-CD4-NHCN-PROJECT SCHEDULE

ID	Task Mode	Task Name	Rounded Duration	Start	Finish	% Complete	Qtr 2, 2020 AprMayJun	Qtr 3, 2020 JulAugSep	Qtr 4, 2020 OctNovDec	Qtr 1, 2021 JanFebMar	Qtr 2, 2021 AprMayJun	Qtr 3, 2021 JulAugSep	Qtr 4, 2021 OctNovDec	Qtr 1, 2022 JanFebMar	Qtr 2, 2022 AprMayJun	Qtr 3, 2022 JulAug
201		Heating, Ventilating and Air Conditioning (HVAC)	44day	Sat 3/20/21	Thu 5/6/21	0%										
202		Phase - C1	171day	Wed 1/6/21	Sat 7/10/21	0%										
203		Concrete Foundation and Grade Beam	49day	Wed 1/6/21	Sun 2/28/21	0%										
204		Prepare Bedrock at all locations for inspections	4day	Wed 1/6/21	Sun 1/10/21	0%										
205		Footing (47)	20day	Sat 1/9/21	Sun 1/31/21	0%										
206		Footing/Foundation Inspection	3day	Sat 1/9/21	Wed 1/13/21	0%										
207		Footing Forming	4day	Mon 1/11/21	Sun 1/17/21	0%										
208		Footing Tying	3day	Thu 1/14/21	Sun 1/17/21	0%										
209		Footing Inspection (CKP)	2day	Sat 1/16/21	Mon 1/18/21	0%										
210		Footing Pouring	4day	Sun 1/17/21	Fri 1/29/21	0%										
211		Foundation Curing	6day	Mon 1/18/21	Sun 1/31/21	0%										
212		Pier	20day	Wed 1/20/21	Thu 2/11/21	0%										
213		Piers Forming	7day	Wed 1/20/21	Mon 2/1/21	0%										
214		Piers Tying	5day	Fri 1/22/21	Thu 2/4/21	0%										
215		Piers rebar Inspection	4day	Sun 1/24/21	Thu 2/4/21	0%										
216		Piers Pouring	5day	Tue 1/26/21	Sun 2/7/21	0%										
217		Piers Curing	4day	Wed 1/27/21	Sat 2/6/21	0%										
218		Strip Foundations/Piers	6day	Sat 1/30/21	Fri 2/5/21	0%										
219		Backfill / Slope & Finish Crawl Space	7day	Tue 2/2/21	Thu 2/11/21	0%										
220		Grade Beam	21day	Fri 2/5/21	Sun 2/28/21	0%										
221		Grade beams Forming	6day	Fri 2/5/21	Fri 2/12/21	0%										
222		Grade beams tying	4day	Tue 2/9/21	Sat 2/13/21	0%										
223		Grade beams rebar Inspection	2day	Fri 2/12/21	Sun 2/14/21	0%										
224		Grade beams concrete pouring	3day	Sat 2/13/21	Thu 2/18/21	0%										
225		Grade beams Curing	3day	Sun 2/14/21	Sat 2/20/21	0%										
226		Grade beams stripping	5day	Wed 2/17/21	Wed 2/24/21	0%										
227		Backfill	4day	Wed 2/24/21	Sun 2/28/21	0%										
228		Structural Activities	25day	Thu 2/18/21	Wed 3/17/21	0%										
229		Structural Steel & OWSJ	14day	Thu 2/18/21	Sat 3/6/21	0%										
230		Glulam & Wood-Deck Install	12day	Sun 2/21/21	Sat 3/6/21	0%										
231		Q-St. Deck (Floor/Roof)	5day	Mon 3/1/21	Sun 3/7/21	0%										
232		M/E Fl/Rf Penetrations	6day	Sun 2/28/21	Sun 3/7/21	0%										
233		Concrete on Steel Deck (HOARDED)	5day	Sun 3/7/21	Fri 3/12/21	0%										
234		Steel Stud Framing	6day	Sat 3/6/21	Fri 3/12/21	0%										
235		A1 Structural Work completion	0day	Wed 3/17/21	Wed 3/17/21	0%										
236		Architecture Activities	40day	Mon 3/8/21	Tue 4/20/21	0%										
237		Masonry @ Ext. Walls (Top of Concrete Deck) & Masonry Veneer (HOARDED)	8day	Tue 3/9/21	Wed 3/17/21	0%										
238		Interior Steel Studs	14day	Fri 3/12/21	Sat 3/27/21	0%										
239		Exterior Sheathing and insulation	14day	Mon 3/8/21	Tue 3/23/21	0%										
240		Siding Assembly	7day	Sat 3/27/21	Sun 4/4/21	0%										
241		Int. Masonry Walls (NON HOARDED)	8day	Sat 3/27/21	Mon 4/5/21	0%										
242		M& E Rough-Ins	7day	Thu 4/1/21	Thu 4/8/21	0%										
243		Membrane Roofing	6day	Fri 3/12/21	Fri 3/19/21	0%										
244		Cardboard Mock-Ups	9day	Sun 4/4/21	Wed 4/14/21	0%										
245		Sheet Metal Flashing and Trim	8day	Sun 4/4/21	Mon 4/12/21	0%										
246		Roof Hatches	7day	Sun 4/4/21	Sun 4/11/21	0%										
247		Firestopping and Smoke seals	4day	Sun 4/4/21	Thu 4/8/21	0%										
248		Gypsum Board	12day	Wed 4/7/21	Tue 4/20/21	0%										
249		Finishing Activities	30day	Sat 4/17/21	Wed 5/19/21	0%										
250		Paint	14day	Sat 4/17/21	Sun 5/2/21	0%										
251		Ceilings	14day	Sat 4/24/21	Mon 5/10/21	0%										
252		Flooring	13day	Sun 4/18/21	Sun 5/2/21	0%										
253		Tiling	7day	Sat 4/24/21	Sun 5/2/21	0%										
254		Millwork	8day	Fri 4/23/21	Sun 5/2/21	0%										
255		Joint Sealants	4day	Sun 5/2/21	Thu 5/6/21	0%										
256		Aluminum Windows, Glazing surface Films ,Louverd Glazing	13day	Thu 4/22/21	Thu 5/6/21	0%										
257		Doors and Hardware , Automatic Door Operators and Glazing	25day	Thu 4/22/21	Wed 5/19/21	0%										
258		Specialties	13day	Mon 4/26/21	Mon 5/10/21	0%										
259		Equipment (Comm. Kitchen & Loading Deck.)	14day	Sat 4/24/21	Mon 5/10/21	0%										
260		Mechanical and Electrical Activities	79day	Fri 4/16/21	Sat 7/10/21	0%										
261		Electrical work	45day	Sun 5/2/21	Sun 6/20/21	0%										
262		Communications	32day	Tue 5/25/21	Mon 6/28/21	0%										
263		Integrated Automation	33day	Sat 5/29/21	Sun 7/4/21	0%										
264		Electronic Safety and Security	33day	Sat 6/5/21	Sat 7/10/21	0%										
265		Fire Suppression	34day	Mon 5/24/21	Wed 6/30/21	0%										
266		Plumbing	23day	Fri 4/16/21	Tue 5/11/21	0%										
267		Heating, Ventilating and Air Conditioning (HVAC)	44day	Mon 5/10/21	Sat 6/26/21	0%										

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ID	Task Mode	Task Name	Rounded Duration	Start	Finish	% Complete	Qtr 2, 2020 AprMayJun	Qtr 3, 2020 JulAugSep	Qtr 4, 2020 OctNovDec	Qtr 1, 2021 JanFebMar	Qtr 2, 2021 AprMayJun	Qtr 3, 2021 JulAugSep	Qtr 4, 2021 OctNovDec	Qtr 1, 2022 JanFebMar	Qtr 2, 2022 AprMayJun	Qtr 3, 2022 JulAug
268		Phase - C2	170day	Thu 2/18/21	Sun 8/22/21	0%										
269		Concrete Foundation and Grade Beam	49day	Thu 2/18/21	Mon 4/12/21	0%										
270		Prepare Bedrock at all locations for inspections	6day	Thu 2/18/21	Sat 2/27/21	0%										
271		Footing (42)	33day	Sat 2/20/21	Mon 3/29/21	0%										
272		Footing/Foundation Inspection	4day	Sat 2/20/21	Thu 2/25/21	0%										
273		Footing Forming	4day	Wed 2/24/21	Sun 2/28/21	0%										
274		Footing Tying	4day	Fri 2/26/21	Tue 3/2/21	0%										
275		Footing Inspection (CKP)	2day	Sun 2/28/21	Tue 3/2/21	0%										
276		Footing Pouring	3day	Wed 3/3/21	Fri 3/12/21	0%										
277		Foundation Curing	4day	Thu 3/4/21	Mon 3/29/21	0%										
278		Pier	18day	Sun 3/7/21	Fri 3/26/21	0%										
279		Piers Forming	4day	Sun 3/7/21	Fri 3/12/21	0%										
280		Piers Tying	6day	Tue 3/9/21	Mon 3/15/21	0%										
281		Piers rebar Inspection	4day	Thu 3/11/21	Mon 3/15/21	0%										
282		Piers Pouring	4day	Fri 3/12/21	Fri 3/19/21	0%										
283		Piers Curing	4day	Sat 3/13/21	Sat 3/20/21	0%										
284		Strip Foundations/Piers	6day	Tue 3/16/21	Tue 3/23/21	0%										
285		Backfill / Slope & Finish Crawl Space	6day	Sat 3/20/21	Fri 3/26/21	0%										
286		Grade Beam	19day	Tue 3/23/21	Mon 4/12/21	0%										
287		Grade beams Forming	6day	Tue 3/23/21	Mon 3/29/21	0%										
288		Grade beams tying	4day	Fri 3/26/21	Tue 3/30/21	0%										
289		Grade beams rebar Inspection	2day	Mon 3/29/21	Wed 3/31/21	0%										
290		Grade beams concrete pouring	3day	Tue 3/30/21	Mon 4/5/21	0%										
291		Grade beams Curing	3day	Wed 3/31/21	Tue 4/6/21	0%										
292		Grade beams stripping	5day	Sun 4/4/21	Fri 4/9/21	0%										
293		Backfill	3day	Fri 4/9/21	Mon 4/12/21	0%										
294		Structural Activities	37day	Fri 4/9/21	Wed 5/19/21	0%										
295		Structural Steel & OWSJ	12day	Fri 4/9/21	Thu 4/22/21	0%										
296		Q-St. Deck (Floor/Roof)	5day	Sun 4/18/21	Fri 4/23/21	0%										
297		M/E FI/Rf Penetrations	4day	Mon 4/19/21	Fri 4/23/21	0%										
298		Concrete on Steel Deck (HOARDED)	4day	Mon 5/3/21	Fri 5/7/21	0%										
299		A1 Structural Work completion	0day	Wed 5/19/21	Wed 5/19/21	0%										
300		Architecture Activities	51day	Mon 4/26/21	Mon 6/21/21	0%										
301		Masonry @ Ext. Walls (Top of Concrete Deck) & Masonry Veneer (HOARDED)	6day	Thu 5/13/21	Wed 5/19/21	0%										
302		Interior Steel Studs	14day	Sat 5/1/21	Sun 5/16/21	0%										
303		Exterior Sheathing and insulation	14day	Sun 5/16/21	Mon 5/31/21	0%										
304		Siding Assembly	7day	Wed 5/19/21	Thu 5/27/21	0%										
305		Siding Assembly	4day	Mon 5/31/21	Fri 6/4/21	0%										
306		Int. Masonry Walls (NON HOARDED)	8day	Mon 5/31/21	Wed 6/9/21	0%										
307		M& E Rough-Ins	7day	Sat 6/5/21	Sat 6/12/21	0%										
308		Membrane Roofing	6day	Mon 4/26/21	Mon 5/3/21	0%										
309		Cardboard Mock-Ups	5day	Sat 6/5/21	Thu 6/10/21	0%										
310		Sheet Metal Flashing and Trim	4day	Sat 6/5/21	Wed 6/9/21	0%										
311		Roof Hatches	4day	Sat 6/5/21	Wed 6/9/21	0%										
312		Firestopping and Smoke seals	4day	Sat 6/5/21	Wed 6/9/21	0%										
313		Gypsum Board	12day	Tue 6/8/21	Mon 6/21/21	0%										
314		Finishing Activities	43day	Fri 6/18/21	Tue 8/3/21	0%										
315		Paint	14day	Fri 6/18/21	Sat 7/3/21	0%										
316		Ceilings	14day	Fri 6/25/21	Sat 7/10/21	0%										
317		Flooring	13day	Sat 6/19/21	Sat 7/3/21	0%										
318		Tiling	7day	Fri 6/25/21	Sat 7/3/21	0%										
319		Millwork	8day	Thu 6/24/21	Sat 7/3/21	0%										
320		Joint Sealants	4day	Sat 7/3/21	Wed 7/7/21	0%										
321		Aluminum Windows, Glazing surface Films ,Louverd Glazing ,ICU	24day	Wed 6/23/21	Mon 7/19/21	0%										
322		Doors and Hardware , Automatic Door Operators and Glazing	38day	Wed 6/23/21	Tue 8/3/21	0%										
323		Specialties	13day	Sat 6/26/21	Sat 7/10/21	0%										
324		Equipment (Comm. Kitchen & Loading Deck.)	14day	Fri 6/25/21	Sat 7/10/21	0%										
325		Mechanical and Electrical Activities	55day	Wed 6/23/21	Sun 8/22/21	0%										
326		Electrical work	41day	Sat 7/3/21	Mon 8/16/21	0%										
327		Communications	28day	Wed 7/14/21	Fri 8/13/21	0%										
328		Integrated Automation	28day	Mon 7/19/21	Wed 8/18/21	0%										
329		Electronic Safety and Security	28day	Thu 7/22/21	Sun 8/22/21	0%										
330		Fire Suppression	31day	Wed 7/14/21	Mon 8/16/21	0%										
331		Plumbing	23day	Wed 6/23/21	Sun 7/18/21	0%										
332		Heating, Ventilating and Air Conditioning (HVAC)	44day	Sun 7/4/21	Fri 8/20/21	0%										
333		Phase - B2	112day	Mon 4/5/21	Wed 8/4/21	1%										
334		Concrete Foundation and Grade Beam	43day	Mon 4/5/21	Fri 5/21/21	6%										

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ID	Task Mode	Task Name	Rounded Duration	Start	Finish	% Complete	Qtr 2, 2020 AprMayJun	Qtr 3, 2020 JulAugSep	Qtr 4, 2020 OctNovDec	Qtr 1, 2021 JanFebMar	Qtr 2, 2021 AprMayJun	Qtr 3, 2021 JulAugSep	Qtr 4, 2021 OctNovDec	Qtr 1, 2022 JanFebMar	Qtr 2, 2022 AprMayJun	Qtr 3, 2022 JulAug
335		Prepare Bedrock at all locations for inspections	4day	Mon 4/5/21	Fri 4/9/21	0%										
336		Footing (46)	28day	Wed 4/7/21	Sat 5/8/21	16%										
337		Footing/Foundation Inspection	11day	Sat 4/10/21	Fri 4/23/21	22%										
338		Footing Forming	6day	Wed 4/7/21	Tue 4/20/21	22%										
339		Footing Tying	6day	Fri 4/9/21	Wed 4/21/21	22%										
340		Footing Inspection (CKP)	2day	Sun 4/11/21	Wed 4/21/21	0%										
341		Footing Pouring	3day	Mon 4/12/21	Sun 4/25/21	0%										
342		Foundation Curing	4day	Tue 4/13/21	Sat 5/8/21	0%										
343		Pier	17day	Fri 4/16/21	Tue 5/4/21	0%										
344		Piers Forming	2day	Fri 4/16/21	Sun 4/18/21	0%										
345		Piers Tying	4day	Sun 4/18/21	Fri 4/23/21	0%										
346		Piers rebar Inspection	2day	Tue 4/20/21	Thu 4/22/21	0%										
347		Piers Pouring	3day	Wed 4/21/21	Wed 4/28/21	0%										
348		Piers Curing	4day	Thu 4/22/21	Thu 4/29/21	0%										
349		Strip Foundations/Piers	6day	Sat 4/24/21	Sun 5/2/21	0%										
350		Backfill / Slope & Finish Crawl Space	6day	Tue 4/27/21	Tue 5/4/21	0%										
351		Grade Beam	19day	Sat 5/1/21	Fri 5/21/21	0%										
352		Grade beams Forming	6day	Sat 5/1/21	Sun 5/9/21	0%										
353		Grade beams tying	4day	Tue 5/4/21	Sat 5/8/21	0%										
354		Grade beams rebar Inspection	2day	Fri 5/7/21	Sun 5/9/21	0%										
355		Grade beams concrete pouring	3day	Sat 5/8/21	Sun 5/16/21	0%										
356		Grade beams Curing	3day	Sun 5/9/21	Mon 5/17/21	0%										
357		Grade beams stripping	5day	Thu 5/13/21	Tue 5/18/21	0%										
358		Backfill	3day	Tue 5/18/21	Fri 5/21/21	0%										
359		Structural Activities	17day	Fri 4/9/21	Wed 4/28/21	0%										
360		Structural Steel & OWSJ	12day	Fri 4/9/21	Thu 4/22/21	0%										
361		Q-St. Deck (Floor/Roof)	5day	Sun 4/18/21	Fri 4/23/21	0%										
362		M/E FI/Rf Penetrations	4day	Mon 4/19/21	Fri 4/23/21	0%										
363		Concrete on Steel Deck (HOARDED)	4day	Wed 4/21/21	Sun 4/25/21	0%										
364		Steel Stud Framing	5day	Mon 4/19/21	Sat 4/24/21	0%										
365		A1 Structural Work completion	0day	Wed 4/28/21	Wed 4/28/21	0%										
366		Architecture Activities	41day	Tue 4/20/21	Thu 6/3/21	0%										
367		Masonry @ Ext. Walls (Top of Concrete Deck) & Masonry Veneer (HOARDED)	6day	Wed 4/21/21	Wed 4/28/21	0%										
368		Interior Steel Studs	14day	Sun 4/25/21	Tue 5/11/21	0%										
369		Exterior Sheathing and insulation	14day	Tue 4/20/21	Wed 5/5/21	0%										
370		Siding Assembly	7day	Tue 5/11/21	Tue 5/18/21	0%										
371		Int. Masonry Walls (NON HOARDED)	8day	Tue 5/11/21	Wed 5/19/21	0%										
372		M&E Rough-Ins	7day	Sat 5/15/21	Sat 5/22/21	0%										
373		Membrane Roofing	6day	Fri 4/23/21	Fri 4/30/21	0%										
374		Cardboard Mock-Ups	5day	Tue 5/18/21	Mon 5/24/21	0%										
375		Sheet Metal Flashing and Trim	4day	Tue 5/18/21	Sat 5/22/21	0%										
376		Roof Hatches	4day	Tue 5/18/21	Sat 5/22/21	0%										
377		Firestopping and Smoke seals	4day	Tue 5/18/21	Sat 5/22/21	0%										
378		Gypsum Board	12day	Fri 5/21/21	Thu 6/3/21	0%										
379		Finishing Activities	45day	Mon 5/31/21	Mon 7/19/21	0%										
380		Paint	14day	Mon 5/31/21	Tue 6/15/21	0%										
381		Ceilings	14day	Tue 6/8/21	Wed 6/23/21	0%										
382		Flooring	13day	Tue 6/1/21	Tue 6/15/21	0%										
383		Tiling	7day	Tue 6/8/21	Tue 6/15/21	0%										
384		Millwork	8day	Mon 6/7/21	Tue 6/15/21	0%										
385		Joint Sealants	4day	Tue 6/15/21	Sun 6/20/21	0%										
386		Aluminum Windows, Glazing surface Films ,Louverd Glazing	20day	Sun 6/6/21	Sun 6/27/21	0%										
387		Doors and Hardware , Automatic Door Operators and Glazing	40day	Sun 6/6/21	Mon 7/19/21	0%										
388		Specialties	13day	Wed 6/9/21	Wed 6/23/21	0%										
389		Equipment (Comm. Kitchen & Loading Deck.)	14day	Tue 6/8/21	Wed 6/23/21	0%										
390		Mechanical and Electrical Activities	58day	Wed 6/2/21	Wed 8/4/21	0%										
391		Electrical work	41day	Tue 6/15/21	Fri 7/30/21	0%										
392		Communications	28day	Sat 6/26/21	Mon 7/26/21	0%										
393		Integrated Automation	28day	Fri 7/2/21	Sun 8/1/21	0%										
394		Electronic Safety and Security	28day	Mon 7/5/21	Wed 8/4/21	0%										
395		Fire Suppression	31day	Sat 6/26/21	Fri 7/30/21	0%										
396		Plumbing	23day	Wed 6/2/21	Sun 6/27/21	0%										
397		Heating, Ventilating and Air Conditioning (HVAC)	44day	Wed 6/16/21	Tue 8/3/21	0%										
398		Phase - A2	160day	Sun 5/16/21	Fri 11/5/21	1%										
399		Concrete Foundation and Grade Beam	42day	Sun 5/16/21	Wed 6/30/21	8%										
400		Prepare Bedrock at all locations for inspections	4day	Sun 5/16/21	Thu 5/20/21	0%										
401		Footing (72)	12day	Tue 5/18/21	Mon 5/31/21	31%										

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ID	Task Mode	Task Name	Rounded Duration	Start	Finish	% Complete	Qtr 2, 2020												Qtr 3, 2020			Qtr 4, 2020			Qtr 1, 2021			Qtr 2, 2021			Qtr 3, 2021			Qtr 4, 2021			Qtr 1, 2022			Qtr 2, 2022			Qtr 3, 2022																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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402		Footings/Foundation Inspection	2day	Tue 5/18/21	Thu 5/20/21	32%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						