

Weekly Report

Report # 21

Dec 8th, 2020

Norway House Cree Nation

Health Centre of Excellence



Project:

CD4 – Health Centre of Excellence

Aman Chana

JNR Construction

Weekly Progress Report

Dec 8, 2020, ID #141

REPORT DETAILS

Description Weekly Progress report # 21

Created by Aman Chana

1. WORK LOG

| Crew | # Workers | # Total hours | Work performed |
|--------|-----------|---------------|----------------------------|
| JNR | 46 | 2760 | See below for discriptions |
| Totals | 46 | 2760 | |

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 erection continuing in area A1

4.2 Completed Work

Concrete Work:

Stripping Grade beam in area A3.

Preparing formwork / tying rebar for Grade Beam in area B2.

Stairwell work in B1.

Starting sheet damp proofing in area A1.

Preparing sono-tubes for piers in area A2.

5. MECHANICAL

5.1 Ongoing Work

Producing required shop drawing submittals -Ongoing

5.2 Completed Work

Installing for Sanitary main (A1).

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

Wescan Electrical on site. Electrical work being completed underside grade Beam in A1.

7. CIVIL

7.1 Ongoing Work

Inspections:
Inspecting backfilling operation in area C1/C2.
3 lifts tested and approved:
1. Compaction: 97.1%, MC 3.0%.
2. Compaction: 101.5%, MC 2.6%.
3. Compaction: 95.9%, MC 2.8%.

Surveyor
Weeping tiles layout in area C1/B1.
Grade beam / Bolt layout and check B1/B2
Drafting and data management.

Backfilling operations in area A1
Backfilling operations in C1 / C2 - On-going
Laying/Digging for weeping tiles in area A3/B1/C1

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.
276 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:

Schedule Notes. Community lock down continuing until Dec 11th 202. All JNR employees are reporting to site and are not venturing into the community as per the latest NHCN community regulations. Mandatory mask policy has been implemented in the JNR camp in all common areas and is being enforced with a safety reprimand if not followed.

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 (37)



Rebar closeup for grade beams

Arshdeep Grewal

Dec 6, 2020 9:20 PM



grade beam corner with steel embed

Arshdeep Grewal

Dec 6, 2020 9:20 PM



Grade beam formwork with rebar

Arshdeep Grewal

Dec 6, 2020 9:20 PM



Grade beam formwork with rebar

Arshdeep Grewal

Dec 6, 2020 9:18 PM



grade beam rebar corner

Arshdeep Grewal

Dec 6, 2020 9:17 PM



Rebar closeup

Arshdeep Grewal

Dec 6, 2020 9:17 PM



IMG_009

Arshdeep Grewal

Dec 6, 2020 9:11 PM



IMG_006

Arshdeep Grewal

Dec 6, 2020 9:08 PM



rebar cover confirmation
Arshdeep Grewal
Dec 6, 2020 9:06 PM



grade beam with steel embed
Arshdeep Grewal
Dec 6, 2020 9:05 PM



rebar connections
Arshdeep Grewal
Dec 6, 2020 9:04 PM



IMG_18
Arshdeep Grewal
Dec 5, 2020 1:48 PM



IMG_19
Arshdeep Grewal
Dec 5, 2020 1:48 PM



IMG_20
Arshdeep Grewal
Dec 5, 2020 1:48 PM



Rebar closeup
Arshdeep Grewal
Dec 5, 2020 1:42 PM



Grade beam formwork with rebar side view
Arshdeep Grewal
Dec 5, 2020 1:41 PM



grade beam side view with rebar installed

Arshdeep Grewal

Dec 5, 2020 1:41 PM



Grade beam formwork with rebar

Arshdeep Grewal

Dec 5, 2020 1:38 PM



grade beam form work inside corner

Arshdeep Grewal

Dec 5, 2020 1:34 PM



Grade beam formwork with rebar

Arshdeep Grewal

Dec 5, 2020 1:34 PM



backfill closeup over concrete pads and piers

David Somerville

Dec 2, 2020 4:32 PM



IMG_0314

David Somerville

Dec 2, 2020 4:31 PM



concrete piers

David Somerville

Dec 2, 2020 4:30 PM



concrete formwork framing

David Somerville

Dec 2, 2020 4:28 PM



steel installed Area A1

David Somerville

Dec 2, 2020 4:18 PM



backfill operations Area A1

David Somerville

Dec 2, 2020 4:16 PM



structural steel area 1

David Somerville

Dec 2, 2020 4:15 PM



backfill operations

Wayne Dee

Dec 2, 2020 7:40 AM



grade beam rebar install

Wayne Dee

Dec 2, 2020 7:40 AM



trenching for weeping tile

Wayne Dee

Dec 2, 2020 7:40 AM



backfill operations

Wayne Dee

Dec 2, 2020 7:40 AM



piers in area A3

Wayne Dee

Dec 2, 2020 7:40 AM



hoarded concrete piers

Wayne Dee

Dec 2, 2020 7:40 AM



steel on piers installed 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

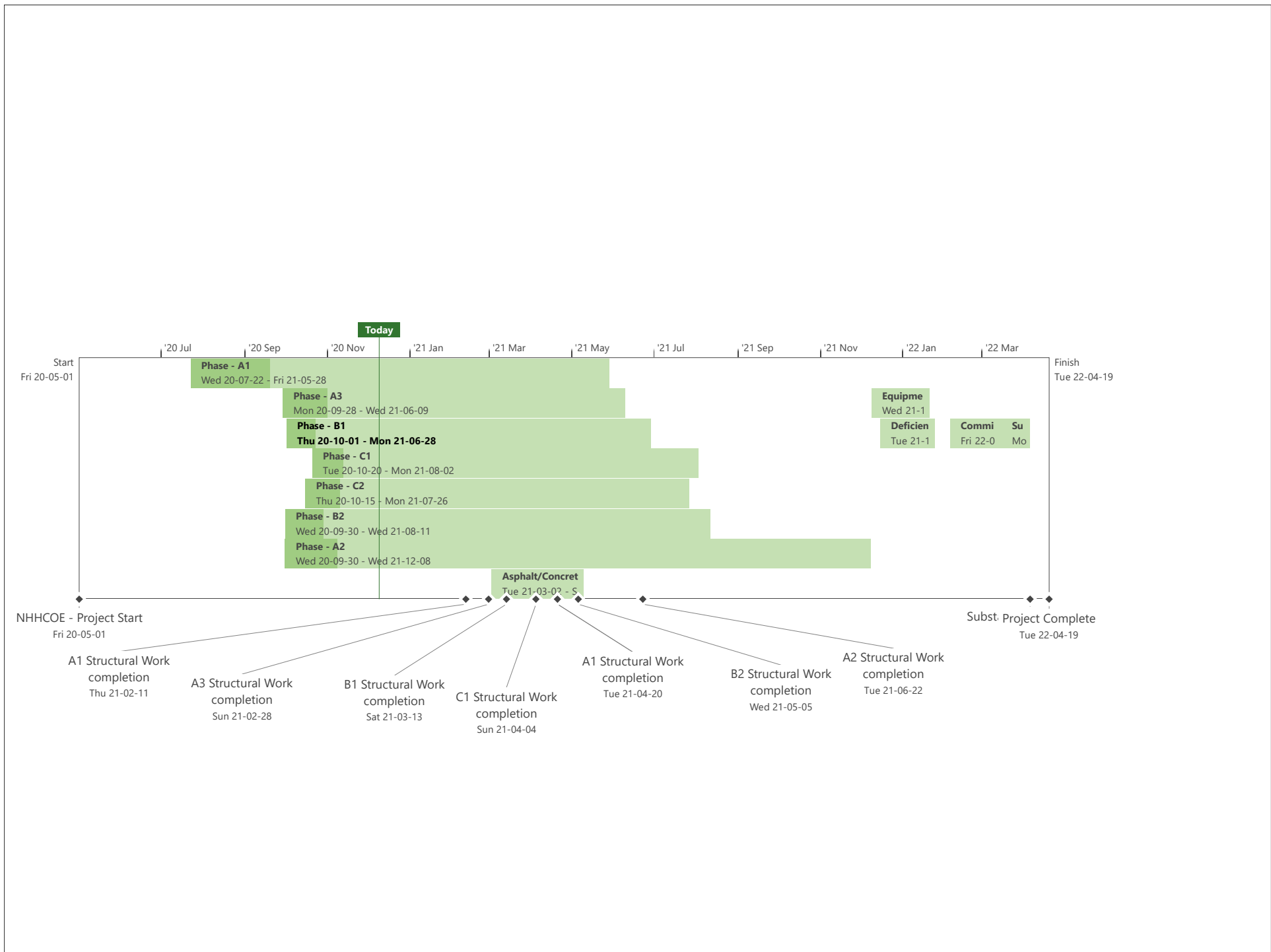
Dec 1, 2020 9:21 AM



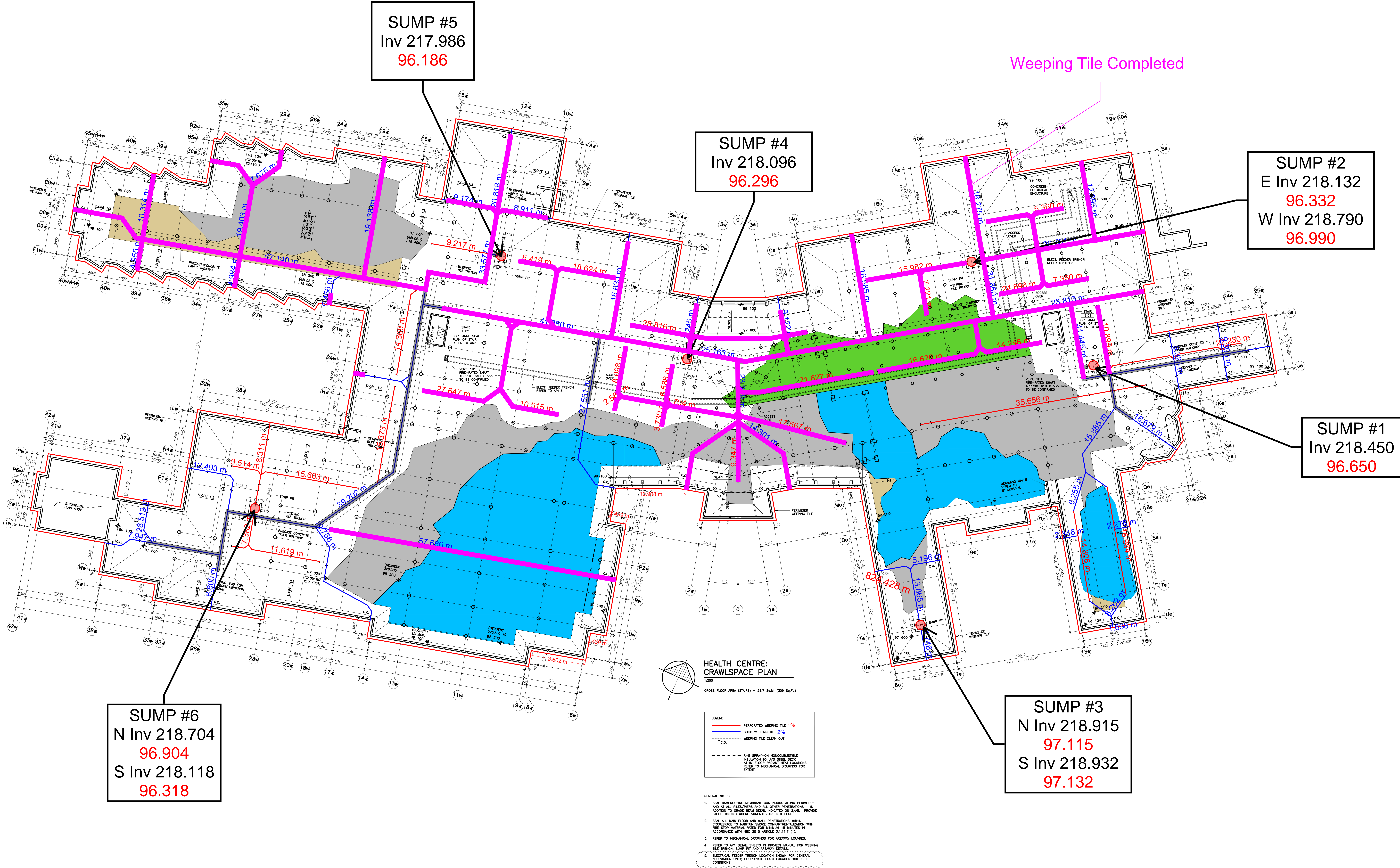
structural steel area 1

Wayne Dee

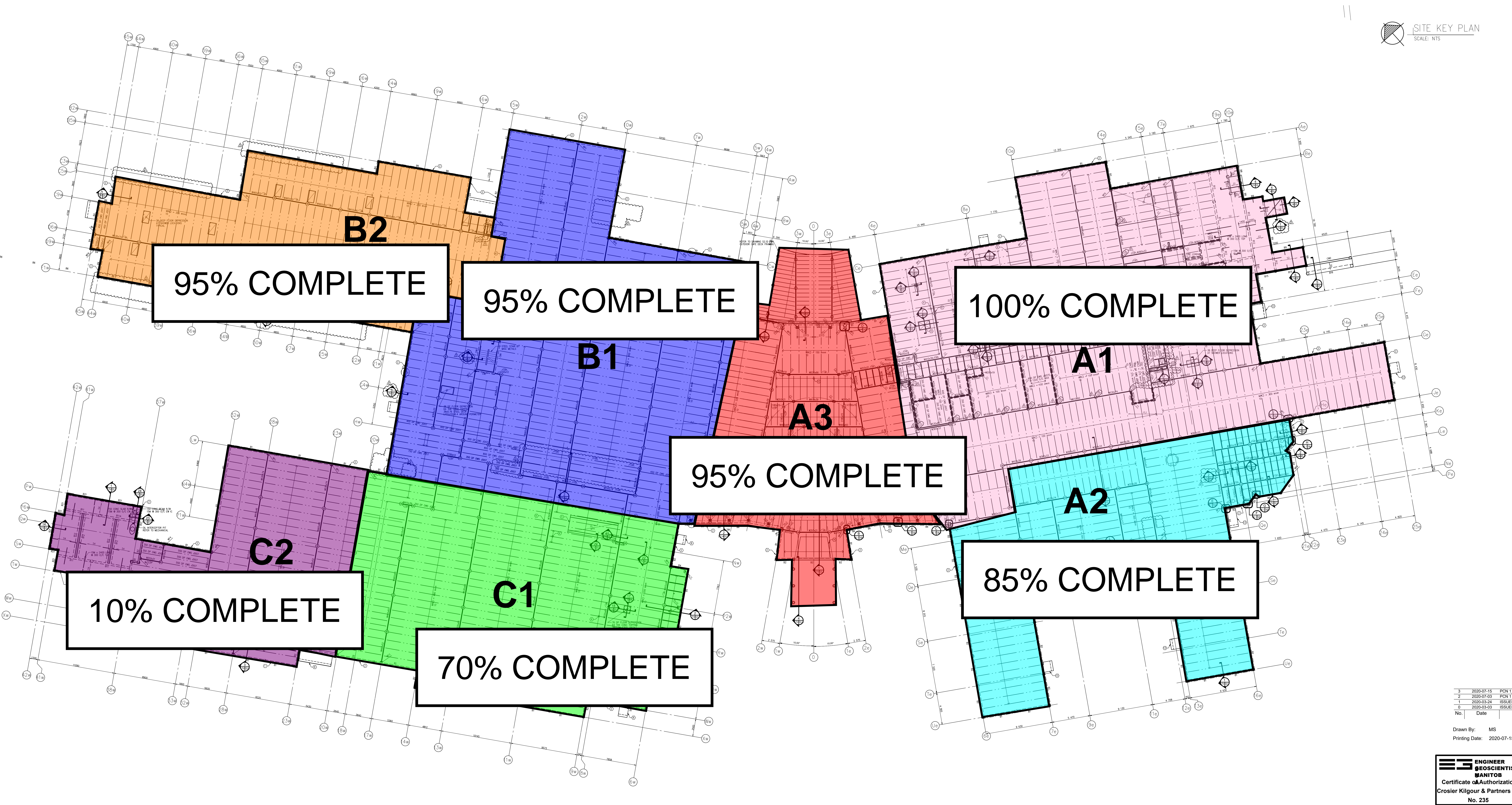
Dec 1, 2020 6:20 AM



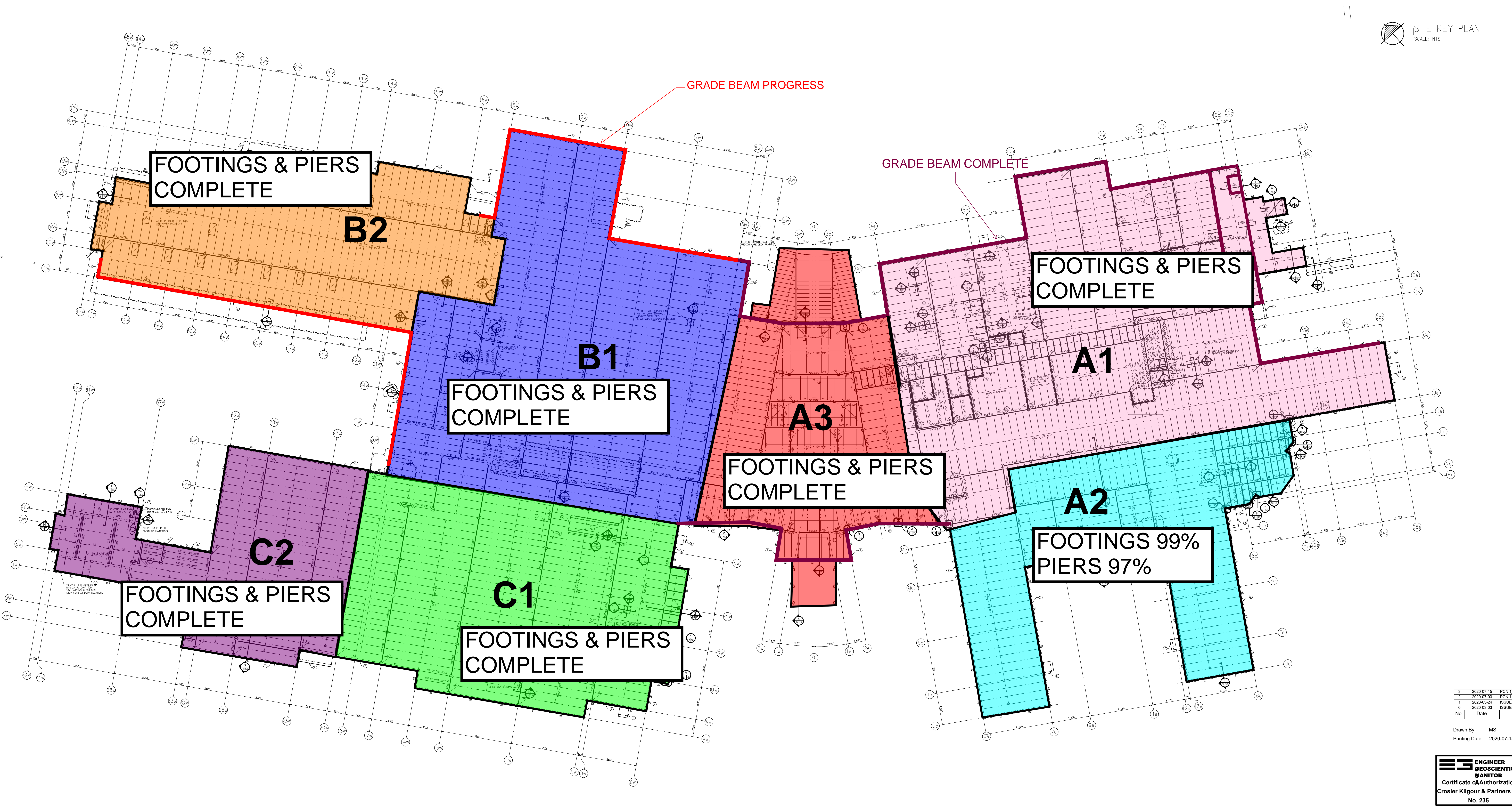
WEEPING TILE UPDATE



BACKFILL ACTIVITY



FORMWORK & CONCRETE ACTIVITY





NORWAY HOUSE CREE NATION
19015D HEALTH CENTRE



RFI LOG

| | | | | | | |
|----------|------------------------|-------------------|------------------|--|--------|-----------|
| Updated: | 2020-12-09 | 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 |
|---------------------|-------------------------------|--------|----------------|-----------------------------|----------|--------------|------------------------------|-----------|-------------------------|---|--------------------|------------|----------|
| 001 | 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. 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 | 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. 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: 2020-12-09 | | 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: 2020-12-09 | | 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: 2020-12-09 | 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 | 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 |
| | | | | | | | | | | | |