
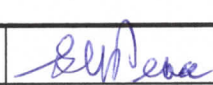
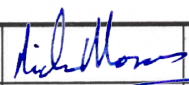
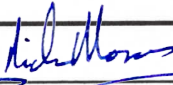


**Baffinland Iron Mines LP  
Mary River Expansion Project**

**Construction Summary Report: 386p Camp**

PERMIT TO PRACTICE	
HATCH LTD.	
Signature	
Date	APRIL 30, 2020
PERMIT NUMBER: P 512	
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU	



						Denton Henkelman	Digitally signed by Denton Henkelman Date: 2020.04.30 13:45:33 -04'00'
2020-04-30	0	Approved for Use	G. Peace	N. Mason	N. Mason	D. Henkelman	
Date	Rev.	Status	Prepared By	Checked By	Approved By	Approved By	
HATCH						Client	

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#### **Appendix A**

As-built Drawings

#### **Appendix B**

Earthworks Data

#### **Appendix C**

Turnover Documents

#### **Appendix D**

Contact Information as per Components 1 and 2 of the Commercial Lease Requirement

#### **Appendix E**

Map to Show Construction in Relation to Lease Boundaries and Water Bodies

## **1. Facility Description**

### **1.1 Purpose and Design Basis**

Baffinland Iron Mines Corporation (Baffinland) has added a 386 person (386p) accommodation camp at Milne Port. Raw water is trucked to feed the Potable Water Treatment Plant (PWTP) and fire water storage tanks. Potable water is stored in Potable Water storage tanks. Waste water is pumped to a Waste Water Treatment Plant (WWTP) which produces a cake for disposal and effluent that is trucked to the discharge point. The fire water tanks feed the fire water pumps which feed the fire water system.

The camp and associated works were designed and constructed to the following codes and standards.

- National Building Code of Canada (NBC) 2010.
- ANSI B31.3-2010.
- Nunavut Mine Health and Safety Act.
- Nunavut Mine Health and Safety Regulations.
- Nunavut Electrical Protection Act.
- Nunavut Electrical Protection Regulations.

### **1.2 Location and Base Elevations**

The new 386p Camp is located on the west side of the Tote Road between northing N7974974 and N7975280, and easting E503241 and E503424 at elevation 13 meters above sea level (masl).

### **1.3 Geometry and Access**

The 386p Camp is accessible from the Tote Road.

### **1.4 Earthworks Materials Details**

The 386p Camp pad was constructed to meet the elevation requirements of the design. Details of the earthworks can be found in Appendix B.

## **2. Construction Activity Summary**

Construction activities for the 386p camp commenced in April of 2017 with the camp pad. On February 3, 2019 work started on preparation of floor panels. Construction activities were completed on December 11, 2019.



The following summarizes construction activities:

## **2.1 Pad preparation**

- Snow and ice was cleared.
- High areas were cut to grade.
- Compaction of the existing ground was completed.
- Run of Quarry (ROQ) fill was placed.
- A variety of crushed materials were sourced from Baffinland and placed to level the subgrade.
- Surfacing material was placed to bring to final grade.

## **2.2 Foundations**

- Floor panels were placed.

## **2.3 Erection of camp structures**

- Started camp installation with the erection of “A” wing.
- WWTP and PWTP were placed.
- Continued erection of remaining wings, arctic corridor and the core.
- Boot room, gym and training units were placed.

## **2.4 Building services**

- Potable water supply was installed.
- Waste water system was installed.
- Fire alarm system was installed.
- Sprinkler system was installed.

## **2.5 Power**

- Cabling was installed from main power supply.
- Transformers were installed and hooked up.

## **3. QA/QC**

Quality Assurance (QA) was performed by the Hatch Construction Supervisor during daily audits with the Nuna/ADCO, Nuna and/or the Horizon North Supervisor during the construction. Quality Surveillance Inspection Acceptance and Sign-off Reports were prepared by the Nuna/ADCO Supervisor, Nuna Supervisor and/or Horizon North Supervisor and signed off by the Hatch Representative. Quality reports are included as part of the turnover packages in Appendix B and Appendix C.

#### 4. Photographic Records



**Photo 4-1: Camp Pad**



**Photo 4-2: Floor Panel Construction**



**Photo 4-3: Floor Panel Placement**



**Photo 4-4: Prefab Shop**



**Photo 4-5: A Dorm Installed**



**Photo 4-6: Dorm Wall Installation**





**Photo 4-7: A Dorm Room**



**Photo 4-8: Arctic Corridor**



**Photo 4-9: Power Supply Cables**



**Photo 4-10: Stairs and Landing**



**Photo 4-11: Dining Room**



**Photo 4-12: Transformer Containment**



Photo 4-13: Water Storage Tank

## 5. As-built Drawings

The as-built drawings incorporate contractor red line markups, field instructions, requests for information, field sketches and all other inputs provided by the Engineering, Procurement and Construction Management (EPCM) field team. As-built drawings are attached in Appendix A. These drawings are representative of the final as-built conditions.

Table 5-1: As-built Drawing List

Drawing Number	Title
AF-000-010	386p Camp Site Plan
SM 17064 MPCP Crush Surface	386p Camp Surface As-built
E-000-002	Electrical Distribution Schematic Sheet 1
E-000-001	Electrical Distribution Schematic Sheet 2
E2.2	Electrical 16 Unit (Skid) "Kitchen/Diner"
E2.1	Electrical Layout 36 Room Dorm
E2.0	Electrical Layout 50 Room Dorm
E3.0	Electrical Schedule
FAS150701B	Fire Alarm Plan
FAS150702A	Fire Alarm Riser Diagram
E150801B	Fire Suppression As-built Sheet 1
E150802B	Fire Suppression As-built Sheet 2
E150803B	Fire Suppression As-built Sheet 3
E150804B	Fire Suppression As-built Sheet 4



Drawing Number	Title
E150805B	Fire Suppression As-built Sheet 5
M2.0	Main Floor HVAC Layout 36 Person Complex
M2.1	Main Floor HVAC Layout 50 Person Complex
M1.0	Mechanical Cover Page
	Potable and Waste Water Infrastructure
	PWTP Electrical Legend
	PWTP P&ID Inlet
	PWTP P&ID Legend
	PWTP P&ID Outlet
	PWTP PLC Layout
	PWTP Single Line Diagram 120V
	PWTP Single Line Diagram 600V
	PWTP System Layout Sheet 1
	PWTP System Layout Sheet 2
	WWTP feed from Receiving Station (RS)
214.09.P07	WWTP P&IDs Chemical Addition and Membrane Backpulse Skid
214.09.P02	WWTP Piping and Instrumentation Diagrams (P&IDs) Legend
214.09.P04	WWTP P&IDs Membrane Filtration
214.09.P01	WWTP P&IDs Raw Sewage Equalization
214.09.P05	WWTP P&IDs Sludge Holding and Recycle
214.09.P06	WWTP P&IDs UV Disinfection and Final Effluent

## 6. Field Decisions

The following section describes field decisions made during construction:

- Type 8 material (150 mm minus) was not available during camp pad construction. Run of Quarry (ROQ) was substituted for the Type 8.
- The orientation of the boot room, gym and training room units was changed due to access considerations.
- Addition of a waste water receiving tank (RT) to regulate flow to the WWTP.

## 7. Performance Evaluation

There have been frequent spills at the WWTP. This was addressed by the installation of a receiving tank to help even out the flow to the WWTP.

## 8. Vibration Monitoring and Quarrying Activity

No vibration monitoring was conducted during the construction of this work as it was not deemed necessary based on the scope of activities required for construction.

## 9. Environmental Monitoring

Baffinland Environment was responsible for environmental monitoring at the site during this work and following-up with construction if there were any reported environmental incidents or non-conformances.

The Spill contingency Plan (BAF-PH1-830-P16-0036), in conjunction with the Emergency Response Plan (BAF-PH1-830-P16-0007), provides guidance and instructions for first responders and Baffinland Management in the event of a spill event or other emergency such as fire or accident.

The risks to the environment as a result of construction activity for this work would originate from spills from equipment or facilities and are described below:

- On July 18, 2019 biological foam overflowed at the WWTP resulting in a small amount contacting the ground. It was immediately cleaned up.
- On July 24, 2019 20 to 30 liters of effluent were spilled when a hose between the effluent truck and the WWTP was disconnected. It was immediately cleaned up.
- On August 12, 2019 there was a sewage overflow at a lift station. It was cleaned up immediately.
- On September 14, 2019 the holding tank at the WWTP overflowed resulting in a spill to the ground. It was cleaned up immediately.
- On September 27, 2019 approximately 1000 litres of foam and liquid over flowed onto the plant floor and the ground outside the WWTP. It was cleaned up immediately.

## **10. Earthworks Data**

See Appendix B for information on the Camp Pad earthworks construction.

## **11. Unanticipated Observations**

Not applicable.

## **12. Surface Monitoring**

Non conducted.

## **13. Required Maintenance**

Not applicable.

## **14. Adaptive Management**

Construction changes were managed through issue of Engineering Change Notices (ECNs) for changes to the design and through Requests for Information (RFIs) for changes requested by the Contractor.

For discussion of adaptive management principles and practices applied and their overall effectiveness please refer to the Annual Report to the Nunavut Water Board and the Nunavut Impact Review Board.

## 15. Concordance with Type “A” Water Licence

Baffinland’s Type A Water Licence, Schedule D, outlines the requirements for Construction Summary/Monitoring Reports. Table 15-1 provides a concordance of this report with the requirements of Schedule D.

**Table 15-1: Concordance with Type "A" Water License**

Schedule D Item No.	Schedule D Description	Corresponding Section in this Report
1a	Description of all infrastructure and facilities designed and constructed to contain, withhold, divert or retain Water and/or Waste;	1
1b	A summary of construction activities including photographic records before, during and after construction of the facilities and infrastructure designed to contain, withhold, divert or retain Water and/or Waste;	2, 3, 4
1c	As-built drawings and design for facilities and infrastructure, in Item 1(a) of this schedule, designed and constructed to contain, withhold, divert or retain Water and/or Waste;	5 Appendix A
1d	Documentation of field decisions that deviate from the original plans and any data used to support or developed facilities and infrastructure to withhold, divert or retain Water and/or Waste;	6
1e	A comparison of measured versus predicted performance of infrastructure and facilities;	7
1f	Any blast vibration monitoring and control for quarrying activity carried out in close proximity to fish bearing waters;	8
1g	Monitoring conducted for sediment and explosives residue release from construction areas;	9
1h	Monitoring undertaken in accordance with Part D of the Licence during the Construction Phase of the Project;	8, 9
1i	Details confirming that the requirements of the CCME guidance document entitled “Aboveground Storage Tank Systems for Petroleum and Allied Petroleum Products (2003)” have been met by the Licensee;	N/A
1j	Data collected from instrumentation used to monitor earthworks and the interpretation of that data;	12
1k	A discussion of any unanticipated observations including changes in risk and mitigation measures implemented to reduce risk during construction;	11
1l	An overview of any method including frequency used to monitor deformations, seepage and geothermal responses;	12
1m	A summary of maintenance work undertaken as a result of settlement or deformation of dikes and dams;	13
1n	A summary of adaptive management principles and practices applied during the relevant phases of the Project and their overall effectiveness.	14

## 16. Concordance with Commercial Lease Requirements

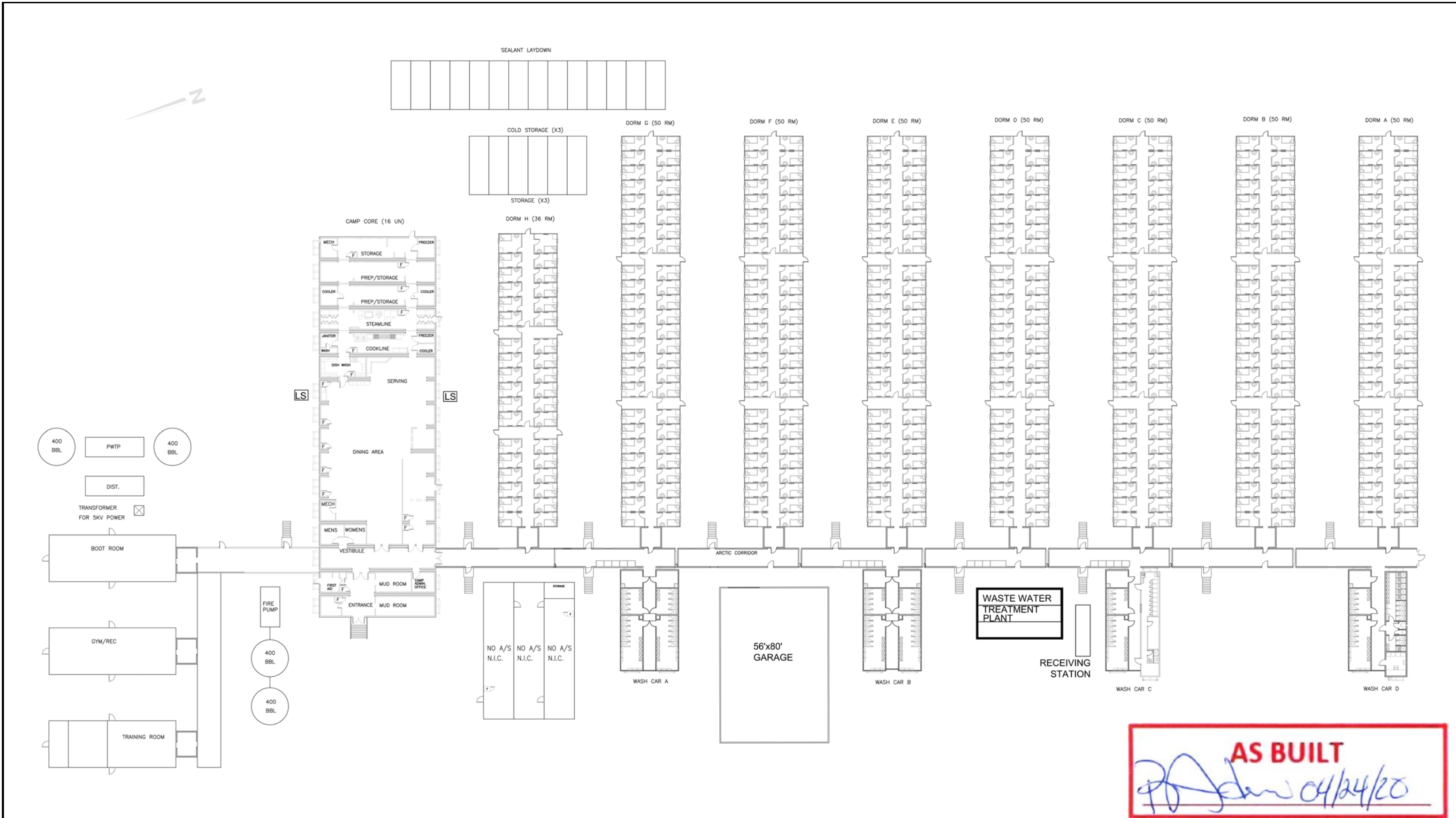
Table 16-1 provides a concordance of this report with the requirements of the Commercial Lease for As-built reporting.

**Table 16-1: Concordance for Commercial Lease As-built Requirements**

Component	Minimum Information Requirements	Corresponding Section in this report
1	The name and contact information of the person and company responsible for completing the construction, construction monitoring and preparing the As-built Report	Appendix D
2	The name and contact information of the Baffinland representatives(s) that QIA can contact should it have any questions or comments regarding the As-built Report	Appendix D
3	An introduction to the infrastructure or facilities including but not limited to the construction background, concept and construction history	1,2
4	Construction records including As-built drawings signed and stamped by a professional engineer detailing surveys, planar and cross sections that illustrate all designed components. This should be provided in PDF format and if requested the native file (e.g. CAD, .dxf, etc.)	Appendix A Appendix B Appendix C
5	Detailed description of any deviations from the For Construction Design. Deviations that should be noted include, but are not limited to, changes in design and construction materials, construction methodology or monitoring	6
6	Observed performance of the construction including a comparison to predicted performance. Recommendations for performance monitoring based on observations during construction if applicable	NA
7	A description and list of instrumentation installed, if applicable, and results of construction monitoring including all environmental data. Recommendations for additional performance or environmental monitoring based on observations and monitoring results, if applicable.	NA
8	A summary of quality assurance testing results, if applicable, and comparison of these results to construction/design requirements to ensure performance of the infrastructure or facilities.	3 Appendix B Appendix C
9	A summary of adaptive management principles and practices related to environmental management and monitoring applied during the relevant phases of the Project and their overall effectiveness	NA
10	Photographic records before, during and after construction of the facilities or infrastructure.	4
11	Map(s) to illustrate the completed construction in relation to Lease boundaries and water bodies. The minimum distance from completed or modified facilities and infrastructure to the surveyed boundary of the Property, surveyed boundary of the Impact Area, and the original high water mark should be provided.	Appendix E

# **Appendix A**

## **As-built Drawings**



**AS BUILT**  
*[Signature]* 04/24/20

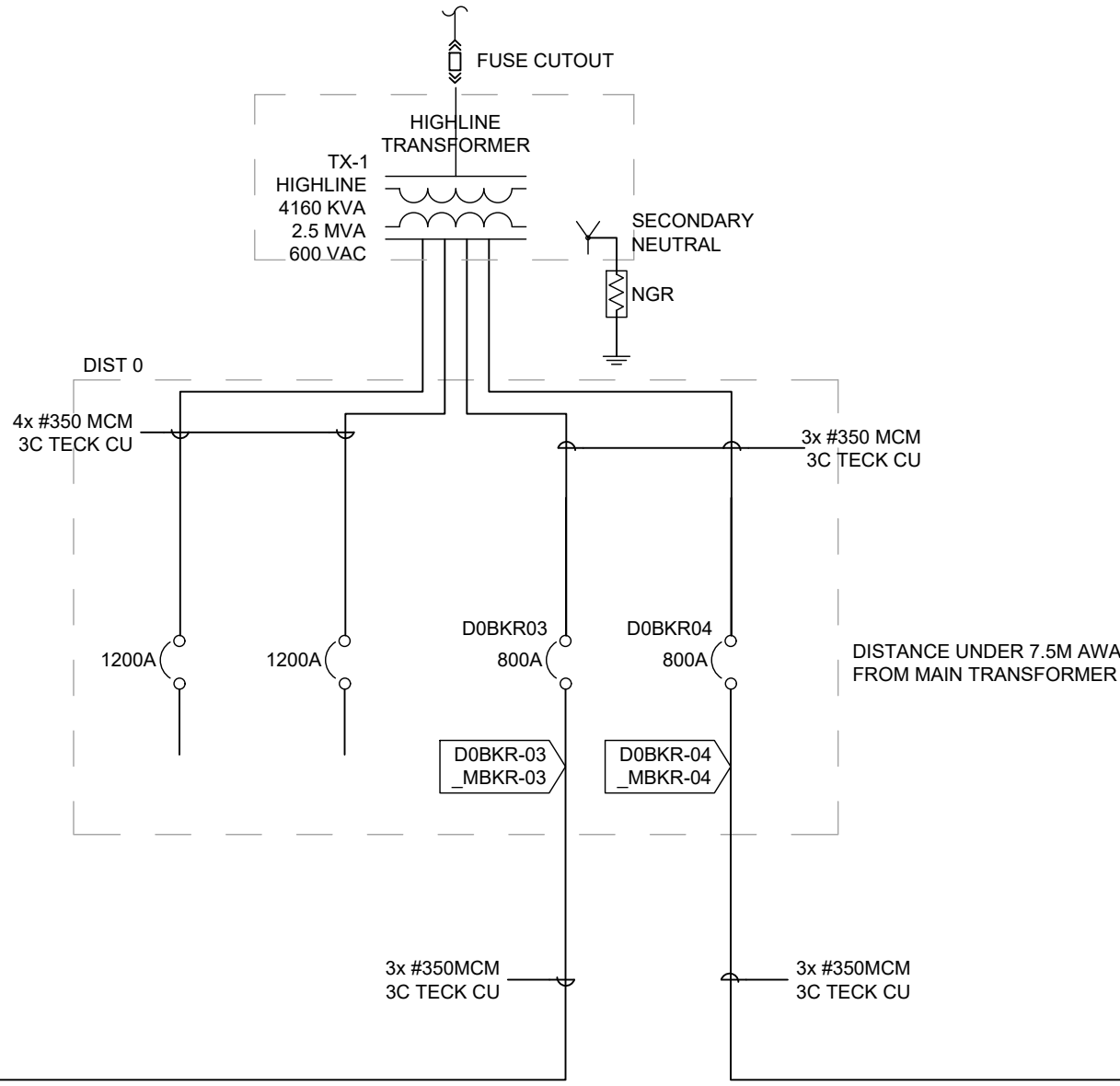




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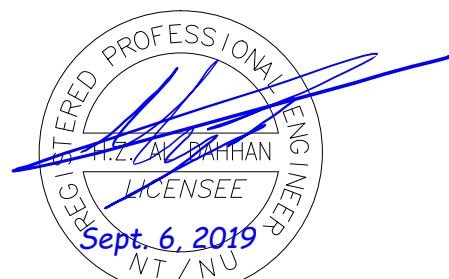
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SIZE OF WIRE  
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WIRE 2ND END DESTINATION  
WIRE 1ST END SOURCE SIDE  
\* WIRE TAGS MUST BE PLACED AT BOTH ENDS OF THE WIRE



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Review Grade	Next Submittal Status
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<input type="checkbox"/> C2 - Proceed with exceptions as noted to next submission & status	<input type="checkbox"/> As-Built
<input type="checkbox"/> C3 - Do not proceed. Revise as noted & resubmit	<input type="checkbox"/> Internal Review
Next Submittal Date:	<input type="checkbox"/> Certified/ <input type="checkbox"/> As-Built
<input checked="" type="checkbox"/> C4 - No further submission required - Complete (select status below) <input type="checkbox"/> Certified Final <input checked="" type="checkbox"/> Final <input type="checkbox"/> Cancelled <input type="checkbox"/> Superseded	
Package Engineer: Name, signature and date	
Reviewed only for general conformity with the specifications. Acceptance by the engineer does not warrant or represent that the information contained on this drawing/document is either accurate or complete. The sole responsibility for correct design, details & dimensions shall remain with the party submitting the drawing/document.	

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	3	19-06-07	Addendum #1	AMJ	HAD
	2	19-04-16	ISSUED FOR BUILDING PERMIT	ALC	HAD
	1	19-04-11	ISSUED FOR REVIEW	ALC	MN
	No.	Y M D	REVISION	BY	CHKD



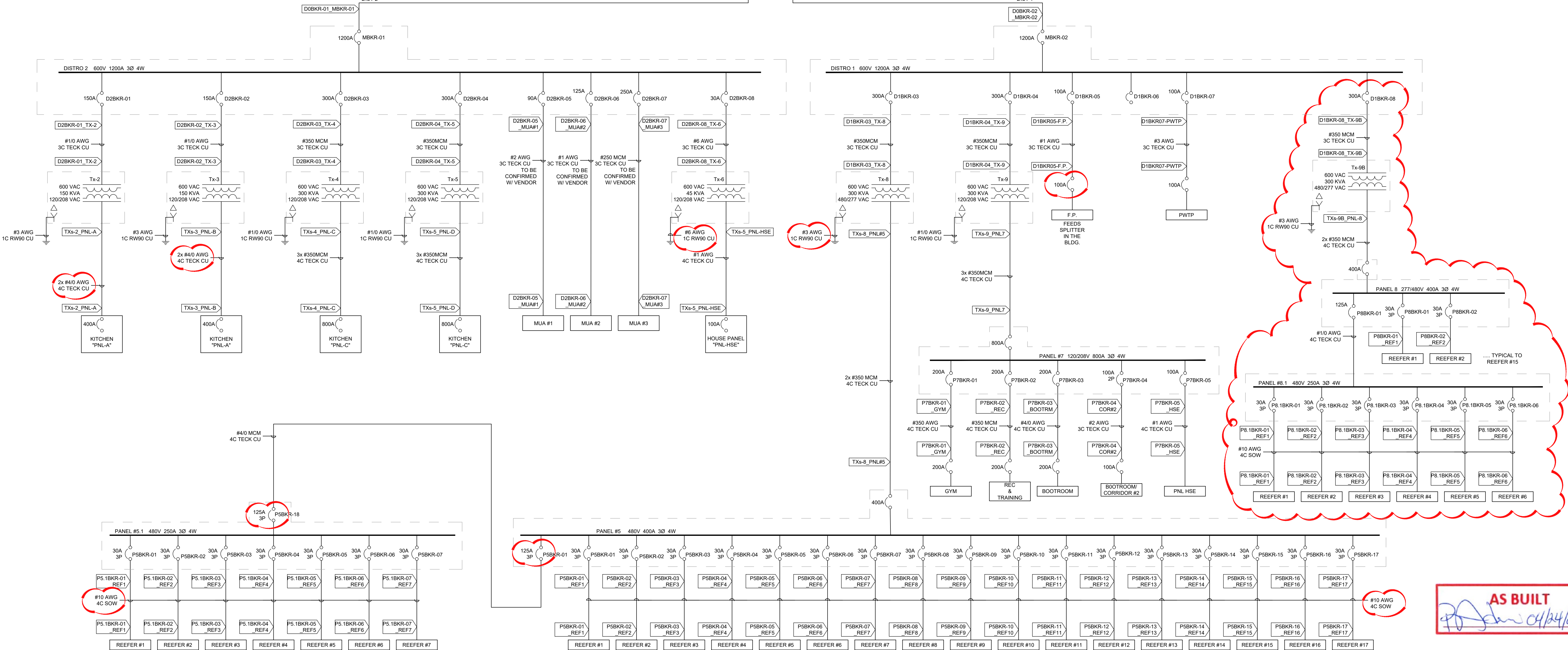
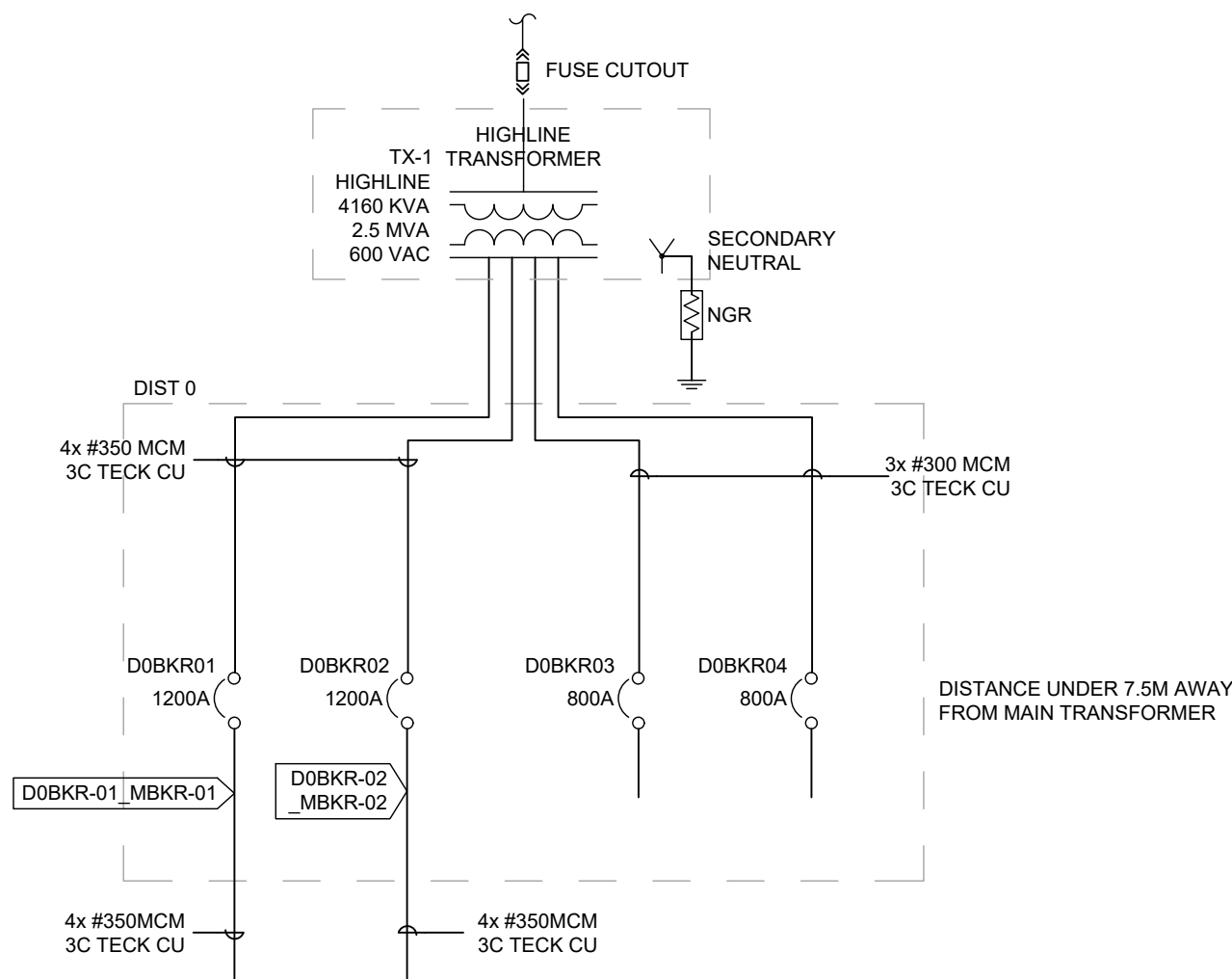
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DRAWN BY: M.J.	SCHEMATIC 1 OF 2	



BAFFLINLAND DISTRIBUTION

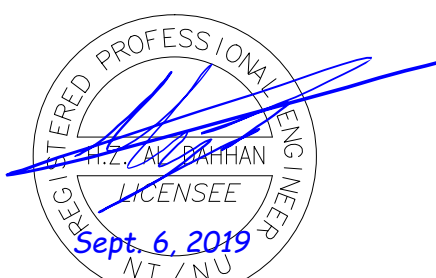
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— SIZE OF WIRE  
— WIRE SETS

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DOBKR-01\_MBK-01  
— WIRE 2ND END DESTINATION  
— WIRE 1ST END SOURCE SIDE  
\* WIRE TAGS MUST BE PLACED AT BOTH ENDS OF THE WIRE

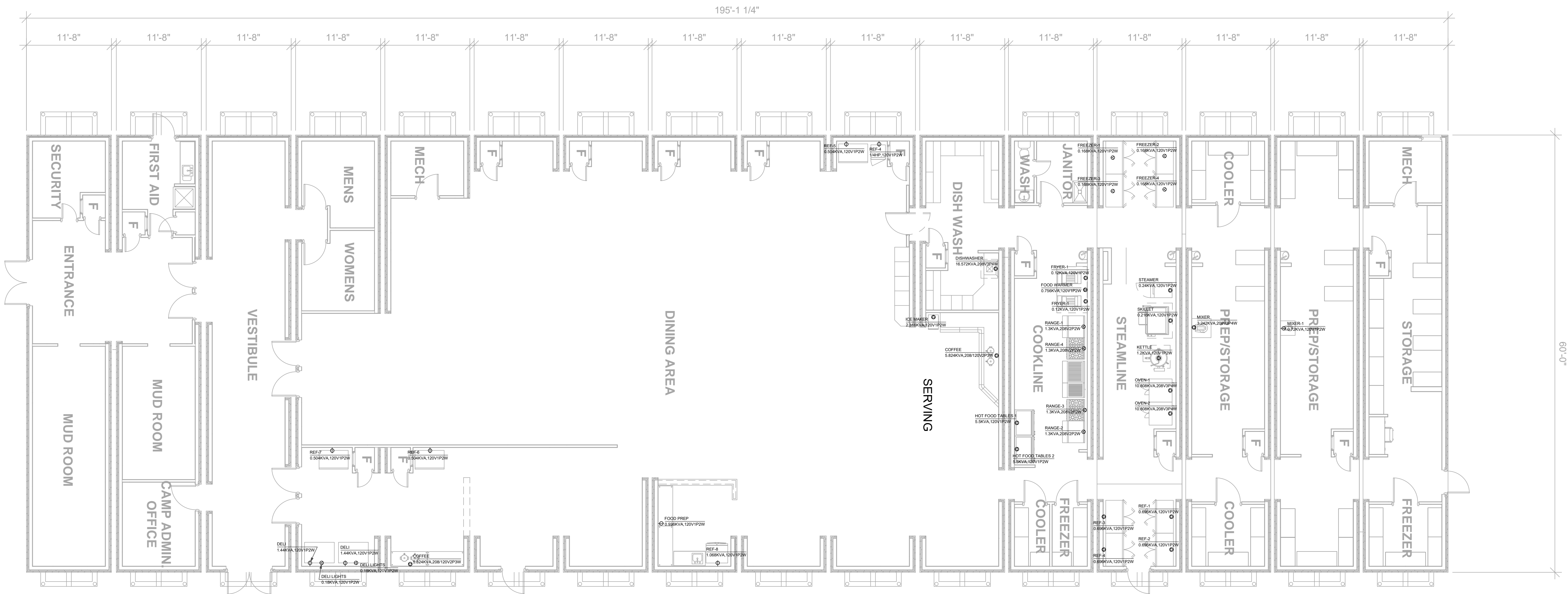


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<input type="checkbox"/> C2 - Proceed with exceptions as noted to next submission & status		<input type="checkbox"/> As-Built	
<input type="checkbox"/> C3 - Do not proceed. Revise as noted & resubmit		<input type="checkbox"/> Internal Review	
Next Submittal Date:		<input type="checkbox"/> Certified/ <input type="checkbox"/> As-Built	
<input checked="" type="checkbox"/> C4 - No further submission required - Complete (select status below)		<input type="checkbox"/> Certified Final <input checked="" type="checkbox"/> Final <input type="checkbox"/> Cancelled <input type="checkbox"/> Superseded	
Package Engineer: Name, signature and date			
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	No.	Y M D	REVISION	BY	CHKD



PROJ # : 24015	BAFFINLAND IRON MINES	DWG No.:
M# : M#	PROPOSED 386 BED PORT SITE	E-000-001
SCALE : N T S	BAFFINLAND ELECTRICAL DISTRIBUTION	
DRAWN BY : MJ	SCHEMATIC 2 OF 2	



1 16 Unit (SKID) "Kitchen/Dinner" Power Layout  
E2.2 1/8" = 1'-0"

SKID EQUIPMENT SCHEDULE								
CALLOUT	SYMBOL	NEMA	VOLTS	AMPS	KVA	HP	CIRCUIT	NOTE 1
COFFEE	☉		208/120V 2P 3W	28	5.82			GARLAND G36-G36R
COFFEE	☉		208/120V 2P 3W	28	5.82			GARLAND G36-G36R
DELI	☉		120V 1P 2W	12	1.44			HOWAR-McCRAY SC 0035E 4 LS OTR
DELI	☉		120V 1P 2W	12	1.44			
DELI LIGHTS	☉		120V 1P 2W	1.5	0.18			
DELI LIGHTS	☉		120V 1P 2W	1.5	0.18			
FOOD PREP	☉		120V 1P 2W	7.8	0.94			TRUE TSSU 60 18M B
FREEZER-1	☉		120V 1P 2W	1.4	0.17			TRUE T49F
FREEZER-2	☉		120V 1P 2W	1.4	0.17			TRUE T-49F
FREEZER-3	☉		120V 1P 2W	1.4	0.17			TRUE T-49F
FREEZER-4	☉		120V 1P 2W	1.4	0.17			TRUE T-49F
ICE MAKER	☉		120V 1P 2W	19.3	2.32			GARLAND G36-G36R
KETTLE	☉		120V 1P 2W	10	1.2			GARLAND KGL 40 T
MIXER	☉		208V 3P 4W	9	3.24			GLOBE SP60
MIXER-1	☉		120V 1P 2W	6	0.72			GLOBE SP20
OVEN-1	☉		208V 3P 4W	30	10.81			GARLAND SUMG 200
OVEN-2	☉		208V 3P 4W	30	10.81			GARLAND SUMG 200
REF-4	☉		120V 1P 2W	5.8	0.7	1/4 HP		GARLAND G36-G36R
REF-5	☉		120V 1P 2W	4.2	0.5			HABCO SE40E
REF-6	☉		120V 1P 2W	4.2	0.5			HABCO SE40E
REF-7	☉		120V 1P 2W	4.2	0.5			HABCO SE40E
REF-8	☉		120V 1P 2W	8.9	1.07			TRUE T-19
SKILLET	☉		120V 1P 2W	1.8	0.22			CLEVELAND SPL 40 TR
STEAMER	☉		120V 1P 2W	2	0.24			CLEVELAND 24 CGA 10

AS BUILT  
04/24/20



DesignWorks  
Engineering + Inspections Ltd.

P: 780 814-5533 F: 780-800-2112  
9905-97 Avenue, Grande Prairie, AB T8V 0N2  
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www.designworkseng.com

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OF THE APPLICABLE BUILDING CODE, AND ANY OTHER  
GOVERNING AUTHORITY.

No.	Description	Date
1	ISSUED FOR REVIEW	2017-05-23

CONTRACTOR

SEAL

CLIENT

DRAWN BY: AL NEIL CABALLES  
CHECKED BY: HAYDAR AL DAHHAN, P.ENG.  
ENGINEER: HAYDAR AL DAHHAN, P.ENG.  
DATA FILE: K:\designserver\DW Management\projects  
2017\170109 Horizon Baffinland Iron Mines  
BUILDING DESIGN\ELECTRICAL\Electrical  
DATE: MAY 2017  
SCALE: 1/8" = 1' - 0"

PROJECT  
Baffinland  
Iron Mines

DESCRIPTION  
16 Unit (SKID)  
"Kitchen/Dinner"  
DRAWING NO. E2.2  
SHEET 2 / #





DesignWorks  
Engineering + Inspections Ltd.

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No.	Description	Date
1	ISSUED FOR REVIEW	2017-05-23

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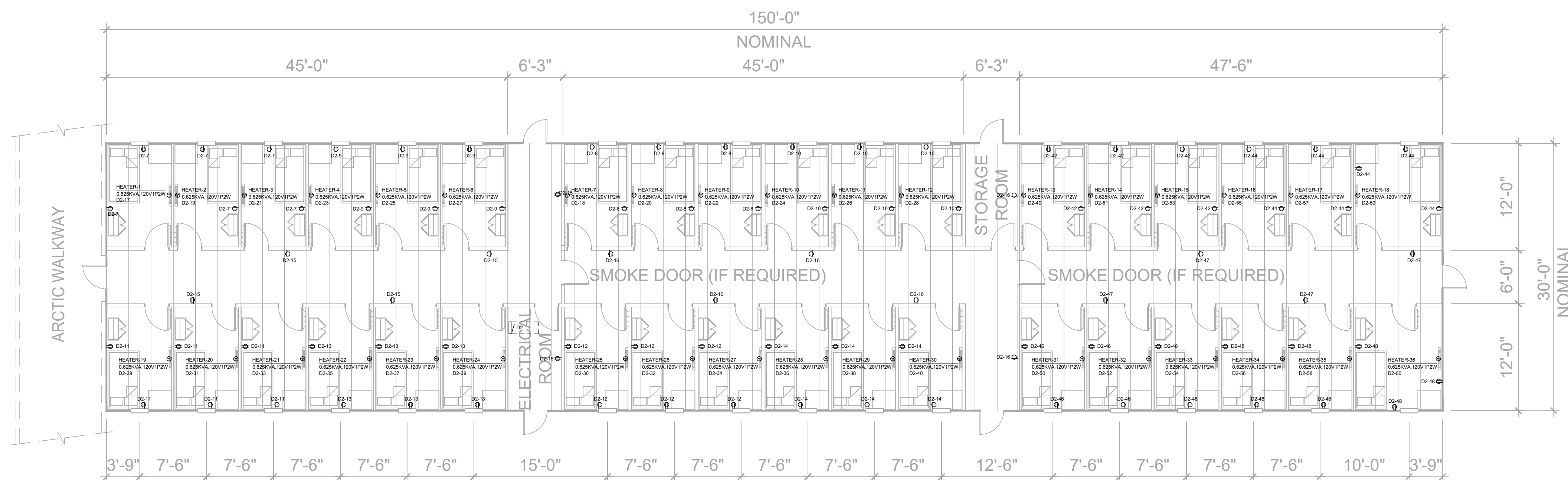
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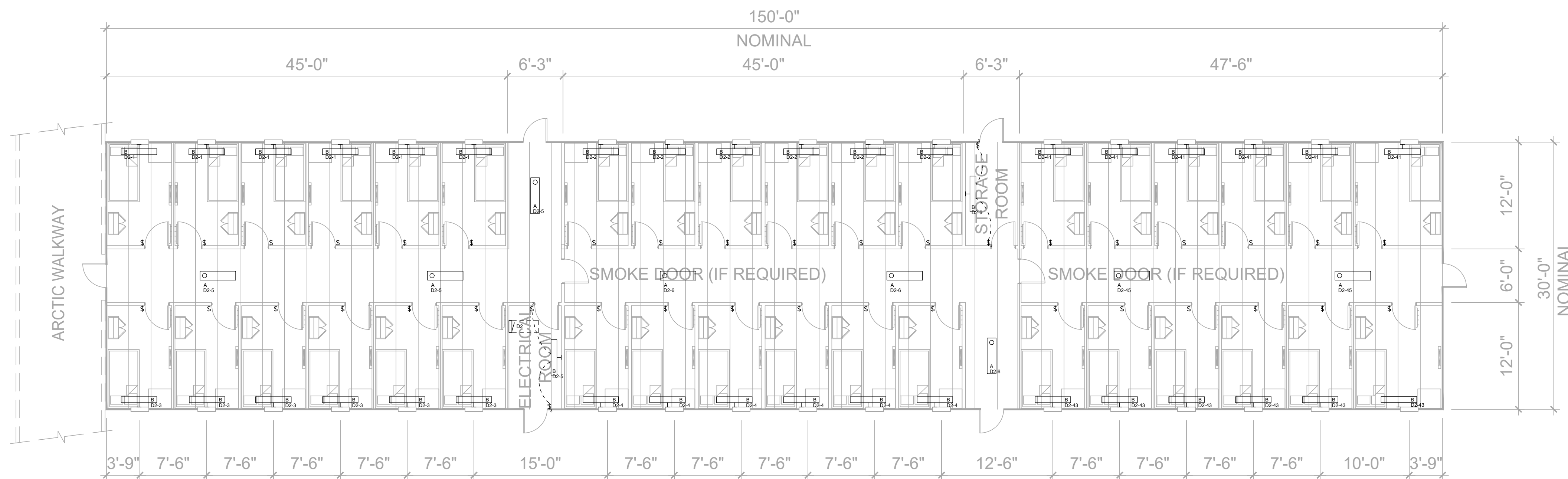
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CHECKED BY: HAYDAR AL DAHHAN, P.ENG.  
ENGINEER: HAYDAR AL DAHHAN, P.ENG.  
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2017\170109 Horizon Baffinland Iron Mines  
BUILDING DESIGN\ELECTRICAL\Electrical  
DATE: MAY 2017  
SCALE: 1/8" = 1' - 0"

PROJECT  
Baffinland  
Iron Mines

DESCRIPTION  
36 Room Dorm  
Electrical Layout  
DRAWING NO. E2.1  
SHEET 2  
#



1 36 Room Dorm Power Layout  
E2.0 1/8" = 1'-0"



1 36 Room Dorm Lighting Layout  
E2.1 1/8" = 1'-0"

AS BUILT  
04/24/20



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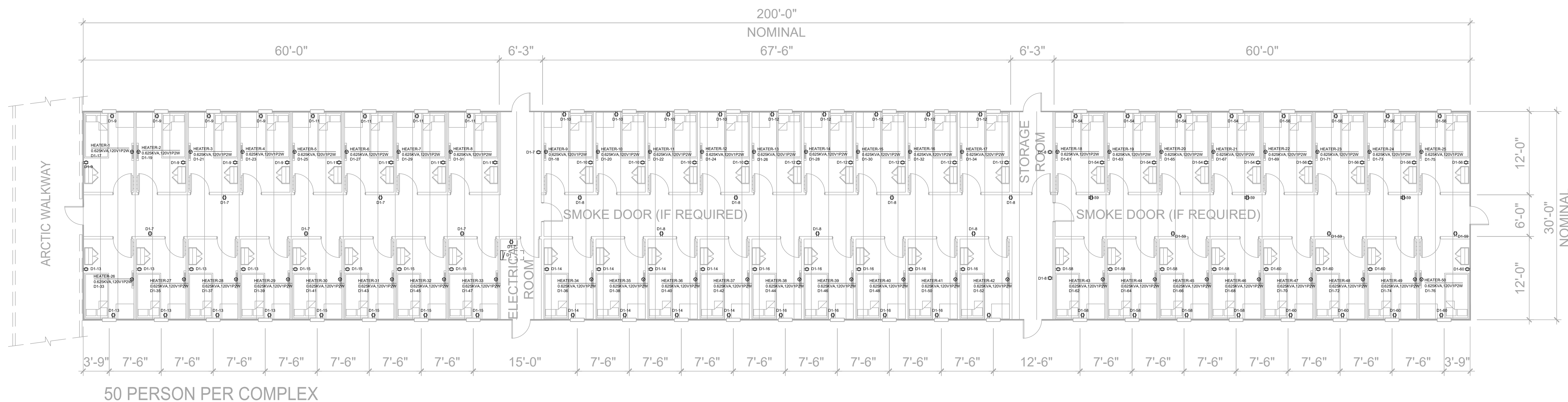
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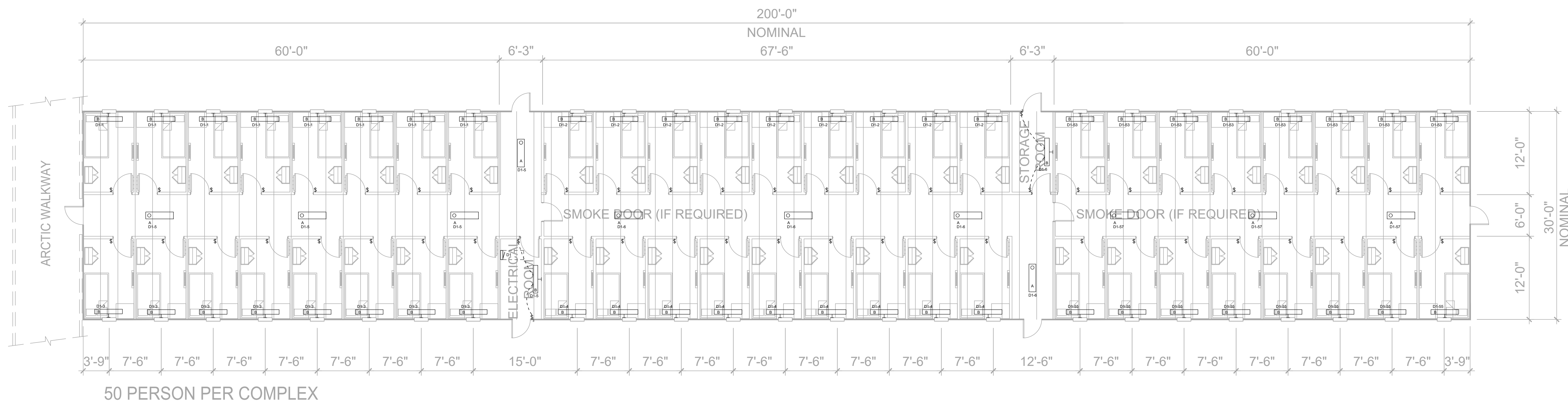
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2017\170109 Horizon Baffinland Iron Mines  
BUILDING DESIGN\ELECTRICAL\Electrical  
DATE: MAY 2017  
SCALE: 1/8" = 1' - 0"

PROJECT  
Baffinland  
Iron Mines

DESCRIPTION  
50 Room Dorm  
Electrical Layout  
DRAWING NO. E2.0  
SHEET 1  
#



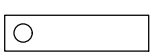
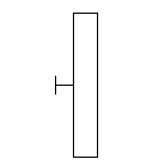
1 50 Room Dorm Power Layout  
E2.0 1/8" = 1'-0"




2 50 Room Dorm Lighting Layout  
E2.0 1/8" = 1'-0"

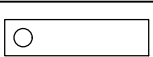
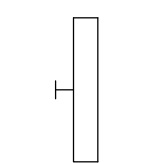
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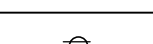


LUMINAIRE SCHEDULE 50 DORM									
CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	INPUT WATTS	VOLTS	QUANTITY
A		(1) 40.5W LED	HALLWAY LIGHTS	ELECTRONIC	CEILING	LITHONIA - LBL4 4800LM EZ1 LP840 40K MVLOT	45	120V 1P 2W	12
B		(1) 28.2W LED	BEDROOM LIGHTS	ELECTRONIC	SURFACE	LITHONIA - WL4 30L EZ1 LP840	31	120V 1P 2W	52


RECEPTACLE SCHEDULE 50 DORM					
CALLOUT	SYMBOL	NEMA	VOLTS	FEATURES	QUANTITY
STANDARD DUPLEX		5-20R	120V 1P 2W	GND	124


SWITCH SCHEDULE 50 DORM		
CALLOUT	SYMBOL	QUANTITY
Generic Switch	\$	50
Threeway Switch	\$ <sub>3</sub>	4

LUMINAIRE SCHEDULE 36DORM									
CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	INPUT WATTS	VOLTS	QUANTITY
A		(1) 40.5W LED	HALLWAY LIGHTS	ELECTRONIC	CEILING	LITHONIA - LBL4 4800LM EZ1 LP840 40K MVLOT	45	120V 1P 2W	7
B		(1) 28.2W LED	BEDROOM LIGHTS	ELECTRONIC	CEILING	LITHONIA - WL4 30L EZ1 LP840	31	120V 1P 2W	38

RECEPTACLE SCHEDULE 36 DORM					
CALLOUT	SYMBOL	NEMA	VOLTS	FEATURES	QUANTITY
STANDARD DUPLEX		5-20R	120V 1P 2W	GND	88

SWITCH SCHEDULE 36 DORM		
CALLOUT	SYMBOL	QUANTITY
Generic Switch	\$	36
Threeway Switch	\$ <sub>3</sub>	4

	LUMINAIRES	LED WRAPAROUND
	LAMP	LED
	LAMP OUTPUT	1 LAMP, RATED LUMENS/LAMP:4800
	BALLAST	LED ELECTRONIC DRIVER
	HOUSING	DIE FORMED AND CODE-GAUGE STEEL
	LENS	CURVED PRISMATIC DIFFUSER
	INPUT WATTAGE	40.5 W
	LUMINOUS OPENING	---
	MOUNTING	SURFACE
	EFFICIENCY	90%
	QUANTITY	19
	SPECIAL REQUIREMENTS	NA
	ACCEPTABLE PRODUCTS	LITHONIA -LBL4 48L EZ1 LP840 40K MVOLT
LOCATION: HALL WAY/LOBBY		DRAWING TYPE
		A

	LUMINAIRES	WALL BRACKET & SURFACE MOUNT LED
	LAMP	LED
	LAMP OUTPUT	1 LAMP, RATED LUMENS/LAMP:3000
	BALLAST	LED ELECTRONIC DRIVER
	HOUSING	ROLL FORMED FROM CODE-GAUGE STEEL
	LENS	IMPACT MODIFIED LINEAR FACETED REFRACTOR
	INPUT WATTAGE	28.2 W
	LUMINOUS OPENING	---
	MOUNTING	SURFACE
	EFFICIENCY	90%
	QUANTITY	90
	SPECIAL REQUIREMENTS	NA
	ACCEPTABLE PRODUCTS	LITHONIA -WL4 30L EZ1 LP840
LOCATION: BEDROOM		DRAWING TYPE
		B

D1										
ROOM 50 DORM ELECTR RM				VOLTS 208Y/120V 3P 4W		A/C 22,000				
MOUNTING SURFACE				BUS AMPS 150		MAIN BKR 150				
FED FROM UTILITY				NEUTRAL 100%		LUGS STANDARD				
NOTE										
CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT #	CKT BKR	
1	15/1	0.248	DORM1 LEFT LIGHTING	a	2	15/1	0.279	DORM2 LEFT LIGHTING	a	2
3	15/1	0.248	DORM1 RIGHT LIGHTING	a	4	15/1	0.279	DORM2 RIGHT LIGHTING	a	4
5	15/1	0.211	HALLWAY DORM1 LIGHTING	c	6	15/1	0.279	HALLWAY DORM2 LIGHTING	c	6
7	20/1	1.26	HALLWAY DORM1 RECEPTACLE	a	8	20/1	1.62	HALLWAY DORM2 RECEPTACLE	a	8
9	20/1	1.44	DORM1 LEFT RECEPTACLE	b	10	20/1	1.44	DORM1 LEFT RECEPTACLE	b	10
11	20/1	1.44	DORM1 LEFT RECEPTACLE	c	12	20/1	1.8	DORM2 LEFT RECEPTACLE	c	12
13	20/1	1.44	DORM1 RIGHT RECEPTACLE	a	14	20/1	1.44	DORM2 RIGHT RECEPTACLE	a	14
15	20/1	1.44	DORM1 RIGHT RECEPTACLE	c	16	20/1	1.62	DORM2 RIGHT RECEPTACLE	c	16
17	20/1	0.625	HEATER-1	a	18	20/1	0.625	HEATER-9	a	18
19	20/1	0.625	HEATER-2	a	20	20/1	0.625	HEATER-10	a	20
21	20/1	0.625	HEATER-3	b	22	20/1	0.625	HEATER-11	b	22
23	20/1	0.625	HEATER-4	a	24	20/1	0.625	HEATER-12	a	24
25	20/1	0.625	HEATER-5	b	26	20/1	0.625	HEATER-13	b	26
27	20/1	0.625	HEATER-6	b	28	20/1	0.625	HEATER-14	b	28
29	20/1	0.625	HEATER-7	c	30	20/1	0.625	HEATER-15	c	30
31	20/1	0.625	HEATER-8	a	32	20/1	0.625	HEATER-16	a	32
33	20/1	0.625	HEATER-26	b	34	20/1	0.625	HEATER-17	b	34
35	20/1	0.625	HEATER-27	c	36	20/1	0.625	HEATER-34	c	36
37	20/1	0.625	HEATER-28	a	38	20/1	0.625	HEATER-35	a	38
39	20/1	0.625	HEATER-29	b	40	20/1	0.625	HEATER-36	b	40
41	20/1	0.625	HEATER-30	c	42	20/1	0.625	HEATER-37	c	42
43	20/1	0.625	HEATER-31	a	44	20/1	0.625	HEATER-38	a	44
45	20/1	0.625	HEATER-32	b	46	20/1	0.625	HEATER-39	b	46
47	20/1	0.625	HEATER-33	c	48	20/1	0.625	HEATER-40	c	48
49	20/1	0	SPACE	a	50	20/1	0.625	HEATER-41	a	50
51	20/1	0	SPACE	b	52	20/1	0.625	HEATER-42	b	52
53	15/1	0.248	DORM 3 LEFT LIGHTING	c	54	20/1	1.44	DORM 3 LEFT RECEPTACLE	c	54
55	15/1	0.248	DORM 3 RIGHT LIGHTING	a	56	20/1	1.44	DORM 3 LEFT RECEPTACLE	a	56
57	15/1	0.135	HALLWAY DORM3 LIGHTING	b	58	20/1	1.44	DORM 3 RIGHT RECEPTACLE	b	58
59	20/1	1.08	HALLWAY DORM3 RECEPTACLE	c	60	20/1	1.44	DORM 3 RIGHT RECEPTACLE	c	60
61	20/1	0.625	HEATER-18	a	62	20/1	0.625	HEATER-43	a	62
63	20/1	0.625	HEATER-19	b	64	20/1	0.625	HEATER-44	b	64
65	20/1	0.625	HEATER-20	c	66	20/1	0.625	HEATER-45	c	66
67	20/1	0.625	HEATER-21	a	68	20/1	0.625	HEATER-46	a	68
69	20/1	0.625	HEATER-22	b	70	20/1	0.625	HEATER-47	b	70
71	20/1	0.625	HEATER-23	c	72	20/1	0.625	HEATER-48	c	72
73	20/1	0.625	HEATER-24	a	74	20/1	0.625	HEATER-49	a	74
75	20/1	0.625	HEATER-25	b	76	20/1	0.625	HEATER-50	b	76
77	20/1	0	SPACE	c	78	20/1	0	SPACE	c	78



THE KITCHEN IS A CONVENTIAL SYSTEM MONITORED BY MAIN F/A PANEL

SEALANT LAYDOWN

PRE-EXISTING KITCHEN HOOD SUPPRESSION SYSTEM PROVIDED

CAMP CORE (16 UN)

COLD STORAGE (X3)

STORAGE (X3)

DORM G (50 RM)

DORM F (50 RM)

DORM E (50 RM)

DORM D (50 RM)

DORM C (50 RM)

DORM B (50 RM)

DORM A (50 RM)

ONE RELAY MODULE ON EACH SIDE TO SHUT DOWN EDU'S ON EITHER END, TYPICAL

## FIRE ALARM PLAN

(SCALE: 1/16"=1'-0")

## BUILDING SECTION A-A

(SCALE: 1/16"=1'-0")

- NOTE 1:
- THE WHOLE CAMP BUILDING IS SPRINKLERED
  - THE CORE KITCHEN AREA IS PROVIDED BY AN PRE-EXISTING FIRE ALARM SYSTEM
  - THE DORM PIKE HEIGHT IS 11'-10"
  - MANUAL PULL STATION TO BE INSTALLED 1200mm-1400mm A.F.F
  - HORN/STROBE TO BE INSTALLED AT LEAST 150 mm BELOW CEILING FROM EDGE

### SYMBOLS

- MIRCOM FX-2017-12ADS MID-SIZE ADDRESSABLE FIRE ALARM CONTROL PANEL
- MIRCOM MX-225APAP AP INTELLIGENT PHOTO SMOKE DETECTOR  
C/W BZ20LPA INTELLIGENT DETECTOR BASE
- MIRCOM MX-525APAP AP INTELLIGENT THERMAL SENSOR, 190° F  
C/W BZ20LPA INTELLIGENT DETECTOR BASE
- MIRCOM MS-401AP AP SINGLE STAGE INTELLIGENT MANUAL PULL STATION
- MIRCOM MX-H500MAPA AP INTELLIGENT MONITOR MODULE
- MIRCOM MX-H500DMA INTELLIGENT DUAL INPUT MONITOR MODULE
- MIRCOM MS600APA AP INTELLIGENT RELAY OUTPUT MODULE
- MIRCOM MS600XA LINE ISOLATOR MODULE
- SURGE PROTECTION
- MIRCOM FHS-400-RB WALL MOUNT 2 WIRE WALL HORN/STROBE, STANDARD CO, RED  
C/W BB-400R BACK BOX, RED
- MIRCOM MX-H500MAPA AP INTELLIGENT MONITOR MODULE

### NOTE 2:

THERE ARE FOLLOWING SPRINKLER SYSTEM ZONES:

- TRAINING FACILITY, BOOT ROOM AND CHANGE ROOM ZONE
- CAMP CORE ZONE
- ARCTIC CORRIDOR ZONE (INCLUDE ARCTIC CORRIDOR, REC/FITNESS, WASHCAR A, WASHCAR B, WASHCAR C AND WASHCAR D)
- DORM A ZONE
- DORM B ZONE
- DORM C ZONE
- DORM D ZONE
- DORM E ZONE
- DORM F ZONE
- DORM G ZONE
- DORM H ZONE

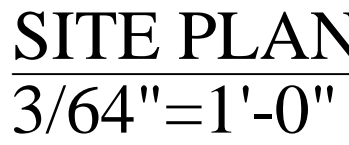
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NOTES	
REVISIONS	
DATE	DESCRIPTION
2019-10-30	Revised for approval
2019-10-30	Final
EDMONTON	
Viking Fire Protection Inc.	
3000 104th Street NW, Edmonton, Alberta T6H 1L5	
Tel: (780) 441-4000 Fax: (780) 441-3000	
DATE: 2019-10-30	
PROJECT: Buffalo Island Iron Mine Port Camp Fire Alarm	
DRAWN BY: A. HOFFMAN	
CHECK BY: A. HOFFMAN	
CONTRACT NO: VFC-01597	
SCALE: 1/16" = 1'-0"	
SHEET: 1 OF 2	
DRAWING: FAS150701B	





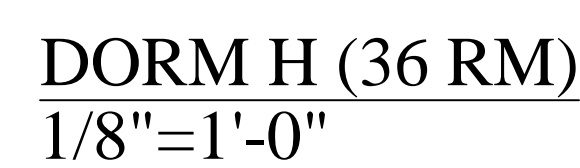




04/24/20

AS BUILT DRAWINGS





PIPES TO BE 2" SCH 10 BLACK PIPES (GROOVED ENDS) C/W WELDED  
OUTLETS FOR SPRINKLER HEADS, JOINED WITH GROOVED FITTINGS

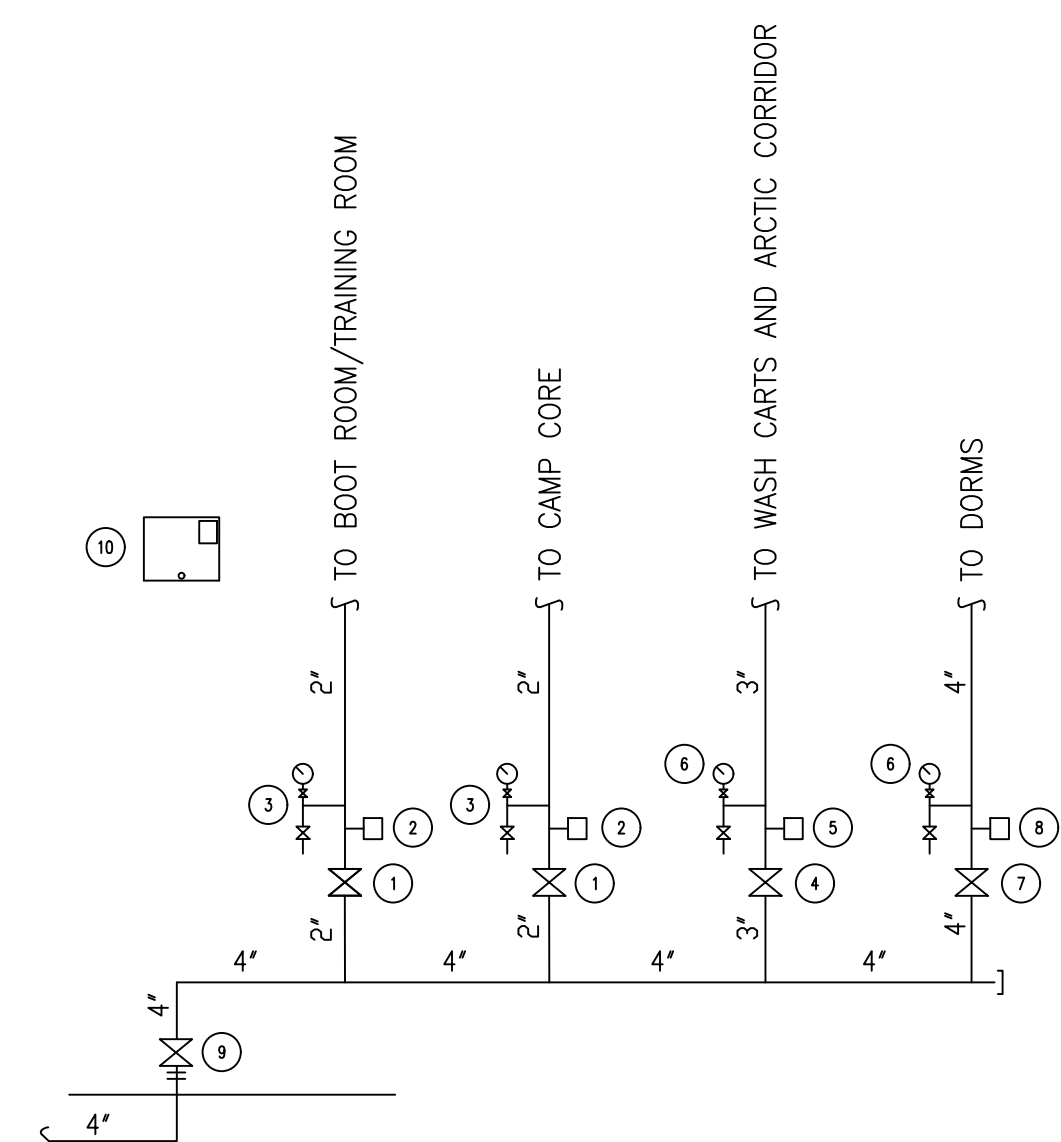
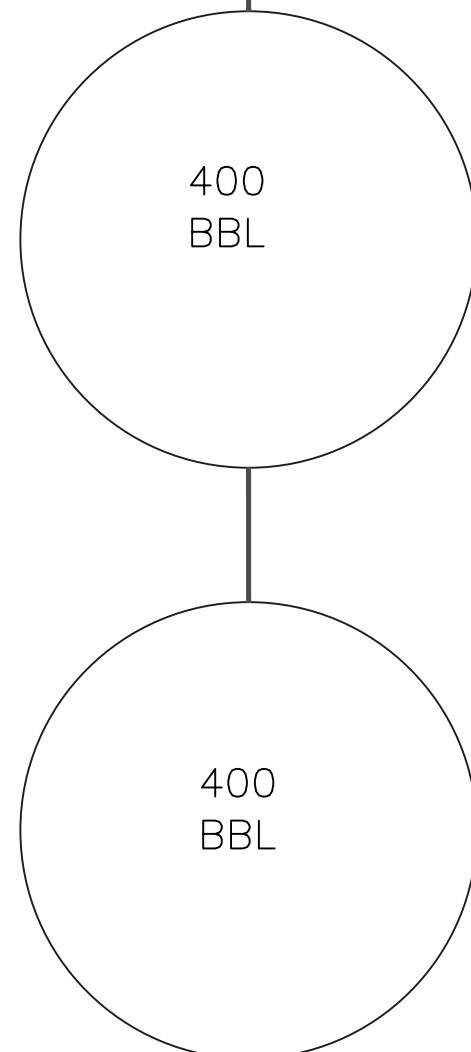
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CAMP CORE (16 UN)



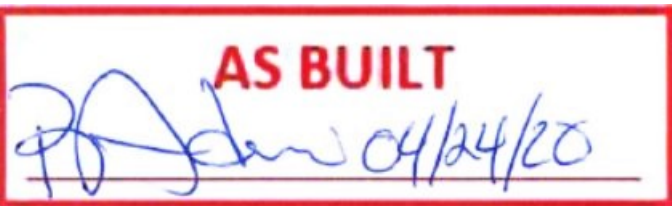
LEGEND

- 1 2" GROOVED BUTTERFLY VALVE C/W TAMPER SWITCH
- 2 2" POTTER VSR-C WATERFLOW SWITCH
- 3 1" TEST & DRAIN VALVE
- 4 3" GROOVED BUTTERFLY VALVE C/W TAMPER SWITCH
- 5 3" POTTER VSR-C WATERFLOW SWITCH
- 6 2" TEST & DRAIN VALVE
- 7 4" GROOVED BUTTERFLY VALVE C/W TAMPER SWITCH
- 8 4" POTTER VSR-C WATERFLOW SWITCH
- 9 4" SHUT OFF VALVE
- 10 VIKING 12-SPARE SPRINKLER CABINET + HEAD WRENCH

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[illegible]





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1	ISSUED FOR REVIEW	YYYY-MM-DD

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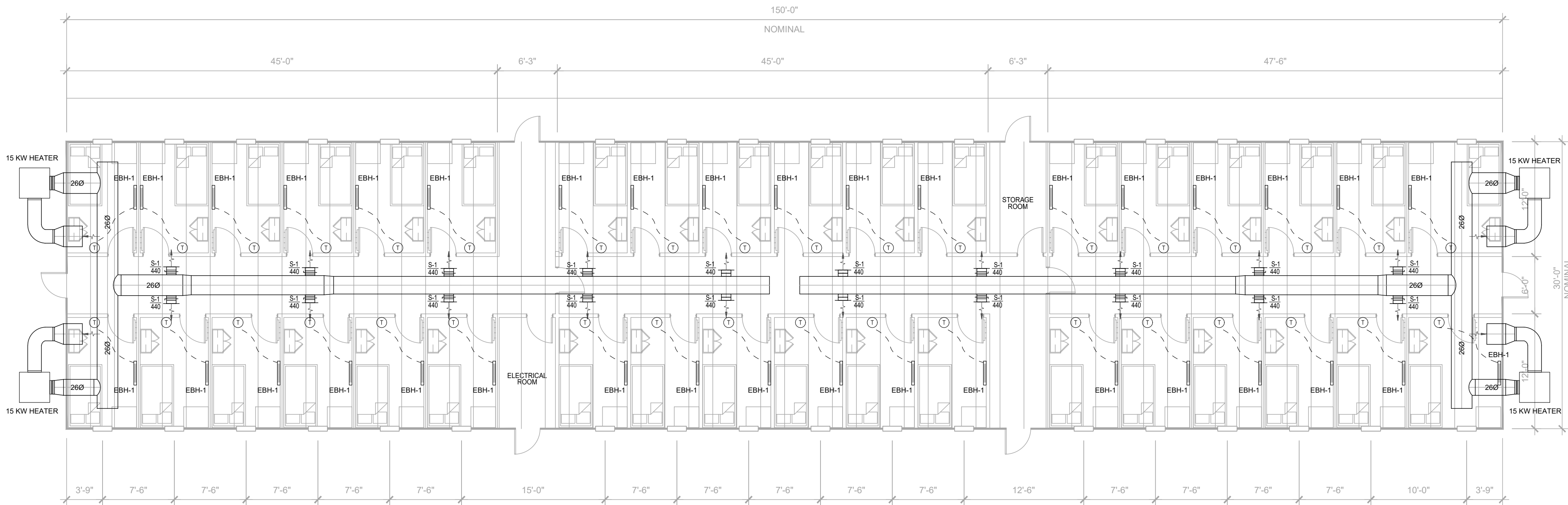
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DRAWN BY:	EFREN DALIDA / IAN ESPARES
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ENGINEER:	HAYDAR AL DAHHAN, P.ENG.
DATA FILE:	K:\Management Team Folder\Projects\2017\1170109 Baffinland Iron Mines\BUILDING DESIGN\MECHANICAL
DATE:	MAY 2017
SCALE:	1/8" = 1' - 0"

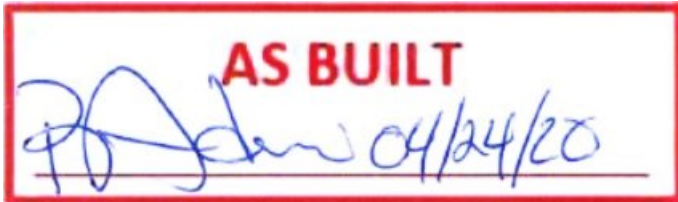
PROJECT

**Baffinland  
Iron Mines**

DESCRIPTION	
<b>Main Floor HVAC Layout (36 Person Complex)</b>	
DRAWING NO.	SHEET
<b>M2.0</b>	<b>2</b> 4



**1 Main Floor HVAC Layout (36 Person Complex)**  
M2.0 scale 1/8" = 1' - 0"



**GENERAL CONSTRUCTION NOTES:**

- DRAWINGS ARE DIAGRAMMATIC. CONTRACTORS SHALL BE RESPONSIBLE FOR CONFIRMING ALL SITE CONDITIONS AND COORDINATION WITH OTHER TRADES PRIOR TO COMMENCING WORK.
- ALL WORK AND MATERIALS SHALL COMPLY WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.
- ALL PIPING, TUBING, DUCTS, WIRING, CONDUITS, ETC. PASSING THROUGH FIRE RATED SEPARATIONS SHALL BE SMOKE AND FIRE PROOFED WITH ULC APPROVED MATERIALS IN ACCORDANCE WITH CAN4-S115 AND ASTM E814 STANDARDS AND WHICH MEET THE REQUIREMENTS OF THE PROVINCIAL BUILDING CODE.
- CONFIRM ALL REQUIREMENTS, LOCATIONS, CONDITIONS, AND DIMENSIONS PRIOR TO COMMENCING WORK. COORDINATE ALL MECHANICAL INSTALLATIONS WITH ARCHITECTURAL, STRUCTURAL AND ELECTRICAL LAYOUTS. CONFIRM EXACT LOCATIONS AND METHODS FOR PIPING, DUCTWORK AND EQUIPMENT SUPPORTS ON THE SITE PRIOR TO INSTALLATIONS.
- CEILING SPACE UTILIZED AS RETURN AIR PLENUM. PLENUM RATED SYSTEMS SHALL BE IN COMPLIANCE WITH CSA B181.2 AND CANULC S102.2. HAVE A FLAME SPREAD RATINGS OF NOT MORE THAN 25 AND SMOKE DEVELOPMENT CLASSIFICATION OF NOT MORE THAN 50 IN ACCORDANCE WITH CANULC S 102, NFPA 255 AND ASTM E84.
- ALL DUCT SIZES ARE INSIDE CLEAR DIMENSIONS, UNLESS OTHERWISE INDICATED. FOR ACOUSTICALLY LINES OR INTERNALLY INSULATED DUCTS MAINTAIN SIZES INSIDE DUCTS.





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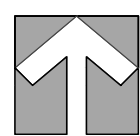
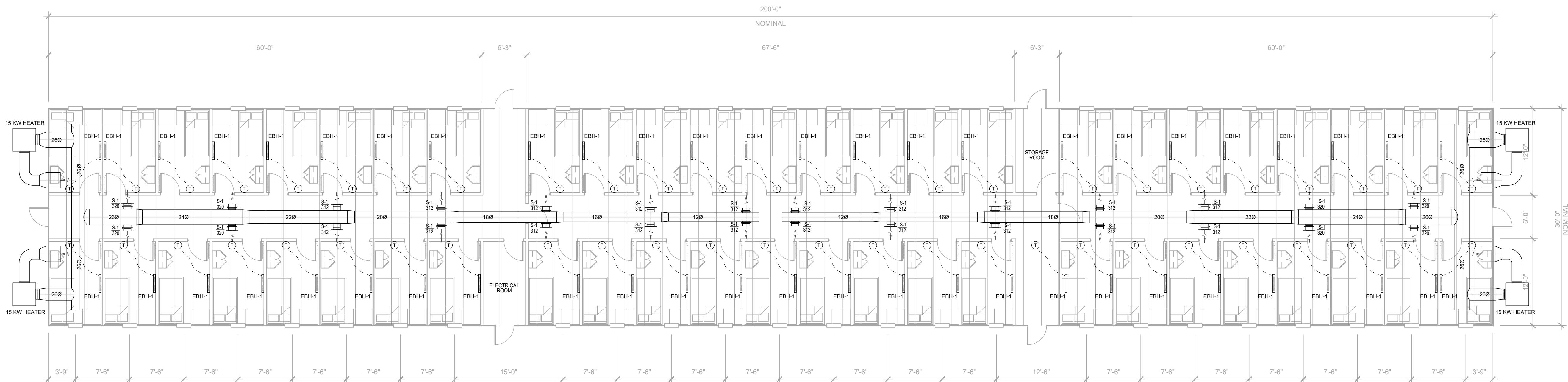
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CHECKED BY:	DALEN SCHADECK, E.I.T.
ENGINEER:	HAYDAR AL DAHHAN, P.ENG.
DATA FILE:	K:\Management Team Folder\Projects\2017\1170109 Baffinland Iron Mines\BUILDING DESIGN\MECHANICAL
DATE:	MAY 2017
SCALE:	1/8" = 1' - 0"

PROJECT

**Baffinland Iron Mines**

DESCRIPTION	
<b>Main Floor HVAC Layout (50 Person Complex)</b>	
DRAWING NO.	SHEET
<b>M2.1</b>	<b>3</b> 4



NORTH

**1 Main Floor HVAC Layout (50 Person Complex)**  
M2.0 scale 1/8" = 1' - 0"

**AS BUILT**  
*[Signature]* 04/24/20

**GENERAL CONSTRUCTION NOTES:**

- DRAWINGS ARE DIAGRAMMATIC. CONTRACTORS SHALL BE RESPONSIBLE FOR CONFIRMING ALL SITE CONDITIONS AND COORDINATION WITH OTHER TRADES PRIOR TO COMMENCING WORK.
- ALL WORK AND MATERIALS SHALL COMPLY WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.
- ALL PIPING, TUBING, DUCTS, WIRING, CONDUITS, ETC. PASSING THROUGH FIRE RATED SEPARATIONS SHALL BE SMOKE AND FIRE PROOFED WITH UL-C APPROVED MATERIALS IN ACCORDANCE WITH CAN4-S115 AND ASTM E814 STANDARDS AND WHICH MEET THE REQUIREMENTS OF THE PROVINCIAL BUILDING CODE.
- CONFIRM ALL REQUIREMENTS, LOCATIONS, CONDITIONS, AND DIMENSIONS PRIOR TO COMMENCING WORK. COORDINATE ALL MECHANICAL INSTALLATIONS WITH ARCHITECTURAL, STRUCTURAL AND ELECTRICAL LAYOUTS. CONFIRM EXACT LOCATIONS AND METHODS FOR PIPING, DUCTWORK AND EQUIPMENT SUPPORTS ON THE SITE PRIOR TO INSTALLATIONS.
- CEILING SPACE UTILIZED AS RETURN AIR PLENUM. PLENUM RATED SYSTEMS SHALL BE IN COMPLIANCE WITH CSA B181.2 AND CANULC S102.2. HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25 AND SMOKE DEVELOPMENT CLASSIFICATION OF NOT MORE THAN 50 IN ACCORDANCE WITH CANULC S 102, NFPA 255 AND ASTM E84.
- ALL DUCT SIZES ARE INSIDE CLEAR DIMENSIONS, UNLESS OTHERWISE INDICATED. FOR ACOUSTICALLY LINES OR INTERNALLY INSULATED DUCTS MAINTAIN SIZES INSIDE DUCTS.



# DesignWorks Engineering + Inspections Ltd.

## Baffinland Iron Mines Mechanical Drawing List

DESCRIPTION	DRAWING NO.	SHEET NO.
Mechanical Cover Page	M1.0	1
Main Floor HVAC Layout (36 person complex)	M2.0	2
Main Floor HVAC Layout (50 person complex)	M2.1	3
Mechanical Specifications and Schedules	M3.0	4

TOTAL GAS LOAD FOR G/M-1		
EQUIPMENT	DESCRIPTION	INPUT (MBH)
RTU-1	ROOF TOP UNIT	150
FOR FUTURE	-	1,000
TOTAL		1,150
NOTES: 2 PSIG BASED ON A PRESSURE DROP OF 1 PSIG		

MECHANICAL SYMBOL SCHEDULE	
PIPING SYSTEMS	
	BURIED SANITARY SEWER
	BURIED WATER
	SANITARY DRAIN AND WASTE
	PLUMBING VENT LINE
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN LINE
	NATURAL GAS LINE
VALVES AND FITTINGS	
	ISOLATION BALL VALVE
	UNION COUPLING
	CLEAN OUT
	PLUMBING VENT TERMINAL
FIXTURES	
	FLOOR DRAIN
	INTERIOR HOSE BIBB C/W VACUUM BREAKER
	PLUMBING FIXTURE (TYPE NOTED)
DUCTWORK	
	SUPPLY AIR REGISTERS
	SIDEWALL SUPPLY AIR OUTLETS
	CEILING RELIEF AIR INLETS
	CEILING EXHAUST AIR INLETS
	ULC RATED FIRE DAMPER INSTALLATIONS
	APPROVED TURNING VANES
	ULC RATED FLEXIBLE DUCT CONNECTORS
	ACOUSTIC LINED DUCTWORK
SYMBOLS	
	EMCS ROOM TEMPERATURE SENSOR/THERMOSTAT
	NOTES REFERENCE NUMBER
	WASTE WATER
	SOIL WATER
	TO ABOVE
	DOWN TO BELOW
	RAIN WATER

AS BUILT  
04/24/20



DesignWorks  
Engineering + Inspections Ltd.

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NOTES:  
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ENGINEER.

DO NOT SCALE THIS DRAWING.

VERIFY ALL DIMENSIONS, DATUMS, AND LEVELS PRIOR TO  
COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES  
OR OMISSIONS TO THE DESIGNER IMMEDIATELY.

ALL WORK MUST COMPLY WITH THE MOST RECENT EDITION  
OF THE APPLICABLE BUILDING CODE, AND ANY OTHER  
GOVERNING AUTHORITY.

No.	Description	Date
1	ISSUED FOR REVIEW	YYYY-MM-DD

CONTRACTOR

SEAL

CLIENT

DRAWN BY: EFREN DALIDA / IAN ESPARES

CHECKED BY: DALEN SCHADECK, E.I.T.

ENGINEER: HAYDAR AL DAHHAN, P.ENG.

DATA FILE: K:\Management Team Folder\Projects\2017  
1170109 Baffinland Iron Mines  
BUILDING DESIGN\MECHANICAL

DATE: MAY 2017

SCALE: Not To Scale

PROJECT

Baffinland  
Iron Mines

DESCRIPTION

Mechanical  
Cover Page

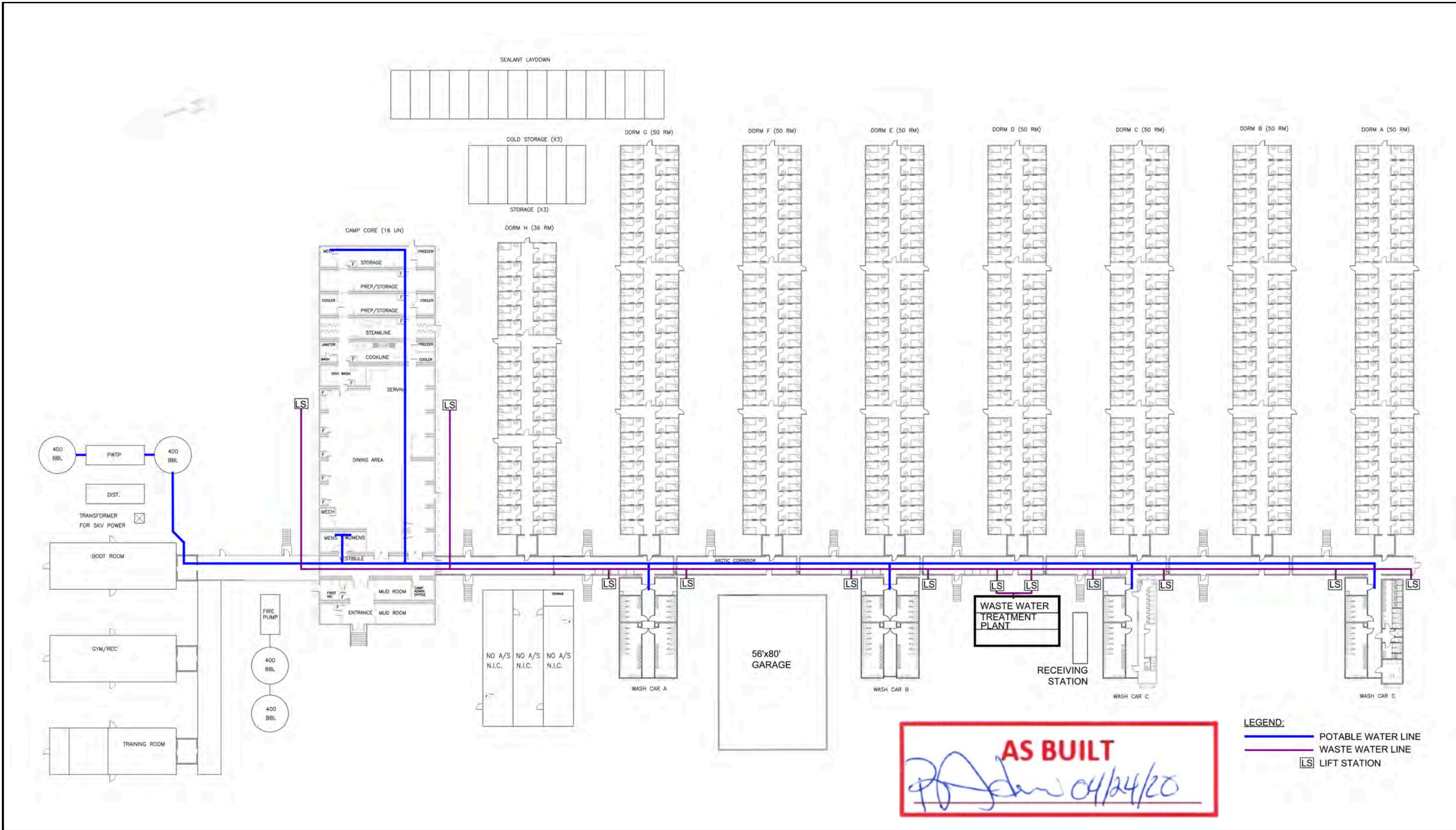
DRAWING NO.

M1.0

SHEET

1  
4





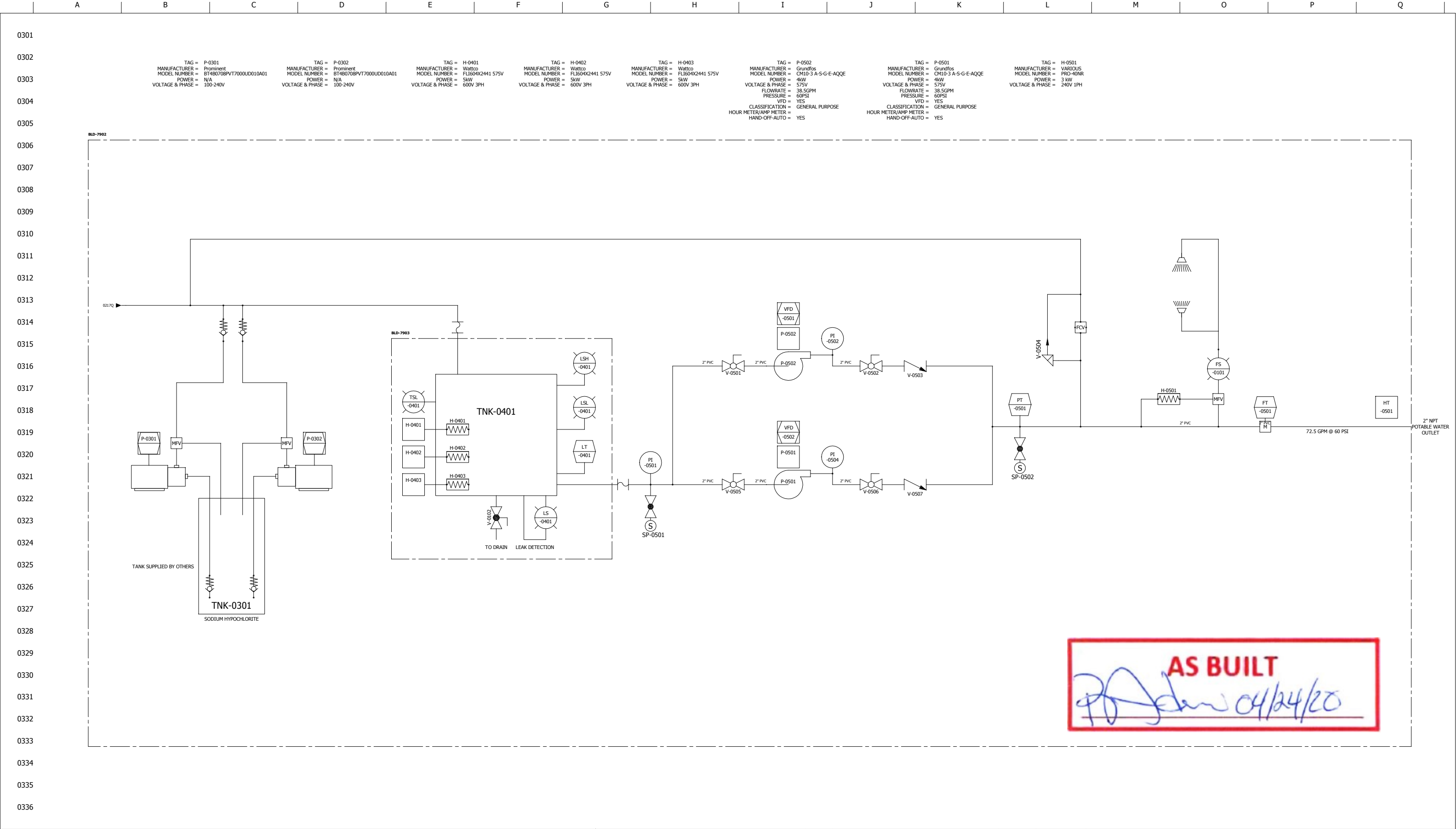
THESE DRAWINGS AND DESIGNS ARE THE SOLE PROPERTY OF HORIZON NORTH AND MAY NOT BE REPRODUCED OR SUBMITTED TO OUTSIDE PARTIES WITHOUT THE EXPRESSED WRITTEN CONSENT OF HORIZON NORTH						 HORIZON NORTH		PROJ # :	BAFFINLAND IRON MINES	DWG No.:  AF-000-010
								TN # :		
								SCALE :	386 BED PORT SITE - BAFFINLAND POTABLE & WASTE WATER INFRASTRUCTURE AS-BUILT DRAWINGS	
								DRAWN BY :		
								CHECKED :		
No.	Y	M	D	REVISION	BY	CHKD				

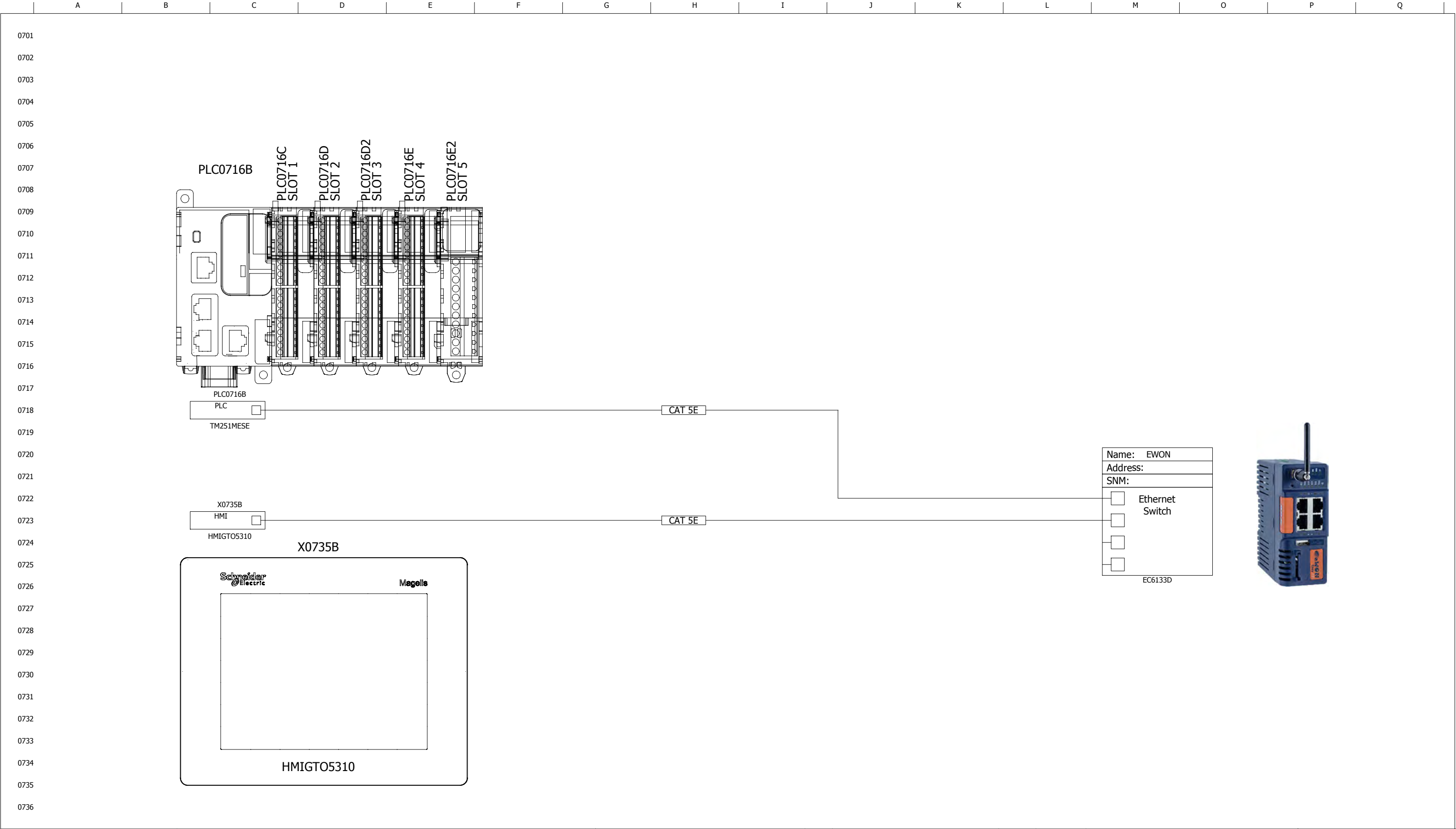


<div><div><div></div><div>FLOW SWITCH, NORMALLY CLOSED</div></div><div><div></div><div>FLOW SWITCH, NORMALLY OPEN</div></div><div><div></div><div>FLOAT SWITCH, NORMALLY CLOSED</div></div><div><div></div><div>FLOAT SWITCH, NORMALLY OPEN</div></div><div><div></div><div>LIMIT SWITCH, NORMALLY CLOSED</div></div><div><div></div><div>LIMIT SWITCH, NORMALLY OPEN</div></div><div><div></div><div>PRESSURE SWITCH, CHANGE OVER CONTACTS</div></div><div><div></div><div>PRESSURE SWITCH, NORMALLY CLOSED OPENS ON PRESSURE INCREASE</div></div><div><div></div><div>PRESSURE SWITCH, NORMALLY OPEN CLOSSES ON PRESSURE INCREASE</div></div><div><div></div><div>TEMPERATURE SWITCH, CHANGE OVER CONTACTS</div></div><div><div></div><div>TEMPERATURE SWITCH, NORMALLY CLOSED OPENS ON TEMPERATURE INCREASE</div></div><div><div></div><div>TEMPERATURE SWITCH, NORMALLY OPEN CLOSSES ON TEMPERATURE INCREASE</div></div><div><div></div><div>METAL OXIDE VARISTOR MOV</div></div><div><div></div><div>DIODE</div></div><div><div></div><div>TANDEM TERMINAL BLOCK</div></div><div><div></div><div>PANEL TERMINAL BLOCK</div></div><div><div></div><div>JUNCTION BOX TERMINAL BLOCK</div></div><div><div></div><div>CUSTOMER TERMINAL BLOCK</div></div><div><div></div><div>FUSED TERMINAL BLOCK</div></div></div> <div>TERMINALS THAT ARE JUMPERED TOGETHER HAVE THEIR JUMPERS SHOWN ON THE TERMINAL STRIP LAYOUTS</div>	<div><div><div></div><div>TOGGLE SWITCH, NORMALLY OPEN</div></div><div><div></div><div>TEMPERATURE SWITCH, NORMALLY OPEN CLOSSES ON TEMPERATURE INCREASE</div></div><div><div></div><div>PUSH BUTTON, NORMALLY CLOSED</div></div><div><div></div><div>PUSH BUTTON, NORMALLY OPEN</div></div><div><div></div><div>TEMPERATURE SWITCH, NORMALLY OPEN CLOSSES ON TEMPERATURE INCREASE</div></div><div><div></div><div>SELECTOR SWITCH, 2 POSITION 2 NORMALLY OPEN</div></div><div><div></div><div>SELECTOR SWITCH, 3 POSITION 2 NORMALLY OPEN</div></div><div><div></div><div>PILOT LIGHT, PUSH-TO-TEST X=COLOUR</div></div><div><div></div><div>BEACON LIGHT X=COLOR</div></div><div><div><div><div>X</div></div></div><div>PILOT LIGHT, X=COLOUR</div><div>A - AMBER B - BLUE G - GREEN R - RED W - WHITE</div></div><div><div></div><div>CONTACT, NORMALLY CLOSED</div></div><div><div></div><div>CONTACT, NORMALLY OPEN</div></div><div><div></div><div>TIME DELAY CONTACT, INSTANTANEOUS OPEN TIMED CLOSED ON DE-ENERGIZE</div></div><div><div></div><div>TIME DELAY CONTACT, INSTANTANEOUS CLOSE TIMED OPEN ON DE-ENERGIZE</div></div><div><div></div><div>TIME DELAY CONTACT, INSTANTANEOUS OPEN TIMED CLOSE ON ENERGIZE</div></div><div><div></div><div>TIME DELAY CONTACT, INSTANTANEOUS CLOSE TIMED OPEN ON ENERGIZE</div></div><div><div></div><div>COIL - RELAY, CONTACTOR TIMER, MOTOR STARTER</div></div></div> <div><div><div><div>AS BUILT</div><div></div><div>04/24/20</div></div></div></div>	<div><div><div></div><div>ANNUNCIATOR, HORN</div></div><div><div></div><div>ANNUNCIATOR, BUZZER</div></div><div><div></div><div>BATTERY</div></div><div><div></div><div>TRANSMITTER, 2 WIRE LOOP POWERED</div></div><div><div><div><div>INTRINSICALLY SAFE BARRIERS (NOT TO SCALE)</div><div>4 CHANNEL DISCRETE</div><div></div></div><div>2 CHANNEL ANALOG</div><div></div></div></div><div><div></div><div>PANEL METER AM=AMMETER VM=VOLT METER</div></div><div><div></div><div>ELAPSED TIME METER</div></div><div><div></div><div>CURRENT TRANSFORMER</div></div><div><div></div><div>GROUND</div></div><div><div></div><div>INSTRUMENTATION GROUND</div></div><div><div></div><div>SOLENOID</div></div><div><div></div><div>CURRENT SWITCH</div></div></div> <div><div><div></div><div>FUSED DISCONNECT X=AMP RATING</div></div><div><div></div><div>FUSE, X=AMP RATING</div></div><div><div></div><div>CIRCUIT BREAKER X=AMP RATING</div></div><div><div></div><div>COMBINATION STARTER X-X AMP=CURRENT RANGE</div></div><div><div></div><div>CONTACTOR</div></div><div><div></div><div>DISTRIBUTION BLOCK</div></div><div><div></div><div>3 PHASE MOTOR</div></div><div><div></div><div>3 PHASE HEATER</div></div><div><div></div><div>RECEPTACLE, SINGLE OUTLET</div></div><div><div></div><div>RECEPTACLE, DUPLEX</div></div></div> <div><div><div></div><div>TRANSFORMER CONTROL POWER (NOT REPRESENTATIVE OF ALL TYPES)</div></div><div><div></div><div>TRANSFORMER DISTRIBUTION/LIGHTING (NOT REPRESENTATIVE OF ALL TYPES)</div></div><div><div></div><div>DC POWER SUPPLY (NOT REPRESENTATIVE OF ALL TYPES) (NOT TO SCALE)</div></div><div><div></div><div>REACTOR</div></div><div><div><div><div>CR0917C</div><div><table><tr><td></td><td>0704B</td><td></td><td>0917F</td></tr><tr><td></td><td>0926B</td><td></td><td>0919E</td></tr><tr><td></td><td>0913F</td><td></td><td>0919F</td></tr><tr><td></td><td>0913E</td><td></td><td>0925E</td></tr></table></div></div></div><div>CROSS REFERENCE TABLE</div></div><div><div></div><div>VARIABLE FREQUENCY DRIVE (NOT REPRESENTATIVE OF ALL TYPES) (NOT TO SCALE)</div></div><div><div></div><div>CONNECTION MADE BY JUMPER BAR</div></div><div><div></div><div>GENERAL PUROSE WIRING EXTERNAL TO PANEL</div></div><div><div></div><div>CL1DIV2 WIRING EXTERNAL TO PANEL</div></div><div><div></div><div>WIRING BY OTHERS EXTERNAL TO PANEL</div></div></div> <div><div><div><div>USA 3 PHASE POWER WIRING COLOR CODE</div><div><div>480V PHASE A - BROWN PHASE B - ORANGE PHASE C - YELLOW</div><div>208/230V (HIGH LEG) PHASE A - BLACK PHASE B - RED(ORG) PHASE C - BLUE</div></div></div></div><div><div><div><div>CANADIAN 3 PHASE POWER WIRING COLOUR CODE</div><div><div>PHASE A - RED PHASE B - BLACK PHASE C - BLUE</div></div></div></div></div></div>		0704B		0917F		0926B		0919E		0913F		0919F		0913E		0925E														
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NOTES:	<div><div><div>AS BUILT</div><div></div><div>04/24/20</div></div></div>	<div><div></div><div>1291 CALIFORNIA AVE. BROCKVILLE ONTARIO CANADA K6V 5Y6  PHONE: 1-800-420-4056 www.newterra.com</div></div> <table><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>A3</td><td>UPDATED VFD</td><td>24/05/2017</td><td>ccliffe</td><td></td><td></td></tr><tr><td>A2</td><td>ADDED H-0501</td><td>24/05/2017</td><td>ccliffe</td><td></td><td></td></tr><tr><td>A1</td><td>FOR APPROVAL</td><td>24/05/2017</td><td>ccliffe</td><td></td><td></td></tr><tr><td>LEVEL</td><td>REVISION</td><td>DATE (dd/mm/yy)</td><td>BY</td><td></td><td></td></tr></table> <div><div>PROJ. NO:</div><div>1704653</div><div>TITLE AND LOCATION:</div><div>ELECTRICAL LEGEND</div><div>THIS INFORMATION IS THE PROPERTY OF newterra ltd. AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF newterra ltd.</div></div> <div><div>CUSTOMER:</div><div>Horizon North Camps &amp; Catering Baffinland Phase II</div><div><div>SCALE NTS</div><div>SHEET 4</div><div>SHEETS 7</div></div></div>							A3	UPDATED VFD	24/05/2017	ccliffe			A2	ADDED H-0501	24/05/2017	ccliffe			A1	FOR APPROVAL	24/05/2017	ccliffe			LEVEL	REVISION	DATE (dd/mm/yy)	BY		
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LEVEL	REVISION	DATE (dd/mm/yy)	BY																													



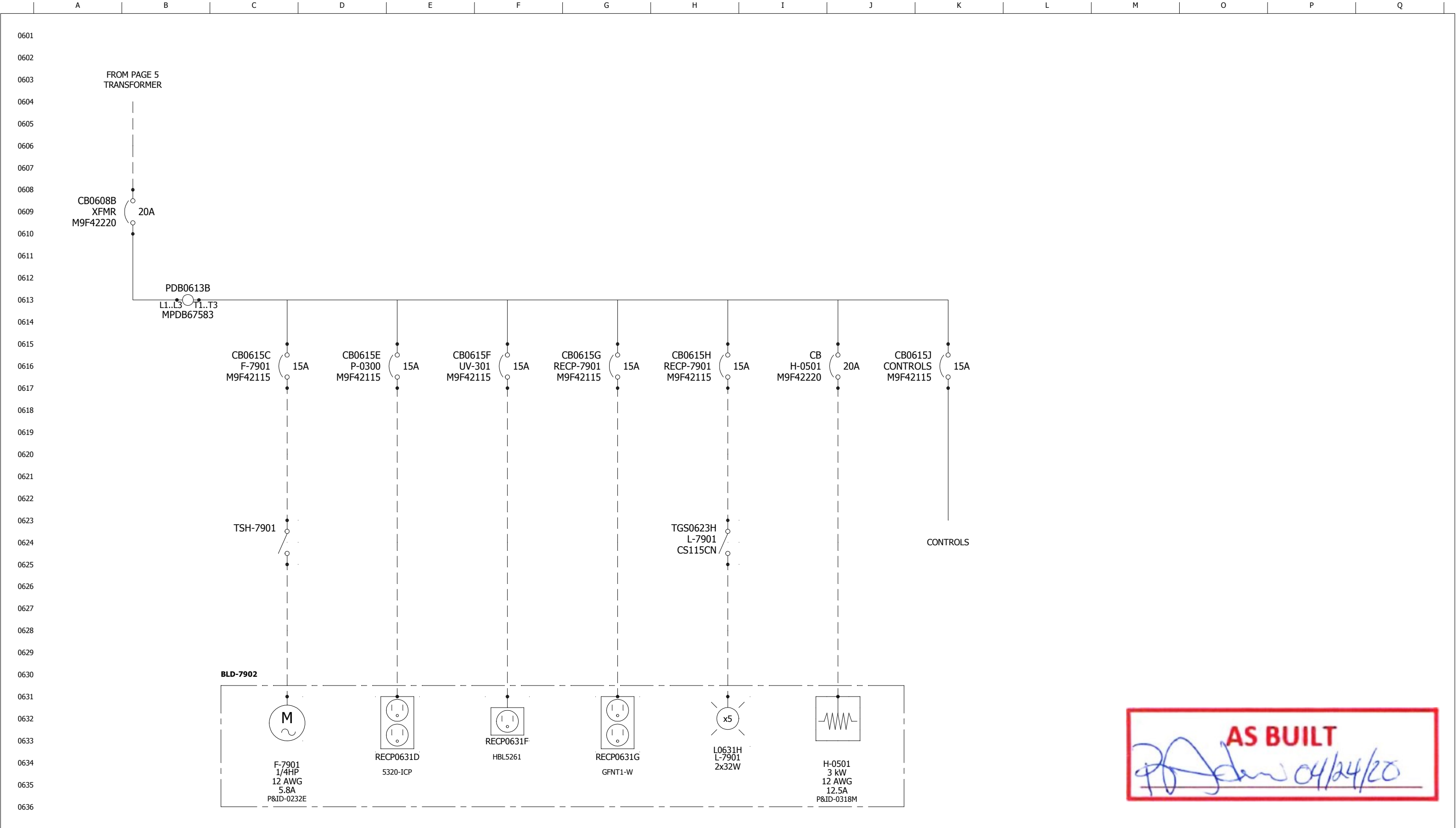
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CONTROL WIRING LEGEND  BLACK: POWER RED: 120VAC CONTROL WHITE: NEUTRAL BLUE: +24VDC & IS WIRING BLU/WHT: 0VDC YELLOW: INTERLOCKS	NOTES:	<div> 1291 CALIFORNIA AVE. BROCKVILLE ONTARIO CANADA K6V 5Y6  PHONE: 1-800-420-4056 www.newterra.com</div>					PROJ. NO:	1704653		CUSTOMER:  Horizon North Camps & Catering Baffinland Phase II			
								TITLE AND LOCATION:	PLC LAYOUT				
			A3	UPDATED VFD	24/05/2017	ccliffe			MCP				
			A2	ADDED H-0501	24/05/2017	ccliffe							
			A1	FOR APPROVAL	24/05/2017	ccliffe							
LEVEL		REVISION		DATE (dd/mm/yy)		BY	THIS INFORMATION IS THE PROPERTY OF newterra ltd. AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF newterra ltd.						
										SCALE NTS	SHEET 7	SHEETS 7	

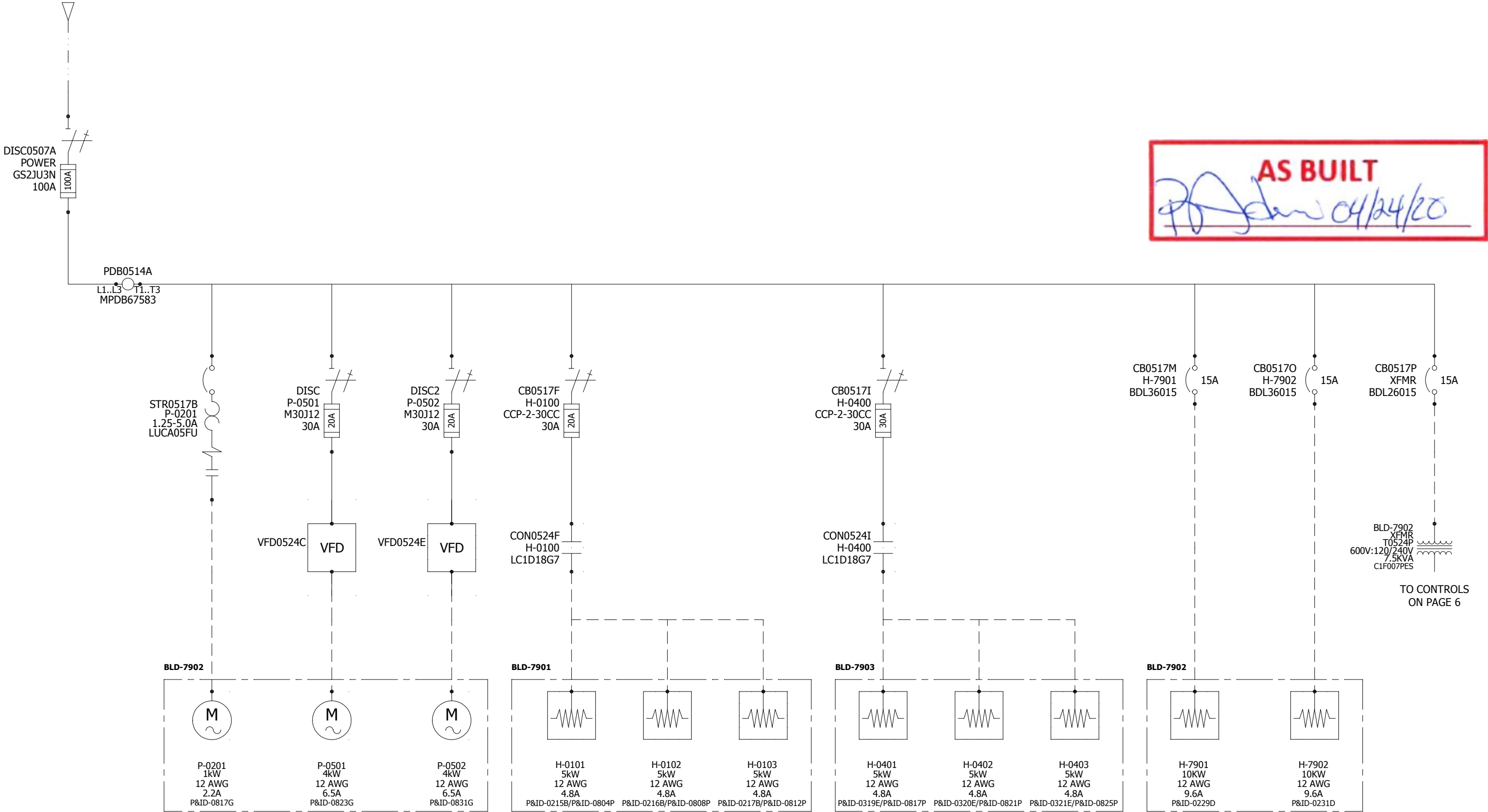




**AS BUILT**  
*[Signature]* 04/24/20

<div>CONTROL WIRING LEGEND</div> <div>BLACK: POWER</div> <div>RED: 120VAC CONTROL</div> <div>WHITE: NEUTRAL</div> <div>BLUE: +24VDC &amp; IS WIRING</div> <div>BLU/WH: 0VDC</div> <div>YELLOW: INTERLOCKS</div>	NOTES:	<div><div>1291 CALIFORNIA AVE. BROCKVILLE ONTARIO CANADA K6V 5Y6</div><div>PHONE: 1-800-420-4056 www.newterra.com</div></div>					PROJ. NO:	1704653		CUSTOMER:  Horizon North Camps & Catering Baffinland Phase II		
									TITLE AND LOCATION: SINGLE LINE DIAGRAM - 120V			
			A3	UPDATED VFD	24/05/2017	ccliffe	MCP		THIS INFORMATION IS THE PROPERTY OF newterra ltd. AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF newterra ltd.			
			A2	ADDED H-0501	24/05/2017	ccliffe						
			A1	FOR APPROVAL	24/05/2017	ccliffe						
			LEVEL	REVISION		DATE (dd/mm/yy)	BY	SCALE NTS			SHEET 6	SHEETS 7

CUSTOMER POWER SUPPLY  
SEE SPECIFICATION PAGE



NOTES:

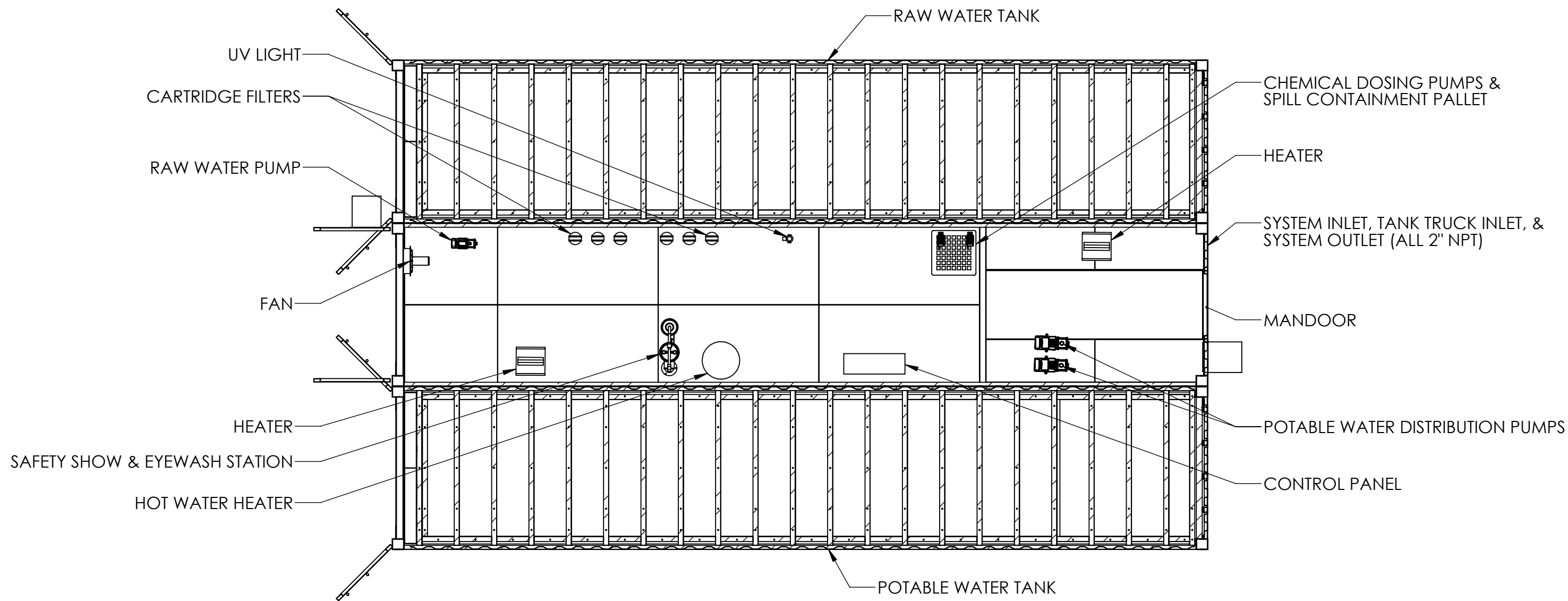


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BROCKVILLE ONTARIO  
CANADA K6V 5Y6

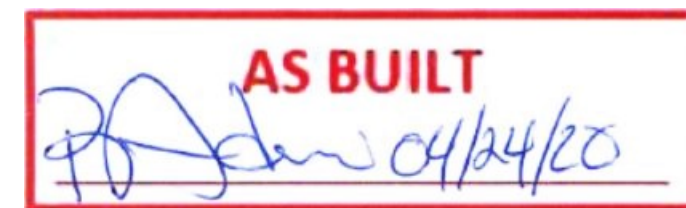
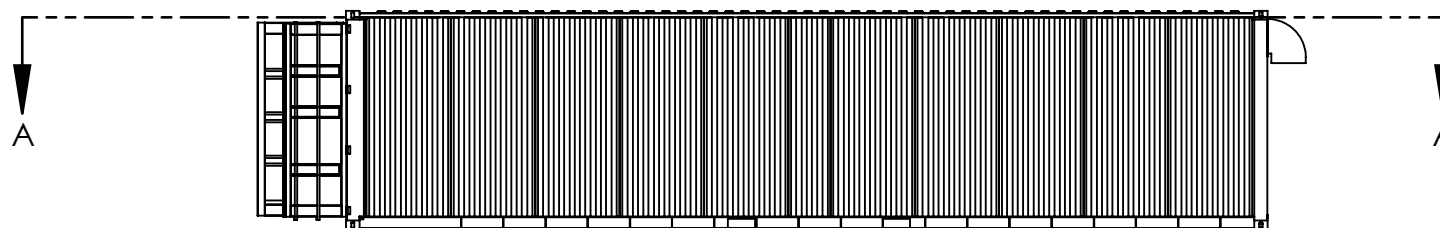
PHONE: 1-800-420-4056  
www.newterra.com

LEVEL	REVISION	DATE (dd/mm/yy)	BY
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A2	ADDED H-0501	24/05/2017	ccliffe
A1	FOR APPROVAL	24/05/2017	ccliffe

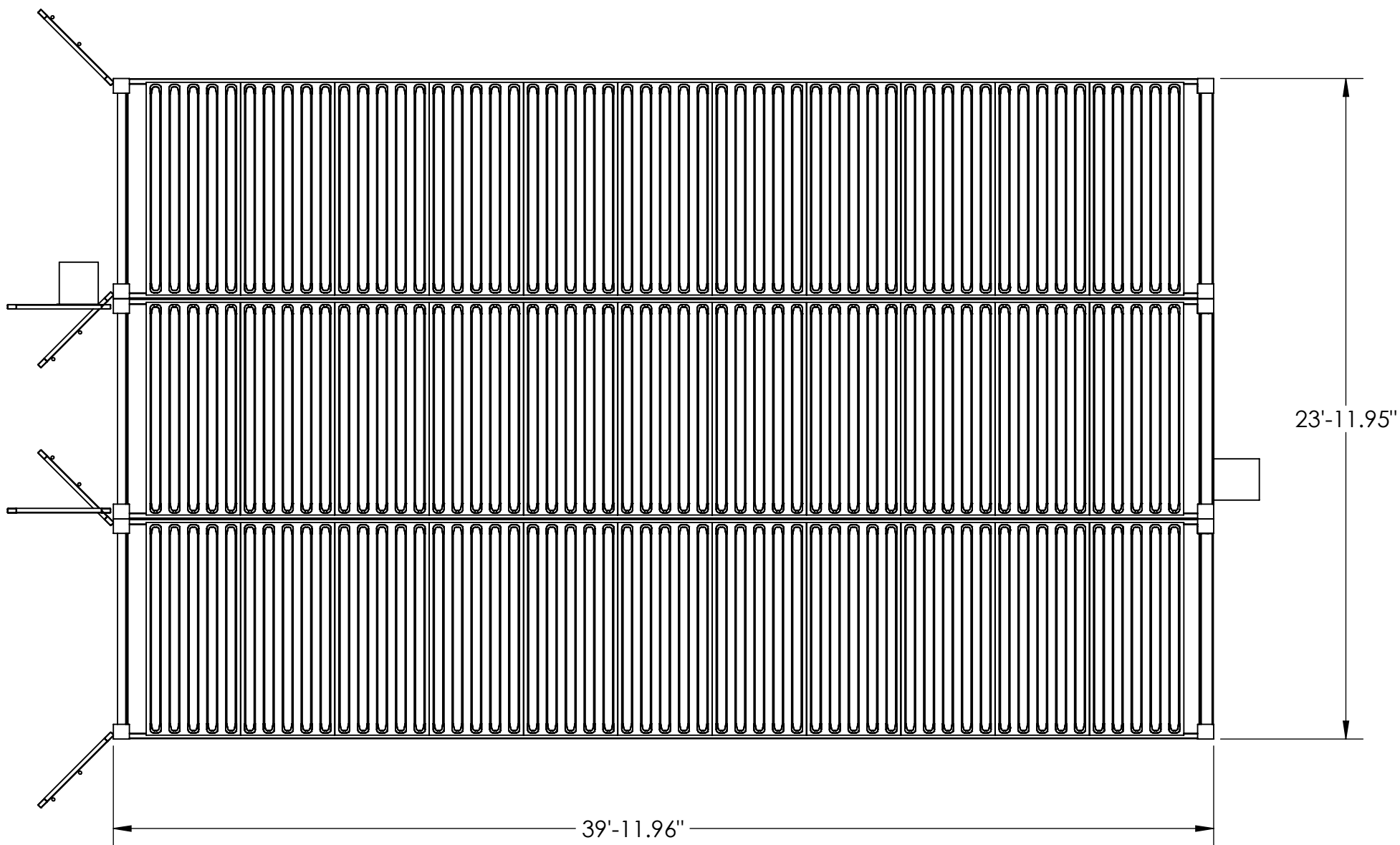
PROJ. NO:	1704653	CUSTOMER:	Horizon North Camps & Catering Baffinland Phase II
TITLE AND LOCATION:	SINGLE LINE DIAGRAM - 600V	SCALE NTS	SHEET 5
	MPP		SHEETS 7
THIS INFORMATION IS THE PROPERTY OF newterra ltd. AND CANNOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF newterra ltd.			



SECTION A-A

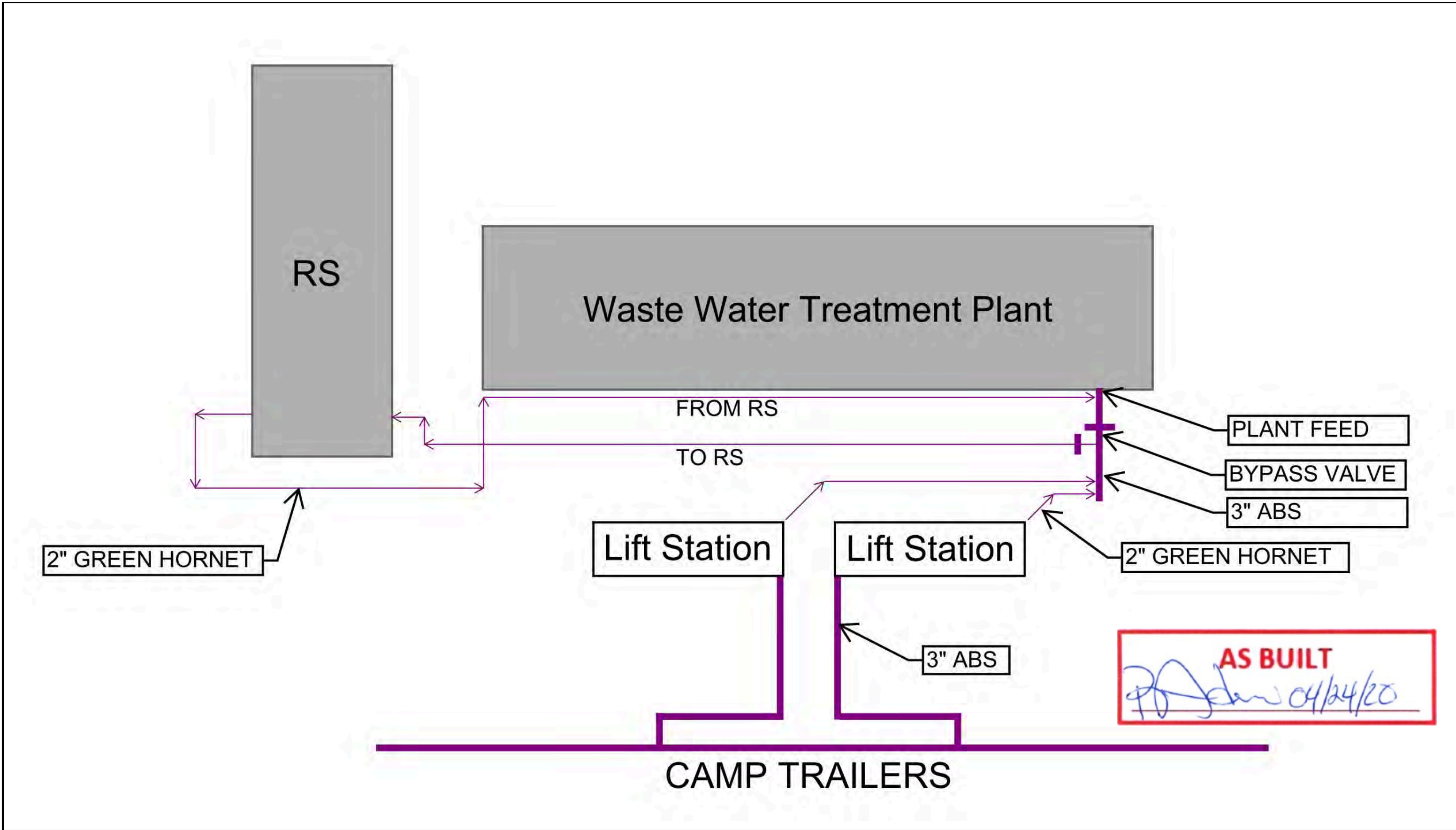


<div> newterra</div>	GENERAL TOLERANCES		STATUS				DRAWING TITLE:		DRAWING NUMBER:	
	.XX ± 1/8"		FOR SUBMITTAL				SYSTEM LAYOUT		17-07560	
	.XXX ± 1/16"		LEVEL:	REVISED BY:	REVISED ON:	APPROVED BY:	APPROVED ON:	PROJECT TITLE:	PROJECT NUMBER:	
			A-01	AH	5/23/2017	PDMA	5/23/2017	Horizon North - Baffinland Phase II	1704653	
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		THIS INFORMATION IS THE PROPERTY OF newterra AND CANNOT BE REUSED OR REPRODUCED WITHOUT WRITTEN CONSENT.				CUSTOMER:		DRAWN BY:	
						Horizon North		AH		
								DATE:		
								5/23/2017		
								SHEET 1 OF 2		



**AS BUILT**  
*[Signature]* 04/24/20

 <div>GENERAL TOLERANCES .XX ± 1/8 " .XXX ± 1/16 "  UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</div>	STATUS					DRAWING TITLE:		DRAWING NUMBER:	
	FOR SUBMITTAL					SYSTEM LAYOUT		17-07560	
	LEVEL:	REVISED BY:	REVISED ON:	APPROVED BY:	APPROVED ON:	PROJECT TITLE:		PROJECT NUMBER:	
	A-01	AH	5/23/2017	PDMA	5/23/2017	Horizon North - Baffinland Phase II		1704653	
	THIS INFORMATION IS THE PROPERTY OF newterra AND CANNOT BE REUSED OR REPRODUCED WITHOUT WRITTEN CONSENT.					CUSTOMER:		DRAWN BY:	
					Horizon North		AH		
							DATE:		
							5/23/2017		
							SHEET 2 OF 2		



THESE DRAWINGS AND DESIGNS ARE THE SOLE PROPERTY OF HORIZON NORTH AND MAY NOT BE REPRODUCED OR SUBMITTED TO OUTSIDE PARTIES WITHOUT THE EXPRESSED WRITTEN CONSENT OF HORIZON NORTH						 <b>HORIZON NORTH</b>	PROJ # :	<b>BAFFINLAND IRON MINES</b>		DWG No.:  <b>AF-000-010</b>	
							TN # :				
							SCALE :	<b>386 BED PORT SITE - BAFFINLAND WASTE WATER DIAGRAMS AS-BUILT DRAWINGS</b>			
							DRAWN BY :				
							CHECKED :				
No.	Y	M	D	REVISION	BY	CHKD					



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REVISIONS

DATE (YY.MM.DD)	DRAWN BY	APPROVED BY	REV
19.02.07	M.Z.	J.P.M.	IFA

CLIENT:



PROJECT:

HORIZON NORTH CAMPS AND  
CATERING: BAFFIN WWTP  
PIPING AND INSTRUMENTATION  
DIAGRAMS

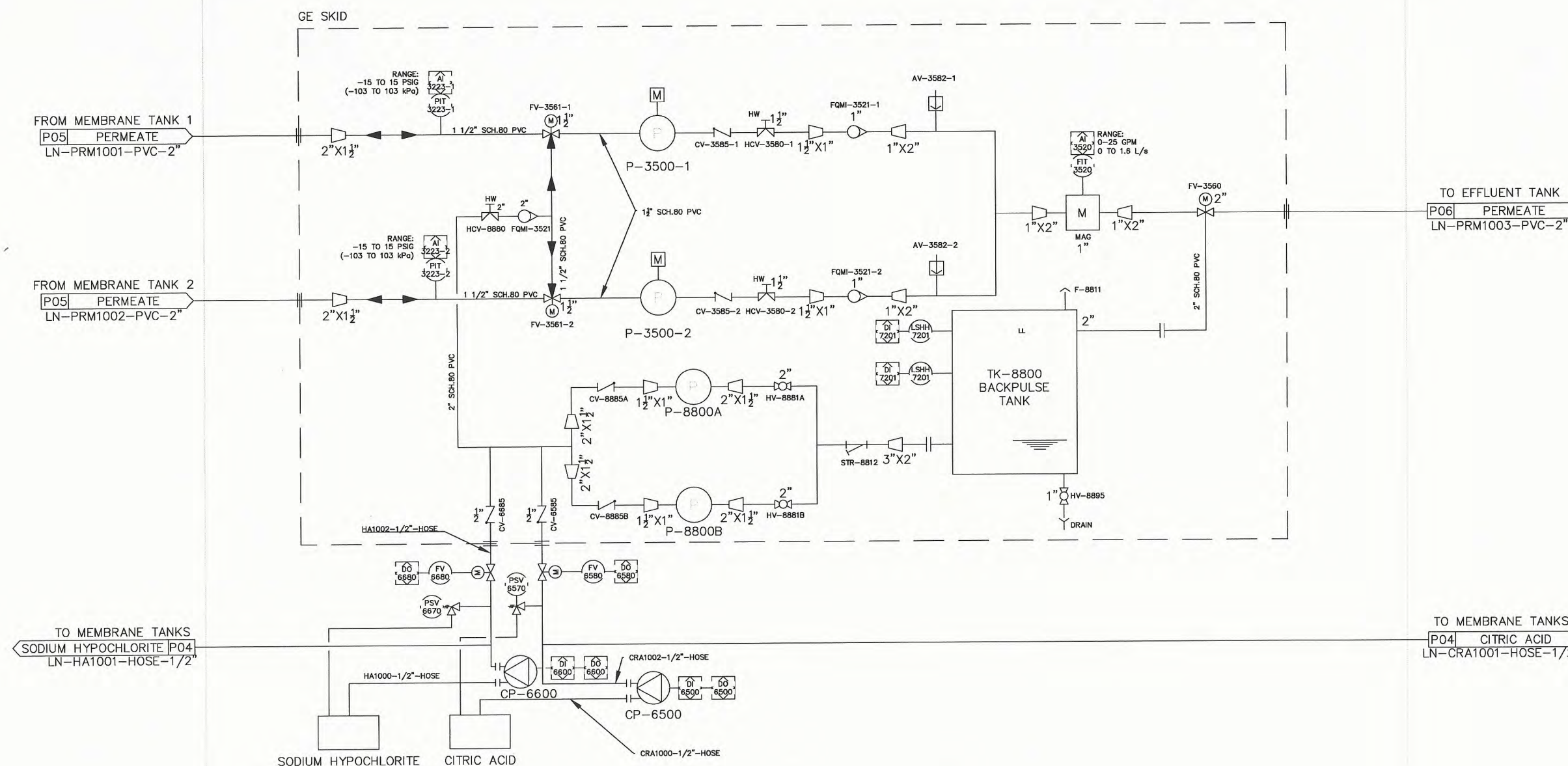
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CHEMICAL ADDITION AND MEMBRANE  
BACKPULSE SKID

DRAWN BY: M.Z.  
SCALE: NTS

PAGE:  
DRAWING:  
NAPEG PERMIT: P 940

P07 OF P07  
214.09.P07



**P-3500-1/2**  
PERMEATE PUMP #1 AND #2  
AVG. FLOW: 24 USGPM @ 40 FT HEAD  
MAX. FLOW: 34 GPM @ 40 FT HEAD  
1.9 L/s @ 15.4m TDH  
0.5HP @ 3450 RPM  
480V/3PH/60Hz

**P-8800A/B**  
BACKPULSE PUMP A AND B  
DUTY/STANDBY  
56 GPM @ 25 FT TDH  
0.9 L/s @ 7.6m TDH  
1HP @ 3450 RPM  
480V/3PH/60Hz

**CP-6600**  
SODIUM HYPOCHLORITE METERING  
PUMP  
BLUE-WHITE  
FLEX-PRO A3  
PERISTALTIC PUMP

**CP-6500**  
CITRIC ACID METERING PUMP  
BLUE-WHITE  
FLEX-PRO A3  
PERISTALTIC PUMP

**TK-8800**  
BACKPULSE TANK  
LLD POLYETHYLENE  
37"Ø X 40.5"H  
204 USGAL

**AS BUILT**

*[Signature]* 04/24/20

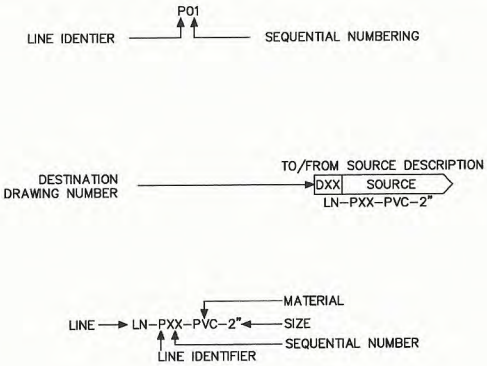


GENERAL NOTES

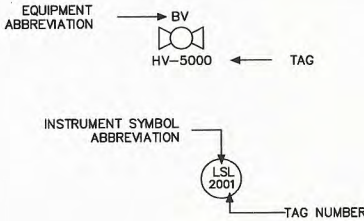
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3. SCALE IS NOT VALID FOR ELECTRONICALLY TRANSMITTED AND REPRINTED DOCUMENTS (.PDF)
5. P&ID, AND PIPE DIMENSIONS TO BE FIELD VERIFIED BY CONTRACTOR.

LINE IDENTIFIER	
SYSTEM	DESCRIPTION
MBF	MEMBRANE
PRM	PERMEATE
HA	SODIUM HYPOCHLORITE
CRA	CITRIC ACID
PRA	PRESSURIZED AIR
TRW	TREATED WATER
SPW	SCREEN PROCESS WATER
ML	MIXED LIQUOR
RAS	RECYCLED ACTIVATED SLUDGE
WAS	WASTE ACTIVATED SLUDGE
SN	SLUDGE
O/F	OVERFLOW
EQ	EQUALIZATION
LN	LINE

LINE IDENTIFICATION



EQUIPMENT IDENTIFICATION



VALVE SYMBOLS LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	ARV	AIR RELEASE VALVE
	AV	AIR VALVE
	BV	BALL VALVE
	CV	CHECK VALVE
	DV	DIAPHRAGM VALVE
	FCV/HCV	FLOW/HAND CONTROL VALVE
	GV	GATE VALVE
	GLV	GLOBE VALVE
	PRV/PSV	PRESSURE RELIEF VALVE PRESSURE SUSTAINING VALVE
	FV	MOTORIZED 3-WAY CONTROL VALVE
	SV	SOLENOID VALVE
	TV	THROTTLE VALVE

FLUID-MOVER SYMBOLS LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	P	PUMP
	B	BLOWER
	C	PERISTALTIC PUMP

ABBREVIATIONS

FLOW	
FAL	FLOW ALARM LOW
FC	FLOW CONTROLLER
FE	FLOW ELEMENT
FIC	FLOW INDICATING CONTROLLER
FIT	FLOW INDICATING TRANSMITTER
FQMI	FLOW INDICATING TOTALIZING AND METERING
FR	FLOW RECORDER
O/F	FLOW OVERFLOW
LEVEL	
LT	LEVEL TRANSMITTER
LC	LEVEL CONTROL
LE	LEVEL ELEMENT
LIC	LEVEL INDICATING CONTROLLER
LIT	LEVEL INDICATING TRANSMITTER
LHW	HIGH WATER LEVEL
LL	LOW WATER LEVEL
LNW	NORMAL WATER LEVEL
LOE	LOSS OF ECHO
LS	LEVEL SWITCH
LSH	LEVEL SWITCH HIGH
LSHH	LEVEL SWITCH HIGH HIGH
LSL	LEVEL SWITCH LOW
LSLL	LEVEL SWITCH LOW LOW

PRESSURE	
PI	PRESSURE INDICATOR
PIT	PRESSURE INDICATOR TRANSMITTER
PRV	PRESSURE RELIEF VALVE
PSV	PRESSURE SUSTAINING VALVE

QUALITY	
DO	DISSOLVED OXYGEN
DI	DISSOLVED OXYGEN INDICATOR

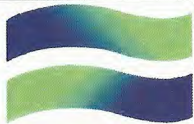
EQUIPMENT	
S	SAMPLE / SOLENOID
F	FILTER
SCR	SCREEN
TK	TANK
SSF	DECANT FLOAT
UV	ULTRA VIOLET TREATMENT UNIT
SSF	DECANT FLOW

PIPING CONNECTIONS LEGEND

SYMBOL	DESCRIPTION
	CAPPED END
	CONCENTRIC REDUCER
	DRAIN OUTLET
	ECCENTRIC REDUCER
	FLANGED CONNECTION
	COUPLER CONNECTION
	CAMLOCK CONNECTION

MISC. EQUIPMENT SYMBOLS LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	FQMI	ROTAMETER
	S	SAMPLE PORT
	YS	Y STRAINER
	M	METER



**BANNER**

environmental engineering consultants ltd.

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REVISIONS

DATE (YY.MM.DD)	DRAWN BY	APPROVED BY	REV
19.02.07	M.Z.	J.P.M.	IFA

CLIENT:



**HORIZON NORTH**

PROJECT:

HORIZON NORTH CAMPS AND  
CATERING: BAFFIN WWTP  
PIPING AND INSTRUMENTATION  
DIAGRAMS

DRAWING NAME:

LEGEND

DRAWN BY: M.Z.  
SCALE: NTS

PAGE:  
DRAWING:  
NAPEG PERMIT: P 940

P02 OF P07  
214.09.P02



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DATE (YY.MM.DD)	DRAWN BY	APPROVED BY	REV
19.02.07	M.Z.	J.P.M.	IFA

CLIENT:



PROJECT:

HORIZON NORTH CAMPS AND  
CATERING: BAFFIN WWTP  
PIPING AND INSTRUMENTATION  
DIAGRAMS

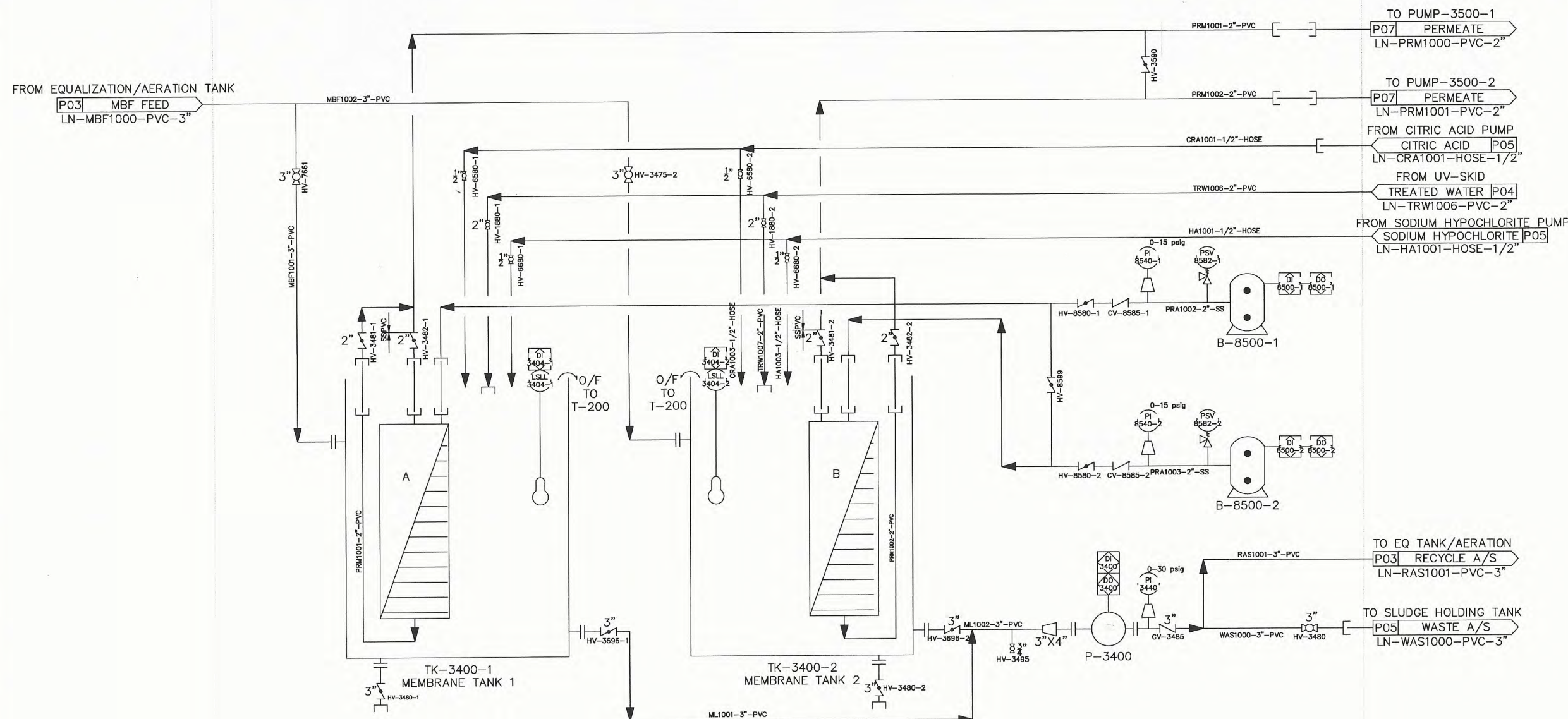
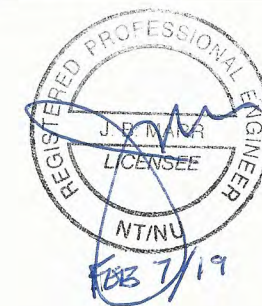
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P04 OF P04  
214.09.P04





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REVISIONS

DATE (YY.MM.DD)	DRAWN BY	APPROVED BY	REV
19.02.07	M.Z.	J.P.M.	IFA

CLIENT:



**HORIZON NORTH**

PROJECT:

HORIZON NORTH CAMPS AND  
CATERING: BAFFIN WWTP  
PIPING AND INSTRUMENTATION  
DIAGRAMS

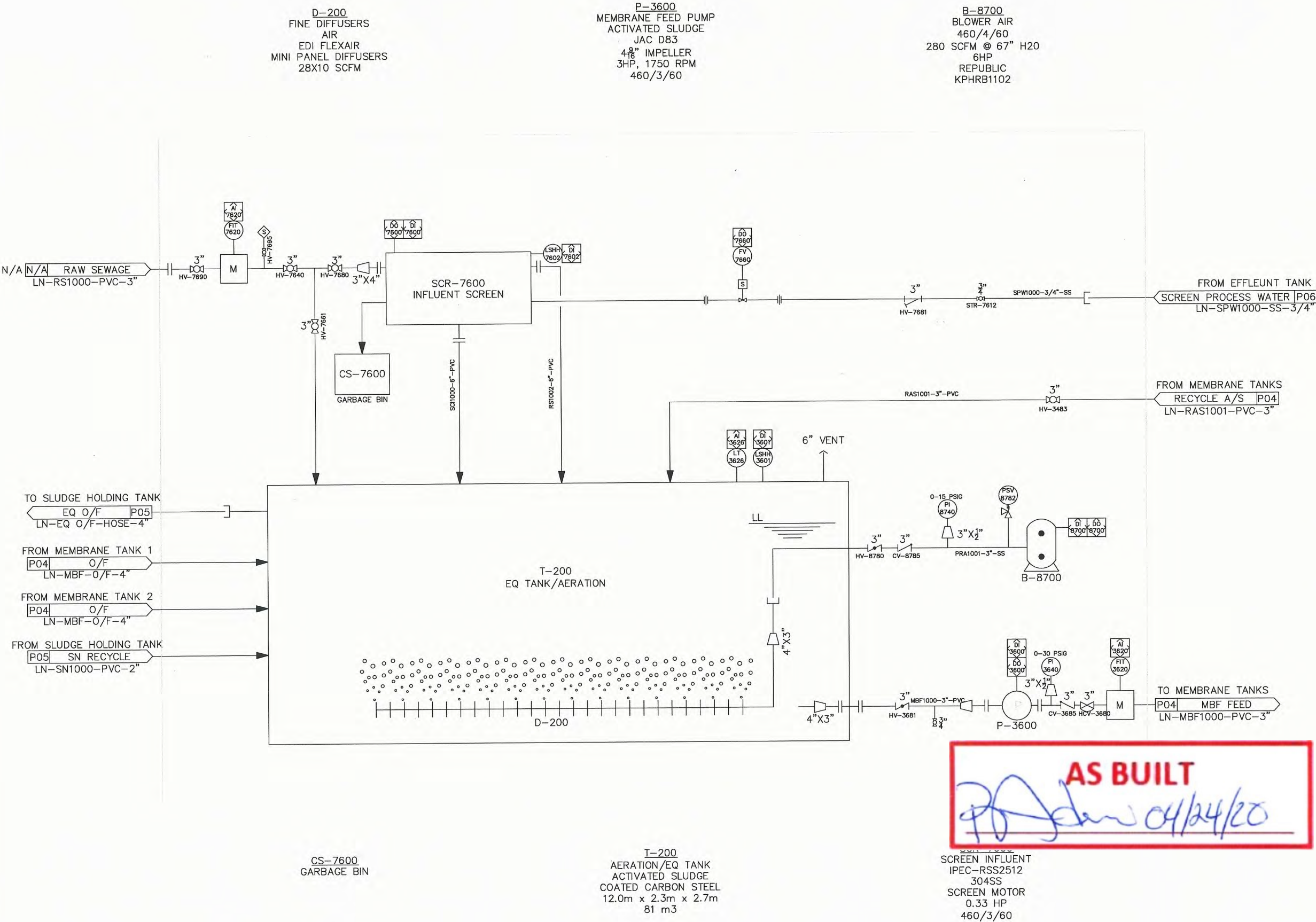
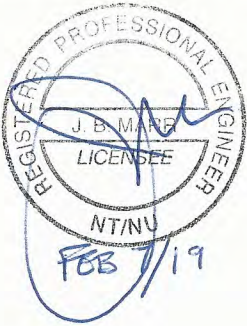
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P03 OF P03  
214.09.P01



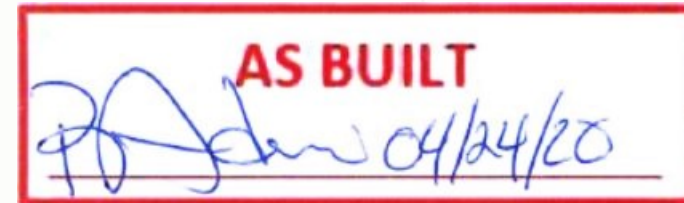




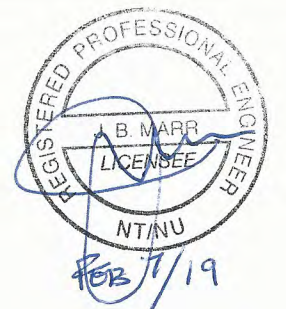
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P05 OF P05  
214.09.P05



B-8200  
SLUDGE BLOWER  
AIR  
73 SCFM @ 108" H<sub>2</sub>O  
460/3/60  
3.5HP  
REPUBLIC-KPH8402







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## HORIZON NORTH

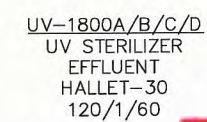
HORIZON NORTH CAMPS AND  
CATERING: BAFFIN WWTP  
PIPING AND INSTRUMENTATION  
DIAGRAMS

#### UV DISINFECTION AND FINAL EFFLUENT

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SCALE: NTS

PAGE:  
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NAPEG PERMIT: P 940

P06 OF P06  
214.09.P06



**AS BUILT**

04/24/20

# **Appendix B**

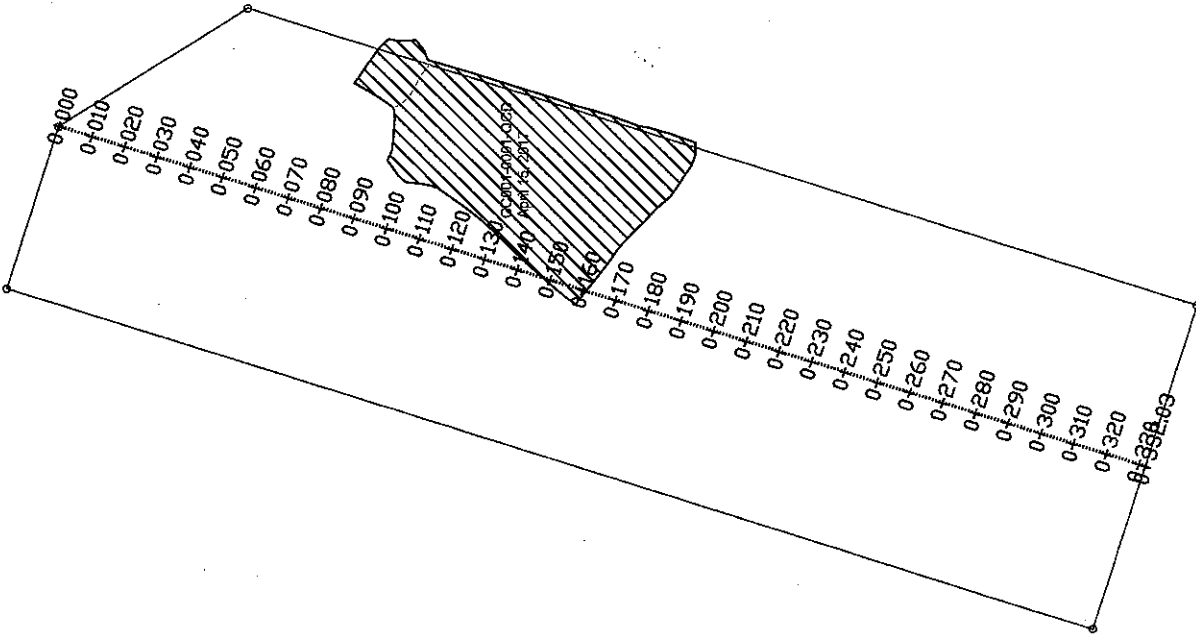
## **Earthworks Data**



**Nuna East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Surface/Sub-grade Preparation Approval - <u>Refer to attached document.</u>
<b>Date of Inspection:</b>	<u>April 15<sup>th</sup>, 2017</u>
<b>Parties Present at Inspection:</b>	<u>Leonel Dabor,</u>

<b>Comments:</b>
<p>A visual inspection of the Milne Port Camp Pad surface/sub-grade <u>refer to attached doc.</u> was conducted prior to placement of fill Material.</p> <p>Sub-grade: The snow and ice in the area was cleared as described and according to the employer satisfaction.</p> <p>The outlined area is approved for placement of material.</p>

<b>Permission to Proceed:</b>			
The area and instruction described above is acceptable, the contractor is released to proceed with construction.			
<b>NEL Representative:</b>	<u>Leonel Dabor</u> Name	<u>[Signature]</u> Signature	<u>2017-04-15</u> Date
<b>HATCH Representative:</b>	<u>Paul FARRELL</u> Name	<u>[Signature]</u> Signature	<u>2017/04/17</u> Date



<b>Legend:</b>  Subgrade Surface Preparation Approval  Eral Grade Design Code T-115 4m3 1333004-0000-220-272-000-0001 Shaded area on Original Ground approved for RCD Type 12 Placement	 <b>CLIENT:</b> Nuna East Ltd. 9839 - 31 Avenue Edmonton, AB T6N 1C5	<b>PROJECT:</b> Baffinland Early Works Project	<b>PREPARED BY:</b> 	<b>DRAWING TITLE:</b> Subgrade Surface Preparation Approval Milne Port Camp Pad CC001-0001-QCD	
			<b>DRAWN BY:</b> mc	<b>SCALE:</b> barscale	<b>DATE:</b> Apr 15, 2017

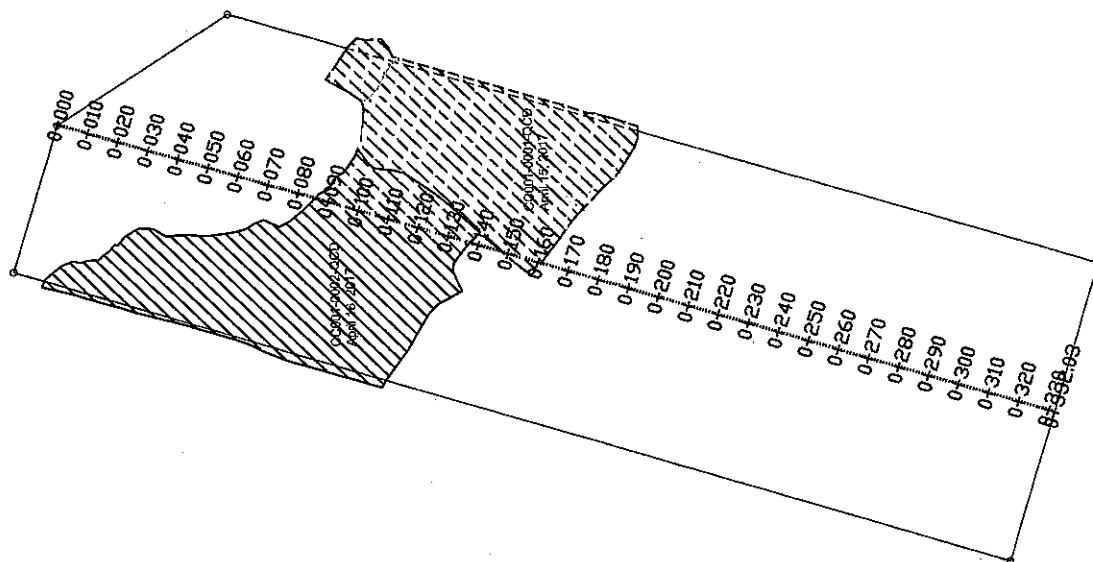
**Nuna East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**


<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Surface/Sub-grade Preparation Approval - <u>refer to attached document for section</u>
<b>Date of Inspection:</b>	<u>April 16<sup>th</sup> 2017</u>
<b>Parties Present at Inspection:</b>	<u>Leonel Dabor</u>

<b>Comments:</b>
<p>A visual inspection of the Milne Port Camp Pad surface/sub-grade <u>refer to attached document</u> was conducted prior to placement of fill Material.</p> <p>Sub-grade: The snow and ice in the area was cleared as described and according to the employer satisfaction.</p> <p>The outlined area is approved for placement of material.</p>

<b>Permission to Proceed:</b>			
The area and instruction described above is acceptable, the contactor is released to proceed with construction.			
<b>NEL Representative:</b>	<u>Leonel Dabor</u> Name	<u>[Signature]</u> Signature	<u>2017-04-16</u> Date
<b>HATCH Representative:</b>	<u>Paul FARRELL</u> Name	<u>[Signature]</u> Signature	<u>2017-04-17</u> Date





<b>Legend:</b> Subgrade Surface Preparation Approval		<b>CLIENT:</b> Nuna East Ltd. 9839 - 31 Avenue Edmonton, AB T6N 1C5		<b>PROJECT:</b> Baffinland Early Works Project	
<b>Subgrade Surface Preparation Approval</b> Milne Port Camp Pad CC001-0002-QCD		<b>PREPARED BY:</b> 		<b>DRAWN BY:</b> mc	
<b>DRAWING TITLE:</b> Subgrade Surface Preparation Approval Milne Port Camp Pad CC001-0002-QCD		<b>SCALE:</b> barscale		<b>DATE:</b> Apr 17, 2017	
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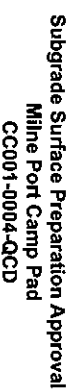
Final Grade Design: Class 11-15 Single H35-2004-0000-220-272-0004-0001  
Show removal on Original Ground approved for R00 Type 12 Placement

**Nuna East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Surface/Sub-grade Preparation Approval - <i>refer to attached document for Section</i>
<b>Date of Inspection:</b>	<i>April 18<sup>th</sup>, 2017</i>
<b>Parties Present at Inspection</b>	<i>Leonel Dabor, Paul Farrell</i>

<b>Comments:</b>
<p>A visual inspection of the Milne Port Camp Pad surface/sub-grade <i>refer to attached document</i> was conducted prior to placement of fill Material.</p> <p>Sub-grade: The snow and ice in the area was cleared as described and according to the employer satisfaction.</p> <p>The outlined area is approved for placement of material.</p>

<b>Permission to Proceed:</b>			
The area and instruction described above is acceptable, the contractor is released to proceed with construction.			
<b>NEL Representative:</b>	<i>Leonel Dabor</i>	<i>L.O. [Signature]</i>	<i>2017-04-17</i>
	Name	Signature	Date
<b>HATCH Representative:</b>	<i>Marlon Coakley</i>	<i>[Signature]</i>	<i>2017-04-17</i>
	Name	Signature	Date



### Subgrade Surface Preparation Approval

**Nuna East Ltd.**  
9839 - 31 Avenue  
Edmonton, AB  
T6N 1C5



## Baffinland Early Earth Works Project

SCALE:  
barscale

DATE: Apr 18, 2017

DRAWING NAME  
CC001-00

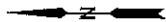
DRAWING NAME :  
CC001-0004-QCD MPPCP Subgrade.dwg


**Nuna East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Surface/Sub-grade Preparation Approval - <i>refer to attached document for section</i>
<b>Date of Inspection:</b>	<i>April 17<sup>th</sup>, 2017</i>
<b>Parties Present at Inspection</b>	<i>Leonel Dabor, Paul farrell</i>

<b>Comments:</b>
<p>A visual inspection of the Milne Port Camp Pad surface/sub-grade <i>refer to attached document</i> was conducted prior to placement of fill Material.</p> <p>Sub-grade: The snow and ice in the area was cleared as described and according to the employer satisfaction.</p> <p>The outlined area is approved for placement of material.</p>

<b>Permission to Proceed:</b>			
The area and instruction described above is acceptable, the contactor is released to proceed with construction.			
<b>NEL Representative:</b>	<i>Leonel Dabor</i> Name	<i>[Signature]</i> Signature	<i>2017-04-17</i> Date
<b>HATCH Representative:</b>	<i>Marlon Coetzee</i> Name	<i>[Signature]</i> Signature	<i>2017-04-21</i> Date



<p>Legend:</p>	<p>Subgrade Surface Preparation Approval</p>	<p>CLIENT:</p> <p>Nuna East Ltd. 9839 - 31 Avenue Edmonton, AB T6N 1C5</p>	<p>PROJECT:</p> <p>Baffinland Early Earth Works Project</p>	<p>PREPARED BY:</p> 	<p>DRAWING TITLE:</p> <p>Subgrade Surface Preparation Approval Milne Port Camp Pad CC001-0003-QCD</p>	<p>DRAWING NAME:</p> <p>CC001-0003-QCD MPPC Subgrade.dwg</p>
<p>DATE:</p> <p>Apr 17, 2017</p>	<p>SCALE:</p> <p>ba:scale</p>	<p>DRAWN BY:</p> <p>mc</p>	<p>DATE:</p> <p>Apr 17, 2017</p>	<p>SCALE:</p> <p>ba:scale</p>	<p>DRAWN BY:</p> <p>mc</p>	<p>DATE:</p> <p>Apr 17, 2017</p>

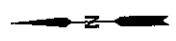
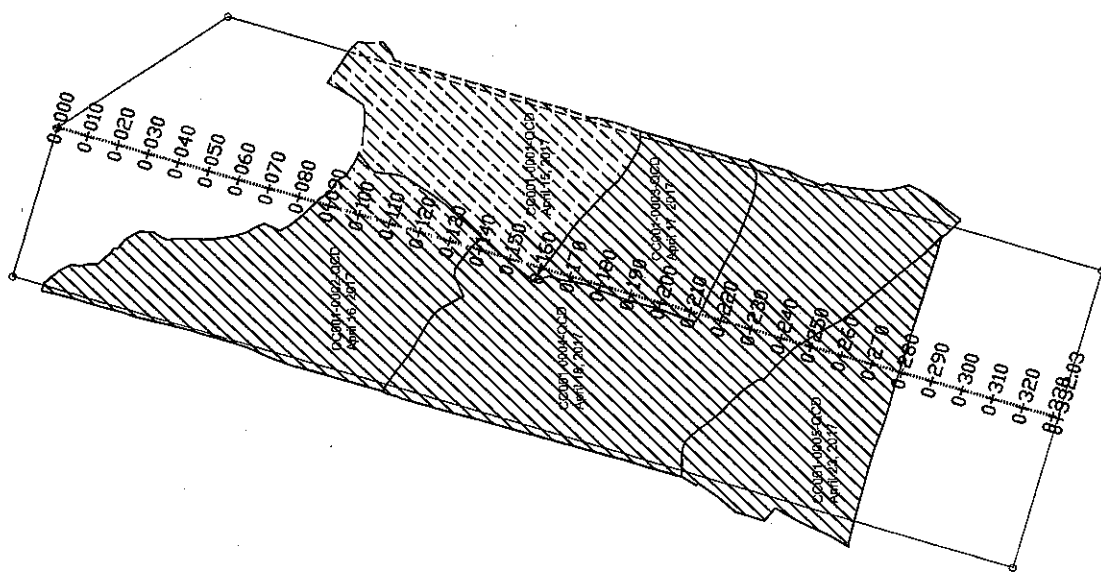


**Nuna East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Surface/Sub-grade Preparation Approval - <u>per</u> CC001-0005-QCD MPCP Subgrade.dwg
<b>Date of Inspection:</b>	APRIL 24, 2017
<b>Parties Present at Inspection</b>	JEFF DEPAPE, NUNA MARLON COAKLEY, HATCH

<b>Comments:</b>
<p>A visual inspection of the Milne Port Comp Pad surface/sub-grade <u>per attachment</u> was conducted prior to placement of fill Material.</p> <p>Sub-grade: The snow and ice in the area was cleared as described and according to the employer satisfaction.</p> <p>The outlined area is approved for placement of material.</p>

<b>Permission to Proceed:</b>			
The area and instruction described above is acceptable, the contractor is released to proceed with construction.			
<b>NEL Representative:</b>	<u>JEFF DEPAPE</u> Name	<u>[Signature]</u> Signature	<u>2017-04-24</u> Date
<b>HATCH Representative:</b>	<u>Marlon Coakley</u> Name	<u>[Signature]</u> Signature	<u>2017-04-25</u> Date



<b>Legend:</b> Subgrade Surface Preparation Approval Mine Port Camp Pad CC001-0005-QCD		<b>CLIENT:</b> Nuna East Ltd. 9839 - 31 Avenue Edmonton, AB T6N 1C5		<b>PROJECT:</b> Baffinland Early Earthworks Project	
<b>PREPARED BY:</b> 		<b>DATE:</b> Apr 23, 2017		<b>DRAWING NAME:</b> CC001-0005-QCD MPCP Subgrade.dwg	
<b>SCALE:</b> barscale		<b>DRAWN BY:</b> mc		<b>DRAWING TITLE:</b> Subgrade Surface Preparation Approval Mine Port Camp Pad CC001-0005-QCD	

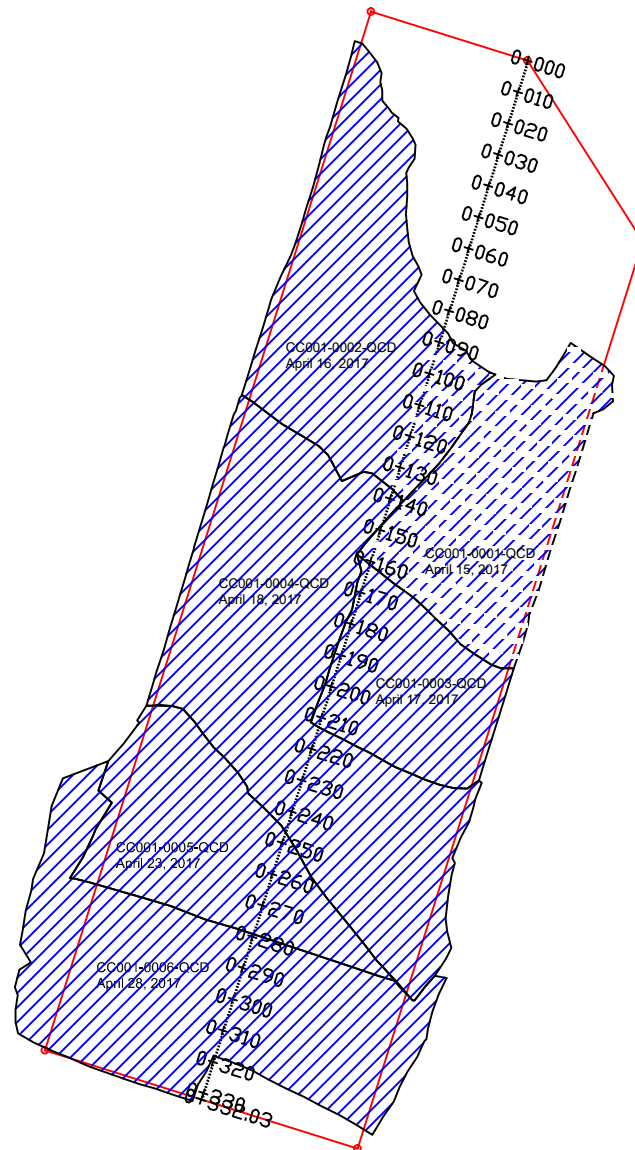
Final Grade Design Sheet 1:15 (see H553004-00000-0000-0001)  
 Erosion removal on Original Ground approved for RCU Type 12 Placement

**Nuna East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Milne Port Camp Pad per attached drawing CC001-0006-QCD MPCP Subgrade.pdf
<b>Date of Inspection:</b>	April 28, 2017
<b>Parties Present at Inspection</b>	Hatch - Marlon Coakley Nuna - Jeff DePape

<b>Comments:</b>
<p>A visual inspection of the Milne Port Camp Pad surface/sub-grade per the attached drawing was conducted prior to placement of fill Material.</p> <p>Sub-grade: The snow and ice in the area was cleared as described and according to the Project specifications..</p> <p>The outlined area is approved for placement of material.</p>

Permission to Proceed:			
The area and instruction described above is acceptable, the contactor is released to proceed with construction.			
<u>NEL</u>	Jeff DePape		April 28, 2017
<u>Representative:</u>	Name	Signature	Date
<u>HATCH</u>	Marlon Coakley		April 28, 2017
<u>Representative:</u>	Name	Signature	Date



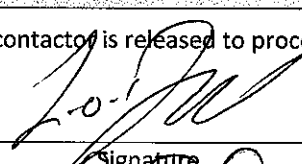
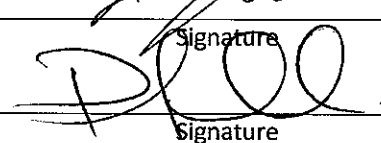
<p>Legend:</p> <p>Subgrade Surface Preparation Approval</p> <hr/> <p>Final Grade Design Crest T1-T5 dwg# H353004-00000-220-272-0004-0001</p> <p>Snow removal on Original Ground approved for ROQ Type 12 Placement</p>	<p>CLIENT:</p> <p>Nuna East Ltd. 9839 - 31 Avenue Edmonton, AB T6N 1C5</p> <p>PROJECT:</p> <p>Baffinland Early Earthworks Project</p>	<p>PREPARED BY:</p> <p>NAMPCY SOLUTIONS LTD.</p> <p>Survey Support for your Project from Start-up to Finish</p> <p>Owner: Glen Murphy, ASCT</p> <p>2009 Professional Surveying License No. 10210 Reg. No. 10210</p> <p>Drawn: glen.murphy@nampcy.com www.nampcysolutions.com</p> <p>DRAWN BY:</p> <p>mc</p>	<p>SCALE:</p> <p>barscale</p> <p>DATE:</p> <p>Apr 28, 2017</p>	<p>DRAWING TITLE:</p> <p>Subgrade Surface Preparation Approval Milne Port Camp Pad CC001-0006-QCD</p> <p>DRAWING NAME :</p> <p>CC001-0006-QCD MPCP Subgrade.dwg</p>
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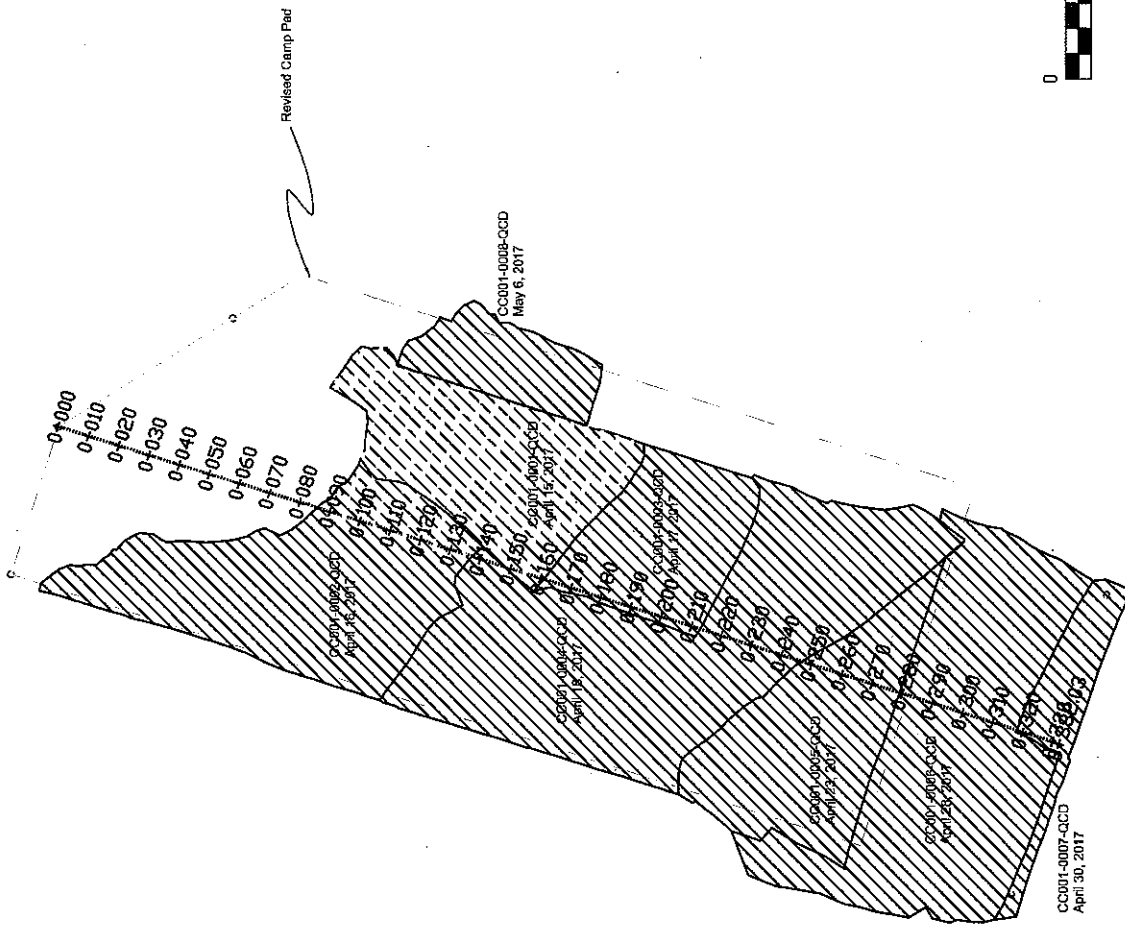
## Nuna East Limited Quality Department


### Quality Surveillance Inspection Acceptance and Sign-off Report

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Milne Port Camp Pad per attached drawing CC001-0008-QCD MPCP Subgrade.pdf
<b>Date of Inspection:</b>	May 07, 2017
<b>Parties Present at Inspection</b>	Hatch – Paul Farrell Nuna – Leonel Dabor

<b>Comments:</b>
<p>A visual inspection of the Milne Port Camp Pad surface/sub-grade per the attached drawing was conducted prior to placement of fill Material.</p> <p>Sub-grade: The snow and ice in the area was cleared as described and according to the Project specifications..</p> <p>The outlined area is approved for placement of material.</p>

<b>Permission to Proceed:</b>			
The area and instruction described above is acceptable, the contractor is released to proceed with construction.			
<u>NEL</u>	Leonel Dabor		May 07, 2017
<u>Representative:</u>	Name	Signature	Date
<u>HATCH</u>	Paul Farrell		May 07, 2017
<u>Representative:</u>	Name	Signature	Date



<p>Legend:</p> <p>Subgrade Surface Preparation Approval</p>	<p>CLIENT:</p> <p>Nuna East Ltd 9839 - 31 Avenue Edmonton, AB T6N 1C5</p>	<p>PREPARED BY:</p> 	<p>PROJECT:</p> <p>Baffinland Early Earthworks Project</p>	<p>DRAWING TITLE:</p> <p>Subgrade Surface Preparation Approval Milne Port Camp Pad CC001-0008-QCD</p>
<p>Scale:</p> <p>barscale</p>	<p>DATE:</p> <p>May 6, 2017</p>	<p>DRAWN BY:</p> <p>MTG</p>	<p>DRAWING NAME:</p> <p>CC001-0008-QCD MPCP Subgrade.dwg</p>	<p>Final Grade Design Sheet T1-15.dwg H353064-0000-225-272-000-0001 Grow material on Original Ground approved for RCD Type 12 Placement</p>



## Nuna East Limited Quality Department

### Quality Surveillance Inspection Acceptance and Sign-off Report

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Milne Port Camp Pad per attached drawing CC001-0009-QCD MPCP Subgrade.pdf
<b>Date of Inspection:</b>	May 08, 2017
<b>Parties Present at Inspection</b>	Hatch – Paul Farrell Nuna – Leonel Dabor

#### Comments:

A visual inspection of the Milne Port Camp Pad surface/sub-grade per the attached drawing was conducted prior to placement of fill Material.

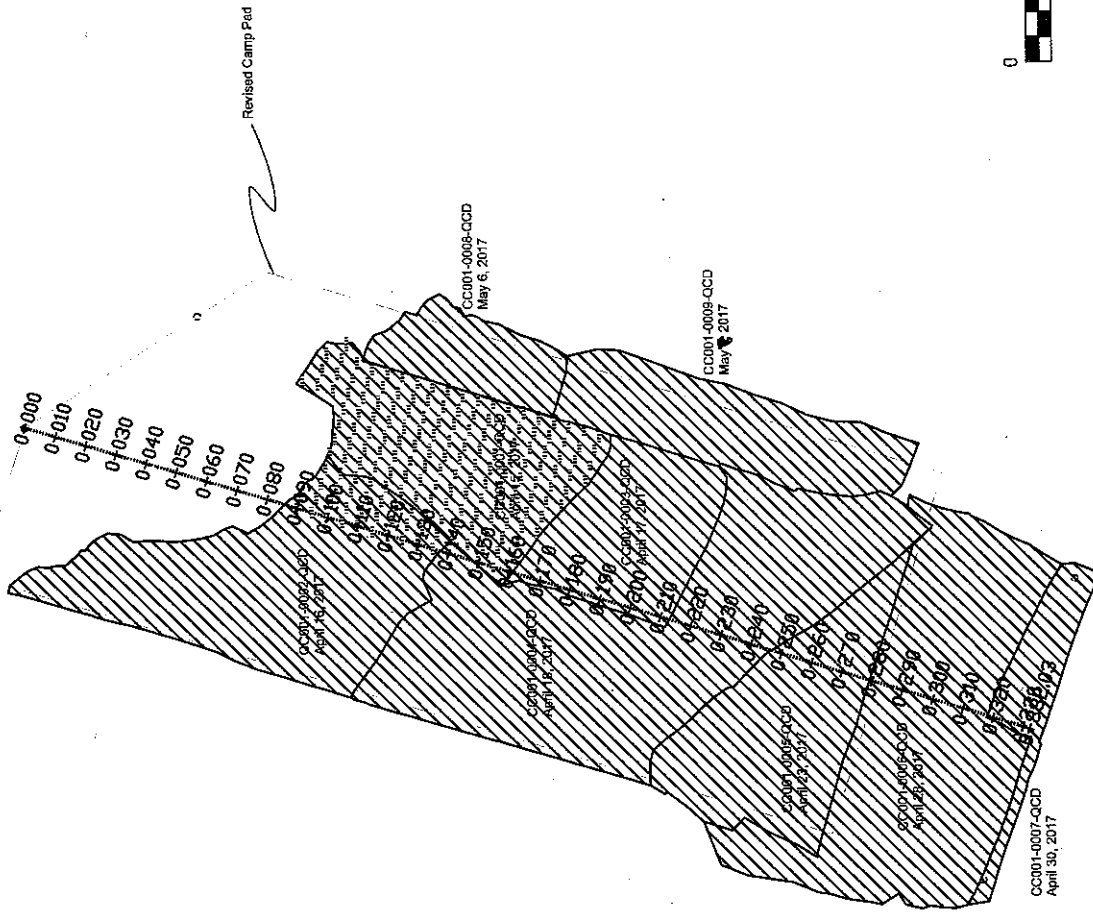
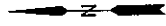
Sub-grade: The snow and ice in the area was cleared as described and according to the Project specifications..


The outlined area is approved for placement of material.

#### Permission to Proceed:

The area and instruction described above is acceptable, the contractor is released to proceed with construction.

<b>NEL</b>	Leonel Dabor		May 08, 2017
<b>Representative:</b>	Name	Signature	Date
<b>HATCH</b>	Paul Farrell		May 08, 2017
<b>Representative:</b>	Name	Signature	Date



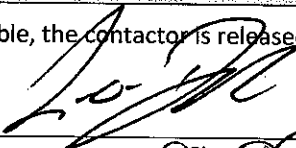
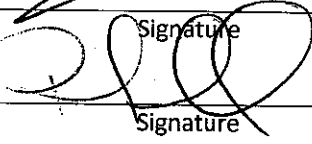
<b>Legend:</b> Subgrade Surface Preparation Approval	<b>Client:</b> Nuna East Ltd. 9839 - 31 Avenue Edmonton, AB T6N 1C5	<b>Project:</b> Baffinland Early Earthworks Project	<b>Prepared By:</b> 	<b>Drawing Title:</b> Subgrade Surface Preparation Approval Milne Port Camp Pad CC001-0009-QCD	<b>Drawing Name:</b> CC001-0009-QCD MPCP Subgrade.dwg
					<b>Drawing Title:</b> Subgrade Surface Preparation Approval Milne Port Camp Pad CC001-0009-QCD
<b>Scale:</b> barscale			<b>Date:</b> May 8, 2017	<b>Scale:</b> barscale	<b>Date:</b> May 8, 2017

Final Grade Design: Class 11-15 (per 11533004-0000-203-272-0004-0001)  
Show retained on Original Ground approved for RCD Type 12 Placement

**Nuna East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Milne Port Camp Pad per attached drawing CC001-0010-QCD MPCP Subgrade.pdf
<b>Date of Inspection:</b>	May 13, 2017
<b>Parties Present at Inspection</b>	Hatch – Paul Farrell Nuna – Leonel Dabor

<b>Comments:</b>
<p>A visual inspection of the Milne Port Camp Pad surface/sub-grade per the attached drawing was conducted prior to placement of fill Material.</p> <p>Sub-grade: The snow and ice in the area was cleared as described and according to the Project specifications.</p> <p>The outlined area is approved for placement of material.</p>

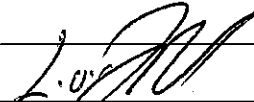
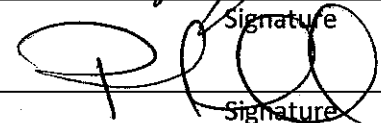
Permission to Proceed:			
The area and instruction described above is acceptable, the contractor is released to proceed with construction.			
<u>NEL</u>	Leonel Dabor		May 13, 2017
<u>Representative:</u>	Name	Signature	Date
<u>HATCH</u>	Paul Farrell		May 13, 2017
<u>Representative:</u>	Name	Signature	Date



**Nuna East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks
<b>Description of Item/Area Inspected:</b>	Construction Material Approval per attached correspondence
<b>Date of Inspection:</b>	May 15 <sup>th</sup> , 2017
<b>Parties Present at Inspection</b>	Hatch – Paul Farrell

<b>Comments:</b>
<p>A visual inspection of the stockpile of 25-50mm blend of crush Material was conducted to confirm Material conforms to the surfacing material specifications.</p> <p>Construction Material: The 25-50mm blend of crushed material conforms to specifications and is approved for placement on the Milne Port Camp pad.</p>

<b>Permission to Proceed:</b>			
The area and instruction described above is acceptable, the contractor is released to proceed with construction.			
<u>NEL</u>	Leonel Dabor		May 15, 2017
<u>Representative:</u>	Name	Signature	Date
<u>HATCH</u>	Paul Farrell		May 15, 2017
<u>Representative:</u>	Name	Signature	Date

## Leonel Dabor

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**From:** Farrell, Paul <paul.farrell@hatch.com>  
**Sent:** Tuesday, May 16, 2017 6:00 AM  
**To:** Doug Haverland  
**Cc:** Coakley, Marlon; Leonel Dabor; Jeff DePape  
**Subject:** 1" to 2" blend for top lift at accommodation pad

Doug,  
Utilize the available 25mm-50mm blend material offered by road maintenance for final grade at the accommodations pad.  
Regards,

### Paul Farrell

Project Delivery Group  
Mary River Project  
Site Office 416-364-8820 Ext 4126  
**Mobile: ( 204 ) 430-8903**  
2800 Speakman Drive, Mississauga  
Ontario Canada L5K 2R7  
Email:paul.farrell@hatch.com

Thank you for your continued support.

# HATCH

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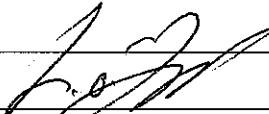
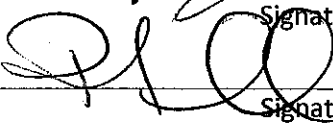
**NOTICE** - This message from Hatch is intended only for the use of the individual or entity to which it is addressed and may contain information which is privileged, confidential or proprietary. Internet communications cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, arrive late or contain viruses. By communicating with us via e-mail, you accept such risks. When addressed to our clients, any information, drawings, opinions or advice (collectively, "information") contained in this e-mail is subject to the terms and conditions expressed in the governing agreements. Where no such agreement exists, the recipient shall neither rely upon nor disclose to others, such information without our written consent. Unless otherwise agreed, we do not assume any liability with respect to the accuracy or completeness of the information set out in this e-mail. If you have received this message in error, please notify us immediately by return e-mail and destroy and delete the message from your computer.

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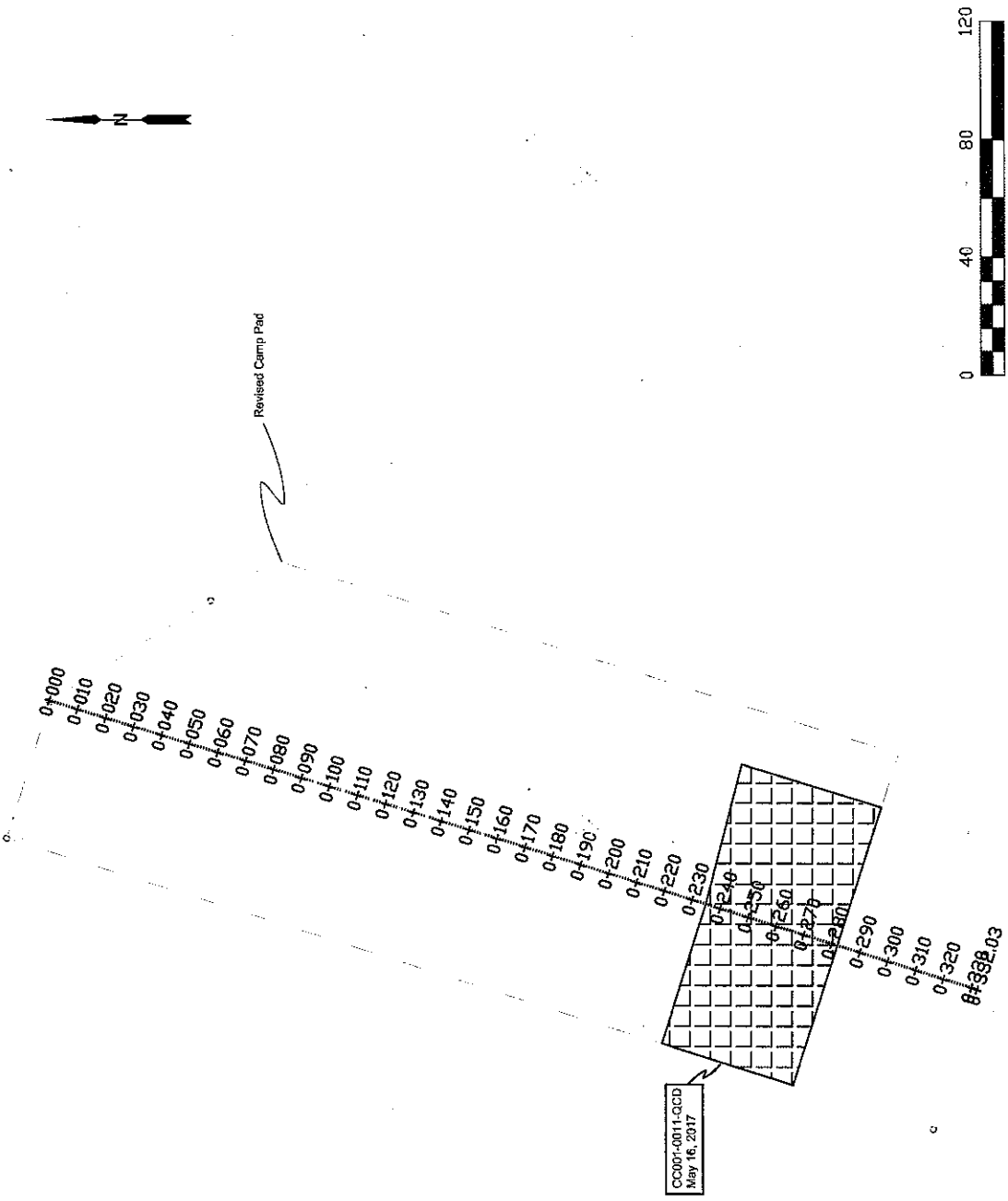
**NUNA East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**


<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Milne Port Camp Pad per attached drawing CC001-0011-QCD MPCP ROQ Approval.pdf
<b>Date of Inspection:</b>	May 16, 2017
<b>Parties Present at Inspection</b>	Hatch – Paul Farrell Nuna – Leonel Dabor

<b>Comments:</b>
<p>A visual inspection of the Milne Port Camp Pad ROQ placement per attached drawing was conducted prior to placement of Surfacing Material (Surface Course).</p> <p>ROQ Placement: The grade, elevation and compaction were found to be acceptable.</p> <p>The outlined area is approved for placement of Type 5 (32mm) Surfacing Material or as approved.</p>

<b>Permission to Proceed:</b>			
The area and instruction described above is acceptable, the contractor is released to proceed with construction.			
<b>NEL Representative:</b>	Leonel Dabor		May 16, 2017
	Name	Signature	Date
<b>HATCH Representative:</b>	Paul Farrell		May 16, 2017
	Name	Signature	Date



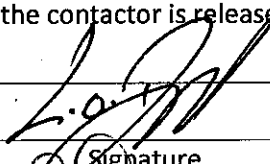
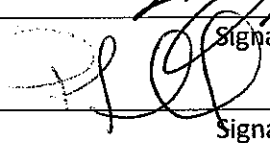


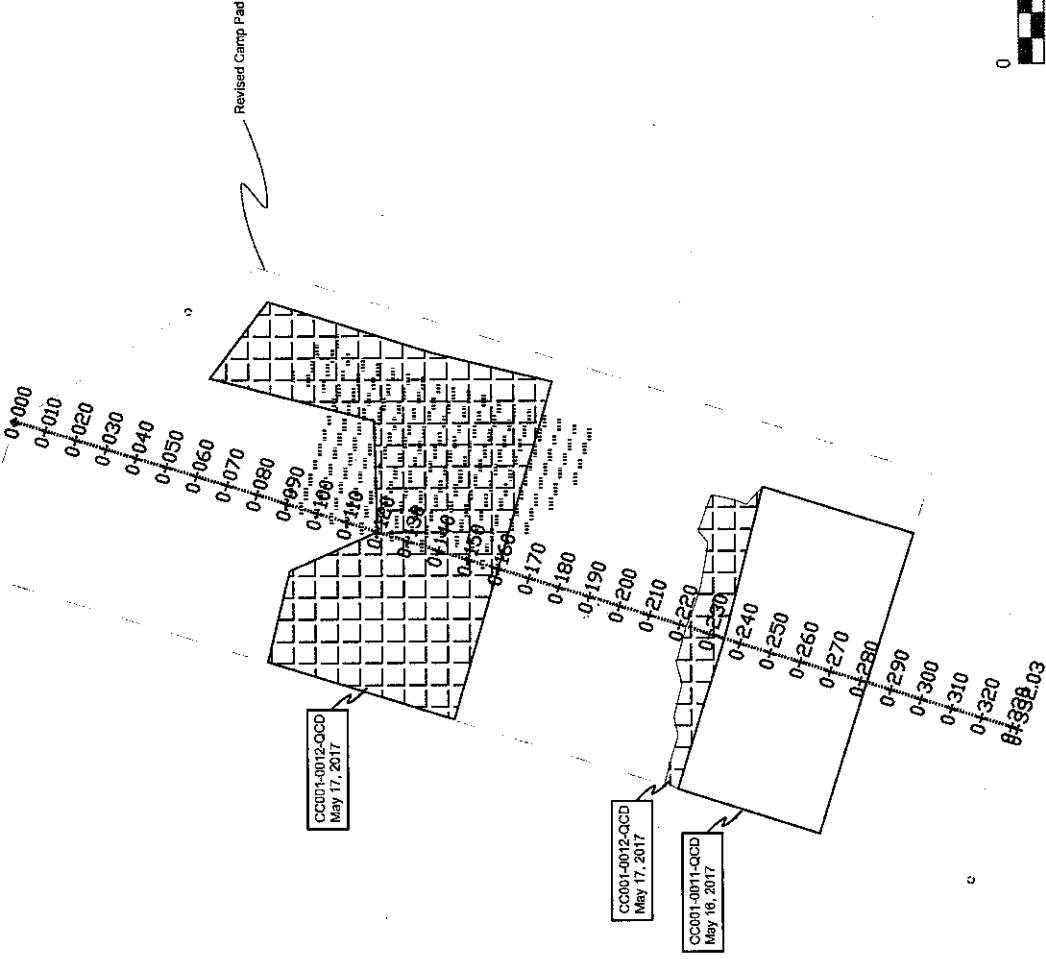
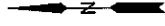
Legend: ROQ Placement Preparation Approval _____ Final Grade Design Crest T1-T5 ewg# H333004-00006 220-272-4004-0001 _____ Snow removal on Original Ground approved for ROQ Type 12 Placement	CLIENT: Nuna East Ltd. 9859 - 31 Avenue Edmonton, AB T6N 1C5	PREPARED BY:  PROJECT: Baffinland Early Earthworks Project	DRAWING TITLE: ROQ Surface Preparation Approval Milne Port Camp Pad CC001-0011-QCD	DATE: May 16, 2017 SCALE: barscale DRAWN BY: gm
DRAWING NAME: CC001-0011-QCD MPCP ROQ Approval.dwg				

**NUNA East Limited Quality Department**  
**Quality Surveillance Inspection Acceptance and Sign-off Report**

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Milne Port Camp Pad per attached drawing CC001-0012-QCD MPCP ROQ Approval.pdf
<b>Date of Inspection:</b>	May 17, 2017
<b>Parties Present at Inspection</b>	Hatch – Paul Farrell Nuna – Leonel Dabor

<b>Comments:</b>
<p>A visual inspection of the Milne Port Camp Pad ROQ placement per attached drawing was conducted prior to placement of Surfacing Material (Surface Course).</p> <p>ROQ Placement: The grade, elevation and compaction were found to be acceptable.</p> <p>The outlined area is approved for placement of Type 5 (32mm) Surfacing Material or as approved.</p>

<b>Permission to Proceed:</b>			
The area and instruction described above is acceptable, the contractor is released to proceed with construction.			
<b>NEL</b> <b>Representative:</b>	Leonel Dabor		May 17, 2017
	Name	Signature	Date
<b>HATCH</b> <b>Representative:</b>	Paul Farrell		May 17, 2017
	Name	Signature	Date



Legend:	ROQ Placement Preparation Approval		ROQ Surface Preparation Approval Mline Port Camp Pad CC001-0012-QCD	
	Client: Nuna East Ltd. 9838 - 31 Avenue Edmonton, AB T6N 1C5		DRAWING TITLE:	
PROJECT: Baffinland Early Earthworks Project		DATE: May 17, 2017	SCALE: barscale	DRAWING NAME: CC001-0012-QCD MFCP ROQ Approval.dwg
Prepared By: gm		DRAWN BY: gm		

Final Grade Design Case T1.75 (wg) H33304-0000-220-272-000-0001  
Shown in red on Original Ground approved for RQD Type 12 Placement

**Nuna East Limited Quality Department  
Quality Surveillance Inspection Acceptance and Sign-off Report**

<b>Project:</b>	Mary River Expansion Stage 3 Early Earthworks Project
<b>Description of Item/Area Inspected:</b>	Milne Port Camp Pad per attached drawing CC001-0013-QCD MPCP ROQ APPROVAL.pdf
<b>Date of Inspection:</b>	May 22, 2017
<b>Parties Present at Inspection</b>	Hatch - Marlon Coakley Nuna – Jeff DePape

**Comments:**


A visual inspection of the Milne Port Camp Pad ROQ subgrade placement per the attached drawing was conducted prior to placement of cap (surfacing) material.

ROQ Placement: The grade, elevation and compaction were found to be acceptable.

The outlined area is approved for placement of cap (surfacing) material.

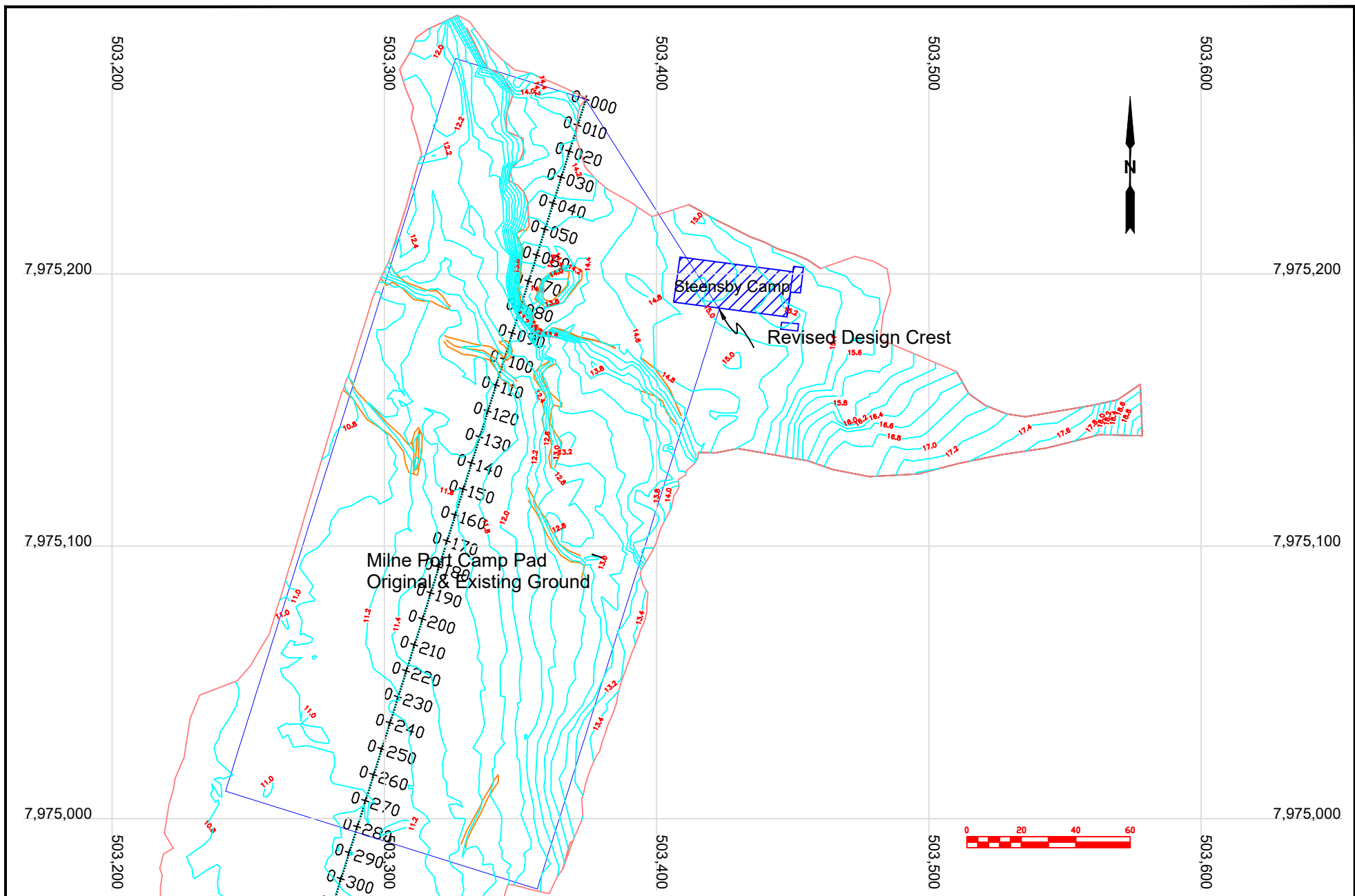
**Permission to Proceed:**

The area and instruction described above is acceptable, the contactor is released to proceed with construction.

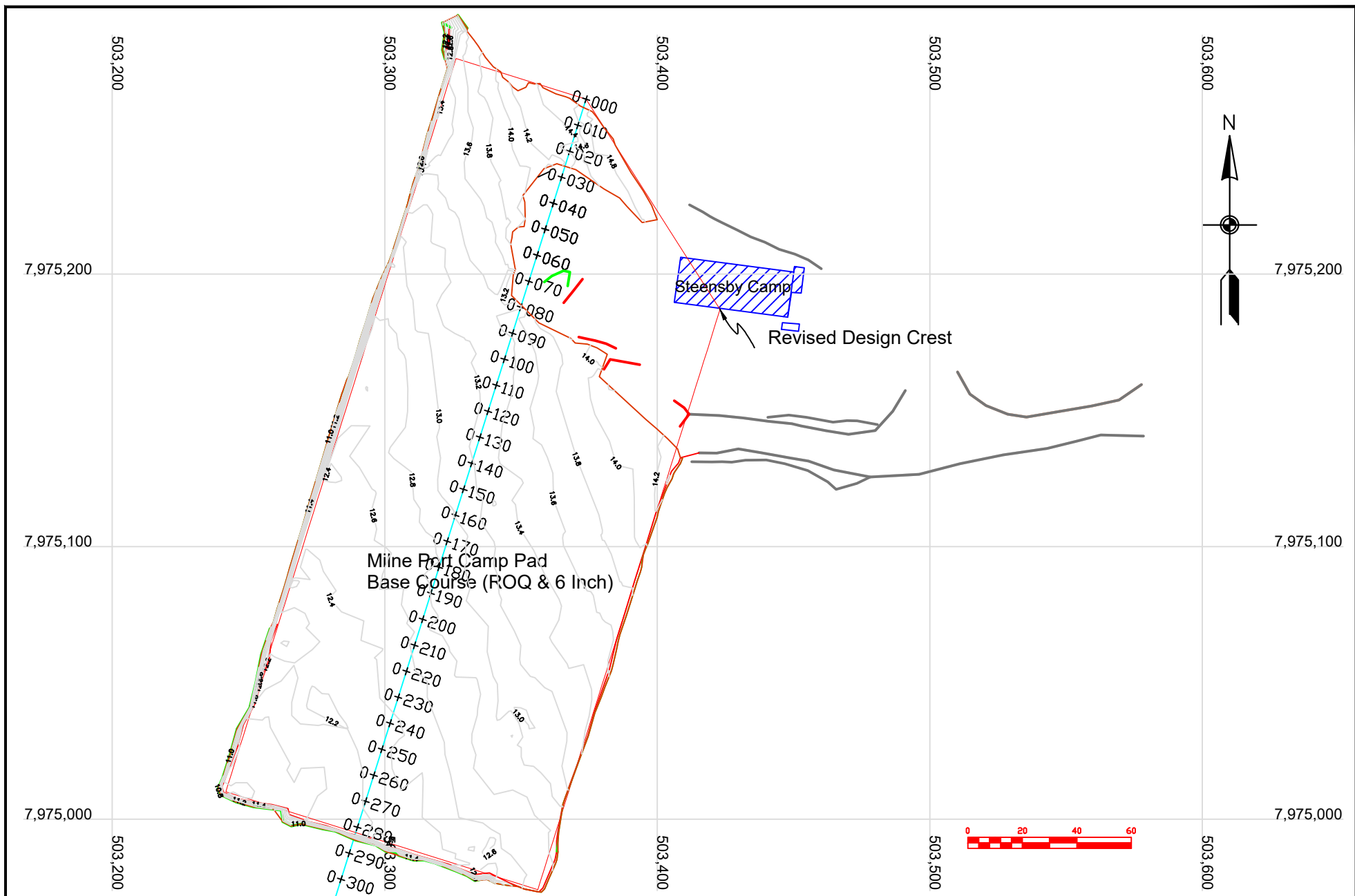
<u>NEL</u>	Jeff DePape		May 22, 2017
<u>Representative:</u>	Name	Signature	Date
<u>HATCH</u>	Marlon Coakley		May 22, 2017
<u>Representative:</u>	Name	Signature	Date








<p>NOTES:</p> <p>200mm Original &amp; Existing Ground Contours</p>	<p>CLIENT:</p> <p>Baffinland Iron Mines Corporation</p>	<p>PREPARED BY:</p> <p>Nuna East Ltd. 9839 - 31 Avenue Edmonton, AB T6N 1C5</p>		<p>DRAWING TITLE:</p> <p><b>Milne Port Camp Pad Original &amp; Existing Ground Status Map May 13, 2017</b></p>	
	<p>PROJECT:</p> <p>Mary River Project, Baffin Island, Nunavut</p>	<p>DRAWN BY:</p> <p>mc</p>	<p>SCALE:</p> <p>barscale</p>	<p>DATE:</p> <p>Dec. 12, 2017</p>	<p>DRAWING NAME (YYMMDD):</p> <p>SM 170513 MPCP OG &amp; EG.dwg</p>



NOTES:  
 Volume: 31,094cm  
 Source: Q1-ROQ & 6 Inch Minus  
  
 Total Disturbance: 28,583 Sq. meters  
 Contour Interval 200mm

CLIENT:  
 Baffinland Iron Mines Corporation  
  
 PROJECT:  
 Mary River Project, Baffin Island, Nunavut

PREPARED BY:  
 Nuna East Ltd.  
 9839 - 31 Avenue  
 Edmonton, AB  
 T6N 1C5  
  
 DRAWN BY:  
 mc

  
 SCALE:  
 barscale  
 DATE:  
 Dec. 12, 2017

DRAWING TITLE:  
**Milne Port Camp Pad  
 Base Course Asbuilt  
 Status Map June 4, 2017**  
  
 DRAWING NAME (YYMMDD):  
 SM 170604 MPCP Base Course.dwg



# **Appendix C**


## **Turnover Documents**

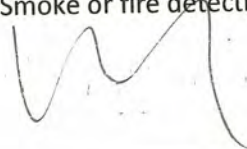
Dorm: <u>A</u>	Dorm Type: 50 Person	Date: <u>May 29, 2019</u>
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Hallways	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/> <i>the PG</i>	<input checked="" type="checkbox"/>
Notes: <i>Signs required around electrical panels. Cages needed around lights</i>		

Bedrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windows – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smoke Detector - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		



Bathrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower & Door - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Toilet – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Faucets – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirrors – Clean, Crack Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust Fan – Clean, Complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: 		

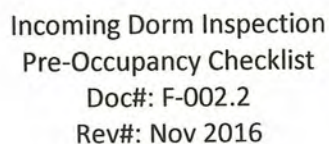
Laundry Room	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Washing Machines – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dryers – Clean, Lint traps clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mop Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage Lockers - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Smoke or fire detection? 		

Electrical	Dorm H	
	Acceptable	
	Yes	No
Sub Panel - Complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distribution Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F/A Panel - complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes: Signs required for Panels. Signs required for Fire Alarm.		

Safety	Dorm H	
	Acceptable	
	Yes	No
Fire Extinguisher - correct type, current date, required number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Evacuation Drawing - posted in adequate numbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater - signage in mud room	<input checked="" type="checkbox"/>	<input type="checkbox"/>
walkways - Lighting	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Base Radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AED-installed, functional	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear path for Fire Response	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid and Eyewash in place, clean and ready	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire watch identified, schedule in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<del>Water Coolers (3)</del>	<del><input type="checkbox"/></del>	<del><input type="checkbox"/></del>
Emergency Exit Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<del>Refrigerator</del>	<del><input type="checkbox"/></del>	<del><input type="checkbox"/></del>
Notes: Cases needed		

N/A

N/A

[illegible]



Emailed  
2019-04-09  
to All Signed.

Dorm: <b>B</b>	Dorm Type: 50 Person	Date: 2019-04-09
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Hallways	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition <i>Weather Stripping</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Notes:

Light covers for all ~~Fluorescent~~ Lights "FLUORESCENT" in Dorm A-B HALLWAYS. "Screenmesh or Plastic" LABEL MAKER FOR Panels + Label all Breakers IN ALL Panels ADJUST Weather Stripping ON Emerg EXIT DOORS so snow does NOT ENTER

Bedrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete <i>+ Coat Hangers (2)</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windows – Clean, Complete <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
Thermostat – Clean, Complete <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smoke Detector – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Notes:

No Hangers – ~~IN~~ IN Room closets  
closets "secured" to walls in Rooms



Bathrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower & Door - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Toilet – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Faucets – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirrors – Clean, Crack Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust Fan – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		

Laundry Room	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Washing Machines – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dryers – Clean, Lint traps clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mop Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage Lockers - Clean	<input type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Smoke or fire detection?		

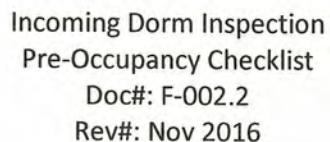
Nothing in front Electrical Panel  
No Map Bucket in Laundry Room  
Penetrations – Fire Caulk "ASAP" All Penetrations  
Block off Plugs in Laundry Room that are NONE  
EXIT LIGHT ABOVE DOOR  
GFCI on Plugs near water



Electrical	Dorm H	
	Acceptable	
	Yes	No
Sub Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Distribution Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F/A Panel - complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Need labels on all Brakers		

Safety	Dorm H	
	Acceptable	
	Yes	No
Fire Extinguisher – correct type, current date, required number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Evacuation Drawing – posted in adequate numbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – signage in mud room	<input type="checkbox"/>	<input type="checkbox"/>
walkways – Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Base Radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AED-installed, functional	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear path for Fire Response	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid and Eyewash in place, clean and ready	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire watch identified, schedule in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Coolers (3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Exit Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Refrigerator	<input type="checkbox"/>	<input type="checkbox"/>
Notes: <del>TRAP SIGNAGE</del> Need in Arctic Walkway <del>Eye wash in LAUNDRY ROOMS IS COMPLETE.</del> Put water in Water Bottles AND STANDS At Halfway Point of each dorm.		

N/A

[illegible]





Incoming Dorm Inspection  
Pre-Occupancy Checklist  
Doc#: F-002.2  
Rev#: Nov 2016

Dorm: <u>C</u>	Dorm Type: 50 Person	Date: <u>APRIL 23, 2019</u>
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Hallways	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: <u>Side exit needs adjustment. Completed</u> <u>Fire extinguishers need annual inspections. Completed</u>		

Bedrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Windows – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture – Clean, Complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Smoke Detector – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: <u>Finish wardrobes – completed</u>		



Incoming Dorm Inspection  
Pre-Occupancy Checklist  
Doc#: F-002.2  
Rev#: Nov 2016

Dorm:	Dorm Type: 50 Person	Date:
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Hallways	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		

Bedrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windows – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smoke Detector - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		



Bathrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <i>Completed</i>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower & Door - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Toilet – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Faucets – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirrors – Clean, Crack Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust Fan – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <i>Completed</i>
Notes:		

Laundry Room	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <i>Completed</i>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Washing Machines – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dryers – Clean, Lint traps clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mop Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage Lockers - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Smoke or fire detection?		



Electrical	Dorm H	
	Acceptable	
	Yes	No
Sub Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Distribution Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F/A Panel - complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes: exit sign at dorm C entrance - completed panel fillers for dorm C panel - completed		

Safety	Dorm H	
	Acceptable	
	Yes	No
Fire Extinguisher – correct type, current date, required number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Evacuation Drawing – posted in adequate numbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – signage in mud room	<input checked="" type="checkbox"/>	<input type="checkbox"/>
walkways – Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Base Radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AED-installed, functional	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear path for Fire Response	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid and Eyewash in place, clean and ready	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire watch identified, schedule in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Coolers (3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Exit Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Refrigerator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes:		

N/A  
N/A



Rev#: Nov 2016

[illegible]



Dorm: D	Dorm Type: 50 Person	Date: 2019-05-11
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Hallways	Dorm D	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Black Cloth in hallway ceiling is in place and complete. Wall damage to exterior wall at end of dorm by emergency exit at end of dorm. (Wall piece to be replaced)		

Bedrooms	Dorm D	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windows – Clean, Complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Thermostat - Clean, Complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smoke Detector - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Room 42 – Wall Damage by closet. (wall section to be replaced) Electric baseboard heater thermostat need to be turned down. Electricians have them turned up on high to verify.		

Bathrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower & Door - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Toilet – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Faucets – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirrors – Clean, Crack Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust Fan – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: No bathrooms in 50 person tent but wash cars were walked by HSE and Supervision.		

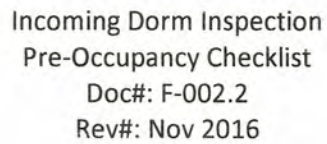
Laundry Room	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Washing Machines – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dryers – Clean, Lint traps clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mop Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage Lockers - Clean	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Laundry rooms are setup. Eyewash is installed as is Sharps containers both are checked for monthly inspection. Dryer lint trays were checked, and all were cleaned out as was the garbage cans were freshly changed		



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Electrical	Dorm H	
	Acceptable	
	Yes	No
Sub Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Distribution Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F/A Panel - complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes: Main Feed Cables (2") straps need to be secured at base. Also, some of the bedrooms in the last few rooms also need to have the 3rd bx cable strap applied to the lose bx cable. Electricians are aware of this as the new cable straps have been ordered and we are awaiting delivery. The 3rd bx strap was used to add to the last few rooms. Panels still require final Labels from Label Makers on Doors and will be completed for final commissioning.		

Safety	Dorm H	
	Acceptable	
	Yes	No
Fire Extinguisher – correct type, current date, required number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Evacuation Drawing – posted in adequate numbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – signage in room	<input checked="" type="checkbox"/>	<input type="checkbox"/>
walkways – Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Base Radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AED-installed, functional	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear path for Fire Response	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid and Eyewash in place, clean and ready	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire watch identified, schedule in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Coolers (3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Exit Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Refrigerator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes: Exterior Emergency Access route around the 380 Person Camp is now established and completed as of 2019-05-13. New parking area is also being established and temporary signage is being made onsite.		

[illegible]



ORIG Walk Down copy

Dorm: D	Dorm Type: 50 Person	Date: 2019-05-11
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Hallways	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean <i>BLACK CLOTH</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Wall Damage to Exterior Wall at Dorm END Emergency Exit. Wall piece to be replaced.		

Bedrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windows – Clean, Complete <i>N/A</i>	<input type="checkbox"/>	<input type="checkbox"/>
Thermostat - Clean, Complete <i>base board heaters</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smoke Detector - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Room 42 – Wall Damage by Closet. Turn Down Baseboard		

Bathrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower & Door - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Toilet – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Faucets – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirrors – Clean, Crack Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust Fan – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		

Laundry Room	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Washing Machines – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dryers – Clean, Lint traps clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mop Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage Lockers - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Smoke or fire detection?		



Electrical	Dorm H	
	Acceptable	
	Yes	No
Sub Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Distribution Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F/A Panel - complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes: Pin + Secure Main Feed Cables to Panels, Check all Rooms for loose Cable to plugs Electricians know		

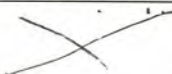
Safety	Dorm H	
	Acceptable	
	Yes	No
Fire Extinguisher - correct type, current date, required number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Evacuation Drawing - posted in adequate numbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater - signage in <del>med</del> room	<input checked="" type="checkbox"/>	<input type="checkbox"/>
walkways - Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Base Radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AED-installed, functional	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear path for Fire Response	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid and Eyewash in place, clean and ready	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire watch identified, schedule in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Coolers (3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Exit Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Refrigerator	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes: Exterior Route for Emerg Access complete 2019-05-13		


Dorm <u>E</u>	Dorm Type: 50 Person	Date: <u>May 29, 2019.</u>
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Hallways	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: <u>Missing signs for Electrical panels, Fire Alarms and Sprinklers.</u>		

Bedrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windows – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smoke Detector - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: <u>Missing signs next to heaters.</u>		



Bathrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower & Door - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Toilet – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Faucets – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirrors – Clean, Crack Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust Fan – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: 		

Laundry Room	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Washing Machines – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dryers – Clean, Lint traps clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mop Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage Lockers - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Smoke or fire detection? 		

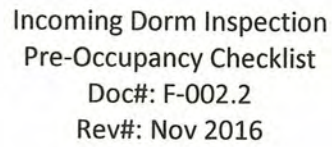
Electrical	Dorm H	
	Acceptable	
	Yes	No
Sub Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Distribution Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F/A Panel - complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes: missing signs for electrical panel, Fire Alarm + sprinklers.		

Safety	Dorm H	
	Acceptable	
	Yes	No
Fire Extinguisher – correct type, current date, required number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Evacuation Drawing – posted in adequate numbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – signage in mud room	<input checked="" type="checkbox"/>	<input type="checkbox"/>
walkways – Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Base Radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AED-installed, functional	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear path for Fire Response	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid and Eyewash in place, clean and ready	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire watch identified, schedule in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Coolers (3)	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Exit Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Refrigerator	<input type="checkbox"/>	<input type="checkbox"/>
Notes:		

N/A

N/A





Rev#: Nov 2016

[illegible]



Incoming Dorm Inspection  
Pre-Occupancy Checklist  
Doc#: F-002.2  
Rev#: Nov 2016

Dorm	F	Dorm Type: 50 Person	Date: July 11, 2019
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Hallways	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		

Bedrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windows – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smoke Detector - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		



Bathrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower & Door - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Toilet – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Faucets – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirrors – Clean, Crack Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust Fan – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		

Laundry Room	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Washing Machines – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dryers – Clean, Lint traps clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mop Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage Lockers - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Smoke or fire detection?		

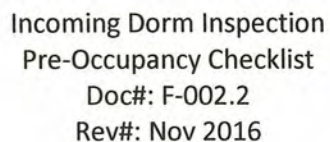
Electrical	Dorm H	
	Acceptable	
	Yes	No
Sub Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Distribution Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F/A Panel - complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes: Need 120/208V signs on electrical panels. Fire Alarm needs to be hooked up. ECU's need to be hooked up Protecting grounding Rods		

Safety	Dorm H	
	Acceptable	
	Yes	No
Fire Extinguisher – correct type, current date, required number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Evacuation Drawing – posted in adequate numbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – signage in mud room	<input checked="" type="checkbox"/>	<input type="checkbox"/>
walkways – Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Base Radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AED-installed, functional	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear path for Fire Response	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid and Eyewash in place, clean and ready	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire watch identified, schedule in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Coolers (3)	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Exit Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Refrigerator	<input type="checkbox"/>	<input type="checkbox"/>
Notes:		

N/A

N/A



[illegible]

Dorm: <u>G</u>	Dorm Type: 50 Person	Date: <u>July 11, 2019</u>
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Hallways	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: <u>Little bit of construction debris left in Hallway.</u> <u>120/208V sign on panels.</u> <u>Fix closer on dorm exit. North side (Both).</u> <u>Protecting Ground rods</u>		

Bedrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windows – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Thermostat - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smoke Detector - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		



Bathrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shower & Door - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Toilet – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Faucets – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirrors – Clean, Crack Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust Fan – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes:		

Laundry Room	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot Free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Washing Machines – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dryers – Clean, Lint traps clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mop Sink - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Storage Lockers - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Floor Drains - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Garbage Cans - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Notes: Smoke or fire detection?		

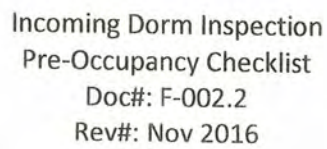
Electrical	Dorm H	
	Acceptable	
	Yes	No
Sub Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Distribution Panel - Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F/A Panel - complete	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Notes: 120/208V signs on panels. Emergency lights need to be installed (Exterior). Fire Alarm not hooked up. Wifi needs to be installed		

Safety	Dorm H	
	Acceptable	
	Yes	No
Fire Extinguisher – correct type, current date, required number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Evacuation Drawing – posted in adequate numbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – signage in mud room	<input checked="" type="checkbox"/>	<input type="checkbox"/>
walkways – Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Base Radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AED-installed, functional	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear path for Fire Response	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid and Eyewash in place, clean and ready	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire watch identified, schedule in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Coolers (3)	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Exit Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Refrigerator	<input type="checkbox"/>	<input type="checkbox"/>
Notes: Emergency lights need tags.		

N/A

N/A





Rev#: Nov 2016

[illegible]

Dorm: H	Dorm Type: 36 Person	Date: 2019-06-26
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Hallways	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean, Swept	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exterior Doorway – Condition	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ceilings – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Notes: Panels in Emerg Exits need Temp 208V stickers until my Real 208 V

INSULATION ON heaters outside

EXIT DOOR @ DORM END - FIXED 26-06-19 @ 3:20pm CW

VIKING FIRE SUPPRESSION WILL BE BACK JULY 11 2019 - NO NIGHTS

Bedrooms	Dorm H	
	Acceptable	
	Yes	No
Floors – Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walls – Clean, Spot free	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Doorway – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ceilings – Clean	<input type="checkbox"/>	<input type="checkbox"/>
Lighting – Clean, complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Closet – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windows – Clean, Complete	<input type="checkbox"/>	<input type="checkbox"/>
Thermostat - Clean, Complete	<input type="checkbox"/>	<input type="checkbox"/>
Drawers – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mattress - Clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bunk Light - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Furniture - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smoke Detector - Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Notes:

Room 7 closet NOT secure  
Room 5 " " "

NORTH EAST EXIT EMERG Light is showing Green and Does NOT Test Correct. - CONNECTED WIRE TO BATTERY CHARGING @ 5:20pm CW 26-06-19

ROUSBAKE ROUSBAKE 26-JUNE-2019



Electrical	Dorm H	
	Acceptable	
	Yes	No
Sub Panel - Complete	<input type="checkbox"/>	<input type="checkbox"/>
Distribution Panel - Complete	<input type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – Clean, Complete	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F/A Panel - complete	<input type="checkbox"/>	<input type="checkbox"/>
Notes: we still need 208 V STICKERS FOR ALL PANELS ANCC SIGNS INSTALLED ABOVE BASEBOARD HEATERS w/ screws		

Safety	Dorm H	
	Acceptable	
	Yes	No
Fire Extinguisher – correct type, current date, required number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Evacuation Drawing – posted in adequate numbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baseboard Heater – signage in mud room	<input checked="" type="checkbox"/>	<input type="checkbox"/>
walkways – Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Base Radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AED-installed, functional	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear path for Fire Response	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid and Eyewash in place, clean and ready	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire watch identified, schedule in place	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Water Coolers (3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emergency Exit Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Refrigerator	N/A <input type="checkbox"/>	<input type="checkbox"/>
Notes:		

[illegible]





Baffinland Iron Mines Corporation  
Mary River Expansion Project  
H353004



Quality Form  
Site Construction  
Close Out ITP Section

## Final Walk Down Attendance Sheet

Project: <u>Mary River Expansion Project</u>	Contractor: <u>Horizon North</u>	Contract No.: <u>H353004-TX001</u>
Location: <u>Milne Port</u>	Elevation: <u>                    </u>	CWP: <u>N/A</u>
Area: <u>386 man camp</u>	Area Description: <u>Fire Alarm system</u>	
Inspection Test Plan No.: <u>                    </u>	Rev: <u>                    </u>	Issue Date: <u>Nov 6 / 2019</u>

### Final Walk Down Description

System/Sub System No.: <u>                    </u>	System/Sub System Description: <u>                    </u>	
Tag No.: <u>                    </u>	Tag Description: <u>Fire Alarm System</u>	
Walk Down Date: <u>Nov 6 / 2019</u>	Start Time: <u>9:30 AM</u>	Meeting Place: <u>386 man camp office</u>

### Attendees

	Name (Print)	Name (Sign)	Company	Department
1	<u>Jake Anderson</u>	<u>[Signature]</u>	<u>HNCC</u>	<u>Elec</u>
2	<u>Daniel Murphy</u>	<u>[Signature]</u>	<u>HNCC</u>	<u>Elec</u>
3	<u>Wayne Haynes</u>	<u>[Signature]</u>	<u>Leit+Safety</u>	<u>Fire Alarm</u>
4	<u>Eddy Njoya</u>	<u>[Signature]</u>	<u>IMHOTEP Consulting</u>	<u>Elec</u>
5	<u>Don Fitzgerald</u>	<u>[Signature]</u>	<u>Hatch</u>	<u>EPI</u>
6	<u>Ronny Franch</u>	<u>[Signature]</u>	<u>Hatch</u>	<u>QA</u>
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Contractor QC Manager/Designate	<u>Jake Anderson</u> <u>[Signature]</u>	<u>Nov 7/19</u>
Title	Name (Print/Sign)	Date
Hatch QA Manager/Designate	<u>Ronny Franch</u> <u>[Signature]</u>	<u>Nov 7-2019</u>
Title	Name (Print/Sign)	Date



## Construction QC Punchlist

Project: <u>Mary River Expansion Project</u>	ITP No.: <u>                    </u>	CWP: <u>N/A</u>
Contractor: <u>Horizon North</u>	Contract No.: <u>H353004-TX001</u>	Sub-System: <u>N/A</u>
Location: <u>Milne Port</u>	Area: <u>386 man camp</u>	Area Description: <u>                    </u>
Tag No.: <u>                    </u>	Tag Description: <u>Fire Alarm System</u>	Test Package No.: <u>                    </u>

Discipline Index: M – Mechanical P – Piping C – Civil S – Structural E – Electrical I – Instrumentation

Item	Discipline	Punchlist Item Description	Punch Priority	Date Initiated		Completed	
				Initial	Date	Initial	Date
1	M	check fire rating of doors		JA	Nov 6/19		
2	M	check door fire rating		JA	Nov 6/19		
3	E	Corridor Interconnects saw cable. Hard wired.		JA	Nov 6/19		

PRIORITY: 1 – Completed Prior to Handover to Pre-OP. Testing 2 – Completed Prior to Hand Over from Pre-Op to Commissioning 3 – Complete Prior to the Completion of Commissioning and Before Pre-Trial 4 – Completed by the end of the trial operation and hand over to operations 5 – Completed before the final performance acceptance is issued.

ITEM LISTED ABOVE ARE AGREED UPON AND SHALL BE TRANSFERRED TO THE MASTER PUNCHLIST: ☐ Yes ☐ No ☐ N/A

<u>Vale Anderson</u> /	<u>Elia Lead</u>	<u>Nov 6, 2017</u>
Contractor QC Designate - Print/Sign	Title	Date
<u>Ronny Franken</u> /	<u>Head QA</u>	<u>Nov 6 - 2017</u>
Hatch QA Designate - Print/Sign	Title	Date





Baffinland Iron Mines Corporation  
Mary River Expansion Project  
H353004

Quality Form  
Site Construction  
Close Out ITP Section

## Final Walk Down Attendance Sheet

Project: Mary River Expansion Project	Contractor: Horizon North	Contract No.: H353004-TX001
Location: Milne Port	Elevation: _____	CWP: N/A
Area: 386 Man Camp	Area Description: _____	
Inspection Test Plan No.:	Rev:	Issue Date: Nov 1/2019

### Final Walk Down Description

System/Sub System No.: N/A	System/Sub System Description: Water Treatment Plant	
Tag No.:	Tag Description:	
Walk Down Date: Nov 1/2019	Start Time: 9:00 AM	Meeting Place: 386 man camp office

### Attendees

	Name (Print)	Name (Sign)	Company	Department
1	Jake Anderson		HNCC	Elec
2	Don Fitzgerald		Hatch	E&I
3	Josh Halleran		HNCC	Elec
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Contractor QC Manager/Designate	Jake Anderson	Nov 1/19
Title	Name (Print/Sign)	Date
Hatch QA Manager/Designate	Ronny Frank	Nov 5-2019
Title	Name (Print/Sign)	Date

## Construction QC Punchlist

Project: <u>Mary River Expansion Project</u>	ITP No.:	CWP: <u>N/A</u>
Contractor: <u>Horizon North</u>	Contract No.: <u>H353004-TX001</u>	Sub-System: <u>                    </u>
Location: <u>Milne Port</u>	Area: <u>386 man camp</u>	Area Description: <u>                    </u>
Tag No.:	Tag Description: <u>Water Treatment Plant</u>	Test Package No.:

Discipline Index: M – Mechanical P – Piping C – Civil S – Structural E – Electrical I – Instrumentation

Item	Discipline	Punchlist Item Description	Punch Priority	Date Initiated		Completed	
				Initial	Date	Initial	Date
1	E	Fire caulking light at front door	2	JA	Nov 1/19	JA	Nov 5/19
2	E	Tidy wire on LH switch	2	JA	Nov 1/19	JA	Nov 5/19
3	E	Spare parts list	3	JA	Nov 1/19	JA	Nov 5/19

PRIORITY: 1 – Completed Prior to Handover to Pre-OP. Testing 2 – Completed Prior to Hand Over from Pre-Op to Commissioning 3 – Complete Prior to the Completion of Commissioning and Before Pre-Trial 4 – Completed by the end of the trial operation and hand over to operations 5 – Completed before the final performance acceptance is issued.

ITEM LISTED ABOVE ARE AGREED UPON AND SHALL BE TRANSFERRED TO THE MASTER PUNCHLIST: ☒ Yes ☐ No ☐ N/A

<u>Jake Anderson</u>	/	<u>Electrical Lead</u>	<u>Nov 1/19</u>
Contractor QC Designate - Print/Sign		Title	Date
<u>Ronny Frank</u>	/	<u>Hatch QA</u>	<u>Nov 4-2019</u>
Hatch QA Designate - Print/Sign		Title	Date





Baffinland Iron Mines Corporation  
Mary River Expansion Project  
H353004

Quality Form  
Site Construction  
Close Out ITP Section

## Final Walk Down Attendance Sheet



Project: Mary River Expansion Project	Contractor: <i>Horizon North</i>	Contract No.: <i>H353004-TX001</i>
Location: Milne Port	Elevation: _____	CWP: <i>N/A</i>
Area: <i>386 Man Camp</i>	Area Description: _____	
Inspection Test Plan No.:	Rev:	Issue Date: <i>Nov 4/2019</i>

### Final Walk Down Description

System/Sub System No.:	System/Sub System Description:		
Tag No.:	Tag Description: <i>Fire Water Sprinkler System</i>		
Walk Down Date: <i>Nov 4/2019</i>	Start Time: <i>1:00 PM</i>	Meeting Place: <i>386 man camp office</i>	

### Attendees

	Name (Print)	Name (Sign)	Company	Department
1	<i>Jake Anderson</i>		<i>HWCL</i>	<i>Elec</i>
2	<i>Ronny Franken</i>		<i>Hatch</i>	<i>QA</i>
3	<i>Don Fitzgerald</i>		<i>Hatch</i>	<i>E&amp;I</i>
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Contractor QC Manager/Designate	<i>Jake Anderson</i>   	<i>Nov 4/19</i>
Title	Name (Print/Sign)	Date
Hatch QA Manager/Designate	<i>Ronny Franken</i>   	<i>Nov 4-2019</i>
Title	Name (Print/Sign)	Date

Quality Form  
Site Construction  
Close Out ITP Section

Project: Mary River Expansion Project	ITP No.:	CWP: N/A
Contractor: Horizon North	Contract No.: H353004-TX001	Sub-System: _____
Location: Milne Port	Area: 386 Man Camp	Area Description: _____
Tag No.: N/A	Tag Description: Fire Water Sprinklers system	Test Package No.: N/A

[illegible]

ITEM LISTED ABOVE ARE AGREED UPON AND SHALL BE TRANSFERRED TO THE MASTER PUNCHLIST: ☐ Yes ☐ No ☒ N/A

Jake Anderson / 	Horizon, Elcc Lead	Nov 4-2019
Contractor QC Designate - Print/Sign	Title	Date
Ronny Franken / 	Hatch QA	Nov 4-2019
Hatch QA Designate - Print/Sign	Title	Date





Baffinland Iron Mines Corporation  
Mary River Expansion Project  
H353004

Quality Form  
Site Construction  
Close Out ITP Section

## Final Walk Down Attendance Sheet

Project: Mary River Expansion Project	Contractor: <u>Horizon North</u>	Contract No.: <u>H353004-TX001</u>
Location: <u>Milne Port</u>	Elevation: <u>                    </u>	CWP: <u>N/A</u>
Area: <u>386 Man Camp</u>	Area Description: <u>WWTP</u>	
Inspection Test Plan No.:	Rev:	Issue Date: <u>Nov 5/2019</u>

## Final Walk Down Description

System/Sub System No.:	System/Sub System Description:	
Tag No.:	Tag Description: <u>Waste Water Treatment Plant</u>	
Walk Down Date: <u>Nov 5/2019</u>	Start Time: <u>10:00 AM</u>	Meeting Place: <u>386 man camp office</u>

## Attendees

	Name (Print)	Name (Sign)	Company	Department
1	<u>Jake Anderson</u>		<u>HWCC</u>	<u>ELC</u>
2	<u>Don Fitzgerald</u>		<u>Hatch</u>	<u>E&amp;I</u>
3	<u>Ronny Frank</u>		<u>Hatch</u>	<u>QA</u>
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Contractor QC Manager/Designate	<u>Jake Anderson</u> /	<u>Nov 5/19</u>
Title	Name (Print/Sign)	Date
Hatch QA Manager/Designate	<u>Ronny Frank</u> /	<u>Nov 5-2019</u>
Title	Name (Print/Sign)	Date



Baffinland Iron Mines Corporation  
Mary River Expansion Project  
H353004

Quality Form  
Site Construction  
Close Out ITP Section

## Construction QC Punchlist



Project: <u>Mary River Expansion Project</u>	ITP No.:	CWP: <u>N/A</u> <u>N/A</u>
Contractor: <u>Horizon North</u>	Contract No.: <u>H353004-TX001</u>	Sub-System: _____
Location: <u>Milne Port</u>	Area: <u>386 Man Camp</u>	Area Description: _____
Tag No.:	Tag Description: <u>Waste Water Treatment</u>	Test Package No.:

Discipline Index: M – Mechanical P – Piping C – Civil S – Structural E – Electrical I – Instrumentation

Item	Discipline	Punchlist Item Description	Punch Priority	Date Initiated		Completed	
				Initial	Date	Initial	Date
1	E	Box missing cover		JA	Nov 4/19	JA	Nov 5/19
2	E	Cable not terminated in box		JA	Nov 4/19	JA	Nov 5/19
3	E	XFMR Grounding incorrect		JA	Nov 4/19	JA	Nov 5/19
4	E	Panels not labeled missing schedule		JA	Nov 4/19	JA	Nov 5/19
5	E	Air exchanger supports		JA	Nov 4/19	JA	Nov 5/19
6	E	Tidy wire on ground		JA	Nov 4/19	JA	Nov 5/19
7	E	Tidy binders and loose material		JA	Nov 4/19	JA	Nov 5/19
8	E	mesh cover on stacks		JA	Nov 4/19		
9	E	Receiving station chain on valves		JA	Nov 4/19	JA	Nov 5/19
10	E	Class 1 - Div 2 clarification		JA	Nov 4/19	JA	Nov 5/19

PRIORITY: 1 – Completed Prior to Handover to Pre-OP. Testing 2 – Completed Prior to Hand Over from Pre-Op to Commissioning 3 – Complete Prior to the Completion of Commissioning and Before Pre-Trial 4 – Completed by the end of the trial operation and hand over to operations 5 – Completed before the final performance acceptance is issued.

ITEM LISTED ABOVE ARE AGREED UPON AND SHALL BE TRANSFERRED TO THE MASTER PUNCHLIST: ☒ Yes ☐ No ☐ N/A

<u>Jake Anderson</u> / 	<u>Electrical Lead</u>	<u>Nov 5/19</u>
Contractor QC Designate - Print/Sign	Title	Date
<u>Ronny Franker</u> / 	<u>Hatch QA</u>	<u>Nov 5-2019</u>
Hatch QA Designate - Print/Sign	Title	Date



## **Appendix D**

### **Contact Information as per Components 1 and 2 of the Commercial Lease Requirement**

Company	Address	Contact Numbers
Hatch (Global Corporate Office) (EPCM Contractor)	Sheridan Science & Technology Park 2800 Speakman Drive Mississauga, ON L5K 2R7 Canada	Tel: 1-905-855-7600 Fax: 1-905-855-8270
Nuna East Limited	9839 – 31 Avenue NW Edmonton, AB T6N 1C5 Canada	Tel: 1-780-434-9114 Fax: 1-780-434-7758
Horizon North	10351-144th Avenue NW Grande Prairie, AB T8V 7J9 Canada	Tel :1-866-305-6565

Role	Name	Email
Preparer of Report	Glen Peace, P.Eng.	<a href="mailto:glen.peace@hatch.com">glen.peace@hatch.com</a>
Responsible for Construction	Marlon Coakley	<a href="mailto:marlon.coakley@hatch.com">marlon.coakley@hatch.com</a>
Baffinland Representative	Christopher Murray	<a href="mailto:Christopher.murray@baffinland.com">Christopher.murray@baffinland.com</a>



## **Appendix E**

### **Map to Show Construction in Relation to Lease Boundaries and Water Bodies**



SAVED: C:\Users\kalleng\Documents\4 - Maps\Reporting\CSRM\Line Port\BIM\_Fig 1 MilnePort 380Camp.mxd; 07-Apr-20

