CLARK'S POINT & PORT HEIDEN RURAL POWER SYSTEM UPGRADE PROJECTS
ITB 19041 - MODULAR POWER PLANT ASSEMBLY

CLARK'S POINT MODULAR POWER PLANT ASSEMBLY DESIGN DRAWINGS
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M1.2 WARNING SIGN & FIRE EXTINGUISHER PLAN, SIGN & VALVE TAG SCHEDULES
M2.1 MECHANICAL PENDENCIES PLAN, ELEVATION, & DETAILS
M2.2 MECHANICAL SUPPORT PLANS & DETAILS
M2.3 RADIATOR SUPPORT PLAN & DETAILS
M2.4 MECHANICAL SUPPORT VERTICAL WALL STRUT INSTALLATION
M2.5 EQUIPMENT LAYOUT PLAN, SECTIONS, & DETAILS
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M2.7 GENERATOR FABRICATION DETAILS
M3.1 CYLINDRICAL STORAGE & EXPANSION TANK FABRICATION
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M4.2 COOLANT & HEAT RECOVERY GEOMETRIC DETAILS
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M5.4 USED OIL BLINDER FILTER BANK LAYOUT & CONFIGURATION
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E2.4 FLOOR PLAN
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E2.6 RADIATOR SUPPORTS & STARTING PANELS
E2.7 DRAWERS DETAIL
E2.8 WALL FRAMING DETAILS
E2.9 CEILING TUBE DETAILS
E2.10 MISCELLANEOUS DETAILS
E2.11 STAR ASSEMBLY DETAILS

NOTE: ONE SET OF SHEET DRAWINGS PROVIDED. THE TWO MODULE STRUCTURES ARE IDENTICAL EXCEPT AS NOTED ON SHEET E1.

OWNER FURNISHED MODULE STRUCTURE APPROVED SHOP DRAWINGS

ALASKA ENERGY AUTHORITY
CLARK'S POINT & PORT HEIDEN RURAL POWER SYSTEM UPGRADE PROJECTS
MODULAR POWER PLANT ASSEMBLY
SCHEDULE OF DRAWINGS

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MODULAR POWER PLANT ASSEMBLY
SCHEDULE OF DRAWINGS

STORY ISELIN, INC.
ENGINEERING, INC.
10530 NORTH BEAR AVENUE, JUNEAU, AK 99801
(907) 488-2130
WWW.STORYISELIN.COM

OWNER FURNISHED MODULE STRUCTURE APPROVED SHOP DRAWINGS

E1.1 BASE FRAME PLAN
E2.1 CEILING FRAMING PLAN
E3.1 EXTERIOR ELEVATIONS
E4.1 FLOOR PLAN
E5.1 DECK & CEILING PLATES
E6.1 RADIATOR SUPPORTS & STARTING PANELS
E7.1 DRAWERS DETAIL
E8.1 WALL FRAMING DETAILS
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60 GALLON GLYCOL STORAGE TANK

24 GALLON GLYCOL EXPANSION TANK

STATE OF ALASKA, AIDEA/AEA
RURAL POWER SYSTEM UPGRADE

CONSTRUCTION DOCUMENTS

ISSUED FOR CONSTRUCTION: JANUARY 2019

M3.4
1. SWITCHGEAR ENCLOSURE LAYOUT

2. GENSET CONTROL (CC) INTERFACE CONTROLS
NOTE: THIS DRAWING INCLUDES DETAILS THAT ARE NOT PART OF THE MODULE ASSEMBLY SCOPE AND IS PROVIDED STRICTLY FOR IDENTIFYING LOCATIONS, INSTALLATION DETAILS, AND SPECIFICATIONS FOR DOORS AND WINDOWS.
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VENTILATION PLAN

INTAKE DUCT INSTALLATION

EXHAUST FAN INSTALLATION

VENTILATION SYSTEM DESCRIPTION (SITE NOTES):

1. EXISTING EXHAUST EXHAUST STACK AS PART OF MILL BUILDING.
2. EXISTING EXHAUST EXHAUST STACK AS PART OF MILL BUILDING.
3. EXISTING EXHAUST EXHAUST STACK AS PART OF MILL BUILDING.
4. EXISTING EXHAUST EXHAUST STACK AS PART OF MILL BUILDING.

NOTES:
1. EXISTING MOUNTING PLANE TO BE 200MM STAINLESS STEEL, 200MM STAINLESS STEEL, 200MM STAINLESS STEEL.
2. EXISTING MOUNTING PLANE TO BE 200MM STAINLESS STEEL, 200MM STAINLESS STEEL.
3. EXISTING MOUNTING PLANE TO BE 200MM STAINLESS STEEL, 200MM STAINLESS STEEL.
4. EXISTING MOUNTING PLANE TO BE 200MM STAINLESS STEEL, 200MM STAINLESS STEEL.

TYPICAL WALL PENETRATION

ISSUED FOR CONSTRUCTION
JANUARY 2019
FRONT PANEL LAYOUT

SUB PANEL LAYOUT

TB-2 TERMINAL STRIP AND PP-1 ETHERNET PATCH PANEL LAYOUT

TB-1 TERMINAL STRIP LAYOUT

NOTE:

1. MBibus terminal strip numbers and Ethernet patch panel numbers are shown for reference. Use the actual numbers on the panel to accommodate connections.

2. A 2.5kΩ pull-up resistor is not used with 1970-1977 models. A 2.5kΩ pull-up resistor is used with 1978-1987 models.

3. Terminal strip numbers are used for reference. Use the actual numbers on the panel to accommodate connections.

4. A 2.5kΩ pull-up resistor is not used with 1970-1977 models. A 2.5kΩ pull-up resistor is used with 1978-1987 models.

5. Terminal strip numbers are used for reference. Use the actual numbers on the panel to accommodate connections.

6. A 2.5kΩ pull-up resistor is not used with 1970-1977 models. A 2.5kΩ pull-up resistor is used with 1978-1987 models.

7. Terminal strip numbers are used for reference. Use the actual numbers on the panel to accommodate connections.

8. A 2.5kΩ pull-up resistor is not used with 1970-1977 models. A 2.5kΩ pull-up resistor is used with 1978-1987 models.

9. Terminal strip numbers are used for reference. Use the actual numbers on the panel to accommodate connections.

10. A 2.5kΩ pull-up resistor is not used with 1970-1977 models. A 2.5kΩ pull-up resistor is used with 1978-1987 models.

11. Terminal strip numbers are used for reference. Use the actual numbers on the panel to accommodate connections.

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Submittal review is only for ascertaining general conformance with the Contract Documents. Approval does not relieve the Contractor of responsibility for full compliance with the Contract Documents.

By: ____________________ Date:____________

PO Box 111405
Anchorage, AK
P (907) 349-0100
F (907) 349-8001
1-7-19
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By: ____________________ Date:____________
On Port Heiden the center pedestals are aligned with the left set.
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By: ____________________ Date:____________

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1-7-19
2 ea. ~ WALL FRAMES ~ 4B

12 ea. ~ ANGLE MOUNTS ~ 4D

3 ea. ~ CEILING FRAMES ~ 4C

3 ea. ~ WALL FRAMES ~ 4F

BILL OF MATERIAL

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