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project

CARIBOU/WOOD
ISLANDS RAMP LIFTING
MECHANISM UPGRADE

WOOD ISLANDS
DEMOLITION AND NEW
MECHANICAL PLAN

WOOD ISLANDS, P.E.I.

| | | |
|-----------------|--------------|-----------------------|
| designed | J.L. | conçu |
| date | 2014/10/29 | |
| drawn | J.W. | dessiné |
| date | 2014/10/29 | |
| approved | K.B. | approuvé |
| date | 2014/10/29 | |
| Project Manager | | Responsable de projet |
| project number | R.064790.001 | no. du projet |
| drawing no. | PEI-M1 | no. du dessin |

REMOVE EXISTING INDOOR HYDRAULIC POWER UNIT FOR INSTALLATION OF NEW HYDRAULIC POWER UNIT.

REMOVE EXISTING INDOOR CONTROL STATION AND ASSOCIATED CONTROL WIRING & SENSORS

MAKE A NOTE OF THE EXISTING ELEVATIONS OF THE LIMIT SWITCHES LOCATED ON THE COUNTERWEIGHT STRUCTURE. REMOVE SWITCHES.

REMOVE EXISTING EXHAUST FAN FOR INSTALLATION OF EF-1.

REMOVE EXISTING
OUTDOOR CONTROL
STATION.

REMOVE EXISTING FLEXIBLE AND RIGID
HYDRAULIC TUBING, PIPING AND PIPING
SUPPORTS IN THEIR ENTIRETY.

REMOVE EXISTING HYDRAULIC WINCHES,
SHEAVES, AND KEVLAR ROPE, (TYP. OF 2).

EXISTING/DEMO MECHANICAL PLAN - WOOD ISLANDS

1
PEI-M1

SCALE: 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

EXHAUST FAN EF-1 MOUNTED AT 1900 AFF. FAN COMPLETE WITH BIRDSCREEN, GRAVITY BACKDRAFT DAMPER AND DISCONNECT. REVERSE ACTING THERMOSTAT BY DIV 26.

NEW HYDRAULIC POWER UNIT LOCATED IN SPACE OCCUPIED BY EXISTING HYDRAULIC POWER UNIT, APPROXIMATELY 882X1530 FOOTPRINT.

NEW INDOOR CONTROL STATION. ENSURE STATION IS DESIGNED FOR ERGONOMIC OPERATION AND DOES NOT IMPACT ON EXISTING SERVICES.

HYDRAULIC TUBING TO CONTROL BOOTH. SEE SCHEMATIC 1/M3.

350X350 OUTSIDE AIR INTAKE MOUNTED AT 2700AFF. OUTSIDE AIR INTAKE COMPLETE WITH WEATHERHOOD, BIRD SCREEN AND MOTORIZED DAMPER (MD-1).

PIPE SLEEVE ON STAINLESS STEEL HYDRAULIC TUBING TO CONTROL BOOTH, TYP OF 6.

INSTALL NEW LIMIT SWITCHES ON THE COUNTERWEIGHT STRUCTURE AT THE SAME ELEVATION AS NOTED FOR THE EXISTING SWITCHES.

NEW HYDRAULIC
WINCH, TYP OF 2.

NEW STAINLESS
STEEL AND FLEXIBLE
HYDRAULIC TUBING.

NEW OUTDOOR
CONTROL STATION.

NEW MECHANICAL PLAN - WOOD ISLANDS

2
PEI-M1

SCALE: 1:100

0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m