



O	ISSUED FOR TENDER	01/17/22
B	ISSUED FOR REVIEW	12/10/22
A	ISSUED FOR REVIEW	11/06/22
revisions		date

project
**CONSTRUCTION &
REFURBISHMENT OF
BAY CLASS SAR LIFEBOAT
MARINE INFRASTRUCTURES
BURIN, NL**

drawing
NEW SITE PLAN

designed R.J. conçu
date JANUARY 2022
drawn K.N. dessiné
date JANUARY 2022
approved approuvé
date
Tender Soumission
PWSC Project Manager Administrateur de projets TPSC
project number no. du projet
R.116548.001
drawing no. no. du dessin
E2

ALL EQUIPMENT AND EXPOSED NON-CURRENT CARRYING METAL, CONDUITS AND PARTS TO BE PERMANENTLY AND EFFECTIVELY GROUNDED TO MEET MINIMUM REQUIREMENTS OF THE CEC SECTION 10. STANDARDS SET EITHER BY DRAWINGS OR SPECIFICATIONS WHICH ARE ABOVE THOSE COVERED BY THE C.E.C. SECTION 10 ARE NOT TO BE REDUCED UNDER ANY CIRCUMSTANCES.

REUSE EXISTING PULL BOXES AND MOUNTING HARDWARE AT TANKS FOR MOUNTING OF SENSORS. COORDINATE REQUIREMENTS WITH MECHANICAL DIVISION.

ALL ELECTRICAL CONNECTIONS TO FUEL DISPENSER, DIESEL TANK, WASTE OIL TANK SHALL BE MADE IN ACCORDANCE WITH SECTION 18 OF THE CANADIAN ELECTRICAL CODE FOR CLASS 1, ZONE 1 HAZARDOUS AREAS. WIRING METHODS INSIDE BOTH FUEL TANKS SHALL MEET CLASS 1, ZONE 0 REQUIREMENTS. PROVIDE EXPLOSION-PROOF CONNECTORS AT BOTH ENDS OF CABLES FEEDING TRANSDUCERS, VACUUM SWITCHES AND LEVEL SWITCHES.

FOR ALL BOLLARDS, REFER TO CIVIL FOR DETAILS.

APPROXIMATE LOCATION OF EXTENDED CONDUITS TO STUB UP WITHIN READY LOCKER. CONTRACTOR TO CONFIRM EXACT LOCATION ON SITE WITH OWNER REPRESENTATIVE. CONTRACTOR TO EXTEND CONDUIT AS REQUIRED TO POWER EXISTING ELECTRICAL DEVICES LOCATED WITHIN READY LOCKER.

NEW LOCATION OF EXISTING POWER PEDESTAL.
CCTS:
D2
D4

NEW LOCATION OF READY LOCKER
CCTS:
D1,3
D5
D7
D9

WIRING AND CONDUITS TO RUN TO NEW LOCATIONS OF WASTE OIL TANK, DIESEL TANK, PUMP HOUSING

NEW LOCATION OF WASTE OIL AND DIESEL TANKS.
CCTS:
D6
D8

NEW LIGHT POLE #3
CCT: D20

NEW PEDESTAL #1
CCTS:
D10
D12
D14
AND 150A AND 100A RECEPTACLES FED FROM SERVICE ENTRANCE BOARD. SEE DRAWING E4 FOR DETAILS.

TYPICAL BOLLARDS. SEE CIVIL DRAWINGS FOR DETAILS.

NEW LIGHT POLE #1
CCT: D16
SEE DRAWING E6 FOR DETAILS.

NEW LIGHT POLE #2
CCT: D18
SEE DRAWING E6 FOR DETAILS.

LOCATION OF EXISTING CONDUIT. EXTEND CONDUIT AS REQUIRED TO NEW READY LOCKER SHED LOCATION.

LOCATION OF EXISTING CONDUIT. EXTEND CONDUIT AS REQUIRED TO ELECTRICAL ROOM WITHIN SAR OPERATIONS BUILDING.

NEW WIRING IN EXISTING CONDUIT.

NEW WIRING IN NEW CONDUIT.

APPROXIMATE LOCATION OF NEW HEAVY DUTY POLYMER CONCRETE PULL BOX. ENCLOSURE TO BE FLUSH MOUNTED TO NEW SLAB AND RATED FOR VEHICLE USE. SIZE TO SUIT. COORDINATE ON SITE.

SEE DRAWING E4 FOR NEW WHARF LAYOUT.

OVERHANG

OVERHANG

SAR STATION

ELECT ROOM

WOODEN STAIRS

CANOPY

SEE CONDUIT L.B. INTO SHED DETAIL ON DRAWING E3.

APPROXIMATE LOCATION OF NEW HEAVY DUTY POLYMER CONCRETE PULL BOX. ENCLOSURE TO BE FLUSH MOUNTED TO NEW SLAB AND RATED FOR VEHICLE USE. SIZE TO SUIT. COORDINATE ON SITE.

NEW SITE PLAN

SCALE : 1:100

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

