

NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) TOPO COMPLETED OCTOBER 17, 2019
SOUNDINGS COMPLETED SEPTEMBER 03, 2015

SOUNDER TYPE: SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST VEL. OF SOUND 1520 m/s
DEPTH GATE USED N/A FREQ. OF TRANS. 210 kHz

POSITIONING SYSTEM USED TRIMBLE R7 GNSS DGPS (WITH OTF)
LAND SURVEY POSITION BY TRIMBLE R7 GNSS DGPS (WITH OTF)
DATA TAP/DISC(S) USED
CAD DRAWING FILE(S)
TIDE REDUCTION SCHEME

OFFICE PROCESSOR EDDIE BEARNS
DATE OF PROCESSING OCTOBER 2019
MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH
REDUCTION OF MATRIX CELLS

CONTROL POINTS:
PL. NAME EASTING NORTHING CD ELEV DESCRIPTION
8162017 334142.477 5284705.218 PROVINCIAL BRASS PLAQUE SET IN CONCRETE
8162018 334380.591 5284715.811 PROVINCIAL BRASS PLAQUE SET IN CONCRETE
PWC 1-96 333684.142 5284297.525 NAIL RAMSET IN CONCRETE DECK
PWC 2-96 333689.775 5284411.551 SPIKE DRIVEN FLUSH IN PAVEMENT
PWC 3-96 333693.649 5284376.187 SPIKE DRIVEN FLUSH IN PAVEMENT
CHS 1-1983 333702.280 5284266.841 NAIL RAMSET IN CONCRETE DECK
CHS 2-1983 333708.900 5284361.520 CHS BRASS PLAQUE IN CONCRETE FLOOR
BM 923497 333678.900 5284411.170 GEODETIC BRASS PLAQUE IN CONCRETE BASE

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS 1-1983 ELEV. +3.086 m (BRASS PLAQUE SET IN CONCRETE FOUNDATION OF BUILDING NEAR GOVERNMENT WHARF)

SOUNDINGS TAKEN USING NAVSOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE R7 GNSS DIFFERENTIAL GPS POSITIONING SYSTEM SEPTEMBER 03, 2015 BY PWGSC SURVEY CREW.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 22, USING THE NORTH AMERICAN DATUM OF 1983 (NAD83).

SOUNDINGS WERE REDUCED BY DIGITRACE & RE-CHECKED FROM SOUNDING CHARTS BEFORE BEING CORRECTED FOR TIDE & BAR CHECK CORRECTION.

SOUNDINGS WERE REDUCED USING HYPACK MAX VER. 2013.13.

SPEED OF SOUND WAS OBTAINED BY "BAR CHECK" METHOD.

ALL FIELD NOTES ARE IN HARBOUR GRACE BOOK #260.

LEGEND

SYMBOLS

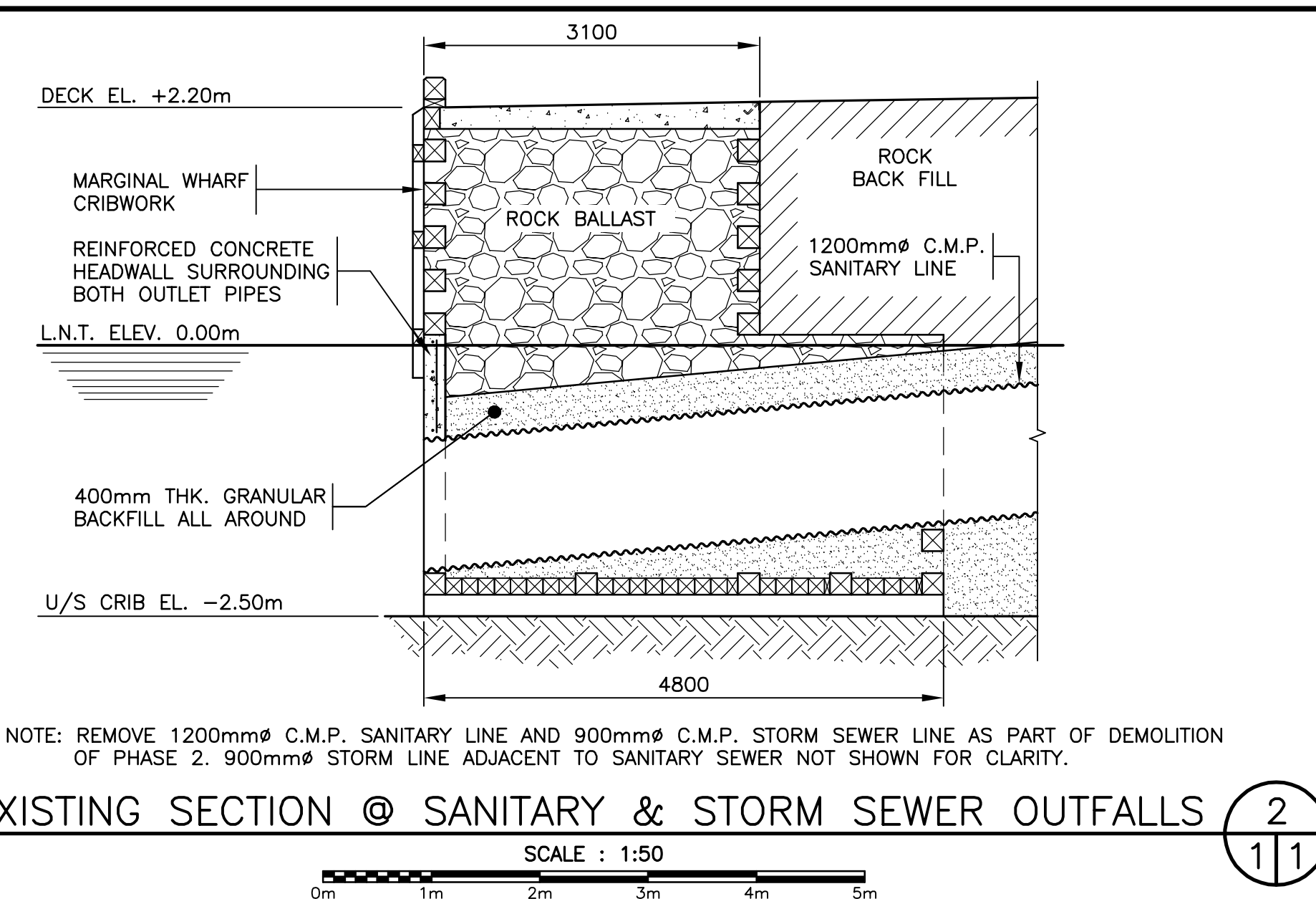
ANCHOR BLOCK
BOLLARD
BORDO
BOUNDARY MARKER
CARD POSITION BUOY
CATCH BASIN
CLEAT
CULVERT
DRAIN
DISPOSAL
DREDGE CONTROL
ELECTRICAL OUTLET
FIRE HYDRANT
FIRST AID
FISH HANDLING EQUIP.
FOG HORN
FUEL PUMP
H PILE
HORIZONTAL CONTROL
ICE PLANT
INVERT PIPE
JUG
LADDER
LIFE RING
LIGHT STANDARD
MANHOLE
MARSH
MART/TOWER
NAVIGATION LIGHT
OBSERVED SPUR BUOY
OBSERVED SPUR BUOY
RANGE LIGHT
SAFETY POST
SEWER OUTFLOW PIPE
SIGN
TELEPHONE POLE
TELEPHONE POLE
TIDE GAUGE/STAFF
TREE
UTILITY POLE
VERTICAL CONTROL
WATER TAP/OUTLET
WATER VALVE
WATER WELL
WOOD PILE

LINE TYPE

ARMOUR STONE
CL. RAILROAD
DRAIN PIPE
EDGE ROAD / SHOULDER
EDGE LINE
FENCIBLE
FLUATING WAVEBREAK
GUARD RAIL
HIGH WATER MARK
LOW WATER MARK
MARSH OUTLINE
PROPERTY BOUNDARY
RANGE LIGHT EXTENSION
RETAINING WALL
RIEPP
TOE OF BANK
TREE LINE
UNDERGROUND CABLE

DEMOLITION NOTES:

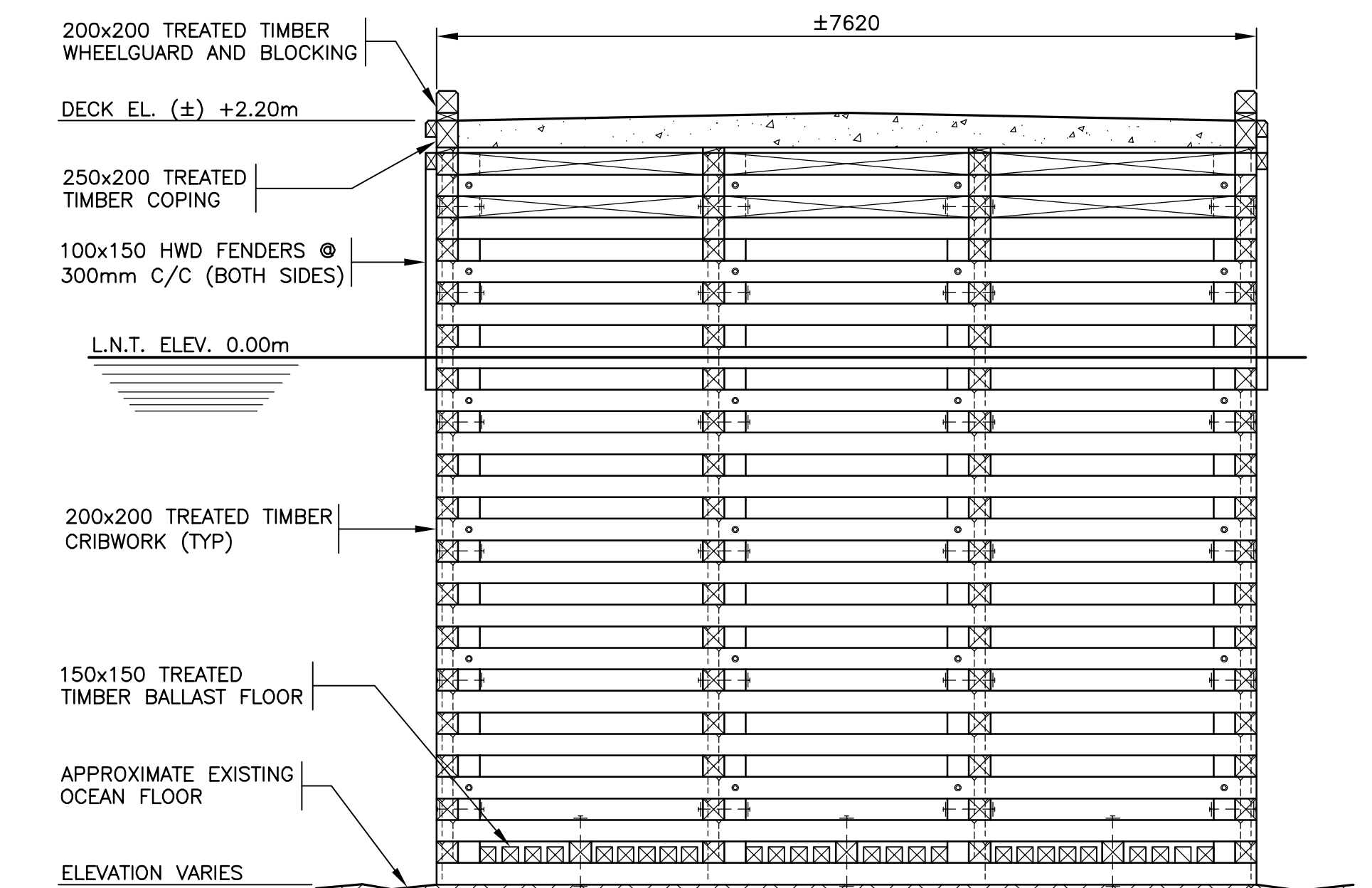
- FOR PHASE 1 DEMOLITION: CONTRACTOR SHALL REMOVE IN ITS ENTIRETY, EXISTING WHARVES, #405, #406, #402 AND #407. THIS SHALL INCLUDE ALL POWER PEDESTALS, LIGHT POLES AND FIXTURES. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WITH OWNER AS REQUIRED. DURING DEMO OF PHASE 1, PHASE 2 ELECTRICAL SHALL REMAIN OPERATIONAL FOR DURATION OF PHASE 1 CONSTRUCTION. UPON COMPLETION OF PHASE 1 CONSTRUCTION, ELECTRICAL SHALL BECOME OPERATIONAL FOR DURATION OF PHASE 2 CONSTRUCTION.
- FOR PHASE 2 DEMOLITION: CONTRACTOR SHALL REMOVE IN ITS ENTIRETY, EXISTING WHARF #404. THIS SHALL INCLUDE ALL POWER PEDESTALS, LIGHT POLES, FIXTURES AND JIB CRANE. CONTRACTOR SHALL ALSO REMOVE IN ITS ENTIRETY EXISTING LAUNCHWAY.
- ALL ELECTRICAL DEMOLITION SHALL BE COORDINATED WITH APPROPRIATE AUTHORITIES TO ENSURE SAFE DISCONNECTION OF SERVICES PRIOR TO ANY DEMOLITION OR REMOVAL OF ELECTRICAL EQUIPMENT AND OR FIXTURES. COORDINATE ALL RECONNECTIONS FOR ELECTRICAL POWER SUPPLIED TO NEW WHARF POWER PEDESTAL WITH ELECTRICAL.
- CONTRACTOR SHALL DREDGE AREA INDICATED BY SHADING IN EACH PHASE OF WORK DOWN TO -3.00m BELOW L.N.T.
- CONTRACTOR SHALL COORDINATE PHASING WITH STAKEHOLDERS TO ENSURE REGULAR SITE OPERATIONS SHALL CONTINUE TO RUN SMOOTHLY DURING DEMOLITION AND CONSTRUCTION OF PHASE 1 AND PHASE 2.
- CONTRACTOR SHALL COORDINATE REMOVAL OF STORAGE CONTAINERS, VESSELS AND SHEDS ON SITE, UNLESS NOTED, WITH OWNERS TO FACILITATE DEMOLITION AND RECONSTRUCTION AS PER TENDER DRAWINGS.
- THE TOWN AND HARBOUR AUTHORITY OF HARBOUR GRACE WILL BE ENGAGING A SEPARATE CONTRACTOR TO RELOCATE ITS STORM AND SANITARY SEWER INFRASTRUCTURE FROM DFO PROPERTY TO TOWN PROPERTY. MARINE CONTRACTOR SHALL REMOVE ALL EXISTING UNDERGROUND ELECTRICAL, SEWER LINES, CATCH BASINS AND MANHOLES ON SITE. PRIOR TO THE COMMENCEMENT OF THE REMOVAL OF SITE INFRASTRUCTURE, CONTRACTOR SHALL COORDINATE DIRECTLY WITH THE TOWN TO ENSURE THE REMOVAL OF SAID INFRASTRUCTURE SHALL NOT IMPACT THE TOWN OR ITS CONTRACTOR. REINSTATEMENT AND REROUTING OF ABOVE MENTIONED LINES TO TOWN PROPERTY SHALL BE THE RESPONSIBILITY OF THE TOWN AND ITS CONTRACTOR AND SHALL NOT FALL UNDER THIS CONTRACT. HOWEVER, MARINE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ALL NEW SITE INFRASTRUCTURE AS SPECIFIED AND SHOWN ON SHEET C3.
- SEE SHEET C3 FOR NEW SITE PAVING AND GRADING DETAILS.
- CONTRACTOR SHALL SALVAGE ALL EXISTING LIFE RINGS AND HOLDERS DURING DEMOLITION AND REMOVAL AND TURN OVER TO THE HARBOUR AUTHORITY.



EXISTING SECTION @ SANITARY & STORM SEWER OUTFALLS (11)



EXISTING SITE PLAN (11)



SECTION - EXISTING FINGER PIER (TYP.) (3)

SMALL CRAFT HARBOURS



NOTES

- ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
- DO NOT SCALE FROM DRAWINGS.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO PROCEEDING WITH ANY PORTION OF THIS WORK.



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
This Permit Allows
DILLON CONSULTING LIMITED
To Practice Professional Engineering
in Newfoundland and Labrador.
Permit No. as issued by PEGNL D0161
which is valid for the year 2021

0	ISSUED FOR TENDER	DEC. 13 2021
D	ISSUED FOR PRE-TENDER REVIEW	NOV. 26 2021
C	ISSUED FOR FINAL REVIEW	SEPT. 09 2020
B	ISSUED FOR 99% REVIEW	MAR. 30 2020
A	ISSUED FOR 66% REVIEW	NOV. 19 2019
revisions		date
project		project

WHARF RECONSTRUCTION HARBOUR GRACE, NL

EXISTING SITE PLAN, DEMOLITION, PHASE 1 & PHASE 2

designed S. PEARCE
date FEBRUARY 2020
drawn B. SCAPLEN
date FEBRUARY 2020
approved
Tender Paul Curran
DFO Project Manager
project number
no. du projet
no. du dessin

C2-00201

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