FISHERIES AND OCEANS

STRUCTURAL UPGRADES TO SALMON ELEVATOR AT

RED INDIAN LAKE FISHWAY

MILLERTOWN, NL

PROJECT NUMBER: F6879-151011

CLIENT/OWNER:

DEPARTMENT OF FISHERIES & OCEANS REAL PROPERTY, SAFETY AND SECURITY



C-1.01 SITE PLAN

S-1.01 EXISTING AS BUILT

S-1.02 EXISTING AS BUILT

S-2.01 FISHWAY MODIFICATIONS

S-2.02 STRUCTURE REPAIRS

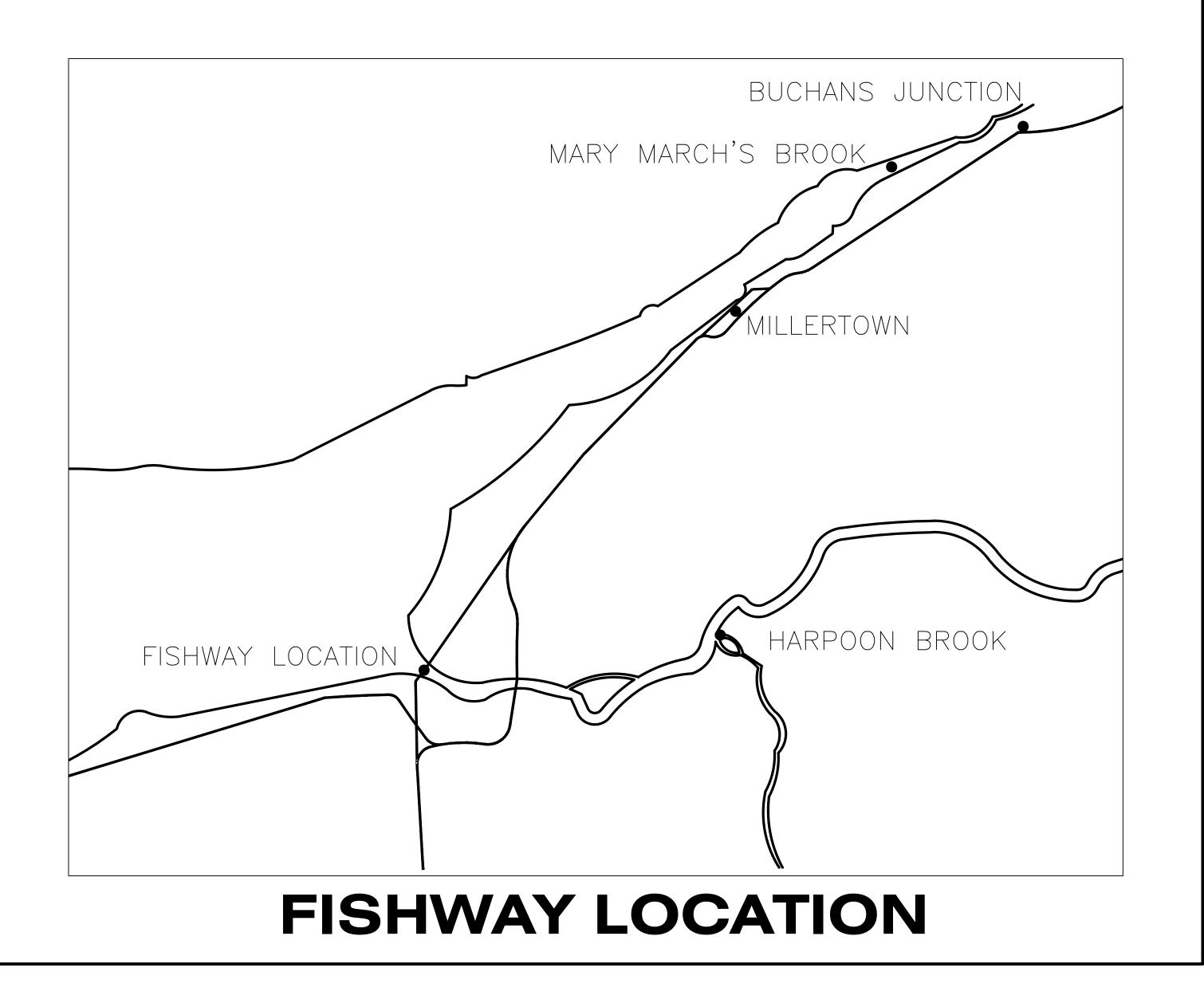
S-2.03 STRUCTURE REPAIRS

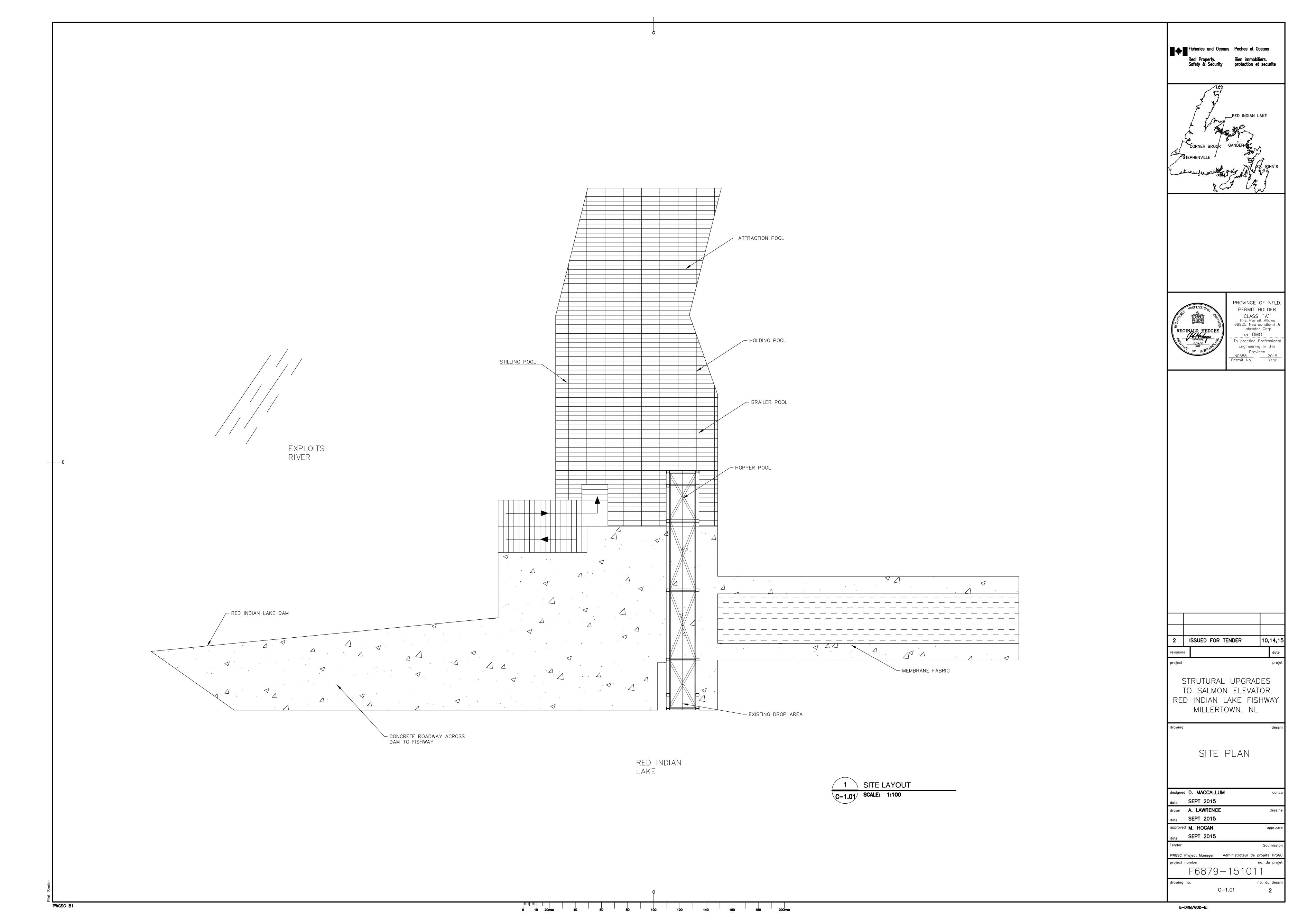
S-3.01 REPAIR REQUIREMENT PHOTOS

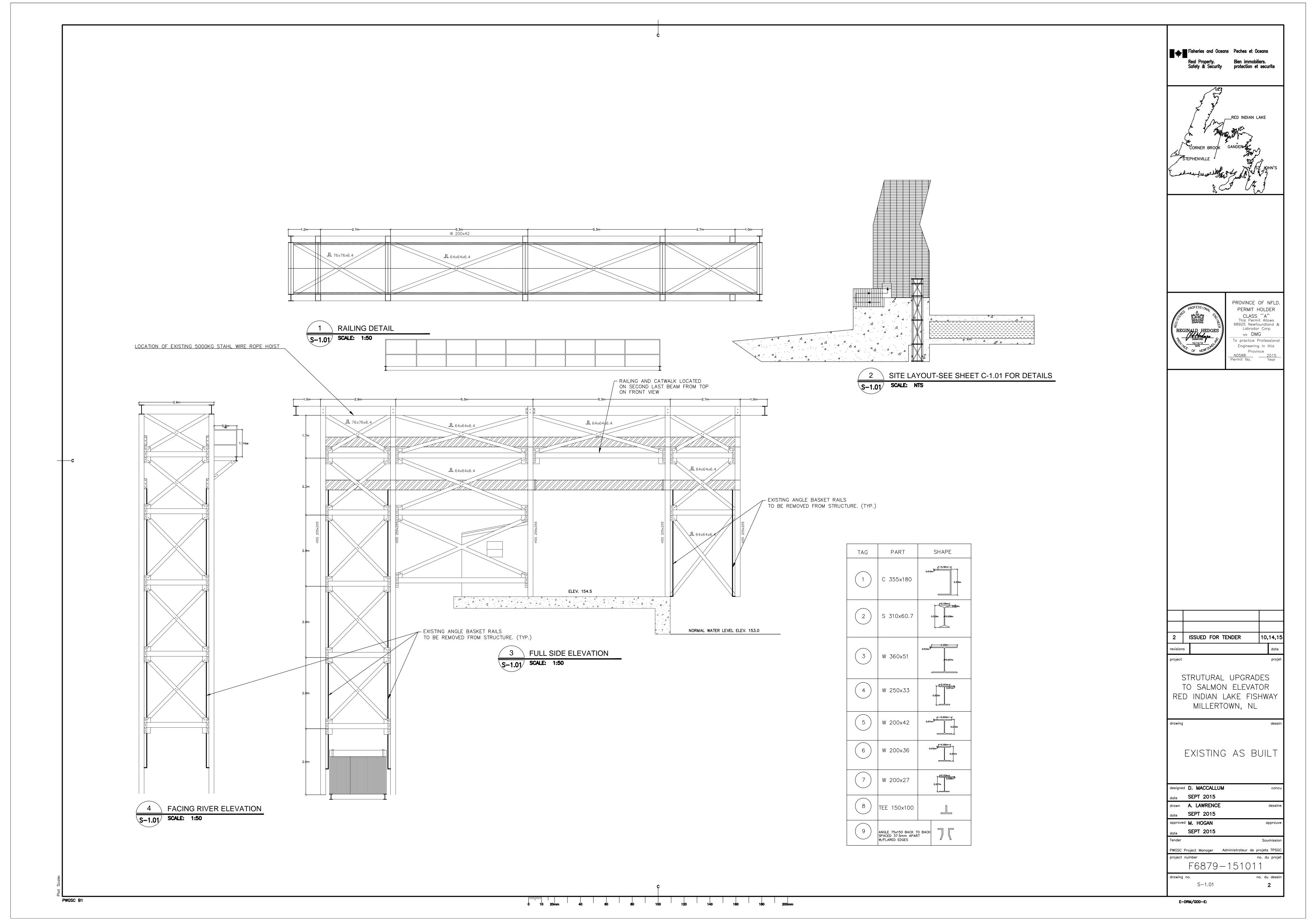
S-3.02 NEW STRUCTURE PLAN

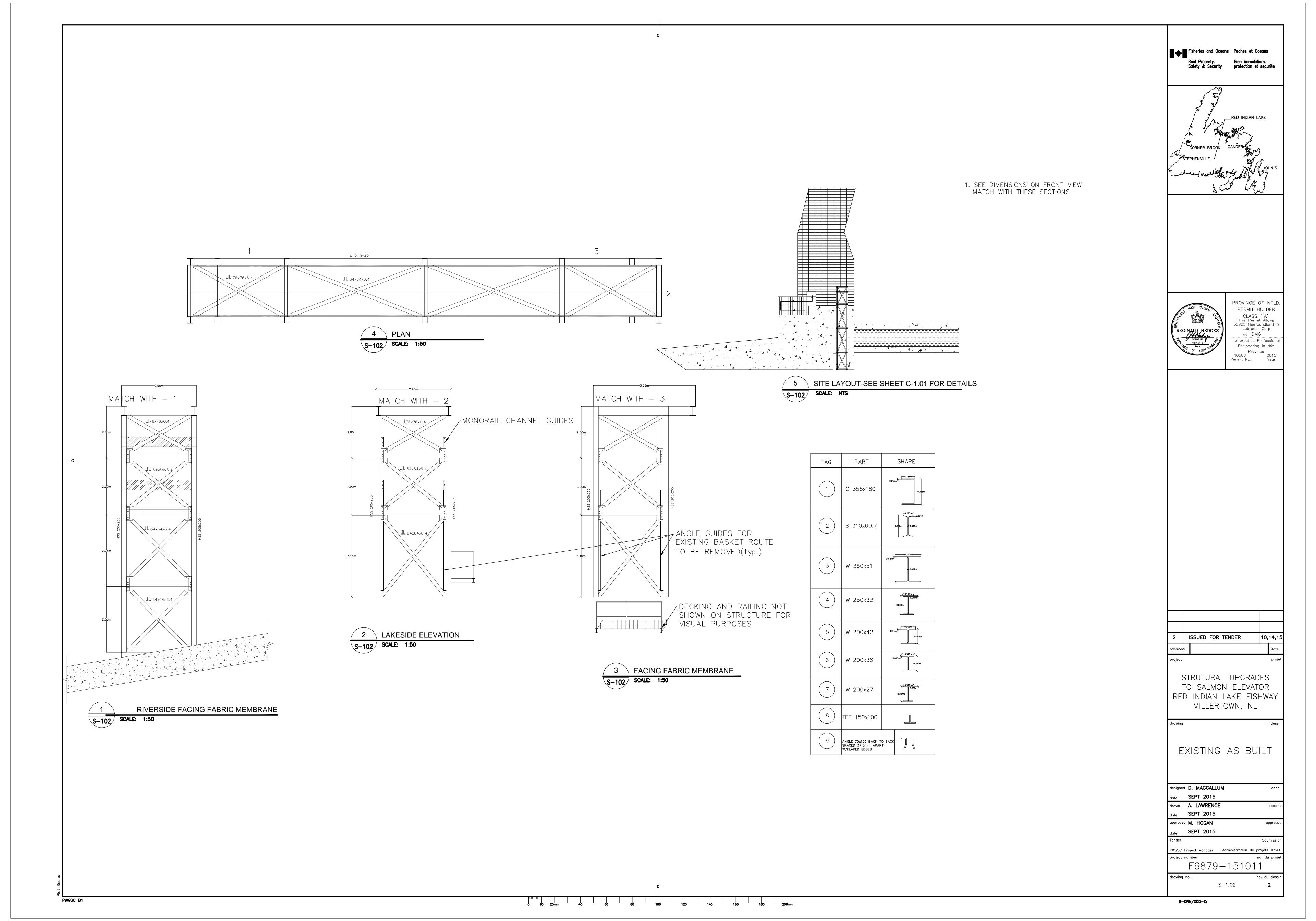
S-3.03 PROPOSED FISHWAY COUNTER CHUTE

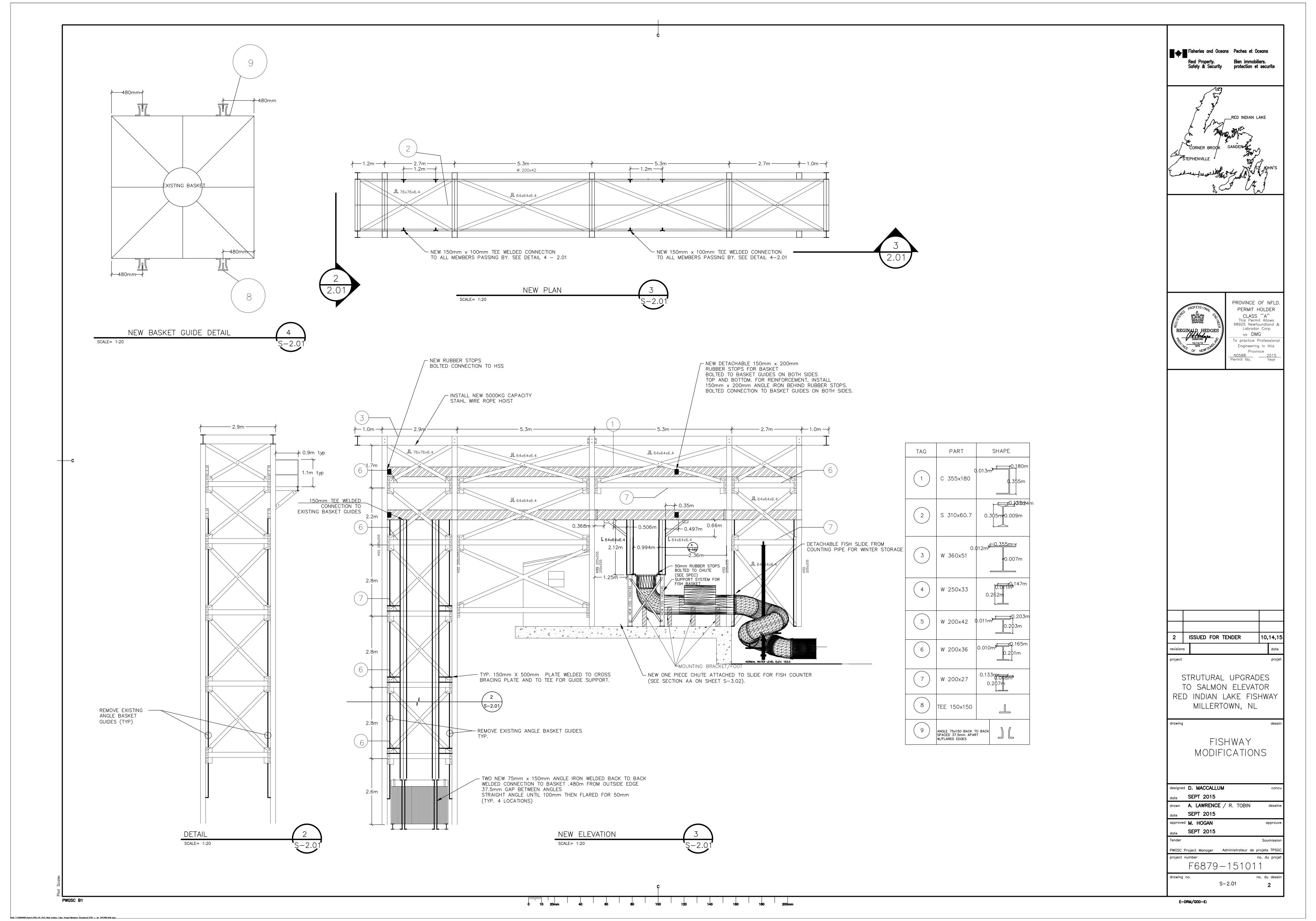
ISSUED FOR TENDER: OCTOBER 14, 2015

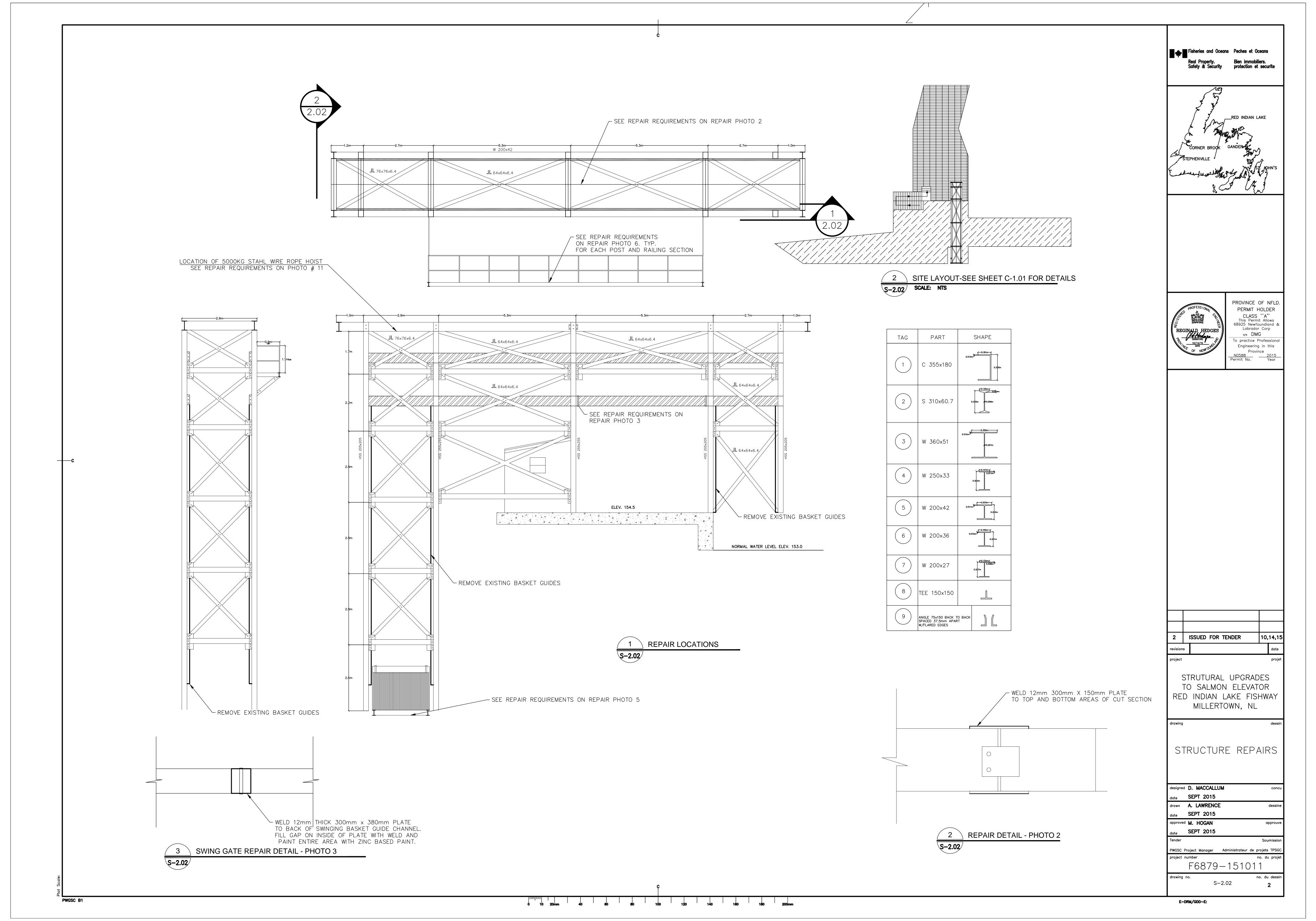


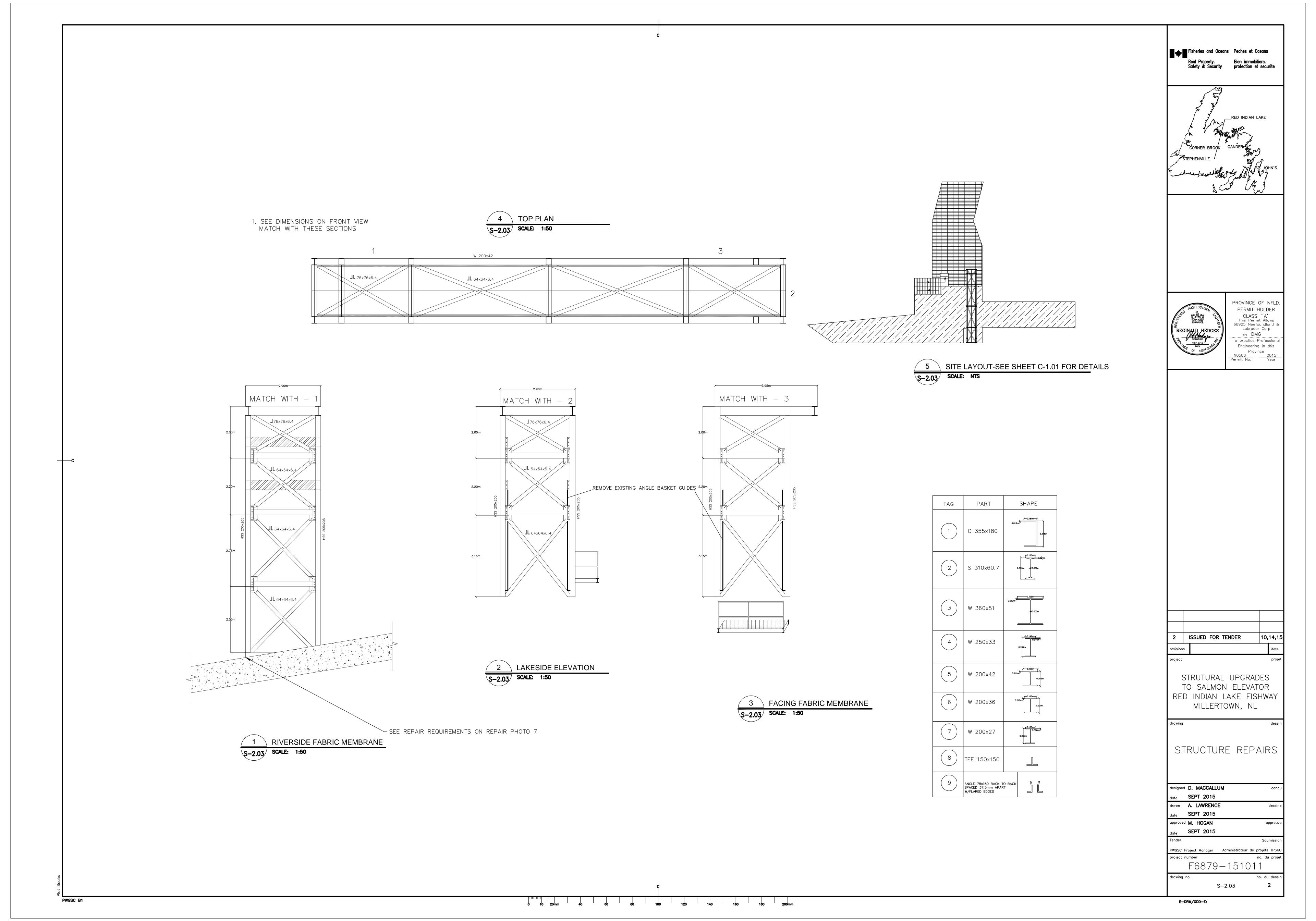








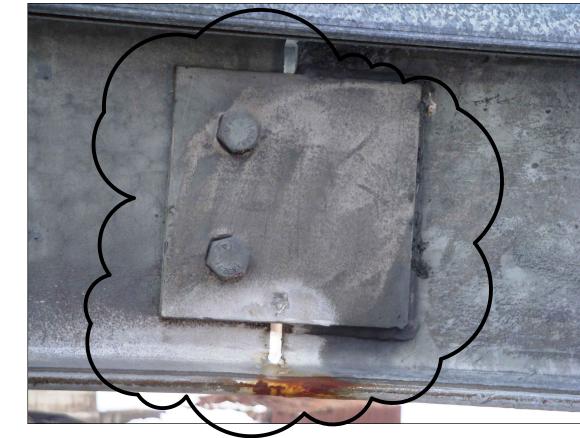






NOTE 1: REMOVE ALL ANGLE IRON FROM FISH BASKET.

NOTE 5:



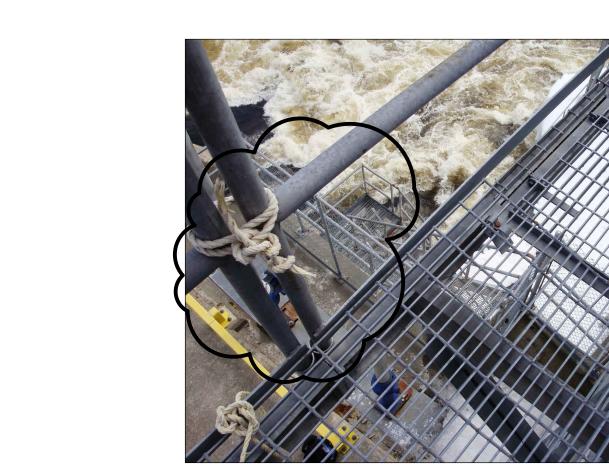
NOTE 2:
WELD 300mm OF PLATE TO
TOP AND BOTTOM OF FLANGE.
SEE DETAIL 2 ON S-2.02.



NOTE 3:
WELD PLATE ON BACK SIDE OF C CHANNEL ON BOTH SIDES.
NO LONGER NEEDED TO SWING.
SEE DETAIL ON S-2.02.



NOTE 4:
TYP. LIGHTLY SAND AREAS(20m²) WITH
SURFACE RUST AND PAINT WITH ZINC RICH
PAINT.



NOTE 6:
WELD RAILINGS TO SUPPORT CHANNEL
HOUSING TO ELIMINATE MOVEMENT. ENSURE
GRATE DECKING PROPERLY SECURED TO
SUPPORT CHANNEL



NOTE 7:
REMOVE IMPROPER MATERIALS AND FILL
REQUIRED AREAS WITH CEMENT OR GROUT TO
MATCH EXISTING. REPAIR CUT OUT STEEL WITH
PLATE 150mm x 150mm



NOTE 8: TYP. CUT OUT AND REPLACE 1.3m 50mm GALVANIZED STEEL PIPE FOR RAILING WHERE CRACKED/SPLIT.

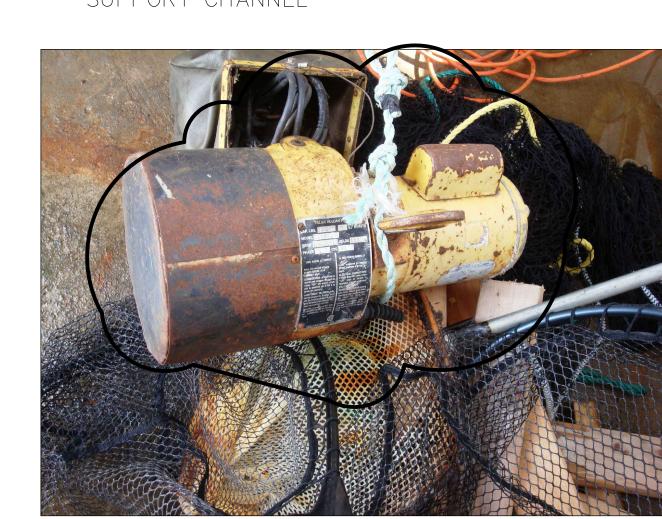


CUT OUT AND REPLACE BOTTOM OF BASKET

FOR FISH CHUTE. SEE DETAIL 5 ON S-3.03

WITH 15mm PLATE SLOPED TO EXISTING LATCH

NOTE 9:
REMOVE DAMAGED RAILING AND REPLACE
TO MATCH EXISTING. 16m OF TYPICAL
RAILING INCLUDING 150mm KICK PLATE
ALONG BOTTOM.



NOTE 10: REPLACE EXISTING VULCAN WIRE ROPE HOIST:

SUPPLY TO THE OWNER, ONE (1) NEW VULCAN HOIST MODEL HOU2A07 -115AMP/1/60HZ-20-ONE TONNE WIRE ROPE HOIST COMPLETE WITH 20 HOUQZINC TREATED CHAIN, HOUAZINC-HOOK- 1F HOOK TREATMENT, HOUAACIDITY MOTOR TREATMENT, HOUATEFC MOTOR, HOUASYNTHETIC OIL, HOUPANA30 CHAIN CONTAINER, LIFT, CABLE AND HOUAREMOTE4 ONE (1) RECEIVER AND TWO (2) RADIO TRANSMITTERS AND WIRED CONTROLLER BACKUP



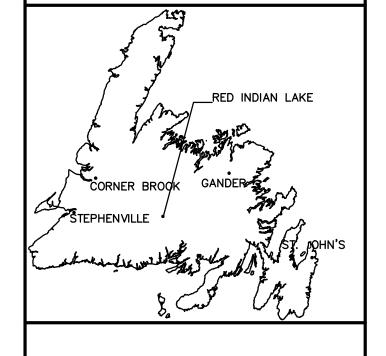
NOTE 11:
REMOVE & DISPOSE OF EXISTING STAHL WIRE
ROPE HOIST AND INSURE ALL ELECTRICAL
CONNECTIONS ARE PROPERLY DISCONNECTED AND
MADE SAFE.

REPLACE EXISTING WIRE ROPE HOIST WITH A NEW STAHL WIRE ROPE HOIST.
SUPPLY AND INSTALL ONE (1) NEW 5000 KG CAPACITY STAHL MODEL

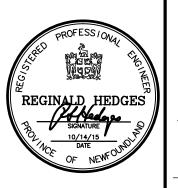
SH-401220410L2K22A-575AMO/3/60HZ-WIRE ROPE HOIST COMPLETE WITH ZZ- DERATING WRH, HEATER SYSTEM AND TE-PNT-R1521-722 RADIO CONTROL SYSTEM WITH TWO (2) RADIO TRANSMITTERS AND WIRED CONTROLLER FOR BACKUP. RECONNECT TO ELECTRICAL SUPPLY AND TEST OPERATION.



NOTE 12:
ADD KICK PLATE TO AREA — 1.8m 150mm
PLATE WELDING FROM POST TO POST ON
RAILING



Fisheries and Oceans Peches et Oceans



PROVINCE OF NFLD.

PERMIT HOLDER

CLASS 'A'
This Permit Allows
68925 Newfoundland &
Labrador Corp
o/s DMG

To practice Professional
Engineering in this
Province
N0588 2015
Permit No. Year

NOTE:

CHECK ALL NUTS AND BOLTS.
TIGHTEN WHERE NECESSARY
AND REPLACED WHERE
MISSING.

USE NOMINAL 12mm GALVANIZED STEEL STEEL FOR ALL PLATE REPAIRS

2 ISSUED FOR TENDER 10,14,15
revisions date

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TO SALMON ELEVATOR
RED INDIAN LAKE FISHWAY
MILLERTOWN, NL

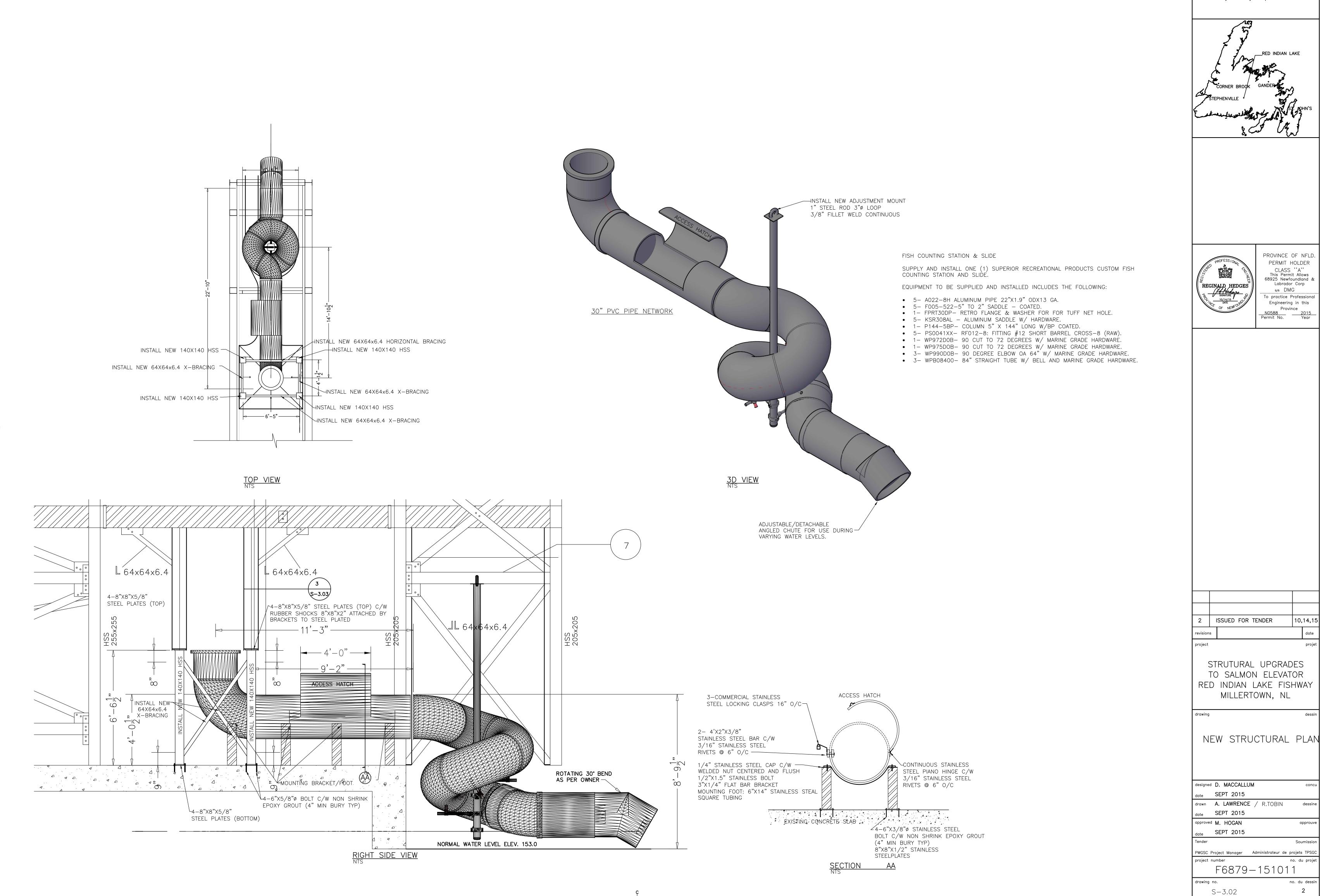
drawing

REPAIR REQUIREMENT PHOTOS

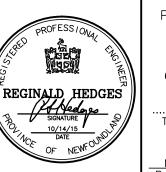
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S - 3.01

PWGSC B1



Real Property. Bien immobiliers. Safety & Security protection et securite



PROVINCE OF NFLD. PERMIT HOLDER CLASS ''A''
This Permit Allows 68925 Newfoundland & Labrador Corp o/s DMG o practice Professiona Engineering in this Province N0588 2015 Permit No. Year

ISSUED FOR TENDER

STRUTURAL UPGRADES TO SALMON ELEVATOR RED INDIAN LAKE FISHWAY MILLERTOWN, NL

designed D. MACCALLUM	concu
date SEPT 2015	
drawn A. LAWRENCE / R.TOBIN	dessine
date SEPT 2015	
approved M. HOGAN	approuve
date SEPT 2015	
Tender	Soumission
PWGSC Project Manager Administrateur de	projets TPSGC
project number	no. du projet
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drawina no.	no. du dessin

E-DRM/GDD-E:

