

FISHERIES AND OCEANS



Canada™

LANTERN ROOM FLOOR REPAIRS

CAPE RACE
NEWFOUNDLAND

PROJECT NO.:F6879-151000
ISSUED FOR TENDER

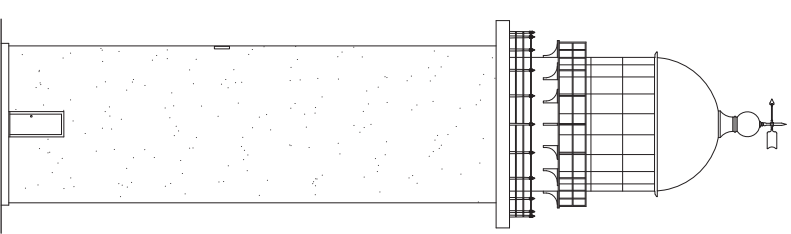
DATE: MARCH 17, 2015

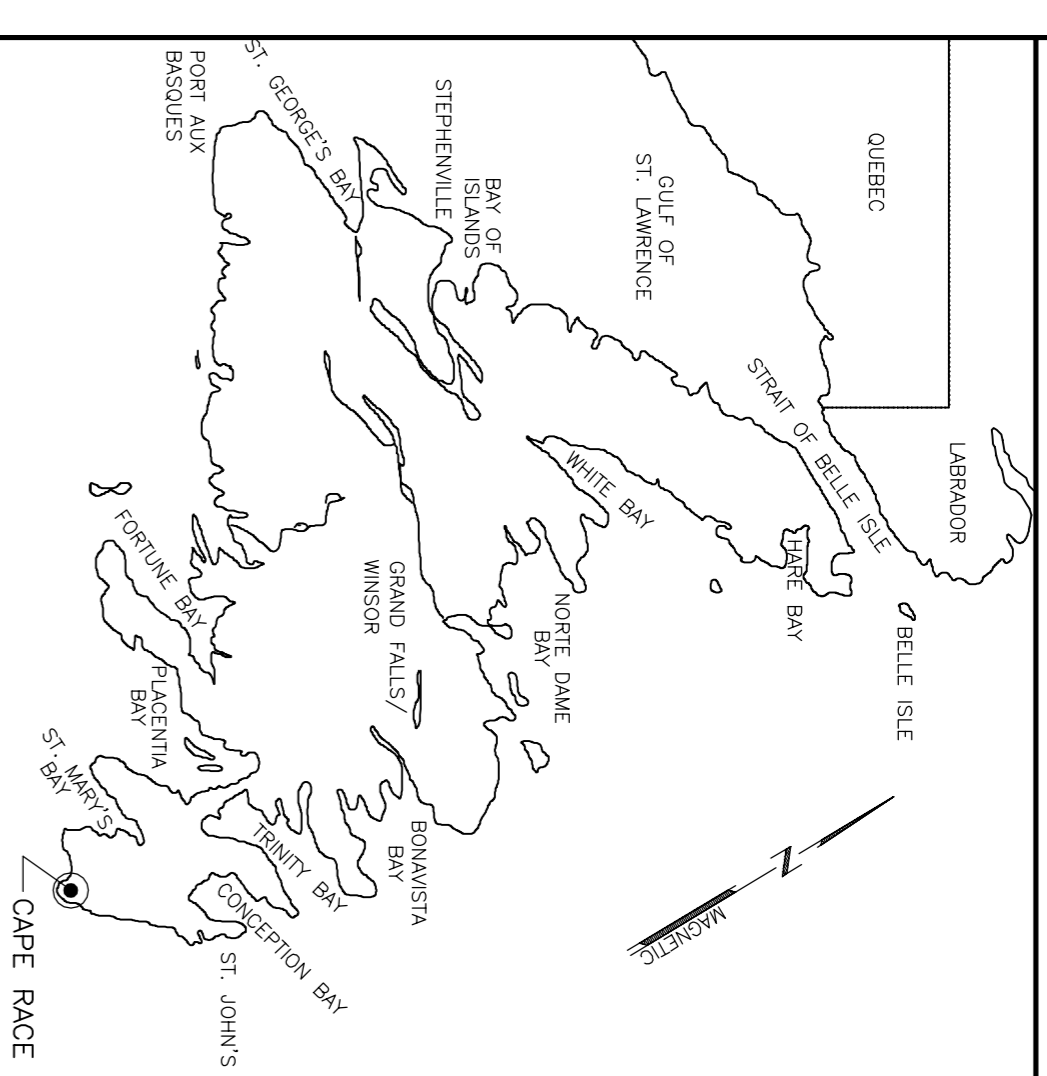
CLIENT/OWNER:
DEPARTMENT OF FISHERIES & OCEANS,
REAL PROPERTY, SAFETY AND SECURITY

PRIME CONSULTANTS:
DILLON CONSULTING

DRAWING LIST:

TITLE	
DWG. 01X1101A05S1S1	PLANS AND SECTIONS
DWG. 01X1101A05S1S2	SECTIONS





KEY LOCATION PLAN

Consultant – Conseiller

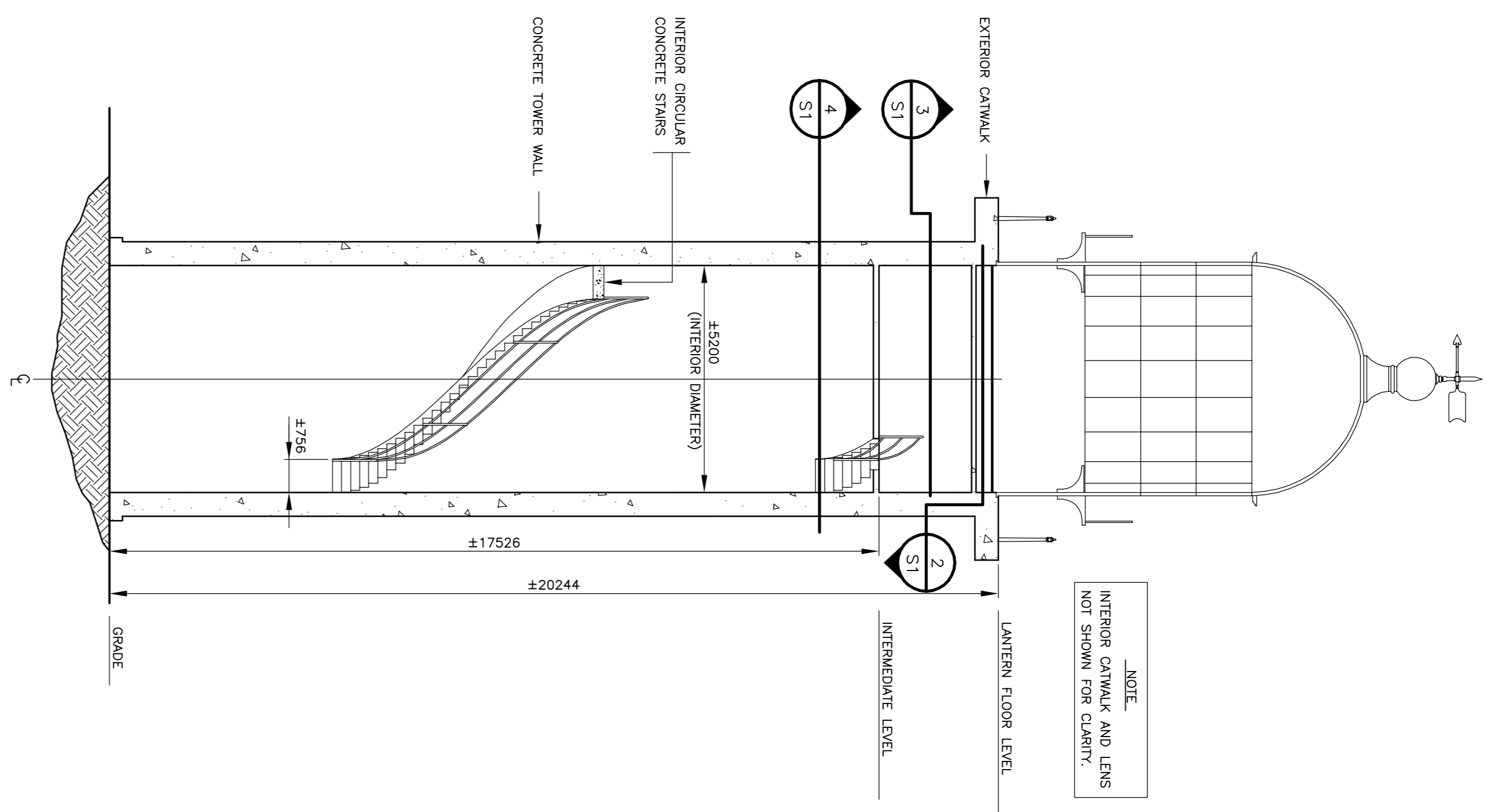
Stamp: Permit – Autorisation

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMITS
REGISTERED PROFESSIONAL ENGINEER
BARBARA BERGER
 17/03/15
 17/03/15
 ANTI-CORROSION OF NEWFOUNDLAND

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMITS
REGISTERED PROFESSIONAL ENGINEER
THE PERMIT HOLDER
DILLON CONSULTING LIMITED
 To Practice Professional Engineering in Newfoundland and Labrador Permit No. as issued by PEGNL 00161 which is valid for the year 2015

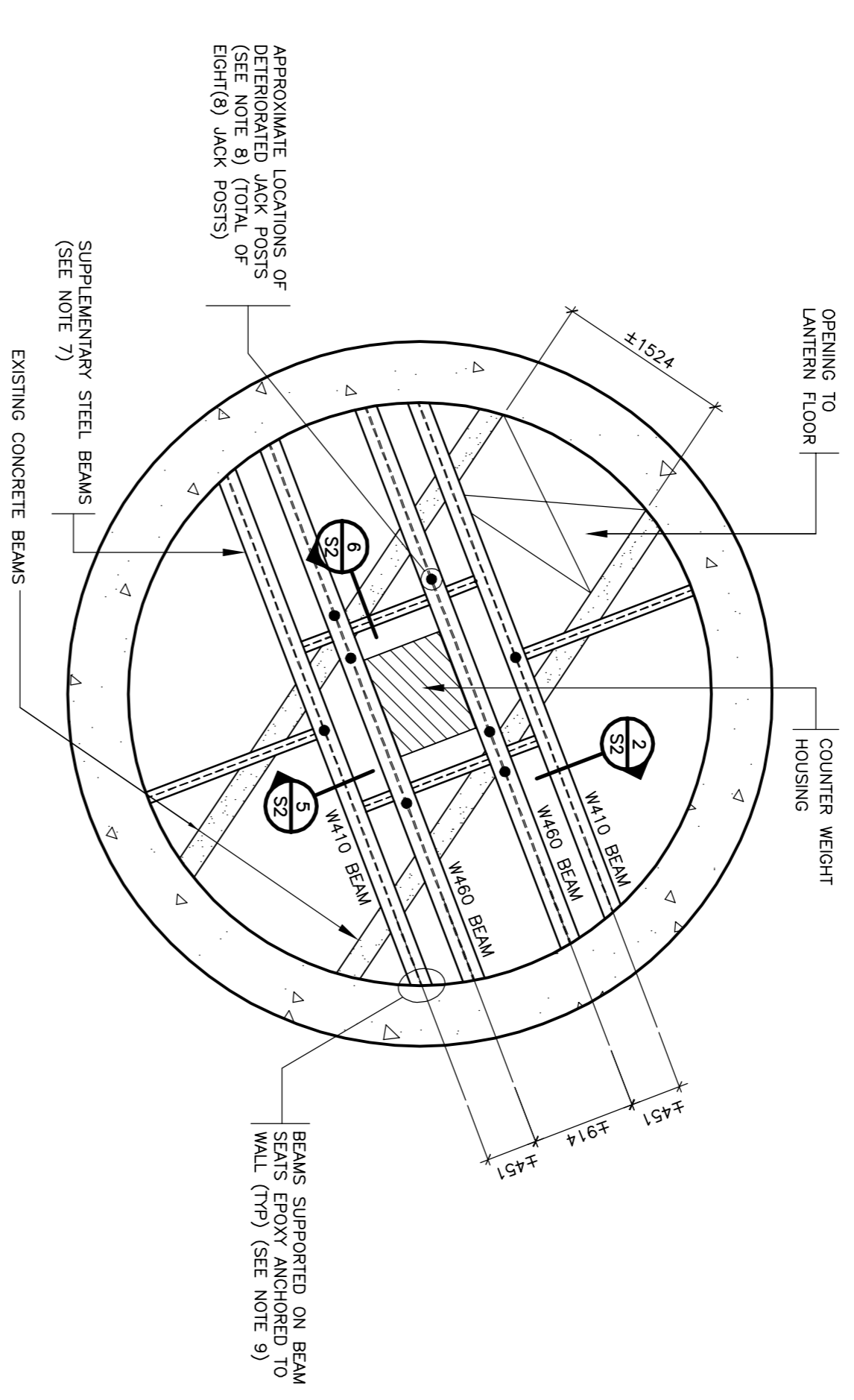
NOTES:

1. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
2. STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO CAN3-S16.1 LATEST EDITION AND THE NATIONAL BUILDING CODE OF CANADA LATEST EDITION.
3. ALL STRUCTURAL STEEL TO CONFORM TO CSA STANDARD G40.21, TYPE 300W OR 350W.
4. PROVIDE ALL NECESSARY DETAILS, MATERIALS AND CONNECTIONS IN ACCORDANCE WITH CISC STANDARD DETAILS U/N.
5. ALL BOLTS SHALL CONFORM TO ASTM FRICTION GRIP.
6. WELDING ELECTRODES TO BE E480XX.
7. ALL SUPPLEMENTARY SUPPORT STEEL SHALL BE SANDBLASTED PRIOR TO UPGRADING AND REPAINTED.
8. ALL SUPPORT JACKS SHALL BE SANDBLASTED PRIOR TO UPGRADING.
9. ALL BEAM SEAT SUPPORTS SHALL BE SANDBLASTED AND REPAINTED.



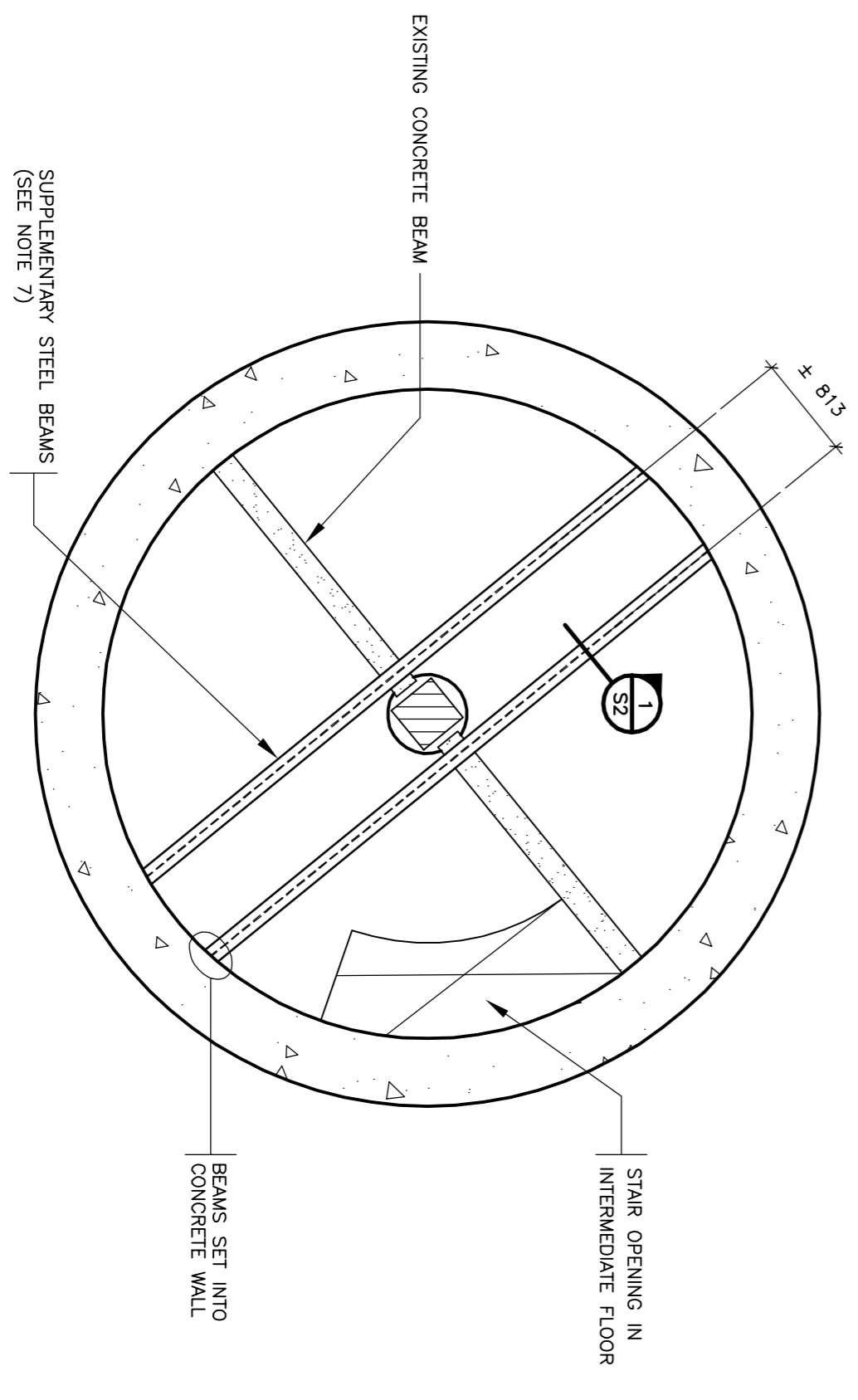
SECTION THRU TOWER 1 S1

SCALE 1:100



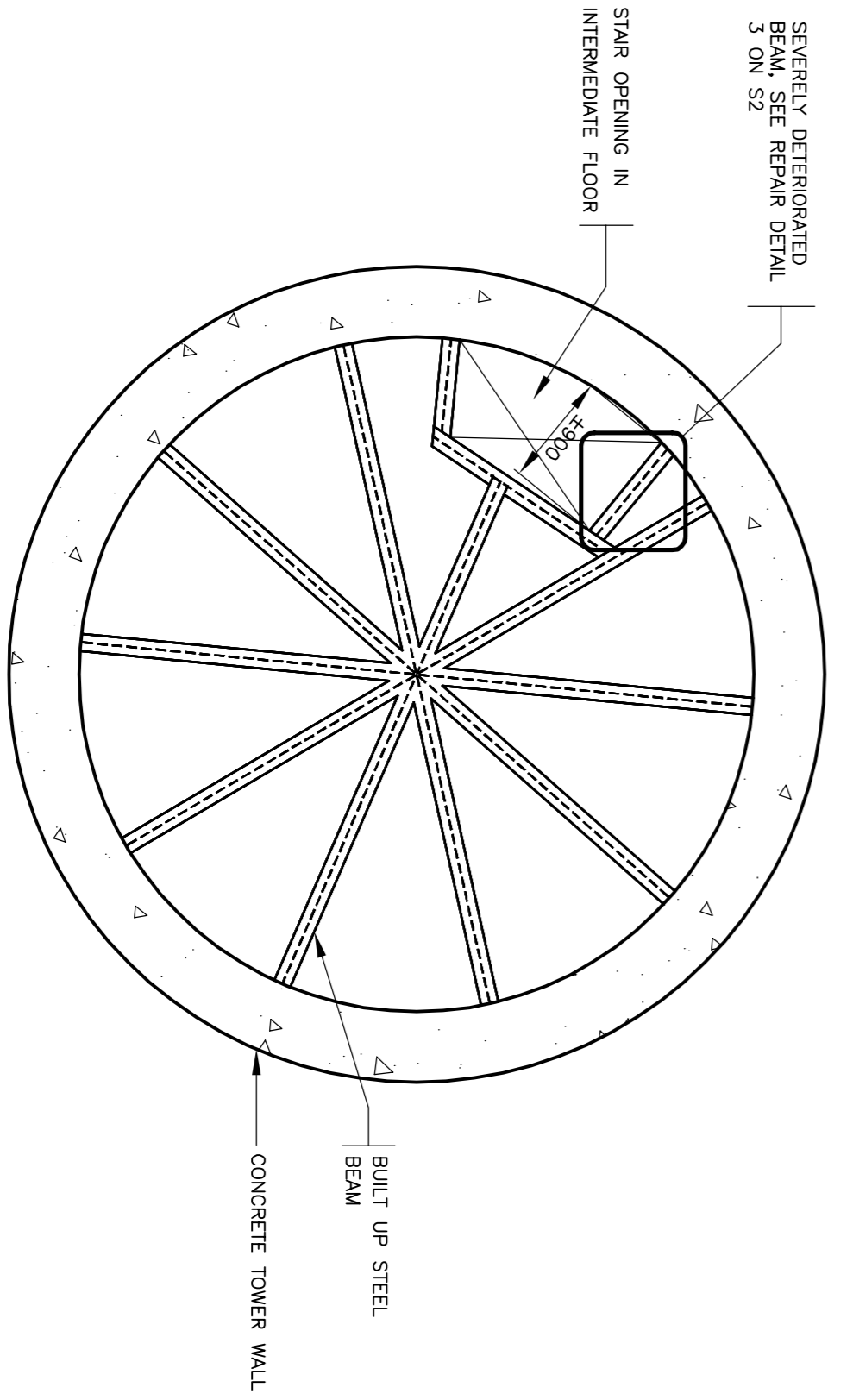
EXISTING PLAN – UNDERSIDE OF LANTERN FLOOR 3 S1

SCALE 1:50



EXISTING PLAN – UNDERSIDE OF INTERMEDIATE FLOOR 4 S1

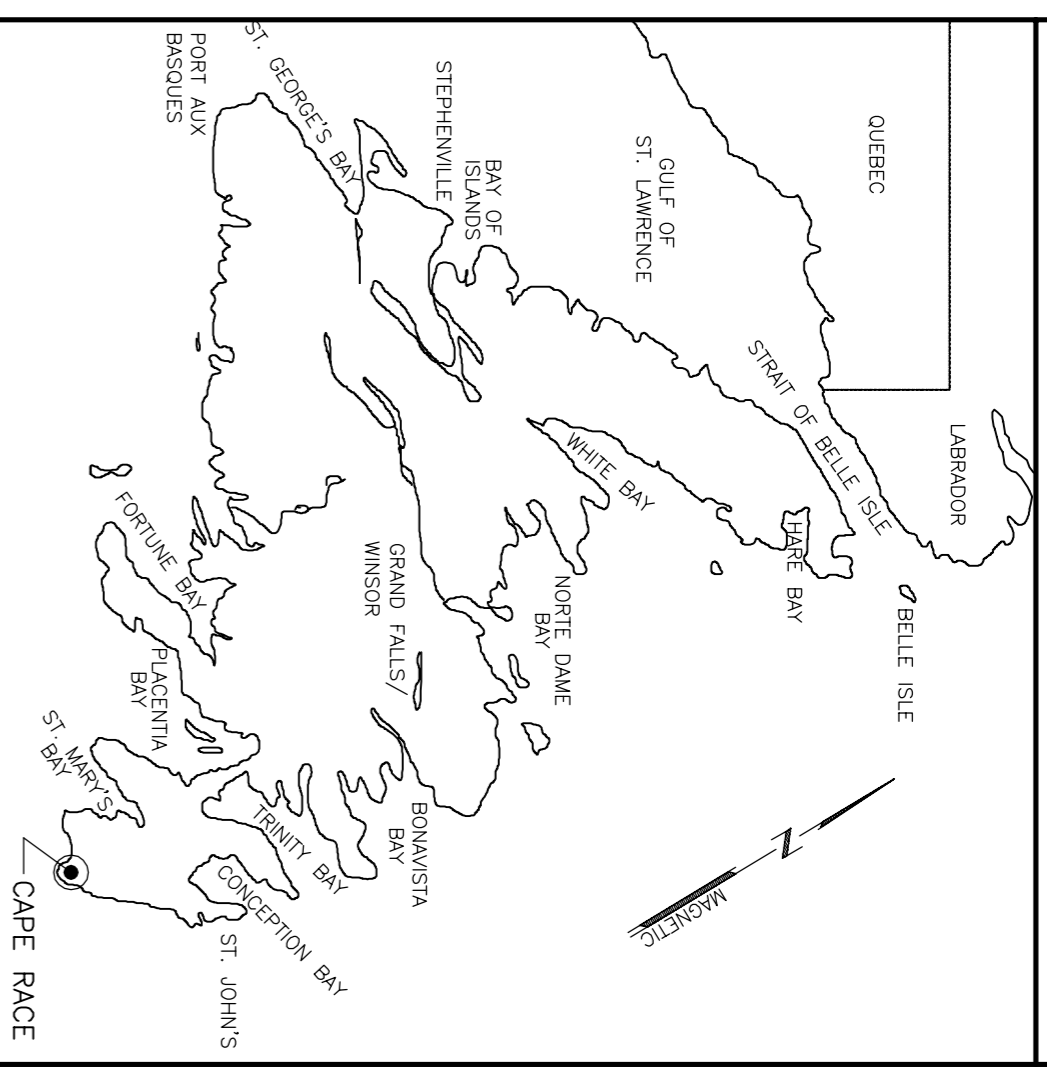
SCALE 1:50



SECTION – EXISTING STEEL LANTERN FLOOR 2 S1

SCALE 1:50

LANTERN ROOM FLOOR REPAIRS				NEWFOUNDLAND			
CAPE RACE							
DRAWING – DESIGN							
PLANS AND SECTIONS							
Drawn – dessiné	JUNIOROLAS	Designed – dessinée par	B. BRIDGER	Project no. – projet no.	01K1101A04551	Sheet – feuille	1 OF 2
Date – date	17/03/15	Checked – vérifié		Drawing no. – no. du dessin			
Scale – échelle	AS SHOWN	Approved for tender – approuvé pour l'offre		Project no. – projet no.	01K1101A04551	Sheet – feuille	1 OF 2
Project no. – projet no.	F6879-151000	Approved for tender – approuvé pour l'offre		Drawing no. – no. du dessin			



KEY LOCATION PLAN

Consultant - Conseiller

DILLON CONSULTING

Stamp: Registered Professional Engineer, BARRY BRIDGER, 17/03/15, ANTI-CORRUPTION BOARD OF NEWFOUNDLAND AND LABRADOR.

Permit - Autorisation: 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: 00161 which is valid for the year 2015.

NOTES:
1. CONTRACTOR SHALL CONFIRM ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.

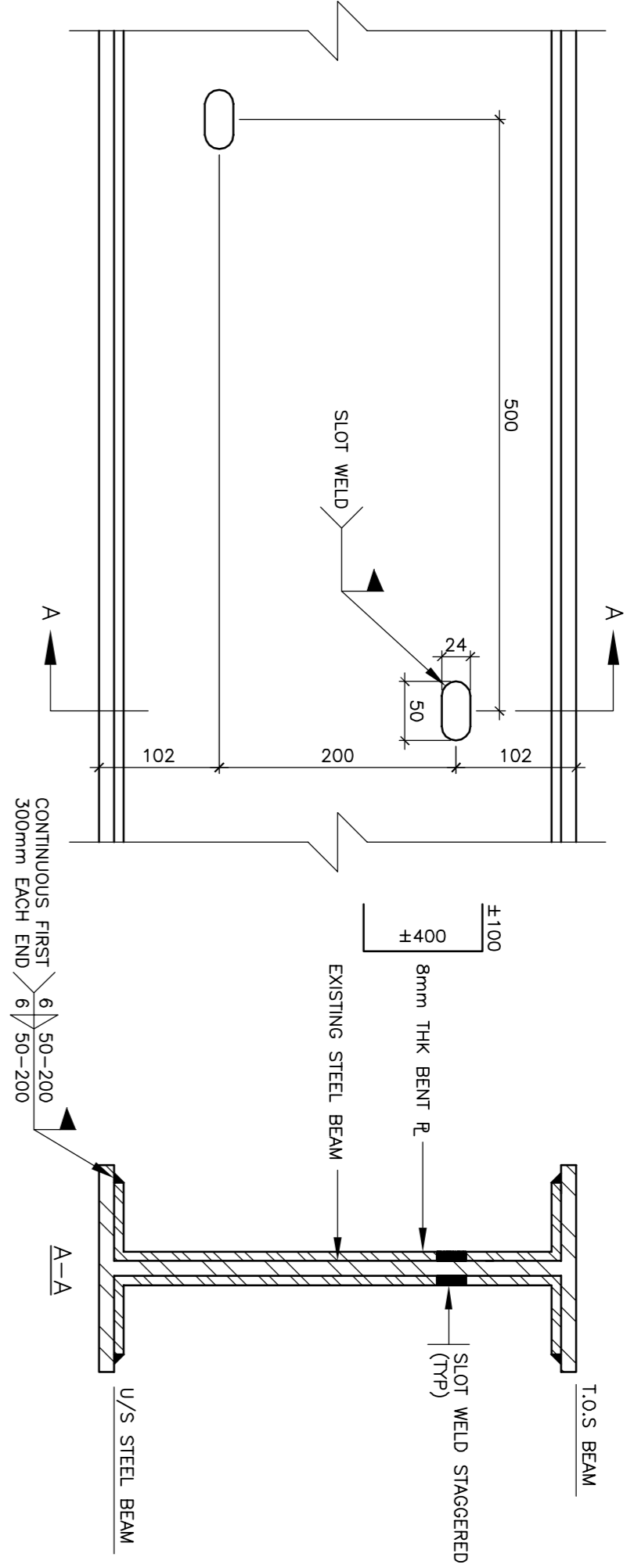
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A	ISSUED FOR REVIEW	13/02/15	JN	BB
no.	revision	date	by	approved
no.	revision	date	pd	approve

LANTERN ROOM FLOOR REPAIRS

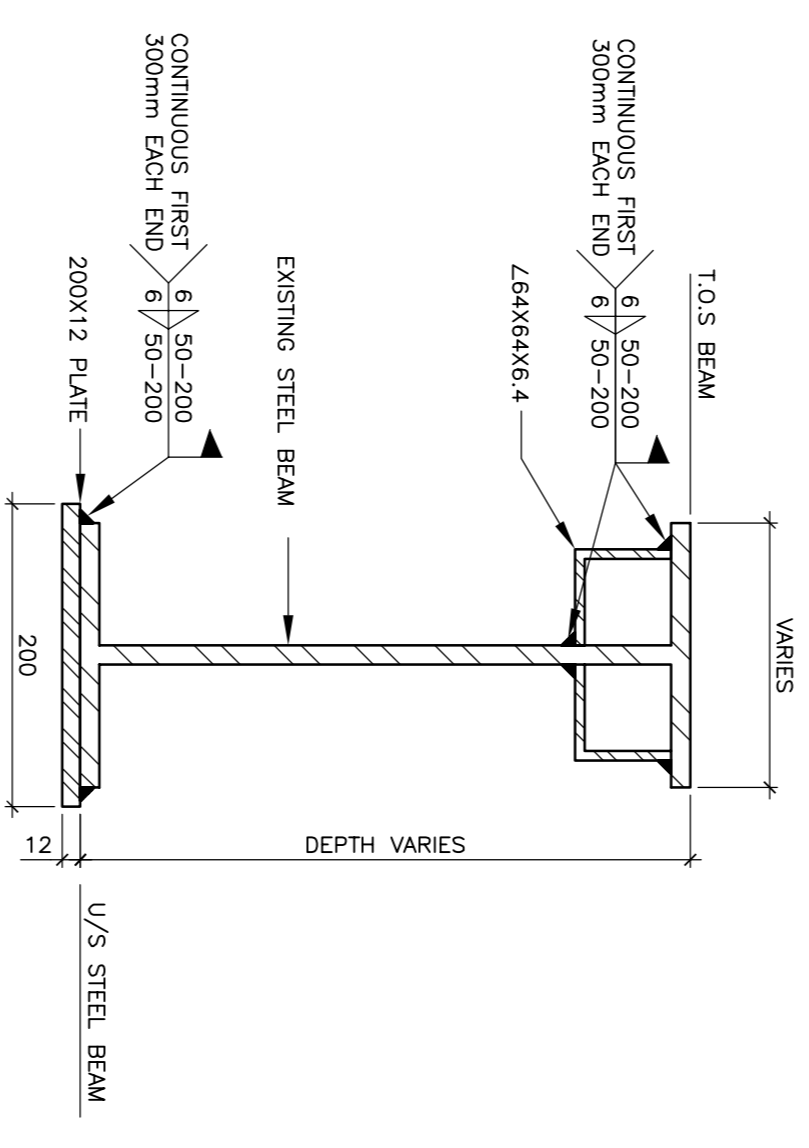
CAPE RACE
NEWFOUNDLAND

SECTIONS

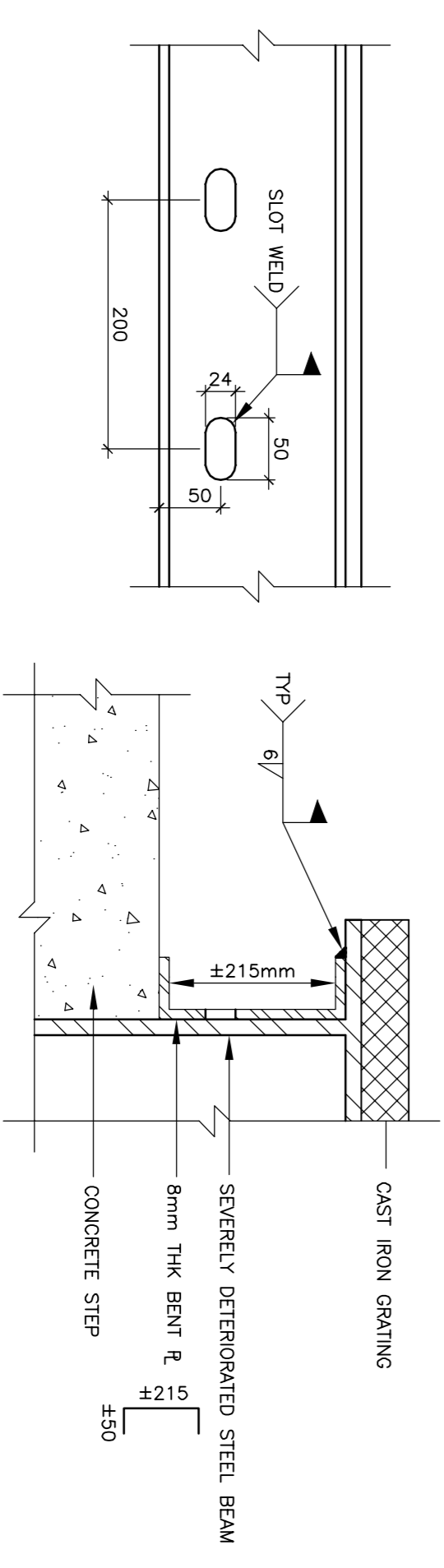
drawn - dessiné	JMICHOLAS	designed - dessiné par	B. BRIDGER
date - date	17/03/15	checked - vérifié	
scale - échelle	AS SHOWN	approved for tender - approuvé pour l'offre	
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		sheet - feuille	2 OF 2



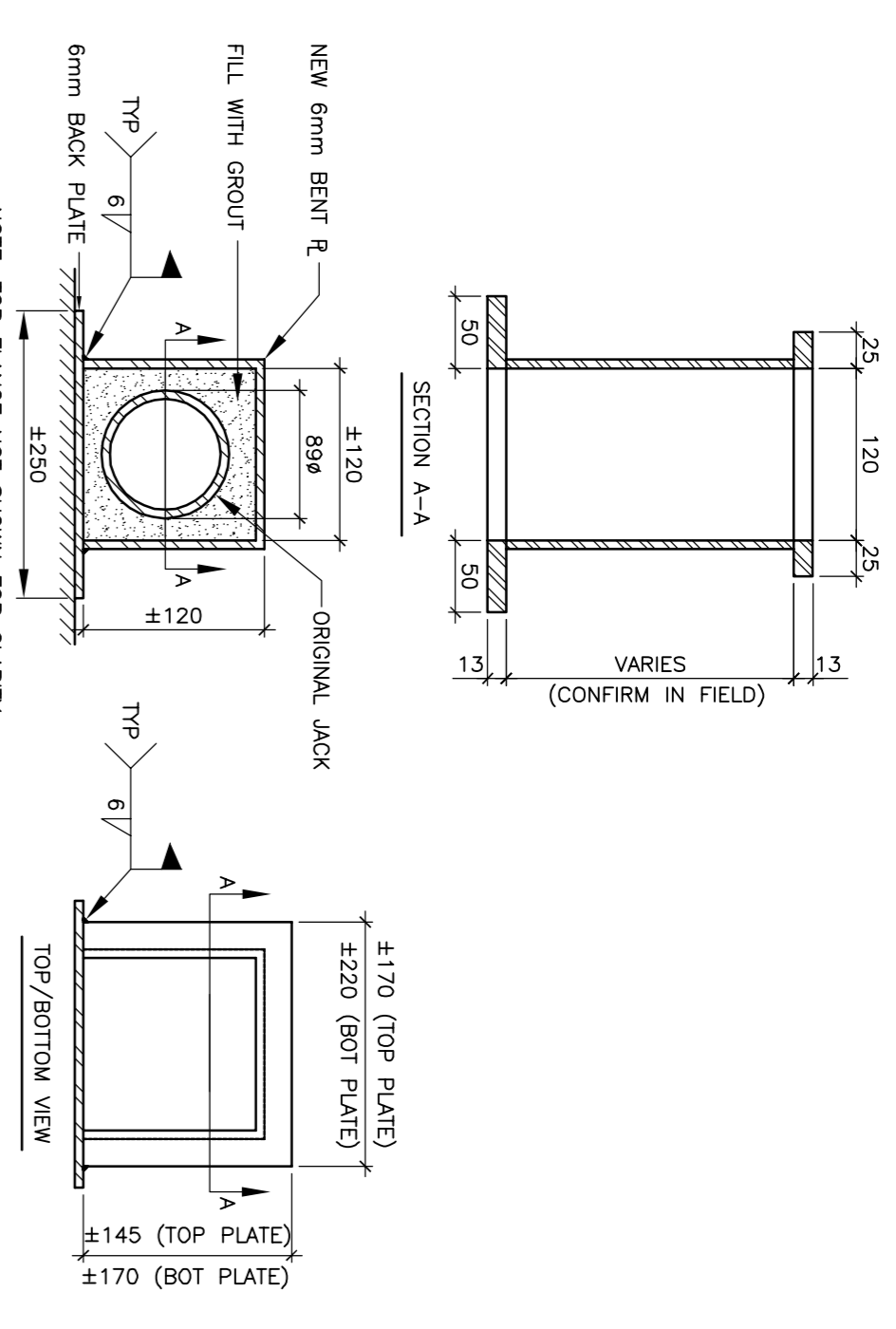
SECTION 1 - BEAM UPGRADE INTERMEDIATE FLOOR LEVEL
SCALE 1:5
S2



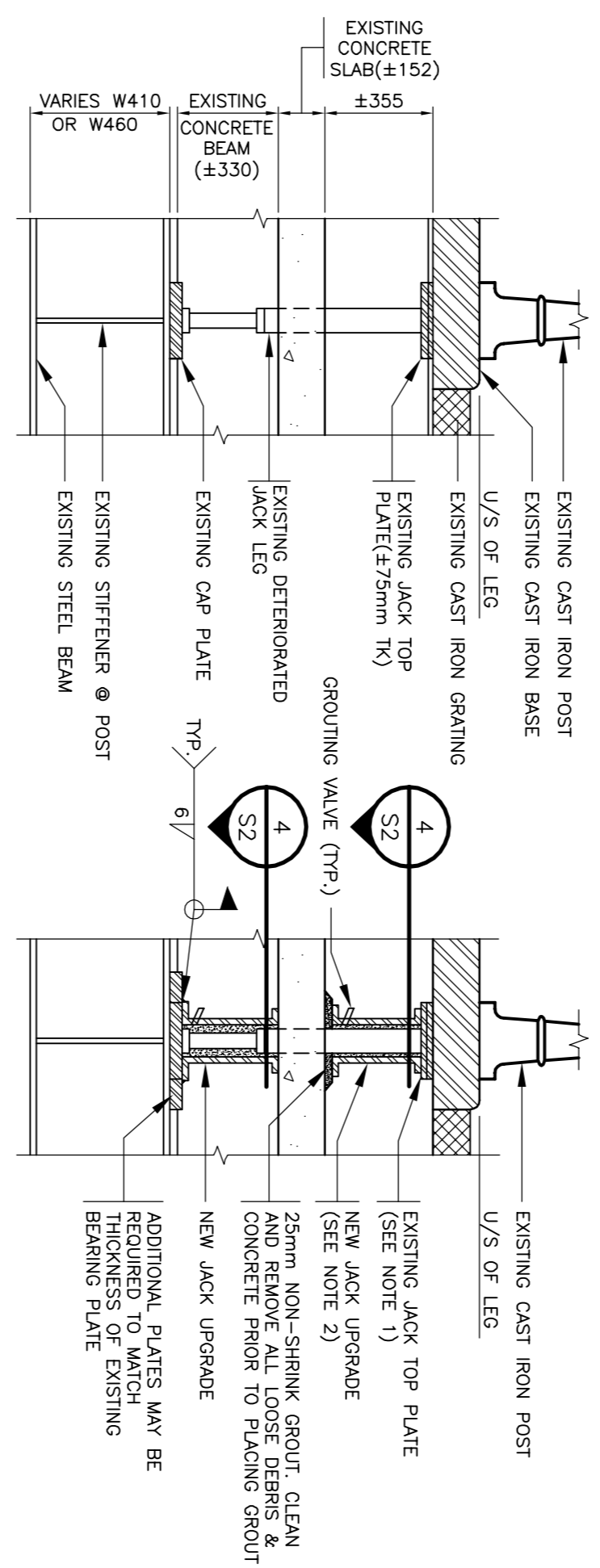
SECTION 2 - BEAM UPGRADE LANTERN FLOOR LEVEL
SCALE 1:5
S2



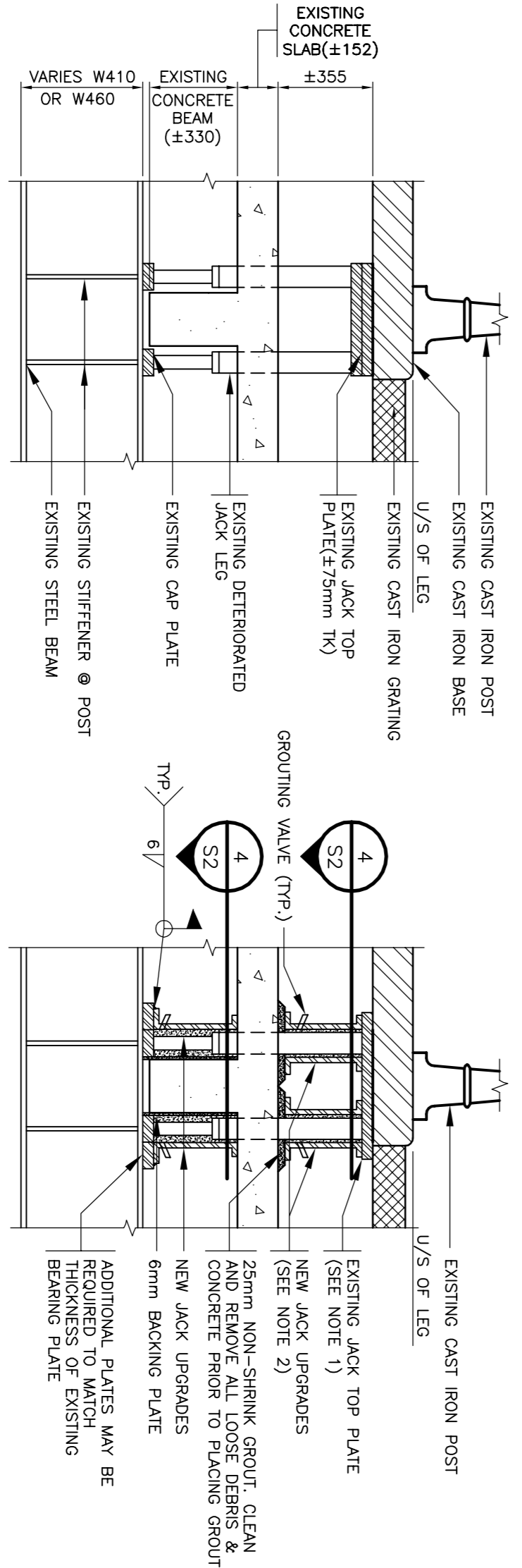
SECTION 3 - BEAM UPGRADE @ STAIR
SCALE 1:5
S2



SECTION 4 - JACK POST UPGRADING
SCALE: N.T.S.
S2



SECTION 5 - LANTERN FLOOR SYSTEM @ SINGLE JACK
SCALE 1:20
S2



SECTION 6 - LANTERN FLOOR SYSTEM @ DOUBLE JACK
SCALE 1:20
S2

NOTE 1: TOP PLATES MAY REQUIRE ADDITIONAL STEEL TO ENSURE JACK UPGRADE HAS SOLID BEARING. CONTRACTOR SHALL ALLOW FOR AN ADDITIONAL PLATE 150x150x75mm AT EACH POST. EXACT SIZE TO BE DETERMINED IN FIELD. CONTRACTOR SHALL ENSURE FULL BEARING AT ALL JACK POST UPGRADE POINTS.
NOTE 2: JACK UPGRADE TO BE FABRICATED APPROXIMATELY 25mm LESS THAN FLOOR OPENING TO ALLOW FOR SHIMS AND GROUT.