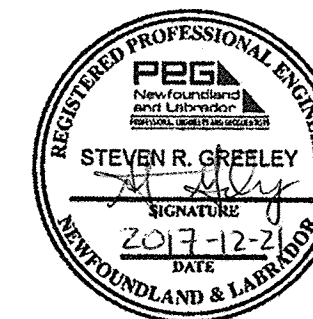
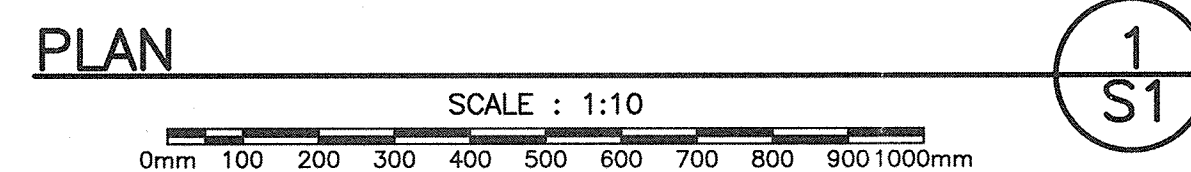
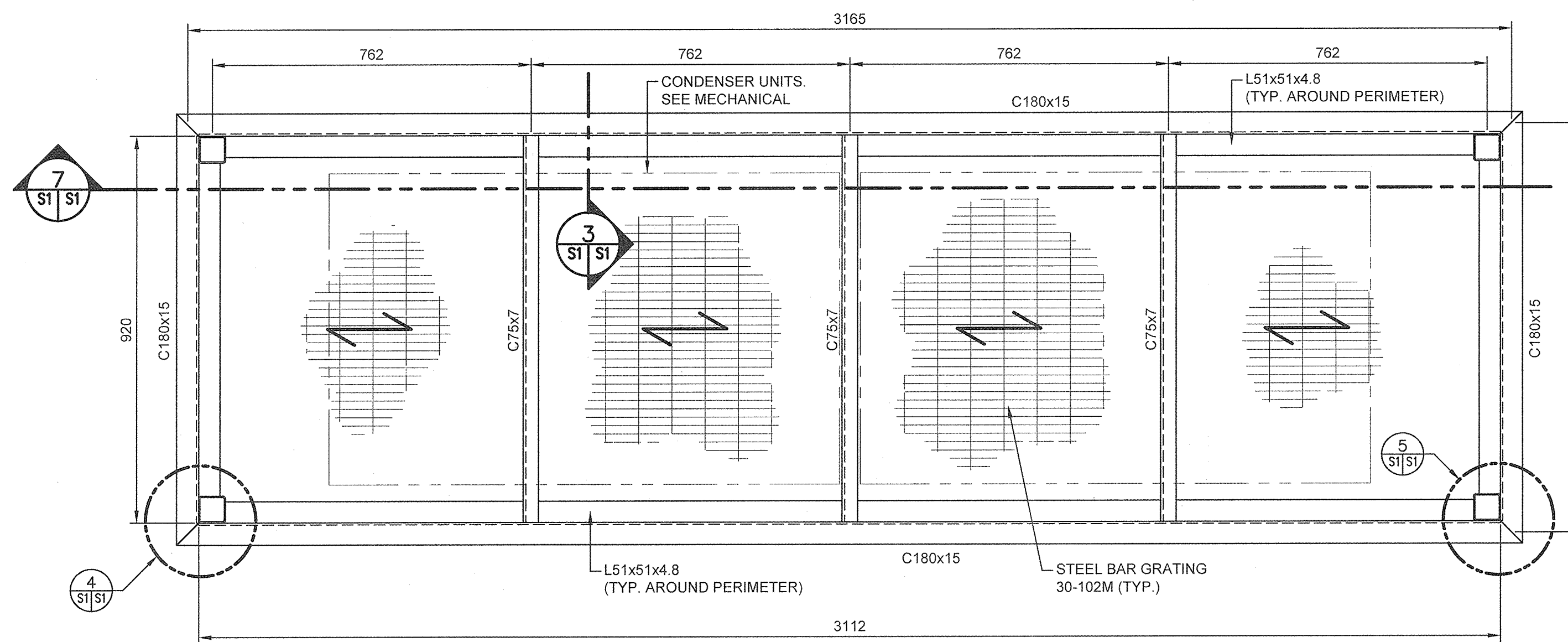
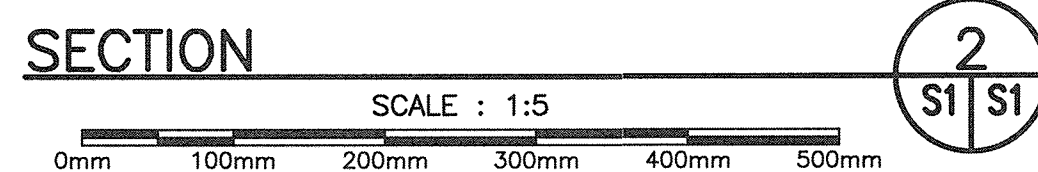
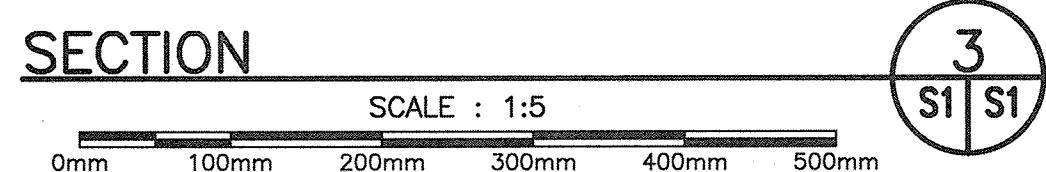
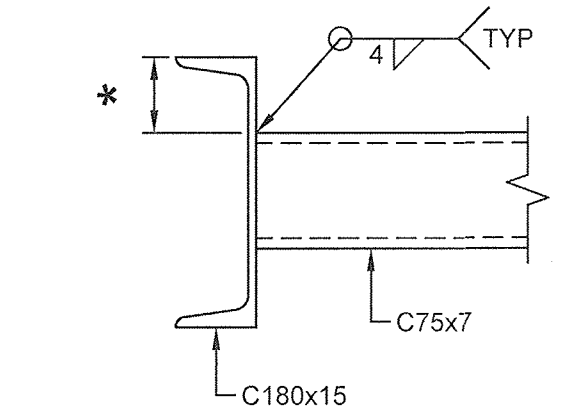
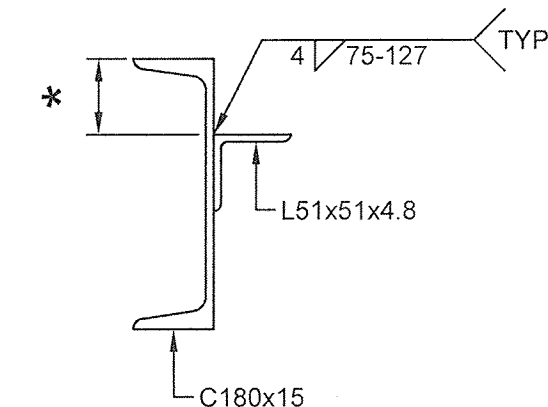
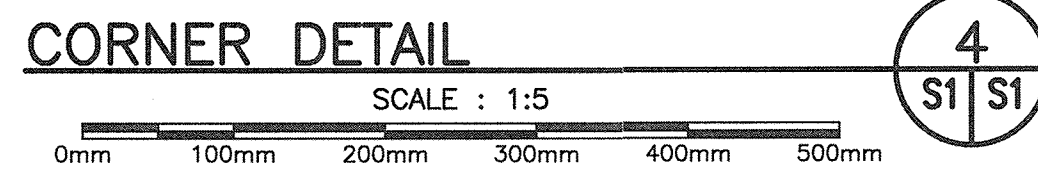
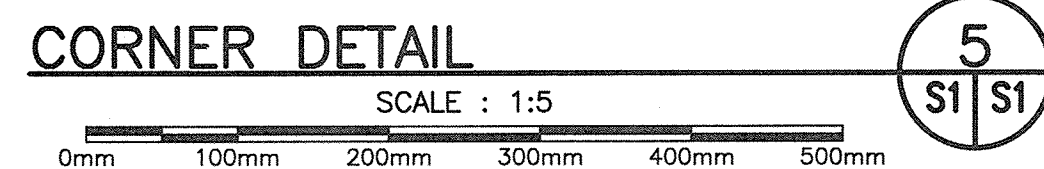
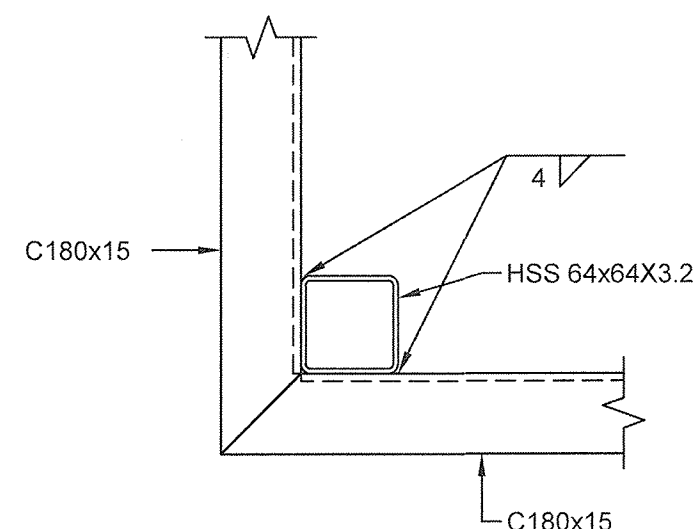
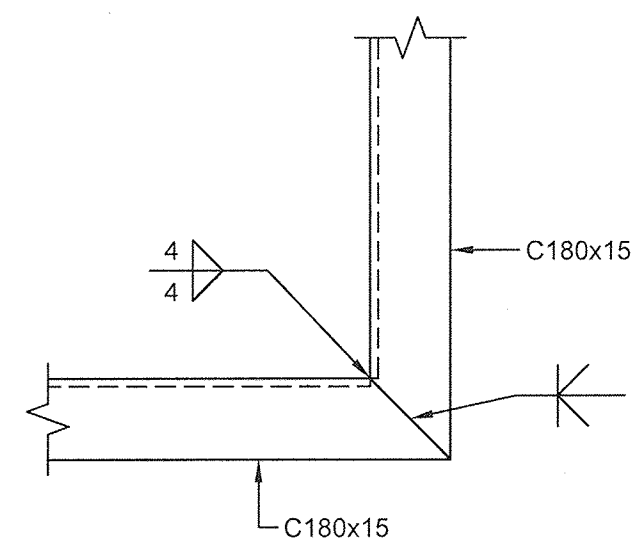
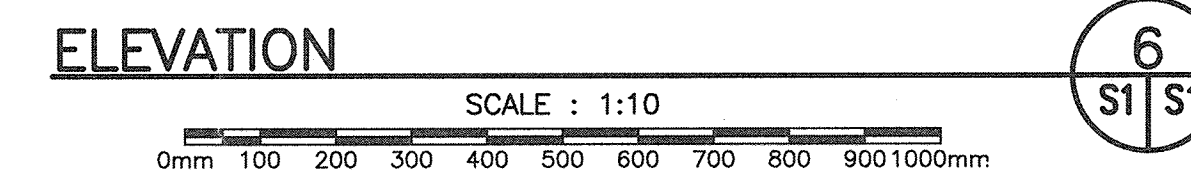
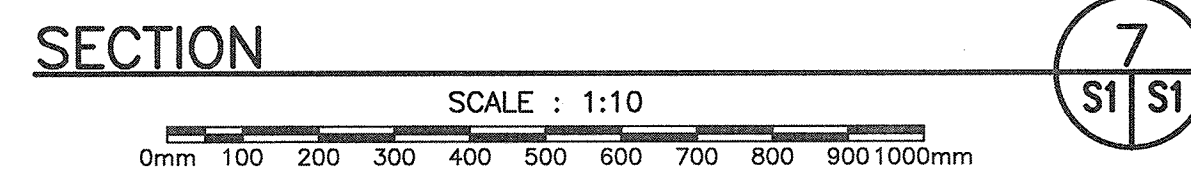
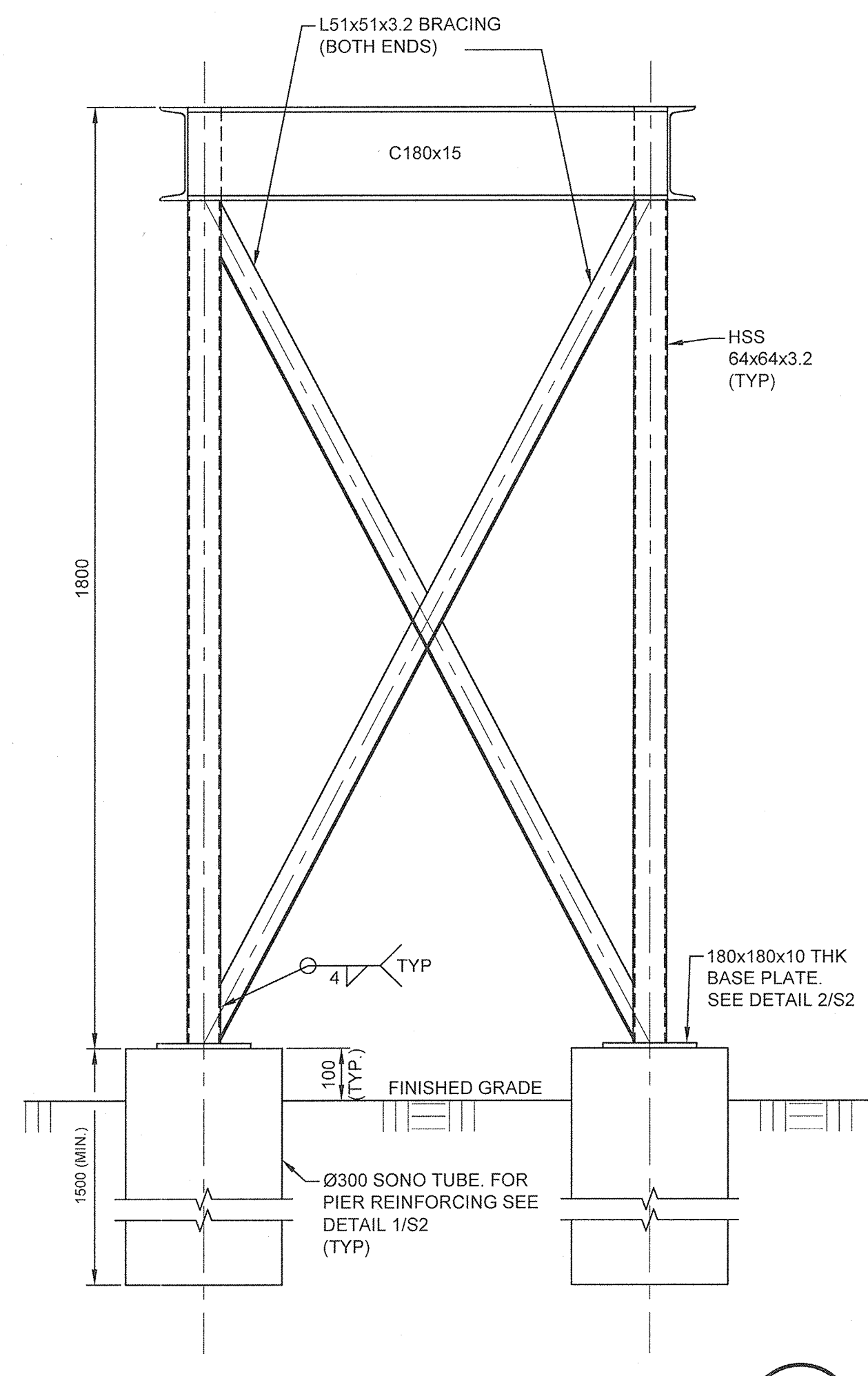
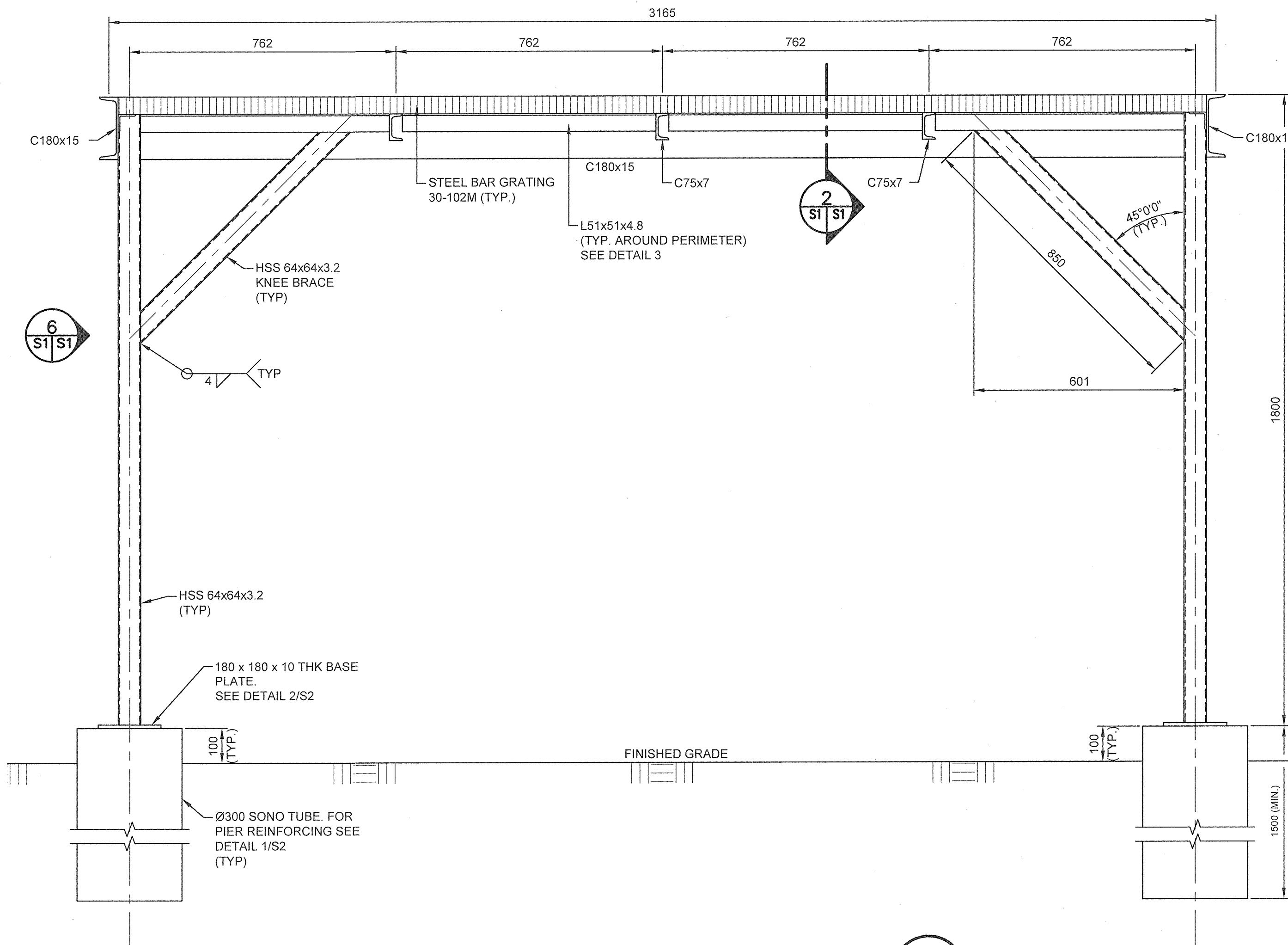


NOTES:

- COORDINATE PLACEMENT OF FRAME WITH MECHANICAL.
- ALL DIMENSIONS ARE IN MILLIMETERS U.N.O.
- ALL STEEL TO BE HOT DIPPED GALVANIZED.
- METAL GRATING SHALL BE 38 mm x 4.8 mm 30-102M, HOT DIPPED GALVANIZED AND INSTALLED AS PER MANUFACTURERS INSTRUCTIONS WITH APPROPRIATE FASTENERS. BEARING BARS SHALL SPAN SHORT DIRECTION AS SHOWN.
- COORDINATE PLACEMENT OF FRAME WITH OWNER AND MECHANICAL.
- BASE PLATE ANCHORS TO BE SIMPSON STRONG-TIE TITEN HD HEAVY-DUTY SCREW ANCHORS, MODEL THD 50400H, 100 mm LONG OR APPROVED ALTERNATE. TOLERANCE: ± 3 mm
- DO STRUCTURAL STEEL WORK TO CAN/CSA S16.1M STANDARDS.
- STRUCTURAL STEEL TO CONFORM TO CAN/CSA G40.21M
 - CHANNELS AND PLATE: GRADE 300W
 - HSS: GRADE 350W
- ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CAN/CSA W59 BY AN APPROVED FABRICATOR UNDER CAN/CSA W47.1 FABRICATOR TO SUBMIT SHOP DRAWINGS STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF NEWFOUNDLAND AND LABRADOR.
- ALL REINFORCING SHALL CONFORM TO CSA G30.18 GRADE 400.
- ALL DETAILING SHALL BE DONE IN ACCORDANCE WITH CSA A23.1/A23.2, AND REINFORCING STEEL INSTITUTE OF CANADA, MANUAL OF STANDARD PRACTICE. FABRICATOR TO SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW.
- UNLESS OTHERWISE SPECIFIED BY THE OWNER, REINFORCEMENT, PRE-STRESSING STEEL, AND POST-TENSIONING DUCTS SHALL BE PLACED WITHIN THE FOLLOWING TOLERANCES:
 - CONCRETE COVER: ± 12 mm, BUT THE CONCRETE COVER SHALL IN NO CASE BE REDUCED BY MORE THAN 1/3 OF THE SPECIFIED COVER.
 - LATERAL SPACING OF BARS: ± 30 mm.
- DO ALL CONCRETE WORK IN ACCORDANCE WITH CSA A23.1/A23.2. NO CONCRETE SHALL BE PLACED WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
- CONCRETE PROPERTIES:
 - EXPOSURE CLASS: F-2
 - COMPRESSIVE STRENGTH @28 DAYS: 25 MPa
 - NORMAL COURSE AGGREGATE SIZE: 20 mm
 - AIR ENTRAINMENT, BY VOLUME: 4-7%
 - CONCRETE COVER:
 - CAST AGAINST, AND PERMANENTLY EXPOSED TO EARTH: 75 mm
 - COLUMNS: 40 mm



PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
CLASS "A"
This Permit Allows
SNC-LAVALIN Inc.
To practice Professional Engineering
in Newfoundland and Labrador
Permit No. as issued by PEGNL N0458
which is valid for the year 2017.

ENGINEER IN RESPONSIBLE CHARGE
2017-12-21

C01 ISSUED FOR TENDER 12/21/2017

revisions date

project date

SAR STATION
REFURBISHMENT
ST. ANTHONY

LIFEBOAT STATION

drawing dessin

CONDENSER UNIT
SUPPORT STRUCTURE
SECTIONS AND DETAILS

designed M GEHUE congru

date 2017/10/25

drawn J VINCENT dessin

date 2017/10/25

approved M KEEL approuvé

date 2017/12/21

Tender Soumission

D BURSEY PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet

R.089934.001

drawing no. no. du dessin

S1