



**REQUEST FOR PROPOSALS
DEMANDE DE PROPOSITIONS**

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS
À:**

Contracting Authority :
Paul Hewitt

Procurement Services
Services d'approvisionnement
1200 Montreal Road /1200 chemin Montréal
Building M-58/Édifice M-58
Ottawa, Ontario
K1A 0R6

Instructions: See Herein

Instructions: Voir aux présentes

Proposal To:

We hereby offer to sell to His Majesty the King in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Proposition aux:

Nous offrons par la présente de vendre à Sa Majesté Le Roi du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).



Title/Sujet Acoustic Floor Facility – Installation de Plancher Acoustique	
Solicitation No./N. de l'invitation 22-58152/A	Date 17/04/2023
Solicitation Closes/L'invitation prend fin at/à 2:00pm on/le 26/04/2023	Time Zone/Fuseau Horaire EDT
Address Enquiries To/Adresser demandes de renseignements à : Paul Hewitt Paul.Hewitt@nrc-cnrc.gc.ca	
Amendment # Amendement 003	

Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No./N. de telephone Facsimile No./N. de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisé à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Amendment 003 to RFP 22-58121/A has been raised to:

- 6- Revise the RFP period
- 7- Provide precision to the nature of this contract
- 8- Provide precision to appendix A
- 9- Provide precision to Appendix C
- 10- Provide precision to reference of "as Applicable" for integrity provisions
- 11- Provide precision to architectural material
- 12- Revise GI and GCs within the RFP to match the nature of our requirement (construction services)
- 13- Revise Part 4 SC3 Supplementary Insurance
- 14- Insert Addendum 1 to technical documentation.

-
- 7- **QUESTION** : Can you confirm if the posting on Canada Buys is for contractors or Engineering services? Most technical information in the RFP identifies request for professional services (Engineering) while the description says for General Contractor.

ANSWER: The NRC is seeking a Prime Contractor to undertake the Build as per the Drawings and Specifications for this Project.

- 8- **QUESTION:** Instruction to bidders: Part 5 Submission Requirements and Evaluation (SRE) item 2.4 Specific Requirement for Proposal Format is asking Consultant Team identification (appendix A) (page 31) Team Identification Format Appendix A is asking for I. Prime Consultants (proponent Architect), II. Key Sub Consultants Structural Engineer III. Electrical Engineer. ? We are not engaging Architectural and or Engineering Services on this Project, it's already design and drawn. Can this be removed.

ANSWER : The Prime Contractor is the Bidder along with their respective Subtrades required to complete this Project.

- 9- **QUESTION** : in addendum #2 it mentioned to insert new appendix C LUMP Sum proposal , there was no appendix C in addendum #2.

ANSWER : Appendix C refers to the paragraph noted in Q&A 5. In addition, please provide a detailed breakdown of your proposed financial bid in accordance with GC 5, including but not limited to:

- Labour costs and breakdown by trade
- Materials costs
- Overhead costs
- Goods and material markup
- Sub contracted services markup

- 10- **QUESTION:** In bold it has "**As Applicable**" Does this mean that the integrity provisions section is simply a statement that "it is not applicable"?

ANSWER: Refer to General Instructions Para 3 (a) and (b).

- 11- **QUESTION:** Architectural, on drawing A210 detail 4 , indicates rollers with rollers guides Model to be confirm by NRC. Can you provide the model and will this be supplied by NRC

ANSWER: This is part of the Materials that will be supplied by NRC therefore there is no requirement for the Model to be confirmed at this time.

12- DELETE: Part 2 in entirety.

INSERT: Part 2 – [R2410T](#) (2022-01-28) – General Instructions - Construction Services.

Note: All references to PWGSC are hereby replaced by NRC with the exception of reference to the integrity database and performance evaluation form PWGSC-TPSGC 2913.

DELETE: Part 3 para 1 (a) table

INSERT:

R2810D	2022-01-28	General Condition (GC) 1 – General provisions - Construction services
R2820D	2016-01-28	General Condition (GC) 2 - Administration of the Contract – Construction services
R2830D	2019-11-28	General Condition (GC) 3 – Execution and control of the work
R2840D	2008-05-12	General Condition (GC) 4 – Protective measures
R2850D	2019-11-28	General Condition (GC) 5 - Terms of Payment>100K – Construction Services
R2865D	2019-05-30	General Condition (GC) 6 – Delays and Changes in the Work – Construction Services
R2870D	2018-06-21	General Condition (GC) 7 – Default, Suspension or Termination of Contract
R2880D	2019-11-28	General Condition (GC) 8 - Dispute Resolution – 100K to 5M – Construction services
R2890D	2022-12-01	General Condition (GC) 9 – Contract Security
R2900D	2008-05-12	General Condition (GC) 10 – Insurance
Supplementary Conditions: Part 4		

DELETE: SI1 para 4

INSERT:

Proponents must transmit their proposals electronically to the Contracting Authority (email size limit of 10MB).

Due to the nature of the bid solicitation, transmission of proposals by facsimile is not accepted.

Proponents must refer to GI07 Submission of bid, and [SRE 2 Proposal Requirements](#), of the bid solicitation, for further information.

DELETE: SI2 para 2(a)

INSERT:

(a) Supplementary Instructions to Proponents (SI):
General Instructions (GI) – Construction Services

DELETE: SI5 para 1

INSERT:

In accordance with the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Proponent must **provide with its Proposal, as applicable**, to be given further consideration in the procurement process, the required documentation as per [General instructions 1 \(GI1\), Integrity Provisions – bid](#).

DELETE: Part 5, para 1.1

INSERT:

1.1 Reference to the Selection Procedure

An 'Overview of the selection procedure' can be found below and in the General instructions.

DELETE: Part 5, Reference to “GI16 submission of proposal” in Para 2.1

INSERT: “GI07 Submission of bid” in lieu

DELETE: SRE 4 both paras beginning with “integrity provisions...”

INSERT:

- Integrity Provisions – Required documentation – **as applicable** in accordance with the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>) and as per General instructions 1 (GI01), Integrity Provisions – bid, **section 3a**.
- Integrity Provisions - Declaration of Convicted Offences – **with its Proposal, as applicable** in accordance with the [Ineligibility and Suspension Policy \(http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html\)](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) and as per General instructions 1 (GI01), Integrity Provisions – bid, **section 3b**.

13- **INSERT** the following after SC3 :

GIC 5 Insurance requirements

The successful Proponent must obtain and maintain Professional Liability and Commercial General Liability insurance coverage in accordance with the requirements set out elsewhere in the proposal documents.

GIC 5.1 Acceptable Bonding companies

The following is a list of insurance companies whose bonds may be accepted as security by the government.

1. Canadian Companies

- ACE INA Insurance
- Allstate Insurance Company of Canada
- Ascentus Insurance Ltd. (Surety only)
- Aviva Insurance Company of Canada
- AXA Insurance (Canada)
- AXA Pacific Insurance Company

Solicitation No. - N° de l'invitation
22-58121/A
Client Ref. No. - N° de réf. du client
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Amd. No. - N° de la modif.
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22-58121

Buyer ID - Id de l'acheteur
N74
CCC No./N° CCC - FMS No./N° VME

- Canadian Northern Shield Insurance Company
- Certas Direct Insurance Company (Surety only)
- Chartis Insurance Company of Canada (formerly AIG Commercial Insurance Company of Canada)
- Chubb Insurance Company of Canada
- Commonwealth Insurance Company
- Co-operators General Insurance Company
- CUMIS General Insurance Company
- The Dominion of Canada General Insurance Company
- Echelon General Insurance Company (Surety only)
- Economical Mutual Insurance Company
- Elite Insurance Company
- Everest Insurance Company of Canada
- Federated Insurance Company of Canada
- Federation Insurance Company of Canada
- Gore Mutual Insurance Company
- Grain Insurance and Guarantee Company
- The Guarantee Company of North America
- Industrial Alliance Pacific General Insurance Corporation
- Intact Insurance Company
- Jevco Insurance Company (Surety only)
- Lombard General Insurance Company of Canada
- Lombard Insurance Company
- Markel Insurance Company of Canada
- The Missisquoi Insurance Company
- The Nordic Insurance Company of Canada
- The North Waterloo Farmers Mutual Insurance Company (Fidelity only)
- Novex Insurance Company (Fidelity only)
- The Personal Insurance Company
- Pilot Insurance Company
- Quebec Assurance Company
- Royal & Sun Alliance Insurance Company of Canada
- Saskatchewan Mutual Insurance Company
- Scottish & York Insurance Co. Limited
- The Sovereign General Insurance Company
- TD General Insurance Company
- Temple Insurance Company
- Traders General Insurance Company
- Travelers Guarantee Company of Canada
- Trisura Guarantee Insurance Company
- The Wawanesa Mutual Insurance Company
- Waterloo Insurance Company
- Western Assurance Company
- Western Surety Company

2. Provincial Companies

Surety bonds issued by the following companies may be accepted provided that the contract of suretyship was executed in a province in which the company is licensed to do business as indicated in brackets.

- AXA Boreal Insurance Company (P.E.I., N.B., Que., Ont., Man., B.C.)

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22-58121

Buyer ID - Id de l'acheteur
N74
CCC No./N° CCC - FMS No./N° VME

- AXA Boreal Insurance Company (P.E.I., N.B., Que., Ont., Man., B.C.)
- ALPHA, Compagnie d'Assurances Inc. (Que.)
- Canada West Insurance Company (Ont., Man., Sask, Alta., B.C., N.W.T.) (Surety only)
- The Canadian Union Assurance Company (Que.)
- La Capitale General Insurance Inc. (Nfld. & Lab., N.S., P.E.I., Que.(Surety only), Man., Sask., Alta., B.C., Nun., N.W.T., Yuk.)
- Coachman Insurance Company (Ont.)
- Continental Casualty Company (Nfld. & Lab., N.S., P.E.I., N.B., Que., Ont., Man., Sask., Alta., B.C., Nun., N.W.T., Yuk.)
- GCAN Insurance Company (Nfld. & Lab., N.S., P.E.I., N.B., Que., Ont., Man., Sask., Alta., B.C., Nun., N.W.T., Yuk.)
- The Insurance Company of Prince Edward Island (N.S., P.E.I., N.B.)
- Kingsway General Insurance Company (N.S., N.B., Que., Ont., Man., Sask., Alta., and B.C.)
- Liberty Mutual Insurance Company (Nfld. & Lab., N.S., P.E.I., N.B., Que., Ont., Man., Sask., Alta., B.C., Nun., N.W.T., Yuk.)
- Manitoba Public Insurance Corporation (Man.)
- Norgroupe Assurance Générales Inc.
- Orleans General Insurance Company (N.B., Que., Ont.)
- Saskatchewan Government Insurance Office (Sask.)
- SGI CANADA Insurance Services Ltd. (Ont., Man., Sask., Alta.)
- L'Unique General Insurance Inc. (Nfld. & Lab., N.S., P.E.I., N.B., Que.(Surety only), Ont.(Surety only), Man., Sask., Alta., B.C.(Surety only), Nun., N.W.T., Yuk.)

3. Foreign Companies

- Aspen Insurance UK Limited
- Compagnie Française d'Assurance pour le Commerce Extérieur (Fidelity only)
- Eagle Star Insurance Company Limited
- Ecclesiastical Insurance Office Public Limited Company (Fidelity only)
- Lloyd's Underwriters
- Mitsui Sumitomo Insurance Company, Limited
- NIPPONKOA Insurance Company, Limited
- Sompo Japan Insurance Inc.
- Tokio Marine & Nichido Fire Insurance Co., Ltd.
- XL Insurance Company Limited (Surety only)
- Zurich Insurance Company Ltd

14- INSERT: Addendum 001 attached.

All other terms and conditions remain unchanged

ADDENDUM ONE

THE FOLLOWING CHANGES TO THE TENDER DOCUMENTS ARE EFFECTIVE IMMEDIATELY.
THIS ADDENDUM SHALL FORM PART OF THE CONTRACT DOCUMENTS.

I N D E X

WRITTEN PORTION:

Architectural	page 2
I SPECIFICATIONS	
II DRAWINGS	

ATTACHMENTS:

- Structural Addendum No.STA-01

ADDENDUM ONE

I ARCHITECTURAL SPECIFICATION:

1 SECTION 03 10 00 – CONCRETE FORMWORK AND FALSE WORK

.1 ADD LINE 2.01.6:

Formwork liner on inside surface of upper and lower chambers is to be new Masonite liner.

2 SECTION 00 10 00 – GENERAL INSTRUCTIONS

.1 REVISE LINE 3.1 TO READ:

Construction timeline is 44 Weeks from the date of the Letter of Intent however there is a completion Date of March 22, 2024 for this Project. It is the Contractors responsibility to modify their Scheduling accordingly to ensure that the Project is Complete no later than March 22, 2024.

II ARCHITECTURAL DRAWINGS:

1 DRAWINGS A050 – KEY PLAN AND DEMOLITION PLAN

.1 REVISE LIFE SAFETY NOTE #5:

APPROXIMATE CONSTRUCTION AREA:

- THE CONSTRUCTION AREA WILL BE A SHARED SPACE
- THE CLIENTS WILL REQUIRE THE USE OF THE OVERHEAD DOOR AS NEEDED
- THE CONTRACTOR AND NRC WILL HAVE TO COORDINATE THE DAY-TO-DAY ACTIVITIES TO ENSURE THE SAFETY OF BOTH PARTIES
- THE CONTRACTOR WILL BE REQUIRED TO SET UP A BARRIER SYSTEM THAT CAN BE MODIFIED TO ALLOW ACCESS
- THE CONTROL ROOM IS TO BE MADE ACCESSIBLE TO NRC

.2 ADD GENERAL NOTE #2:

THE CONTRACTOR IS TO PROVIDE THEIR OWN CONSTRUCTION TRAILER, WASHROOM FACILITIES AND MEANS OF POWER SEPARATE FROM BUILDING M-38 FOR SUCH FACILITIES AS REQUIRED. LOCATION OF EACH FACILITY ON SITE TO BE COORDINATED WITH NRC.

.3 REVISE DEMOLITION NOTE #D3:

EXISTING STEEL GUARDRAIL TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, MODIFICATION IF REQUIRED, AND REINSTALLATION OF ANY EXISTING GUARDRAILS THAT MAY INTERFERE WITH THE COMPLETION OF THE PROJECT. MODIFIED COMPONENTS SHALL BE PAINTED TO MATCH EXISTING.

END OF ADDENDUM ONE



**STRUCTURAL
TENDER ADDENDUM**
Issued to: NATIONAL
RESEARCH
COUNCIL
CANADA

STA-01

April 12, 2023

Project: BUILDING M38 – FLOOR FACILITY

Project No.: 22-085

Architect: NATIONAL RESEARCH COUNCIL CANADA

The following clarification and revision items are noted, as they relate to the specifications and drawings previously issued.

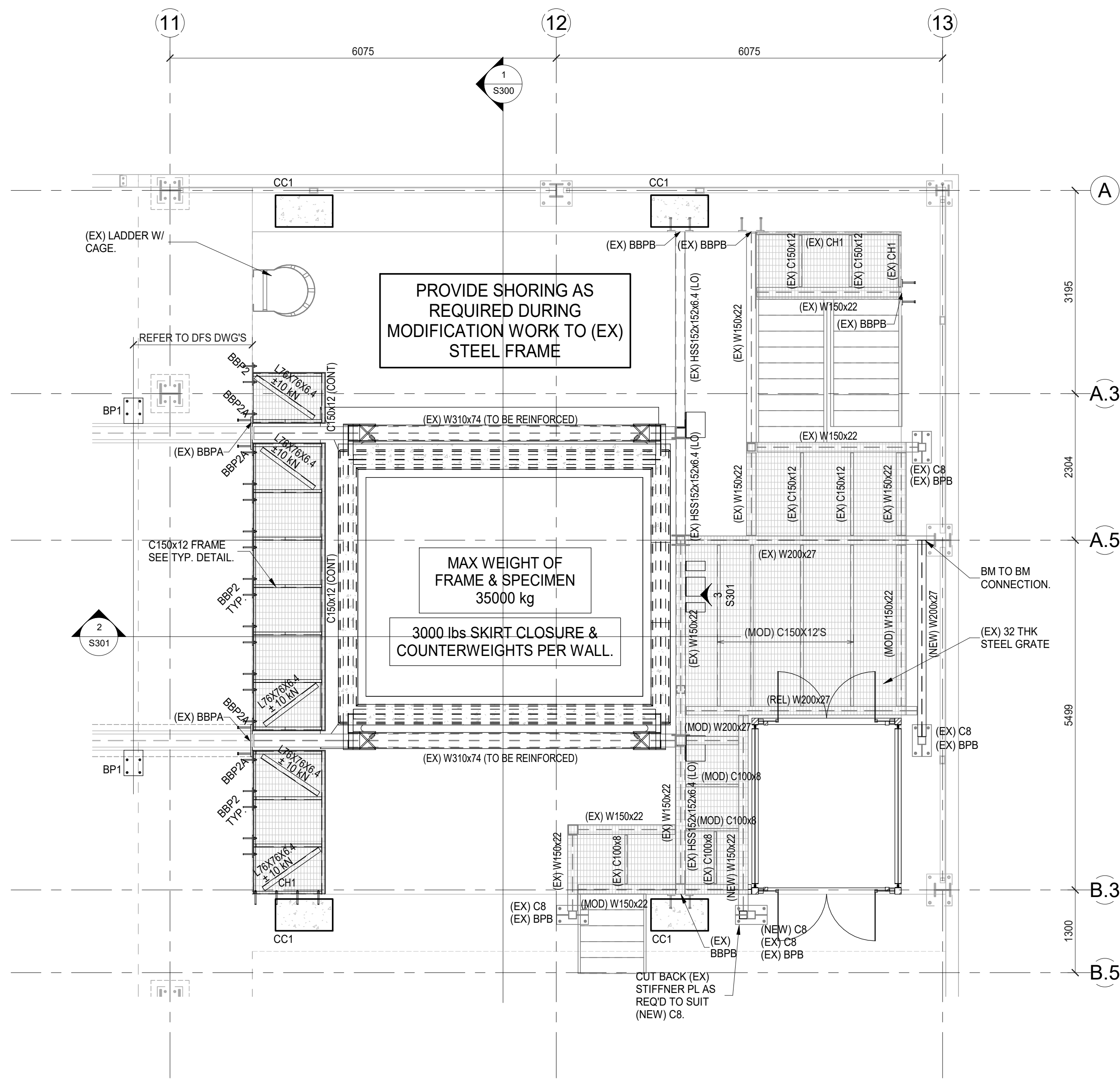
STRUCTURAL ITEMS

1. **Title:** REVISIONS & CLARIFICATIONS TO TENDER DRAWINGS

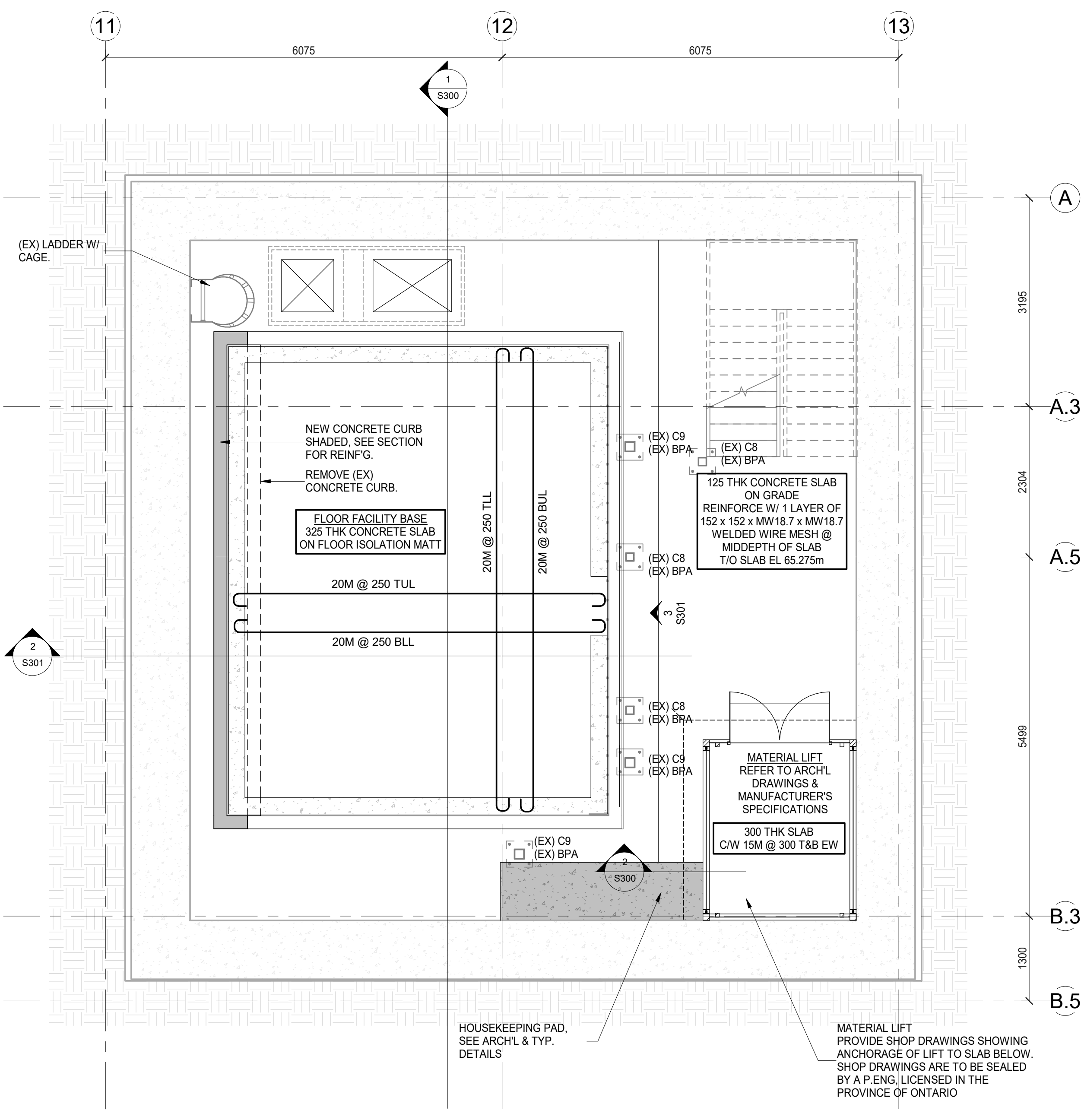
2. **Attachments:**
S100, S302

3. **Description:**
Sheets revised as clouded

END OF ADDENDUM



GROUND FLOOR



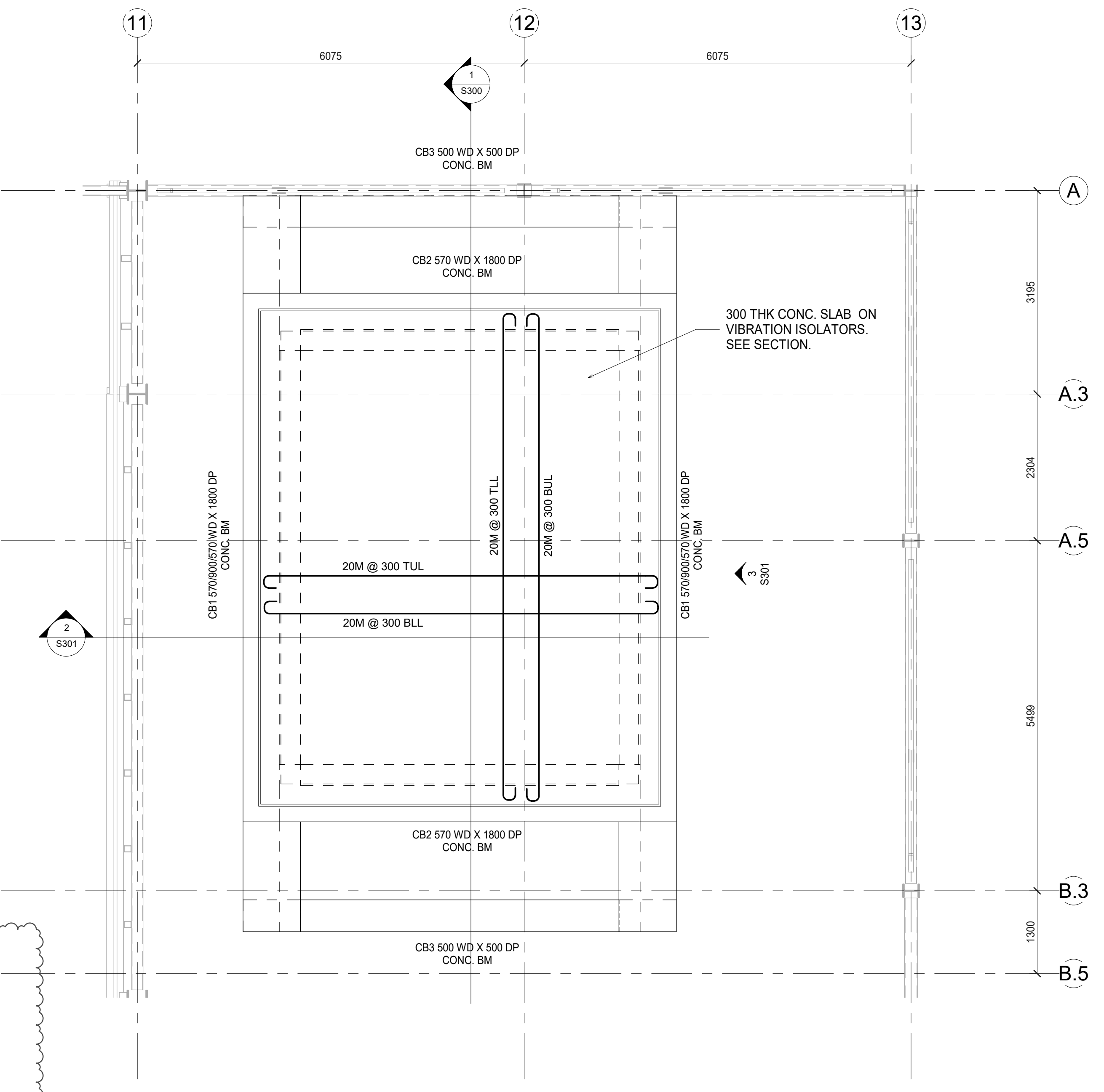
T/O SLAB LOWER FACILITY

GUARDS & HANDRAILS
REFER TO ARCHITECTURAL DRAWINGS FOR ALL REMOVAL AND REINSTATEMENT OF RAILINGS AND GUARDS.

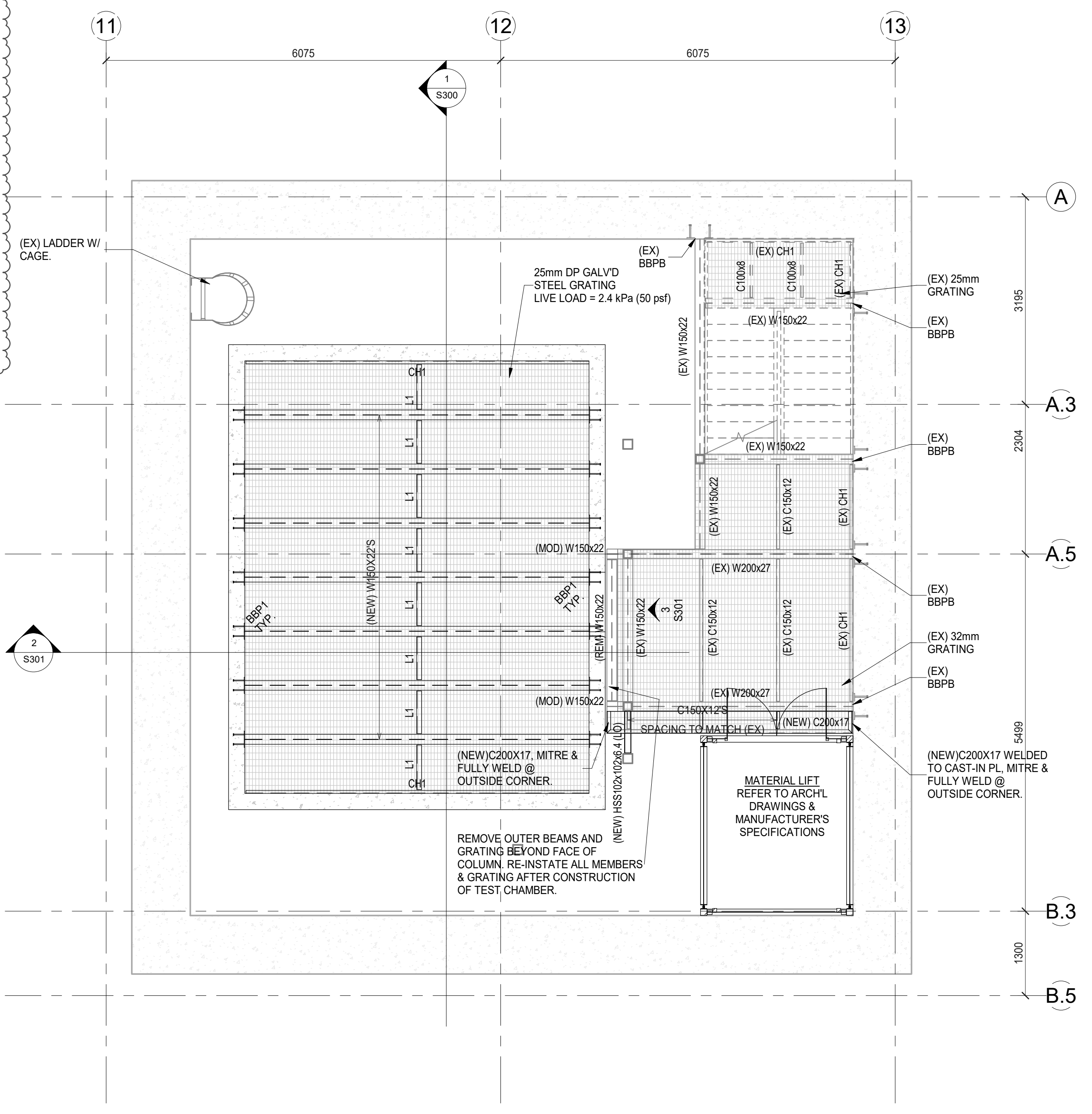
LEGEND
(EX) CH1 = C150X12 SECURE CHANNEL USING 160 HILTI HIT ANCS @ 600 HY200 ADHESIVE (150 EMBEDMENT)
(EX) L1 = L78X76X6.4
CH1 = C150X12 SECURE CHANNEL USING 160 HILTI HIT ANCS @ 600 HY200 ADHESIVE (150 EMBEDMENT)
(EX) = EXISTING
(MOD) = MODIFIED
(REM) = REMOVED

CONCRETE COMPRESSIVE STRENGTHS:
35 MPa TYPE N - COLUMNS & BEAMS
35 MPa TYPE N - TEST FRAME
35 MPa TYPE N - UPPER & LOWER CHAMBER
25 MPa TYPE N - SLAB ON GRADE & CURBS

CONTRACTOR IS TO VERIFY THEIR FORM WORK CAN WORK AROUND EXISTING MEZZANINE/ STAIR STRUCTURE, WITH EXCEPTION OF ELEMENTS NOTED TO BE REMOVED AND REINSTATE. IF ANY STEEL REMOVAL/ MODIFICATION IS REQUIRED BEYOND WHAT IS SHOWN TO FACILITATE FORMWORK, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REINSTATE. ANY ENGINEERING AND SHOP DRAWINGS FOR SHORING OR STEEL TO COMPLETE THIS WORK IS THE RESPONSIBILITY OF THE CONTRACTOR.



FLOOR FACILITY ROOF



LOWER MEZZANINE FLOOR

No.	Revision Description	Date
11	ISSUE FOR TENDER ADDENDUM 1	23-04-12
10	ISSUE FOR TENDER	23-02-21
9	ISSUE FOR TRANSLATION	23-01-08
8	ISSUE FOR FINAL OWNER REVIEW	22-12-15
7	ISSUE FOR REVIEW	22-12-02
6	ISSUE FOR REVIEW	22-11-29
5	ISSUE FOR REVIEW	22-11-09
4	ISSUE FOR REVIEW	22-11-07
3	ISSUE FOR REVIEW	21-10-25
2	ISSUE FOR REVIEW	21-09-24
1	ISSUE FOR REVIEW	20-10-02

- THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL SPECIFICATIONS TO THE PROJECT.
- ADDITIONAL INFORMATION MAY BE OBTAINED FOR CLARIFICATION TO ASSIST PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MEANING AND INTENT AS IF THEY WERE INCLUDED WITH THE DRAWINGS IN THE CONTRACT DOCUMENT.
- DO NOT SCALE DRAWINGS

CUNLIFFE & ASSOCIATES
CONSULTING STRUCTURAL ENGINEERS
200-1550 CARLING AVE
OTTAWA, ONTARIO
CANADA K1Z 6S8
T: 613-729-7242
F: 613-728-1441
E: cuncliffe@cuncliffe.ca
W: www.cuncliffe.ca

PROJECT
**BUILDING M38
FLOOR FACILITY**

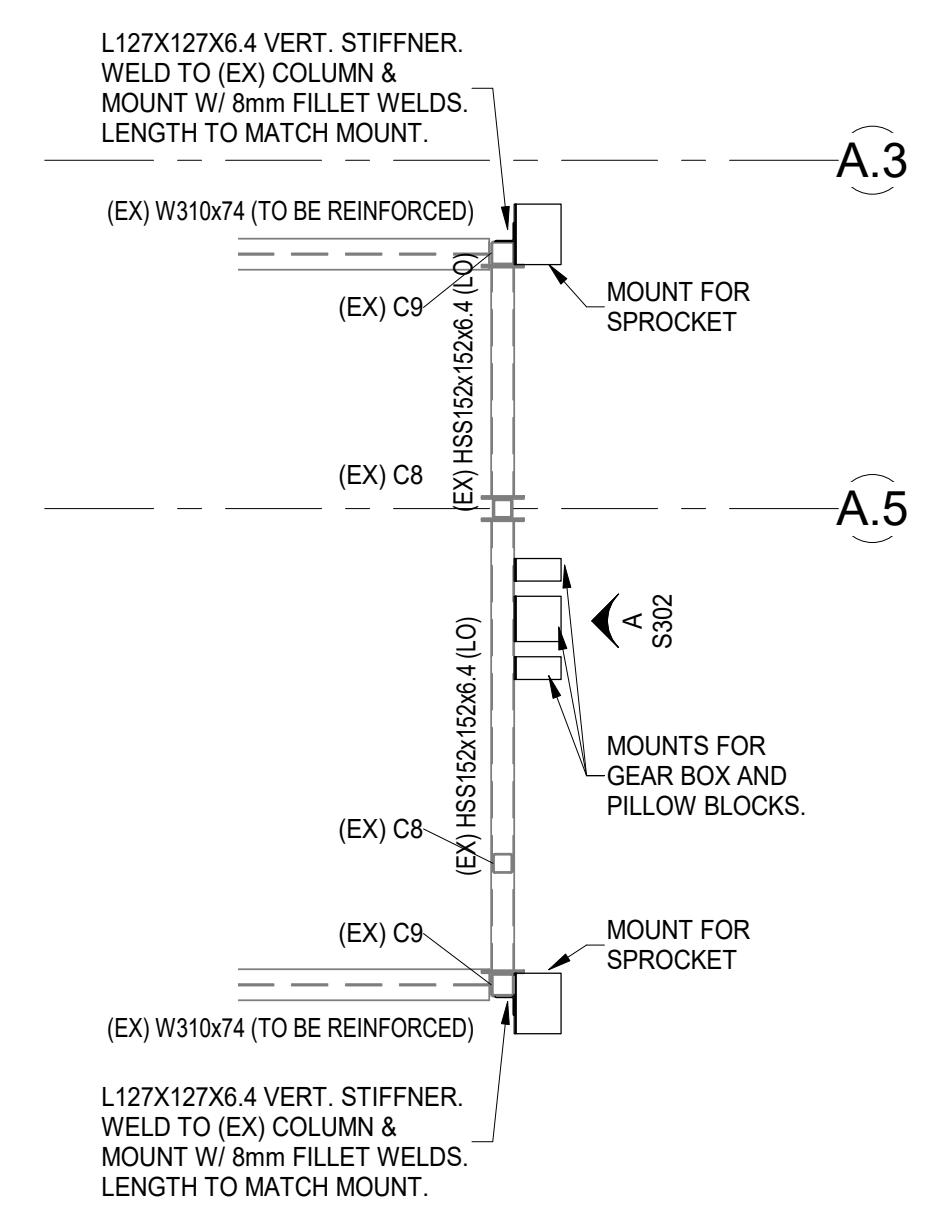
ARCHITECT
**NATIONAL RESEARCH
COUNCIL CANADA**

DRAWING TITLE
PLANS

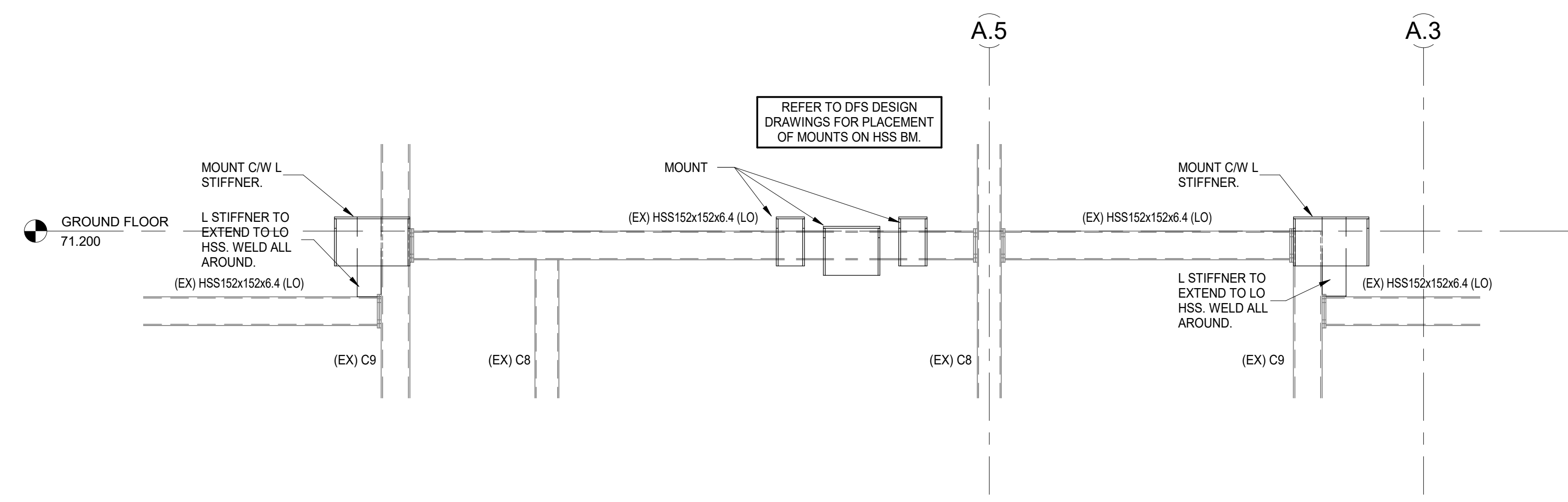
DRAWN PMD REVIEWED JC SCALE 1:50
ENGINEERS SEAL PROJECT No. 22-085

SHEET No. S100

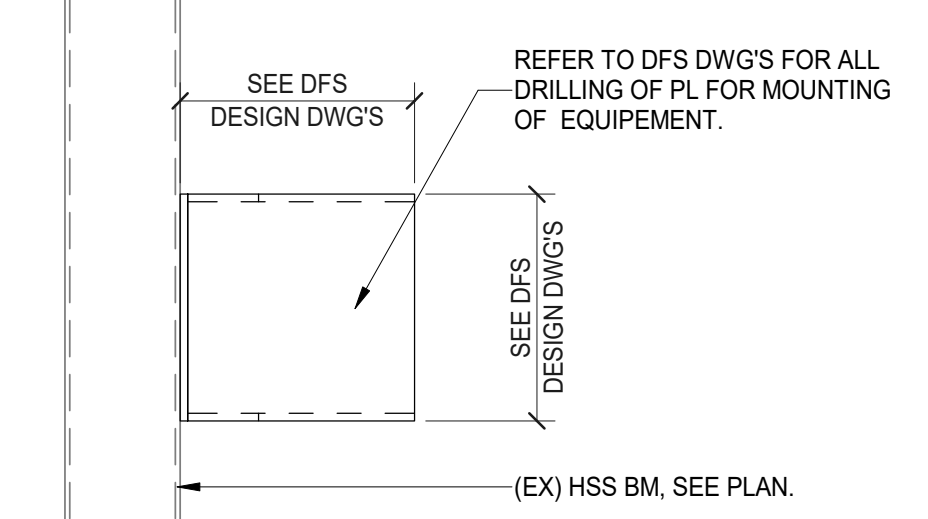
REVISION No. 11



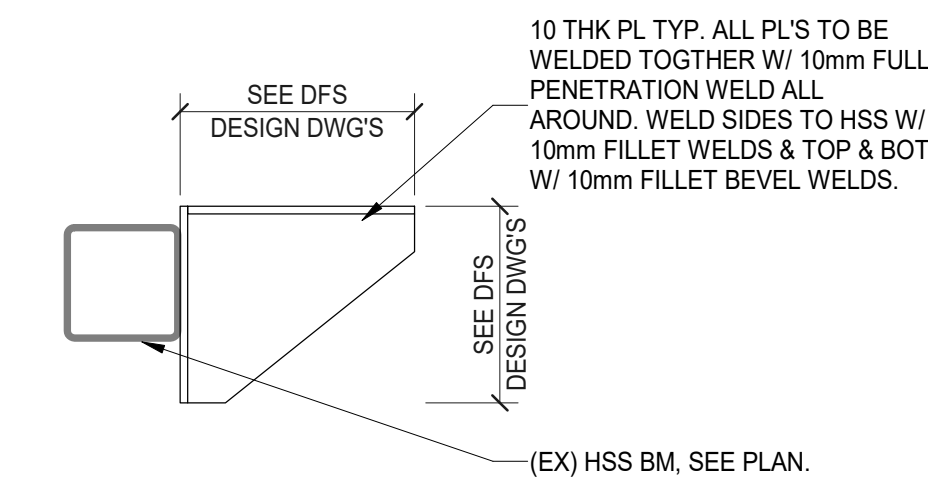
PLAN DETAIL @ CHAIN DRIVE SYSTEM MOUNTS
1 : 50



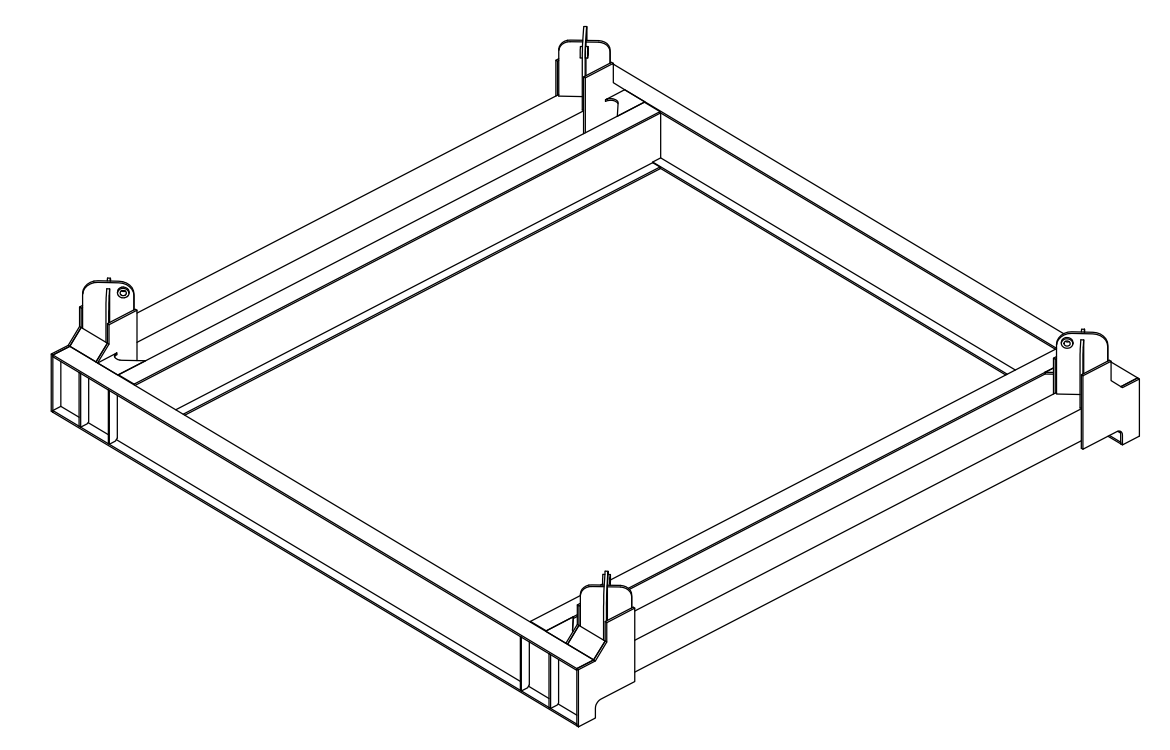
ELEVATION
1 : 20



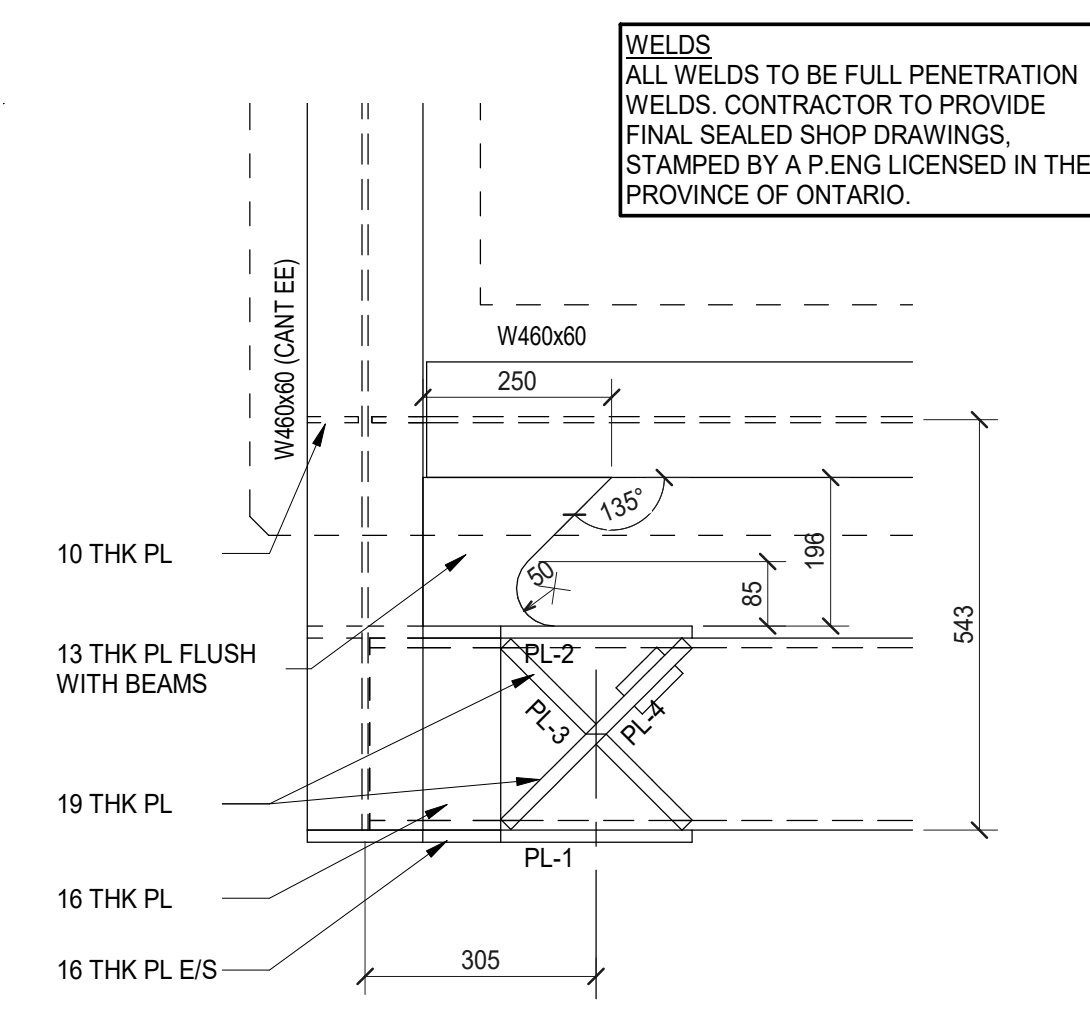
PLAN @ MOUNT
1 : 10



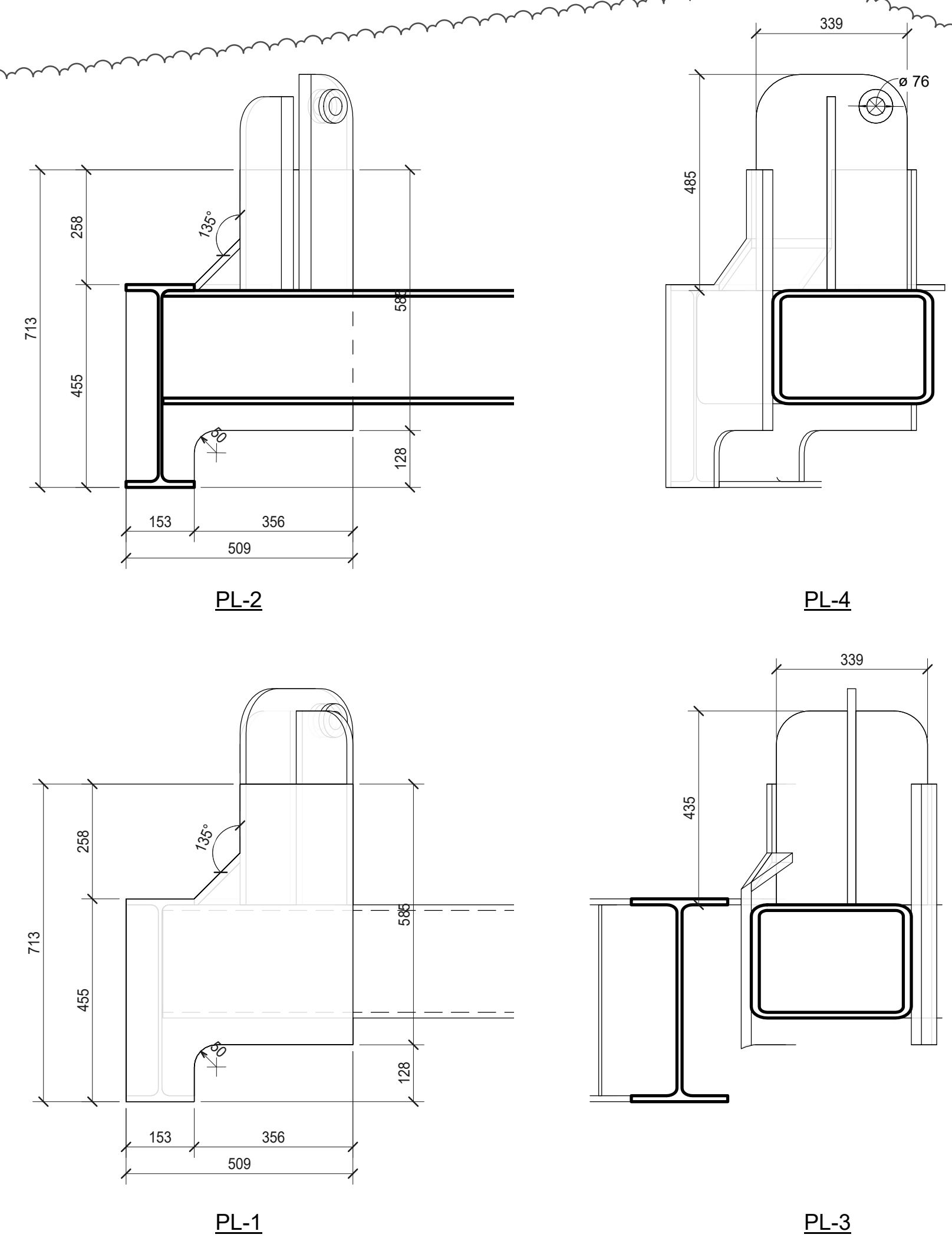
SECTION @ MOUNT
1 : 10



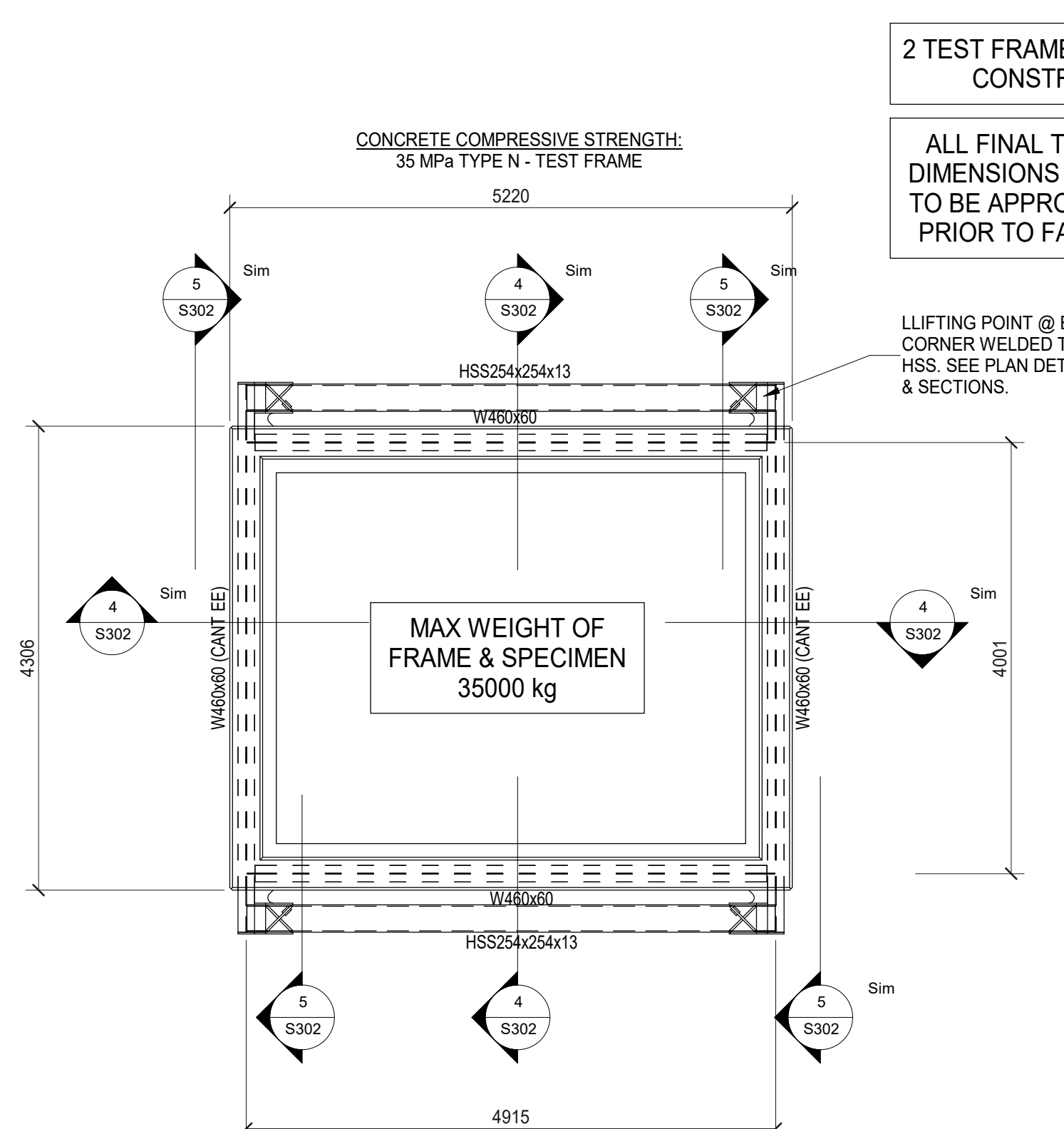
ISOMETRIC @ FLOOR FRAME STRUCTURAL STEEL



PLAN @ LIFTING POINTS
1 : 10

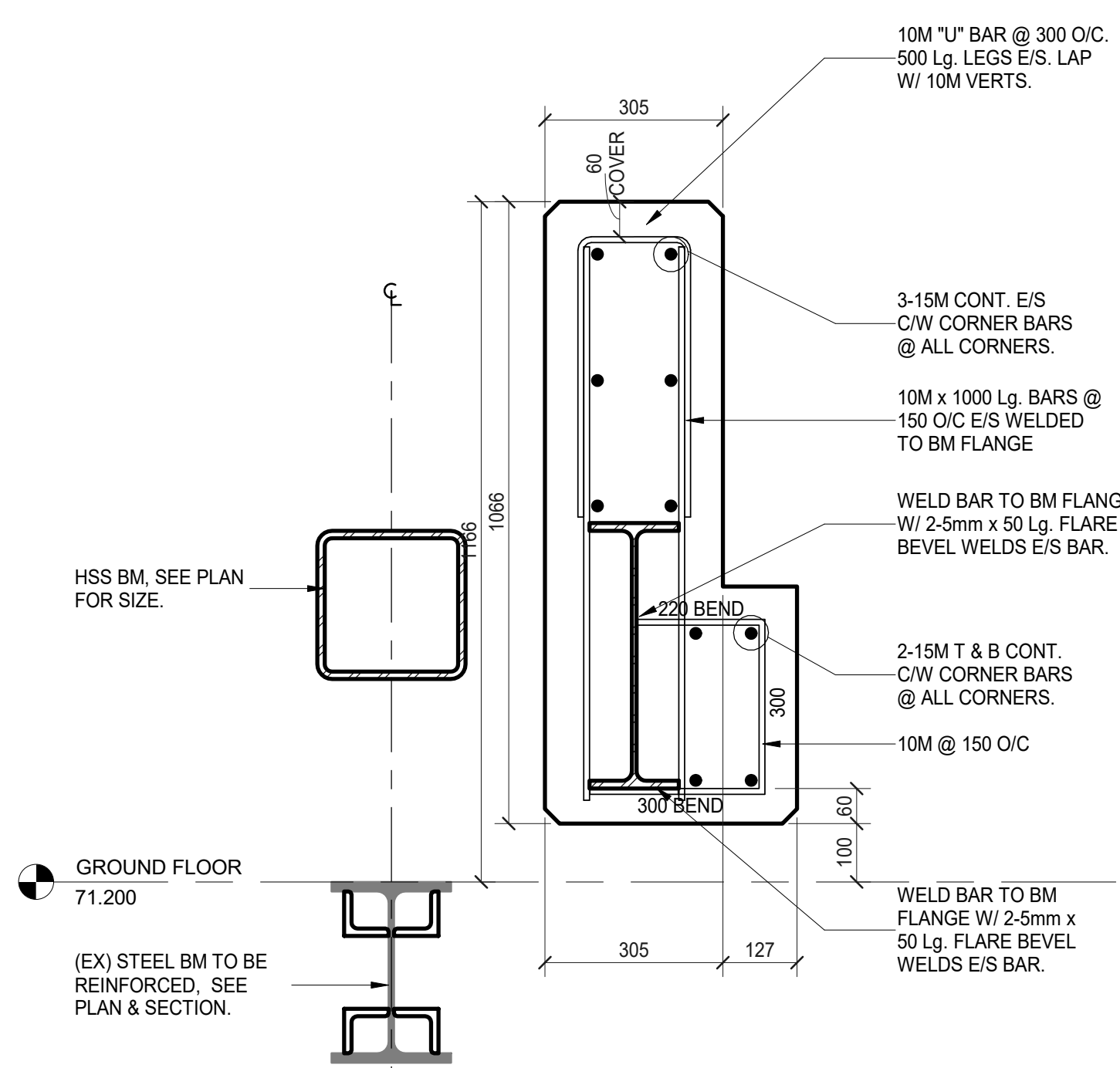


PL-1 PL-2 PL-3 PL-4

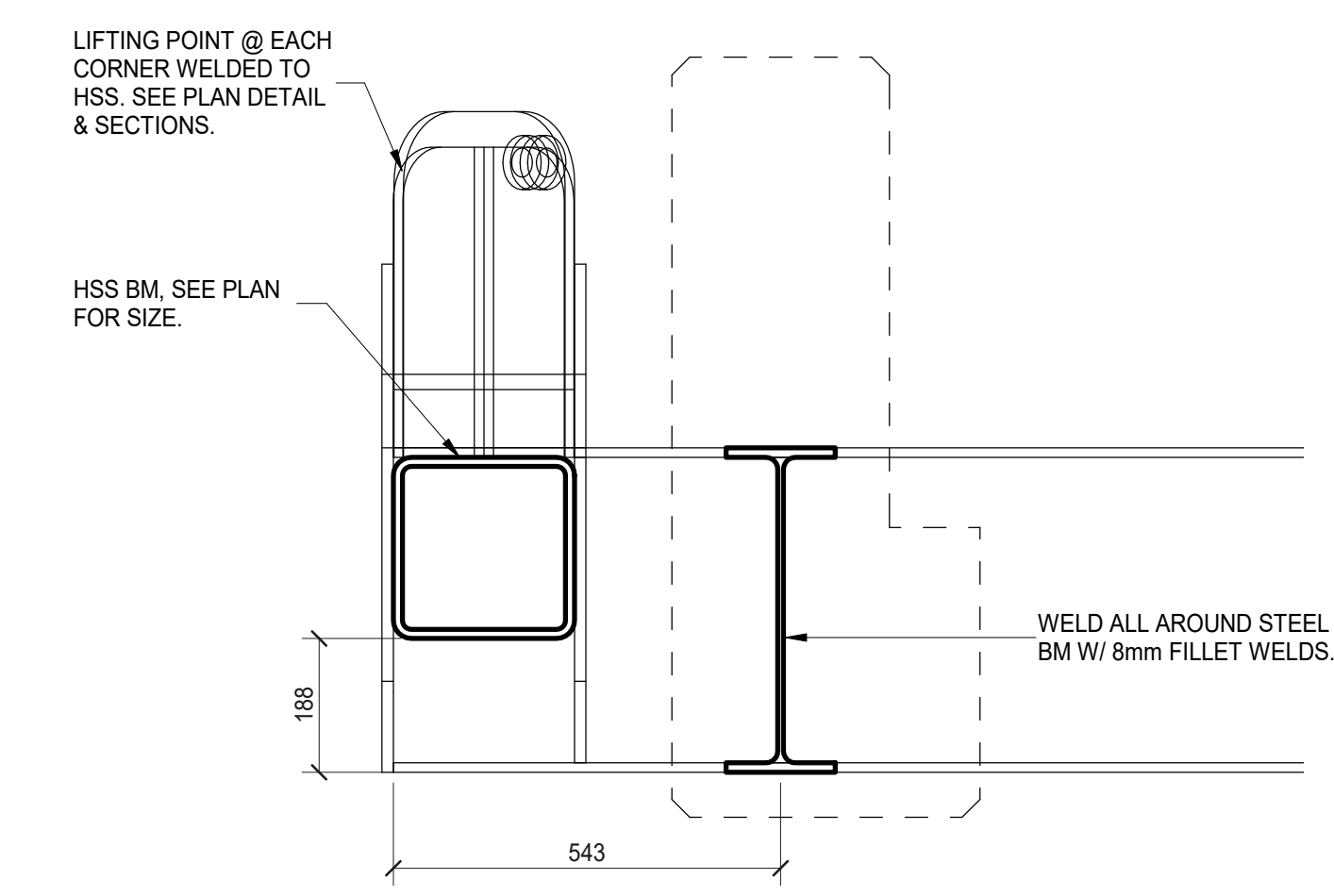


PLAN @ FLOOR FRAME (2 TOTAL)
1 : 50

2 TEST FRAMES ARE TO BE CONSTRUCTED
ALL FINAL TEST FRAME DIMENSIONS AND LAYOUT TO BE APPROVED BY NRC PRIOR TO FABRICATION.



SECTION 4
1 : 10



SECTION 5
1 : 10

No.	Revision Description	Date
6	ISSUE FOR TENDER ADDENDUM 1	23-04-12
5	ISSUE FOR TENDER	23-02-21
4	ISSUE FOR TRANSLATION	23-01-08
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2	ISSUE FOR REVIEW	22-12-02
1	ISSUE FOR REVIEW	22-11-25

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W: www.cunliffe.ca

PROJECT
**BUILDING M38
FLOOR FACILITY**

ARCHITECT
**NATIONAL RESEARCH
COUNCIL CANADA**

DRAWING TITLE
SECTIONS

DRAWN PMD	REVIEWED JC	SCALE As indicated
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ENGINEERS SEAL	PROJECT No. 22-085
	SHEET No.

23-04-12
R. I. CUNLIFFE
S302
REVISION No. 6