

GENERAL

THE GENERAL NOTES AND TYPICAL DETAILS ARE APPLICABLE TO ALL STRUCTURAL CONDITIONS NOT SPECIFICALLY DETAILED OR REFERENCED ON STRUCTURAL DRAWINGS.

THESE NOTES, DETAILS AND DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.

THESE DRAWINGS ARE FOR THE USE OF THE CONSULTANTS CLIENT ONLY. ALL INFORMATION SHOWN APPLIES TO THIS PROJECT ONLY AND REFLECTS THE BEST JUDGEMENT OF THE CONSULTANT IN LIGHT OF THE AVAILABLE INFORMATION AT THE TIME OF PREPARATION.

THESE DRAWINGS ARE THE PROPERTY OF ADELEAN ALLEN RUBELL LTD.

DIMENSIONS

CHECK DIMENSIONS ON THESE DRAWINGS AGAINST DIMENSIONS ON ALL CONSULTANT DRAWINGS BEFORE USING THEM FOR FABRICATION OR CONSTRUCTION. REPORT DISCREPANCIES IMMEDIATELY UPON DISCOVERY.

DRAWINGS HAVE BEEN MADE REASONABLY TO SCALE BUT CONTRACTOR MUST NOT SCALE THE DRAWINGS.

CONTRACTOR TO CONFIRM EXISTING BUILDING LOCATION AND TIE-IN POINTS BEFORE CONSTRUCTION.

RECORD DRAWINGS

CONTRACTOR SHALL MAINTAIN TWO SETS OF RECORD DRAWINGS, SHOWING AS-BUILT CONDITIONS OF ALL ASPECTS OF THE STRUCTURE, AVAILABLE FOR REVIEW DURING CONSTRUCTION, AND FOR SUBMISSION TO THE CONSULTANT AND THE OWNER UPON PROJECT COMPLETION.

SHOP DRAWINGS AND SUBMITTALS

GENERAL:
REPRODUCTIONS OF THE STRUCTURAL DRAWINGS SHALL NOT BE ACCEPTED AS SHOP DRAWINGS.

"PROFESSIONAL ENGINEER" IN THE FOLLOWING PARAGRAPHS AND THROUGHOUT THESE DRAWINGS MEANS A PROFESSIONAL ENGINEER REGISTERED IN AND LICENSED TO PRACTICE IN THE PROVINCE OF ONTARIO AND THE ENGINEER'S "SEAL" SHALL INCLUDE THEIR STAMP, THEIR SIGNATURE AND THE DATE OF SEALING.

REVIEW OF DRAWINGS APPLIES TO GENERAL ARRANGEMENT ONLY FOR THE PURPOSE OF ASCERTAINING CONFORMANCE WITH THE GENERAL DESIGN CONCEPT. THIS REVIEW DOES NOT IMPLY APPROVAL OF DETAIL DESIGN OR QUANTITIES IN SUBMITTED DRAWINGS, NOR DOES IT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY FOR MAKING THE WORK COMPLETE, ACCURATE AND IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS. ALLOW 15 WORKING DAYS FOR SHOP DRAWING REVIEW.

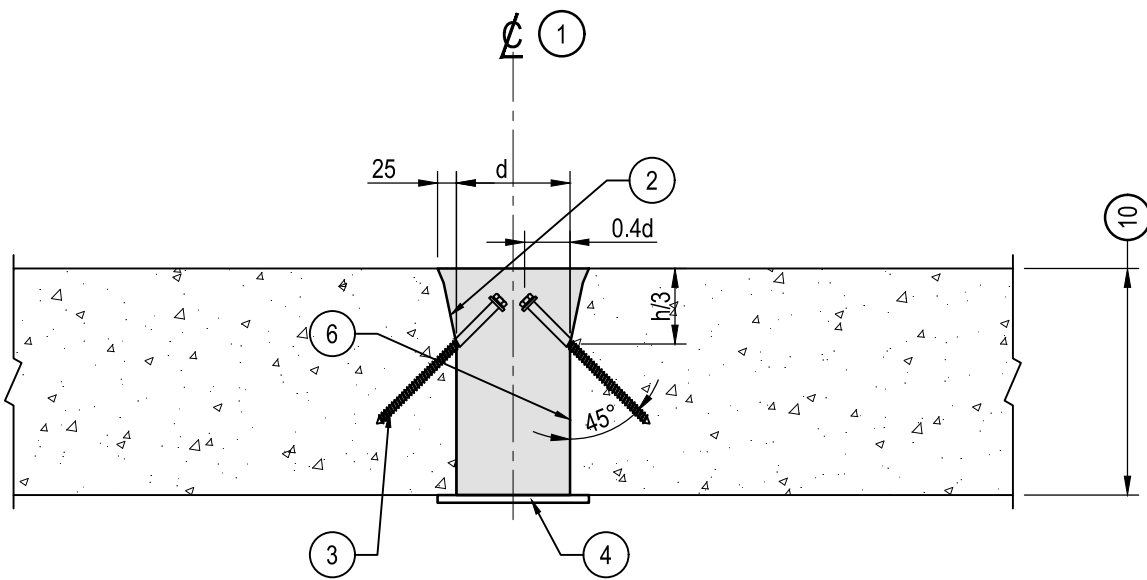
DO NOT FABRICATE MATERIALS BASED ON REJECTED OR DISAPPROVED SHOP DRAWINGS.

DOCUMENT SUBMISSIONS SHALL INCLUDE FOR EACH DOCUMENT ELECTRONIC FILES IN PDF FORMAT IN PDF FORMAT DELIVERED BY EMAIL TO submittals@aeal.ca, UNLESS OTHER FORMATS AND/OR METHODS OF DELIVERY ARE AGREED IN WRITING IN ADVANCE OF SUBMISSION.

DESIGN INTENT

AAR HAS COORDINATED AND REVIEWED THE PROJECT SCOPE OF WORK WITH THE CONSULTING TEAM AND THE REQUIRED STRUCTURAL ACTION WAS ADDED ACCORDINGLY TO THE STRUCTURAL DRAWINGS. THE STRUCTURAL SCOPE OF WORK THAT WAS REVIEWED WAS LIMITED TO THE FOLLOWING:

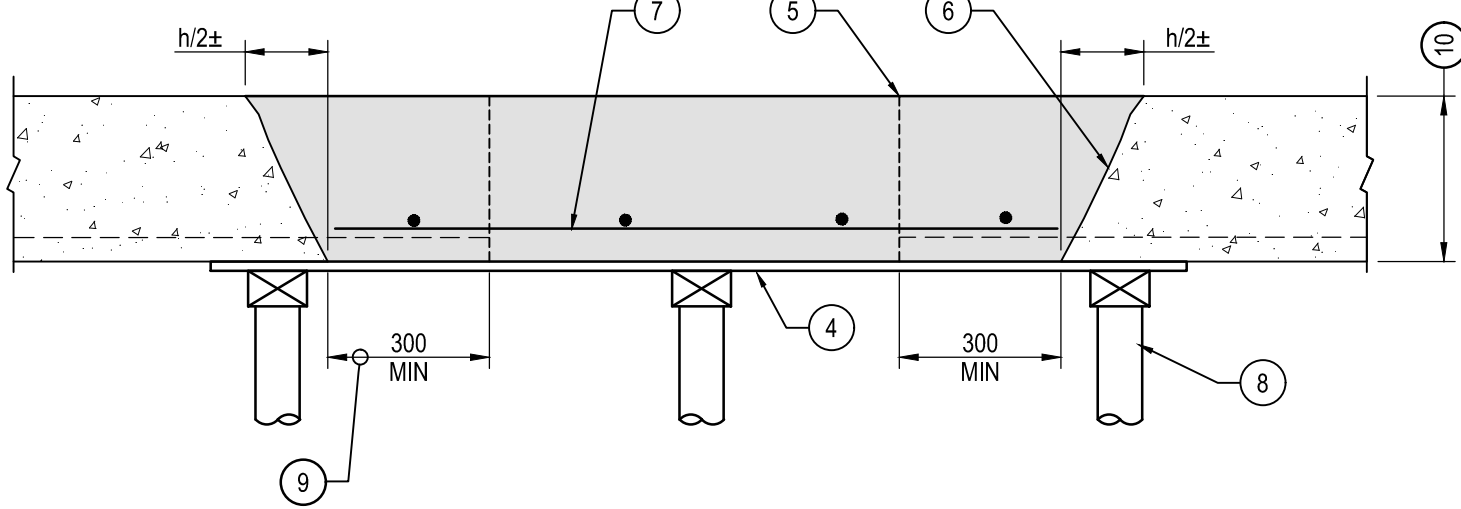
- VERTICAL PENETRATION INFILLS THROUGH THE EXISTING FLOOR STRUCTURES, WHICH HAVE BEEN IDENTIFIED ON THE STRUCTURAL DRAWINGS.
- OPENINGS 150 AND SMALLER HAVE NOT BEEN IDENTIFIED ON THE STRUCTURAL DRAWINGS AND MAY BE INFILLED PER THE TYPICAL DETAILS. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL OPENING LOCATIONS.
- IT IS OUR UNDERSTANDING THAT THERE ARE NO NEW VERTICAL OR HORIZONTAL PENETRATIONS THROUGH EXISTING STRUCTURAL ELEMENTS EXCEPT AS NOTED ABOVE.
- THE SUPERIMPOSED DESIGN DEAD AND LIVE LOADS HAVE BEEN INDICATED ON THE STRUCTURAL DRAWINGS TO ALLOW THE CONTRACTOR TO ASSESS AND PROPOSED POSSIBLE EQUIPMENT AND MACHINERY WITHIN THE BUILDING.
- THE PERIMETER NON-LOAD BEARING TERRA COTTA WALL OPENINGS AT THE COLUMN LOCATIONS TO ALLOW FOR MECHANICAL RISER ABATEMENT HAVE BEEN REVIEWED STRUCTURALLY. IT SHOULD BE NOTED THAT THE TERRA COTTA WALL OPENINGS CONSIST OF A NARROW VERTICAL CUT ONLY WITH NO HORIZONTAL PROJECTIONS. IT SHOULD ALSO BE NOTED THAT THE EXISTING TERRA COTTA WALLS DO NOT EXTEND PAST THE EXISTING CEILING LEVEL WHERE THE OPENINGS ARE TO BE CREATED. IT IS OUR OPINION THAT SUPPLEMENTARY REINFORCING OR TEMPORARY SUPPORTS OF THE NON-LOAD BEARING WALLS IN THIS APPLICATION IS NOT REQUIRED PROVIDED THE TERRA COTTA IS REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE CONTRACTORS APPROVED METHODOLOGY TO BE SUBMITTED. THE TERRA COTTA WALL OPENINGS WILL BE INFILLED IN FUTURE PHASES OF WORK, OUTSIDE OF THE CURRENT SCOPE.
- THE CONTRACTOR IS TO DEVELOP A DETAILED REMOVAL METHODOLOGY FOR ALL OPENINGS AND REMOVALS OF TERRA COTTA BASED ON THE PERFORMANCE REQUIREMENTS OF THE SPECIFICATIONS. THE CONTRACTOR IS TO SUBMIT THE DETAILED METHODOLOGY FOR REVIEW AND APPROVAL BY THE DEPARTMENTAL REPRESENTATIVE. DO NOT PROCEED WITH ANY TERRA COTTA REMOVALS UNLESS THE METHODOLOGY HAS BEEN APPROVED. THE REMOVAL METHODOLOGY IS TO BE DEVELOPED WITH THE INTENT THAT THE STABILITY OF THE TERRA COTTA IS NOT REDUCED.



TYPICAL REPAIR DETAIL

NOT TO SCALE

(OPENINGS BETWEEN 30mm < d ≤ 150mm)
(FOR PRICING PURPOSES, CONTRACTOR TO ASSUME 3 LOCATIONS)

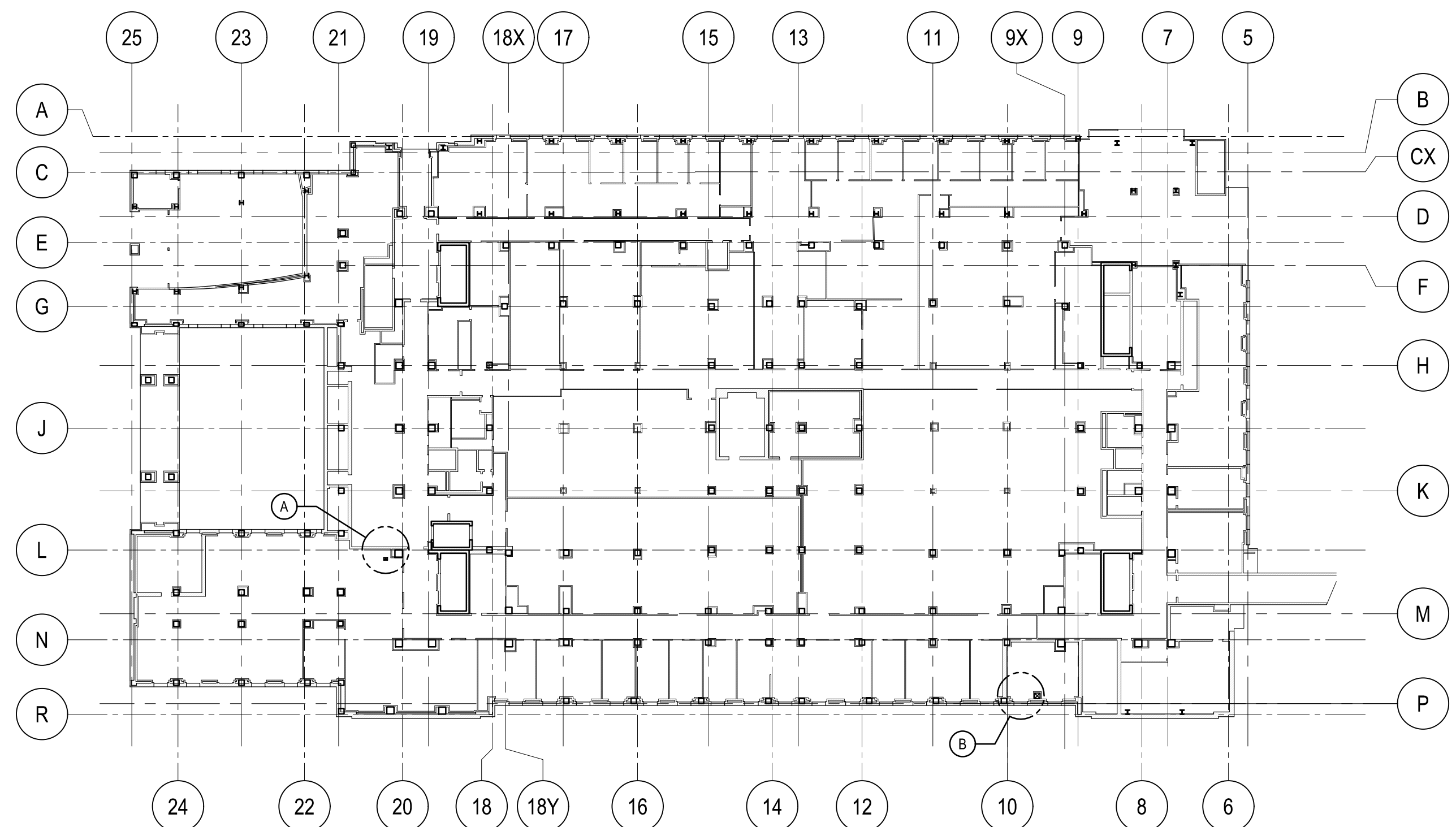


TYPICAL REPAIR DETAIL

NOT TO SCALE

(OPENINGS BETWEEN 150mm < d ≤ 500mm)
(FOR PRICING PURPOSES, CONTRACTOR TO ASSUME 2 LOCATIONS, AS SHOWN ON PLAN)

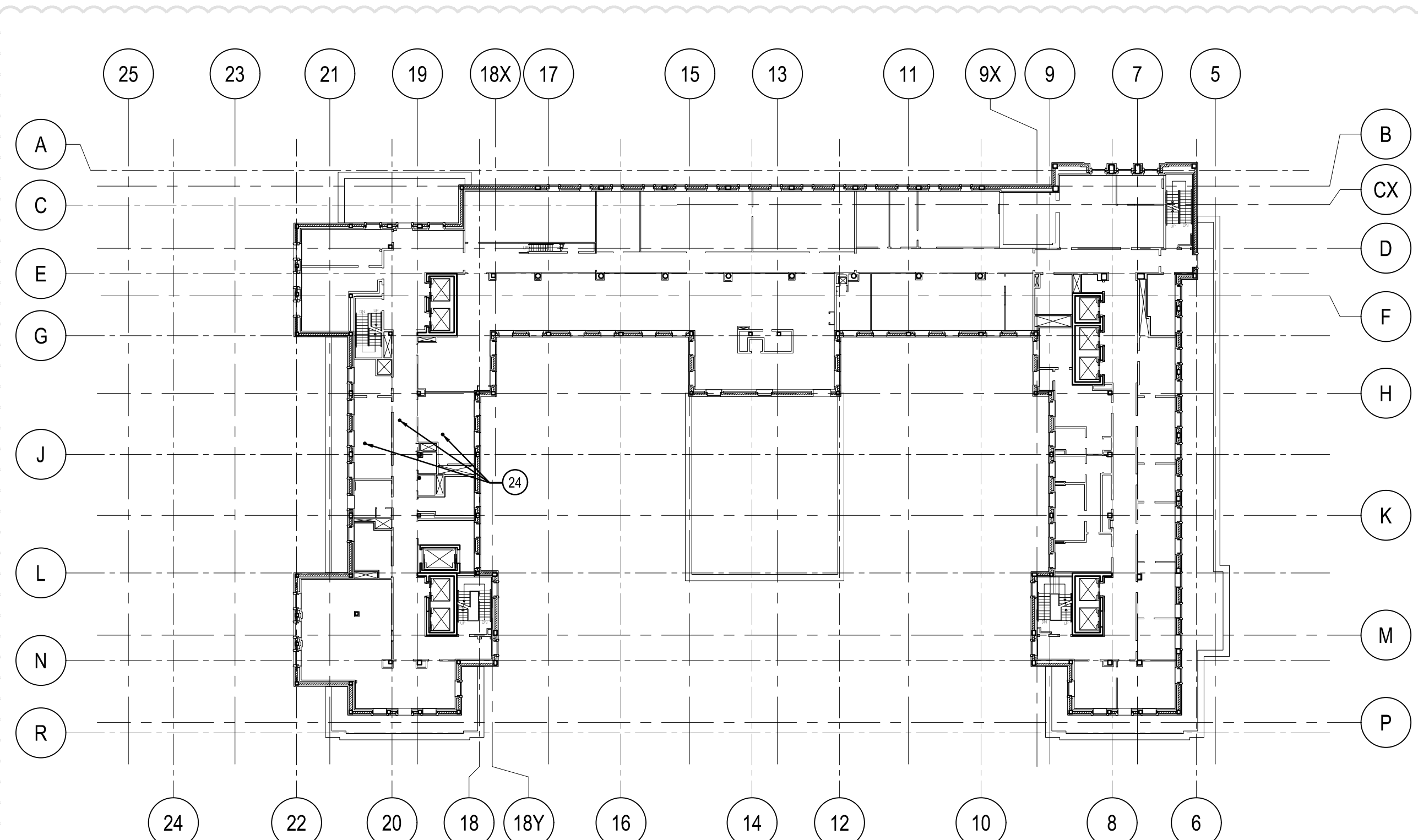
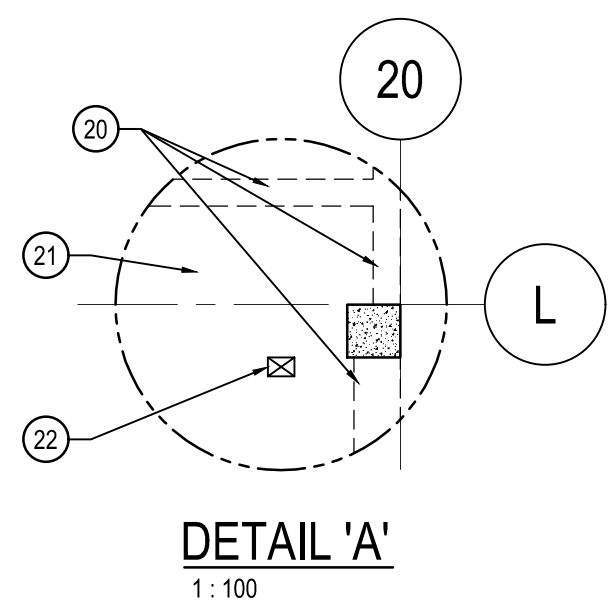
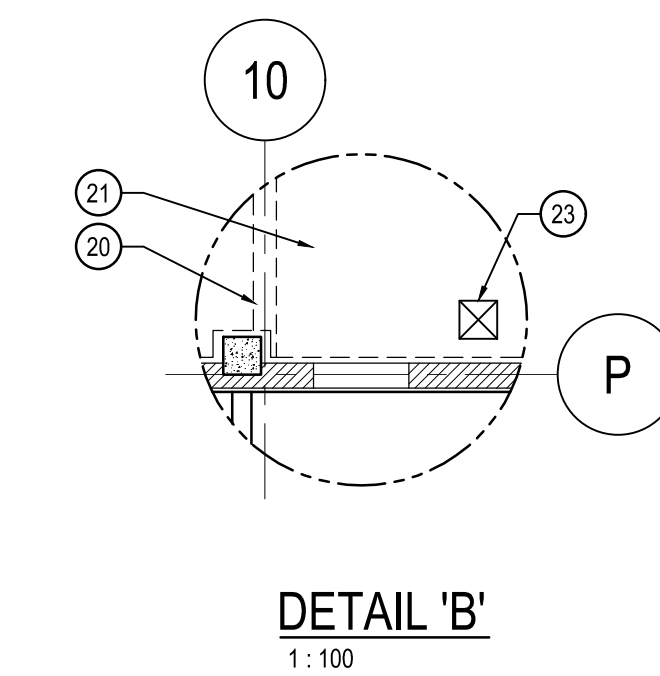
Notes French	Notes English
	<div><div><div><div>1</div><div>SYMMETRICAL LIN</div></div><div><div>2</div><div>ROUGHEN ONLY WHEN OPENING IS BETWEEN 100mm < d ≤ 150mm</div></div><div><div>3</div><div>PROVIDE THREE 8mm CONCRETE SCREWS, EQUALLY SPACED, WITH AN EMBEDMENT OF 38mm. CONTRACTOR TO ENSURE THE EXISTING CONCRETE IS SURFACE SATURATED DRY.</div></div><div><div>4</div><div>FORM SOFFIT OF SLAB TO SUIT EXISTING DIMENSIONS AND FINISH.</div></div><div><div>5</div><div>OUTLINE OF EXISTING OPENING</div></div><div><div>6</div><div>APPLY BONDING AGENT</div></div><div><div>7</div><div>INSTALL NEW REINFORCING TO MATCH EXISTING AND LAP WITH EXISTING SLAB REINFORCING</div></div><div><div>8</div><div>SHORING FOR SLAB AND BEAM JOISTS</div></div><div><div>9</div><div>CHP BACK MIN. 300 ON ALL SIDES OF THE OPENING ENSURE NOT TO DAMAGE ALL EXISTING REINFORCING</div></div><div><div>10</div><div>h (VARIES FROM 64mm TO 178mm)</div></div></div><div><div><div>20</div><div>EXISTING CONCRETE BEAMS</div></div><div><div>21</div><div>EXISTING 152mm SLAB</div></div><div><div>22</div><div>EXISTING 250x350 OPENING TO BE INFILLED PER GENERAL NOTES</div></div><div><div>23</div><div>EXISTING 500x200 OPENING TO BE INFILLED PER GENERAL NOTES</div></div><div><div>24</div><div>EXISTING 102mmØ OPENING TO BE INFILLED PER GENERAL NOTES</div></div></div><div><div>1/11_A03-SD1</div></div></div> <div><div>GENERAL NOTES</div><div>1. REFER TO ALL HERITAGE ACTIONS ON THE HERITAGE DRAWINGS BEFORE UNDERTAKING ANY WORK UNLESS OTHERWISE INDICATED. ALL "RETAIN AND PROTECT" AND "SAVAGE" HERITAGE ACTIONS MUST BE COMPLETE BEFORE ANY DEMOLITION ACTIVITY IS UNDERTAKEN.</div></div>



KEY PLAN - GROUND FLOOR

NOT TO SCALE

DESIGN LOADS:
SELF WEIGHT: VARIES
SUPERIMPOSED DEAD LOAD
AND LIVE LOAD: 7.20 kPa



KEY PLAN - SIXTH FLOOR

NOT TO SCALE

DESIGN LOADS:
SELF WEIGHT: VARIES
SUPERIMPOSED DEAD LOAD
AND LIVE LOAD: 6.00 kPa

Canada

Public Works and Government Services Canada / Travaux publics et services gouvernementaux Canada

Real Property Branch / Direction générale des biens immobiliers

architect

PERKINS + WILL

architecte

architect

GENSLER

architecte

engineer

ADJELEIAN ALLEN RUBELL LTD.

ingénieur

engineer

ADJELEIAN ALLEN RUBELL LTD.

ingénieur

engineer

ADJELEIAN ALLEN RUBELL LTD.

ingénieur

PROJECT NORTH/ NORD POUR PROJET

2017 MARCH 15

2017 MARCH 15

2017 MARCH 15

Entrepreneur de vérifier toutes les dimensions & Conditions sur place et immédiatement aviser l'ingénieur de toutes les divergences

Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

revision/revision

description

date

A detail no. / no. du détail

B location drawing no. / sur dessin no.

C drawing no. / dessin no.

project

WEST MEMORIAL BUILDING - ASSET INTEGRITY PROJECT

344 WELLINGTON ST. OTTAWA, ONTARIO

drawing

dessin

Designed By / Conçu par

Date / (yyyy/mm/dd)

Drawn By / Dessiné par

Date / (yyyy/mm/dd)

Reviewed By / Examiné par

Date / (yyyy/mm/dd)

Approved By / Approuvé par

Date / (yyyy/mm/dd)

Tender / Soumission

Project Manager / Administrateur de projets

Project no. / No. du projet

R.073422.427

Drawing no. / No. du dessin

SD1 00-01

7/9/2016 4:14:27 PM

PWGSC A0 (1180481)

0 10 20mm 40mm 60mm 80mm 100mm 120mm 140mm 160mm 180mm 200mm

