



- | IMPORTANCE FACTOR CATEGORY 'HIGH' | | |
|-----------------------------------|------|------|
| | ULS | SLS |
| SNOW | 1.15 | 0.9 |
| WIND | 1.15 | 0.75 |
| EARTHQUAKE | 1.3 | 1.0 |

 EXISTING WALL
 EXIST. WALL TO BE REMOVED
 NEW WALL

NOTE: CONNECT NEW MASONRY WALLS TO EXISTING MASONRY WALLS USING TOOTH CONNECTION METHOD. SEE DETAIL. NO OTHER TYPE OF CONNECTION IS ACCEPTABLE. TYPICAL

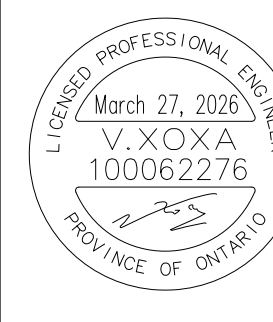


LINTEL NOTES:

- A. GENERAL CONTRACTOR SHALL PROVIDE 38 X 5 X 150 MASONRY TIES WELDED TO BM, AT 600c/c TYPE, FOR ALL BEAM LINTELS AND BMS. IN MASONRY
- B. PROVIDE 1-190 A, BOLTS X 200 LG. GROUTED INTO BLOCK VOIDS OF PIERS BETWEEN OPENINGS, WHERE APPLICABLE.
- C. UNLESS NOTED OTHERWISE BOTT. PLATE OF BEAM LINTELS SHALL STOP SHORT OF OPENINGS AND BEAM BEARING PLATE SHALL BE PROVIDED.
- D. FIRST BLOCK COURSE ABOVE STEEL LINTEL SHALL BE FILLED SOLID WITH 20MPa CONCRETE, TYPE.

VX ENGINEERING inc.
2500 - 135Marlee Avenue
Toronto, Ontario M6B 4C6
416 670 9422 www.vxengineering.com

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[illegible]

no.	issue	date
1	Issued for Coordination	Mar 13, 2020
2	Issued for Permit & Tender	Mar 27, 2020
3	Issued for Construction	Jun 03, 2020

project
TRILLIUM JUNIOR PUBLIC SCHOOL INTERIOR RENOVATIONS
WATERLOO REGION DISTRICT SCHOOL BOARD

79 Laurentian Dr, Kitchener, ON N2E 1C3

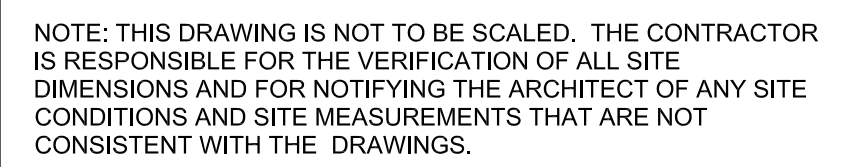
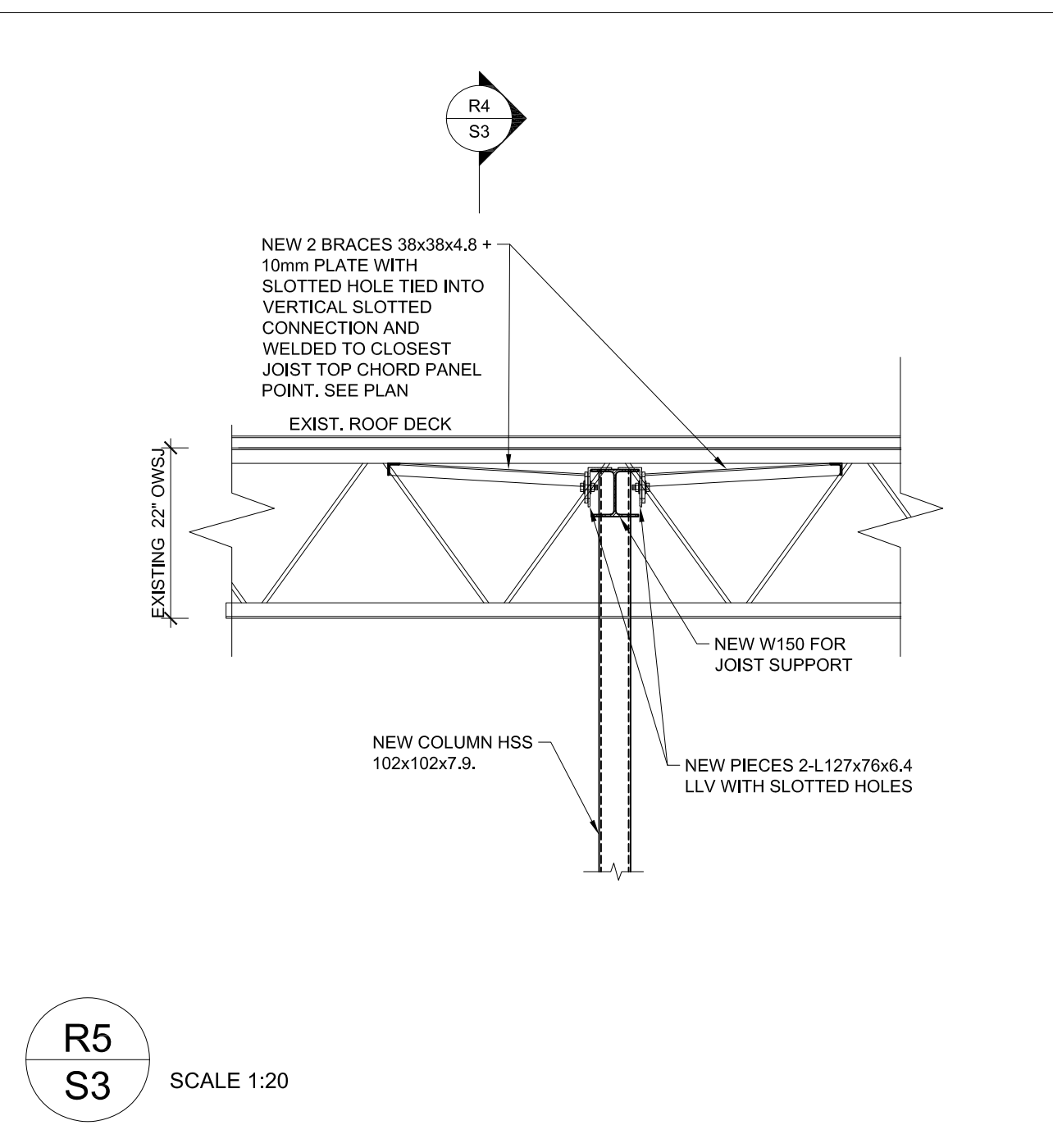
drawing scale

1:50	
ward99 project number	VX Engineering project number
25022 - WRDSB TRILLIUM PS	2607 - TRILLIUM PS

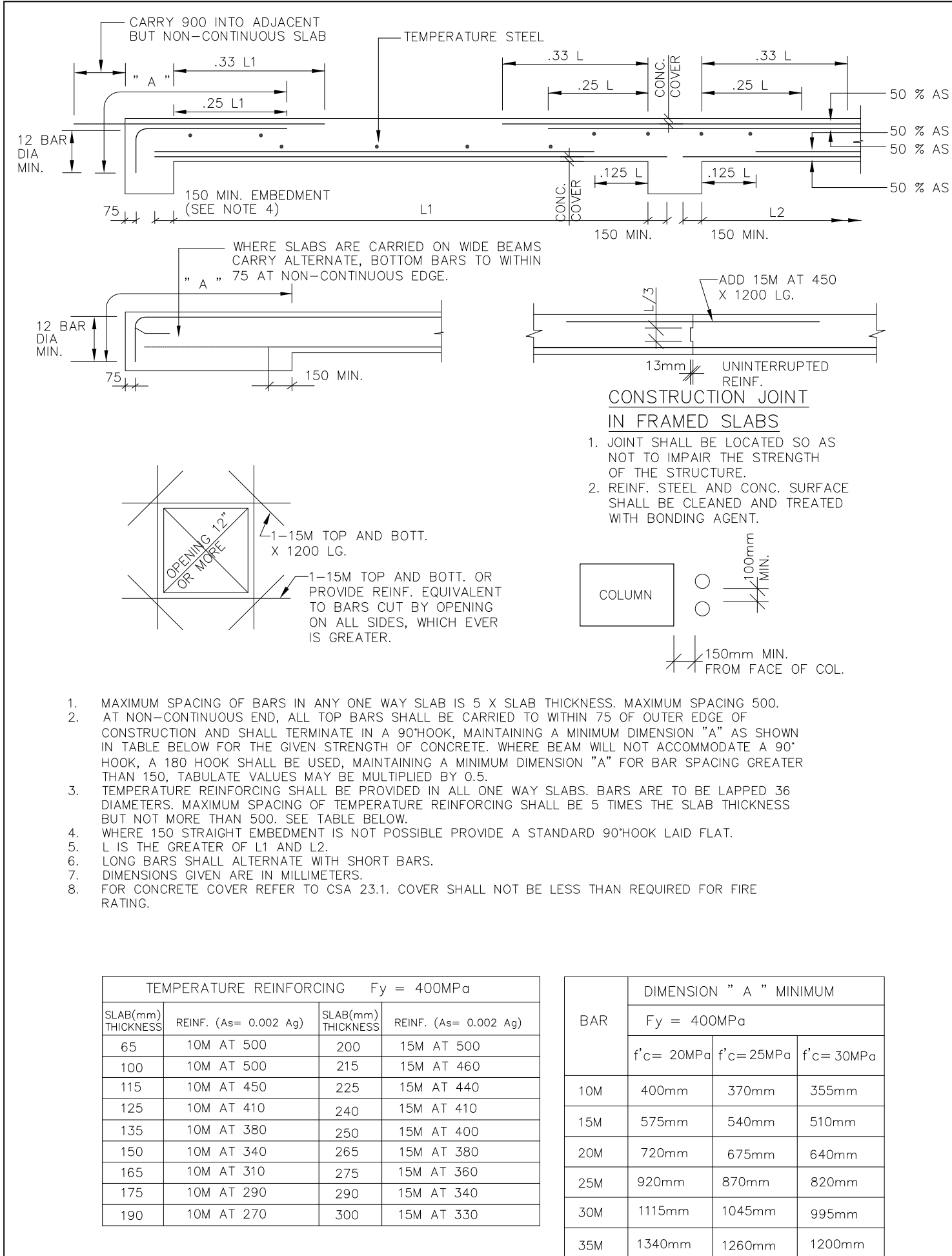
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7611 Pine Valley Drive, Unit 11
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S-2

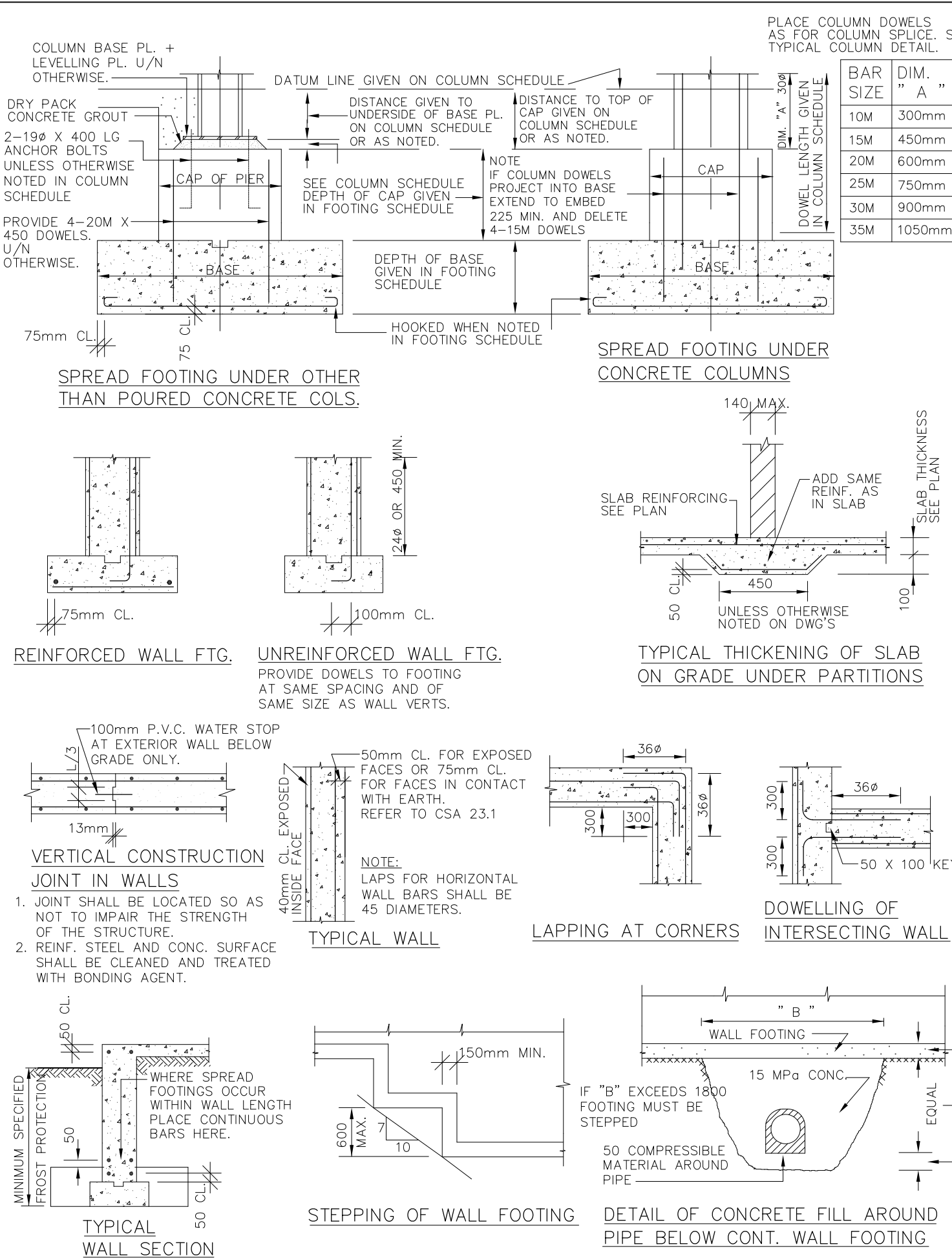


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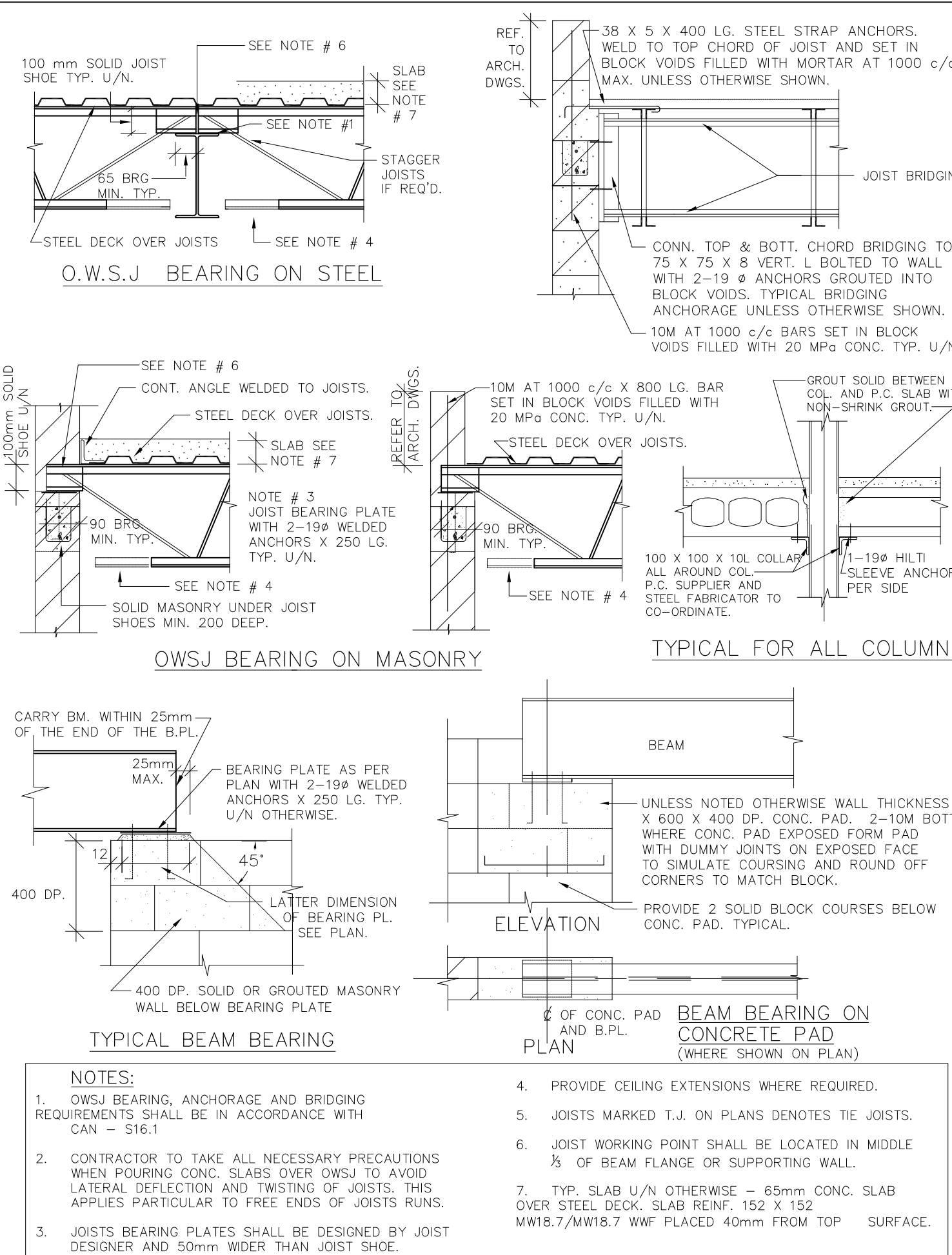
ONE WAY SLAB DETAILS

1



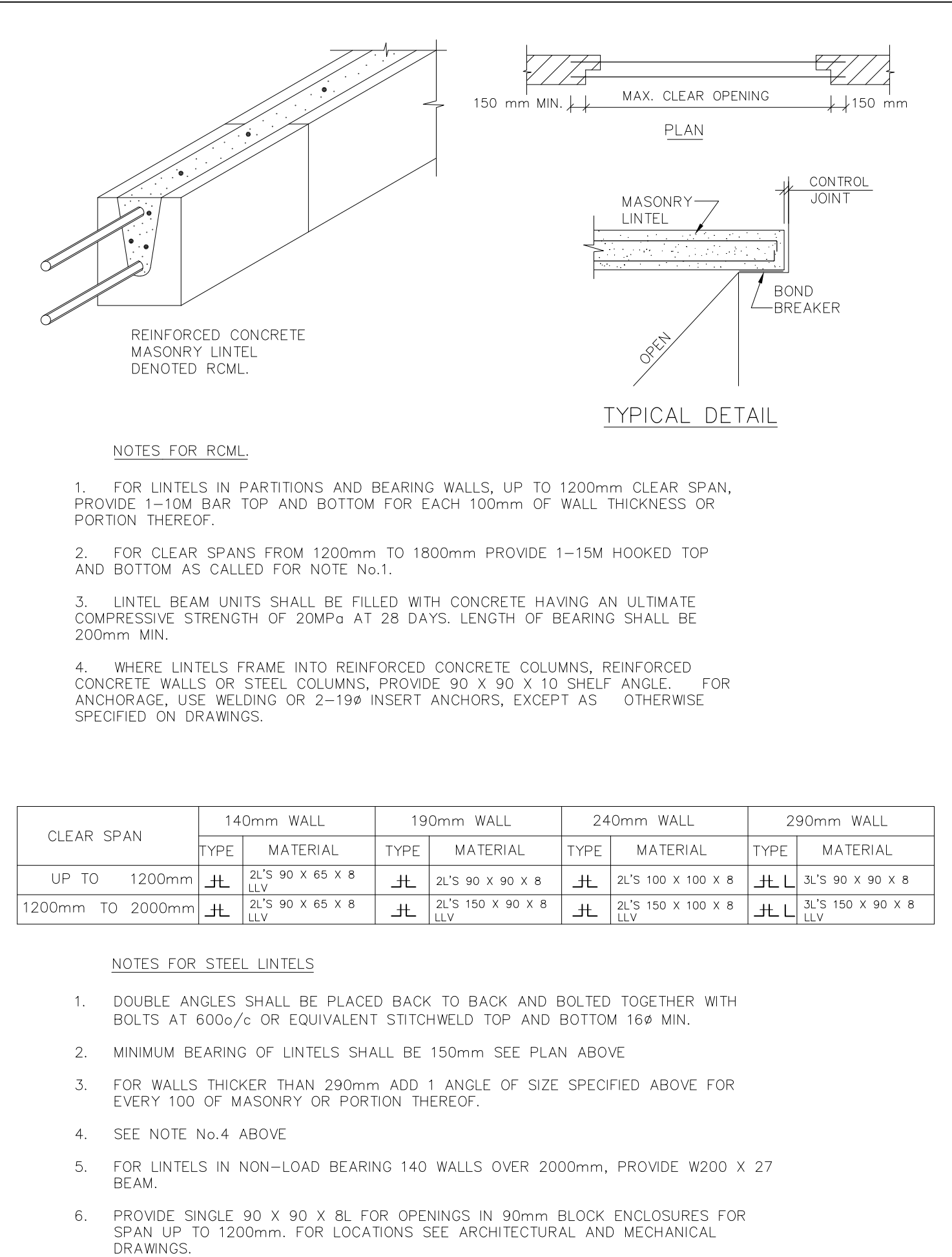
FOUNDATION & WALL DETAILS

2



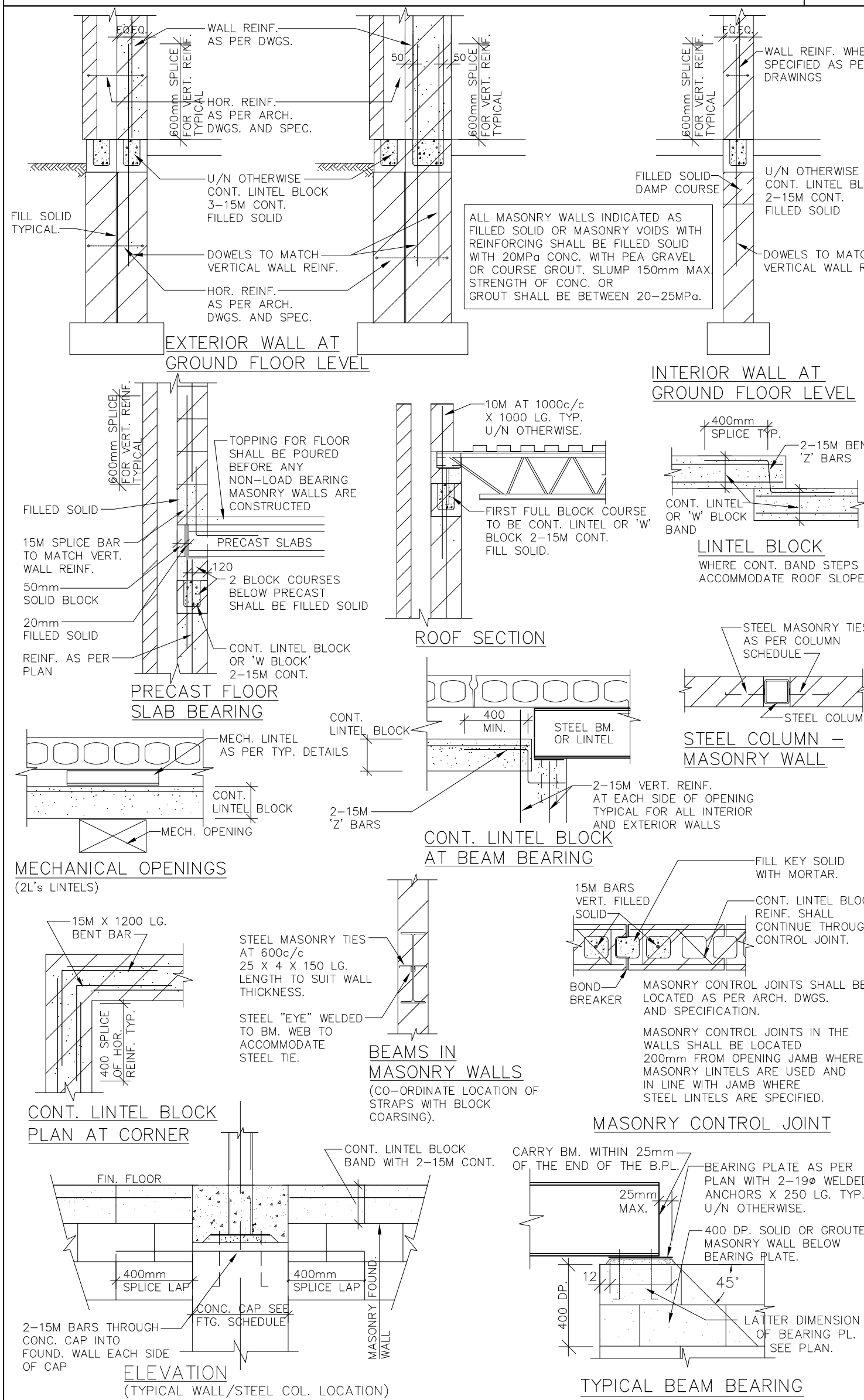
STRUCTURAL STEEL AND OPEN WEB STEEL JOIST DETAILS

3



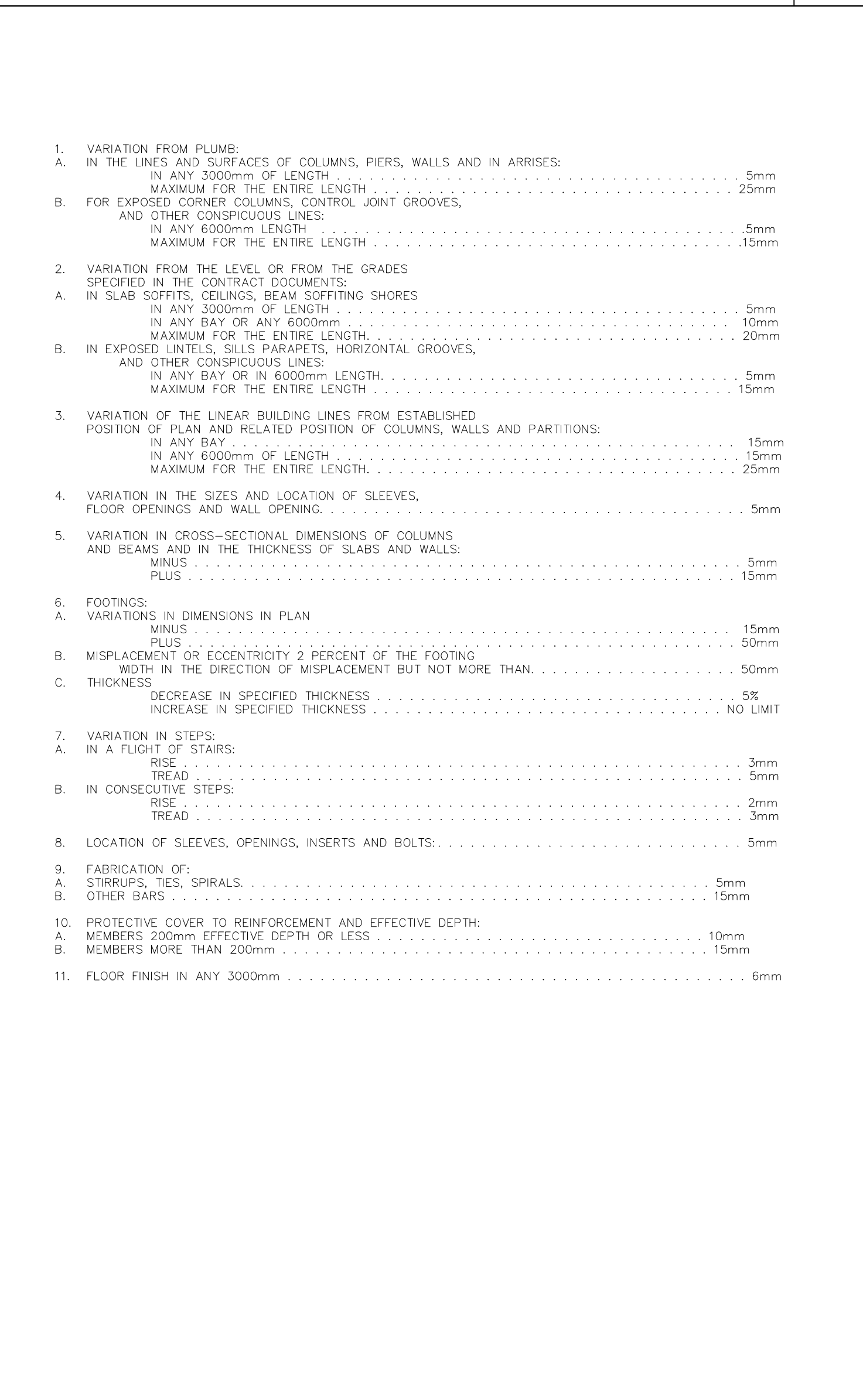
LINTEL DETAILS

4



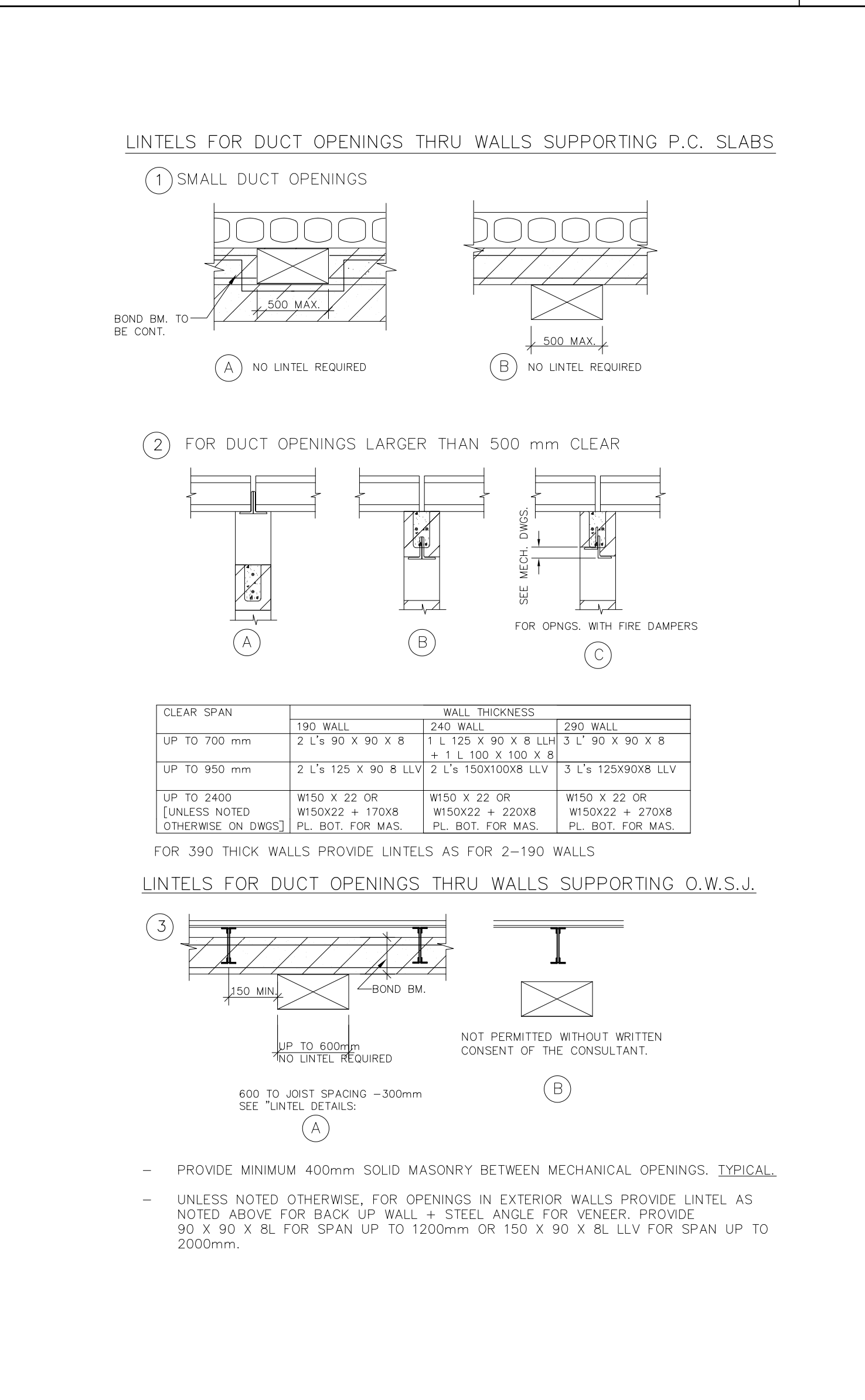
MASONRY DETAILS

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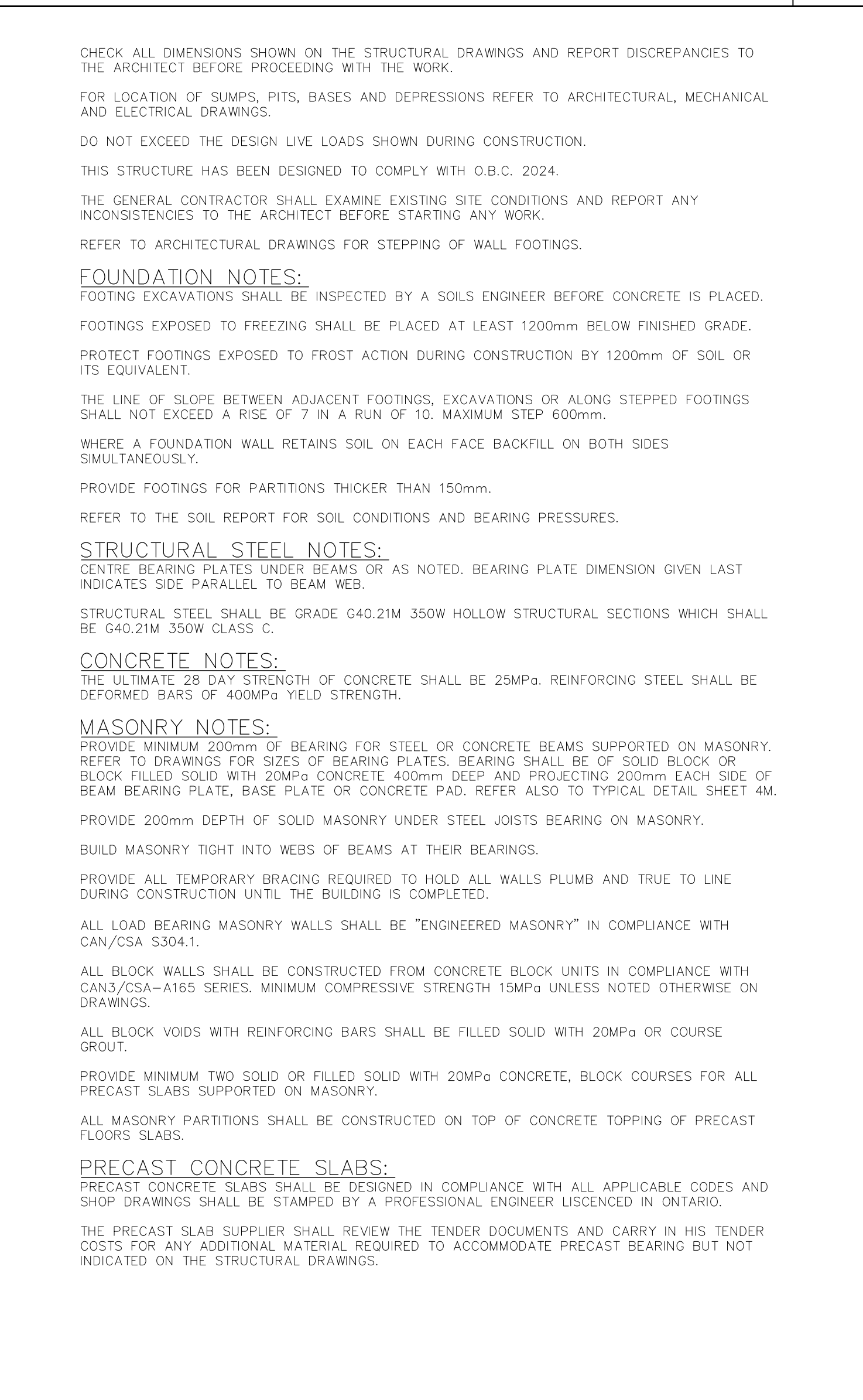
CONSTRUCTION TOLERANCES

6



LINTELS FOR DUCTS AND SERVICES

7



GENERAL NOTES

VX

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STRUCTURAL ENGINEERS

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79 Laurentian Dr, Kitchener, ON N2E 1C3
drawing

TYPICAL DETAILS AND GENERAL NOTES
drawing scale

NTS
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Wa RD.
99

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