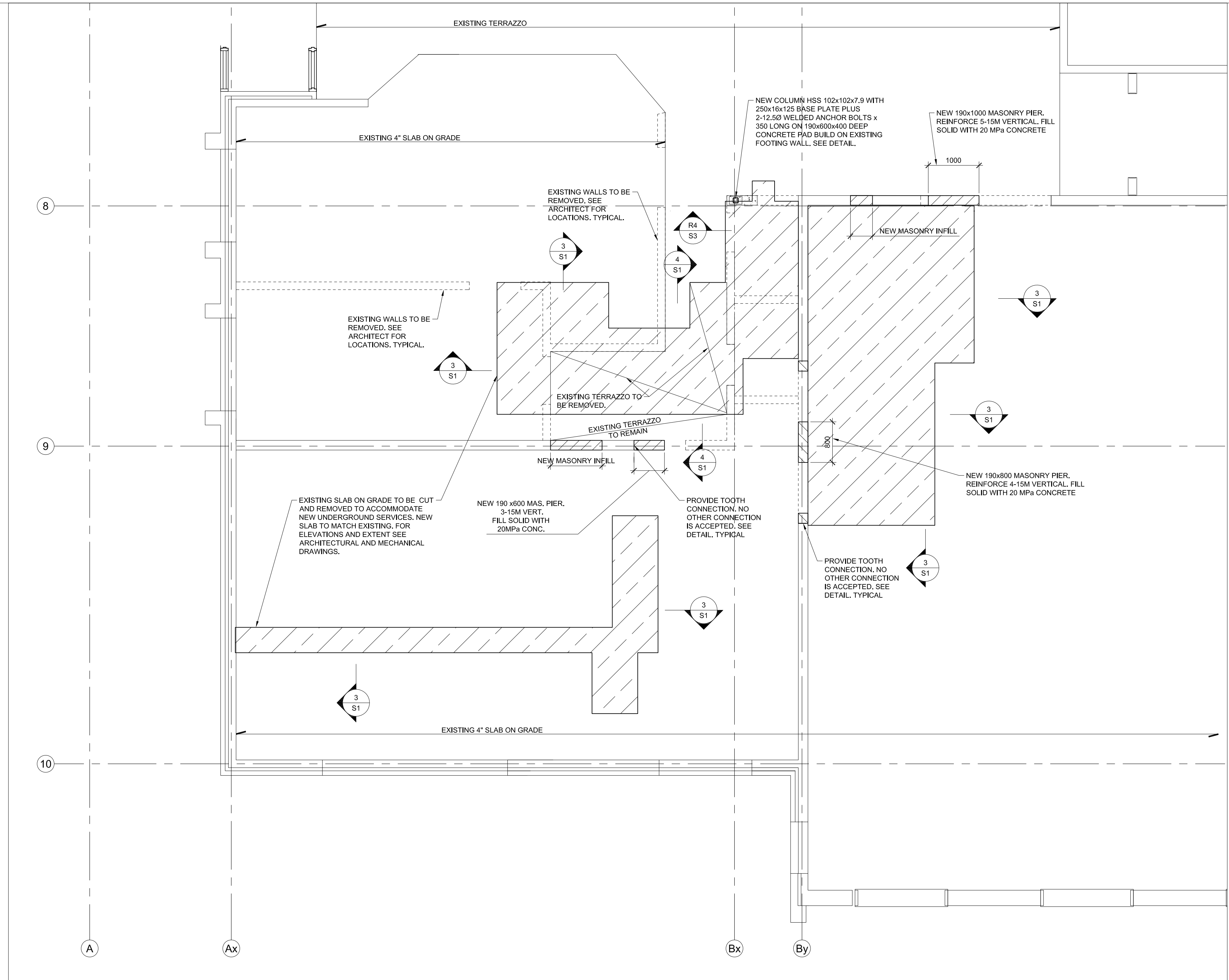




1
S1
EXISTING PART GROUND FLOOR PLAN
1:50

MASONRY WALL REINFORCING-TYPICAL
(UNLESS NOTED OTHERWISE ON PLANS OR SECTIONS)

- EXTERIOR WALLS:
 - 190 BACK UP WALL - 15M VERTICAL REINFORCING AT 800c/c SET IN MIDDLE OF 190 WALL.
 - 240 BACK UP WALL - 15M VERTICAL REINFORCING AT 800c/c SET IN MIDDLE OF 240 WALL.
- INTERIOR WALLS:
 - 190 WALL - 15M VERTICAL REINFORCING AT 1200c/c SET IN MIDDLE OF 190 WALL.
 - 240 WALL - 15M VERTICAL REINFORCING AT 1200c/c SET IN MIDDLE OF 240 WALL.
- PARTITIONS:
 - 140 WALL - 10M VERTICAL REINFORCING AT 800c/c SET IN MIDDLE OF 140 WALL.
 - 190 WALL - 15M VERTICAL REINFORCING AT 800c/c SET IN MIDDLE OF 190 WALL.
- PROVIDE 1-15M VERTICAL EACH FACE OF BLOCK AT EACH SIDE OF ALL WALL OPENINGS AND BEAM BEARINGS FOR SPANS LARGER THAN 1200mm. TYPICAL FOR ALL EXTERIOR AND INTERIOR WALLS. (NOT REQUIRED IF REINFORCING IS SPECIFIED ON PLANS AT THIS LOCATION).
- PROVIDE TRUSS TYPE HORIZONTAL MASONRY REINFORCING @ 400 c/c FOR 190 WALLS, LADDER TYPE @ 400 c/c PER 140 WALLS. SEE ALSO THE SPECIFICATIONS.
- ALL BLOCK VOIDS WITH REINFORCING SHALL BE FILLED SOLID WITH 20MPa COURSE GROUT OR 20MPa CONCRETE WITH PEA GRAVEL.
- MASONRY INDICATED ON PLAN AS "FILLED SOLID", SHALL BE FULLY FILLED WITH 20MPa COURSE GROUT OR 20MPa CONCRETE WITH PEA GRAVEL.
- PROVIDE MINIMUM SPLICE 600mm FOR ALL VERTICAL REINFORCING.
- MASONRY REQUIRED TO BE "FILLED SOLID", SHALL BE FILLED IN LOW LIFTS UNLESS APPROVED BY THE CONSULTANT.
- CO-ORDINATE MASONRY REINFORCING PLACEMENT WITH LINTEL AND BEAM BEARINGS.
- PROVIDE CONTINUOUS LINTEL BLOCK BAND COURSE WITH 2-15M CONT. BARS AT GROUND FLOOR LEVEL AND EACH SUBSEQUENT FRAMED LEVEL ABOVE.

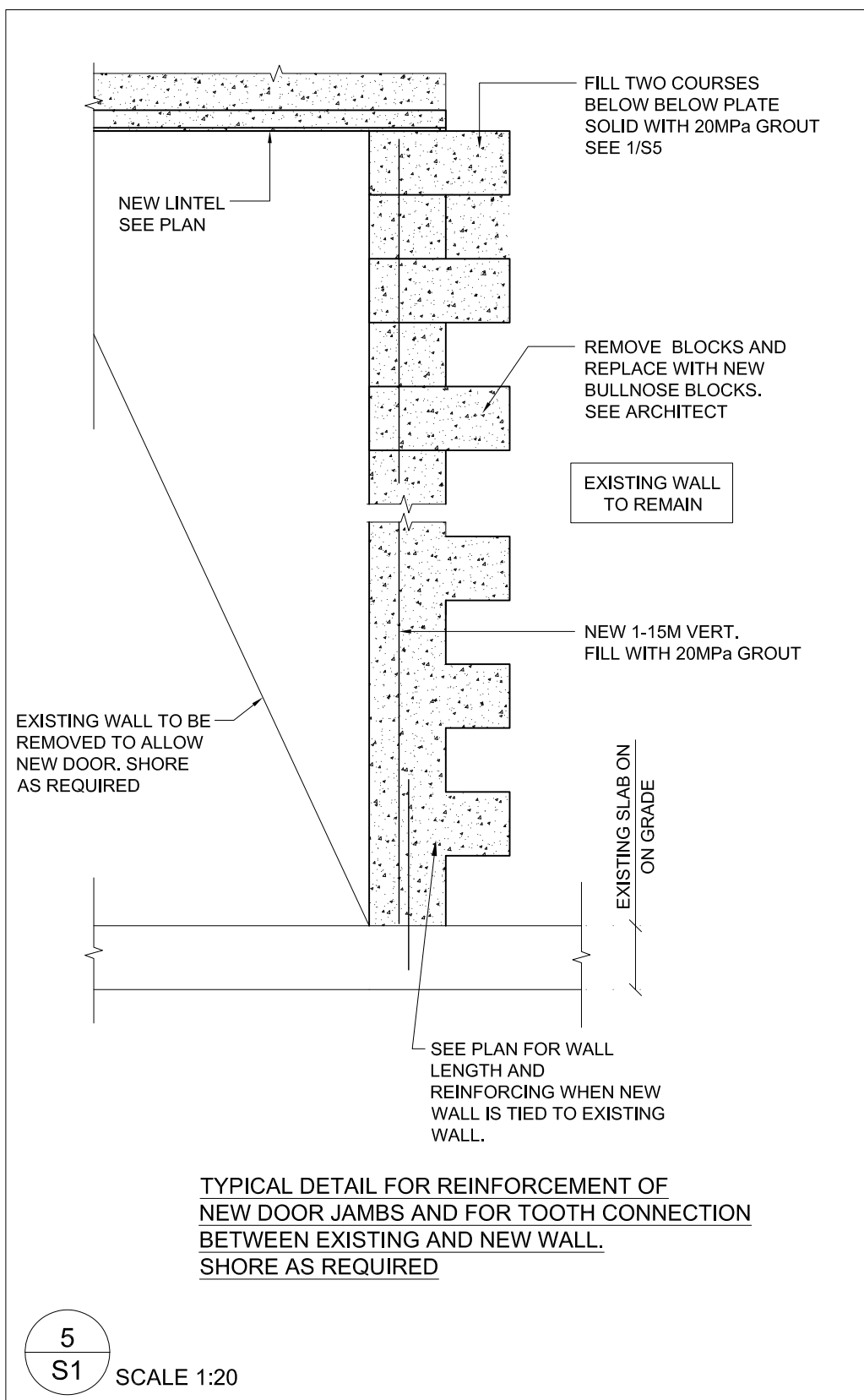
GENERAL NOTES

- FLOOR STRUCTURE IS EXISTING UNLESS NOTED OTHERWISE. EXISTING BUILDING IS DESIGNED BY WILLIAM G. DAILEY ARCHITECT AND KEN N. KRUSCHEN PROFESSIONAL ENGINEER, DATED JUNE 1972.
- UNLESS NOTED OTHERWISE PROVIDE NEW 100mm OR 138mm SLAB ON GRADE AS PER SPECIFICATION THROUGHOUT AND AS PER SPECIFICATION. SAWCUT SLAB INTO AREAS 6m x 6m MAX. PROVIDE CONTROL JOINTS IN ALL DOORWAYS. REINF. 1 LAYER 152 X 152 MW18.7/MW18.7 WWF OR USING FIBRE MESH. REFER TO "NEW SLAB ON GRADE" DETAIL ON THIS DRAWING.
- USE DETAILS 3/S1 AND 4/S1 AT ALL LOCATIONS WHERE EXISTING SLAB IS TO BE CUT AND REPAIRED AND FOR ALL NEW BELOW GRADE SERVICES.
- SHORE AS REQUIRED.

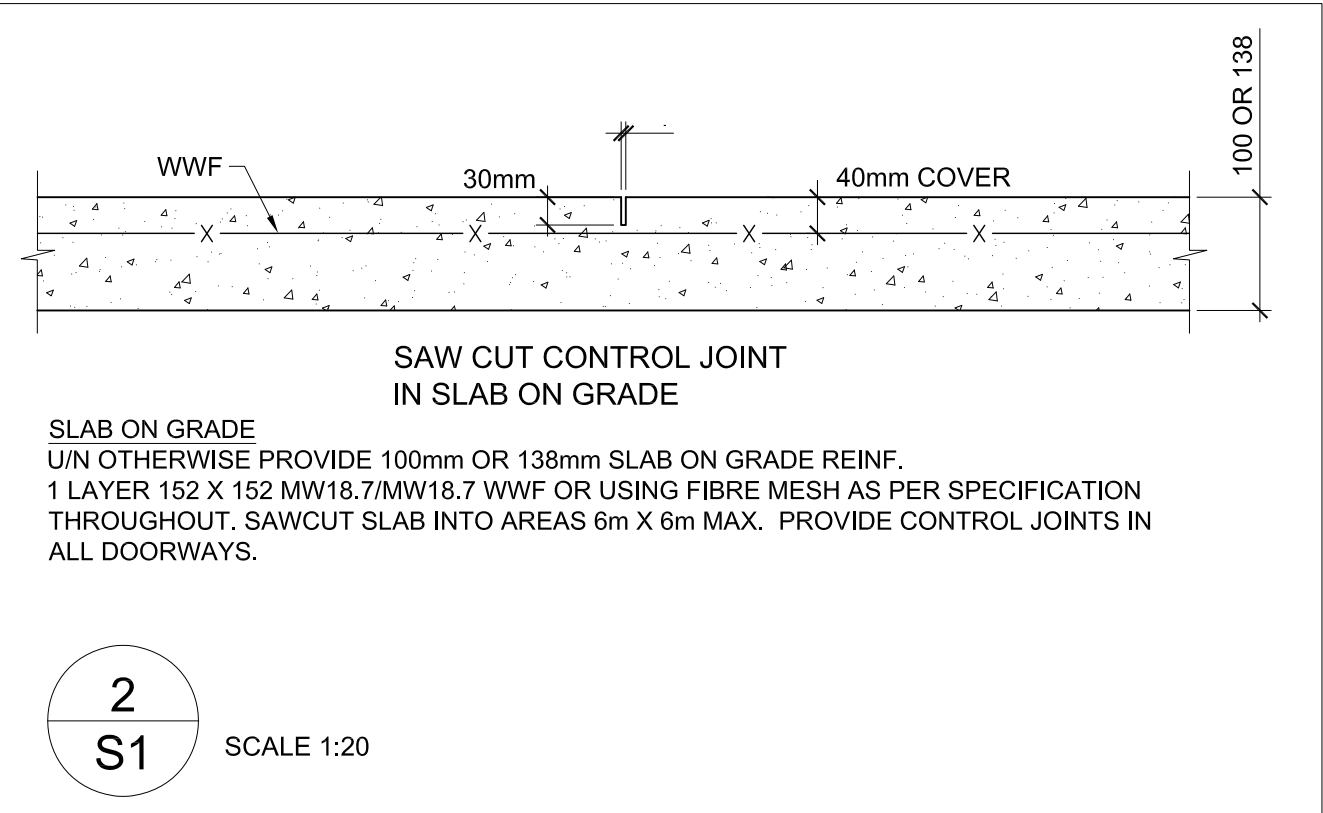
LEGEND:

- | | |
|--|---------------------------|
| | EXISTING WALL |
| | EXIST. WALL TO BE REMOVED |
| | NEW WALL |

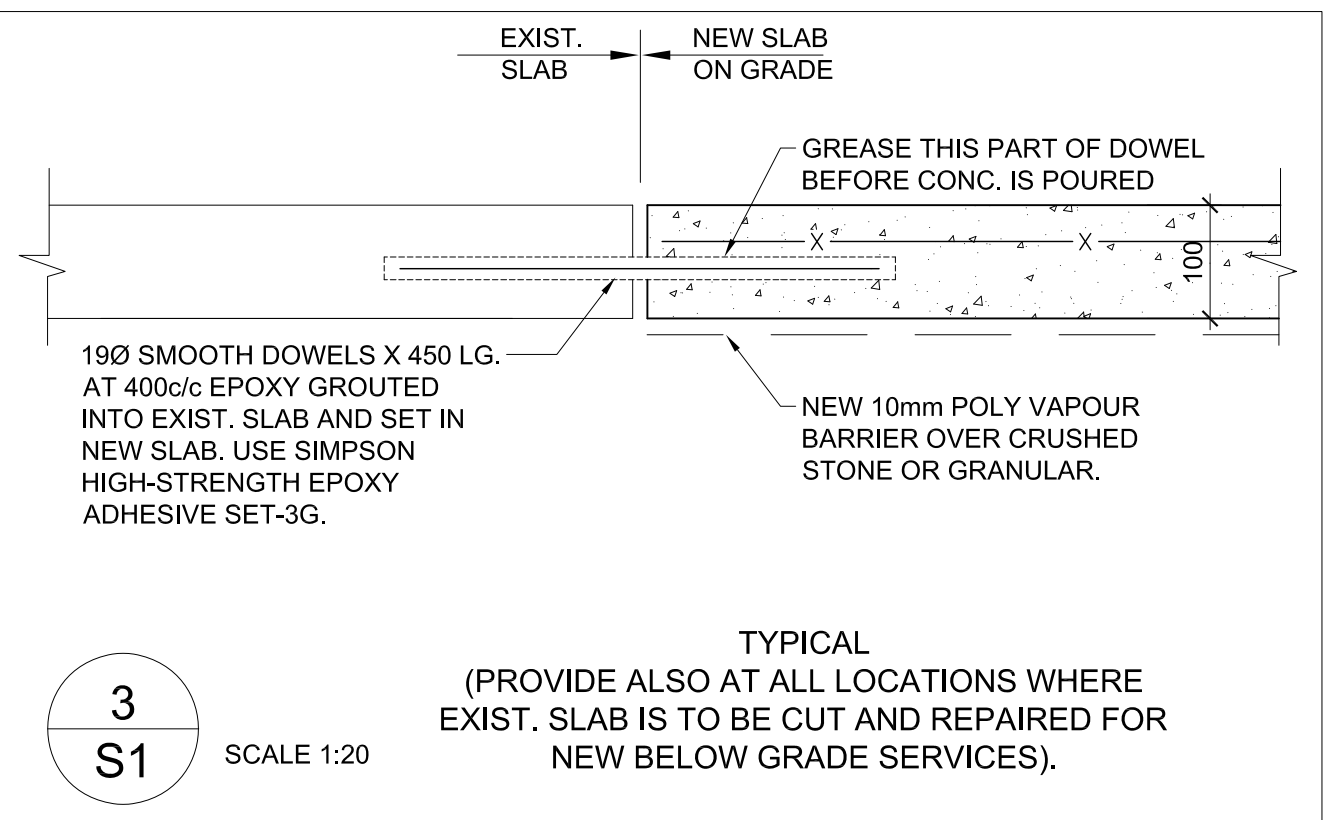
NOTE: CONNECT NEW MASONRY WALLS TO EXISTING MASONRY WALLS USING TOOTH CONNECTION METHOD. SEE DETAIL, NO OTHER TYPE OF CONNECTION IS ACCEPTABLE. TYPICAL



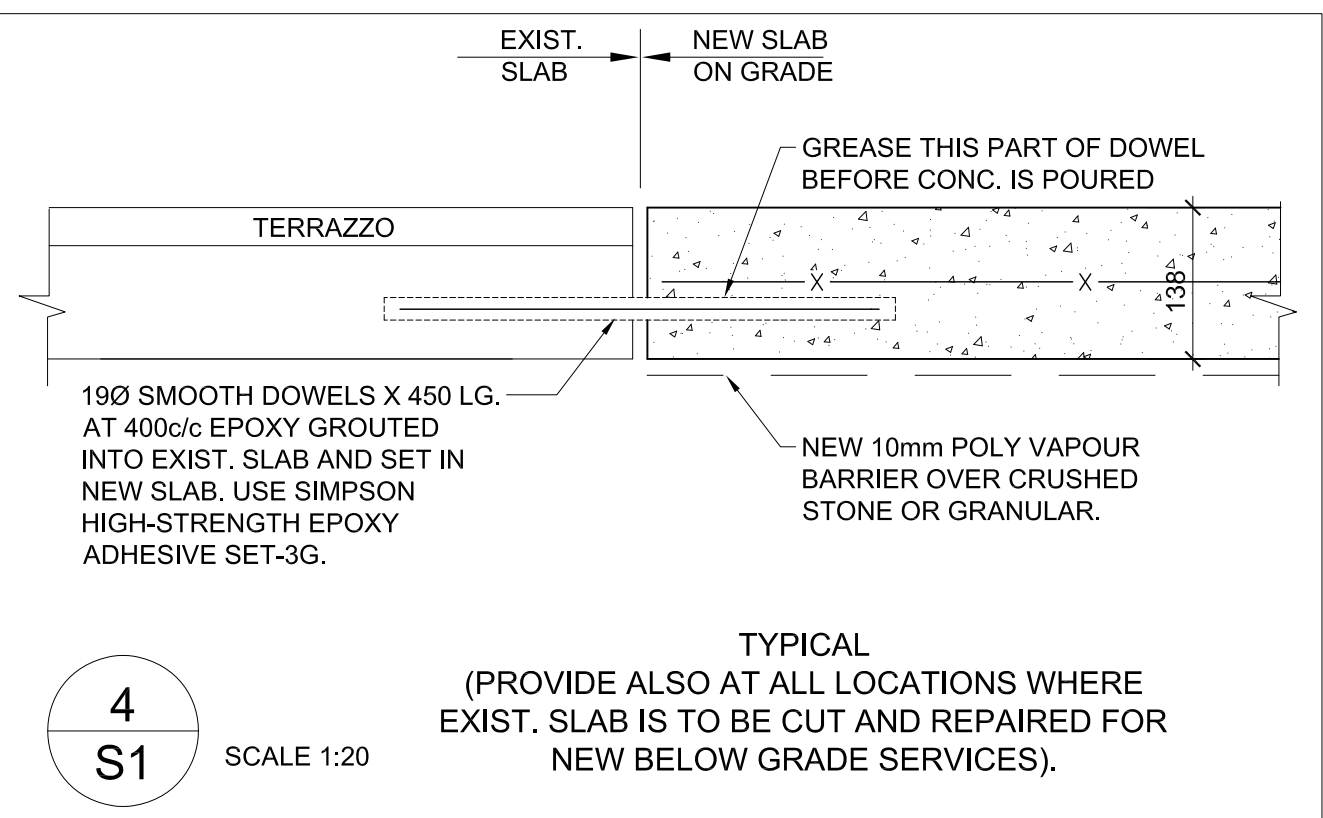
5
S1
SCALE 1:20



2
S1
SCALE 1:20



3
S1
SCALE 1:20



4
S1
SCALE 1:20

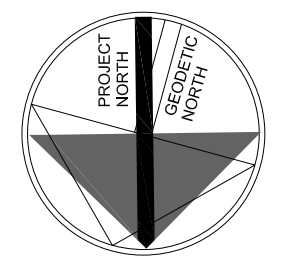
VX

VX ENGINEERING INC.
STRUCTURAL ENGINEERS

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

NOTE: THIS DRAWING IS NOT TO BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ALL SITE DIMENSIONS AND FOR NOTIFYING THE ARCHITECT OF ANY SITE CONDITIONS AND SITE MEASUREMENTS THAT ARE NOT CONSISTENT WITH THE DRAWINGS.

no.	revision	date
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no.	issue	date
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1	Issued for Coordination	Mar 13, 2026
2	Issued for Permit & Tender	Mar 27, 2026

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

79 Laurentian Dr, Kitchener, ON N2E 1C3

drawing
EXISTING PART GROUND FLOOR PLAN AND DETAILS

drawing scale

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

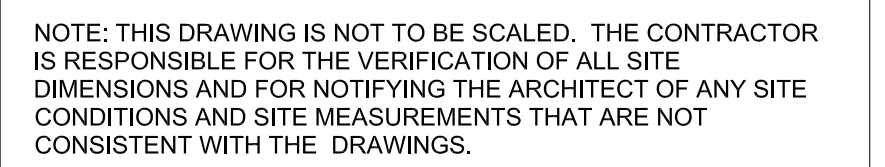
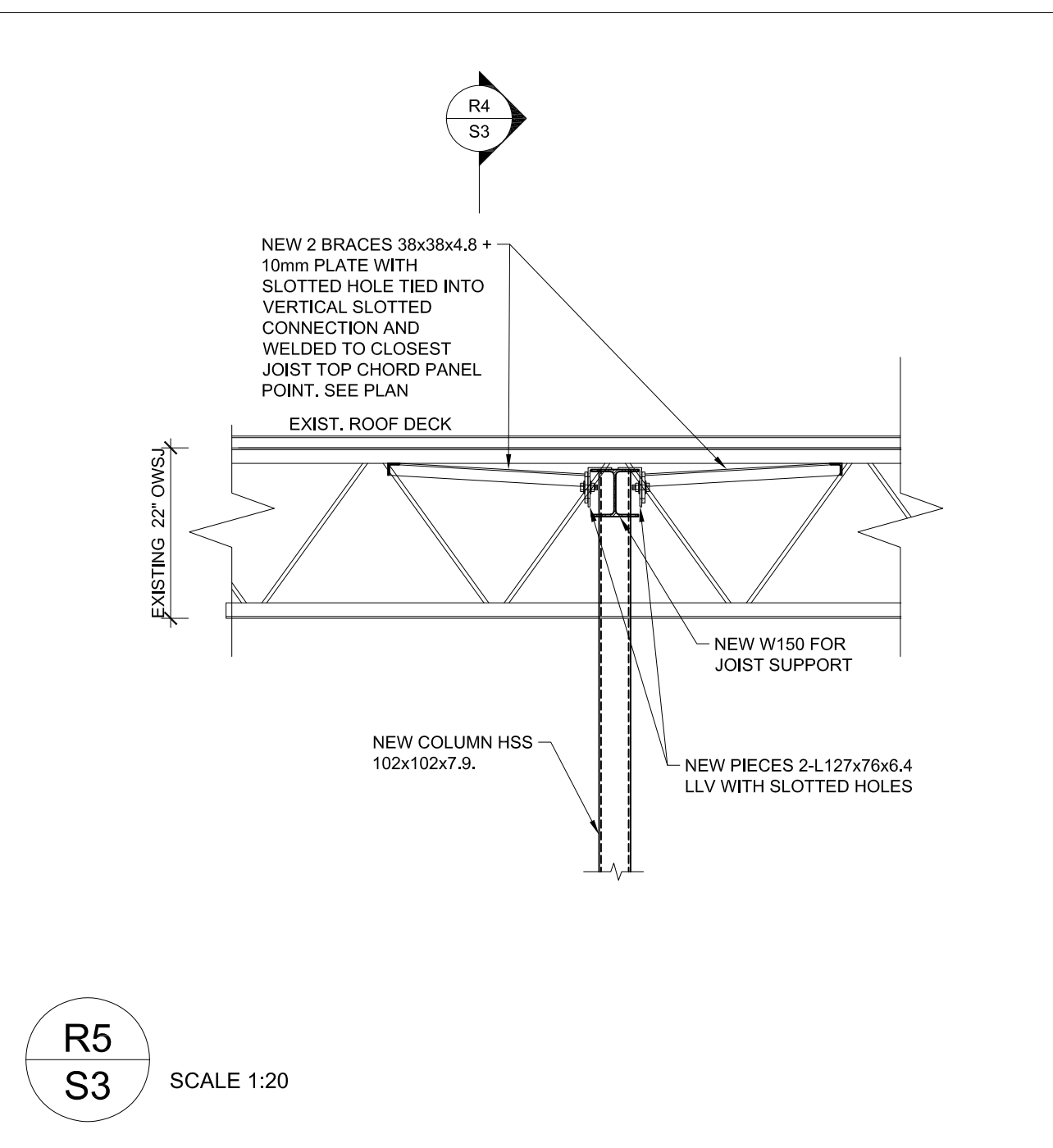
ward99 architects inc.

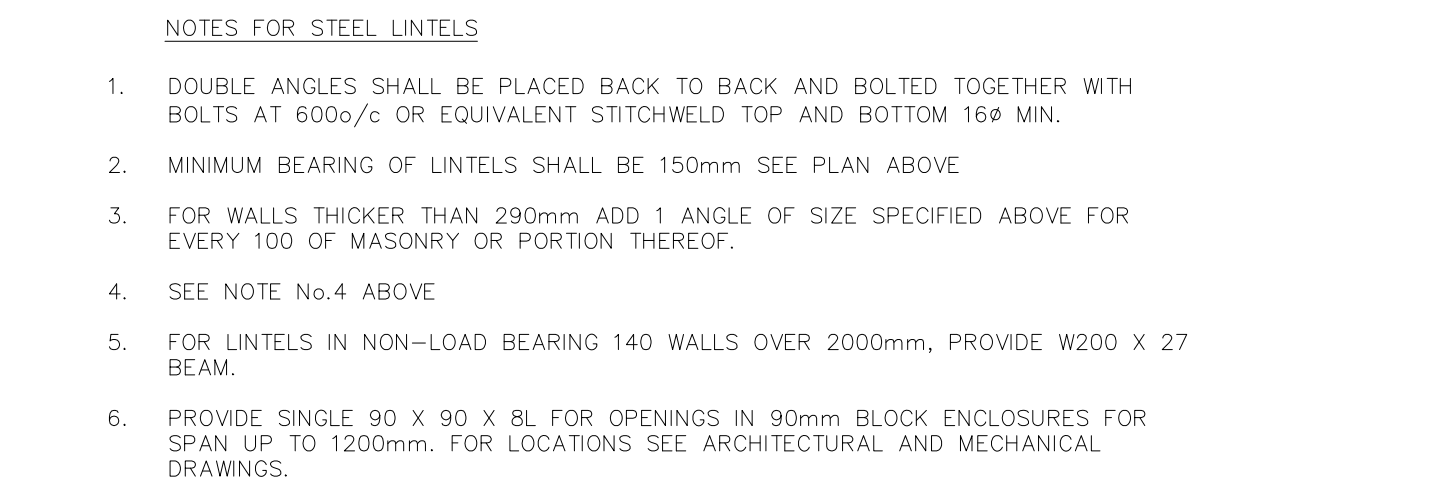
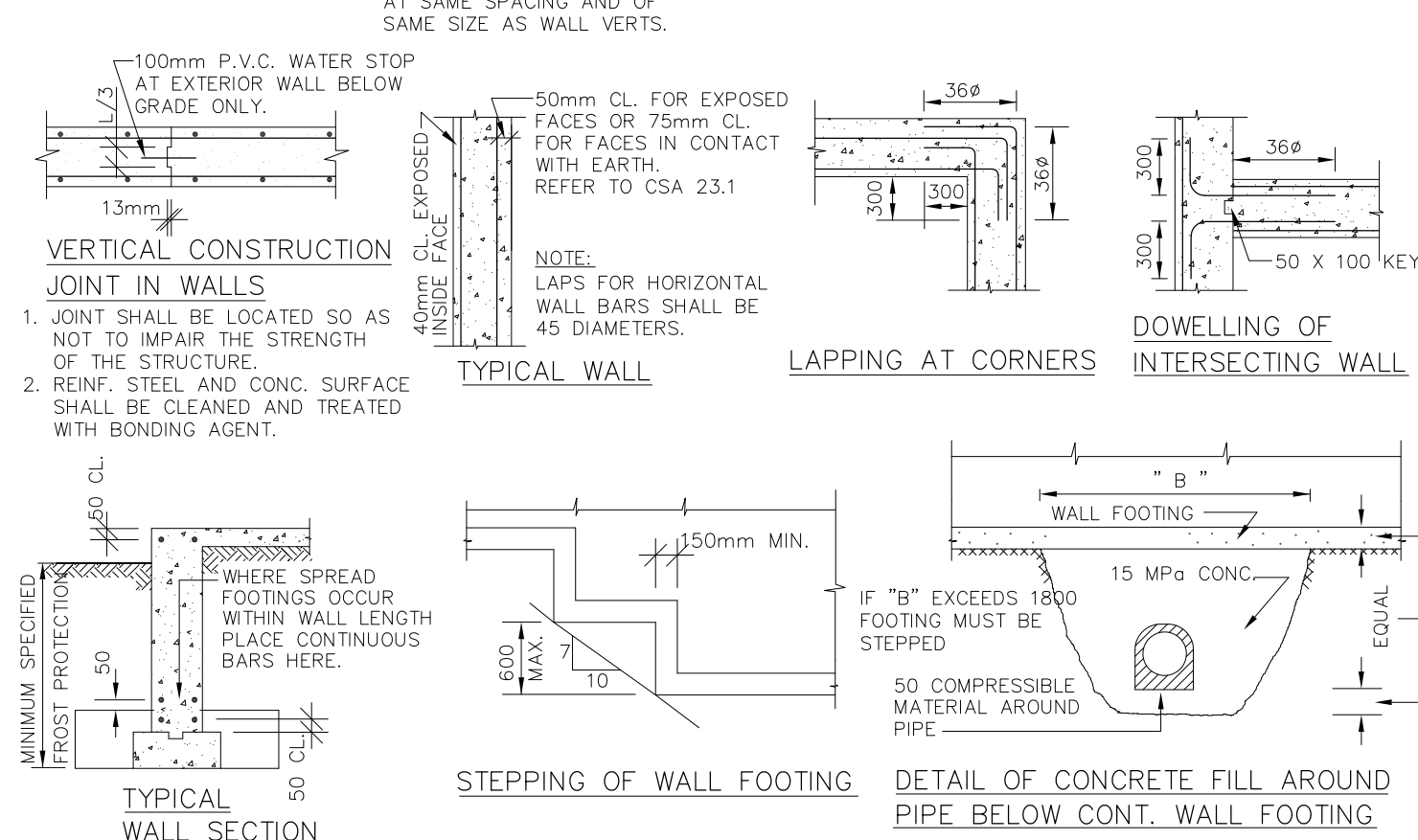
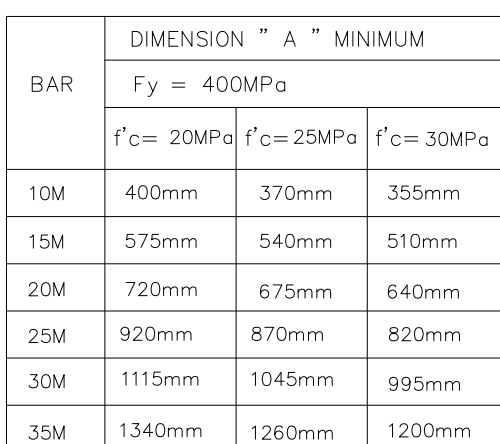
WaRD.99

ward99 architects inc.
7611 Pine Valley Drive, Unit 11
Woodbridge, Ontario L4L 0A2
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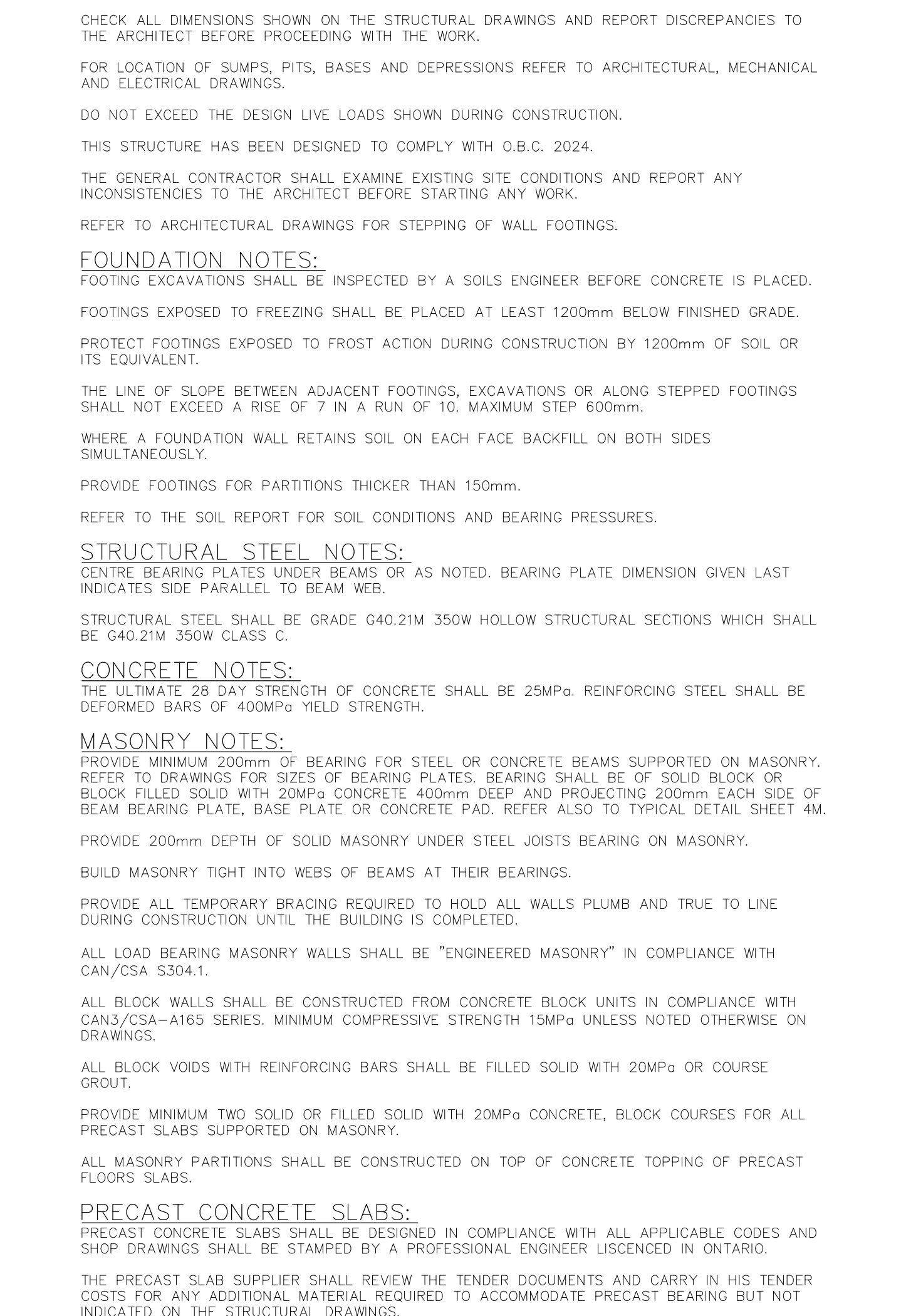


S-1

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4



Wa		C 1
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