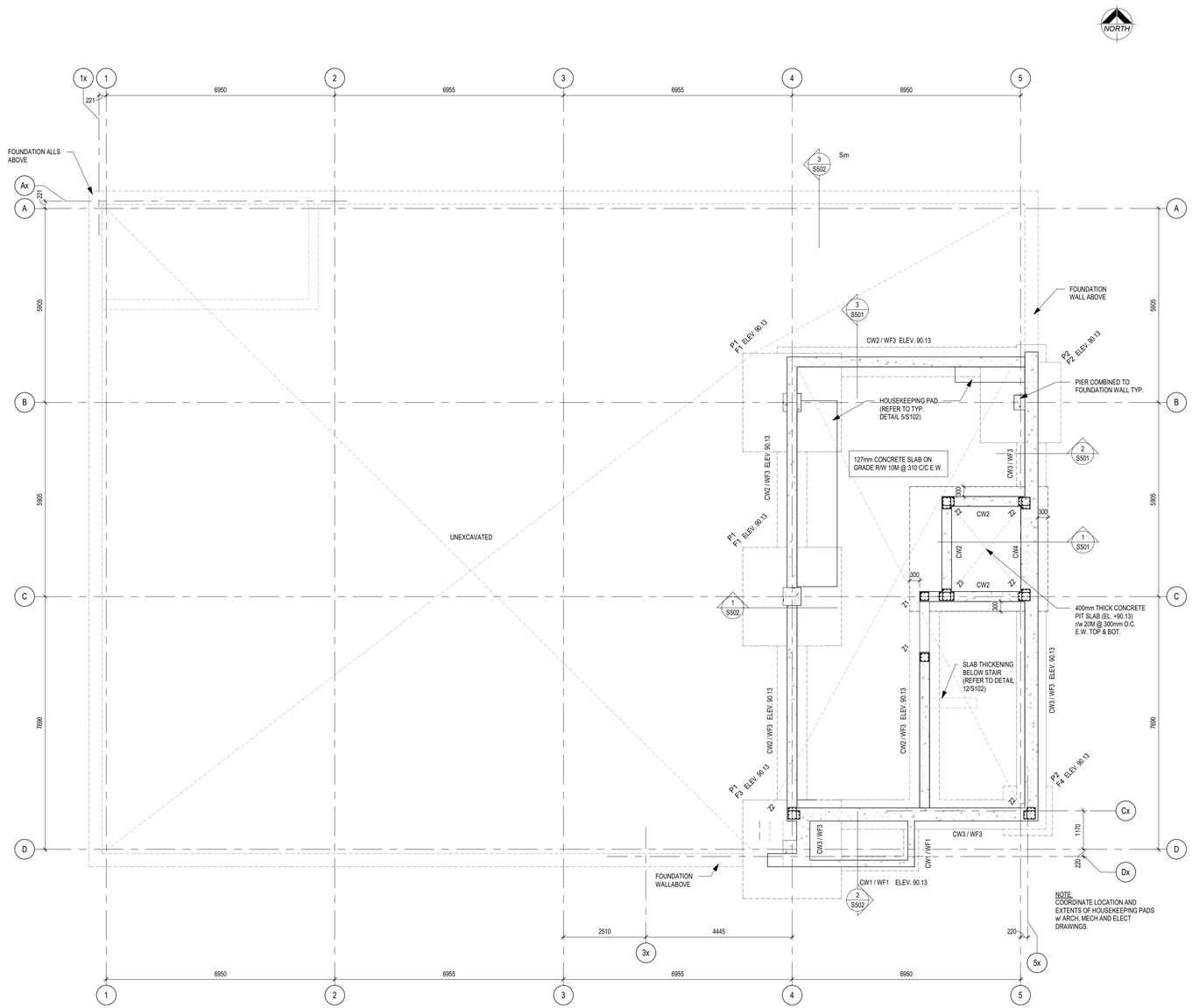
FOUNDATION PLAN NOTES:

1. ALL FOOTINGS / CAISSONS TO BE CENTERED UNDER PIERS, WALLS AND/OR COLUMNS EXCEPT AS NOTED ON PLAN.
2. PROTECT ALL EXISTING SUB GRADE SERVICES DURING INSTALLATION OF FOUNDATIONS.
3. CONCRETE EXPOSED TO DE-ICING CHEMICALS SHALL BE CLASS C2 EXPOSURE CLASSIFICATION AND HAVE 6% - 8% ENTRAINED AIR, WITH CORROSION INHIBITOR AT A DOSAGE RATE OF 10L/m³.
4. REFER TO GENERAL NOTES AND TYPICAL DETAILS ON DRAWINGS FOR ADDITIONAL INFORMATION. ALL FOOTINGS NEARBY EXISTING SHALL BE FOUNDED AT THE SAME U/S ELEVATION OF EXISTING FOOTINGS AND NOT TO UNDERMINE U.N.O. AND UNDERPINNED.
5. REMOVE ALL TOPSOIL, LOOSE AND WET SOILS AND ORGANICS TO SUITABLE NATIVE SUBGRADE MATERIAL AS APPROVED BY THE GEOTECHNICAL ENGINEER. THE EXISTING SUB-GRADE MUST BE PROOF-ROLLED AND COMPACTED PRIOR TO BACKFILLING.
6. FOOTING / CAISSON DESIGN IS BASED ON SOIL BEARING CAPACITY ULS = 3100 kPa. TO BE CONFIRMED BY GEOTECH ON SITE.



1 S201 FOUNDATION PLAN

1 : 75

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2	ISSUED FOR 80% REVIEW	AUG. 14, 2026	BBA
3	ISSUED FOR BUILDING PERMIT	AUG. 28, 2026	BBA
4	ISSUED FOR STRUCTURAL TENDER	AUG. 28, 2026	BBA
5	ISSUED FOR POST TENDER ADDENDUM No. 1	OCT. 01 , 2026	BBA

BARRY BRYAN ASSOCIATES

PROJECT:

Bowmanville Health Centre CT & Radiology Clinic 4 Storey Building Expansion

222 King Street East ,
Bowmanville, ON
.

DRAWING:

FOUNDATION PLAN

DESIGN BY: *MS*
DRAWN BY: *DP/NV*
CHECKED BY: *SJ*
DATE: *06/25/26*
SCALE: *As indicated*
SEAL:

PROJECT NO: **26018**
DRAWING NO: **S201**

FIRST FLOOR FRAMING NOTES

1. DESIGN LOADS:

DEAD LOAD:

JOIST FRAMING	= 0.12 kPa
FLOORING / FINISHES	= 0.15 kPa
MECH. / ELECT.	= 0.25 kPa
CEILING	= 0.20 kPa
COMPOSITE DECK	= 1.95 kPa
PARTITION	= 1.00 kPa
TOTAL	= 3.67 kPa

LIVE LOAD = 4.80 kPa

2. TOP OF STRUCTURAL SLAB GEODETIC ELEVATION = 94.080m

3. TOPS OF STEEL BEAMS ARE 102mm BELOW GEODETIC ELEVATION 94.080m EXCEPT AS NOTED THUS ±

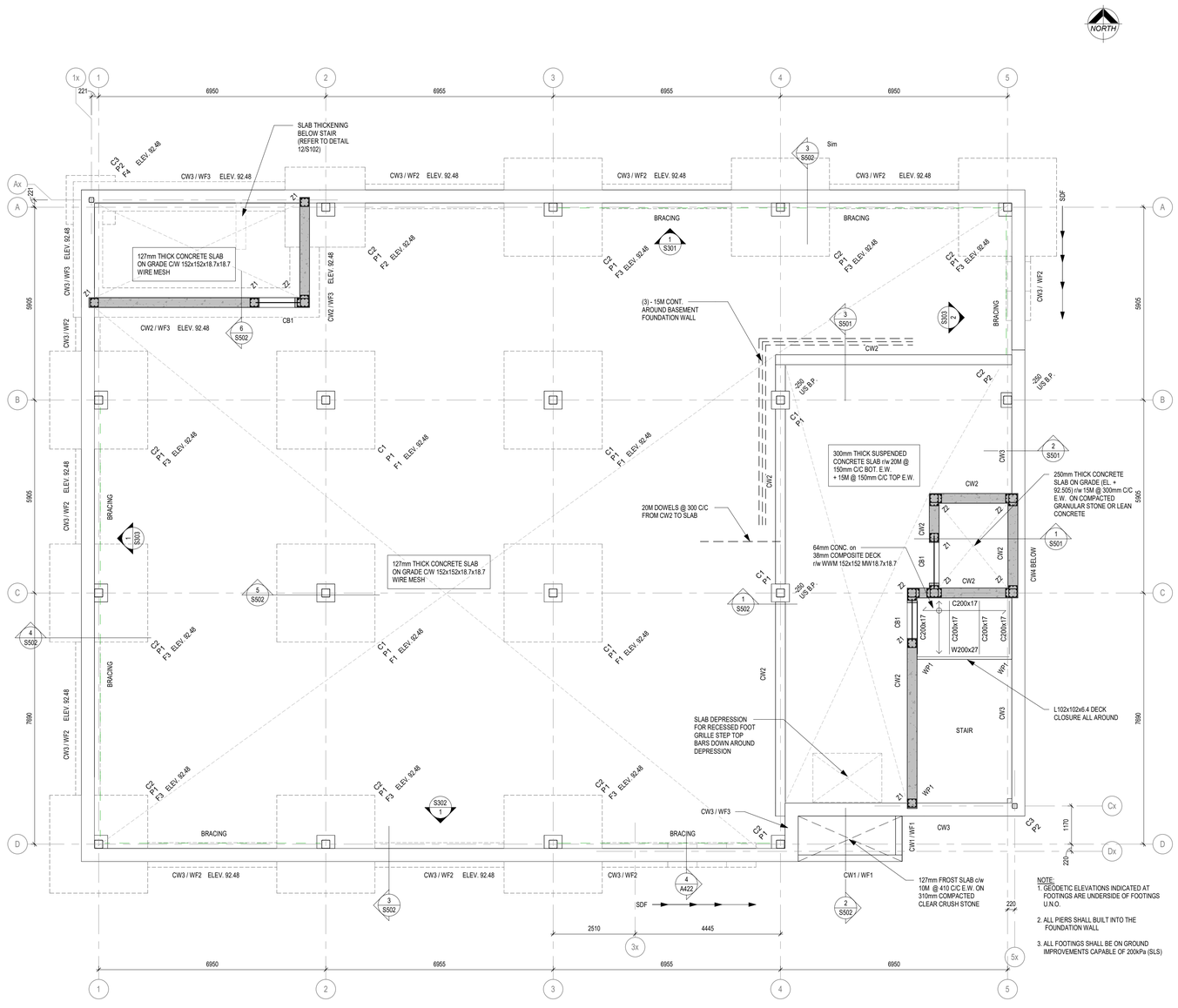
4. OPENINGS IN STEEL DECK TO BE FRAMED IN ACCORDANCE WITH TYPICAL DETAILS, U.N.O.

5. PROVIDE FRAMING FOR LATERAL SUPPORT OF NON-LOAD BEARING BLOCK PARTITIONS AS PER TYPICAL DETAILS.

6. REFER TO DRAWING S100 SERIES FOR GENERAL NOTES AND TYPICAL DETAILS.

7. PROVIDE NECESSARY TEMPORARY SHORING OF BUILDING STRUCTURE AND WALLS WHEN INSTALLING LINTELS IN BLOCK WALLS.

8. ALL OPENINGS IN STEEL DECK 150mm to 450mm SHALL BE REINFORCED BY STEEL DECK CONTRACTOR. LARGER OPENINGS TO BE TRIMMED IN ACCORDANCE WITH TYPICAL DETAILS.



1 S202 1st FLOOR FRAMING PLAN

1 : 75

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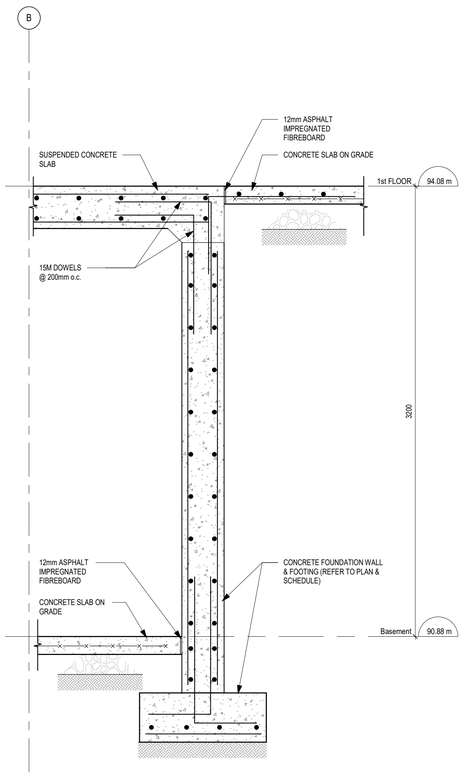
Bowmanville Health Centre CT & Radiology Clinic 4 Storey Building Expansion

222 King Street East ,
Bowmanville, ON
.

DRAWING:

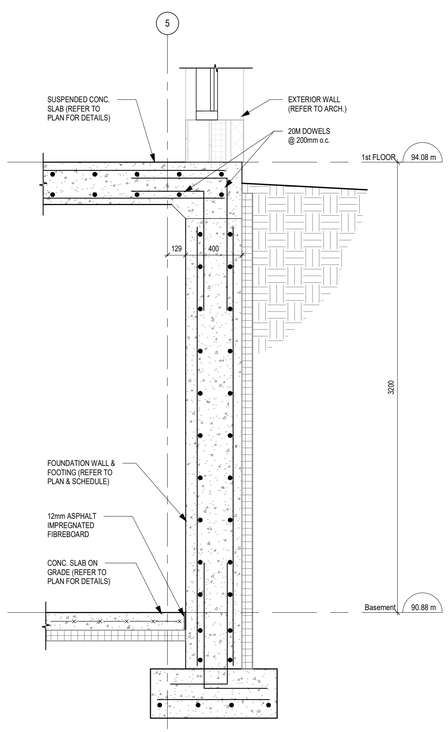
1st FLOOR FRAMING PLAN

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DP/NV	
CHECKED BY:	
SJ	
DATE:	
06/25/26	
SCALE:	
As indicated	
PROJECT NO:	DRAWING NO:
26018	**S202**



3 S501 FOUNDATION SECTION

1 : 20



2 S501 FOUNDATION SECTION

1 : 20

1 S501 FOUNDATION SECTION

1 : 20

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BARRY BRYAN ASSOCIATES

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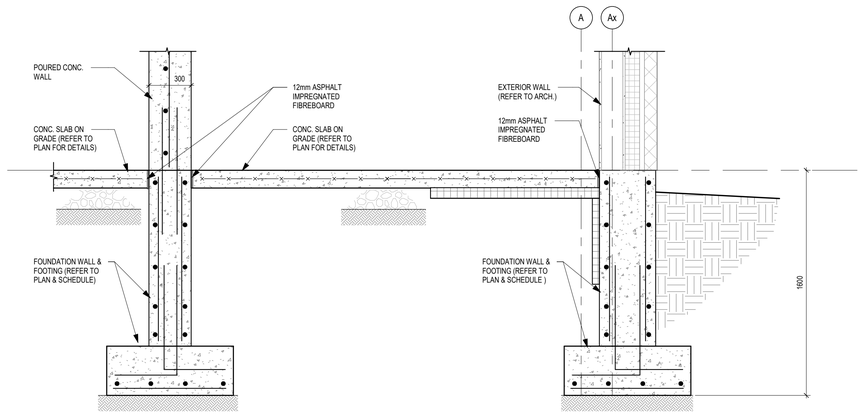
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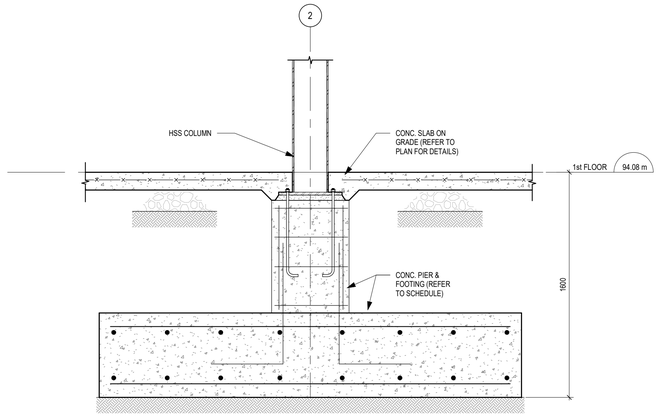
FOUNDATION SECTIONS

DESIGN BY: *MS*	SEAL:
DRAWN BY: *DP/NV*	
CHECKED BY: *SJ*	
DATE: *08/05/26*	
SCALE: *1 : 20*	
PROJECT NO: **26018**	DRAWING NO: **S501**



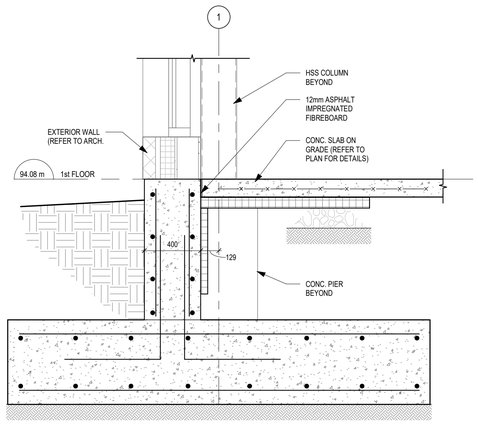
6 S502 FOUNDATION SECTION

1 : 20



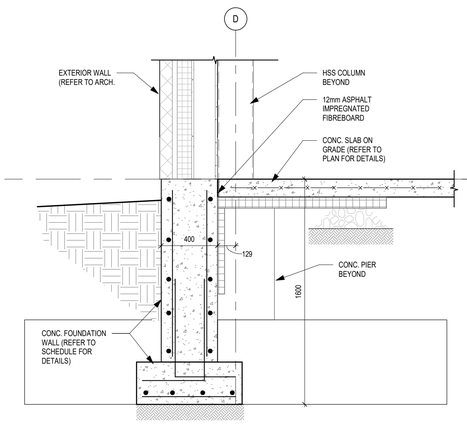
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1 : 20



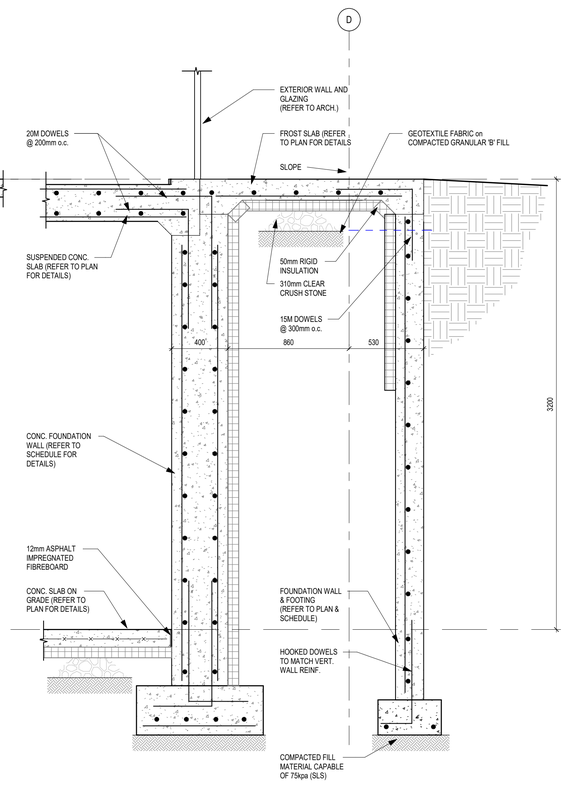
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1 : 20



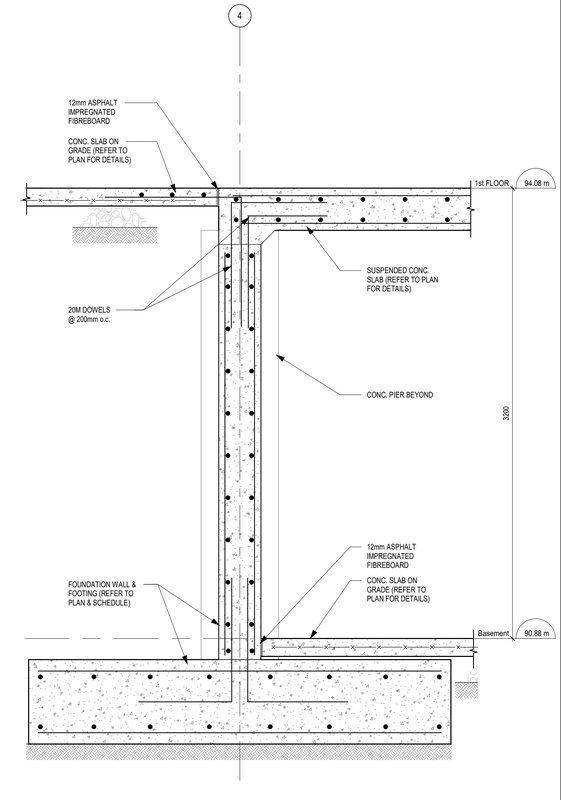
3 S502 FOUNDATION SECTION

1 : 20



2 S502 FOUNDATION SECTION

1 : 20



1 S502 FOUNDATION SECTION

1 : 20

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BARRY BRYAN ASSOCIATES

PROJECT:

Bowmanville Health Centre CT & Radiology Clinic 4 Storey Building Expansion

222 King Street East ,
Bowmanville, ON
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DRAWING:

FOUNDATION SECTIONS

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DRAWN BY: *DP*	
CHECKED BY: *SJ*	
DATE: *08/05/26*	
SCALE: *1 : 20*	
PROJECT NO: **26018**	DRAWING NO: **S502**

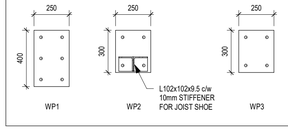
ROOF																			ROOF
110880 4th FLOOR																			110880 4th FLOOR
106680 3rd FLOOR																			106680 3rd FLOOR
102480 2nd FLOOR	C2		C2		C2		C2		C1		C1		C2		C2		C1		C1		C1		C2		C2		C2		C3		C3		102480 2nd FLOOR
98280 1st FLOOR																			98280 1st FLOOR
94080 Basement																			94080 Basement
90880																			90880
Column Locations	A-3		A-4		A-5		B-1		B-2		B-3		B-4		B-5		C-1		C-2		C-3		C-4		D-1		D-2		D-3		D-4		Ax-1x		Cx-5x		

ZONE REINFORCEMENT SCHEDULE

MARK	VERT. REINF.	HORIZ. REINF.	DETAIL
Z1	8-25M VERT.	10M TIES AT 300 C/C	
Z2	13-20M VERT.	10M TIES AT 300 C/C	
Z3	15-20M VERT.	10M TIES AT 300 C/C	

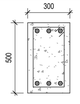
WALL PLATE SCHEDULE

MARK	SIZE (W x H x t)	ANCHORAGE (LENGTH) CxD mm	REMARKS
WP1	250x400x19	6 - 19mmØ x 102mm LG. NELSON STUDS	
WP2	250x300x19	4 - 19mmØ x 102mm LG. NELSON STUDS	
WP3	250x300x19	4 - 19mmØ x 102mm LG. NELSON STUDS	



CONCRETE BEAM SCHEDULE

MARK	SIZE	REINFORCING	DETAILS
CB1	300x500	3-25M BOTTOM c/w 10M TIES @ 300 o.c.	



CONCRETE FOOTING SCHEDULE

MARK	SIZE	THICKNESS	REINFORCING
F1	3000 x 3000	600	10 - 20M BOT. E.W.
F2	2450 x 2450	500	8 - 20M TOP & BOT. E.W.
F3	3000 x 3000	600	10 - 20M TOP & BOT. E.W.
F4	1500 x 1500	300	4 - 20M BOT. E.W.

STEEL COLUMN SCHEDULE

MARK	SIZE	BASE PLATE	ANCHOR BOLTS
C1	HSS254x254x9.5	450x450x25	4-25mmØ x 600mmLG + 102mm HOOK EMBEDDED ANCHOR BOLTS ANCHOR TO BE ASTMF1554 GRADE 55 (Fy = 379 MPa)
C2	HSS254x254x9.5	450x450x25	4-25mmØ x 600mmLG + 102mm HOOK EMBEDDED ANCHOR BOLTS
C3	HSS152x152x9.5	390x650x25	4-19mmØ x 525mmLG + 75mm HOOK EMBEDDED ANCHOR BOLTS

NOTES:
BASE PLATES U/S @ -150mm FROM FINISH GROUND FLOOR OR BASEMENT U.N.O.

CONCRETE PIER SCHEDULE

MARK	SIZE	VERT. REINF.	TIES	DETAILS
P1	550 x 550	8 -25M	10M @ 310 C/C	TOP (3) TIES @ 75mm C/C
P2	450 x 450	8 -20M	10M @ 310 C/C	

CONCRETE WALL SCHEDULE

MARK	THICKNESS	VERT. REINF.	HORIZ. REINF.	NOTES
CW1	200	10M @ 410 o.c. C/C	10M @ 410 o.c. C/C	(2) - 15M TOP & BOT
CW2	300	20M @ 300 o.c. C/C E.F.	15M @ 300 o.c. C/C E.F.	(2) - 20M TOP & BOT
CW3	400	20M @ 300 o.c. C/C E.F.	15M @ 300 o.c. C/C E.F.	(2) -20M TOP & BOT
CW4	516	20M @ 300 o.c. C/C E.F.	15M @ 300 o.c. C/C E.F.	(2) -20M TOP & BOT

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCING
WF1	450	250	(2) - 10M CONT. BOT
WF2	700	300	(3) - 15M CONT. BOT.
WF3	900	350	(4) - 15M CONT. + 10M TRANSVERSE @ 410 C/C

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BARRY BRYAN ASSOCIATES

PROJECT:

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Bowmanville, ON
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DRAWING:

SCHEDULES

DESIGN BY: *MS*
DRAWN BY: *DP*
CHECKED BY: *SJ*
DATE: *07/30/26*
SCALE: *As indicated*
SEAL:

PROJECT NO: **26018**
DRAWING NO: **S801**