

<u>ZONING SUMMARY</u> GENERAL INDUSTRIAL ZONE [M1] [PART OF LOT 'Q', REGISTERED PLAN NO.6]

PROPOSED DEVELOPMENT AREA

MAXIMUM BUILDING COVERAGE

MINIMUM LANDSCAPE COVERAGE

45,845.3m2

50% 10%

8294.8m2 / 0.83 Ha

SITE STATISTICS TOTAL LOT AREA

LOT COVERAGE

ALLOWABLE COVERAGE





33.48 N69°15'00"E

# REGISTERED PLAN No. 6 LOT 21



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NORWOOD MEDICAL Spruce Drive Norwood, ON

mm/dd/yy description 1 04/13/23 PRELIM 2 04/27/23 DEV APPLICATIC 3 4 5 6 8 8 9 10 SCALE 1:300 SITE PLAN



	News of Desetion	A state A salette sta					
	Enter address and	Aside Architects 148 Hunter St. Suite	201				
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		neilcampbell@aside	architects.ca				
	Name of Project		3				
	Enter name here.						
	Location Enter address here	Norwood, ON					
<u> </u>	Enter address here.	0.1.1.0000.0					
Item		Ontario's 2006 Bi	uilding Code			BC	Reference
		Data Matrix 1				IAI for Division	A or [C] for Division C
1	Project Description		X New			Part 11	Part 3 Part 9
			Addition				
			Alteratio	'n		11.1 (0 11.4 1.	. 1.2 [A]
2	Major Occupanov(c)			of Use			0 10 2
2		GROUP D - MEDIO	CAL OFFICES			3.1.2.1 (1)	9.10.2
3	Building Area (m <sup>2</sup> )	Existing	New <u>1192</u>	<u>.5</u> Iotal	<u>1192.5</u>	1.4.1.2. [A]	1.4.1.2. [A]
4	Gross Area (m <sup>2</sup> )	Existing	New <u>1192</u>	. <u>5</u> Total	1192.5	1.4.1.2. [A]	1.4.1.2. [A]
5	Number of Storeys	Above grade 1	Belo	ow grade 0		1.4.1.2. [A] & 3.2	.1.1
6	Number of Streets/Fir	efighter Access 2 S	TREETS			3.2.2.10 & 3.2.5	9.10.20
7	Building Classification					3.2.2.20-83	9.10.2
8	Sprinkler System	<u>3.2.2.35 GROOP I</u>	$\Box$ Entire B			3 2 2 20-83	9 10 8 2
	Proposed:			d Compartmen	its	3.2.1.5	5.10.0.2
			□ Selected	d Floor Areas		3.2.2.17	
				nt f Doof Doting		INDEX	INDEX
			In Lieu C	uired			
a	Standnine Required				)	329	N/A
10						0.2.0	
10	Fire Alarm Required		⊔ Yes	A NC	)	3.2.4	9.10.18
11	Water Service/Supply	is Adequate	🛛 Yes		)	3.2.5.7	N/A
12	High Building		□ Yes	🛛 No	)	3.2.6	N/A
13	Construction	Combustible	□ Non-con	nbustible	🖾 Both	3.2.2.20-83	9.10.6
	Restrictions	Permitted	Require	d			
	Actual Construction	XI Combustible	□ Non-con	nbustible	Both		
14	Mozzanino(c) Aroa (n	2)				222108225	0.10.20
		<u>N/A</u>				5.2.2.10 & 5.2.5	9.10.20
15	Occupant Load based	frice Kill m²/pe	v OFFICE (9.3)	J design of l oad 25 pe	building ersons	3.1.17	9.9.1.3
	Suite 2 PHARMAC	Y Occupanc	y <u>OFFICE (3</u> .7)L	oad <u>35</u> pe	ersons		
	Suite 3 MEDICAL	OFFICE Occupancy	y <u>OFFICE (9</u> .3)L	.oad <u>37</u> pe	ersons		
	Suite 4 UNASSIGN	IED Occupancy	y <u>OFFICE (9</u> .3)L	.oad <u>40</u> pe	ersons		
	(Additional Floor Area	is continued at End)					
16	Barrier-free Design	X Yes	□ No (Exp	lain)		3.8	N/A
17	Hazardous Substance	es 🗆 Yes	🖾 No			3.3.1.2 & 3.3.1.1	9 9.10.1.3 (4)
18	Required Fire	FRR of Ho	rizontal	Listed	Design No. or	3.2.2.20-83	9.10.8
	Resistance Rating	Assemt	olies	Descr	iption (SB-2)	3.2.1.4	9.10.9
	(FKK)	Floors <u>3/4</u>	_ hours	N/A - 1 STOF	REY		
		Roof <u>0</u> Mezzanine 3/4	<u>hours</u>	2 LAYERS 5/	8" TYPE 'X' GW	B	
		FRR of Sug	_ nours	Listed	Design No. or		
		Membe	ers	Descr	ription (SB-2)		
		Floors 3/4	hours	N/A - 1 STOF	REY	NOTE: ROOF R	ATING PROVIDED
		Roof 0	hours	2 LAYERS 5/	/8" TYPE 'X' GW	B TO SEPARATE	SUITES
10	Snatial Senaration	Mezzanine <u>3/4</u>	_ hours	IN/A		323	9 10 14
	Wall Area of	L.D. (m) L/H or	H/L Permitte	d Proposed	FRR	Listed Comb.	Comb. Non-comb
	EBF (m²)		Max. %	of % of	(Hours) D	esign or Constr.	Constr. Constr.
			Opening	s Openings	De	escription	Nonc.
	North N/A				+ +		
	South N/A						
	East N/A				┨────┤──		<u> </u>
	(Additional Walls cont	inued at End)					
20	Plumbing Fixture Peg	uirements					
20		นกรายราย					BC Reference
							Part 3 Part 9
	Male/Female Count @	<u>) 50 % / 50 %</u>	Occupa	nt BC Table	Fixtures	Fixtures	
	except as noted other	wise	Load	Number	Required	Provided	<u> </u>
	1st Floor: Occupar	ncy	9/SEX	3.7.4.7	1M, 1F	1 UNIV, 1 UNISEX	
	Occupar	ncy PHARMACY	18/SEX	3.7.4.8	2M, 2F	1M, 1F, 1 UNIV	
	Occupar	NCY MEDICAL [14m2]	4m21 14/SEX	3.7.4.7	1M, 1F, 1UNIV	1M, 1F, 1 UNIV	<u> </u>
	Occupar	ICY_UINASSIGNED[1 ICV	<u>+1112</u> 14/SEX	3.1.4.1	TIVI, IF, TUNIV		<u> </u>
	Occupar	icy					
	AS PER 3.7.4.2[1], G	TURES CAN USE					<u> </u>
	14m2/PERSON				<u> </u>		
21	Other (describe)				-		

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TO BE CONFIRMED

ELECTRICAL ENGINEER TO BE CONFIRMED

LANDSCAPE ARCHITECT TO BE CONFIRMED

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LIST OF DRAWINGS ARCHITECTURAL OBC MATRIX, GENERAL NOTES A0.0 A0.1 ASSEMBLIES A1.0 SITE PLAN A1.01 GARBAGE ENCLOSURE A1.1 FOUNDATION PLAN A1.2 GROUND FLOOR PLAN ROOF PLAN A1.3 ELEVATIONS A2.1 A2.2 ELEVATIONS A3.1 BUILDING SECTIONS WALL SECTIONS A4.1 EXTERIOR DETAILS [FOOTING DETAILS] A5 1 A5.2 EXTERIOR DETAILS [WINDOW + DOOR DETAILS] INTERIOR DETAILS [UNIVERSAL BATHROOM] A6.1 INTERIOR DETAILS ITYPICAL VESTIBULE ENTRY] A6 2 A7 1 UNIT 01 - MEDICAL OFFICE FLOOR PLAN UNIT 03 - DENTAL OFFICE FLOOR PLAN A7.2 FINISH SCHEDULES A8.1

### GENERAL NOTES:

NATURE ARE TO TO BE MADE TO THE STRUCTURAL ENGINEER..

#### OBC NOTES:

PLUMBING NOTES / NUMBER OF FIXTURES REQUIRED PERSONS

BUILDING CLASSIFICATION / SIZE MAXIMUM BUILDING AREA UNDER CURRENT CLASSIFICATION IS 1250m2 [13,450 SF]

CRITERIA FOR 1 EXIT FROM A SUITE, NON-SPRINKLERED FLOOR AREA

3.2.3.13 PROTECTION OF EXIT FACILITIES

3.2.3.14 WALL EXPOSED TO ANOTHER WALL TO BE SEPARATED BY A DISTANCE NOT LESS THAN Do

 $Do = 2D - [Y/90 \times D]$ 

COMPARTMENT AND THE REMAINDER OF THE BUILDING EXTERIOR CONSTRUCTION

ENCLOSURE AND HEATING WHEN REQUIRED.

SLAB ON GRADE •REFER TO STRUCTURAL DRAWINGS FOR COMPACTION OF GRANULAR FILL

GENERAL NOTES REGARDING MASONRY AND SHOULDICE LINTELS. REFER TO NCMA TEK 10-4 CRACK CONTROL

WALL TIES AND WEEPERS INSTALLATION

•ENSURE THAT ALL SPECIFIED FLASHING AND DAMP-PROOFING IS INSTALLED. ANY POINTS WHERE WATER MAY GATHER. UNDER THE WALL SHOULD BE MORTARED JOINTS.

AND ANY LOCATIONS WHERE WATER MAY GATHER. THE WALL SHOULD BE MOTORED JOINTS. •DO NOT BRIDGE COPINGS, AND SILLS OR EXPANSION JOINTS.

CONSTRUCTION. •FLASHING SHOULD BE INSTALLED IN THE FOLLOWING LOCATIONS

•APPROVED WALL TIES SHOULD BE USED AT A RATIO OF 1 PER 2 SF OF WALL AREA. •INSTALLATION OF FLASHING SHALL CONFORM TO OBC 9.27.3.8. •AS PER OBC 9.27.4, CAULKING SHALL BE PROVIDED AT VERTICAL JOINTS BETWEEN DIFFERENT CLADDING MATERIALS UNLESS THE JOINT IS SUITABLY LAPPED OR FLASHED TO PREVENT THE ENTRY OF RAIN. •ALL FLASHINGS, DOWNSPOUTS AND EAVES TO BE PREFINISHED METAL.

AND ANY LOCATIONS WHERE WATER MAY GATHER •FLASHING SHOULD BE INSTALLED IN THE FOLLOWING LOCATIONS: AT GRADE, WINDOW SILLS AND HEADERS, SHELF ANGLES, WALL ROOF JUNCTIONS.

SB-10 REQUIREMENTS

CLIMATE ZONE 6, PETERBOROUGH TABLE 5.5-6 - 2017 - NONRESIDENTIAL CONSTRUCTION

ELEMENT ROOF ATTIC

WALLS ABOVE GRADE, WOOD FRAMED WALLS BELOW GRADE, SLAB ON GRADE

NON METAL FRAMING METAL FRAMING, FIXED METAL FRAMING, OPERABLE METAL FRAMING, ENTRANCE DOOR

•ALL STRUCTURAL NOTES ARE COORDINATED WITH STRUCTURAL ENGINEER. ALL INQUIRIES OF A STRUCTURAL •ALL INTERIOR DIMENSIONS ARE TO FINISHED WALL FACE AND/OR STRUCTURAL MEMBERS.

 ALL DIMENSIONS PROVIDED FIRST IN METRIC[mm] FOLLOWED BY IMPERIAL. •INSTALLATION OF ALL PRODUCTS TO BE AS PER PRODUCTS MANUFACTURERS SPECIFICATION AND BEST PRACTICES. THIS INCLUDES BUT IS NOT EXCLUSIVE TO PRODUCTS USED IN ROOF, WALL AND FLOOR ASSEMBLIES, DOORS AND WINDOWS, ,FIXTURES AND FINISHES, AND EQUIPMENT AND APPLIANCES. ALL CONSTRUCTION PRACTICES TO COMPLY WITH ONTARIO BUILDING CODE REGULATIONS.

UNIVERSAL WASHROOM NOT REQUIRED IN A GROUP D OR GROUP E OCCUPANCY THAT IS LESS THAN 3230SF/ 300m2 IN AREA AND NO ACCESS TO THE REST OF THE BUILDING MAXIMUM SUITE AREA FOR 1 WASHROOM UNDER GROUP D OCCUPANCY IS 140m2, MAXIMUM OF 10

- IF ONLY 1 FIXTURE REQUIRED FOR EACH SEX, WASHROOMS CAN BE 1 UNIVERSAL + 1 UNISEX

MAXIMUM BUILDING AREA FOR COMBUSTIBLE CONSTRUCTION, NON-SPRINKLERED = 6000m2 [64,000 SF]

GROUP D OCCUPANCY = 200m2 MAX. AREA, MAXIMUM TRAVEL DISTANCE = 25m GROUP E [MERCANTILE] = 150m2 MAX. AREA, MAXIMUM TRAVEL DISTANCE = 15m

IF AN EXTERIOR EXIT DOOR IN ONE FIRE COMPARTMENT IS WITHIN 3m HORIZONTALLY OF AN OPENING IN ANOTHER FIRE COMPARTMENT AND THE EXTERIOR WALLS INTERSECT AT AN ANGLE OF LESS THAN 135°, THE OPENINGS ARE TO BE PROTECTED WITH WIRED GLASS AND/OR A FIRE DOOR WITH A CLOSURE

- IF UNPROTECTED OPENINGS IN AN EXTERIOR WALL IN ONE FIRE COMPARTMENT ARE EXPOSED TO UNPROTECTED OPENINGS IN AN EXTERIOR WALL OF ANOTHER FIRE COMPARTMENT, AND THE PLANES OF THE TWO WALLS ARE PARALLEL OR INTERSECT AT AN ANGLE LESS THAN 135°, THE UNPROTECTED OPENINGS NEED

D = THE GREATER LIMITING DISTANCE FOR THE EXPOSING BLDG FACES OF THE TWO FIRE COMPARTMENTS Y = ANGLE MADE BY THE TWO INTERSECTING WALLS [X=0 FOR WALLS PARALLEL TO EACH OTHER]

THE EXTERIOR WALL OF EACH FIRE COMPARTMENT WITHIN THE DISTANCE Do SHALL HAVE A FIRE RESISTANCE RATING NOT LESS THAN THAT REQUIRED FOR THE INTERIOR VERTICAL FIRE SEPARATION BETWEEN THE FIRE

•ALL REINFORCING STEEL TO BE DEFORMED BARS CONFORMING TO CSA G30.12-M GRADE 400. •COLD WEATHER CONCRETING SHALL CONFORM TO CSA STANDARD CAN3-A23.L-M84. PROVIDE TEMPORARY

WHERE PARGING IS REQUIRED EITHER B2000 BY DUROCK OR TUFF II IS TO BE USED.

•PROVIDE 6 MIL POLYETHYLENE VAPOUR BARRIER BETWEEN SLAB AND GRANULAR BEDDING.

•FOOTINGS SHALL BE FOUNDED ON NATIVE, INORGANIC, UNDISTURBED SOIL - SEE STRUCTURAL DRAWINGS •SLOPE BETWEEN STEPPED OR ADJACENT FOOTINGS SHALL BE A MAX. OF 7 VERTICAL AND 10 HORIZONTAL UNLESS APPROVED BY SOIL ENGINEER TO BE GREATER. STEPS SHALL NOT EXCEED 2'-0" VERTICALLY. •EXTERIOR FOOTINGS SHALL BE FOUNDED AT A LEVEL AT LEAST 4'-0" BELOW FIN. GRADE.

•SHOULDICE CONTROL JOINTS: THE RECOMMENDED PLACEMENT OF CONTROL JOINTS ARE AS FOLLOWS: MAXIMUM PANEL LENGTH TO HEIGHT RATIO OF 1 TO 1-1/2, AND A MAXIMUM SPACING OF 20 FEET. VERTICAL JOINTS MAY BE PLACED AT POINTS OF STRESS SUCH AS CHANGES IN WALL HEIGHT, OPENINGS AND ENDS OF •MEMBRANES ARE REQUIRED AT BASE OF WALL /SILL, CORNER BOOTS AND END DAMS ARE TO BE USED WHERE REQUIRED, AND ONLY APPROVED DRIP EDGES AND BRICK TILES ARE TO BE USED.

•APPROVED WALL TIES SHOULD BE USED AT A RATIO OF 1 PER 2 SQ. FT. OF WALL AREA. WEEPERS SHOULD BE PLACED APPROXIMATELY EVERY 32 INCHES AT THE FOUNDATION LEVEL AND WHEREVER FLASHINGS AND MOISTURE BARRIERS OCCUR. REFER TO NCMA TEK 12-1A ANCHORS AND TIES FOR MASONRY EXTERIOR

•FLASHING AND WEEP HOLES MUST BE INSTALLED ABOVE AND BELOW OPENINGS, THE BOTTOM OF WALLS AND •ALL HEAD JOINTS AT COPINGS AND SILLS AND ALL STONE SECTIONS WITH PROJECTING PROFILES, AND/OR EXPOSED TOP JOINTS, SHOULD BE RAKED AND MADE INTO SEALANT JOINTS. ONLY THE ENDS EXTENDING

•DO NOT BRIDGE COPINGS, AND SILLS OVER CONTROL OR EXPANSION JOINTS. •FLASHINGS AND WEEP HOLES MUST BE INSTALLED ABOVE AND BELOW OPENINGS. THE BOTTOM OF WALLS

•ALL HEAD JOINTS AT COPINGS AND SILLS AND ALL STONE SECTIONS WITH PROJECTING PROFILES, AND/OR EXPOSED TOP JOINTS SHOULD BE RAKED AND MADE INTO SEALANT JOINTS. ONLY ENDS EXTENDING UNDER

•ALL SILLS AND COPINGS OR PIECES WITH PROJECTING PROFILES SHOULD BE PROTECTED DURING

•DURING CONSTRUCTION, COVER OPEN WALLS WHEN RAIN OR SNOW IS ANTICIPATED.

AT GRADE, WINDOW SILLS AND HEADERS, SHELF ANGLES, WALL ROOF JUNCTIONS. •WEEP HOLES ARE TO BE INSTALLED AT THE ELEVATION IMMEDIATELY ABOVE THE FLASHING EVERY 32" AND WHEREVER FLASHINGS AND MOISTURE BARRIERS OCCUR. REFER TO NCMA TEK 19-5A

•FLASHINGS AND WEEP HOLES MUST BE INSTALLED ABOVE AND BELOW OPENINGS, THE BOTTOM OF WALLS

MINIMUM RSI VALUE

R60

R13+R10ci R20ci

R15 FOR 48" AROUND PERIMETER

	MAX SHGC	MIN VT/SHO	
U 0.29	0.40	1.10	
U 0.38	0.40	1.10	

	U 0.38	0.40	1.10
	U 0.45	0.40	1.10
2	U 0.69	0.40	1.10

INTERIOR CONSTRUCTION

[AS PER OBC 9.3.2.5] MOISTURE CONTENT OF LUMBER SHALL NOT BE MORE THAN 19% AS PER OBC 9.3.2.6 LUMBER DIMENSIONS TO BE IN CONFORMANCE WITH CSA 0141

•A CLEARANCE OF NOT LESS THAN 200mm[8"] SHALL BE PROVIDED BETWEEN THE FINISHED GROUND AND THE CLADDING THAT IS ADVERSELY AFFECTED BY MOISTURE, SUCH AS UNTREATED WOOD, OSB, HARDBOARD. •SHEATHING MEMBRANES SHALL CONFORM TO CAN/CGSB-51.32M] •ALL WOOD FRAMING THAT IS NOT PRESSURE TREATED AND IS IN CONTACT WITH CONCRETE SHALL BE SEPARATED FROM THE CONCRETE W/ APPROVED MIN. 6mm POLYETHYLENE VB OR NO. 50 ROLL ROOFING.

[EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 300mm[12"] ABOVE GRADE] •CROSS BRIDGING OR SOLID BLOCKING AS PER STRUCTURAL DRAWINGS •SILL PLATE TO BE INSTALLED ON DAMPPROOFING MATERIAL, 13mm[1/2"] DIA. ANCHOR BOLTS 200mm[8"] LONG EMBEDDED MIN. 100mm[4"] INTO CONC. @2400mm [7'-10"] OC

•ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED. •STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN WASHROOMS REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO TOILETS, SHOWER, AND BATHTUB IN ALL WASHROOMS.

[AS PER OBC 9.5.2.3, 3.8.3.8[1][D], 3.8.3.13[1][F] •SOLID WOOD BEARING COMPRISED OF BUILT-UP STEEL STUDS TO BE CONSTRUCTED IN ACCORDANCE W/ OBC 9.17.4.2[2]

PLASTER AND GYPSUM BOARD INSTALL INSULATING STRIPS CONTINUOUSLY AT EDGES OF GYPSUM BOARD AND CASING BEADS ABUTTING METAL WINDOW AND EXTERIOR DOOR FRAMES, TO PROVIDE THERMAL BREAK. ·LOCATE EDGE OR END JOINTS OVER SUPPORTS. STAGGER VERTICAL JOINTS OVER DIFFERENT STUDS ON **OPPOSITE SIDES OF WALL** 

UNLESS OTHERWISE SPECIFIED OR SHOWN, PROVIDE 1/2" THICK GYPSUM BOARD. •FIRE RATED BOARD: TO ASTM C 36/C 36M: REGULAR, H" THICK AND TYPE X, 5/8" THICK, 48" WIDE X MAXIMUM PRACTICAL LENGTH, ENDS SQUARE CUT, EDGES BEVELED. USE TYPE 'X' GYPSUM BOARD FOR FIRE RATED ASSEMBLIES.

•ALL FIRE RATED ASSEMBLIES ARE TO HAVE STAGGERED JOINTS FOR ALL GWB INSTALLED ALL INSTALLATION OF DRYWALL, AND DRYWALL PRODUCTS IS TO BE IN ACCORDANCE TO THE FOLLOWING STANDARDS: •AMERICAN SOCIETY FOR TESTING AND MATERIALS INTERNATIONAL, (ASTM)

•ASTM C 36/C 36M-01, C1396 SPECIFICATION FOR GYPSUM WALLBOARD, INCLUDING THE REQUIREMENTS FOR TYPE X. •ASTM C 475-01, SPECIFICATION FOR JOINT COMPOUND AND JOINT TAPE FOR FINISHING GYPSUM BOARD. •ASTM C 514-01, SPECIFICATION FOR NAILS FOR THE APPLICATION OF GYPSUM BOARD.

•ASTM C 630/C 630M-01, SPECIFICATION FOR WATER-RESISTANT GYPSUM BACKING BOARD. •EXPOSED GYPSUM BOARD FOR INTERIOR USE: TAPERED EDGE: ASTM CL 396.

•UNEXPOSED GYPSUM BOARD FOR INTERIOR USE: BACKING BOARD: ASTM CL 396. •FIRE RATED GYPSUM BOARD: TYPE 'X' BOARD: ASTM CL 396.

•ASTM C 840-01, SPECIFICATION FOR APPLICATION AND FINISHING OF GYPSUM BOARD.

•ASTM C 954-00, SPECIFICATION FOR STEEL DRILL SCREWS FOR THE APPLICATION OF GYPSUM PANEL PRODUCTS OR METAL PLASTER BASES TO STEEL STUDS FROM 0.033 IN. (0.84 MM) TO 0.112 IN. (2.84 MM) IN THICKNESS. •ASTM C 1002-01, SPECIFICATION FOR STEEL SELF-PIERCING TAPPING SCREWS FOR THE APPLICATION OF GYPSUM PANEL PRODUCTS OR METAL PLASTER BASES TO STEEL STUDS OR STEEL STUDS. •ASTM C 1047-99, SPECIFICATION FOR ACCESSORIES FOR GYPSUM WALLBOARD AND GYPSUM VENEER BASE. •UNDERWRITERS' LABORATORIES OF CANADA (ULC)

•CAN/ULC-S102-1988(R2000), SURFACE BURNING CHARACTERISTICS OF BUILDING •APPLICATION AND FINISHING OF GYPSUM BOARD IN ACCORDANCE WITH ASTM C 840 EXCEPT WHERE SPECIFIED OTHERWISE.

•APPLY GYPSUM BOARD SHEATHING IN ACCORDANCE WITH ASTM C840 EXCEPT WHERE SPECIFIED OTHERWISE. •ERECT HANGERS AND RUNNER CHANNELS FOR SUSPENDED GYPSUM BOARD CEILINGS IN ACCORDANCE WITH ASTM C 840 EXCEPT WHERE SPECIFIED OTHERWISE. •INSTALL WALL FURRING FOR GYPSUM BOARD WALL FINISHES IN ACCORDANCE WITH ASTM C 840, EXCEPT

WHERE SPECIFIED OTHERWISE. •PAPER-FACED METAL BEAD AND TRIM [DATA SHEET ETR-00T9]

FASTENING GWE

•TILE BACKER BOARD: ASTM CL 178: DIAMONDBACK GLAS ROC TILE BACKER BY CERTAINTEED. USE TILE BACKER BOARD BEHIND TILE FINISH.

•JOINT COMPOUND: USE DURABOND® JOINT COMPOUND, ESSENTIAL FOR BED COAT ON FIBREROCK PRODUCTS [DATA SHEET EJC-1507] WHERE GYPSUM BOARD COMES INTO CONTACT WITH WINDOW FRAMES OR EXTERIOR DOOR/SCREEN FRAMES INSTALL THERMAL BREAK. ADHERE SELF-STICKING TAPE TO CASING BEAD AND COMPRESS DURING INSTALLATION OF GYPSUM BOARD.

•USE ONLY FASTENERS APPROVED FOR USE BY BOARD MANUFACTURERS. •SPACING OF FASTENERS MUST BE ACCORDING TO MANUFACTURERS SPECIFICATIONS.

•DRYWALL SCREWS: SELF-DRILLING, SELF-TAPPING, CASE HARDENED. •FOR TWO LAYERS 5/8": FIRST LAYER 1 5/8" S DRYWALL SCREWS SPACED AT 8" OC AT EDGES, AND 12" OC IN THE FIELD. SECOND LAYER: 2 1/4" S OR W DRYWALL SCREWS SPACED AT 8" OC AT THE EDGES, AND 12" OC IN THE FIELD.[ FACE SCREWS MUST PENETRATE MIN 20mm [3/4"] INTO THE FRAMING MEMBERS.

FOR ONE LAYER 1/2": 1 5/8" TYPE S DRYWALL SCREWS 16" OC FOR ONE LAYER 5/8": 1 1/4" TYPE S DRYWALL SCREWS 12" OC, 1" TYPE S SCREWS SPACED16" OC] •LAMINATING ADHESIVE: CGC DURABOND 90 COMPOUND BY CGC, OR EQUIVALENT PRODUCT BY CERTAINTEED. •STEEL DRILL SCREWS: TO ASTM C 1002.

•NAILS: TO ASTM F547ASTM C 514. •STUD ADHESIVE: TO CAN/CGSB-71.25 AND ASTM C 557.

RESILIENT CHANNELS •RESILIENT CHANNELS NEED TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS AND WITH APPROVED FASTENERS AND RECOMMEND SPACING FOR SOUND ATTENUATION TO BE EFFECTIVE. [FASTENERS USED TO ATTACH GYPSUM WALLBOARD CAN NOT PENETRATE FRAMING MEMBERS.] •RESILIENT FURRING CHANNEL: RC-1 BY CGC.

FIRE RATED ASSEMBLIES ANY WALLS OR CEILINGS THAT ARE FIRE RATED AND IN UTILITY SPACES OR COVERED WITH A DROP CEILING CAN USE THE E-Z TAPING SYSTEM RATHER THAN DRYWALL TAPE AND DRYWALL COMPOUND. THE ADVANTAGE

IS THAT NO COMPOUND NEED BE APPLIED TO ACHIEVE THE FIRE RATING. •WHEN FIRE OR SOUND RESISTANT RATINGS ARE NECESSARY, WATER RESISTANT GYPSUM BOARD REQUIRED FOR THE RATING SHALL EXTEND DOWN TO THE FLOOR BEHIND THE FIXTURES SO THAT THE CONSTRUCTION WILL EQUAL THAT OF THE TESTED SYSTEM. •FIRE-STOPPING IS REQUIRED FOR ALL THROUGH PENETRATIONS OF FIRE RATED ASSEMBLIES AND MUST

CONFORM TO ULC 40 U19 FIRE STOP SYSTEMS. •ALL ELECTRICAL OUTLET BOXES WITH OPENINGS THROUGH A MEMBRANE MUST BE OFFSET MIN 400mm/ 16" ON OPPOSITE SIDES OF THE ASSEMBLY AND SEALED WITH ACOUSTICAL SEALANT.

FIRESTOPPING •3.2.3.16 PROTECTION OF SOFFITS

FIRE BLOCKS TO BE PROVIDED IN ROOF SPACES BETWEEN FIRE COMPARTMENTS •FIRE STOPPING IS REQUIRED FOR ALL THROUGH PENETRATIONS FOR FIRE RATED ASSEMBLIES AND MUST CONFORM TO ULC 40 U19 FIRE STOP SYSTEMS.

•TOP OF WALLS THAT ARE FIRE SEPARATIONS REQUIRES HILTI FIRESTOP TOP TRACK SEAL CFS - TTS •TEST REQUIREMENTS: ULC-S115-M OR CAN4-S115-M, "STANDARD METHOD OF FIRE TESTS OF THROUGH PENETRATION FIRE STOPS"

•PROVIDE FIRE STOPPING COMPOSED OF COMPONENTS THAT ARE COMPATIBLE WITH EACH OTHER, THE SUBSTRATES FORMING OPENINGS, AND THE ITEMS, IF ANY, PENETRATING THE FIRE STOPPING UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY THE FIRE STOPPING MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE.

•WHERE FIRE HOSE CABINETS, ELECTRICAL PANELS, OR OTHER FIXTURES OR EQUIPMENT ARE RECESSED INTO FIRE RATED ASSEMBLIES, PROVIDE CONTINUOUS FIRE RATED BACKING TO MAINTAIN REQUIRED FIRE RATING. [ON REQUEST ARCHITECT WILL PROVIDE CONSTRUCTION DETAILS]

•PROVIDE COMPONENTS FOR EACH FIRE STOPPING SYSTEM THAT ARE NEEDED TO INSTALL FILL MATERIAL. USE ONLY COMPONENTS SPECIFIED BY THE FIRESTOPPING MANUFACTURER AND APPROVED BY THE QUALIFIED TESTING AGENCY FOR THE DESIGNATED FIRE-RESISTANCE-RATED SYSTEMS SUBJECT TO COMPLIANCE WITH THROUGH PENETRATION FIRE STOP SYSTEMS AND JOINT SYSTEMS LISTED IN THE U.L.C FIRE RESISTANCE DIRECTORY – VOLUME III OR UL PRODUCTS CERTIFIED FOR CANADA (CUL)

DIRECTORY, PROVIDE PRODUCTS OF THE FOLLOWING MANUFACTURERS AS IDENTIFIED BELOW: 1. HILTI (CANADA) CORPORATION, MISSISSAUGA, ONTARIO 1-800-363-4458/WWW.CA.HILTI.COM ONLY TESTED FIRESTOP SYSTEMS SHALL BE USED IN SPECIFIC LOCATIONS AS FOLLOWS:

.1 PENETRATIONS FOR THE PASSAGE OF DUCT, CABLE, CABLE TRAY, CONDUIT, PIPING, ELECTRICAL BUSWAYS AND RACEWAYS THROUGH FIRE-RATED VERTICAL BARRIERS (WALLS AND PARTITIONS), HORIZONTAL BARRIERS (FLOOR/CEILING ASSEMBLIES), AND VERTICAL SERVICE SHAFT WALLS AND PARTITIONS .2 OPENINGS BETWEEN STRUCTURALLY SEPARATE SECTIONS OF WALL OR FLOORS.

.3 GAPS BETWEEN THE TOP OF WALLS AND CEILINGS OR ROOF ASSEMBLIES. .4 EXPANSION JOINTS IN WALLS AND FLOORS.

FIRESTOPPING MATERIALS:

FIRE STOPPING AND SMOKE SEAL SYSTEMS: IN ACCORDANCE WITH CAN-ULC-S115. ASBESTOS-FREE MATERIALS AND SYSTEMS CAPABLE OF MAINTAINING EFFECTIVE

- BARRIER AGAINST FLAME, SMOKE AND GASES IN COMPLIANCE WITH REQUIREMENTS OF CAN- ULC-S115 AND NOT TO EXCEED OPENING SIZES FOR WHICH THEY ARE INTENDED AND CONFORMING TO SPECIFIED SPECIAL REQUIREMENTS DESCRIBED IN PART 3.
- USE ONLY FIRESTOP PRODUCTS THAT HAVE BEEN ULC OR CUL TESTED FOR SPECIFIC FIRE-RATED CONSTRUCTION CONDITIONS CONFORMING TO CONSTRUCTION ASSEMBLY TYPE, PENETRATING ITEM TYPE, ANNULAR SPACE REQUIREMENTS, AND FIRE-RATING INVOLVED FOR EACH SEPARATE INSTANCE.
- FOR PENETRATIONS THROUGH A FIRE WALL OR HORIZONTAL FIRE SEPARATION PROVIDE A FIRESTOP SYSTEM WITH A "FT" RATING AS DETERMINED BY ULC OR CUL WHICH IS EQUAL TO THE FIRE RESISTANCE RATING OF THE CONSTRUCTION BEING PENETRATED. FOR JOINTS PROVIDE A FIRESTOP SYSTEM WITH AN ASSEMBLY RATING AS
- DETERMINED BY CAN4-S115-M, ULC-S115-M OR UL 2079, WHICH IS EQUAL TO THE FIRE RESISTANCE RATING OF THE CONSTRUCTION BEING PENETRATED.

## ACOUSTICAL CAULKING

•TO ENSURE SOUND TRANSMISSION CLASS IS EFFECTIVE ALL PIPING SHOULD BE ISOLATED FROM SURROUNDING STRUCTURES WITH RESILIENT PADS.

•CAULKING: TO CAN/CGSB-19.21-M87: ACOUSTICAL SEALANT BY TREMCO, OR CGC ACOUSTICAL SEALANT. •TO ENSURE INTEGRITY OF STC RATINGS, SEAL ALL CRACKS OR OPENINGS, APPLY SEALANTS BELOW PLATES IN STUD WALLS, BETWEEN BOTTOM OF DRYWALL SHEETS AND STRUCTURE BEHIND, AND AROUND ALL PENETRATIONS FOR SERVICES.

•PROVIDE ACOUSTICAL CAULKING AT ALL PARTITIONS, BULKHEADS AND CEILINGS SCHEDULED TO RECEIVE ACOUSTICAL INSULATION AS FOLLOWS:

•AT PERIMETER OF GYPSUM BOARD PARTITIONS AND CEILINGS. •AROUND OBJECTS PENETRATING GYPSUM BOARD ELEMENTS.

•PROVIDE 2 BEAD CAULKING SYSTEM AROUND HORIZONTAL AND VERTICAL PERIMETERS OF PARTITIONS. APPLY CONTINUOUS SEALANT BEADS AT EACH SIDE OF HORIZONTAL RUNNER TRACKS AND VERTICAL END STUDS, BETWEEN GYPSUM BOARD AND ADJACENT CONSTRUCTION. •CAULK AROUND OBJECTS SUCH AS ELECTRICAL OUTLETS, LIGHT SWITCHES, ELECTRICAL AND MECHANICAL PANELS AND BOXES, GRILLES, AND OTHER OBJECTS PENETRATING. CAULK BEHIND METAL CONTROL JOINT

ACOUSTIC BATT INSULATION

SECTIONS

•ACOUSTIC BATT INSULATION IS TO BE PROVIDED FOR ALL EXAM ROOMS, TREATMENT ROOMS AND OFFICES FOR PRACTITIONER/PATIENT CONFIDENTIALITY

•1/2" PLYWOOD BACKING WILL BE REQUIRED FOR THE INSTALLATION ALL MILLWORK. •THERE IS ALSO THE REQUIREMENT FOR 1/2" PLYWOOD BACKING IN THE EXAM ROOMS, OFFICES AND PHYSIO AREA OF THE THIRD FLOOR SUITE. PRIOR TO INSTALLATION OF GWB, THE CONTRACTOR IS TO WALK THE FLOOR WITH THE CLIENT AND ARCHITECT TO INSURE ALL NECESSARY BLOCKING IS IN PLACE FOR WALL MOUNTED EQUIPMENT. •BLOCKING IS REQUIRED FOR ALL WASHROOM ACCESSORIES AND FIXTURES AND SHOULD BE COORDINATED WITH THE REQUIREMENTS FOR EACH PRODUCT AND MANUFACTURER.

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS UNDER THE 2012 ONTARIO BUILDING CODE. [pre jan 01, 2019.] THE COMPLIANCE OF ALL WORK IN RELATION TO THE ONTARIO BUILDING CODE SHALL BE DETERMINED ON SITE BY THE PETERBOROUGH BUILDING DIVISIONS INSPECTION STAFF. THE APPLICANT ASSUMES FULL RESPONSIBILITY FOR ALL COSTS ASSOCIATED WITH THE REWORK AND/OR REDESIGN THAT MAY RESULT FROM ANY NON CONFORMANCE WITH THE ONTARIO BUILDING CODE. 2. FIRE SEPARATIONS SHALL BE CONTINUOUS AND CONSTRUCTED TIGHT TO THE UNDERSIDE OF DECK. ANY AND ALL PENETRATIONS THROUGH FIRE SEPARATIONS SHALL BE SEALED AND/OR PROTECTED WITH CLOSURES IN ACCORDANCE WITH 3.1.8 AND 3.1.9

3. PROVIDE FIRE BLOCKING IN ALL CONCEALED SPACES IN ACCORDANCE WITH 3.1.11. 4. ALL NEW INTERIOR FINISHES SHALL BE IN ACCORDANCE WITH 3.1.8. AND 3.4.4.5..

5. MAINTAIN HEADROOM IN ACCORDANCE WITH 3.3.1.8. AND 3.4.3.5. 6. ENSURE ALL APPLICABLE DOORS AND DOOR HARDWARE COMPLIES WITH 3.3.1.10., 3.3.1.12., 3.4.6.16. & 3.8.3.3.. 7. MAINTAIN A BARRIER FREE PATH OF TRAVEL IN ACCORDANCE WITH 3.8.1.3.. 8. EXIT SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH 3.4.5..

9. RATING OF SUPPORTING STRUCTURE SHALL BE IN ACCORDANCE WITH 3.1.7.5..

10. ALL ALARM AND DETECTION SYSTEMS SHALL BE IN ACCORDANCE WITH 3.2.4.. 11. HORIZONTAL AND VERTICAL SERVICE SHAFTS SHALL BE IN ACCORDANCE WITH 3.6.3. & 3.8.4... 12. PROVIDE BARRIER FREE ACCESSIBILITY SIGNAGE IN ACCORDANCE WITH 3.8.3.1..

13. ALL WORK WITHIN THE CEILING PLENUM SHALL CONFORM TO 3.6.4.3..

14. STAIRS, STAIR FINISH, LANDINGS, HANDRAILS AND GUARDS SHALL BE IN ACCORDANCE WITH 3.4.6.1., 3.4.6.4., 3.4.6.5., 3.4.6.6. & 3.4.6.8.. 15. EXTERIOR WALKS SHALL BE IN ACCORDANCE WITH 3.8.3.2..

16. THE PRINCIPAL ENTRANCES SHALL BE CONSTRUCTED AS BARRIER FREE ENTRANCES. BARRIER FREE ENTRANCE SHALL BE COMPLETE WITH ALL NECESSARY COMPONENTS. THE BARRIER FREE ENTRANCE SHALL CONFORM TO ALL APPLICABLE PARTS OF 3.8. INCLUDING BUT NOT LIMITED TO 3.8.1.2., 3.8.1.3., 3.8.1.5., 3.8.1.6., 3.8.3.1., 3.8.3.1., 3.8.3.2., 3.8.3.3., 3.8.3.4. & 3.8.3.18.

17. MAINTAIN THE INTEGRITY OF EXITS IN ACCORDANCE WITH 3.4.4.4. 18. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH PART 7 OF THE ONTARIO BUILDING CODE 19. PROVIDE BARRIER FREE ACCESS TO THE PARKING AREA AND WALKS IN ACCORDANCE WITH 3.8.2.2.. 20. MAINTAIN EXIT WIDTHS IN ACCORDANCE WITH 3.3.1.9. & 3.4.3.4.. 21. ALL BUILDING ASSEMBLIES SHALL BE IN ACCORDANCE WITH SB-10.

GENERAL ACCESSIBILITY NOTES

1. EXTERIOR PADS AT ACCESSIBLE ENTRY DOORS TO HAVE MAX 2% SLOPE . 2. ALL MATS ARE TO BE LEVEL WITH THE FLOOR.

3. DOOR THRESHOLDS ARE TO BE BEVELLED IN A MANNER TO NOT CREATE A TRIPPING HAZARD. 4. FLOOR FINISHES IN HIGH TRAFFIC AREAS ARE TO HAVE NON-SLIP SURFACES UNDER WET AND DRY

CONDITIONS AND ARE TO BE GLARE-FREE. 5. COLOUR OF DOORS OR DOOR FRAMES IN HALLWAYS ARE TO CONTRAST WITH SURROUNDING COLOURS. 6. FIRE EXIT DOORS ARE CONSISTENTLY COLOURED THROUGHOUT THE BUILDING, AND ARE EASILY DISTINGUISHED FROM OTHER DOORS.

7. FIRE EXTINGUISHERS ARE IN A HIGHLY CONTRASTING COLOUR. 8. ALL SIGNAGE TO INCLUDE LARGE HIGH CONTRAST TEXT, CLEAR, LIGHT-COLOURED LETTERING OR SYMBOLS ON A DARK BACKGROUND, OR DARK CHARACTERS ON A LIGHT BACKGROUND.

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Spruce Drive Norwood, ON
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MEDICAL BUILDING

SCALE NTS

**OBC MATRIX** 





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NORTH ELEVATION



EAST ELEVATION

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MEDICAL BUILDING
Spruce Drive Norwood, ON
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SCALE 3/16"=1'-0
ELEVATIONS
a 2.2



1 GARBAGE ENCLOSURE a 1.01 FOUNDATION PLAN SCALE: 3/8" = 1'-0"



a 1.01 SCALE: 1/2"=1'0"

a 1.01 SCALE: 3/8" = 1'-0"











HOT DIPPED GALVANIZED — 2"x2" STEEL DOOR FRAME HOT DIPPED GALVANIZED — FLAT BAR ANGLE CROSS BRACE HOT DIPPED GALVANIZED STEEL-PLATE DOOR STOP HOT DIPPED GALVANIZED 2"x2" STEEL DOOR FRAME HOT DIPPED GALVANIZED STEEL ANGLE FRAME AROUND TOP AND — SIDES OF DOOR FRAME 9 DOOR SECTION al1.01 SCALE: N.T.S. 8 SECTION - DOOR FRAME a 1.01 SCALE: 1/2"=1'0"

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MEDICAL BUILDING
Spruce Drive Norwood, ON
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