21126 NEW VISION CHURCH

24 MAIN ST. W HAMILTON, ON L8P 1H2





CONCRETE MASONRY P2 - 92mm METAL STUD M1a - 140mm HOLLOW CMU 16mm GWB 16mm GWB • 92mm METAL STUD @ 400 o.c. 23mm HAT CHANNEL • 16mm GWB 140mm HOLLOW CONCRETE MASONRY M1a 1HR STC 48* M2 - 190mm HOLLOW CMU SIMILAR TO P2 190mm HOLLOW CONCRETE MASONRY POLISHED w/ 76mm ROXUL AFB INSULATION BETWEEN STUDS STACKED BOND (FRICTION FIT) A.F.F. ABOVE F M2 1.5HR STC 50* ALUMINU AL AR ABUSE R P3 - 152mm METAL STUD BLDG BUILDING • 16mm GWB CB CONCRE • 152mm METAL STUD @ 400 o.c.(3225mm MAX HEIGHT) CJ CONTRO C/W STRUCTURAL SUPPORT REFER TO STRUCTURAL CL CENTRE DRAWINGS CLNG CEILING • 16mm GWB CONC CONCRE NOTE: SUBSTITUTE GWB WITH DENSGLASS AT WET CONT CONTINU AREAS (I.E. WASHROOMS) CR EX CRAS C/W COMPLE DIM DIMENSI DIV DIVISION DTL DETAIL DWG DRAWING EQ EQUAL ΕX EXISTING EXP EXPOSE EXT EXTERIO FE FIRE EXT FHC FIRE HOS FIN FINISHED FL FLOOR FRR FIRE RES GA GAUGE WALL TYPES 1:10 GENERAL NOTES: ∕ xx ∖ (XXXX/ 1. DRAWINGS & SPECIFICATIONS OF ALL DISCIPLINES TO BE READ TOGETHER. ANY NOTE, DRAWING, OR DETAIL SHOWN OR SPECIFIED IN ONE DISCIPLINE IS APPLICABLE TO ALL DISCIPLINES. INTERIOR EI PHASING & HOARDING NOTES: (101 PHASING/HOARDING SHOWN IS SCHEMATIC; EXACT PHASING/HOARDING TO BE DETERMINED ON SITE IN CONSULTATION 1. WITH OWNER'S PROJECT MANAGEMENT REPRESENTATIVES. THESE DRAWINGS ARE MEANT TO FACILITATE PRICING FOR PHASING/HOARDING (& AFTER-HOURS WORK) AND TO IDENTIFY THE PARAMETERS WITHIN WHICH THE CONTRACTOR < 1t WILL BE REQUIRED TO DEVELOP A DETAILED PHASING PLAN.NOTE THAT M&E PHASING MAY VARY FROM THE GENERAL/ARCH PHASING SHOWN. REFER TO M&E DRAWINGS TO COORDINATE AREAS FOR WHICH WORK WILL BE REQ'D XXX DURING MORE THAN ONE PHASE. ANY REQUIRED TURN-OVER OF CORRIDOR AREAS APART FROM GENERAL TURN-OVERS SHOWN ARE EXPECTED TO BE FOR SHORT PERIODS OF TIME, AFTER-HOURS AS FEASIBLE. IN GENERAL, INCLUDE FOR AFTER-HOURS FOR CORRIDOR WORK NOT SHOWN IN GENERAL/ARCH PHASES. CONTRACTOR TO PROVIDE CLEAR PATH FOR FIRE-EXITING & FOR USER ACCESS TO BE COORDINATED W/ OWNER. REE & CLEAR PATHS OF TRAVEL TO BE PROVIDED BY CONTRACTOR TO THE OUTSIDE, INCLUDING ANY REQUIRED PROTECTION - TO BE FURTHER REFINED BY CONTRACTOR AT TIME OF CONSTRUCTION. TEMPORARY EXIT PATH TO BE CLEARLY IDENTIFIED VIA CONTINUOUSLY POSTED SIGNAGE. M&E WORK EXTENDS BEYOND THE PROJECT AREA IDENTIFIED ON THE ARCH PLAN DRAWINGS. ALLOW FOR HOARDING -TO PROVIDE A SAFE WORK AREA - AND FOR AFTER-HOURS WORK FOR ALL WORK IN THESE AREAS. WHERE EX FIRE SEPARATIONS ARE REMOVED AS PART OF THE WORK, PROVIDE HOARDING WITH EQUAL FIRE RATING (P1A)-AT REMOVED WALL. INT HOARDING PARTITIONS TO CONSIST OF 12MM GWB ON PUBLIC SIDE OF 92MM METAL STUDS AT 400MM OC, C/W SOUND ATTENUATION BATTS AND CONTINUOUS 6 MIL (0.15MM) POLY SEALED TO THE FLOOR, CLG, WALLS AND/OR U/S L PT STRUCTURE. GWB TO BE TAPED. EXTEND HOARDING FROM FINISHED FLOOR TO U/S CLG OR U/S STRUCTURE ABOVE, AS APPLICABLE. DOORS IN HOARDING TO BE MIN. 900MM x 2000MM C/W WEATHERSTRIPPING & FLOOR SWEEPS. PROVIDE KEYPAD 6. LOCKSET AT EACH HOARDING DOOR.MINIMIZE DISRUPTION TO TENANTS DURING CONSTRUCTION PROCESS. 7. TEMPORARY/NIGHTLY HOARDING TO CONSIST OF CONTINUOUS 6 MIL (0.15MM) POLY SEALED TO FLOOR, WALLS, AND U/S 3000 EX CLG. NO ACCESS ALLOWED INTO CLG SPACES AND/OR INTERSTITIAL SPACES EXCEPT FROM THOSE ACCESS LOCATIONS 8. DESIGNATED BY OWNER. 1100 9. HOARDING TO BE PROVIDED IN CONJUNCTION WITH PHASING, AS APPLICABLE. HOARDING TO BE COORDINATED WITH LOCATIONS OF EX DEVICES (PULL STATIONS, CARD READERS, ETC) TO REMAIN IN 1.10 ו SERVICE DURING CONSTRUCTION. PROVIDE TEMPORARY/NIGHTLY HOARDING AS REQ'D BY OWNER FOR FINISHING WORK TO BE DONE FOLLOWING 10. REMOVAL OF HOARDING PARTITIONS. UPON REMOVAL OF HOARDING, MAKE GOOD & CLEAN ALL ADJACENT AREAS & SURFACES AS APPLICABLE. HM SCREENS LINE 8 C/W G -HM SCREEI LINE 8 C/W



	DRAWI	NG LIST	
R SHEET	Sheet	Name Consultant	
RAL NOTES & OBC	- GROUND FLOOR DEMO		
			TRUE NORTH CONSTRUCTION NORTH
			5
INISHED FLOOR	GL GLAZED		
JM RESISTANT G	GWB GYPSUM WAL (NON-CELLUL) HM HOLLOW MET	L BOARD SM SQUARE METER OSE) SS STAINLESS STEEL AL STL STEEL	
LINE	HSS HOLLOW STRU STEEL	UCTURAL SUSP SUSPENDED TBD TO BE DETERMINED	WAIN ST. W
TE JOUS H-RAIL	INCL INCLUDING INSUL INSULATION INT INTERIOR	U/S UNDERSIDE OF VAB VAPOUR/AIR BARRIER W/ WITH	KEY PLAN
TE WITH ON I	IR IMPACT RESIS MANUF MANUFACTUR MAX MAXIMUM	STANT WC WASHROOM RER FINISHES - SEE ROOM FINISH SCHEDULE	
G CAL	MECH MECHANICAL MIN MINIMUM MM MILLIMETRES	A HIGH-IMPACT SHEETING ACT ACOUSTIC CEILING TILE COR SOLID SURFACING	
G D	MSU MEDICAL SER MTL METAL NIC NOT IN CONTR	VICE UNIT L LINOLEUM P PAINT RACT PLAM PLASTIC LAMINATE	
TINGUISHER SE CABINET	OC ON CENTRE PART PARTITION	E RS ROLLER SHADE~3% MESH, CHAIN OPERATED SS STAINLESS STEEL	
SISTANCE RATING	PREFIN PREFII GRCP REFLECTED C REQ'D REQUIRED	NISHED EILING PLAN	
	RM ROOM SF SQUARE FEET	Ē	1 ISSUED FOR PERMIT - SANCT. FLR. REINF. 220318 03/18/202 No. DESCRIPTION DATE
		ABBREVIATIONS	DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING.
			ONLY FIGURED DIMENSIONS MUST BE USED. THE CONTRACTOR MUST CHECK THE DIMENSIONS ON SITE. THE DRAWING IS PROTECTED BY COPYRIGHT
HH EE	A D XX B		ALL DIMENSIONS ARE SHOWN IN MILLIMETERS.
GG FF	c		Do Not scale the drawings.
ELEVATION REFS	EXTERIOR ELEVATION REF	BLDG SECTION REF WALL SECTION REF	Westinghouse HQ, 2 nd Floor 286 Sanford Ave. N.
\supseteq	WINDOW NUMBER		Hamilton, ON L8L 6A1 905.526.6700
EXISTING	XXX ROOM NAME	ELEVATION DATUM	SELIO ASSOC
<u>ROOM NAME</u> <u>& NUMBER</u>	<u>& NUMBER</u>	U/S STEEL XXX.XX DECK	ARCHITECTS 2
A	WALL TYPE MARKER	ELEVATION DATUM	JAMES HETTINGER LICENCE 5222
P1A	ADJACENT WALL TYPE MARKERS INDICATING	0	SEAL
\leq	WALL FINISH MARKER	GRID IDENTIFIER	C ONSULTANTS:
r			
0	<u>CEILING HEIGHT</u> <u>MARKER</u>		
0 / m	DIMENSION	DETAIL BUBBLE	PROJECT: NEW VISION CHURCH
	NOTES	33 EQUIPMENT/FURNITURE MARKER	
IS A F GRID GWG		EXISTING WALL TO REMAIN	24 MAIN ST. W. HAMILTON ON L8P 1H2
		NEW WALL	
/ GWG		EXISTING ITEM (WALL, DOOR, FIXTURE, MILLWORK, ETC.) TO BE DEMOLISHED	
			DRAWN BY: HD DATE: 01/31/22 CHECKED BY: SCALE:
		1:50	Checker Como indicado PROJECT NO.: 21126
			DRAWING NO -

1.	ALL EX PARTITIONS/WALLS, BASES, AND FLOORS TO REMAIN ARE TO BE MADE GOOD TO RECEIVE NEW	
_	FINISH. REFER TO ROOM FINISH SCHEDULE.	
2.	PATCH & REPAIR FIRE STOPS AS REQ'D.	
3.	SAW CUT OR CORE DRILL EX CONC SLAB AS REQUIRED IN AREAS FOR NEW WORK; PROVIDE SHOP DWGS	
	FOR CORING, C/W STAMP BY PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO. PATCH	
	& REPAIR CONC SLAB AS REQ'D, ENSURE FLOORS ARE LEVEL, AND MAKE ALL SURFACES GOOD TO RECEIVE	
	NEW FINISH.	
4.	SITE VERIFY ALL DIMENSIONS PRIOR TO INSTALLATIONS.	
5.	AT ALL EX PARTITIONS/WALLS TO REMAIN, PATCH/REPAIR (AS REQ'D), MAKE GOOD TO RECEIVE NEW FINISH,	
6	& CLEAN, PAINT ALL EX GWB PARTITIONS/WALLS TO REMAIN.	
6.	WHERE EX FIRE SEPARATIONS ARE PENETRATED AS PART OF THE WORK, PROVIDE FIRE STOPPING TO REQU	
	RATING. WHERE UNRATED FIRE SEPARATION IS INDICATED, PROVIDE SMORE SEALANT AT ALL DENETRATIONS & DEDIMETED JOINTS (EV OD NEW ASSEMBLIES)	
7	PENETRATIONS & PERIMETER JUINTS (EA OR NEW ASSEMIDLIES). MAKE COOD EIDE DOOCEING AT ALL ADEAS AFEECTED BY THE MODIA INCLIMITEDE TYING IN NEW STRUCT	
7.	WARE GOOD FIRE-PROOFING AT ALL AREAS AFFECTED BY THE WORK, INCL WHERE ITTING IN NEW STRUCT	
Q	STETUER FIRE-PROTECTED STRUCT STE.	
0.	WASHDOOM ACCESSORIES ETC) DECED TO DIANS INTELEVATIONS & SDECIEICATIONS	
0	LOCATIONS OF ELECTRICAL DOOR HARDWARE WASHROOM ACCESSORIES FOLLIDMENT HANDRALLS	
э.	CRASHRAILS, ETC. (AS APPLICABLE) NOT PROVIDED IN INTERIOR ELEVATIONS ARE TO BE CONFIRMED WITH	
	THE ARCHITECT PRIOR TO INSTALLATION	
10	UNLESS NOTED OTHERWISE, MOUNTING FIXTURES, FOUIPMENT, ETC ACROSS BUILDING EXPANSION JOINTS	
	ON PARTITIONS/WALLS OR CLGS IS NOT PERMITTED.	
11.	WHERE PROVISION OR MODIFICATION OF FIRE SUPPRESSION COMPONENTS ARE REQ'D AS PART OF THE	
	WORK, SPRINKLER HEAD COUNT, LOCATION. & STYLE SHOWN ARE FOR GENERAL DESIGN PURPOSES ONLY	
	SPRINKLER CONTRACTOR TO PRICE A COMPLETE & OPERATIONAL SYSTEM AND INCLUDE SUFFICIENT	
	QUANTITIES & STYLES OF HEADS, MATERIALS, PIPE SIZES, FITTINGS, & COMPONENTS FOR AN NFPA 13	
	COMPLIANT SYSTEM, ANY INFORMATION (E.G., ON EX SYSTEM) REQ'D IS TO BE OBTAINED DIRECTLY BY THE	
	CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT SPRINKLER SYSTEM TO BE ACTIVE WHEN	
	WORKERS ARE NOT ON SITE, THROUGHOUT THE LENGTH OF THE PROJECT; WHEN NOT FEASIBLE,	
	CONTRACTOR TO MEET REQUIREMENTS OF THE MUNICIPAL AUTHORITY VIA FIRE ALARM SYSTEM (ACTIVE	
	SMOKE DETECTORS) OR BY PROVIDING FIRE WATCH.	
12.	WHERE SYSTEMS FURNITURE IS TO BE PROVIDED AS PART OF THE WORK, CONTRACTOR IS RESPONSIBLE TO	
	COORDINATE RELEVANT WORK OF ALL TRADES WITH SUPPLIER AND CONFIRM THE SAME WITH THE OWNER	
	(E.G., FOR VERTICAL & HORIZONTAL LOCATIONS OF ELEC OUTLETS).	
13.	ALLOW FOR RELOCATION OF FIXTURES & DEVICES WITHIN 3050mm OF LOCATION SHOWN - PRIOR TO	
	INSTALLATION, AT NO ADDITIONAL COST TO CONTRACT.	
14.	FLOORS IN ALL ROOMS W/ FLOOR DRAINS ARE TO BE SLOPED IN ALL DIRECTIONS AT 2%. BUILD UP SUB-	
	FLOOR TO OBTAIN REQ'D SLOPE; COORDINATE ANY IMPACT ON ADJACENT ELEMENTS (FINISHES, DOORS,	
. –	FIXTURES, EQUIPMENT, ETC.).	
15.	PROVIDE CONTINUOUS BEAD OF SILICONE COLOUR-MATCHED SEALANT AT ALL JOINTS OF DISSIMILAR	
	MATERIALS AND/OR SURFACES (TILE, CRASH-RAIL, FLOORING BASE, ETC) IN FINISHED SPACES AS	
40		
16.	WHERE OPENINGS ARE TO BE CUT INTO EX CONCIBLOCK PARTITIONS, THE LOCATION & SIZE OF THE ODENINGS ARE TO BE ADJUSTED TO THE NEADEST MODIAN JOINT IS THE ADJUSTMENT IS MINOD AND WITH	
	OPENINGS ARE TO BE ADJUSTED TO THE NEAREST MORTAR JUINT IF THE ADJUSTMENT IS MINUR AND WILL	
17	NUT ADVERSELT AFFECT THE DESIGN INTENT OK LATOUT OF THE SPACE. WHERE INFILL OR EXTENSION OF EX RADITIONS ARE INDICATED ALLON TO FX AD LACENT WALLS, AND	
17.	WHERE INFILL OR EATENSION OF EA FARTITIONS ARE INDIGATED, ALIGIN TO EA ADJAGENT WALLS, AND MATCH EX CONISTRUCTION & THICKNESS	
18	ΙνίΑΤΟΗ ΕΛΟΟΝΟΤΚΟΟΠΟΝ & ΠΙΟΚΝΈΟΟ. FIRE RESISTANCE RATINCS ARE ΙΝΠΙΔΑΤΕΠ ΑΤ ROTH ΝΕΊΛΙ & ΕΥ ΦΑΦΤΙΤΙΩΝΙS ΝΕΊΛΙ ΦΑΦΤΙΤΙΩΝΙS SUOMINI	
10.	RATED ARE TO BE CONSTRUCTED AS FIRE-SEPARATION ASSEMBLIES BUILT TO U/S DOOF OP ELOOD/DECK	
	ABOVE EX PARTITIONS SHOWN RATED ARE TO BE EXTENDED TO 11/S STRUCT ABOVE WHERE NOT ALREADY	
	AND PATCHED/REPAIRED AS REO'D FOR BOTH NEW & EX PARTITIONS SHOWN RATED DROVIDE FIRE.	
	STOPPING AT TOP OF WALL AND AT BOTH NEW & EX PENETRATIONS	
19	AT ANY LOCATIONS W/LPROJECT AREA WHERE EX ACT CLGS ARE TO REMAIN CONTRACTOR TO REPLACE	
10.	ANY DISCOLOURED OR DAMAGED THE TO MATCH EX. REPLACE ANY DAMAGED GRID TO MATCH EX. AND	
	PAINT ENTIRE EXPOSED SURFACE OF GRID	
	NOTE THAT SCOPE OF MECH WORK MAY MEAN THERE WILL BE REMOVALS & INSTALLATIONS OF CLG THES	

OLITION NOTES:

EX PARTITIONS/WALLS TO BE REMOVED ARE TO BE REMOVED TO U/S EX STRUCTURE ABOVE, UNLESS NOTED OTHERWISE. EX PARTITIONS/WALLS INCLUDE VARIOUS TYPES (GWB ON MTL STUD, CONC BLOCK, ETC); BIDDERS OF ALL DISCIPLINES ARE RESPONSIBLE TO AUDIT THE SITE DURING THE TENDER PERIOD TO DETERMINE FULL SCOPE OF DEMOLITION AND TO IDENTIFY EX ASSEMBLY TYPES; ALLOW FOR APPROPRIATE PROCEDURES FOR REMOVAL & FOR PATCH/REPAIR. MAKE GOOD ALL ADJACENT SURFACES AT EX ITEMS TO BE REMOVED. ALLOW FOR PATCH & REPAIR OF EX WALL, FLOOR, & CLG SURFACES FROM WHICH ITEMS ARE TO BE REMOVED.

IF REMOVAL OF WALL-MOUNTED EQUIPMENT/FINISHES RENDERS EX GWB/PLASTER UNUSABLE FOR FINISH SURFACE, REPLACE DAMAGED GWB AS REQ'D.

WHERE A NEW FLOOR FINISH IS INDICATED, REMOVAL OF EX ASSEMBLY IS REQ'D AS PART OF THE WORK. REMOVE ALL EX FLOORING TO EXTENT OF NEW FLOORING AS INDICATED, UNLESS NOTED OTHERWISE. AT ALL EX FLOORING TO BE REMOVED, REMOVE EX WALL BASE, FLOORING, & ASSOCIATED ADHESIVES. PATCH AND REPAIR AS REQ'D; MAKE WALL & FLOOR GOOD TO RECEIVE NEW FINISH. EX FLOORS INCLUDE VARIOUS TYPES (RSF, VCT, CARPET, TILE, TERRAZZO, ETC); BIDDERS OF ALL DISCIPLINES ARE RESPONSIBLE TO AUDIT THE SITE DURING THE TENDER PERIOD TO DETERMINE FULL SCOPE OF DEMOLITION AND TO IDENTIFY EX ASSEMBLY TYPES; ALLOW FOR APPROPRIATE PROCEDURES FOR REMOVAL & FOR PATCH/REPAIR.

INFILL EX CORE-HOLES BEING ABANDONED AS PART OF THE WORK, W/ CAST-IN-PLACE CONC PLUGS C/W FLARED TOPS, SECURED VIA MECHANICAL FASTENERS INTO THE ADJACENT CONC TO REMAIN. AT REMOVED PARTITIONS/WALLS, FLOOR-MOUNTED FIXTURES, ETC WHERE NEW FLOOR FINISH IS NOT REQ'D, PATCH/REPAIR &

PROVIDE FLOOR/BASE TO MATCH EX (TYP). AT REMOVED PARTITIONS/WALLS, FLOOR-MOUNTED FIXTURES, ETC WHERE NEW FLOOR FINISH IS REQ'D, PATCH/REPAIR & MAKE

GOOD FLOOR TO RECEIVE NEW FINISH. AT EX DOORS TO BE REMOVED, REMOVE EX DOOR, FRAMES, & ASSOCIATED HARDWARE (INCLUDING DISCONNECTION & REMOVAL OF ELECTRICAL/SECURITY DEVICES). STORE AT DESIGNATED LOCATION TO BE SELECTED ON-SITE BY OWNER. IF OWNER INDICATES THE

MATERIAL IS NOT TO BE RE-USED, CONTRACTOR IS RESPONSIBLE FOR DISPOSAL. ALLOW FOR REWORKING OF EX DOORS/FRAMES FOR NEW HARDWARE. WHERE DOORS ARE DESIGNATED "EX" IN DOOR & FRAME SCHEDULE, REWORK FOR ANY REQ'D REVISIONS AND/OR HARDWARE, OR SUPPLY NEW DOOR/FRAME AS NEEDED. EX HARDWARE (OPERATORS, ACTUATORS, HAND-SETS, PANIC BARS, ETC) TO BE REMOVED DUE TO REMOVAL OR RECONFIGURATION OF EX DOORS IS TO BE SALVAGED AND REUSED, STORED, OR DISPOSED OF AT OWNER'S DISCRETION. PROVIDE A DOCUMENT IDENTIFYING THE ITEM, MAKE/MODEL, AGE, & CONDITION OF SALVAGED HARDWARE FOR REVIEW BY OWNER/CONSULTANTS TO REDUCE THE NUMBER OF ITEMS TO BE SUPPLIED NEW. CONFIRM HOW TO PROCEED PRIOR TO ORDERING NEW HARDWARE. REMOVE & SALVAGE ALL WALL-MOUNTED FURNISHINGS, EQUIPMENT, & ACCESSORIES (DISPENSERS, LITERATURE RACKS, TACK-BOARDS, COAT HOOKS, ETC) & SIGNAGE WITHIN THE AREA OF WORK, PRIOR TO REMOVAL AND REFINISHING OF WALLS. STORE AT DESIGNATED LOCATION TO BE SELECTED ON-SITE BY OWNER. IF OWNER INDICATES THE MATERIAL IS NOT TO BE RE-USED, CONTRACTOR IS RESPONSIBLE FOR DISPOSAL. ALLOW FOR REINSTALLATION OF ITEMS AS INDICATED BY OWNER. REMOVE & SALVAGE EX ACT (INCL CROSS TEES) WHERE INDICATED. STORE AT DESIGNATED LOCATION TO BE SELECTED ON-SITE BY OWNER. IF OWNER INDICATES THE MATERIAL IS NOT TO BE RE-USED, CONTRACTOR IS RESPONSIBLE FOR DISPOSAL. COORDINATE ALL DEMOLITION WITH GENERAL CONTRACTOR. EVERY EFFORT HAS BEEN MADE TO OUTLINE THE SCOPE OF DEMOLITION WORK; HOWEVER, THE DEMOLITION DRAWINGS REPRESENT ONLY THE GENERAL LOCATION AND NUMBER OF FITTINGS, FIXTURES, DEVICES, EQUIPMENT, ETC TO ASSIST IN EVALUATING THE SCOPE OF DEMOLITION WORK.IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE DURING THE TENDER PERIOD TO DETERMINE THE EXACT SCOPE OF DEMOLITION WORK AND THOROUGHLY UNDERSTAND THE SITE CONDITIONS FOR CARRYING OUT THE SAME. REQUESTS FOR EXTRAS DUE TO FAILURE TO PROPERLY EVALUATE THE CONDITIONS THAT AFFECT SCOPE OF DEMOLITION WORK WILL NOT BE CONSIDERED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXTENT OF ANY ASBESTOS REMOVAL & REMEDIATION REQ'D AS PART OF THE WORK. IN THE EVENT THAT ASBESTOS IS ENCOUNTERED DURING THE COURSE OF THE CONTRACT WORK, THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE OWNER AND CONFORM TO THE REQUIREMENTS OF FEDERAL & PROVINCIAL AUTHORITIES.

UPON COMPLETION OF DEMOLITION WORK, CONTRACTOR TO EVALUATE EXISTING SITE CONDITIONS AND NOTIFY ARCHITECT & OWNER OF ANY VARIANCES TO WHAT IS SHOWN IN THE DRAWINGS PRIOR TO COMMENCEMENT OF CONSTRUCTION WORK. WHERE A NEW CLG FINISH OR HT IS INDICATED, REMOVAL OF EX ASSEMBLY IS REQ'D AS PART OF THE WORK. REMOVE ALL EX CLGS TO EXTENT OF NEW FLOORING AS INDICATED.

EX CLGS INCLUDE VARIOUS TYPES (ACT, GWB, ETC). BIDDERS OF ALL DISCIPLINES ARE RESPONSIBLE TO AUDIT THE SITE DURING THE TENDER PERIOD TO DETERMINE FULL SCOPE OF DEMOLITION AND TO IDENTIFY EX ASSEMBLY TYPES; ALLOW FOR APPROPRIATE PROCEDURES FOR REMOVAL & FOR PATCH/REPAIR.

AT EX CLGS TO REMAIN, CONTRACTOR MAY LEAVE IN PLACE OR REMOVE & REINSTATE AS SITE CONDITIONS & EXTENT OF OTHER PROJECT WORK (E.G., M&E SCOPE) PERMITS. ALLOW FOR ASSOCIATED COSTS AS APPLICABLE. WHEN REMOVING EX WALL AND ROOF ASSEMBLIES, PATCH & MAKE GOOD ADJACENT INSUL & AVB, AND PREPARE FOR TIE-IN TO NEW ASSEMBLIES.

REFER TO M&E DEMOLITION DRAWINGS AND ALLOW FOR PATCH & REPAIR OF EX WALL ASSEMBLIES IN ACCORDANCE W/ PIPING & CONDUIT REMOVALS (E.G., HYDRONIC PIPING). ROUTING SHOWN FOR EX SERVICES IS APPROX ONLY.

		Data Ma	trix —	2012	Ontario	n Build	ing Co	de · F	Part 3 &	- 11		OBC Ref	erence
ltem			IIIX –	2012	Uniun	5 Buna	ing coo					References are to Divis [A] for Division A or	sion B unless r [C] for Divisior
1.	Project	Descriptio	n: 🗌 Nev	w 🗌 Ad	ldition	Alterat	ion 🗆 CI	hange (of Use			1.1.2.[A]	
	Age (years) <u>15</u>	54									1.1.1	
	Additi	ons 🗖 Yes	🗌 No	Ag	ge (years)_N/A_	W	ill Be A	Affected 🗌	Yes [] No	1.1.1 & 1.3	5.2.
2.	Major ()ccupancy((s)										
	Area	of Work	Exis	sting <u>GR</u>	ROUP A2		P	roposec	<u>GROUP</u>	A2		3.1.2.1.(1)	
	Adjac Othor	ency	Exis Evi	sting <u>N</u> /	/ <u>A</u>			Locatod	alsowborg	in h	ulding)		
	Orner		EXIS	sting <u>N</u>	Ά		(elsewhere	e in pl		- - T 11 2 1 1 /	
	Hazar	ruchon in d Index	Lex Exis Exis	sting <u>0</u> sting 0			r	Propose	d <u>0</u>			T 11.2.1.1.E	3—N
	■Not A	pplicable	(no cha	nge in	major od	ccupancy	/)	I					
3.	Alteratio	on to	Bas	ic Renov	vation							11.3.3.1	
	Existing	Building	is Exte	ensive R	enovatior	1		<u> </u>				11.3.3.2	
4.	Reducti Perform	on in 1ance Leve	el By	ictural: Increase	in Occu	upant Lo	ad: 🗆 Y	′es ∐l ′es ∏l	No No			11.4.2.1	
			By Plur	Change nbing:	in Major	Occupa	incy: 🗌 Y 🗌 Y	′es □I ′es □I	No No			11.4.2.3	
			Sew	age Sys	stem:		<u> </u>	′es □I	No			11.4.2.5	
5.	Comper	nsating		N/A			ΠY	′es □I	No			11.4.3	
		chon		<u>N/A</u>									
б.	Complie Alternat	ance ives Propo	osed	∐ Yes	s 🔳 No	<u>N</u>	Α					11.5.1	
7.	Alternat	ive Measu	res	🗌 Yes	s 📕 No	N /	Ά					+	
	Propose	ed										 	
8.	Building	g Area (m	²) Exi	isting <u>1</u>	,230 SM	New <u>0</u>		Area of	Work <u>N</u>	/A		1.4.1.2 [A]	
9.	Gross F	loor Area	(m²)Ex	isting <u>N</u>	<u>/A</u>	New <u>0</u>		Area of	Work <u>N</u>	<u>/A</u>		1.4.1.2 [A]	0 7 7
10.	Number	r of Store	ys Ab	ove gra	de <u>2</u>		A	Area of	Work <u>N</u>	/Α		1.4.1.2 [A]	& 3.2.1.1
			De He	iaht (m [°]) 243								
11.	Number	r of Street	s/Fire f	ighter A	Access 2							3.2.2.10 &	3.2.5
12.	Building	g Classific	ation Exi	sting bu	 uilding c	an not	be class	sified a	cording to	– o artic	le 3.2	.2. 3.2.2.20–83	
13.	Sprinkle	er System	Propose	ed	· · · ·	e	ntire buil	ding				3.2.2.20-83	, ,
	Fxisting	u building	is not			🗌 s	elected c	omparti	ments				
	sprinkle	ed	13 1101			🗌 s	elected f	loor are	eas				
						□ b	asement	□ in	lieu of roo	of ratii	ng		
1.4	Ctaurda:	D	1				of requir	ed					
14.	Fire Alc	rm Require	red			ı	es 🗆 No	Fristi	ina sinale	fire o	larm	system 1	
16.	Water S	Service/Su	sa sa	Adequat	e	 Y	es 🗌 No)				3.2.5.7	
17.	High B	uilding				□ Y	es 🔳 No)				3.2.6	
18.	Permitt	ed Constru	uction	Cor	nbustible		on Comt	oustible	B oth			3.2.2.20-83	,
10	Propose	ed Constru	ction		nbustible		on Comb	oustible	Both	1.		7 0 1 1 (7)	
20.		nt Load B	ased on	$\Box m^2$	<u>N/A</u>		<u>A</u> ' esian of	building	<u>work N</u>	<u>/ A</u>		3.2.1.1.(3)	
201	0000000		ccupand		Area (m ²	²) N/A	Rate (r	m^2/p)	∍ N ∕ A Load	N/A D	bersons	\$	
		F	loor IEv	rel/Area) 0.c.ur	y <u>ny n</u>	ne R	ased Ou	n Occur	nant la	hno	3.8	
					00001	, sano, i	P0 D.		(Pers	ons)	500	3.3.1.2 & 3	5.3.1.19
		-	Ground	Floor	A2		<u> </u>	kit widtl	h included sanc a	d in ca <u>lc</u> nd balc	for	3.2.2.208	3 & 3.2.1
		-	Sanctua	ry	A2		<u> </u>	<u>kit widt</u>	<u>h 690</u>				
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22.	Hazard	ous Subst	ances	Yes	s 🗌 No							<u> </u>	
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NOTE:

AREA OF DEMOLIT LEVEL: 475m2. ARI GIVEN ONLY FOR REFERENCE ONLY CONSTRUCTOR IS VERIFY THEIR OW CALCULATION FOR RELIANCE.

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S TO	EXTENT BUT NOT LIMITED AREA OF WORK BY MECHANICAL	
DR	PIPING. CONTRACTOR TO CO-ORDINATE WITH MECHANICAL DRAWINGS. CONTRACTOR TO COORDINATE IMPACT TO EXISTING CEILINGS, REMOVE AND STORE AND SAVE FOR REINSTALLATION	
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	D1 REMOVE EX PARTITION(S) C/W ATTACHED AND/OR EMBEDDED SERVICES, DOORS, FRAMES, GLAZING AND ASSOCIATED HARDWARE. COORDINATE W/ MECHANICAL AND ELECTRICAL FOR PROPER DISCONNECTION AND CAPPING OF SERVICES. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS. PATCH & REPAIR FLOOR WHERE WALL REMOVED. MATCH ADJACENT FLOOR SURFACES. 22 REMOVE MILLWORK C/W ALL MECHANICAL AND ELECTRICAL FIXTURES AND RECEPTACLES. CO- ORDINATE WITH MECHANICAL AND ELECTRICAL FOR PROPER DISCONNECTION AND CAPPING OF SERVICES. CO-ORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS	1 ISSUED FOR PERMIT - SANCT. FLR. 03/18/202 No. DESCRIPTION DATE REVISIONS: DISC REPANCIES MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT BEFORE PROCEEDING. ONLY FIGURED DIMENSIONS MUST BE USED. THE CONTRACTOR MUST CHECK THE DIMENSIONS ON SITE. THE DRAWING IS PROTECTED BY COPYRIGHT.
	D3 REMOVE EX DOOR AND INFILL OPENING D4 CREATE OPENING FOR NEW DOOR - REFER TO DOOR	ALL DIMENSIONS ARE SHOWN IN MILLIMETERS.
	SCHEDULE D5 EXISTING PLASTER CEILING IS ACTING AS THE	mc Callum Sather
	EXISTING FIRE BARRIER. ONCE REMOVED AS A RESULT OF ABATEMENT, INSTALL NEW '16mm TYPE X' GWB CEILING	Westinghouse HQ, 2 nd Floor 286 Sanford Ave. N. Hamilton, ON L8L 6A1 905 526 6700
	D6 REMOVE AND DISPOSE OF EXISTING CEILING TILE AND GRID	ASSOC
	D7 DEMO WALL AND ASSOCIATED MILLWORK	JAMES HETTINGER LICENCE 5222
		C ONSULTANTS:
		PROJECT: NEW VISION CHURCH
		24 MAIN ST. W. HAMILTON ON L8P 1H2
		DRAWING TITLE: REFLECTED CEILING PLAN - GROUND FLOOR DEMO
		DRAWN BY: DATE: Autor 03/09/22
		CHECKED BY: Verificador Como indicado
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A. GI	ENERAL NOTE	ES	7. <u>Steel Deck</u>
1.	Genera		7.1. Steel deck is designed/intended to provide diaphragm action to resist lateral loads.
	1.1.	Check all dimensions on Structural Drawings with the Architectural Drawings and with existing conditions on site. Report any inconsistencies before proceeding with the work. DO NOT scale these drawings.	7.2. Weld steel deck to supports at all bearing points with 20mm diameter fusion welds in alternate flutes, unless noted otherwise. At bearing, place one weld at each side of all male-female side laps. Make end laps over s less than 50mm.
	1.2.	I.D sections on the drawings reter to Typical Detail Sheets. They show structural intent rather than actual conditions for this project.	7.3. Connect side laps by welding, fastening, or mechanically interlocking at not more than 600mm centers, unless noted otherwise. Where angles are parallel to deck flutes, weld deck to perimeter angles with 20mm diam welds at 600mm on center, unless noted otherwise.
	1.4.	All dimensions are in millimeters, unless otherwise noted.	7.4. Paint all deck welds with zinc rich paint where deck will not receive concrete.
	1.5.	Independent Inspection and Testing: The Consultant will appoint an independent inspection and testing agency. The cost of inspection shall be paid by the Owner. Work will be inspected as required by the Consultant to	7.5. Deck units to be continuous over three spans unless noted otherwise.
	16	determine conformance to the drawings and specifications.	7.6. Provide angles to support edges of deck and provide closure strips as required for all unsupported flute edges. Where deck flute is cut so that it does not bear on structural steel supports, provide additional steel deck support framing welded to main steel framing
	1.0.	and the design and execution of construction methods required in their use.	8. <u>Timber</u>
	1.7.	The use of these drawings shall be strictly limited to the instructions in the revision block. Building from these drawings shall proceed only when "ISSUED FOR CONSTRUCTION".	8.1. Carpentry to be done in accordance with the Ontario Building Code 2012 and CSA O86-14.
	1.8.	The scope of the work depends on the site conditions. Notify the Consultant where on-site conditions may require modifications to the contract documents.	8.2. Joist hangers where required, must be galvanized saddle type only, nailed as per the manufacturer's recommendations to develop full capacity of hanger.
	1.9.	structure.	8.3. Do not splice built-up beams or columns.
	1.10.	Before all excavation, the contractor must verify the existence of Public Utility or other underground services and their elevations. The contractor is responsible for diverting or relocating of conduits, water, sewer or power lines which interfere with the execution of the works and obtaining the authorization of the proper organization.	8.4. All nailing of framing to conform to table 9.23.3.4 of Part 9 of the Ontario Building Code 2012.
	1.11.	Installation of all post-installed anchors to be in conformance with manufacturer's directions, including but not limited to: dill bit size and type, hole cleaning, temperature, curing, and torque.	B. MATERIAL AND DESIGN DATA
	1.12.	Design and Construction to be in accordance with the Ontario Building Code 2012.	 An loads shown on drawings are unractored service loads in kN and kN/m² unless otherwise noted. 2 Footing design bearing pressure: 200 kN/m² (ULS) 150 kN/m² (SLS)
	1.13.	Design and Construct guards and handrails in accordance with the Ontario Building Code 2012.	No geotechnical report has been prepared in advance of this project. Allowable soil bearing pressure shall be confirmed by a Geotechnical Engineer prior to footing construction.
2.	Founda		3. Concrete: to CSA A23.1-14. 28d Compressive Class of Concrete Flower Trues
	2.1.	required to provide a minimum of 1.2m frost protection, below exterior finished grades.	a) Footings and Slabs on Grade: 25 N b) Lean Mix: 5 N
	2.2.	Bearing pressures to be verified in writing in the field by a Geotechnical Engineer registered in the Province of Ontario prior to placing concrete.	c) Elements not listed above: 25 N
	2.3.	Protect footings, walls, slabs on grade and adjacent soil against freezing and frost action at all times during construction.	4. Reinforcing steel: to CSA G30.18-09, Grade 400. Wire fabric reinforcement: to ASTM A1064-15.
	2.4.	Center footings, piers, and belical piles under centroid of columns unless otherwise noted	5. Structural steel: to CSA G40.20/G40.21-13, except as noted otherwise: a) Rolled shapes and plates: Grade 300W (f/v=300 MPa)
	2.6.	Do not backfill against walls retaining earth until elements providing lateral support are completed. Place backfill simultaneously on both sides of other walls below grade.	except WWF sections and rolled W sections: Grade 350W (f/y=350 MPa) b) Hollow structural sections: Grade 350W (f/y=350 MPa)
	2.7.	All helical piles to be hot-dipped galvanized.	c) Fasteners: ASTM F3125(M)-15a, Grade A325(M) (min. f/u=827 MPa) d) Anchor rods (for cast-in applications only): ASTM A36 (f/y=248 MPa, f/u=400 MPa) [Grade 300W (f/y=300 MPa, f/u=450 MPa)]
	2.8.	Helical piles to be designed by a suitable qualified Registered Professional Engineer, licensed to practice in the Province of Ontario for the loads indicated on the drawings. Submit Helical Pile Shop Drawings for review by	e) Anchor rods (for adhesive/epoxy applications): ISO 898, Class 5.8 (f/y=400 MPa, f/u=500 MPa) Above materials apply unless noted otherwise on drawings or in specifications.
		design calculations upon request. Submit certification letter upon completion of pile installation, indicating that installed piles will support the loads indicated. Shop drawings and certification letter to be sealed by a Professional Engineer. Incensed to practice in the Province of Ontario.	 6. Welding: to CSA W59-13. a) Welding electrodes: E49XX (or E70XX imperial) except as otherwise specified in Contractor submittals.
	2.9.	Acceptable Helical Pile manufacturer/installer: EBS Geostructural. Alternatives are subject to review by Consultant.	7. Masonry materials:
3.	<u>Cast-in</u>	n-Place Concrete	a) Load bearing block: to CSA A165 Series-14 Weight: Lightweight Normal weight Hall and A1/267/04/1/165/04/1/165/04/04/165/04/04
	3.1.	All concrete formwork and reinforcing steel work must be done in accordance with CSA A23.1-14/A23.2-14.	Bolid: S/2175/B/M (B/15/C/M) S/2175/A/M (S/15/A/M) b) Mortar: to CSA A179-14
	3.2.	Bars marked continuous shall be developed by Class B tension lap where spliced.	b)a) Below grade mortar: Type S unless noted otherwise b)b) Above grade mortar: Type N unless noted otherwise
	3.3.	The minimum clear concrete cover for steel reinforcement, unless noted on drawings, shall conform to Clause 6.6.6., and Table 17 of CSA A23.1-14/A23.2-14.	c) Grout: to CSA A179-14 c)a) Compressive strength of grout to be in accorance with Table 7.
	3.4.	contractor shall houry the Consultant, not less than 24 hours before placing concrete, when the reinforcing steel and formwork are ready for inspection. Do not close forms until the reinforcement has been reviewed. The contractor must give notice to the Testing Laboratory to ensure the presence of their representative for each concrete pour.	 a) Connectors For Masonry: to CSA-A370-14 e) Masonry Construction For Buildings: to CSA-A371-14
	3.5.	Read reinforcing steel size as if M post script were included.	 9. Structural lumber to be grade marked to conform to CSA O141-05. a) Species Group: S-P-F
	3.6.	Refer to Architectural documents for any specific finishes on exposed concrete surfaces.	 b) Grade: No.1 / No. 2 c) Joist hangers and framing anchors shall be as manufactured by Simpson Strong-Tie or an approved equivalent.
	3.7.	Submit electronic copy (PDF) of bar lists and placing diagrams to Consultant to review prior to fabrication of reinforcing steel. Draw diagrams to a scale of not less than 1:50. Review of shop drawings is a precaution against oversight or error. It is not a detailed check and shall not be construed as relieving the Contractor of responsibility for making the work accurate and in conformity with the Contract Documents. Maintain a set of reviewed drawings is a precaution against drawings on site.	10. Design Loads:
	3.8.	Independent Inspection and Testing: The Consultant will appoint an independent inspection and testing agency to undertake concrete strength tests. The cost of testing shall be paid by the Owner. Laboratory curing and testing	a)a) Dead Load: 2.26 kN/m ² a)a)a) The above load includes existing fixed seating, existing floor joists, and is increased by a factor of 1.15 to account for a balcony slope of up to 30°, projected onto the horizontal.
		of samples will be carried out in accordance with CSA A23.1-14/A23.2-14 except that strength tests, including air entrainment and slump tests, will be required for each 50 m ³ , but not less than one test, for each class of concrete placed each day. Provide a group of three cylinders for each standard strength test. One specimen will be tested at 7 days and two at 28 days. Provide one additional field cured cylinder for testing at 7 days when concrete is	a)a)b) A supplementary line load of 1.66 kN/m is carried along the interior perimeter of the mezzanine, to account for the existing framing and new glazing. a)a)c) Partition loads are not included. It is understood that no partitions are planned to be installed in this space.
		placed under cold weather conditions. Results will be on the form conforming to CSA A23.2-14, Annex B, stating the location of concrete to which tests relate and with comments on abnormal results and conditions, and will be reported to the Owner with copies to the Prime Consultant, Structural Engineer, the Contractor, and the Municipal Authorities.	a)b) Live Load: 2.4 kN/m ² a)b)a) The design mezzanine live load is unchanged from previous use case, as it retains fixed seating. Note that a design check of existing mezzanine framing was NOT completed. The mezzanine exhibits no evidence discretisfectory pact performance for a prosumed biotectical live load of 2.4 kPa. It is understood that the future use of the space will be similar in patture.
4.	Precas	st Concrete	b) Level 3 - New Elevator Area Roof b)a) Dead Load: 1.20 kN/m ²
	4.1.	Make modifications to existing precast concrete panels only following the installation of new supporting elements.	b)b) Live Load: 1.0 kN/m² b)c) Snow Load: 1.28 kN/m² plus accumulations as indicated, at exterior areas.
	4.2. 4.3	Where a precast panel is to be cut across its width, extend the cut for the full width of the panel, such that there is a full width joint supported on new framing below.	c) Level 2 - EX. Sanctuary c)a) Dead Load: 1.56 kN/m ² c)a)a) The above load includes floor joists, but not existing beams, which were calculated senarately
	1.0.		c)a)b) Partition loads are not included. It is understood that no partitions are planned to be installed in this space. c)b) Live Load: 4.8 kN/m ²
5.	<u>Mason</u>		 b)b)a) The fixed seating has been removed at the sanctuary floor, and it is understood that this area will become an assembly space. d) Level 2 - New Elevator Area
	5.1.	Design and testing of concrete block masonry to conform to CSA-5304.1-14.	d)a) Dead Load: 4.66 KN/m² d)b) Live Load: 4.8 kN/m² d)c) Show Load: 1.28 kN/m² plus accumulations as indicated, at exterior areas
	5.3.	Unless otherwise shown on the Drawings, provide lintels over all openings in masonry walls (running bond only) as follows:	e) Wind Loads: New Elevator Area Walls e)a) p _{SLS} = -0.53, +0.56 kN/m ² , where positive pressure is acting inward
	5.3.1	For walls requiring channel block lintels, fill two courses solid with 15MPa concrete grout 400mm depth, reinforced with 1-10M T&B for each100mm of wall thickness or portion thereof for openings up to 1200mm wide. Between 1200mm and 1800mm, use 1-15M as above.	e)b) p _{ULS} = -0.71, +0.74 kN/m², where positive pressure is acting inward e)c) The above loads are based on a Category 2 interior pressure condition.
	5.3.2	2. For waits requiring structural steel lintels, use I-L90x90x8 for each 100mm of wall thickness for openings up to 1200mm wide. Between 1200mm and 1800mm, use I-L125x90x8 as above. Provide 150min bearing for all such lintels, unless otherwise noted. For location of lintels see Architectural, mechanical, electrical and structural drawings.	C. CODES AND STANDARDS
	5.4.	All beams shall have a minimum bearing of 200mm on walls, unless noted otherwise. Concrete slabs shall have a minimum bearing of 100mm on walls, unless noted otherwise.	1. Conform to requirements of the Ontario Building Code 2012 and The Occupational Health and Safety Act and Regulations for Construction Projects. (Latest Edition)
	5.5.	For new beams bearing on existing masonry, provide minimum 200mm bearing, unless noted otherwise, and construct concrete pocket as indicated on drawings.	2. Concrete Materials and Design: to CSA A23.1-14 and CSA A23.3-14 Respectively.
	5.6.	See TD-MN for Reinforcing of Masonry Walls.	3. Concrete Testing: to CSA-A23.2-14.
	5.8.	Grout strength must not exceed the strength of Concrete Block Units.	 Concrete Construction: to CSA-A23.1-14. Masonry Design and Construction: to CSA S304 1-14 and CSA A371-14 Respectively
	5.9.	For low lift grouting, place grout in lifts not exceeding 1500mm.	6. Structural Steel Design, Fabrication and Erection: to CSA S16-14.
	5.10.	For high lift grouting, place grout in concrete on lifts not exceeding 3000mm, except where the total grout or concrete placement exceeds 3000mm, then place on lifts not exceeding 2000mm. Consolidate by vibration or puddling.	7. Light Gauge Structural Steel: to CSA S136-16.
	5.11.	Provide clean out openings at the bottom of each lift for all cores being filled. The inside of these cores are to be free of all debris or obstructions.	8. Welding: to CSA Standards W59-13, S16-14, and W47.1-09 (R2014).
	5.12.	Provide bond beams in all block walls at roof and floor levels. Construct as detailed on building sections. Reinforce as TD-MN unless otherwise noted.	9. Primer Paint: to CAN/CGSB 1.40-97.
	5.13.	Provide vertical control joints spaced at 7500mm maximum.	10. Wood Construction: to CSA 086-14.
6.	Structu	ural Steel	11. Lumber: to CSA 0141-05.
	6.1.	Structural Steel Shapes are shown in the metric designation, except Existing Historic Structural Steel Shapes, which may be shown in their original imperial designation.	 Wood Frame Construction: to the Ontario Building Code 2012, Parts 4 and 9, unless otherwise noted on the drawings.
	6.2.	Erect steel in accordance with CSA S16-14 and CSA-S136-16.	
	6.4.	Beam splices as shown are bolted shear connections.	D DESIGN AND DETAIL ING CRITERIA FOR SUPPLIERS
	6.5.	Provide 10mm plate stiffeners each side of beam where continuous over supports and on one side of beam at all bearing conditions, unless noted otherwise.	Cold Formed Steel Studs
	6.6.	Do not splice material without the written approval of the Consultant. Where granted additional inspection will be required and paid for by the Contractor.	Steel stud supplier to provide design and details for steel studs including all connection details. Shop drawings are to be submitted to consultant for review and must bear the signed stamp of a professional engineer liscensed in the prov
	6.7.	All new steel to be painted with two coats of shop primer.	Ontario. All steel stud construction must be inspected on site by the steel stud design engineer to ensure conformance with the shop drawings. Reports must be forwarded to the design consultants.
	6.8.	Touch up field welds, connections, abrasions to match the shop primer.	Seismic Bracing and Pipe Supports
	6.9.	Design connections to conform to CSA-S16-14 and the CISC Handbook of Steel Construction for the floor loading and/or reactions indicated on the drawings. Absent any other information, design for a factored capacity in kN equal to the beam depth in mm multiplied by 0.5. Design all splices and connections of tension or compression members for their full capacity, unless indicated otherwise. Arrange and pay for nondestructive testing of all	professional engineer liscensed in the province of Ontario. All bracing and support construction must be inspected on site by the design engineer to ensure conformance with the shop drawings. Reports must be forwarded to the design of
		anspective splices in columns, beams and joist components. All connections and details snall be designed by a suitable qualified Registered Professional Engineer licensed to practice in the Province of Ontario, whose stamp and signature shall be on the shop drawings.	Miscellaneous Metals and Steel Stairs
	6.10.	Submit electronic copy (PDF) of erection diagrams and shop fabrication details for review prior to fabrication. Review of shop drawings is a precaution against oversight or error. It is not a detailed check and shall not be construed as relieving the Contractor of responsibility for making the work accurate and in conformity with the Contract Documents. Maintain a set of reviewed drawings on site.	liscensed in the province of Ontario. All miscellaneous metal and steel stair construction must be inspected on site by the design engineer to ensure conformance with the shop drawings, Reports must be forwarded to the design consultation of the design engineer to ensure conformance with the shop drawings, Reports must be forwarded to the design consultation of the design engineer to ensure conformance with the shop drawings, Reports must be forwarded to the design consultation of the design engineer to ensure conformance with the shop drawings, Reports must be forwarded to the design consultation of the design engineer to ensure conformance with the shop drawings.
	6.11.	Independent Inspection and Testing: The Consultant will appoint an independent inspection and testing agency, certified by the Canadian Welding Bureau to CSA W178.1-14. The cost of inspection shall be paid by the Owner.	
	6 12	Provide mill tests, or other acceptable proof confirming that W-sections. WWF sections, and HSS sections are 350W grade steel prior to installation	
	6.13.	These drawings show welded connections to existing columns suspected to be of cast iron. Submit a welding procedure specific to this project, for review by the Consultant. Welding procedure to be sealed by a suitable qualified	
	6 1 1	This project calls for field welding and hot work in an existing wood-framed building. Hot work must be restricted to the first four hours of a given workdoy. The Contractor is responsible for more and mothed a for more thanks of a given workdoy.	
	U. 14.	and for site safety, and is to take all necessary precautions during hot work, including the provision of adequate fire watch after any hot work.	

side laps.	Make end	laps over	supports not

erimeter angles with 20mm diameter fusion

orts, provide additional steel deck edge

	CLIENT:
	New Vision UNITED CHURCH ARCHITECT:
	Westinghouse HQ, 2 nd Floor 286 Sanford Ave. N. Hamilton, ON L8L 6A1 905.526.6700
	CONSULTANT / ENGINEER:
	JOHIN G.
	& ASSOCIATES LTD. CONSULTING ENGINEERS www.jgcooke.com
	OTTAWA, ON 17 FITZTERALD RD., SUITE 200 K2H 9G1 (613) 226-8718 HAMILTON, ON 57-B JOHN ST., SUITE 2 L8N 2B9 (289) 228-3638
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ABBRE

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FRAMING PLAN - EX. SANCTUARY, ELEVATOR AREA LEVEL 2

1 S1.02

GENERAL NOTES:

ALL EXISTING AND HISTORIC FRAMING ON DRAWINGS IS TO BE CONFIRMED AND MUST BE REVIEWED PRIOR TO CONSTRUCTION COMMENCING

COLUMN SCHEDULE:

C1 =	EXISTING ROUND COLUMN, PRESUMED TO BE CAST IRON, ±102 DIA.
C2 =	EXISTING HSS127x127x4.8 COLUMN
C3 =	NEW HSS127x127x4.8
()	COLUMN IS ABOVE FRAMING ONLY (UP TO MEZZANINE LEVEL)
\bigcirc	COLUMN IS BELOW FRAMING
EX. RMC =	EXISTING REINFORCED CMU MASONRY COLUMN
RMC 1 =	REINFORCED CMU MASONRY COLUMN, 190x390, REINF. WITH 4-15M VERT (2 PER CELL), 6 DIA. STIRRUP @ 190 c/c

DRAWING NOTES

S02.1	TYPICAL NEW LATERAL BRACING FOR EX. STEEL BEAMS, AT ALL LOCATIONS INDICATED
S02.2	CONSULTANT TO REVIEW FINAL POSITIONING OF MASONRY OPENING LOCATION AND MASONRY CONDITION PRIOR TO CREATING OPENINGS, TO ENSURE NO IMPACT TO EX. BEAM BEARING
S02.3	C.O.S. THAT THIS BAY OF JOISTS BEARS ON INTERMEDIATE MASONRY WALL, ALL ALONG.
S02.4	13 Tk. PLYWOOD OVER EX. FLOOR DECK, APPLIED TO FULL EXTENT OF SANCTUARY FLOOR. (HATCH NOT SHOWN OVER FULL EXTENT FOR CLARITY)
S02.5	ARCHED OPENING BELOW. CONSULTANT TO CONFIRM CONDITION AND WHETHER ANY REPAIRS OR REINFORCING ARE REQUIRED PRIOR TO INSTALLING BEAM REINFORCING ABOVE.

WALL PLATE SCHEDULE



CLIENT:	
New Vision	
ARCHITECT:	
CallumSather	
Westinghouse HQ, 2 nd Floor	
Hamilton, ON L8L 6A1	
905.526.6700	
CONSULTANT / ENGINEER:	
JOHN G.	
& ASSOCIATES LTD.	
CONSULTING ENGINEERS	
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SHEET SIZE ARCH D (610mm x 914mm)

mcCallumSather

Date: April 12, 2022 Project #: 21126 Project Name: New Vision Music Hall Title: Abatement Phasing - Mechanical

The purpose of this letter is to describe the mechanical phasing plan that should be executed during abatement to align with the scope of work of the proposed renovations and maintain operations in the building.

<u>Plumbing</u>

• Based on the existing system layout and proposed renovations we do not see any requirement to phase plumbing work or anticipate major interferences with the existing plumbing system and abatement work.

HVAC

- Drawing #1 on plan M200 shows the proposed HVAC demolition plan for the ground floor. As there is no timetable as to when this proposed work will happen, the existing HVAC system shall remain in place until the client is ready to proceed with the proposed work in order to keep the facility operational during this time.
- Should HVAC equipment and ductwork need to be removed to facilitate the abatement we would recommend the following phasing plan in order to keep majority of the facility operational while work is ongoing.
 - o Phase #1- BLUE
 - o Phase #2 GREEN
 - o Phase #3 RED
 - Phase #4 ORANGE

<u>Hydronics</u>

• All existing hydronics running within the ground floor ceiling space are to remain in the proposed design. Therefore, any sections of hydronic piping that are required to be removed to facilitate abatement will need to be reinstated. This work should take place during the spring & summer and the system put back into operation by mid-October in time for the heating season.

Please do not hesitate to contact us should you have any questions, would like to discuss or require any further information.

Sincerely,

David Riley, P. Eng, PMP, LEED AP ^{BD+C} Associate, Mechanical Engineer

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ANY SECTIONS OF HYDRONIC PIPING REQUIRED TO BE REMOVED FOR ABATEMENT WOULD NEED TO BE REINSTATED. SYSTEM COULD BE DOWN THROUGH SPRING AND SUMMER BUT WOULD NEED TO OPERATIONAL BY MID-OCTOBER IN TIME FOR HEATING SEASON.

New Vision
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Project:	New Vision Music Hall – Abatement Phasing Electrical
Project No.:	199-054
Date:	April 12, 2022
Client:	MSA/ New Vision Music Hall

The purpose of this letter is to describe the electrical phasing plan and demolition requirements that should be executed before and during abatement of ground floor ceilings to align with the proposed scope of electrical renovations while still maintaining the facility in operation.

Lighting fixtures (recessed or surface), exit signs, and emergency lighting heads mounted within Ceilings to be removed:

- Refer to attached sketches ESK-01, ESK-02 and ESK-03, prior to any ground floor ceilings being removed for any abatement, all ceiling mounted light fixtures and emergency lighting fixtures throughout ground floor ceiling area scheduled for abatement are to be disconnected at source, circuits made safe, wiring pulled back to point of re-use (junction box in ceiling) and light fixtures removed, and stored in safe place for re-use.
- In some areas these ceiling removals will be part of the proposed demolition and renovations scope and shall be completed by the general and electrical contractor. All areas where ceilings are to be removed for abatement shall be the responsibility of the abatement contactor as stipulated in abatement scope contract, unless instructed otherwise by owner.

Fire alarm Devices, PA speakers, WI-FI antennas, A/V monitors, clocks, security sensors etc. located in Ceilings to be removed:

- Refer to attached sketches ESK-01, ESK-02 and ESK-03, prior to any ground floor ceilings being removed for any abatement, all ceiling mounted fire alarm smoke detectors, speakers, WI-FI antennas, A/V monitors, clocks, security motion sensors etc. throughout the ground floor ceiling area scheduled for abatement are to be disconnected at source, circuit made safe, wiring pulled back to point of re-use (junction box in ceiling) and device removed and stored in safe place for re-use.
- 4. In some areas these ceiling removals will be part of the proposed demolition and renovations scope and shall be completed by the general and electrical contractor. All areas where ceilings are to be removed for abatement shall be the responsibility of the abatement contactor as stipulated in abatement scope contract, unless instructed otherwise by owner.

5. For fire alarm device, the contractor removing the F/A devices shall engage a certified fire alarm contractor to bypass the various zones where the fire alarm detectors are being demolished.

Don't hesitate to call this office with any questions or concerns.

Regards Dominic Panetta | SEI - Seguin Engineering Inc.

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