

CIVIL:

## **DRAWING LIST**

ARC	HITECTURAL:
DWG#	DESCRIPTION
A0.1 A0.2 A0.2A A0.3 A1.1 A1.2 A1.3 A2.1 A2.1.2 A2.1.3 A2.2 A3.1 A3.2 A3.3 A3.4 A4.1 A4.1A A4.1B A4.2 A4.2A A4.2B A4.3 A4.3A A4.3B A4.4 A4.5 A6.1 A7.1 A7.2 A8.1 A7.2 A8.1 A7.2 A8.1 A7.2 A8.1 A7.2 A8.1 A7.2 A8.1 A7.2 A8.1 A7.2 A8.1 A7.2 A8.1 A7.2 A8.1 A7.2 A7.3 A7.4 A7.3 A7.4 A7.4 A7.4 A7.4 A7.4 A7.4 A7.4 A7.4	TITLE PAGE DWG, LIST, ABBR.'S, O.B.C. MATRIX CONSTRUCTION ASSEMBLIES LEVEL 1 - LIFE SAFETY PLAN SITE PLAN SITE PLAN DETAILS SITE PLAN DETAILS LEVEL 1 - FLOOR PLAN LEVEL 1 - DIMENSION FLOOR PLAN LEVEL 1 - DIMENSION FLOOR PLAN EVTERIOR ELEVATIONS EXTERIOR ELEVATIONS EXTERIOR ELEVATIONS EXTERIOR ELEVATIONS EXTERIOR ELEVATIONS BUILDING SECTIONS WALL SECTIONS WALL SECTIONS WALL SECTIONS BUILDING SECTION WALL SECTIONS BUILDING SECTION SECTION WALL SECTION SECTION BUILDING SECTION SECTIO

## CIVIL





McNAB / BRAESIDE 2508 RUSSETT DRIVE ARNPRIOR, ONTARIO K7S 3G8 T:613.623.5756

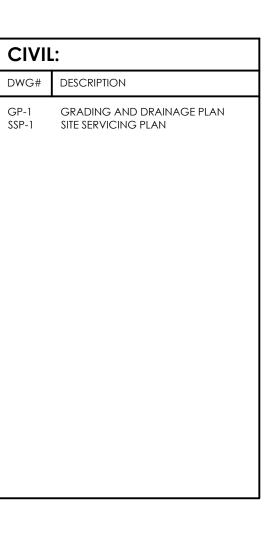
+VG ARCHITECTS 400 SLATER STREET OTTAWA, ONTARIO K1R 7S7 T:613.680.5557

ARCHITECTURAL

ARCHITECTS THE VENTIN GROUP LTD

DSEL T:613.836.0856 F:613.836.7183





MECHANICAL:					
ND,					
ABING 1					
ND FIRE					
MATICS					
rails					
d, notes					
d, notes					
d, notes Iting					
ITING					
ITING AN					

LAND	SCAPE:
DWG#	DESCRIPTION
L1-1 L1-2 L1-3 L3-1	LANDSCAPE PLANTING PI PLANTING PI DETAILS

## STRUCTURAL



120 IBER ROAD UNIT 103 STITTSVILLE, ONTARIO K2S 1E9



CUNLIFFE & ASSOCIATES 1737 WOODWARD DRIVE SUITE 102 OTTAWA, ONTARIO K2C 0P9 T:613-729-7242 F:613-728-1461

## **MECHANICAL / ELECTRICAL**

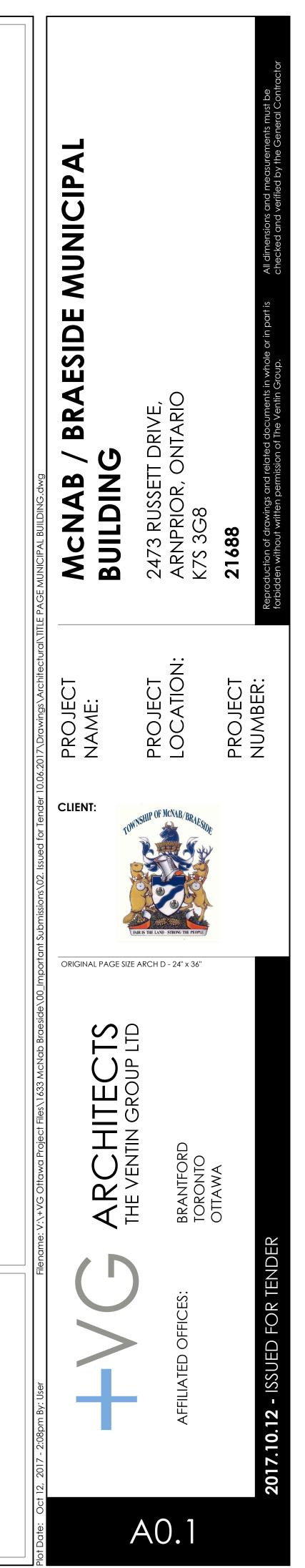


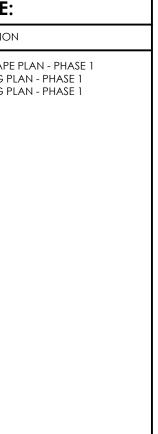
VANDERWESTEN RUTHERFORD ASSOCIATES 1130 MORRISON DRIVE OTTAWA, ONTARIO K2H 9N6 T:613.563.2100

## LANDSCAPE



SUITE 450 T:416.789.4530





GEOTECHNICAL:	

DWG# DESCRIPTION FIGURE 1 SEPTIC SYSTEM DESIGN PHASE 1

GEOTHERMAL: DWG# DESCRIPTION

GHX-1 GROUND HEAT EXCHANGER LAYOUT GHX-2 GROUND HEAT EXCHANGER DETAILS

FOTENN PLANNING + DESIGN 111 QUEEN ST. EAST, SOUTH BUILDING, TORONTO, ONTARIO M5C 1S2

## GEOTECHNICAL



HOULE CHEVRIER ENGINEERING 32 STEACIE DRIVE OTTAWA (KANATA), ONTARIO K1K 2A9 T:613.836.1422 F:613.836.9731

GENERA	L ABBREVIATIONS	M
A/F/F A.F.	- ABOVE FINISHED	AE AC
ADJ. ARCH.	- ADJUSTABLE - ARCHITECTURAL	A۱ A
BAR. BB	- BARRIER - BASKETBALL BACKSTOP	I⊼ AN
BD BF	- BOARD - BARRIER FREE	Al B
BFP BFS	- BACK FLOW PREVENTER - BADMINTON FLOOR SOCKET	B8 BF
B/N/C CBS	- BULL NOSE CORNER - CALL BUTTON STATION	C/ CE
CCJ CH	- COMPARTMENT CONTROL JOINT - CABINET HEATER	CE
CHB CH.TBL.	- CHALK BOARD - CHANGE TABLE	CE CC
CJ CM	- CONTROL JOINT - CONTROL MODULE	C( C(
COH COMP.	- COAT HOOK - COMPRESSIBLE	C(
CONT. CP	- CONTINUOUS - CONTROL PANEL	Е
CV C/W	- CONTROL VALVE - COMPLETE WITH	₽F
DBL.	-DOUBLE	E1 F
DC DF	- DROPPED CURB - DRINKING FOUNTAIN	F
DWG. DS	- DRAWING - RAIN WATER LEADER	GI
DIST. DISP.	- DISTANCE - DISPLAY CASE	GI GI
ECS	- EMERGENCY CALL SWITCH	G\ GI
ELEV. EPB	- ELEVATION - EMERGENCY PUSH BUTTON	GI HN
EW EX	- EYE WASH STATION - EXISTING	HA HE
EXP.	- EXPOSED	L/( LII
EXIST. FB	- EXISTING - FIRE BLANKET	LV LV
FD FDG	- FLOOR DRAIN - FOLD DOWN GRAB BAR	LX
FDTN. F/D/C	- FOUNDATION - FIRE DEPARTMENT CONNECTION	M/ M/
FEC	- FIRE EXT. CABINET	M M
FE FDG	- FIRE EXTINGUISHER - FOLD DOWN GRAB BAR	M NA
FLEX. FL	- FLEXIBLE - FLOOR	PE
FLRING. F/R/R	- FLOORING - FIRE RESISTANCE RATING	P
FS	- FOLD DOWN SHOWER SEAT	PF PL
FTG.'S F/V	- FOOTINGS - FIELD VERIFY	PL PL
GALV. GB	- GALVANIZED - GRAB BAR	PS P1
GD GEN	- GARBAGE DISPOSAL - GENERAL	PC Q
HB	- HOSE BIB	R RE
HD HDCP		RS S
ho Horiz.	- HOLD OPEN - HORIZONTAL	S/ S(
INSUL. KP	- INSULATION - KEY PAD	SF
L M / MIR	- LOCK - MIRROR	SC
MANUF. MAX.		SH S.
MECH. MIN.	- MECHANICAL - MINIMUM	SF ST
MS	- MOP SINK	ST
N/I/C NO.	- NOT IN CONTRACT - NUMBER	S/ S8
NTS O.H.	- NOT TO SCALE - OVER HANG	T TC
O.T.A	- OPEN TO ABOVE - PERIMETER / PERIMETERS	TE Te
PB	- POWER OPERATOR BUSH BUTTON	TE T.
PTD/D P/I/P	- POURED IN PLACE	Τl
	- PRE-FINISHED R - PRESERVATIVE TREATED	U VC
	- RECESSED CAB HEATER - REQUIRED	V( V(
R.C.P REINF.	- REFLECTED CEILING PLAN - REINFORCED	VF VF
REF.	- REFERENCE	W W
RD RM	- ROOF DRAIN - ROOM	
RWL SCD	- RAIN WATER LEADER - TOILET SEAT COVER DISPENSER	
SCH.'S SD	- SCHEDULES - SCUPPER DRAIN	
SH SHF	- SOAP HOLDER - SHELF	
SND SNV	- SANITARY NAPKIN DISPOSAL - SANITARY NAPKIN VENDING	
SPD	DISPENSER - SOAP DISPENSER	R
SPEC'D		CI
S/W	- SIDE WALK	CI C(
TB TC	- TACK BOARD - TEACHER'S CABINET/CLOSET	CC
THERM TM	- THERMAL - TILTED MIRROR	CT EL
TOB TPD	- TOWEL BAR - TOILET PAPER DISPENSER	EL EN
TYP.	- TYPICAL - UNDER CUT	E> E>
U/C U/S	- UNDER SIDE	GI IN
VAP. VERT.	- VAPOUR - VERTICAL	LA
VFS W/	- VOLLEYBALL FLOOR SOCKET - WITH	PF PF
WB W.C.	- WHITE BOARD/MARKER BOARD - WHEEL CHAIR	RI RI
WR	- WASTE RECEPTICLE	SH ST
/ %	- PER - PERCENT - AT	VE
@ O/C	- AT - ON CENTER	W
$\begin{pmatrix} 1 \\ A0.2 \end{pmatrix}$		
	0 100 200 500m	ım

	ABBREVIATIONS
AB ACT	- ARCHITECTURAL BLOCK - ACOUSTIC CEILING TILE
AWP	- ACOUSTIC WALL PANEL
A TAL	- ACOUSTIC TILE - ALUMINUM
AN	- ANODIZED
AN(C)	- ANODIZED COLOURED
B B&B	- BRICK - BOARD & BATTEN
BPG	- BACK PTD. GLASS
	- CARPET
CB	- CONCRETE BLOCK - CEMENT BOARD
	- CERAMIC TILE
CONC	- CONCRETE
C(H)	- HARDENED & SEALED CONC.
( )	- SEALED CONCRETE
C(P)	- HARDENED, SEALED &
Е	POLISHED CONCRETE - EXPANDED METAL
Ľ ₩P	- EPOXY PAINT & PRIMER
ESF	- EPOXY SEALED FLOORING
ET F	
FT	- FIRELITE GLAZING - FLOCKED TILE (CARPETING)
	- GYPSUM BOARD
GLB	- GLASS BLOCK
GLBL GL	- GLAZED BLOCK - GLAZING / GLASS
	- GEORGIAN WIRE GLAZING
GM GMT	- GYM MAT - GLASS MOSAIC TILE
HM	- HOLLOWMETAL
HARDWD. HDG	- HARDWOOD - HOT DIPPED GALV.
L/C/C	- LEAD COATED COPPER
LINO	- LINOLEUM
LVT	- LUXURY VINYL TILE
LVP LXG	- LUXURY VINYL PLANK - LEXAN GLAZING
MAR	- MARMOLEUM
MAS	- MASONITE
MS	- MASONRY
MTL MW	- METAL - MOVEABLE WALL SYSTEM
NAT.	- NATURAL - EXP.'D
PB	- PARTICLE BOARD
PC P / PTD.	- PRECAST CONC. - PAINTED
PF	- PREFINISHED
PL	- PLASTER
PLAM PLYWD.	- PLASTIC LAMINATE - PLYWOOD
PSP	- PIERCED STEEL PLANKING
PT	- PORCELAIN TILE
PQF QT	- PARQUET FLOORING - QUARRY TILE
R	- RUBBER
RB	- RUBBER BASE
RSF S	- RESILIENT SHEET FLOORING - STONE
SAFF	- SAFETY FLOORING
SC SF	- SPECIAL COATING
SG	- SPORTS FLOORING - LAMINATED SAFETY GLASS
SGL	- SPANDREL GLAZING
SHV	- SHEET VINYL FLOORING - SOLID SURFACE
S.S. SPC	- SOLID SURFACE - SPECIAL COATING
ST	- STUCCO
STL	- STEEL
	- STAINLESS STEEL
S&V T	- STAINED & VARNISHED - TEMPERED GLAZING/GLASS
TDG	- TEMPERED DOUBLE GLAZING/GLASS
TBB	- TILE BACKER BOARD
TECTUM TERR	- TECTUM ACOUSTIC PANEL - TERRAZZO
T.S.	- TOP SOIL
TURF	
U	- POLYURETHANE - VINYL COATED GYPSUM BOARD
VCGB VCP	- VINYL COATED GYPSOM BOARD - VENEER CORE PLYWOOD
VCT	- VINYL COMPOSITE TILE
VPF VR	- VINYL PLANK FLOORING - VENTED RUBBER BASE
WD	- WOOD
WP	- WATER PROOFING

ROOM N	AMES
CL CLR CONF CORR CTR ELEC ELEV ENG EX EXIST GUID INST LAB PRACT PRINC RECEIV RM	- CLASSROOM - COOLER - COMMUNICATION - CONFERENCE - CORRIDOR - CENTRE - ELECTRICAL - ELEVATOR - ENGINEER - EXISTING - GUIDANCE - INSTRUCTOR - LABORATORY - PRATICE - PRINCIPAL - RECEIVING - ROOM

SHWR - SHOWER STOR - STORAGE VEST - VESTIBULE VP - VICE PRINCIPAL WR - WASHROOM

BUILDING OB	C MATRIX				
FIRM NAME: +VG ARCHITECTS CERTIFICATE OF PRACTICE NUMBER: 3353 50 DALHOUSIE STREET, BRANTFORD, ONTARIO N3T 2H8 TEL (519) 754-1652 , FAX (519) 754-0830					
	THE ARCHITECTURAL FIRM NOTED A RESPONSIBLE CONTROL WITH RESP				
NAME & LOCATION	MCNAD / DKA	<b>ESIDE MUNICIPAL BUILDING</b> DRIVE, ARNPRIOR, CANAD			
PROJECT DES	CRIPTION:	2012 OBC, AMENDED JAN. 1ST, 2017			
(BUILDING USE?)					
MAJOR OCCUPANO	CY(s):	DIV. B - 3.1.2.1. (1)			
BUILDING AREA (m <sup>2</sup> )	) (FOOT PRINT):	DIV. A - 1.1.3.1 DIV. A - 1.4.1.2			
GROSS AREA:		DIV. A - 1.1.3.1 DIV. A - 1.4.1.2			
NUMBER OF STOREY	'S	DIV. B - 3.2.1.1 DIV. A - 1.4.1.2			
HEIGHT OF BUILDING	G(m):				
HIGH BUILDING:		DIV. B - 3.2.6.1			
NUMBER OF STREETS	/ ACCESS ROUTES:				
SPRINKLER SYSTEM P	PROPOSED:	DIV. B - 3.2.1.5			
SPRINKLER STSTENT	KOPOSED.	DIV. B - 3.2.1.3 DIV. B - 3.2.2.17 DIV. B - 3.2.2.2083			
STANDPIPE REQUIRE		DIV. B - 3.2.9.1			
FIRE ALARM REQUIR		DIV. B - 3.2.4.1			
WATER SERVICE/ SU PERMITTED CONSTR		DIV. B - 3.2.2.27			
ACTUAL CONSTRUC	CTION:				
MEZZANINE(S): TOTAL OCCUPANC	Y LOADING:				
1 STOREYS		DIV. B - 3.1.17.1(c)			
3 FOR FEMAL					
- OFFICES = 225 (	SQ.M) / 9.30 (SQ.M/PERSON) = <u>25 PERSO</u>	<u>2NC</u>			
PLUMBING FIXTURES	:	ASSEMBLY OCCUPANCY DIV. B - 3.7.4.3 (A) OFFICE SPACE DIV. B - 3.7.4.7. DIV. B - 3.7.4.2. TO DETERMINE OCCUPANT LOAD ( <u>14 SQ.M / PERSON</u> ) = 225 SQ.M /14 = <u>17 PERSONS</u>			

	ASSEMBLY OCCUPANCY DIV. B - 3.7.4.3 (A) OFFICE SPACE DIV. B - 3.7.4.7. DIV. B - 3.7.4.2. TO DETERMINE OCCUPANT LOAD ( <u>14 SQ.M / PERSON</u> ) = 225 SQ.M /14 = <u>17 PERSONS</u>
BARRIER-FREE DESIGN:	DIV. B - 3.8
hazardous substances:	DIV. A - 1.4.1.2
TRAVEL DISTANCE TO EGRESS & EXIT DOORS: (COORD. W/ LIFE SAFETY DWG.'S)	DIV. B - 3.3.1.5(1)(c) DIV. B - 3.3.1.5.A. DIV. B - 3.3.1.5 (2) DIV. B - 3.3.1.6 DIV. B - 3.4.2.5(1)(b) DIV. B - 3.4.2.3(1)(b)
FIRE EXTINGUISHERS:	DIV. B - 3.2.5.17

IG     DA, ON K7S 3G8       REMARKS       PART       INEW       ADDIDN       ALTERATION       CHANCE OF USE       GROUP D OFFICE       INEW:       769       MAIN FLOOR:       787       MAIN FLOOR:       101AL:       789       MAIN FLOOR:       101A:       789       101AL:       789       78000 CRADE:       11A       11A Dubling classifies a Group by perified to conform to Semeting 1 promoted to conform to Semeting 2 provided.       101 In bubbling classifies a Group by pe 2 storeys       Faming Fact of Semetines 10 permitted to conform to Semeting 1 and 100       11 A bubbling classifies a Group Dublic Scotthoru used singly on combinition and.       12 In bubbling referred to Semetines (11 permitted to be ad free-setatocon and. 1 ed combinatible continuction and. 1 ad combinatible continuction.       12 In Combination and.       13 Intel ULDING       BASEMENT ONLY       14 Red atimese atime at a min. ad						
DA, ON K7S 3G8          REMARKS         PART         ADDION         ALTERATION         CHANGE OF USE         GROUP D OFFICE         NEW:         ADDION         MAIN FLOOR:         TOTAL:         769         MAIN FLOOR:         N/A         MAIN FLOOR:         N/A         TOTAL:         769         MAIN FLOOR:         N/A         Sam (FIN. FLOOR TO U/S, HIGHEST ROOF DECK         YES         GROUP D, UP TO 2 STOREYS, FACING IS STREET, NOT MORE THAN 1000 m² AREA.         (I) A building classified a Group D is permitted to contom to Somewide classified a Group D up to 2 Storeys Dup to 2 Storeys Forming Port of Storeys 1 Storeys         Toming Port of Storeys 1 Storeys						
DA, ON K7S 3G8          REMARKS         PART         ADDION         ALTERATION         CHANGE OF USE         GROUP D OFFICE         NEW:         ADDION         MAIN FLOOR:         TOTAL:         769         MAIN FLOOR:         N/A         MAIN FLOOR:         N/A         TOTAL:         769         MAIN FLOOR:         N/A         Sam (FIN. FLOOR TO U/S, HIGHEST ROOF DECK         YES         GROUP D, UP TO 2 STOREYS, FACING IS STREET, NOT MORE THAN 1000 m² AREA.         (I) A building classified a Group D is permitted to contom to Somewide classified a Group D up to 2 Storeys Dup to 2 Storeys Forming Port of Storeys 1 Storeys         Toming Port of Storeys 1 Storeys						
DA, ON K7S 3G8          REMARKS         PART         ADDION         ALTERATION         CHANGE OF USE         GROUP D OFFICE         NEW:         ADDION         MAIN FLOOR:         TOTAL:         769         MAIN FLOOR:         N/A         MAIN FLOOR:         N/A         TOTAL:         769         MAIN FLOOR:         N/A         Sam (FIN. FLOOR TO U/S, HIGHEST ROOF DECK         YES         GROUP D, UP TO 2 STOREYS, FACING IS STREET, NOT MORE THAN 1000 m² AREA.         (I) A building classified a Group D is permitted to contom to Somewide classified a Group D up to 2 Storeys Dup to 2 Storeys Forming Port of Storeys 1 Storeys         Toming Port of Storeys 1 Storeys						
DA, ON K7S 3G8          REMARKS         PART         ADDION         ALTERATION         CHANGE OF USE         GROUP D OFFICE         NEW:         ADDION         MAIN FLOOR:         TOTAL:         769         MAIN FLOOR:         N/A         MAIN FLOOR:         N/A         TOTAL:         769         MAIN FLOOR:         N/A         Sam (FIN. FLOOR TO U/S, HIGHEST ROOF DECK         YES         GROUP D, UP TO 2 STOREYS, FACING IS STREET, NOT MORE THAN 1000 m² AREA.         (I) A building classified a Group D is permitted to contom to Somewide classified a Group D up to 2 Storeys Dup to 2 Storeys Forming Port of Storeys 1 Storeys         Toming Port of Storeys 1 Storeys						
REMARKS         PART         NEW         ADDITION         ALTERATION         CHANGE OF USE         GROUP D OFFICE         NEW:         TOTAL:         Z69         TOTAL:         Z69         TOTAL:         Z69         TOTAL:         Z69         TOTAL:         Z69         TOTAL:         Z69         MAIN FLOOR:         N/A         main FLOOR:         N/A         SECOND FLOOR:         N/A         main FLOOR:         N/A         Sam (FIN, FLOOR TO U/S, HIGHEST ROOF DECK         YES         NO         1 STREET REQUIRED         GROUP D, UP 10 2 STOREYS, FACING 1 STREET, NOT MORE THAN 1000 m² AREA.         (1) A building display of a Group 3 stress in building height, and (b) if has a building area for the stress in the rolation in able 32.2.55.         Maximum building area for a stress in building height, and (b) and than the data in able 32.2.55.         Maximum building area for a stress in building area for a stress in and a main able a stress in a stress i	G					
PART	-	8				
Image: Section of the section of t						
ALTERATION         CHANGE OF USE         GROUP D OFFICE         NEW:       769         MINI FLOOR:       769         SECOND ILCOR:       N/A         m <sup>2</sup> TOTAL:         ABOVE GRADE:       ISTOREY.         BELOW GRADE:       N/A         S35m (FIN. FLOOR TO U/S, HIGHEST ROOF DECK         YES       NO         1 STREET REQUIRED         GROUP D, UP TO 2 STOREYS, FACING 1 STREET, NOT MORE THAN 1000 m <sup>2</sup> AREA.         (1) A building double do Group D is permitted to conform to Senterce (2) provided.         (1) A building detailing lated, double do to 2 Storeys Forming Part of Datamece 2:225.11         Time Caluma 1       Column 3         Column 1       Column 3         Storeys       Storeys         YES       NO         (2) The building detate of this Astinuce of 11, backing the top: top: astinuce astinuce and top: astin						
GROUP D OFFICE         NEW:       769       m²         MAIN FLOOR:       769       m²         MAIN FLOOR:       N/A       m³         TOTAL:       769       m²         ABOVE CRADE:       ISTOREY.         BLOW GRADE:       N/A         S.35m (FIN. FLOOR TO U/S. HIGHEST ROOF DECK         YES       NO         1 STREET REQUIRED         GROUP D, UP TO 2 STOREYS, FACING I STREET, NOT MORE THAN 1000 m² AREA.         (1) A building classified as Group D is permitted to conform to sentence (2) provided.         (a) If is not more than 2 storeys in building height, and (b) If its a building area. Group D, up to 2 Storeys Forming Part of Sentence 3.2.3.5.(1)         Imm Column 1       Column 2       Column 3         Storey 3       Storey 3       Total 2       Total 3         3.2.2.35.       Table 3.2.2.5.(1)         Imm Column 1       Column 2       Column 4       Edites 3         Maximum Atea, m.       Storeys 5       Forcing 1       Forcing 2       Total 3         (b) Brod costruction, and       Indox as the shall be fits esparations and, if of combustible construction, and and brave a fits estationace rating indi.         (c) Indox as the shall be fits esparations and, if of combustible construction, and and est hinh, or (i) to e of noncombustible construction.						
NEW:       769       m²         MAIN FLOOR:       769       m²         MAIN FLOOR:       N/A       m²         THRD FLOOR:       N/A       m²         BOVE GRADE:       N/A       m²         TOTAL:       769       m²         ABOVE CRADE:       N/A       S.35m (FIN. FLOOR TO U/S. HIGHEST ROOF DECK         YES       NO         1 STREET REQUIRED       GROUP D, UP TO 2 STOREYS, FACING 1 STREET, NOT MORE THAN 1000 m² AREA.         (1) A building classified as Group D is permitted to conform to sentence (2) provided.       G(i) if is not more than 2 storeys in building height. and (b) if hos a building actor on the more than the value in Table 3.2.2.5.         Table 3.2.2.55.         Maximum Building Area, Group D, up to 2 Storeys Forcing 1         Forcing 1         Column 2         Column 3         Column 3         Column 2         Column 4         No. of       Maximum Area, m.         Street 3         Street 3         Street 3         Street 3         Street 3         Street 3         Streat 3      <						
MAIN FLOOR:       769       m²         MAIN FLOOR:       N/A       m²         SECOND FLOOR:       N/A       m²         TOTAL:       769       m²         ABOVE CRADE:       I STOREY.         BELOW GRADE:       N/A         S.35m (FIN, FLOOR TO U/S. HIGHEST ROOF DECK         YES       NO         I STREET REQUIRED         GROUP D, UP TO 2 STOREYS.         FACING 1 STREET, NOT MORE THAN 1000 m² AREA.         (I) A building clossified as Group D is permitted to conform to Sentence 10 provided.         (i) It is not more than 2 storeys in building height. and         (i) It is not more than 2 storeys in building height. and         (ii) It is not more than 2 storeys in building height. and         (ii) It is not more than 2 column 4         No. of       Maximum Building Area. Group 0. up to 2 Storeys in Tool 3.22.55.         Maximum Building Area. Group 0. up to 2 Storeys interest in a storey in the store 1 is permitted to be of combustible construction or on-combustible construction used singly or in combinetion. and.         (i) The building refered to in Sentence (i) is permitted to be of combustible construction.         (ii) Bor dischering with column is and criches supporting an asemby indic. column is column is and criches suporting indic. if			m²			
SECOND FLOOR:       N/A       m <sup>2</sup> THIRD FLOOR:       N/A       m <sup>2</sup> ABOVE GRADE:       1 STOREY.         BELOW GRADE:       N/A         S.35m (FIN, FLOOR TO U/S. HIGHEST ROOF DECK         YES       NO         1 STREET REQUIRED         GROUP D, UP TO 2 STOREYS.         FACING 1 STREET, NOT MORE THAN 1000 m <sup>2</sup> AREA.         (1) A building classified as Group D is permitted to conform to set (a) it is not more than 2 storeys in building height, and (b) it has a building area. Group D, up to 2 Storeys Forming Part of Serience 3.22.55.11)         Imm Golding area of the set (a) and th			m²			
TOTAL:       769       m²         ABOVE GRADE:       ISTOREY.         BELOW GRADE:       N/A         S.35m (FIN, FLOOR TO U/S. HIGHEST ROOF DECK         YES       NO         I STREET REQUIRED         GROUP D, UP TO 2 STOREYS.         FACING I STREET, NOT MORE THAN 1000 m² AREA.         (I) A building classified ac Group D is permitted to conform to selence (2) provided.         (D) If has a building area, Group D, up to 2 Storeys Forming Part of Sentence 3.2.2.55.         Maximum Building Area, Group D, up to 2 Storeys Forming Part of Sentence 3.2.2.51.(I)         Iem Column 1       Column 2         Column 1       Column 2         I. 1       1000         I. 2       800         I. 1       1000         I. 1       1000         I. 2       1000         I. 2       1000         I. 1       1000         I. 1       1000         I. 2       1000         I. 1       1000         I. 2       1000         I. 1       1000         I. 1       1000         I. 1       1000         I. 2       1000         I. 2       1000         I. 2       1000	SECOND FLOOR:	N/A	m²			
BELOW GRADE:       N/A         5.35m (FIN, FLOOR TO U/S, HIGHEST ROOF DECK         YES       NO         1 STREET REQUIRED         GROUP D, UP TO 2 STOREYS, FACING 1 STREET, NOT MORE THAN 1000 m <sup>2</sup> AREA.         (1) A building classified as Group D is permitted to conform to Sentence (2) provided.         (2) If is not more than 2 storeys in building height, and (b) If has a building area on the more than the value in Table 3.2.2.5.         Table 3.2.2.5.         Maximum Building Area, Group D, up to 2 Storeys Forming Part of Sentence 3.2.2.5.(1)         Ten Column 1       Column 3         Storeys       Facing 1         Storeys       Facing 2         10       1000         12       2         13       1000         12       1000         12       1000         13       1000         10       1200         10       1000         10       1000         11       1000         11       1000         12       2         12       1000         12       1000         12       1000         12       1000         11       1000         11		-				
YES       NO         1 STREET REQUIRED       GROUP D, UP TO 2 STOREYS, FACING 1 STREET, NOT MORE THAN 1000 m² AREA.         (1) A building classified as Group D is permitted to conform to Sentence (2) provided.       (1) A building classified as Group D is permitted to conform to Sentence 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2:			REY.			
1 STREET REQUIRED         GROUP D., UP TO 2 STOREYS,         FACING 1 STREET, NOT MORE THAN 1000 m² AREA.         (1) A building classified as Group D is permitted to contorm to Sentence (2) provided.         (1) A building classified as Group D. up to 2 Storeys         Forming Part of Sentence 3.22.55.         Maximum Rulating Area, Group D. up to 2 Storeys         Forming Part of Sentence 3.22.55.         Image: Column 1         Column 2         Column 3         Column 4         Storeys         Forcing 1         Facing 1         Storeys         (2) The building referred to in Sentence (1) is permitted to be of combustible construction or noncombustible construction used singly or in combination, and.         (a) Inder assembles shall be file separations and, if of combustible construction, and         (b) Iocabearing walls, columns and arches supporting an assembly required to have a file-resistance rating in a supporting an assembly required to have a file-resistance rating shall.         (f) Ibe of noncombustible construction.         ENTIFE BUILDING         BASEMENT ONLY         N IN LIEU OF ROOF RATING         NOT REQUIRED         YES       NO         (NO COMBUSTIBLE       BOTH         NON COMBUSTIBLE       BOTH         NON COMBUSTIBLE       BOTH <td></td> <td></td> <td>IGHEST ROO</td> <td>OF DECK</td>			IGHEST ROO	OF DECK		
GROUP D, UP TO 2 STOREYS, FACING 1 STREET, NOT MORE THAN 1000 m² AREA.         (1) A building classified as Group D is permitted to conform to Sentence (2) provided.         (a) It is ont more than 2 storeys in building height, and (b) It has a building area not more than the value in Table 3.2.2.55.         Table 3.2.2.55.         Maximum Building Area, Group D, up to 2 storeys Forming Part of Sentence 3.2.2.255. (1)         Imm       Column 1       Column 2       Column 3       Column 4         No. of Storeys       Facing 1       Facing 2       Facing 3         1       1       1000       1.200       1.200         2       2       a00       1000       1.200         (2) The building referred to in Sentence (1) is permitted to be of combustible construction ron concombustible construction used singly or in combination, and.       100         (1) Noor assemblies shall be fire separations and. if of combustible construction, shall have a fire-resistance rating shall.       10         (1) Noor assemblies shall be fire-separations and arches supporting an assembly required to have a fire-resistance rating shall.       110         (1) No REQUIRED       MO       Inter-seistance rating shall.         (2) No Combustible       Combustible construction.       110         (1) No cosemblies shall be fire-seistance rating shall.       110       110         (1) No REQUIRED	🗆 YES 🗹 N	0				
FACING 1 STREET, NOT MORE THAN 1000 m² AREA.         (1) A building clasified as Group D is permitted to conform to Sentence (2) provided.         (a) If is on more than 2 storeys in building height, and (b) If has a building area not more than the value in Table 3.2.2.5.         Table 3.2.2.55.         Maximum Building Area, Group D, up to 2 Storeys Forming Part of Sentence 3.2.2.55.(1)         Imm       Column 1       Column 3       Column 4         No. of       Maximum Area, m; Forcing 1       Storeys       Forcing 3         Storeys       Forcing 1       Forcing 2       Forcing 3         1.       1       1000       1.200       1.200         (2) The building referred to in Sentence (1) is permitted to be of combustible construction or nonombustible construction used singly or in combination, and.       (a) floor assembles shall be fire-resistance rating shall, (b) loadbearing waits, columns and arches supporting on assembly required to have a fire-resistance rating shall, (c) nour casellatore rating nol less than 45 min, or (f) be of noncombustible construction.         Imm       INO (NOT REQUIRED BUT PROVIDED)         Imm       NO (NOT REQUIRED BUT PROVIDED)         Imm       NON COMBUSTIBLE       BOTH         Imm       NON COMBUSTIBLE       BOTH         Intel NUMBER OF PERSONS FOR WHICH THE AREA IS DESIGNED. (In COUNCIL CHAMBER & LOBBY) (POSTED SIGN)       COUNCIL CHAMBER + LOBS         <	1 STREET REQUIRE	D				
Sentence (2) provided. (c) it is not more than 2 storeys in building height, and (b) it has a building area not more than the value in Table 3.2.2.5. Table 3.2.2.5. Table 3.2.2.5. Maximum Building Area, Group D, up to 2 Storeys Forming Perd of Sentence 2.2.2.5. (1) Item Column 1 Column 2 Column 3 Column 4 No. of Maximum Area, m: Storeys Forming Perd Sentence (1) is permitted to be of combustible construction or noncombustible construction used singly or in combination, and. (2) The building referred to in Sentence (1) is permitted to be of combustible construction, shall have a fire-resistance rating not less than 4 5 min, and (b) loadbearing walls, columns and arches supporting on assembly required to have a fire-resistance rating shall. (i) have a fire-resistance rating shall. (ii) have a fire-resistance rating shall. (iii) have a fire-resistance rating shall. (i) have a fire-resistance rating shall. (i) have a fire-resistance rating shall. (i) have a fire-resistance rating shall. (ii) have a fire-resistance rating shall. (ii) have a fire-resistance rating shall. (i) have a fire-resistance rating shall. (ii) have a fire-resistance rating shall. (iii) be of noncombustible construction. (iii) be of noncombustible construction. (iv) the prove the construction. (iv) the construction. (iv) the prove the construction. (iv) t			THAN 100	0 m² AREA.		
(c) If is not more than 2 storeys in building height, and         (b) If has a building area ont more than the value in Table 3.2.2.55.         Table 3.2.2.55.         Maximum Building Area, Group D, up to 2 Storeys Forming Part of Sentence 3.2.2.55.(1)         Item Column 1       Column 2       Column 3       Column 4         No. of       Maximum Area. m:       Image: Column 4       No. of         Street       Streets       Streets       Streets         1.       1       1.000       1.200       1.200         (2) The building referred to in Sentence (1) is permitted to be of combustible construction or noncombustible construction and.       (c) floor assembles shall be fire separations and, if of combustible construction, shall have a fire-resistance rating shall.         (c) floor assembles shall be fire-resistance rating shall.       (c) have a fire-resistance rating shall.         (d) have a fire-resistance rating shall.       (f) have a fire-resistance rating shall.         (f) have a fire-resistance rating shall.       (f) have a fire-resistance rating shall.         (f) have a fire-resistance rating shall.       (f) have a fire-resistance rating shall.         (f) have a fire-resistance rating shall.       (f) have a fire-resistance rating shall.         (f) have a fire-resistance rating shall.       (f) have a fire-resistance rating shall.         (f) have a fire-resistance rating shall. <td></td> <td></td> <td>) is permitted</td> <td>to conform to</td>			) is permitted	to conform to		
Table 3.2.5.5.         Maximum Building Area, Group D, up to 2 Storeys         Forming Part of Sentence 3.2.2.55.(1)         Image: Column 1         Column 1       Column 4         No. of       Storeys         Toring 1       Focing 2       Focing 3         1.1       1       1000       1200         (2) The building refered to in Sentence (1) is permitted to be of combustible construction or noncombustible construction used singly or in combinition. and.         (2) The building refered to in Sentence (1) is permitted to be of combustible construction, and         (b) Idoatbearing walls, columns and arches supporting on assemble shand 45 min, and         (b) Idoatbearing walls, columns and arches supporting on assemble shand 45 min, and         (b) Idoatbearing walls, columns and arches supporting on assemble shand 45 min, and         (b) Idoatbearing walls, columns and arches supporting on assemble shand 45 min, and         (b) Idoatbearing walls, columns and arches supporting on assemble shand 45 min, and         (b) Idoatbearing walls, columns and arches supporting on assemble shand 45 min, and         (b) Idoatbearing walls, columns and arches supporting on assemble shands min, and <td <="" colspan="2" td=""><td>(a) it is not mor</td><td>e than 2 store</td><td></td><td></td></td>	<td>(a) it is not mor</td> <td>e than 2 store</td> <td></td> <td></td>		(a) it is not mor	e than 2 store		
Forming Pair of Sentence 3.2.2.55.(1)         Item       Column 1       Column 3       Column 4         No. of       Maximum Area, m:       Facing 2       Facing 3         Street       Streets       Streets       Streets         (2)       1       1000       1250       1500         (2)       1       1000       1200       1200         (2)       1       1       1000       1200         (2)       1       1       1000       1200         (2)       1       1       1000       1200         (2)       1       1       1000       1200         (2)       1       1       1       1000       1200         (3)       1       1       1       1       1         (4)       1       1       1       1       1         (5)       1       1       1       1       1       1         (1)       1       1       1       1       1       1       1         (1)       1       1       1       1       1       1       1       1       1       1       1       1       1       1	3.2.2.55.	Table 3	.2.2.55.			
No. of Storeys         Maximum Area, m.           facing 1         facing 2         facing 3           1.         1         1000         1250           2.         2         800         1000           (2) The building referred to in Sentence (1) is permitted to be of combustible construction or noncombustible construction used singly or in combination, and.         (a) floor assemblies shall be fire separations and, if of combustible construction, and have a fire-resistance rating not assembly required to have a fire-resistance rating shall.           (b) loadbearing wolks, columns and arches supporting on assembly required to have a fire-resistance rating shall.           (c) have a fire-resistance rating not less than 45 min, or (i) have a fire-resistance rating not less than 45 min, or (ii) be of noncombustible construction.           Image: Not Required to have a fire-resistance rating shall.           YES         NO           YES         NO           YES         NO           COMBUSTIBLE         BOTH           NON COMBUSTIBLE         BOTH           NON COMBUSTIBLE         NON           Mir/PERSON (FOR OFFICE AREA)           THE NUMBER OF PERSONS FOR WHICH THE AREA IS DESIGNED. (IN COUNCIL CHAMBER & LOBBY) (POSTED SIGN)           COUNCIL CHAMBER + LOBSY         150           PERSONS         25           TOTAL         175           PRO	Form	ning Part of Se	ntence 3.2.2.	.55.(1)		
Image: Street       Street       Street       Street         Image: Street       Street       Street       Street       Street       Street         Image: Street       Street       Street       Street       Street       Street       Street	No. of			Column 4		
2       2       800       1 000       1 200         (2) The building referred to in Sentence (1) is permitted to be of combustible construction or noncombustible construction used singly or in combination, and.       (a) floor assemblies shall be fire separations and, if of combustible construction, shall have a fire-resistance rating and (b) loadbearing wolks, columns and arches supporting an assembly required to have a fire-resistance rating shall.         (b) loadbearing wolks, columns and arches supporting an assembly required to have a fire-resistance rating shall.         (c) have a fire-resistance rating shall.         (d) have a fire-resistance rating shall.         (e) have a fire-resistance rating shall.         (f) have a fire-resistance rating shall.         (g) Not REQUIRED         In Not REQUIRED         YES       NO         (f) NOT COMBUSTIBLE       BOTH         NON COMBUSTIBLE       BOTH         NON COMBUSTIBLE       BOTH         NON COMBUSTIBLE       BOTH         NON COMBUSTIBLE       NON         Pri/PERSON (FOR OFFICE AREA)       The NUMBER OF PERSONS FOR WHICH THE AREA IS DESIGNED. (IN COUNCIL CHAMBER & LOBBY)         (POSTED SIGN)       COUNCIL CHAMBER + LOBBY       150         OUNCIL CHAMBER + LOBBY       150       PERSONS         OFFICES       25       PERSONS         1 FOR MALES + 1 FOR FEMALES       PROV	Storeys	0				
combustible construction or noncombustible construction, and,         (a) floor assemblies shall be fire separations and, if of combustible construction, shall have a fire-resistance rating and assembly required to have a fire-resistance rating and assembly required to have a fire-resistance rating shall.         (b) loadbearing walls, columns and arches supporting an assembly required to have a fire-resistance rating shall.         (c) have a fire-resistance rating not less than 45 min, or (i) be of noncombustible construction.         (c) Not Required         (c) YES       NO         (c) YES       NO         (c) YES       NO         (c) OMBUSTIBLE       (c) BOTH         (c) NON COMBUSTIBLE       (c) BOTH         (c) NON COMBUSTIBLE       (c) NON COMBUSTIBLE         (c) MON COMBUSTIBLE       (c) PERSON (FOR OFFICE AREA)         (c) THE NUMBER OF PERSONS FOR WHICH THE AREA IS DESIGNED. (IN COUNCIL CHAMBER & LOBBY)         (c) COUNCIL CHAMBER + LOBBY       150         (c) DESIGNIC       (c) PERSONS OF EACH SEX         (c) TOTAL       175         (c) NOLED FOR OFFICES:       1 FOR MALES + 1 FOR FEMALES         (c) NOLED FOR COUNCIL CHAMBER & LOBBY AREA:         (c) PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA:         (c) FOR COUNCIL CHAMBER & LOBBY AREA:         (c) FOR COUNCIL CHAMBER & LOBBY AREA:         (c) PERSONS <t< td=""><td></td><td></td><td></td><td></td></t<>						
(c) floor ossemblies shall be fire separations and, if of combustible construction, shall have a fire-resistance rating not less than 45 min, and         (b) loadbearing walls, columns and arches supporting an assembly required to have a fire-resistance rating shall.         (i) have a fire-resistance rating not less than 45 min, or         (ii) be of noncombustible construction.         □       ENTIRE BUILDING         □       BASEMENT ONLY         □       IN LIEU OF ROOF RATING         □       YES         □       YES         □       YES         □       NO         □       COMBUSTIBLE         □       BOTH         □       NON COMBUSTIBLE         □       MON COMBUSTIBLE         □       MON COMBUSTIBLE         □       MON COUNCIL CHAMBER & LOBBY         □       PROVIDED FOR OFFICE AREA)         □       THE NUMBER OF PERSONS FOR WHICH THE AREA IS         □       DESIGNED. (IN COUNCIL CHAMBER & LOBBY)         <						
not less than 45 min, and         (b) loadbearing walk, columns and arches supporting an assembly required to have a fire-resistance rating shall,         (i) have a fire-resistance rating not less than 45 min, or         (ii) be of noncombustible construction.         □       ENTIRE BUILDING         BASEMENT ONLY         □       IN LIEU OF ROOF RATING         ■       NOT REQUIRED         □       YES         ■       NO (NOT REQUIRED BUT PROVIDED)         ■       YES         ■       NO (NOT REQUIRED BUT PROVIDED)         ■       YES         ■       NON COMBUSTIBLE         ■       MON (FOR OFFICE AREA)         ■       m <sup>2</sup> /PERSON (FOR OFFICE AREA)         ■       M <sup>2</sup> /PERSON (FOR OFFICE AREA)         ■       M <sup>2</sup> /PERSON (FOR OFFICE AREA)         ■       MON COUNCIL CHAMBER & LOBBY (POSONS         OFFICES       25         ■       PERSONS         ■       YES         NUMBER OF WA	(a) floor assem	blies shall be f				
(i) hove a fire-resistance rating not less than 45 min, or         (ii) be of noncombustible construction.         □       ENTIRE BUILDING         □       BASEMENT ONLY         □       IN LIEU OF ROOF RATING         ■       NOT REQUIRED         □       YES         ■       NOT REQUIRED         □       YES         ■       NO         (i) VES       NO         (ii) COMBUSTIBLE       ■         III:       COMBUSTIBLE         III:       COMBUSTIBLE         III:       COMBUSTIBLE         III:       MON COUNCIL CHAMBER & LOBBY         III:       POSTED SIGNI)         COUNCIL CHAMBER + LOBBY       150         PERSONS / 2 = <u>9 PERSONS</u> OF EACH SEX         II:       FOR MALES + 1 FOR FEMALES         PROVIDED FOR OFFICES:       1 FOR MALES + 3 FOR FEMALES         PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA:       2 FOR MALES + 3 FOR FEMALES         PROVID	not less than 4: (b) loadbearin	5 min, and g walls, colum	ins and arche	es supporting an		
□       ENTIRE BUILDING         □       BASEMENT ONLY         □       IN LIEU OF ROOF RATING         □       NOT REQUIRED         □       YES         □       YES         □       YES         □       YES         □       YES         □       YES         □       NON COMBUSTIBLE         □       COMBUSTIBLE         □       COMBUSTIBLE         □       NON COUNCIL CHAMBER + LOBBY         □       YES         □       PERSONS OF EACH SEX         □	(i) have a fi	re-resistance i	rating not less	s than 45 min, or		
□       BASEMENT ONLY         □       IN LIEU OF ROOF RATING         □       YES         □       NON COMBUSTIBLE         □       NON         □       YES         □       YES         □       YES         □       NON         □       YES <th></th> <th></th> <th>Consilocitor</th> <th></th>			Consilocitor			
YES       NO         YES       NO         YES       NO         NON COMBUSTIBLE       BOTH         NA.       THE NUMBER OF PERSONS FOR WHICH THE AREA IS DESIGNED. (IN COUNCIL CHAMBER & LOBBY) (POSTED SIGN)         COUNCIL CHAMBER + LOBBY       150         PERSONS       25         PERSONS       25         PERSONS OF EACH SEX         I FOR MALES + 1 FOR FEMALES         PROVIDED FOR OFFICES:         I FOR MALES + 1 FOR FEMALES         PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA:         2 FOR MALES + 3 FOR FEMALES         PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA:         2 FOR MALES + 3 FOR FEMALES         PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA:         2 FOR MALES + 3 FOR FEMALES         INCLUDIN		ILY				
YES       NO (NOT REQUIRED BUT PROVIDED)         YES       NO         COMBUSTIBLE       BOTH         NON COMBUSTIBLE       BOTH         NA.       m²/PERSON (FOR OFFICE AREA)         THE NUMBER OF PERSONS FOR WHICH THE AREA IS DESIGNED. (IN COUNCIL CHAMBER & LOBBY) (POSTED SIGN)         COUNCIL CHAMBER + LOBBY       150         PERSONS       25         PERSONS       70 FERSONS         OFFICES       25         PERSONS       70 FERSONS         OFFICES       175         PERSONS       70 FERSONS         OFFICES       1 FOR MALES + 1 FOR FEMALES         PROVIDED FOR OFFICES:       1 FOR MALES + 1 FOR FEMALES         PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA:       2 FOR MALES + 3 FOR FEMALES         (INCLUDING 1 UNIVERSAL WASHROOM)       YES         YES       NO       (EXERANCE)         EGRESS DOORS:       NO         SINGLE EGRESS DOOR FROM ROOM OR SUITE:       MAX. TRAVEL DISTANCE = 15m ( AREA TO BE         LESS THAN 150 m²)       MORE THAN ONE EGRESS DOOR FROM ROOM / SUITE (IN         OR						
YES NO COMBUSTIBLE BOTH NON COMBUSTIBLE BOTH NON COMBUSTIBLE BOTH NON COMBUSTIBLE BOTH NON COMBUSTIBLE BOTH NA. Main and the number of persons for which the area is DESIGNED. (IN COUNCIL CHAMBER & LOBBY) (POSTED SIGN) COUNCIL CHAMBER + LOBBY 150 PERSONS OFFICES 25 PERSONS TOTAL 175 PERSONS OFFICES 25 PERSONS TOTAL 175 PERSONS NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES: 17 PERSONS / 2 = 9 PERSONS OF EACH SEX 1 FOR MALES + 1 FOR FEMALES PROVIDED FOR OFFICES: 1 FOR MALES + 1 FOR FEMALES PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA: 2 FOR MALES + 3 FOR FEMALES PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA: 2 FOR MALES + 3 FOR FEMALES (INCLUDING 1 UNIVERSAL WASHROOM) YES NO EGRESS DOORS: SINGLE EGRESS DOOR FROM ROOM OR SUITE: MAX. TRAVEL DISTANCE = 15m (AREA TO BE LESS THAN 150 m <sup>2</sup> ) MORE THAN ONE EGRESS DOOR FROM ROOM / SUITE (IN COUNCIL CHAMBER): DISTANCE BETWEEN EGRESS DOORS SHALL BE EGUAL TO OR GREATER THAN 1/3 THE DIAGONAL OF THE ROOM MAX. TRAVEL DISTANCE TO EGRESS = 40 m EXIT DOORS:	🗆 YES 🖬 N	0				
□       COMBUSTIBLE       BOTH         □       NON COMBUSTIBLE       □       BOTH         □       YES       □       NOUNCIL CHAMBER & LOBBY       150         □       PERSONS       OFFICES       25       PERSONS         □       TOTAL       175       PERSONS         □       YES       □       FOR MALES + 1 FOR FEMALES         PROVIDED FOR OFFICES:       □       FOR MALES + 1 FOR FEMALES         □       YES       □       NO (EXPLAIN)         □       YES       □       NO         ■       YES       □       NO         ■       YES	U YES N	O (NOT RE	QUIRED BU	IT PROVIDED)		
NON COMBUSTIBLE         Image: Combustible         NA.         Image: Combustible         N.A.         Council Chamber of Persons for Which the Area is Cobby (Posted Sign)         Council Chamber + Lobby         If or All         175         PERSONS / 2 = <u>9 PERSONS</u> OF EACH SEX         I FOR MALES + 1 FOR FEMALES         PROVIDED FOR OFFICES:         I FOR MALES + 1 FOR FEMALES         PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA:         2 FOR MALES + 3 FOR FEMALES         (INCLUDING 1 UNIVERSAL WASHROOM)         Image: Ves       NO         EGRESS DOORS:         SINGLE EGRESS DOOR FROM ROOM OR SUITE:     <		-				
□ NON COMBUSTIBLE         N.A.            m²/PERSON (FOR OFFICE AREA)             m²/PERSON (FOR OFFICE AREA)             m²/PERSON (FOR OFFICE AREA)             m²/PERSON (IN COUNCIL CHAMBER & LOBBY)         (POSTED SIGN)             COUNCIL CHAMBER + LOBBY         150         PERSONS             OFFICES             25         PERSONS             TOTAL             175         PERSONS             NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:             1775             NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:             170TAL             175             NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:             177             PROVIDED FOR OFFICES:             1 FOR MALES + 1 FOR FEMALES             PROVIDED FOR COUNCIL CHAMBER & LOBBY AREA:             2 FOR MALES + 3 FOR FEMALES             (INCLUDING 1 UNIVERSAL WASHROOM)             YES             YES             NO (EXPLAIN)             YES             YES             NO (EXPLAIN) <td></td> <td></td> <td>N BOTH</td> <td></td>			N BOTH			
N.A. <ul> <li>m²/PERSON (FOR OFFICE AREA)</li> <li>THE NUMBER OF PERSONS FOR WHICH THE AREA IS DESIGNED. (IN COUNCIL CHAMBER &amp; LOBBY) (POSTED SIGN)</li> </ul> COUNCIL CHAMBER + LOBBY       150       PERSONS         OFFICES       25       PERSONS         TOTAL       175       PERSONS         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       175         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       175         Image: NOTAL       175       PERSONS         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       170 PERSONS         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       170 PERSONS         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       175         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       170 PERSONS         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       170 PERSONS OF EACH SEX         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       170 PERSONS OF EACH SEX         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       170 PERSONS OF EACH SEX         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       160 PERSONS OF EACH SEX         Image: NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES:       1100 PERSONS OF EACH SEX         Image: NUMER OF WATER CLOSETS NOOR FROM ROOM OR SUITE:       1000 PERSONOR <td></td> <td></td> <td>BOTH</td> <td></td>			BOTH			
<ul> <li>THE NUMBER OF PERSONS FOR WHICH THE AREA IS DESIGNED. (IN COUNCIL CHAMBER &amp; LOBBY) (POSTED SIGN)</li> <li>COUNCIL CHAMBER + LOBBY 150 PERSONS OFFICES 25 PERSONS</li> <li>TOTAL 175 PERSONS</li> <li>NUMBER OF WATER CLOSETS REQUIRED FOR OFFICES: 17 PERSONS / 2 = 9 PERSONS OF EACH SEX 1 FOR MALES + 1 FOR FEMALES</li> <li>PROVIDED FOR OFFICES: 1 FOR MALES + 1 FOR FEMALES</li> <li>PROVIDED FOR COUNCIL CHAMBER &amp; LOBBY AREA: 2 FOR MALES + 3 FOR FEMALES</li> <li>PROVIDED FOR COUNCIL CHAMBER &amp; LOBBY AREA: 2 FOR MALES + 3 FOR FEMALES (INCLUDING 1 UNIVERSAL WASHROOM)</li> <li>YES NO</li> <li>EGRESS DOORS: SINGLE EGRESS DOOR FROM ROOM OR SUITE: MAX. TRAVEL DISTANCE = 15m (AREA TO BE LESS THAN 150 m<sup>2</sup>)</li> <li>MORE THAN ONE EGRESS DOOR FROM ROOM / SUITE (IN COUNCIL CHAMBER): DISTANCE BETWEEN EGRESS DOORS SHALL BE EGUAL TO OR GREATER THAN 1/3 THE DIAGONAL OF THE ROOM MAX. TRAVEL DISTANCE TO EGRESS = 40 m</li> </ul>	1					
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	MAX. TRAVEL DIS					
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MORE THAN ONE EXIT REQUIRED. DISTANCE BETWEEN EXIT DOORS SHALL BE MORE THAN	DISTANCE BETWEI	EN EXIT DOC	ORS SHALL			
$\frac{1}{2}$ OF DIAGONAL DIMENSION OF THE FLOOR AREA, BUT NOT LESS THAN 9m.			OF THE FLC	or Area, but		
Y YES 🗆 NO	YES NO	C				

REQUIRED FIRE RESISTANCE RATING (FRR):								
ASSEMBLIES FRR (HOURS):					LISTED DESIGN NUMBER:			
FLOORS:	N/A	DIV. B	- 3.2.2.2	7	U.L.C.#:			
ROOF:	0 HR	DIV. B	- 3.2.2.2	7	U.L.C.#:			
MEZZANINE:	N/A	DIV. B	- 3.2.2.2	7	U.L.C.#:			
FRR OF SUPPORTING MEMBERS:	N/A	DIV. B	- 3.2.2.2	7	LISTED DESIGN NUMBER:			
FLOORS:	N/A	DIV. B	- 3.2.2.2	7	U.L.C.#:			
ROOF:	N/A	DIV. B	- 3.2.2.2	7	U.L.C.#:			
MEZZANINE:	N/A	DIV. B				U.L.C.#:		
SPATIAL SEPARATION - CONSTRUCTION	LS		DIV. B - 3.2.3.					
WALL AREA OF L.D. L/H E.B.F. (m) OR (m <sup>2</sup> ) H/L	MAX. % OF	ROPOSED % OF DPENINGS	F.R.R. (hrs)	LISTED DESIGN OR DESCRIPTION	COMB. CONSTR.	COMB. CONSTR. NONCOMB. CLADDING	NON COMB. CONSTRUCTION	
NORTH 146 9m 3:1-10:1	50% 4	46%	N/A	N/A	YES	NON-COMBUSTIBLE	N/A	
SOUTH 156 585m 3:1-10:1	100% 4	12%	N/A	N/A	YES	NON-COMBUSTIBLE	N/A	
EAST 222 8m 3:1-10:1	28% 2	27%	N/A	N/A	YES	NON-COMBUSTIBLE	N/A	
WEST 124 57m 13:1	100% 1	11%	N/A	N/A	YES	NON-COMBUSTIBLE	N/A	

#### GENERAL NOTES:

ALL WORK TO CONFORM TO THE CURRENT 2012 ONTARIO BUILDING CODE, AS AMENDED JANUARY 1, 2015.

ALL CRITICAL BARRIER FREE DIM.'S TO COMPLY W/ OBC & ANY APPLICABLE ACCESSIBILITY BY-LAWS OF THAT SPECIFIC REGION. O.B.C. BARRIER FREE REQ.'S ARE TO BE REVIEWED & CONFIRMED BY THE GENERAL CONTRACTOR ON SITE THAT ALL DIM.'S & MIN. CLEARANCES ARE PROVIDED. INFORM THE ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLING WORK & OBTAIN SUPPLEMENTAL INSTRUCTIONS FROM THE ARCHITECT BEFORE ROCEEDING W/ ANY PART OF THE AFFECTED WORK.

ARRIER-FREE DOORS & DOORWAYS: DIMENSIONS: EVERY DOORWAY THAT IS LOCATED IN A BARRIER-FREE PATH OF TRAVEL SHALL HAVE A MINIMUM CLEAR WIDTH OF NOT LESS THAN 860mm WHEN THE DOOR IS IN THE OPEN POSITION (PROVIDE STD. DOOR LEAF OF NOT LESS THAN 1020mm, SMALLER WHERE NOT ABLE).

UNLESS EQUIPPED W/ A POWER DOOR OPERATOR, A DOOR IN A BARRIER-FREE PATH OF TRAVEL SHALL HAVE A CLEAR SPACE ON THE LATCH SIDE EXTENDING THE HEIGHT OF THE DOORWAY & NOT LESS THAN 650mm BEYOND THE EDGE OF THE DOOR OPENING IF THE DOOR SWINGS TOWARD THE APPROACH SIDE & 350mm BEYOND THE EDGE IF THE DOOR SWINGS AWAY FROM THE APPROACH SIDE.

OWER DOOR OPERATORS: EVERY DOOR THAT PROVIDES A BARRIER-FREE PATH OF TRAVEL THROUGH AN ENTRANCE SHALL BE EQUIPPED W/ A POWER DOOR OPERATOR. WHERE AN ENTRANCE INCORPORATES A VESTIBULE, A DOOR LEADING FROM THE VESTIBULE INTO THE FLOOR AREA SHALL BE EQUIPPED W/ A POWER DOOR OPERATOR.

THE CONTROL FOR A POWER DOOR OPERATOR SHALL HAVE NO FACE DIMENSION LESS THAN 100mm, HAVE ITS CENTER LOCATED @925mm A/F/F, BE LOCATED NOT LESS THAN 610mm MIN. FROM THE END OF ANY DOOR SWING TO THE CLOSEST EDGE OF THE BOTTOM WHERE THE DOOR OPENS TOWARDS THE CONTROL, & CONTAIN THE SIGN INCORPORATING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. WHEN THE DOOR OPENS INTO THE ADJACENT ROOM, THE CONTROL ON THAT SIDE OF THE DOOR SHALL BE LOCATED NOT LESS THAN 310mm FROM THE DOOR FRAME TO THE CLOSEST EDGE OF THE BOTTOM.

DOOR OPENING DEVICES THAT ARE THE ONLY MEANS OF OPERATION SHALL BE OF A DESIGN THAT DOES NOT REQUIRE TIGHT GRASPING & TWISTING OF THE WRIST.

ISION STRIPS:

ALL DOORS IN A BARRIER-FREE PATH OF TRAVEL CONSISTING OF A SHEET OF GLASS SHALL BE MARKED W/ A CONT. OPAQUE STRIP THAT SHALL BE COLOUR & BRIGHTNESS CONTRASTED TO THE BACKGROUND OF THE DOOR, SHALL BE AT LEAST 50mm WIDE, SHALL BE LOCATED ACROSS THE WIDTH OF THE DOOR @ A HEIGHT OF 1350mm TO 1500mm A/F/F. (ACCESSIBILITY BY-LAWS OF THAT SPECIFIC REGION MAY REQUIRE TWO VISION STRIPS).

#### O.B.C. MATRIX

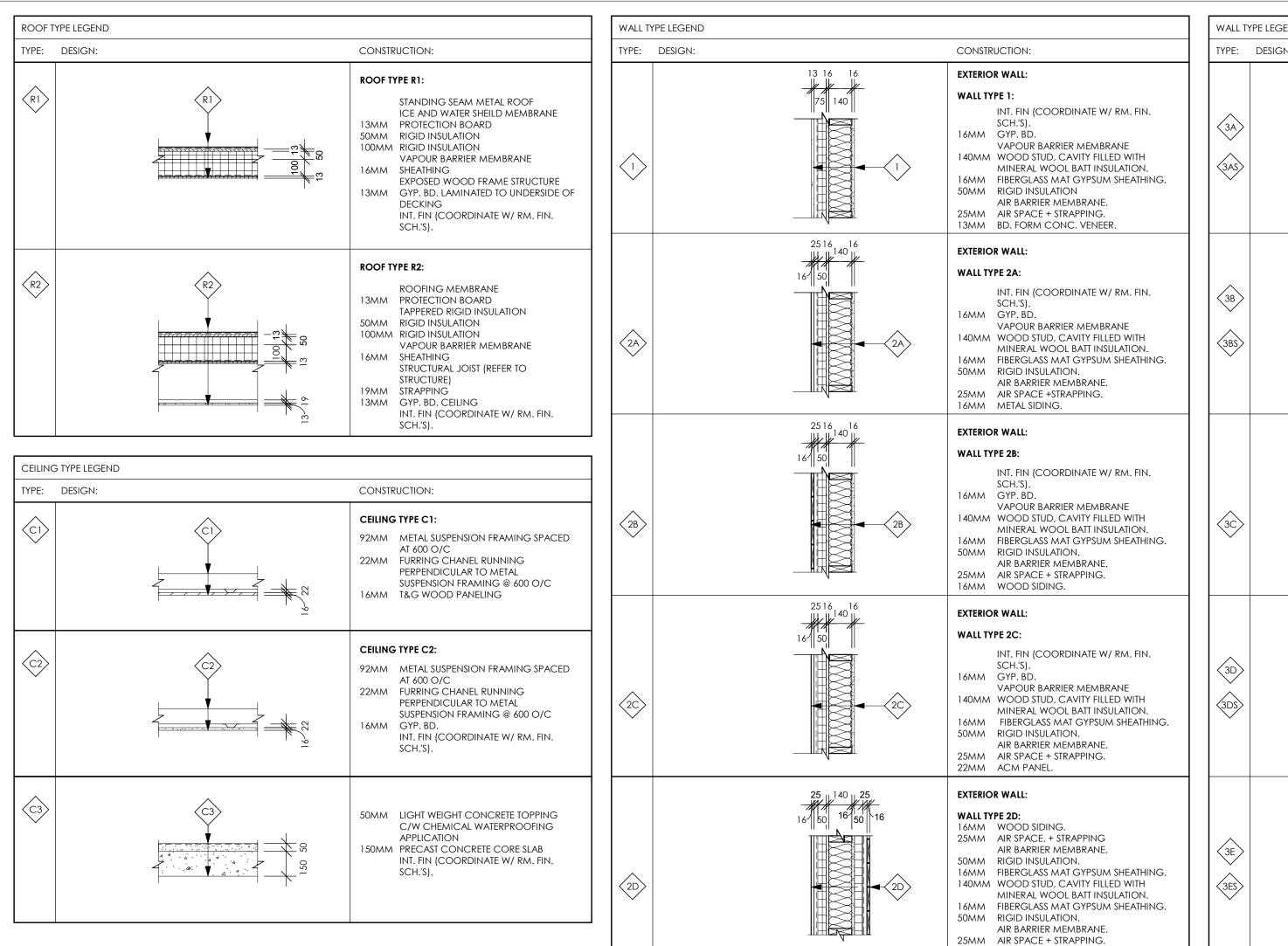




3 SITE / KEY PLAN

	DATE	PARTICULAR
1	2017.08.21	ISSUED FOR BUILDING PERMIT & TENDER
2	2017.08.22	ISSUED FOR CLIENT REVIEW
4	2017.10.12	ISSUED FOR TENDER
	FC.	
IOT	E9.	
_		<b>_</b>
		LIMINARY
		TO BE USED FOR DNSTRUCTION
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		TOWNSHIP OF MCNAB/BRAESIDE
		No De Carlos
		0000
Ow	NSHIP OF I	McNAB / BRAESIDE
	JECT:	
2168	8	
2168 MCN	8 AB / BRAE	SIDE MUNICIPAL BUILDING RIVE, ARNPRIOR,
2168 MCN 2473	8 AB / BRAE	RIVE, ARNPRIOR,
473 0NT/	8 AB / BRAE RUSSETT D ARIO K7S ( NAL PAGE SI	RIVE, ARNPRIOR, 3G8 ZE ARCH D - 24'' x 36''
2168 ACN 2473 2473 20NTA 2473 20NTA	8 AB / BRAE RUSSETT D ARIO K7S ( NAL PAGE SI) DETAIL LOC A - DETAIL N	RIVE, ARNPRIOR, 3G8 ZE ARCH D - 24" x 36" CATION: O.
2168 MCN 2473 DNTA DRIGI	8 AB / BRAE RUSSETT D ARIO K7S ( NAL PAGE SI) DETAIL LOC	RIVE, ARNPRIOR, 3G8 ZE ARCH D - 24" x 36" CATION: O.
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2168 MCN 2473 DNT/ DRIGII EY TO	AB / BRAE RUSSETT D ARIO K7S : NAL PAGE SIZ DETAIL LOC A - DETAIL NO B - DETAIL NO B - DETAIL NO	RIVE, ARNPRIOR, 3G8 ZE ARCH D - 24" x 36" CATION: O.
2168 ACN 2473 2473 20NTA 2473 20NTA	AB / BRAE RUSSETT D ARIO K7S : NAL PAGE SIZ DETAIL LOC A - DETAIL NO B - DETAIL NO B - DETAIL NO	RIVE, ARNPRIOR, 3G8 ZE ARCH D - 24" x 36" CATION: O.
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2168 MCN 2473 2NTA DRIGI	AB / BRAE RUSSETT D ARIO K7S : NAL PAGE SIZ DETAIL LOC A - DETAIL NO B - DETAIL NO B - DETAIL NO	RIVE, ARNPRIOR, 3G8 ZE ARCH D - 24" x 36" CATION: O.
168 1CN 473 9NT/ RIGI	AB / BRAE RUSSETT D ARIO K7S : NAL PAGE SIZ DETAIL LOC A - DETAIL NO B - DETAIL NO B - DETAIL NO	RIVE, ARNPRIOR, 3G8 ZE ARCH D - 24" x 36" CATION: O.

TYPE: DESIGN:	CONSTRUCTION:	TYPE: DESIGN:	
F1	SLAB ON GRADE: FLOOR TYPE F1: 200MM CONCRETE SLAB VAPOUR BARRIER MEMBRANE TURNED UP AT SLAB EDGES 75MM RIGID INSULATION INSTALLED HORIZONTALLY BELOW THE CONCRETI SLAB FROM BUILDING TO MIN 1200mr INWARD GRANULAR FILL (REFER TO STRUCTURAL		RI



#### GENERAL NOTES:

FOR FIRE RATED WALLS REFER TO : ULC W301 ( GA FILE No. WP3605) OR GA FILE No. WP3660 REFER TO DRAWINGS AO.2 FOR FIRE SEPERATING LOCATIONS

16MM METAL SIDING.

3F

4A

5A

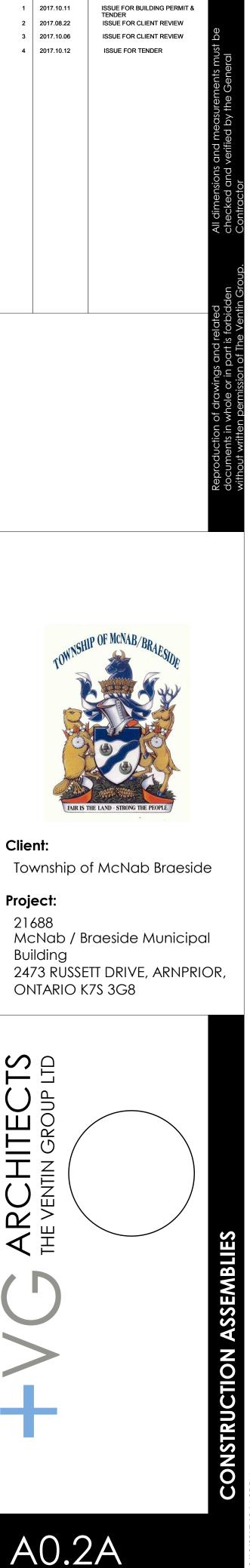
5B

6A

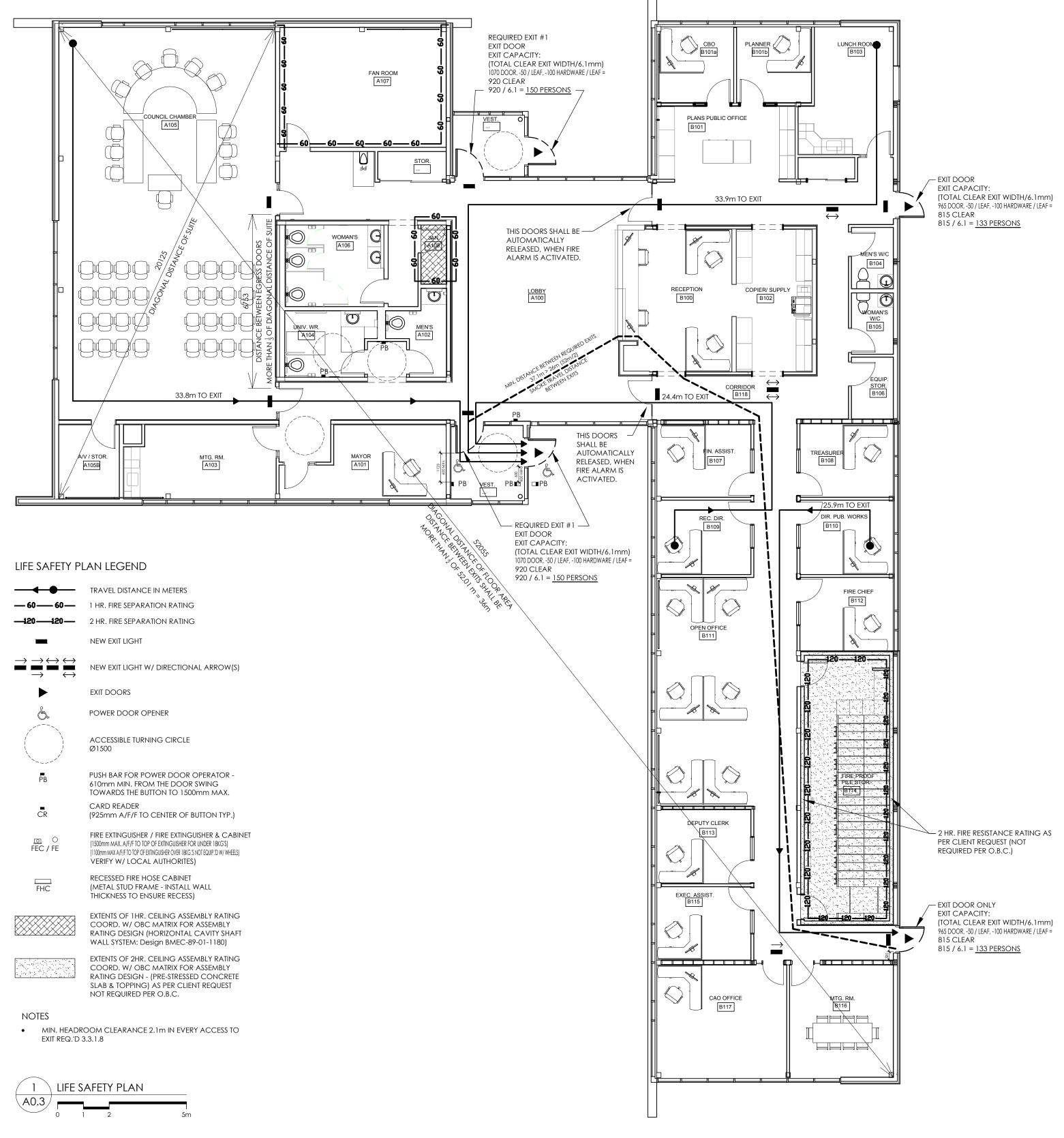
6B

- USE MOISTURE RESISTANT GYPSUM BOARD IN ALL "WET " AREAS
- USE ABUSE RESISTANT GYPSUM BOARD IN CORRIDOR AND GENERAL USE.
- 4 USE TYPE X GYPSUM BOARD GOT ALL FIRE RATED WALLS AND CEILINGS

END					Schedule Pa
2112 2N: 16 16 140 140 3A	CONSTRUCTION: INTERIOR PARTITION: WALL TYPE 3A: INT. FIN (COORDINATE W/ RM. FIN. SCH.'S). 16MM GYP. BD. 140MM WOOD STUD, CAVITY FILLED WITH SOUND ATTENUATION BATT INSULATION. 16MM GYP. BD. INT. FIN. (COORDINATE W/ RM. FIN. SCH.'S). WALL TYPE 3AS: ADD 13MM PLYWOOD SHEATHING TO BOTH SIDES OF STUD CAVITY INTERIOR PARTITION: WALL TYPE 3B: INT. FIN (COORDINATE W/ RM. FIN. SCH.'S). 16MM GYP. BD. 89MM WOOD STUD, CAVITY FILLED WITH SOUND ATTENTUATION BATT INSULATION.		2 20 3 20	Date 17.10.11 17.08.22 17.10.06 17.10.12	PC ISSUE FOR BUILDI TENDER ISSUE FOR CLIENT ISSUE FOR CLIENT ISSUE FOR TENDE
	<ul> <li>16MM GYP. BD. INT. FIN. (COORDINATE W/ RM. FIN. SCH.'S).</li> <li>WALL TYPE 3BS: ADD 13MM PLYWOOD SHEATHING TO BOTH SIDES OF STUD CAVITY</li> <li>INTERIOR PARTITION: WALL TYPE 3C: 89MM WOOD STUD, CAVITY FILLED WITH SOUND ATTENUATION BATT INSULATION.</li> <li>16MM GYP. BD. INT. FIN. (COORDINATE W/ RM. FIN. SCH.'S).</li> </ul>				
16 16 16 22 140 III 3D	INTERIOR PARTITION: WALL TYPE 3D: INT. FIN (COORDINATE W/ RM. FIN. SCH.'S). 16MM GYP. BD. 140MM WOOD STUD, CAVITY FILLED WITH SOUND ATTENUATION BATT INSULATION. 16MM GYP. BD. 22MM FURRING CHANNEL 16MM WOOD PANELING WALL TYPE 3DS: ADD 13MM PLYWOOD SHEATHING TO BOTH SIDES OF STUD CAVITY				
16 16 16 22 89 111 3E	INTERIOR PARTITION: WALL TYPE 3E: INT. FIN (COORDINATE W/ RM. FIN. SCH.'S). 16MM GYP. BD. 89MM WOOD STUD, CAVITY FILLED WITH SOUND ATTENUATION BATT INSULATION. 16MM GYP. BD. 22MM FURRING CHANNEL 16MM WOOD PANELING WALL TYPE 3ES: ADD 13MM PLYWOOD SHEATHING TO BOTH SIDES OF STUD CAVITY INTERIOR PARTITION: WALL TYPE 3F:				P OF MCNAB/BRA
	INT. FIN (COORDINATE W/ RM. FIN. SCH.'S). 16MM GYP. BD. 140MM WOOD STUD, CAVITY FILLED WITH SOUND ATTENUATION BATT INSULATION. 16MM PLYWOOD SHEATHING. 41MM FURRING CHANNEL 16MM GYPSUM <b>RECESSED WOOD WALL</b> 16MM GYP. BD. 140MM WOOD STUD, CAVITY FILLED WITH SOUND ATTENUATION BATT INSULATION. 16MM PLYWOOD SHEATHING. 16MM WOOD V GROVE SIDING INTERIOR PARTITION:		Projec 2168 McN Build	: iship o <b>t:</b> 8 ab / Bi ing	f McNab I raeside M TT DRIVE, /
13.127.13	WALL TYPE 4A: INT. FIN (COORDINATE W/ RM. FIN. SCH.'S). 16MM GYP. BD. 280MM WOOD STUD, CAVITY FILLED WITH SOUND ATTENUATION BATT INSULATION. (LOCATED CORRIOR/ROOM SIDE) 16MM GYP. BD. INT. FIN. (COORDINATE W/ RM. FIN. SCH.'S). INTERIOR PARTITION: WALL TYPE 5A:				7S 3G8
	INT. FIN (COORDINATE W/ RM. FIN. SCH.'S). 13MM BOARD FORMED CONCRETE VENEER. 16MM GYP. BD. 127MM METAL STUD, CAVITY FILLED WITH SOUND ATTENTUATION BATT INSULATION. 16MM GYP. BD. 13MM BOARD FORMED CONCRETE VENEER. (COORDINATE W/ RM. FIN. SCH.'S).	-04 (2018 Revit)_dwojcik@plusvg.com.rvt			
13 64 13 16 16 5B	WALL TYPE 5B: INT. FIN (COORDINATE W/ RM. FIN. SCH.'S). 13MM BOARD FORMED CONCRETE VENEER. 16MM GYP. BD. 57MM METAL STUD, CAVITY FILLED WITH SOUND ATTENTUATION BATT INSULATION. 16MM GYP. BD. 13MM BOARD FORMED CONCRETE VENEER. (COORDINATE W/ RM. FIN. SCH.'S).	- Town Hall Building 2017-07-04 (2018			
	WALL TYPE 6A:         140       SEMI SOLID CONCRETE BLOCK.         WALL TYPE 6B:         INT. FIN (COORDINATE W/ RM. FIN.         SCH.'S).         16MM       GYP. BD.         22MM       FURRING CHANNEL         140       SEMI SOLID CONCRETE BLOCK.	C:\Users\User\Documents\M&B - '	A(	).2	2A

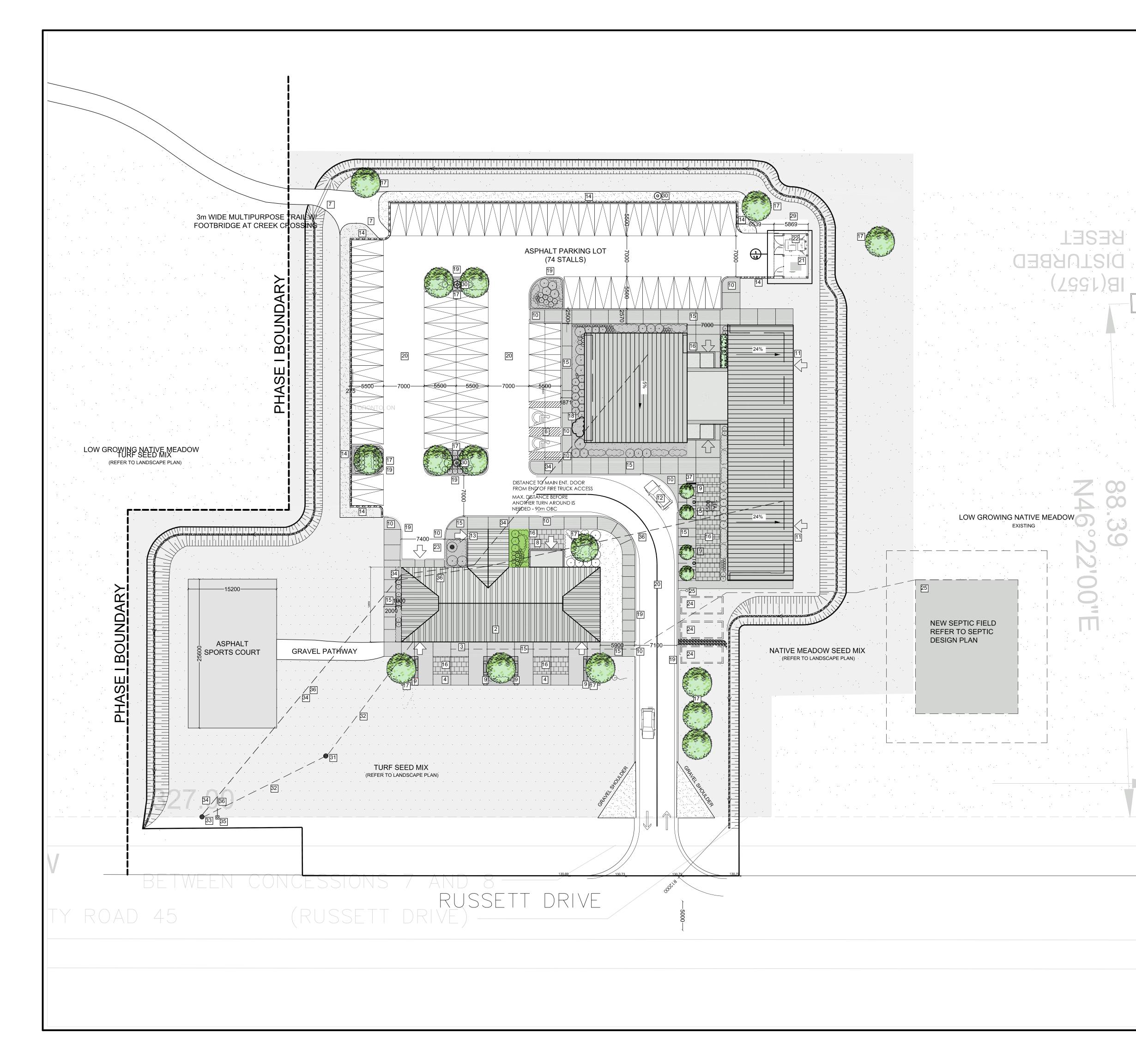


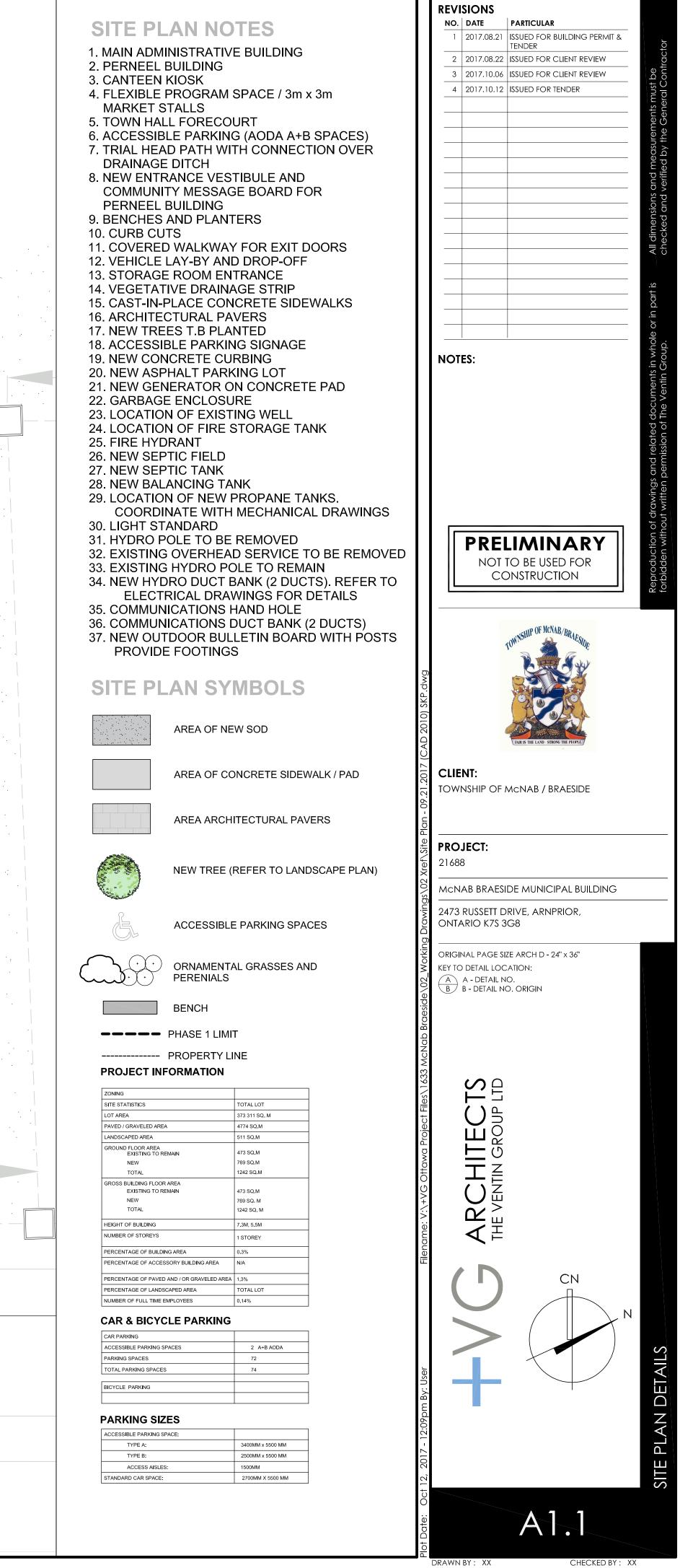
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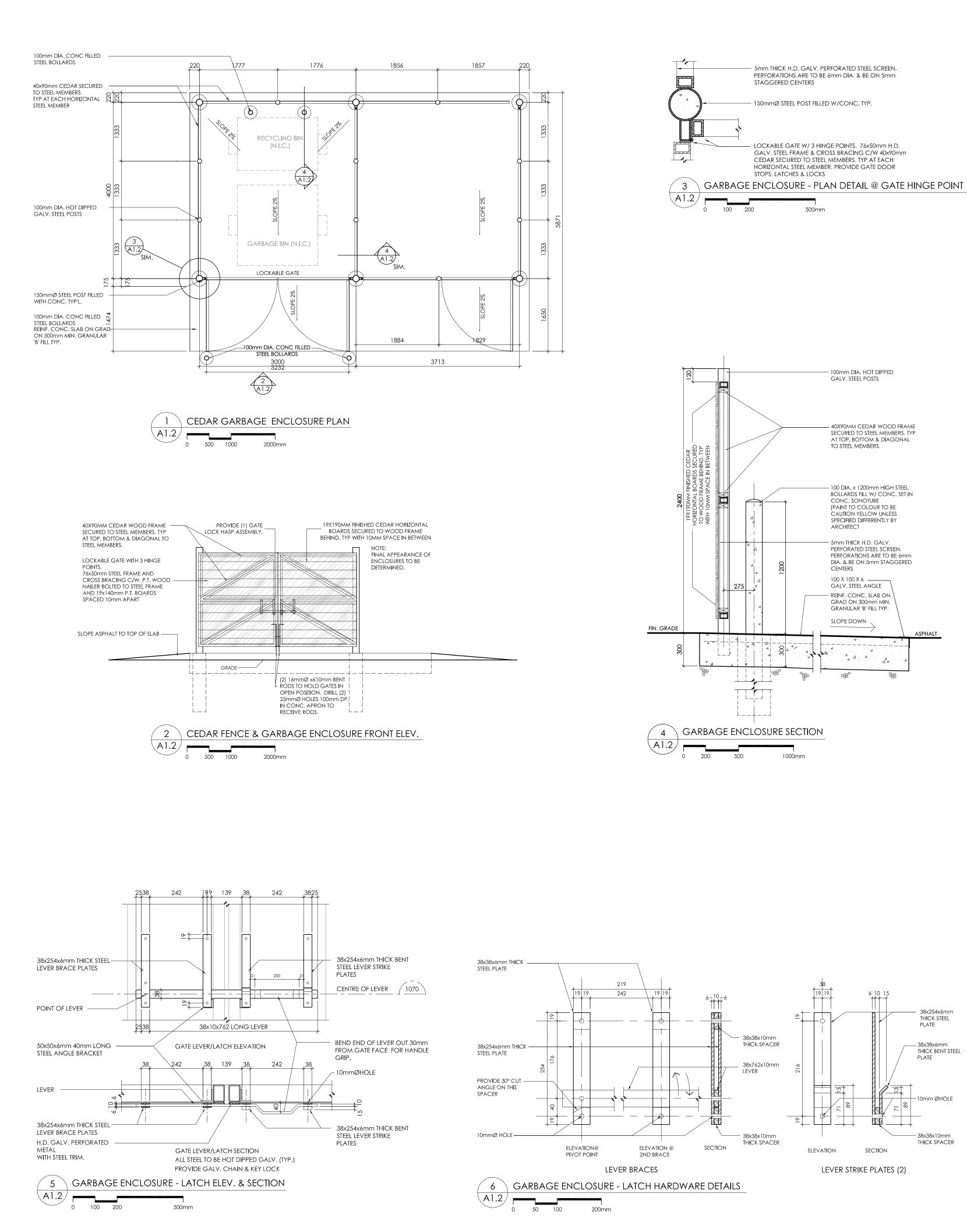


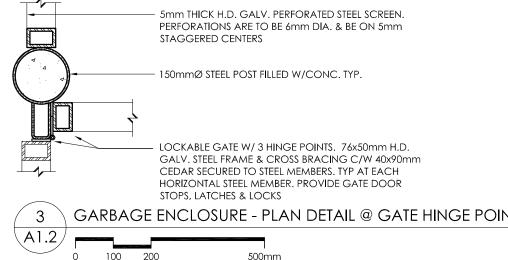
965 DOOR, -50 / LEAF, -100 HARDWARE / LEAF =

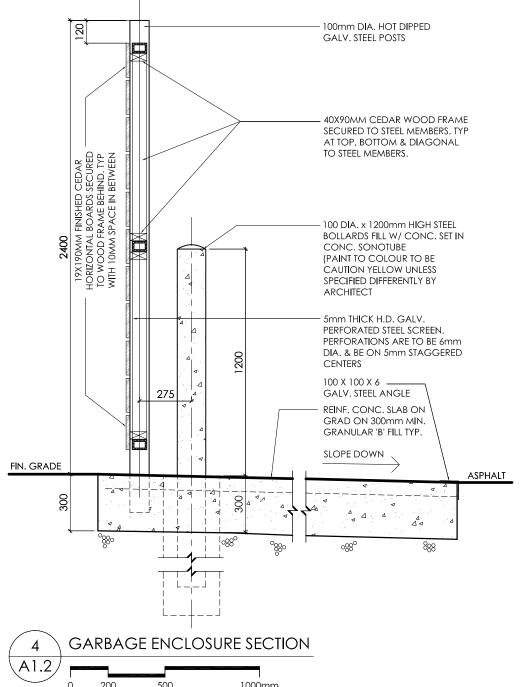
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4	2017.10.12	ISSUED FOR TENDER	ments m Genero
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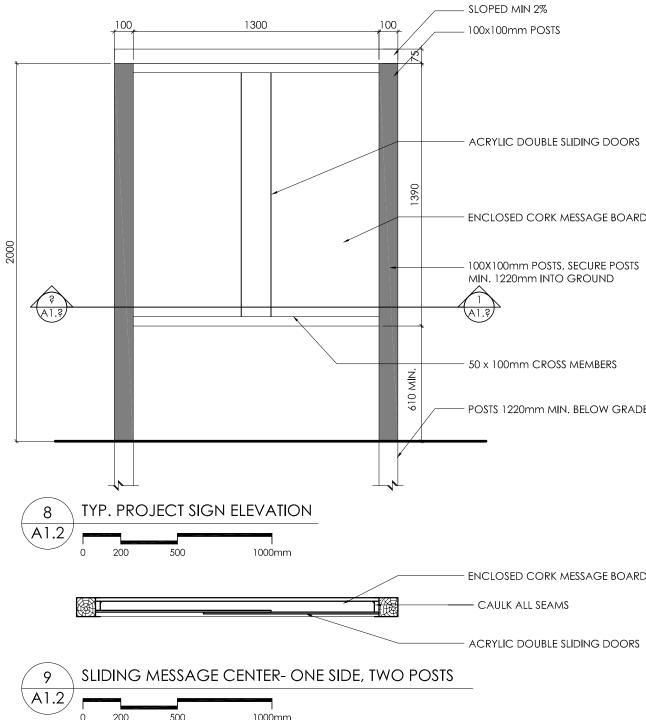


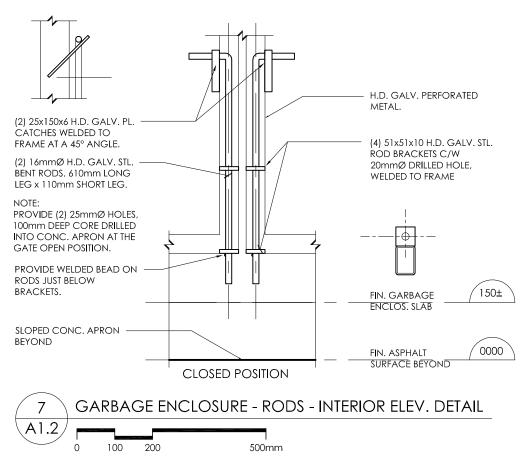












\_ 100x100mm POSTS

– ENCLOSED CORK MESSAGE BOARD

- 100X100mm POSTS, SECURE POSTS MIN. 1220mm INTO GROUND

- 50 x 100mm CROSS MEMBERS

— POSTS 1220mm MIN. BELOW GRADE

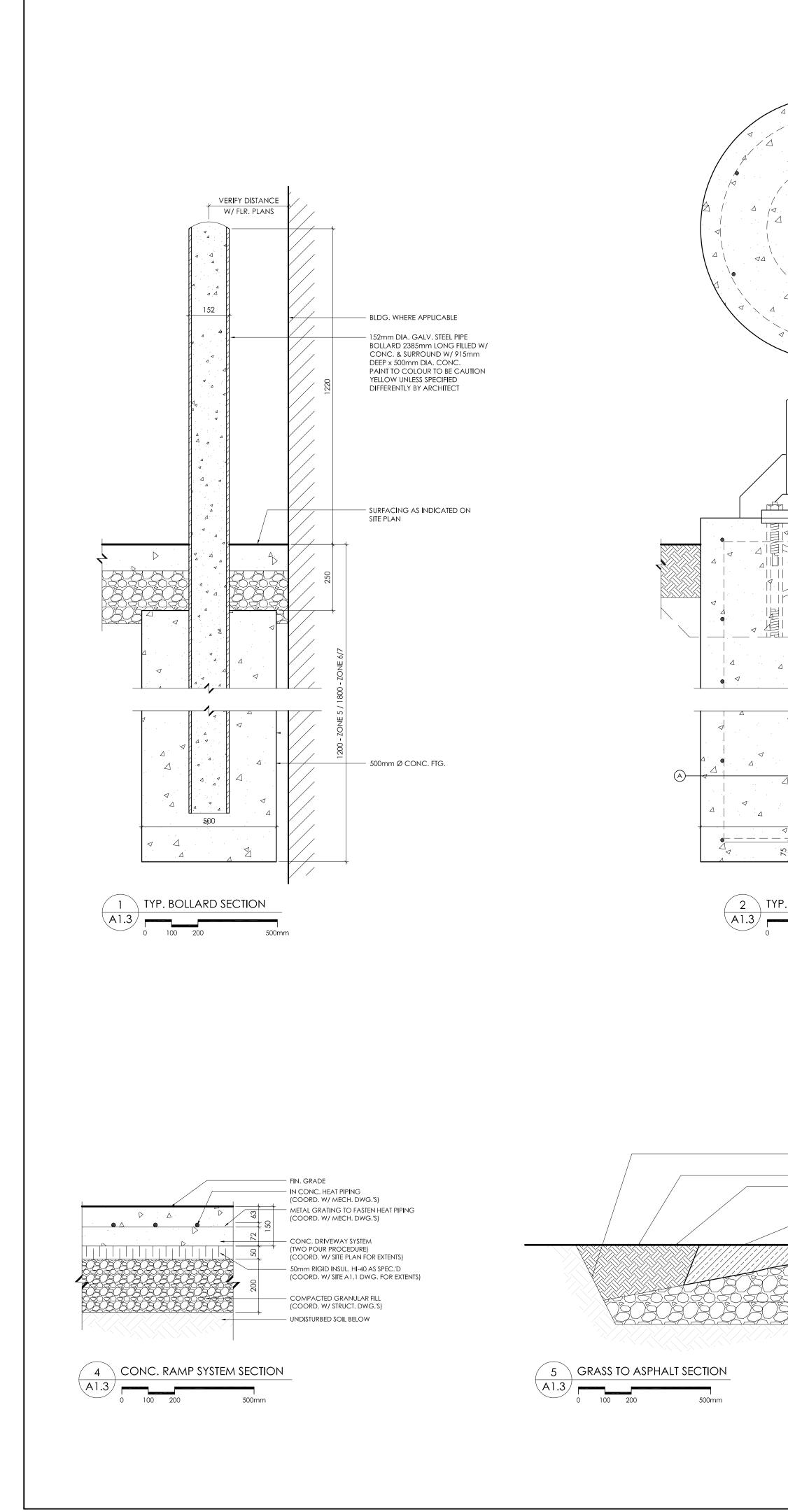
– ENCLOSED CORK MESSAGE BOARD

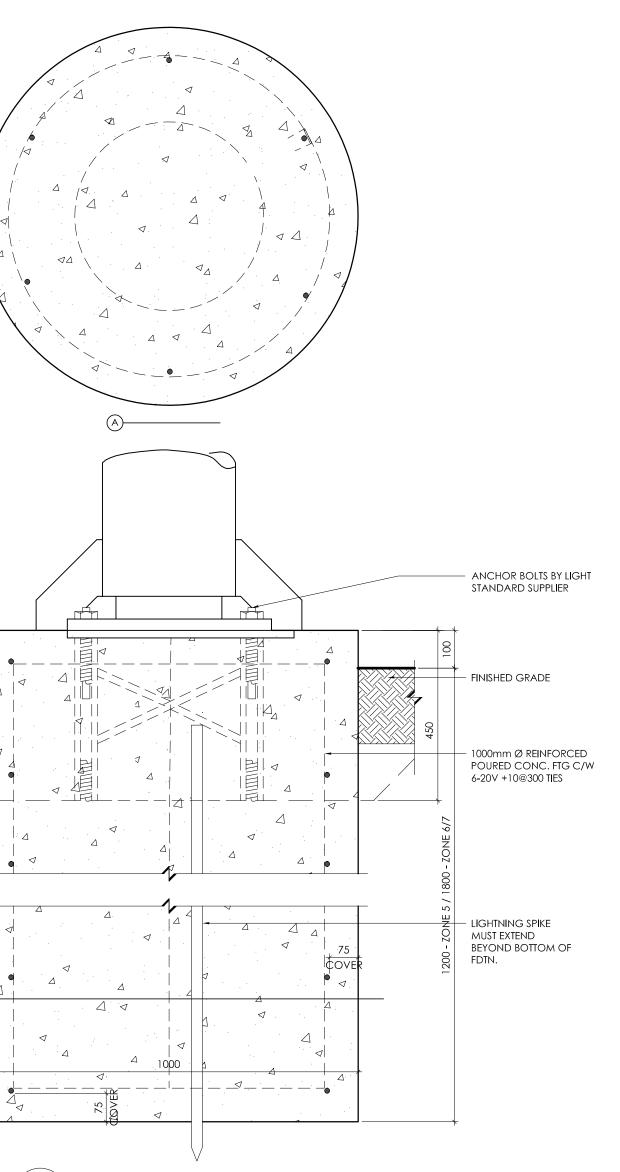
- ACRYLIC DOUBLE SLIDING DOORS

			PARTICULAR ISSUED FOR BUILDING PERMIT & TENDER	tor
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	NO. DATE       PARTICULAR         1       2017.02.21       ISSUED FOR CLENT REVIEW         3       2017.10.06       ISSUED FOR CLENT REVIEW         4       2017.10.12       ISSUED FOR CLENT REVIEW         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1	nd me		
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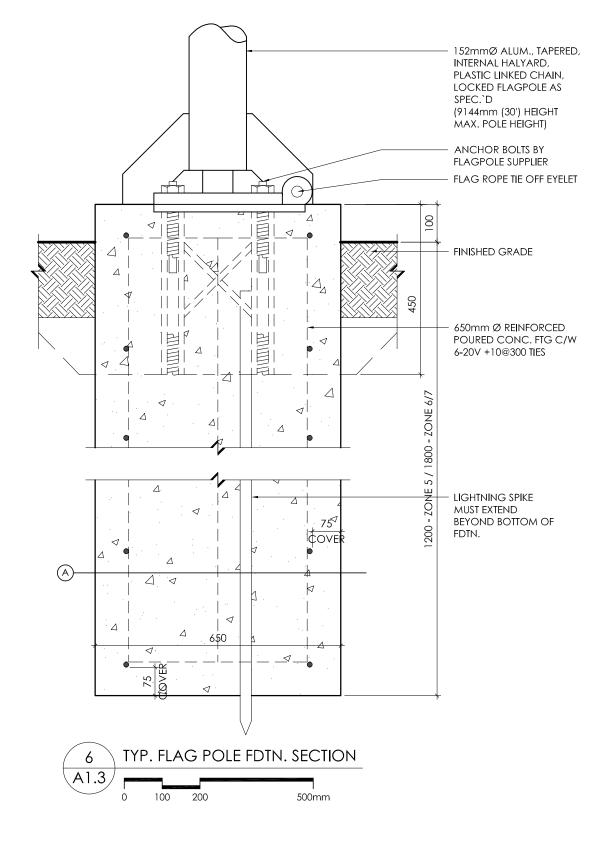
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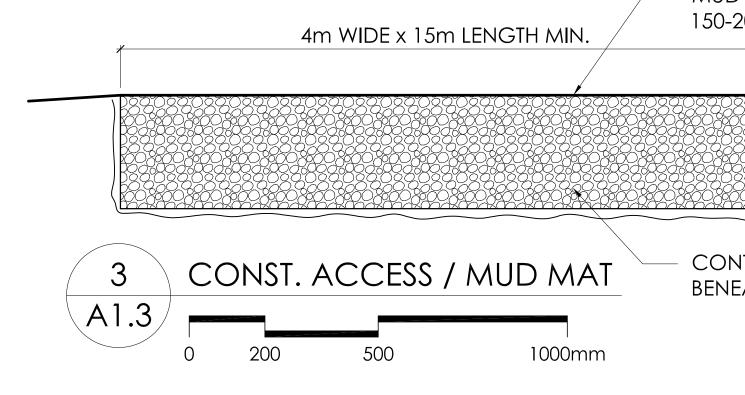
2 TYP. LIGHT STANDARD FDTN. SECTION 0 100 200





## DESIGNATED ACCESS FOR ALL CONSTRUCTION TRAFFIC.

INSTALL 'MUD MAT', AS PER DETAIL BELOW, PRIOR TO ANY OTHER CONSTRUCTION. MAT TO BE MAINTAINED IN GOOD WORKING ORDER UNTIL GRADING WORKS ARE COMPLETED AND GRANULAR "A" & "B" HAVE BEEN PLACED.



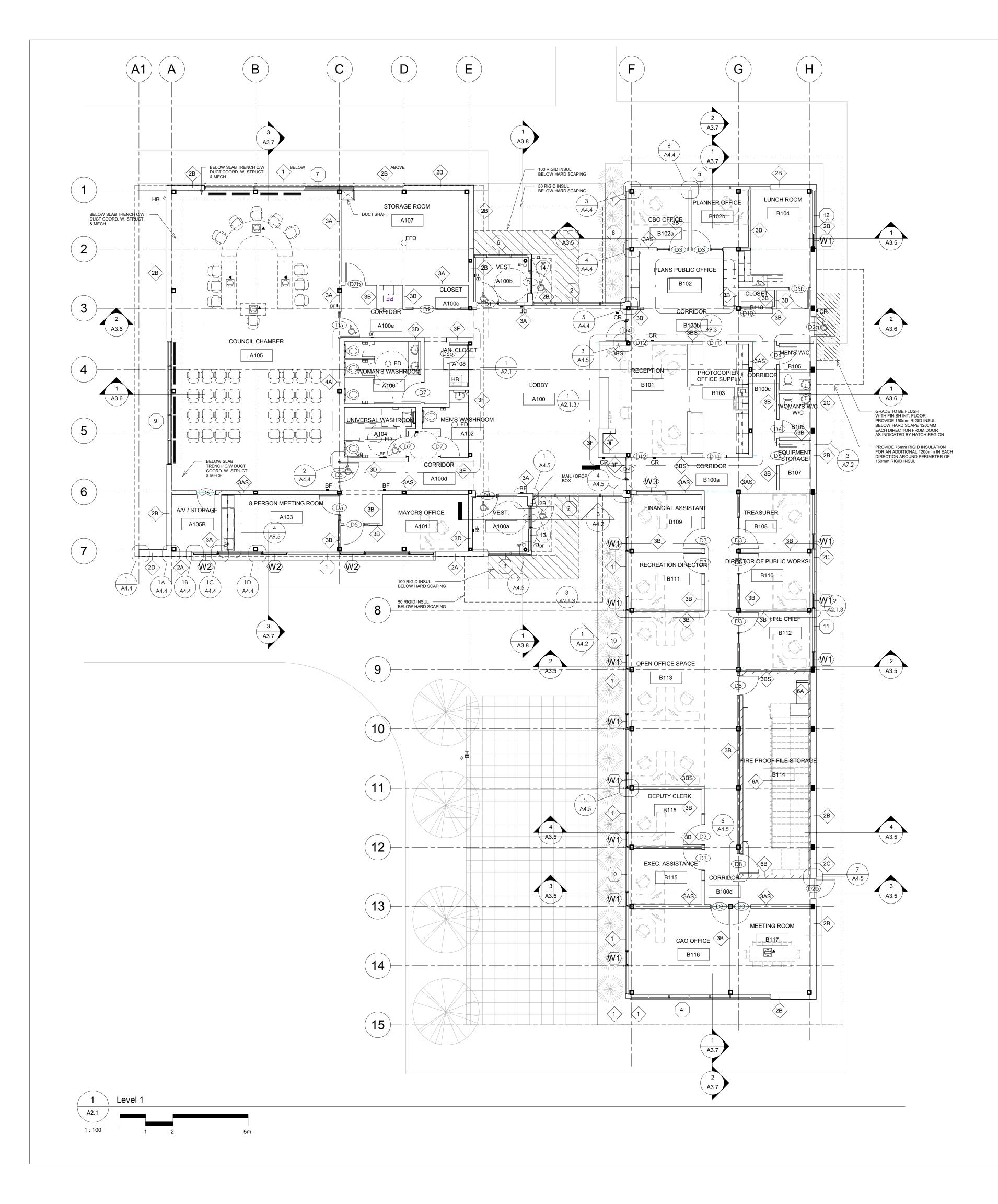
- LINE OF TRENCH CUT FOR ROAD OR WALK - FINISHED GRADE - SOD OR SEED AS REQ.'D TO EDGE OF ASPHALT AFTER BACKFILLED W/ topsoil – ASPHALT SURFACE, TAMP EDGE TO A STRAIGHT LINE

COORD. W/ SPEC.'S FOR ASPHALT & BASE THICKNESS/COMPACTION - extend stone bed

300mm MIN. BEYOND EDGE OF ASPHALT

MUD MAT 150-200Ø CLEAR STONE 300 CONT. FILTER FABRIC BENEATH STONES TYP.

	<b>SIONS</b> DATE	PARTICULAR	
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	FLOOR PLAN LEGEN	D
# # # A#.# # SIM	# A#.# A#.#	ELEVATION REFERENCE
	# A#.#	WALL SECTION REFERENCE
	# A#.#	BUILDING SECTION REFERENCE
	#### DATUM	A/F/F LEVEL # (ABOVE FINISHED FLOOR)
	$\bigcirc$	GRID LINE
	DR# RM#	DOOR TYPE
HO ML KL ED	DR#	DETAIL REFERENCE
	EX.	EX. DOOR TO REMAIN
	W#	WINDOW #
	CW#	CURTAIN WALL #
	<b>#</b>	SCREEN #
	RM. NAME ###	ROOM NO.
	#	WALL TYPE
	F#	FLR. TYPE
	Ġ.	POWER DOOR OPENER
AREA REFUC	OF R160	TYP. BF TURNING CIRCLE RADIUS & INDIVIDUAL AREA OF REFUGE LOCATION

HATCH IDENTIFICATION MARKER LEGEND

50mm INSUL. BELOW CONC. SLAB
EX. BLDG.
OPEN TO ABOVE / BELOW
MILLWORK / FURNITURE NOT IN CONTRACT
LOWER MILLWORK / FURNITURE IN CONTRACT
UPPER MILLWORK / FURNITURE IN CONTRACT
METAL GRATE FLR.

EX. BLDG.
OPEN TO ABOVE / BELOW
MILLWORK / FURNITURE NOT IN
CONTRACT
LOWER MILLWORK / FURNITURE IN

WALL IDENTIFICATION MARKER LEGEND

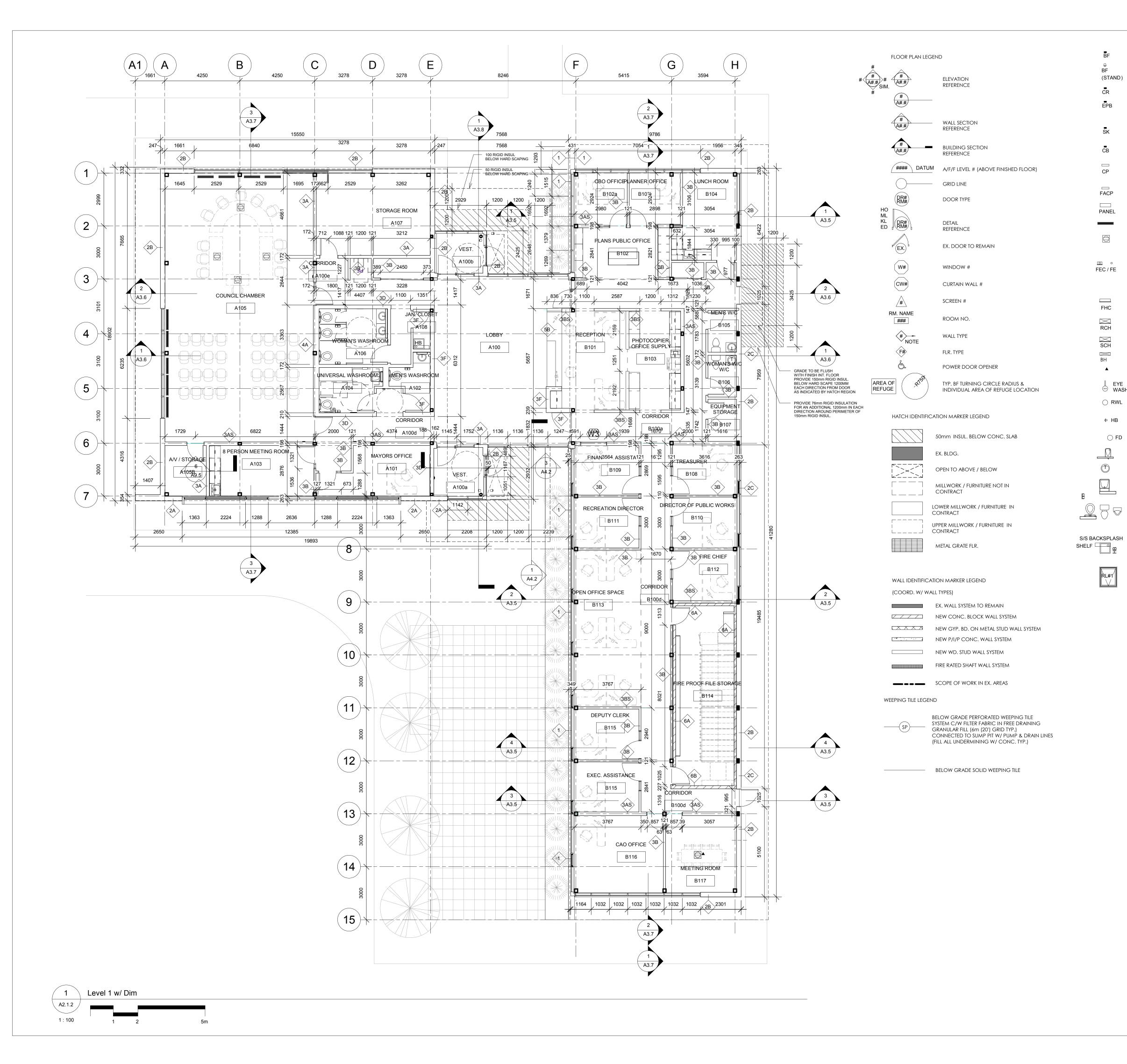
(COORD. W/ W)	ALL TYPES)
	EX. WALL SYSTEM TO REMAIN
	NEW CONC. BLOCK WALL SYSTEM
	NEW GYP. BD. ON METAL STUD WALL SYSTEM
	NEW P/I/P CONC. WALL SYSTEM
	NEW WD. STUD WALL SYSTEM
	FIRE RATED SHAFT WALL SYSTEM
	SCOPE OF WORK IN EX. AREAS
WEEPING TILE LEGE	ND

——( SP)—

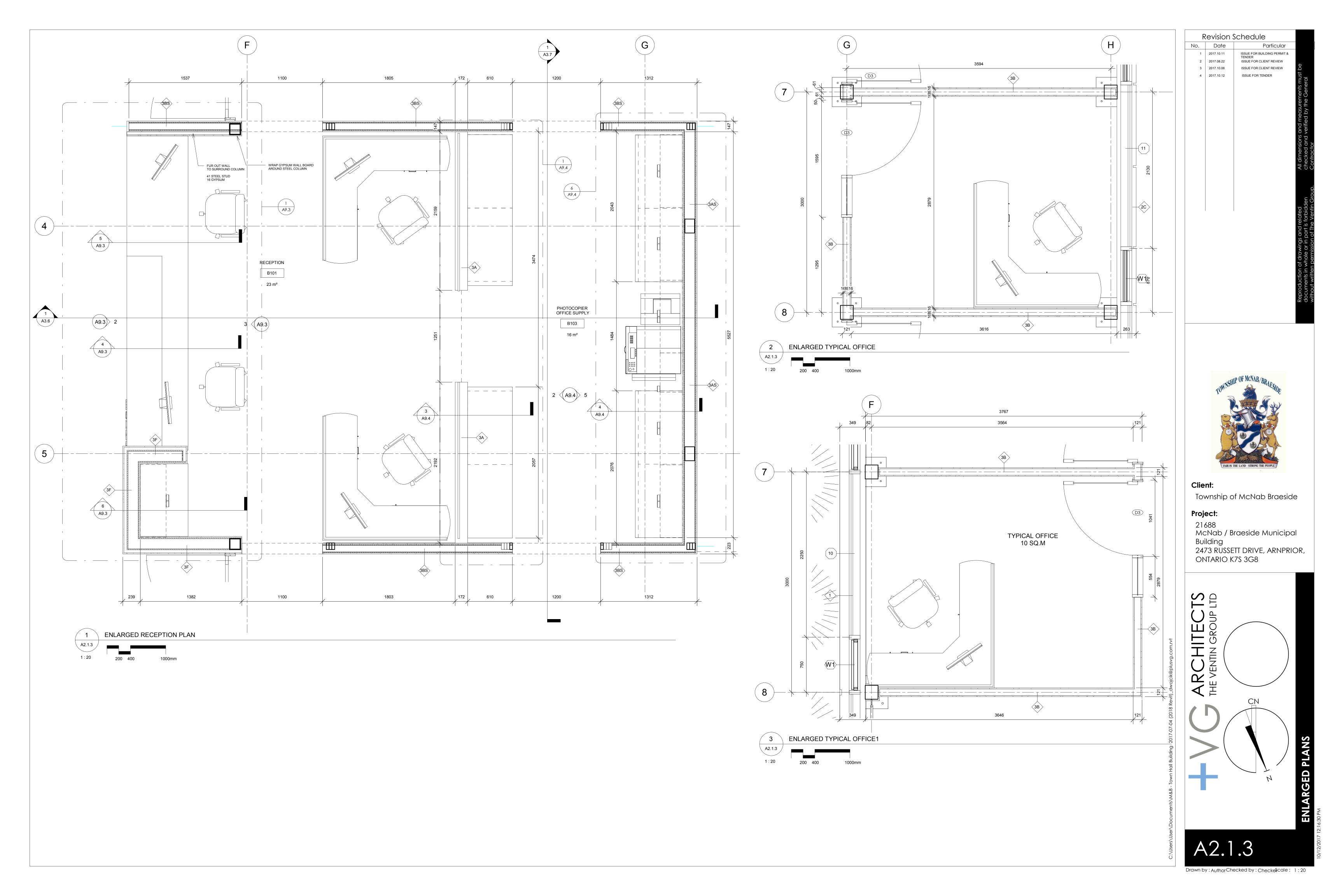
BELOW GRADE PERFORATED WEEPING TILE SYSTEM C/W FILTER FABRIC IN FREE DRAINING GRANULAR FILL (6m (20') GRID TYP.) CONNECTED TO SUMP PIT W/ PUMP & DRAIN LINES (FILL ALL UNDERMINING W/ CONC. TYP.)

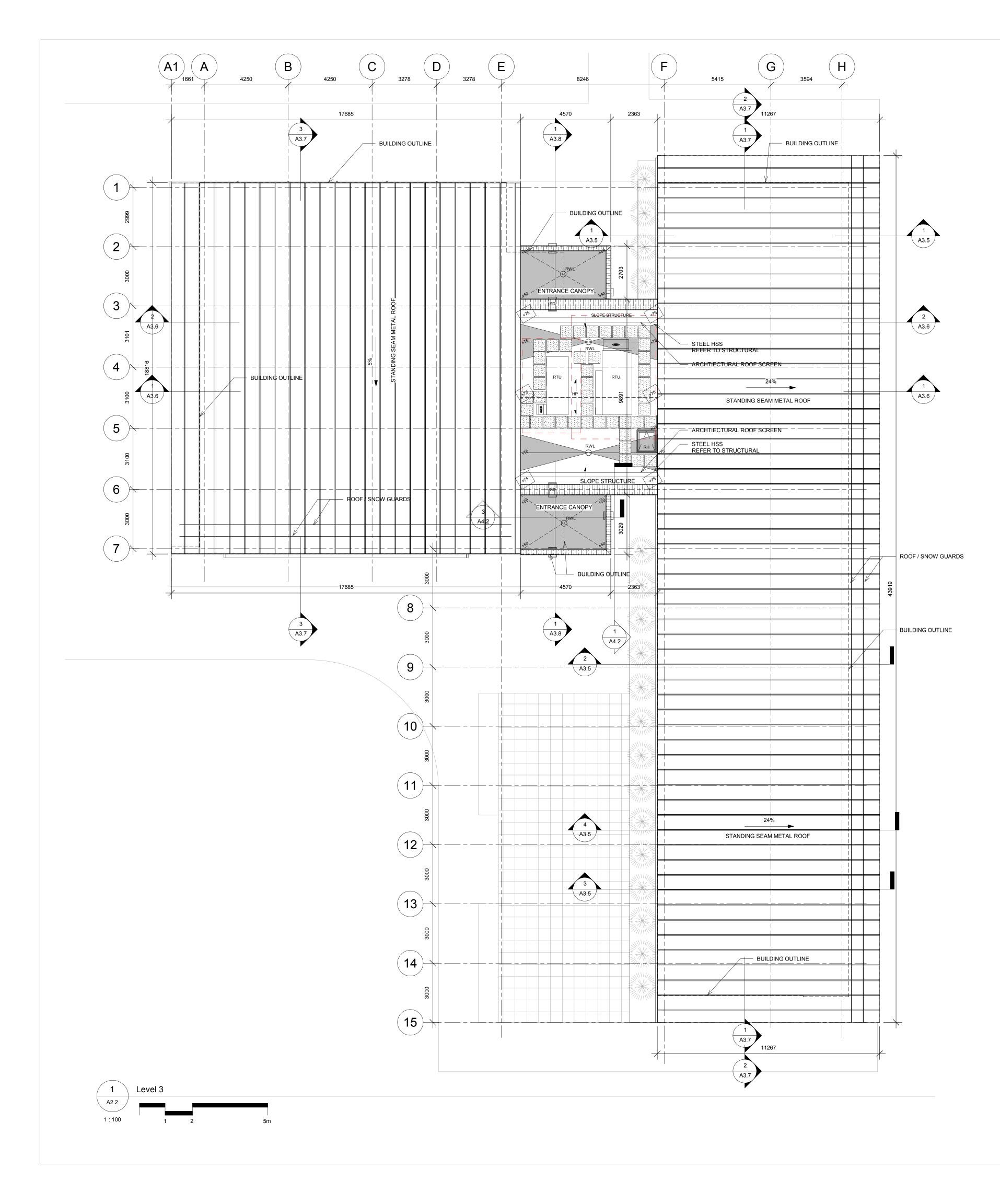
BELOW GRADE SOLID WEEPING TILE

			ion Sch	
BF	PUSH BUTTON FOR POWER DOOR OPERATOR - 610mm MIN. FROM THE DOOR SWING TOWARDS THE BUTTON TO 1500mm	No. Do	0.11 ISS	Particular SUE FOR BUILDING PERMIT & NDER
BF (STAND)	MAX. (925mm A/F/F TO CENTER OF BUTTON TYP.) CARD READER	2 2017.08 3 2017.10	3.22 IS	SUE FOR CLIENT REVIEW
CR EPB	(925mm A/F/F TO CENTER OF BUTTON TYP.) EMERGENCY PUSH BUTTON	4 2017.10	).12 IS	SSUE FOR CLIENT REVIEW O SSUE FOR TENDER SUCCESSUE FOR TENDER
ЕРВ	(925mm A/F/F TO CENTER OF BUTTON TYP.) (450mm A/F/F TO CENTER OF BUTTON IN UNIV. WR. TYP.)			Jrement the Ger
sĸ	SECURITY KEYPAD (COORD. W/ ELEC. DWG.'S)			
CB	CALL BUTTON (925mm A/F/F TO CENTER OF BUTTON TYP.)			and meas verified by
CP	CONTROL PANEL (PROVIDE SHOP DWG.'S FOR REVIEW BY OWNER)			isions ( and v
FACP	FIRE ANNUNCIATOR PANEL (COORD. FINAL RM. NAMES & #'S W/ OWNER)			dimer 9cked ntract
PANEL	ANNUNC. PANEL / ELEC. CABINET PROVIDE 19mm FIRE RATED PLYWD. BEHIND ALL PANELS AS REQ.'D			Co che
—	FLOOR GRILLE (SUPPLY AIR)			ġ
$\bigcirc$	POWER FLOOR BOX (COORD. W. ELEC.)			l Iden in Grou
ा⊡ ∘ FEC / FE	FIRE EXTINGUISHER / FIRE EXTINGUISHER & CABINET (1500mm MAX. A/F/F TO TOP OF EXTINGUISHER FOR UNDER 18KG'S) VERIFY W/ LOCAL AUTHORITES) (1100mm MAX A/F/F TO TOP OF EXTINGUISHER OVER 18KG.'S NOT EQUIP.'D W/ WHEELS)		I	ys and related n part is forbic n of The Vent
	RECESSED FIRE HOSE CABINET (METAL STUD FRAME - INSTALL WALL			rawing sle or in rmission
FHC	THICKNESS TO ENSURE RECESS) RECESSED CABINET HEATER (METAL STUD FRAME - INSTALL WALL			of dr whol
RCH	THICKNESS TO ENSURE RECESS) SURFACE CABINET HEATER			duction nents it writte
SCH	BASEBOARD HEATER			Reproc docum withou
▲	DATA SUPPLY (COORD. W. ELEC			
│ EYE ☺ WASH	EYE WASH STATION			
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Φ HB	HOSE BIB (800mm A/F GRADE)			
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			WNSHIP OF	MCNAB/BRAESIDE
	LAVATORY (IN VANITY)	ſ		The second second
	BARRIER FREE TOILET / WATER CLOSET /			
	URINAL		102 C	
S/S BACKSPLASH SHELF 9	MOP SINK W/ SHELF (HOSE BIB & S/S BACK SPLASH FULL HEIGHT (BOTH WALLS WHEN IN CORNER CONDITION) TO U/S MOP SHELF)		EAIR IS THE LAND	D - STRONG THE PEOPLE
RL#1	ROOF ACCESS LADDER HATCH	<b>Client:</b> Townsh	nip of M	1cNab Braeside
	SHOP DWG.'S TO BE IN DIMENSION UNITS AS ILLUSTRATED ON THIS DWG. OR THEY WILL BE REJECTED (IMPERIAL & METRIC BOTH SHOWN IS ACCEPTABLE)	Project:		
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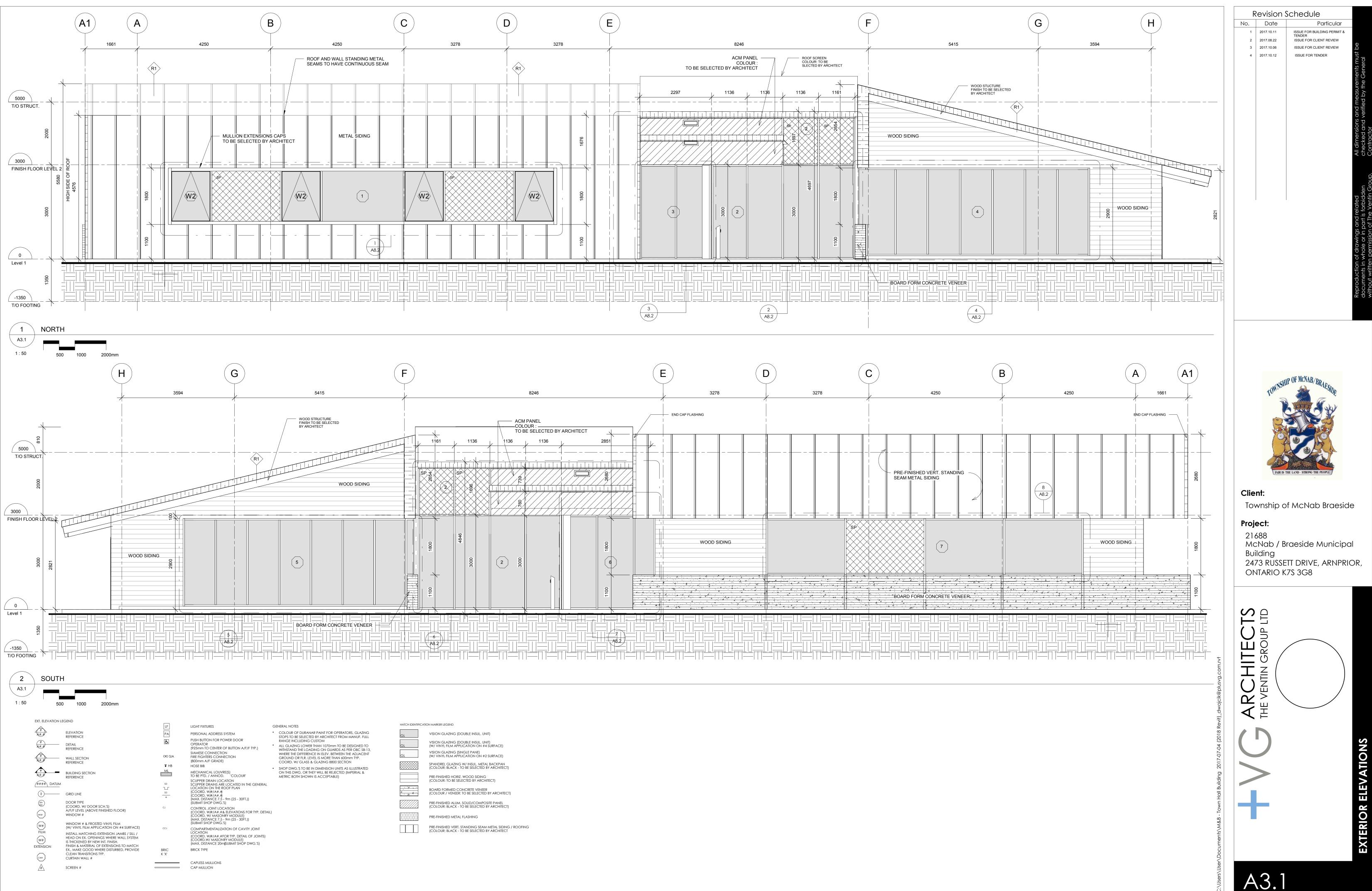


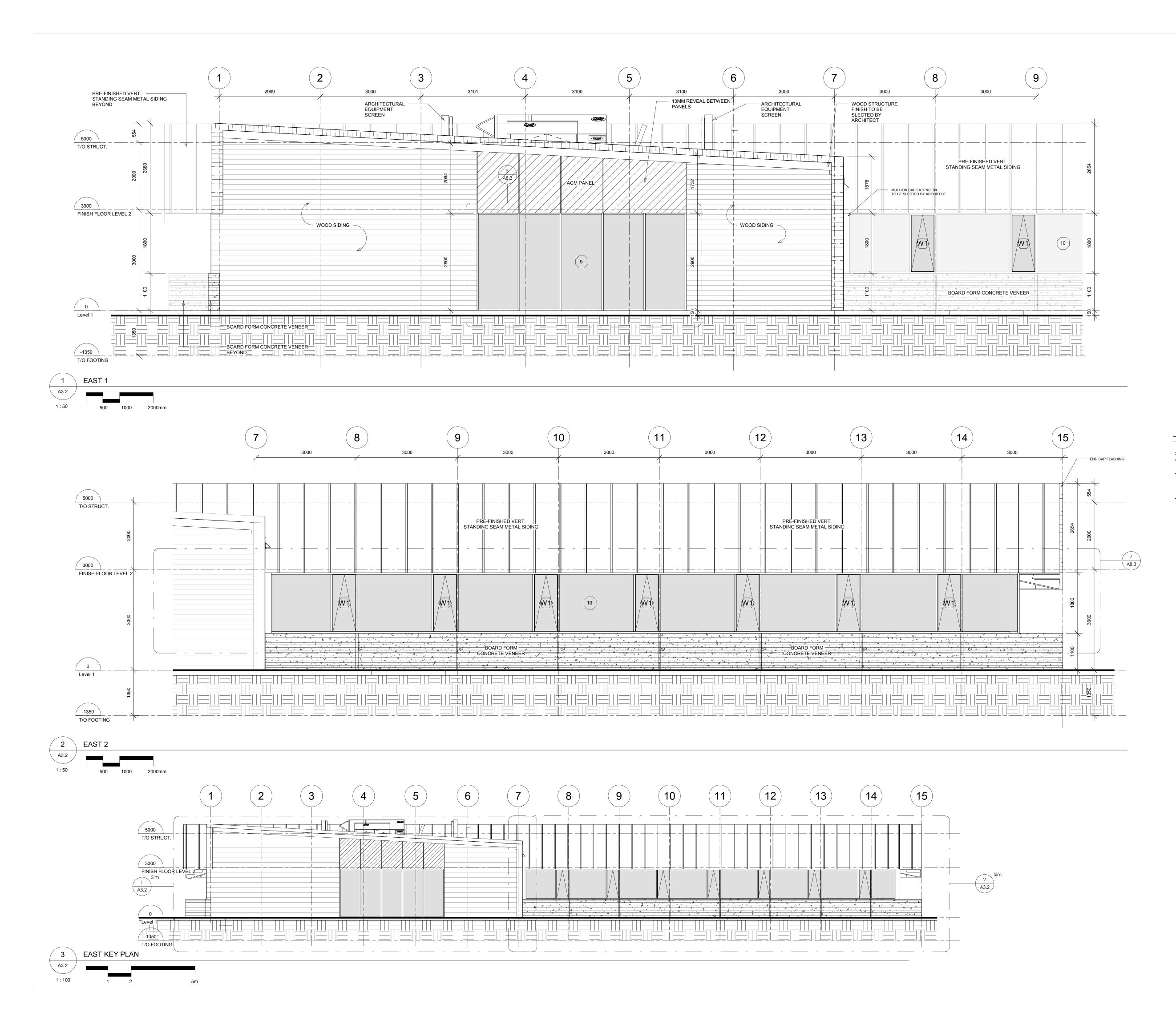
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	SH BUTTON FOR POWER DOOR		No. Date	Particular	
	ERATOR - 610mm MIN. FROM THE DOOR ING TOWARDS THE BUTTON TO 1500mm X.		1 2017.10.11 2 2017.08.22	ISSUE FOR BUILDING PERMIT & TENDER ISSUE FOR CLIENT REVIEW	
(92	smm A/F/F TO CENTER OF BUTTON TYP.) RD READER		3 2017.10.06 4 2017.10.12	ISSUE FOR CLIENT REVIEW	ust be
(92	5mm A/F/F TO CENTER OF BUTTON TYP.)				ients must General
(92	ERGENCY PUSH BUTTON 5mm A/F/F TO CENTER OF BUTTON TYP.) 0mm A/F/F TO CENTER OF BUTTON IN UNIV. WR. TYP.)				emer Je Ge
	CURITY KEYPAD DORD. W/ ELEC. DWG.'S)				easurer by the
CA	LL BUTTON				and mo verified
	5mm A/F/F TO CENTER OF BUTTON TYP.)				ons ar nd ve
	ONTROL PANEL OVIDE SHOP DWG.'S FOR REVIEW BY OWNER)				nension (ed an actor
(CC ANI PRC	E ANNUNCIATOR PANEL DORD. FINAL RM. NAMES & #'S W/ OWNER) NUNC. PANEL / ELEC. CABINET DVIDE 19mm FIRE RATED /WD. BEHIND ALL PANELS AS REQ.'D				All dimensions and measurements mu checked and verified by the General . Contractor
					an Group
	WER FLOOR BOX DORD. W. ELEC.)				lated orbidden Ventin Gr
(150 VER	e extinguisher / Fire extinguisher & Cabinet 00mm MAX. A/F/F TO TOP OF EXTINGUISHER FOR UNDER 18KG'S) RIFY W/ LOCAL AUTHORITES) 00mm MAX A/F/F TO TOP OF EXTINGUISHER OVER 18KG.'S NOT EQUIP.'D W/ WHEELS)				igs and rela in part is forl on of The Ve
(ME THIC REC (ME	CESSED FIRE HOSE CABINET ETAL STUD FRAME - INSTALL WALL CKNESS TO ENSURE RECESS) CESSED CABINET HEATER ETAL STUD FRAME - INSTALL WALL CKNESS TO ENSURE RECESS)				uction of drawin ents in whole or written permissi
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	TA SUPPLY DORD. W. ELEC				
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	SE BIB 0mm A/F GRADE)				
	2. DRAIN				
	INKING FOUNTAIN /ATORY (IN VANITY)		TOWNSHI	P OF MCNAB/BRAESIDE	
	VATORY, WALL HUNG, RRIER FREE				
URI	ILET / WATER CLOSET / NAL		0		
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RO	OF ACCESS LADDER HATCH		<b>Client:</b> Township o	f McNab Braesic	le
ON	DP DWG.'S TO BE IN DIMENSION UNITS AS ILLUSTRATED I THIS DWG. OR THEY WILL BE REJECTED (IMPERIAL & TRIC BOTH SHOWN IS ACCEPTABLE)		Building	raeside Municip TT DRIVE, ARNPR 7S 3G8	
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		Revision ScheduleNo.DateParticular
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		2 2017.08.22 ISSUE FOR CLIENT REVIEW 3 2017.10.06 ISSUE FOR CLIENT REVIEW
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	REFERENCE	mensi actor
# A##	BUILDING SECTION REFERENCE	All dir Contr
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	SCREEN #	awings and re or in part is f
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^	WALL TYPE	of dra whole
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		Reproduction documents in without writte
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XX	HEIGHT OF RIGID INSULATION	
HATCH IDENTIFI	CATION MARKER LEGEND	
	50mm INSUL. BELOW CONC. SLAB	
	AREA OF TAPERED INSULATION	
	PRE-FINISHED METAL FLASHING.	
		TOWNSHIP OF MCNAB/BRAESIDE
	CONCRETE PAVERS WITH RIGID INSULATION	TON SOLE
	PRE-FINISHED METAL ROOFING	
WALL IDENTIFIC	ATION MARKER LEGEND	
(COORD. W/ W	/ALL TYPES)	
	ex. Wall system to remain New Conc. Block Wall system	FAIR IS THE LAND STRONG THE PEOPLE
	NEW GYP. BD. ON METAL STUD WALL SYSTEM	
	NEW P/I/P CONC. WALL SYSTEM	Client:
	NEW WD. STUD WALL SYSTEM FIRE RATED SHAFT WALL SYSTEM	Township of McNab Braeside
	SCOPE OF WORK IN EX. AREAS	Project:
		21688 McNab / Braeside Municipal
•	DATA SUPPLY (COORD. W. ELEC	Building
⊫ EYE ☺ WASH	EYE WASH STATION	2473 RUSSETT DRIVE, ARNPRIOR, ONTARIO K7S 3G8
⊖ RWL	RAIN WATER LEADER	
🏁 SIA	SIAMESE CONNECTION FIRE FIGHTERS CONNECTION (800mm A/F GRADE)	
⊕ HB	(800mm A/F GRADE) (800mm A/F GRADE)	
⊖ RD	ROOF DRAIN	
SD	SCUPPER DRAIN	
RH	ROOF ACCESS HATCH	
( <u> </u>		
		2018 Revit)_dwojcik@plusvg.com.rvt
	ROOF TOP UNITS	
RTU RTU		2017-07-04
	SHOP DWG.'S TO BE IN DIMENSION UNITS AS ILLUSTRATED	Cuments/M&B - Town Ha
	ON THIS DWG. OR THEY WILL BE REJECTED (IMPERIAL & METRIC BOTH SHOWN IS ACCEPTABLE)	&B - Tc
		Socumé
		C:Users/User/Documents/M&B - Town Hall Building





#### EXT. ELEVATION LEGEND ELEVATION REFERENCE (# \ \\\\\#.# DETAIL REFERENCE # WALL SECTION REFERENCE BUILDING SECTION REFERENCE #### DATUM (?) GRID LINE DR# DOOR TYPE (COORD. W/ DOOR SCH.'S) A/F/F LEVEL (ABOVE FINISHED FLOOR) (w#) WINDOW # W# FILM WINDOW # & FROSTED VINYL FILM (W/ VINYL FILM APPLICATION ON #4 SURFACE) INSTALL MATCHING EXTENSION JAMBS / SILL / W#) EXTENSION HEAD ON EX. OPENINGS WHERE WALL SYSTEM IS THICKENED BY NEW INT. FINISH. FINISH & MATERIAL OF EXTENSIONS TO MATCH EX., MAKE GOOD WHERE DISTURBED, PROVIDE CLEAN TRANSITIONS TYP. Cw# CURTAIN WALL # # SCREEN # LF LIGHT FIXTURES PERSONAL ADDRESS SYSTEM PA PUSH BUTTON FOR POWER DOOR 6 OPERATOR (925mm TO CENTER OF BUTTON A/F/F TYP.) SIAMESE CONNECTION œ SIA FIRE FIGHTERS CONNECTION (800mm A/F GRADE) T HB HOSE BIB MECHANICAL LOUVRE(S) TO BE PTD. / ANNOD. 'COLOUR' ML SCUPPER DRAIN LOCATION SCUPPER DRAINS ARE LOCATED IN THE GENERAL LOCATION ON THE ROOF PLAN J. (COORD. W#/A#.#) (COORD. W#/A#.#) (MAX. DISTANCE 7.5 - 9m (25 - 30FT.)) (SUBMIT SHOP DWG.'S) CONTROL JOINT LOCATION BOARD FORM CONCRETE VENEER CONTROL JOINT TO BE 100mm REVEAL WITH CONTROL JOINT CENTERD COMPARTMENTALIZATION OF CAVITY JOINT LOCATION (COORD. W#/A#.#FOR TYP. DETAIL OF JOINTS) (COORD.W/ MASONRY MODULE) (MAX. DISTANCE 20mjSUBMIT SHOP DWG.'S) BRICK TYPE BRIC K 'X' CAPLESS MULLIONS \_\_\_\_\_ CAP MULLION \_\_\_\_\_ GENERAL NOTES COLOUR OF DURANAR PAINT FOR OPERATORS, GLAZING STOPS TO BE SELECTED BY ARCHITECT FROM MANUF. FULL RANGE INCLUDING CUSTOM ALL GLAZING LOWER THAN 1070mm TO BE DESIGNED TO WITHSTAND THE LOADING ON GUARDS AS PER OBC SB-13, WHERE THE DIFFERENCE IN ELEV. BETWEEN THE ADJACENT GROUND OR FLR. LEVEL IS MORE THAN 600mm TYP COORD. W/ GLASS & GLAZING 8800 SECTION

 SHOP DWG.'S TO BE IN DIMENSION UNITS AS ILLUSTRATED ON THIS DWG, OR THEY WILL BE REJECTED (IMPERIAL & METRIC BOTH SHOWN IS ACCEPTABLE)

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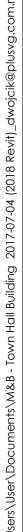
HATCH IDENTIFICATION MARKER LEGEND VISION GLAZING (DOUBLE INSUL. UNIT) VISION GLAZING (DOUBLE INSUL. UNIT) (W/ VINYL FILM APPLICATION ON #4 SURFACE) VISION GLAZING (SINGLE PANE) (W/ VINYL FILM APPLICATION ON #2 SURFACE) SPANDREL GLAZING W/ INSUL. METAL BACKPAN (COLOUR: BLACK - TO BE SELECTED BY ARCHITECT) PRE-FINISHED HORIZ. WOOD SIDING (COLOUR: TO BE SELECTED BY ARCHITECT) BOARD FORMED CONCRETE VENEER (COLOUR / VENEER: TO BE SELECTED BY ARCHITECT)

> CEMENTITIOUS PANEL COLOUR: BLACK - TO BE SELECTED BY ARCHITECT PRE-FINISHED ALUM. SOLID/COMPOSITE PANEL (COLOUR: BLACK - TO BE SELECTED BY ARCHITECT)

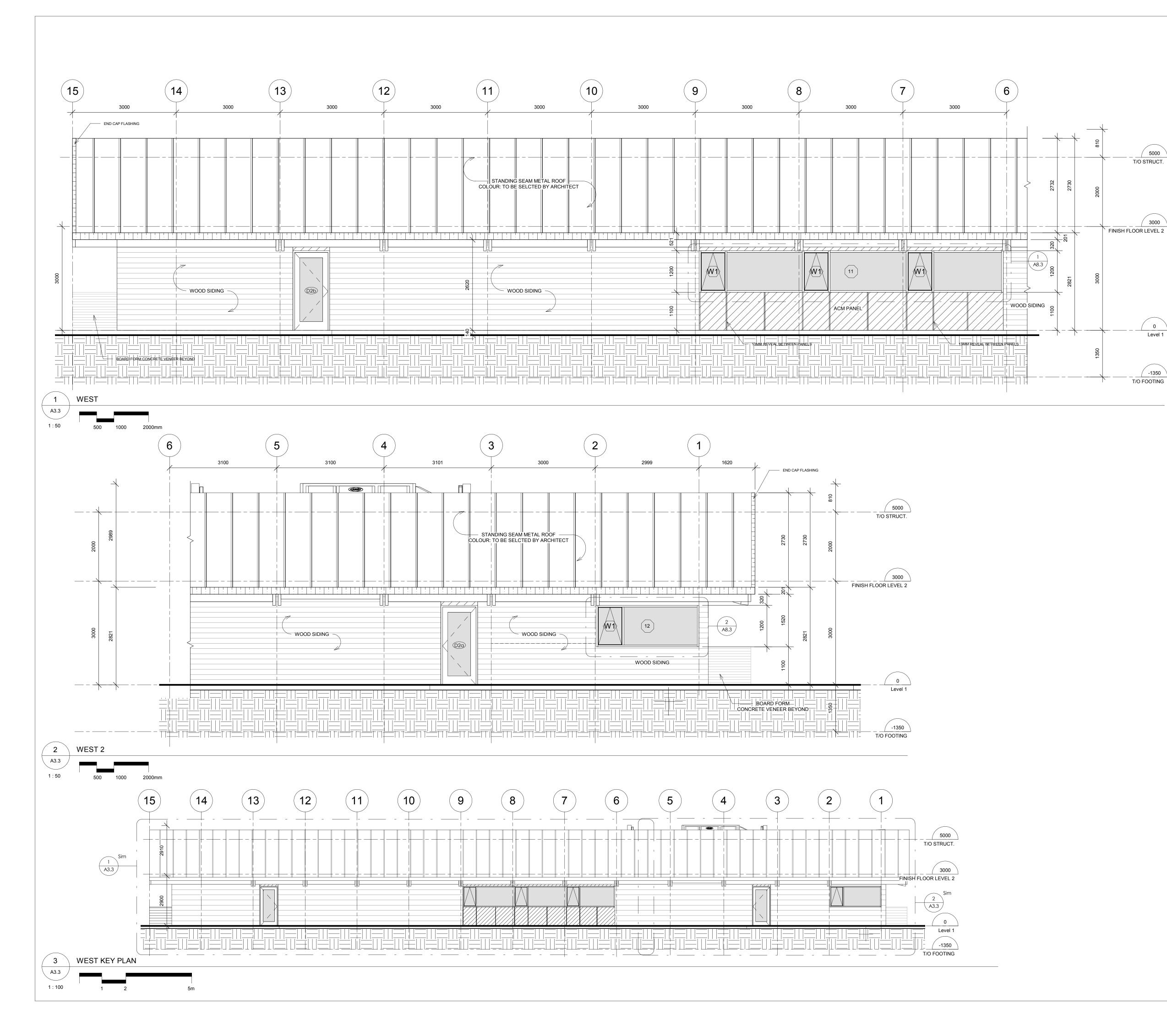
PRE-FINISHED METAL FLASHING

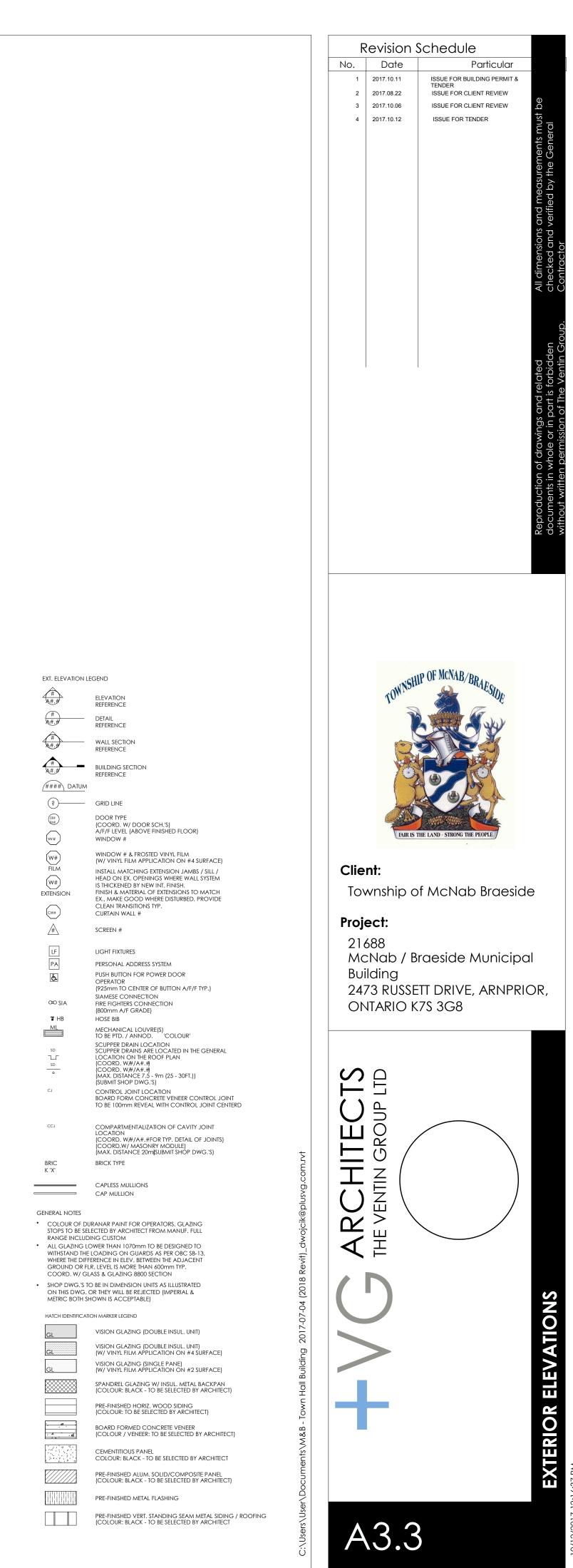
PRE-FINISHED VERT. STANDING SEAM METAL SIDING / ROOFING (COLOUR: BLACK - TO BE SELECTED BY ARCHITECT

# **Revision Schedule** No. Date Particular ISSUE FOR BUILDING PERMIT & TENDER 1 2017.10.11 ISSUE FOR CLIENT REVIEW 2 2017.08.22 3 2017.10.06 ISSUE FOR CLIENT REVIEW 4 2017.10.12 ISSUE FOR TENDER OF MCNAR/ CIAIN IS THE Client: Township of McNab Braeside Project: 21688 McNab / Braeside Municipal Building 2473 RUSSETT DRIVE, ARNPRIOR, ONTARIO K7S 3G8 TS $\bigcup$ CHITE( $\tilde{\mathbf{C}} >$ ¥ ₩ XTERIOR ELEVATION

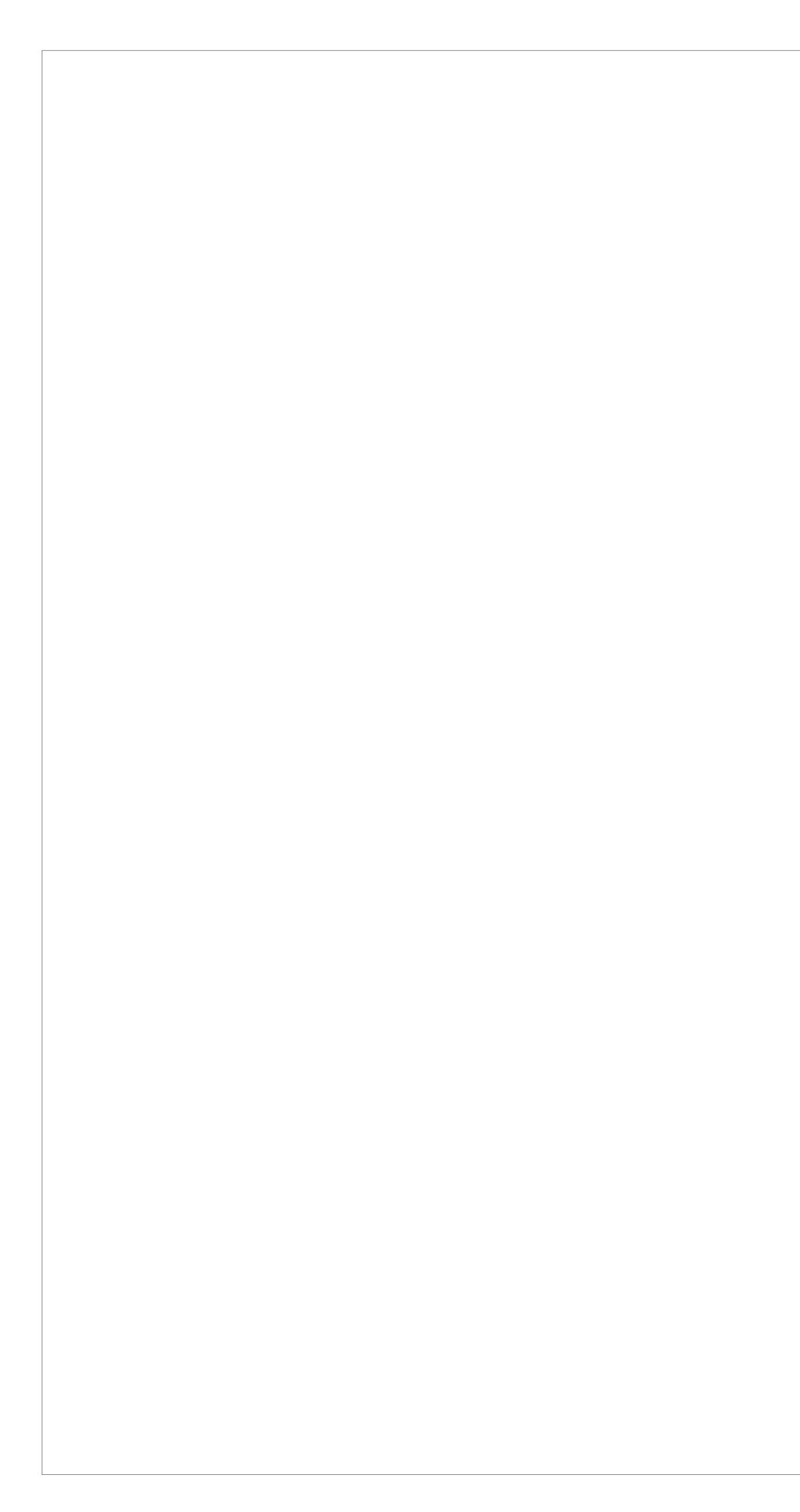


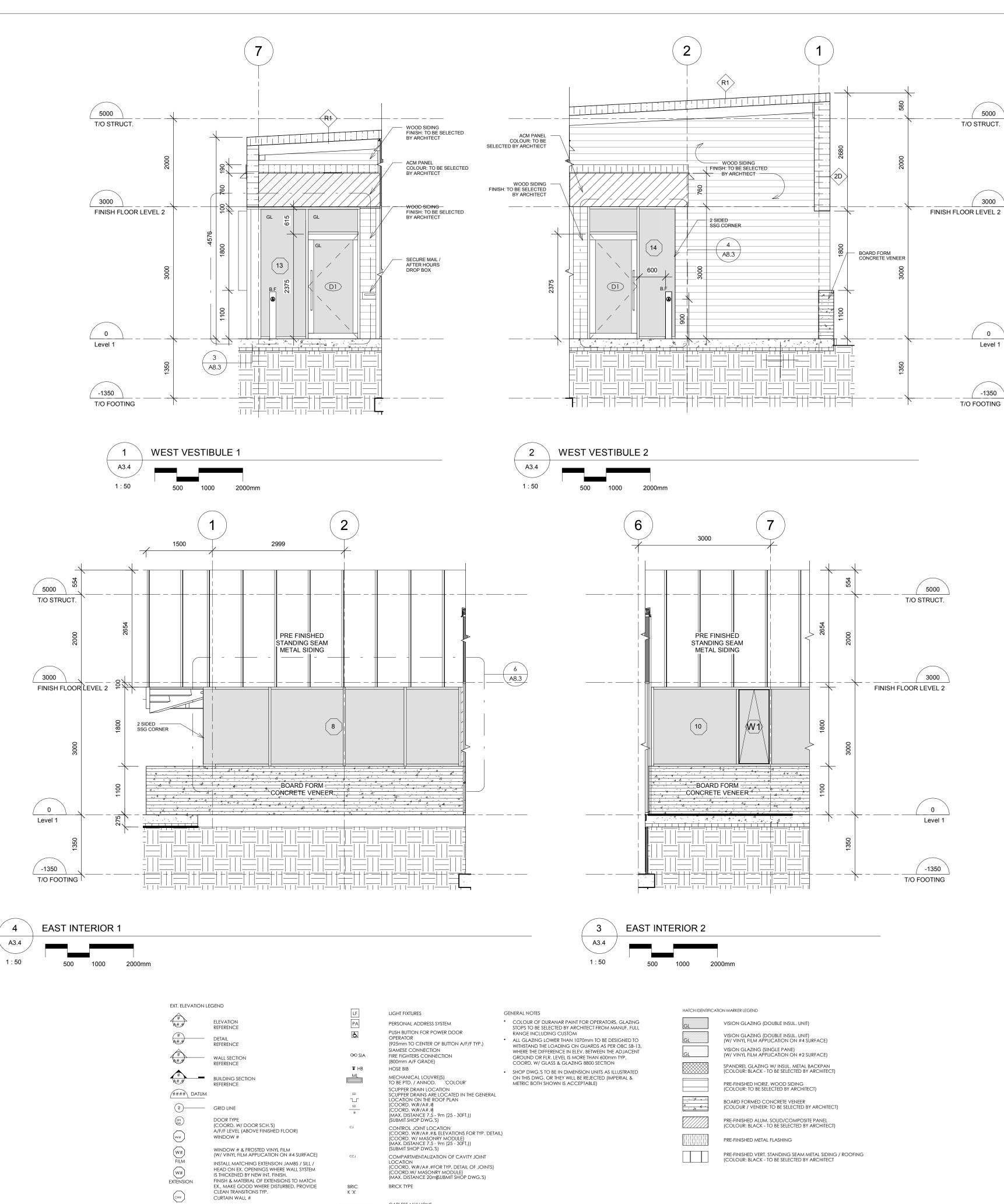
A3.2





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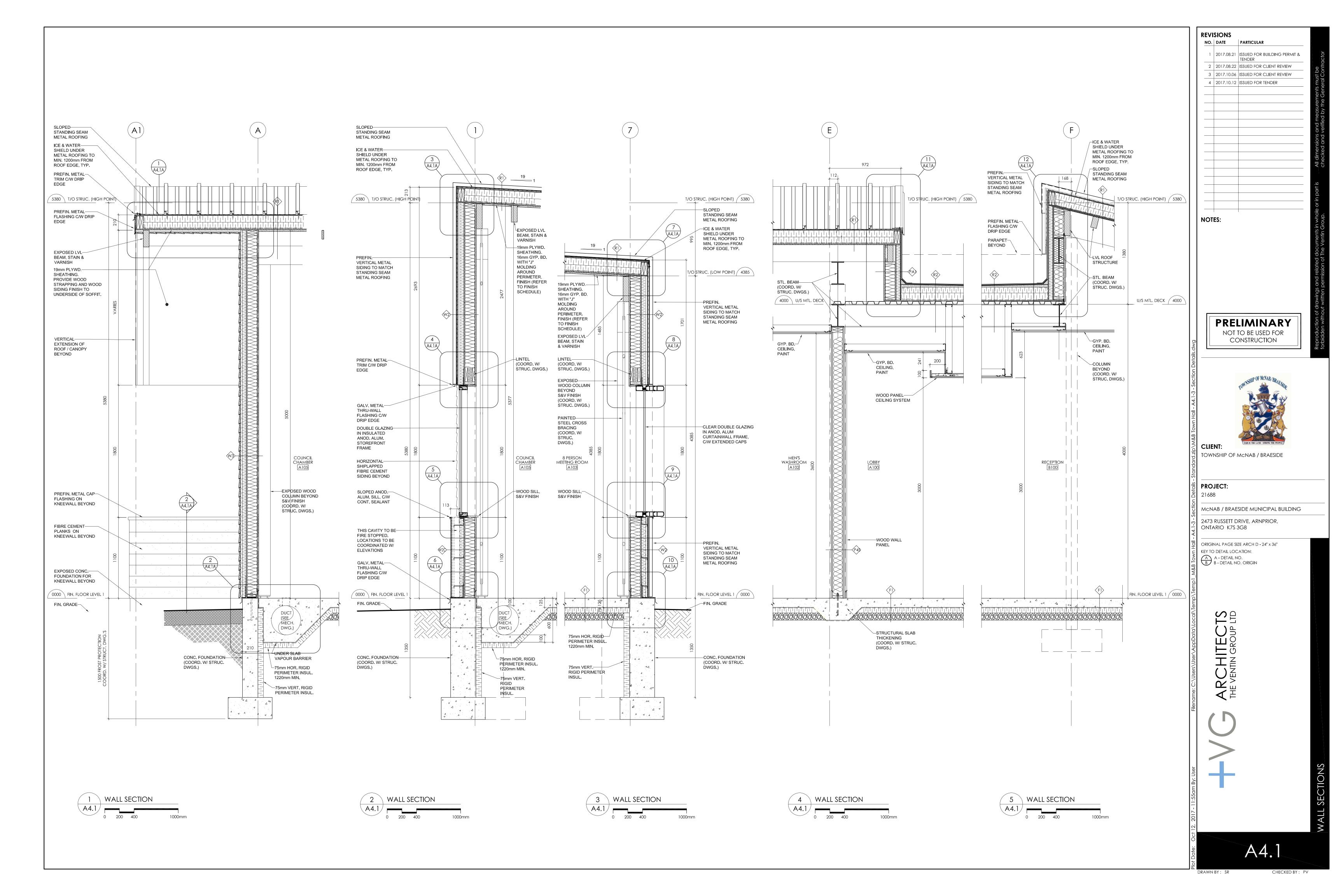
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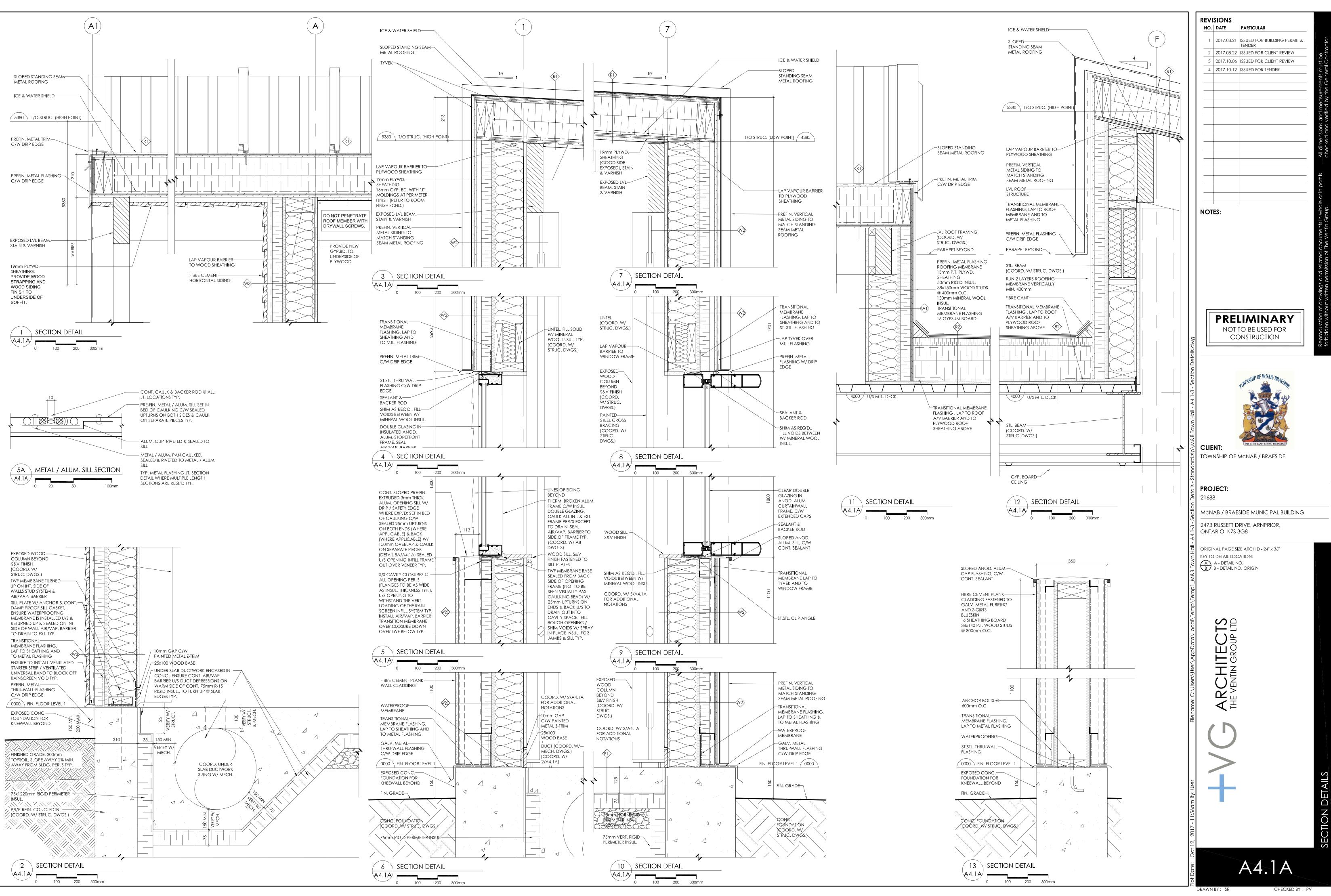
SCREEN #

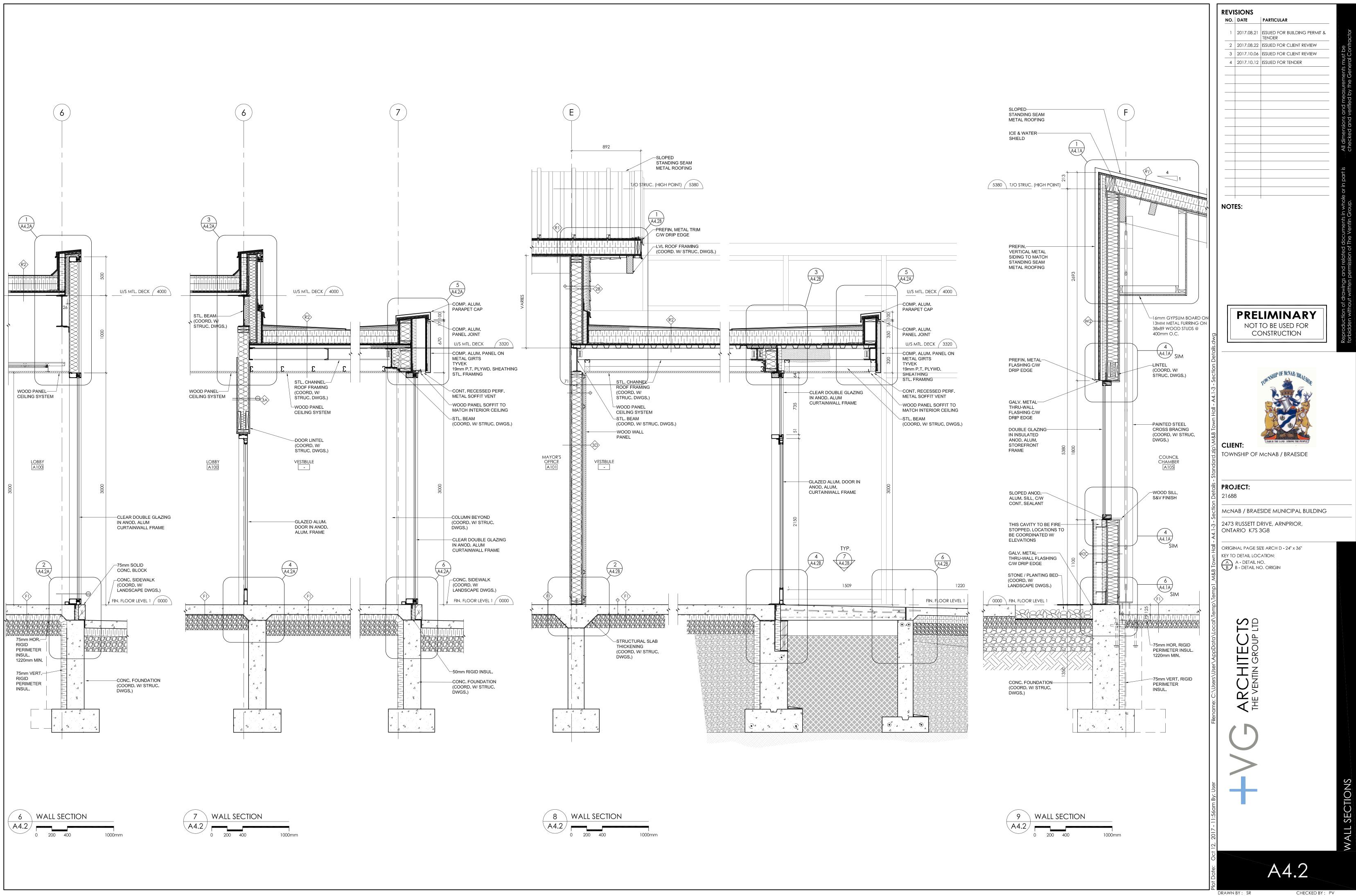
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CAP MULLION

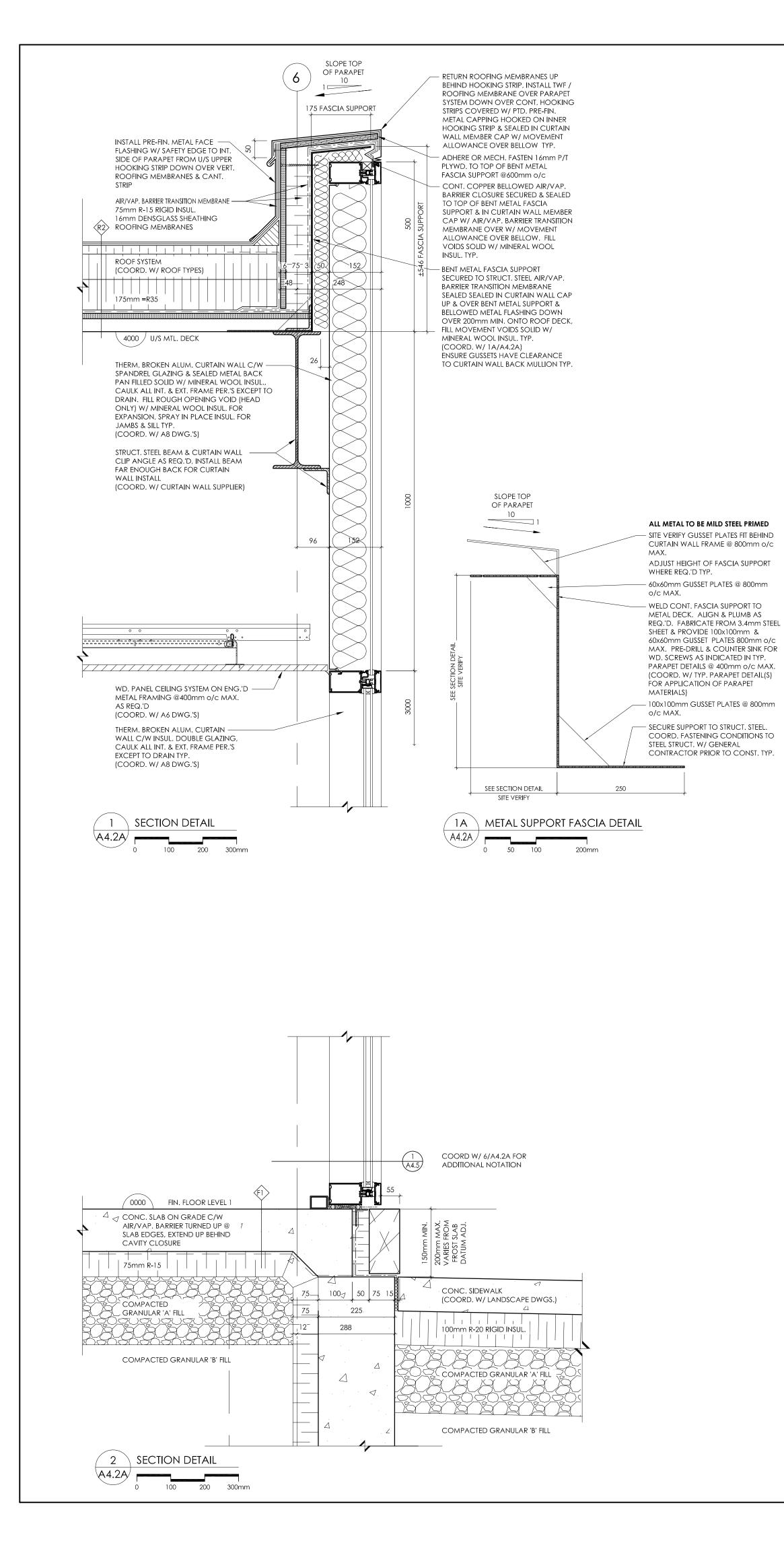


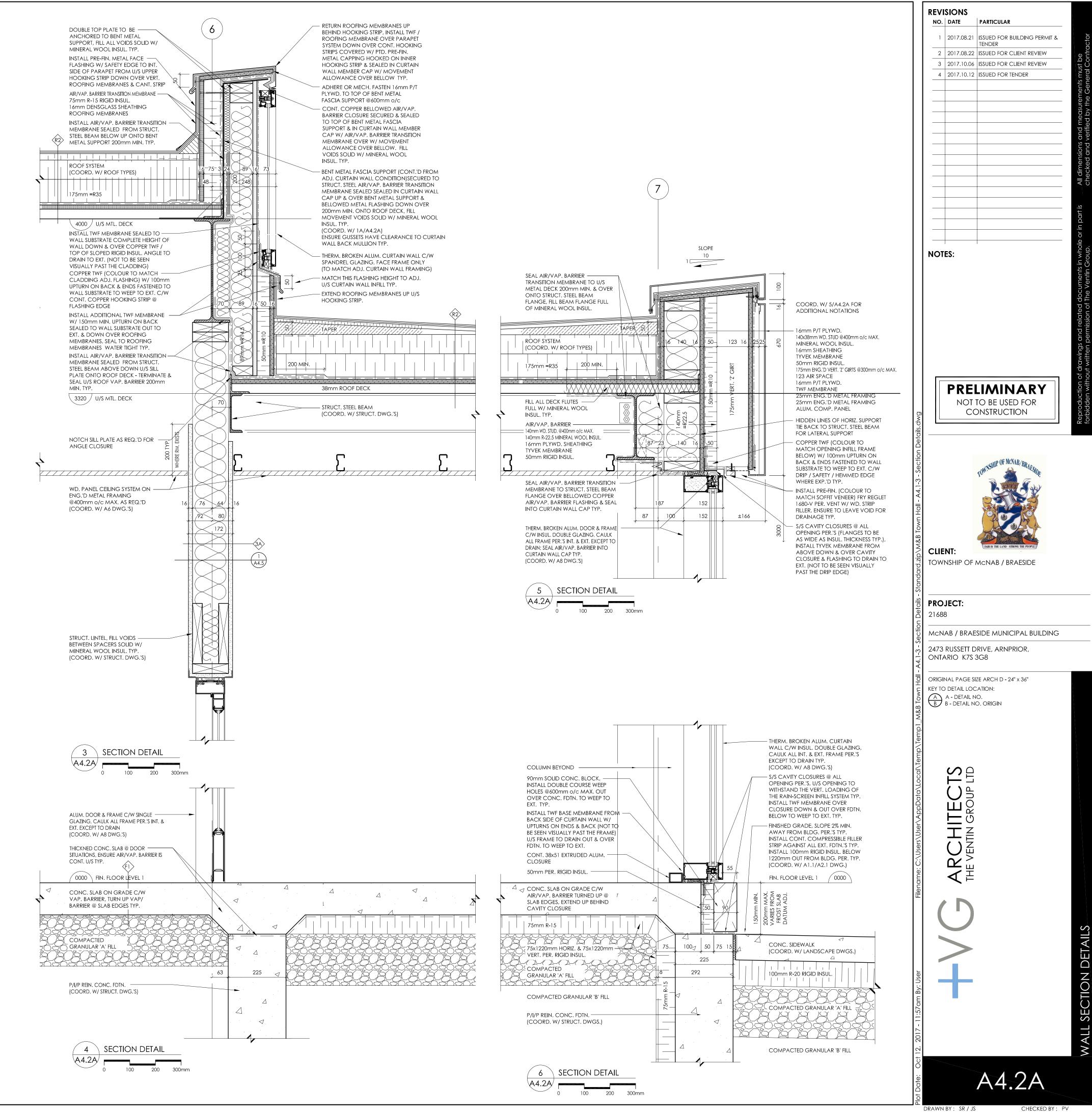




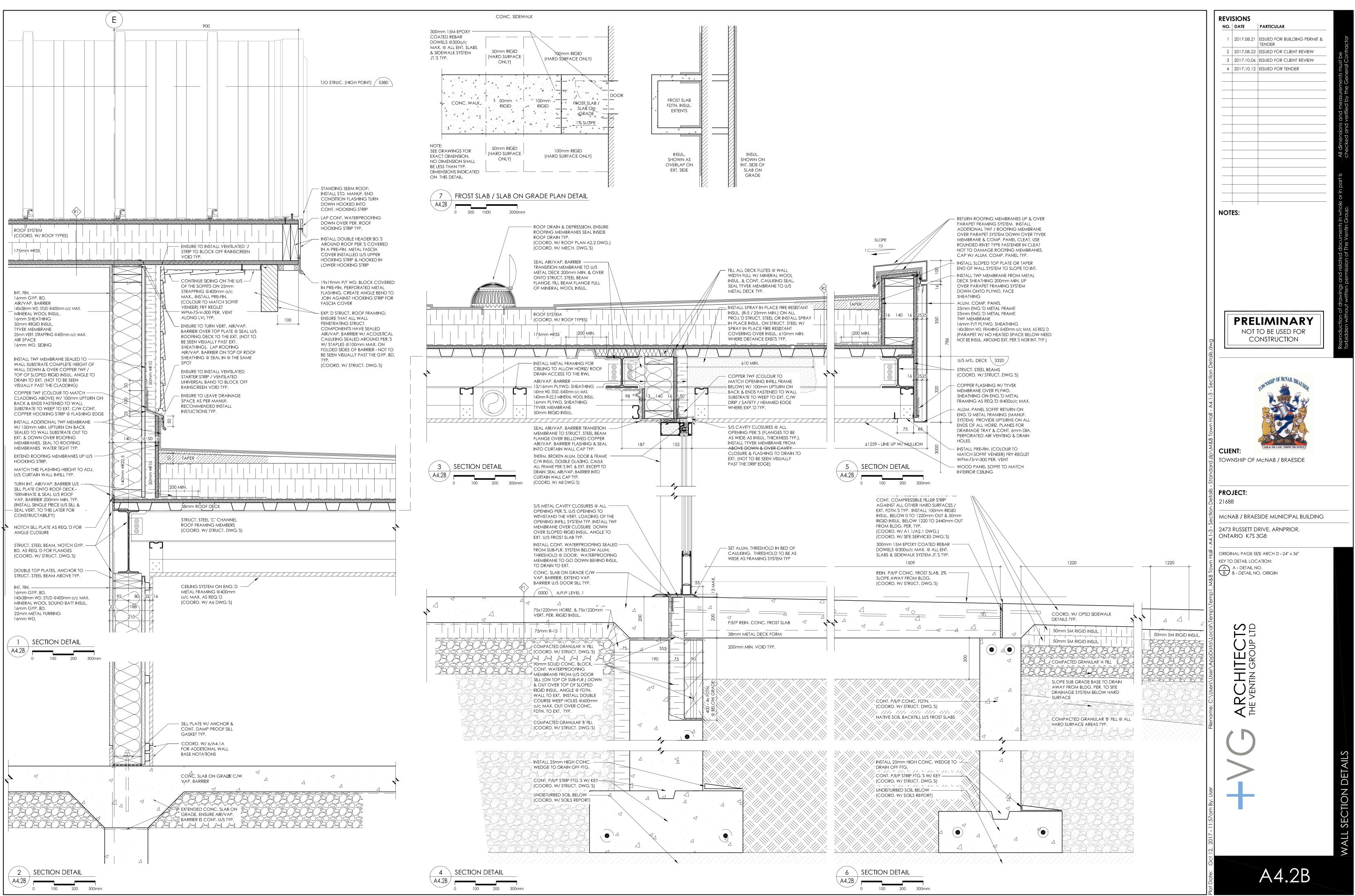


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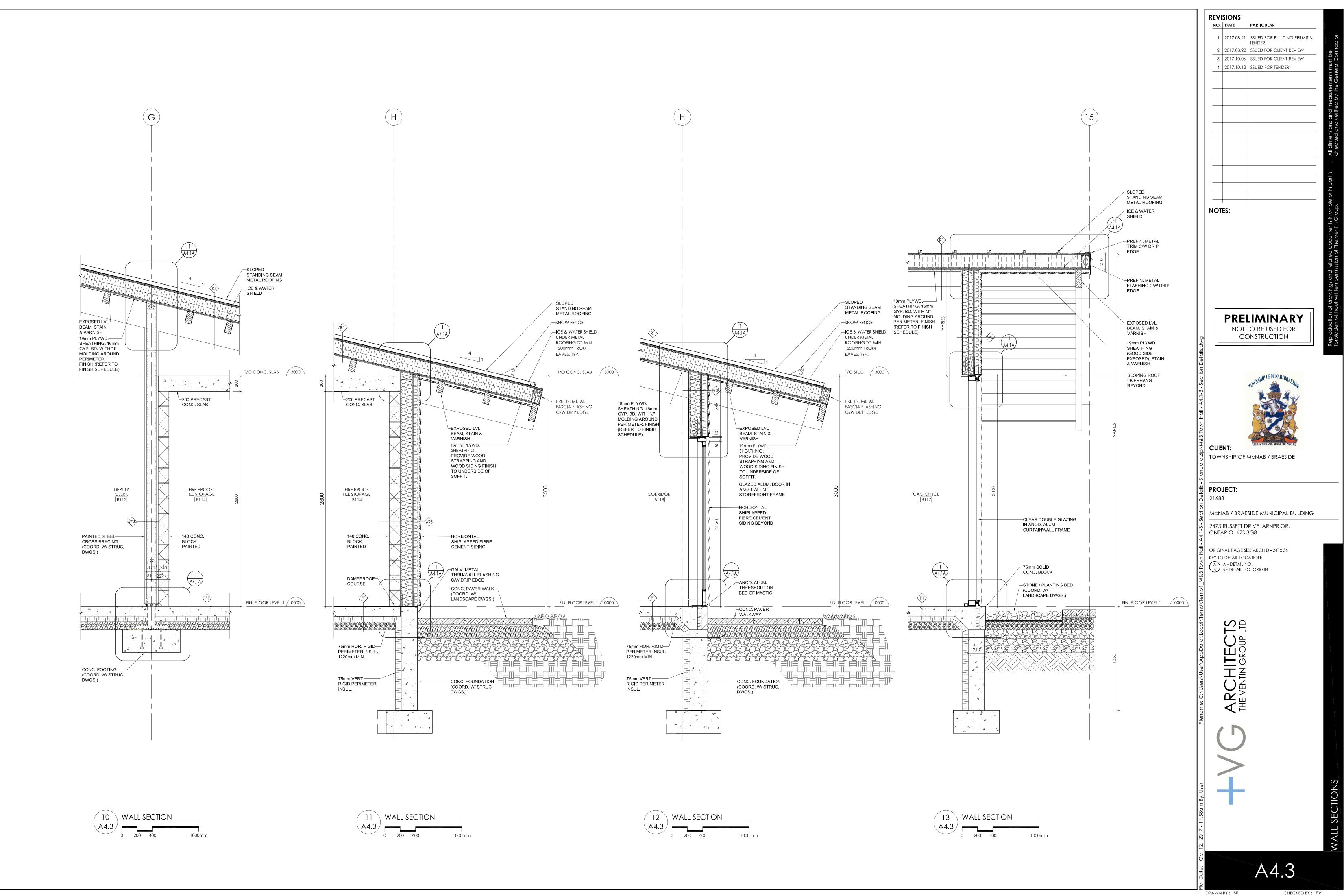


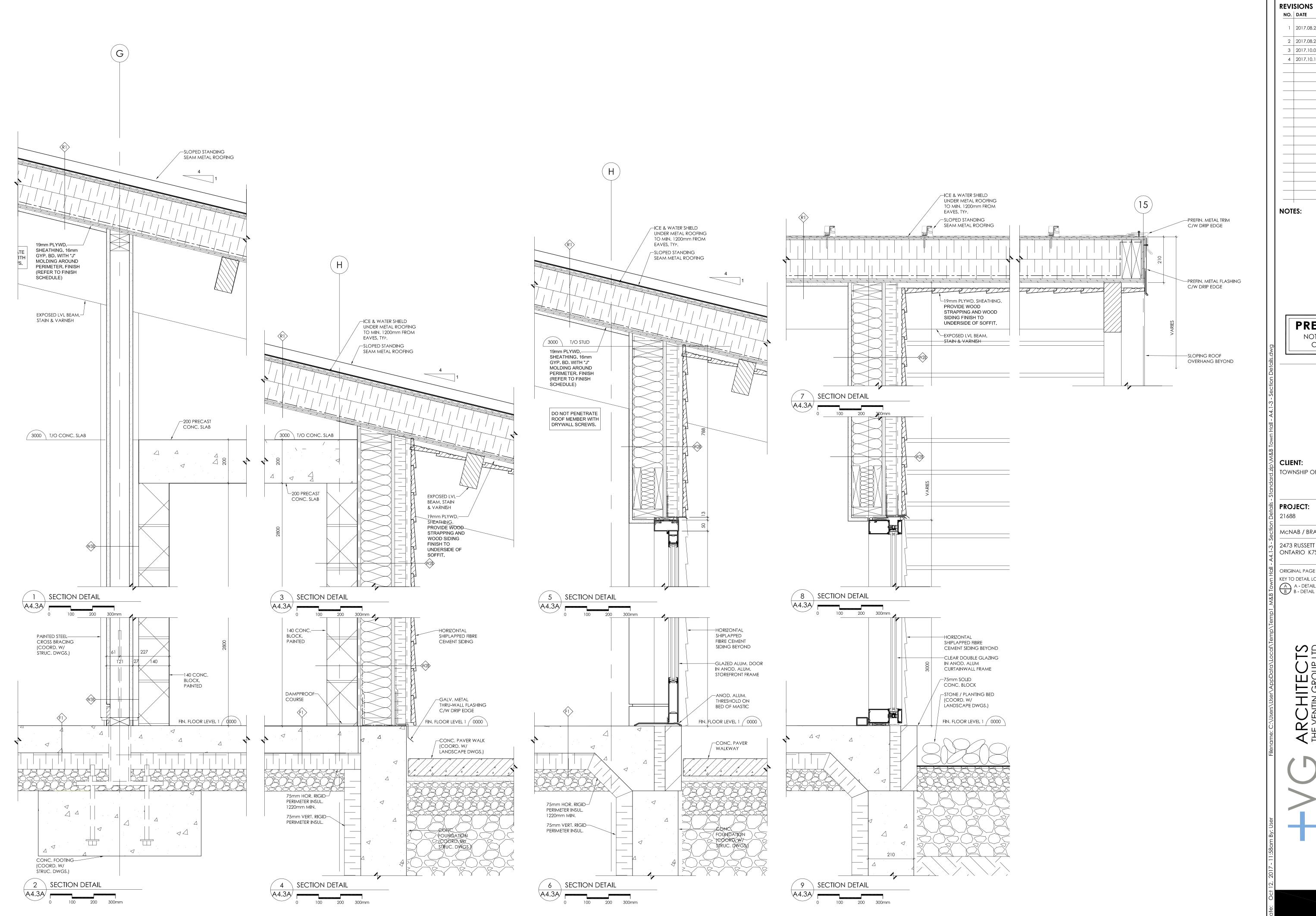


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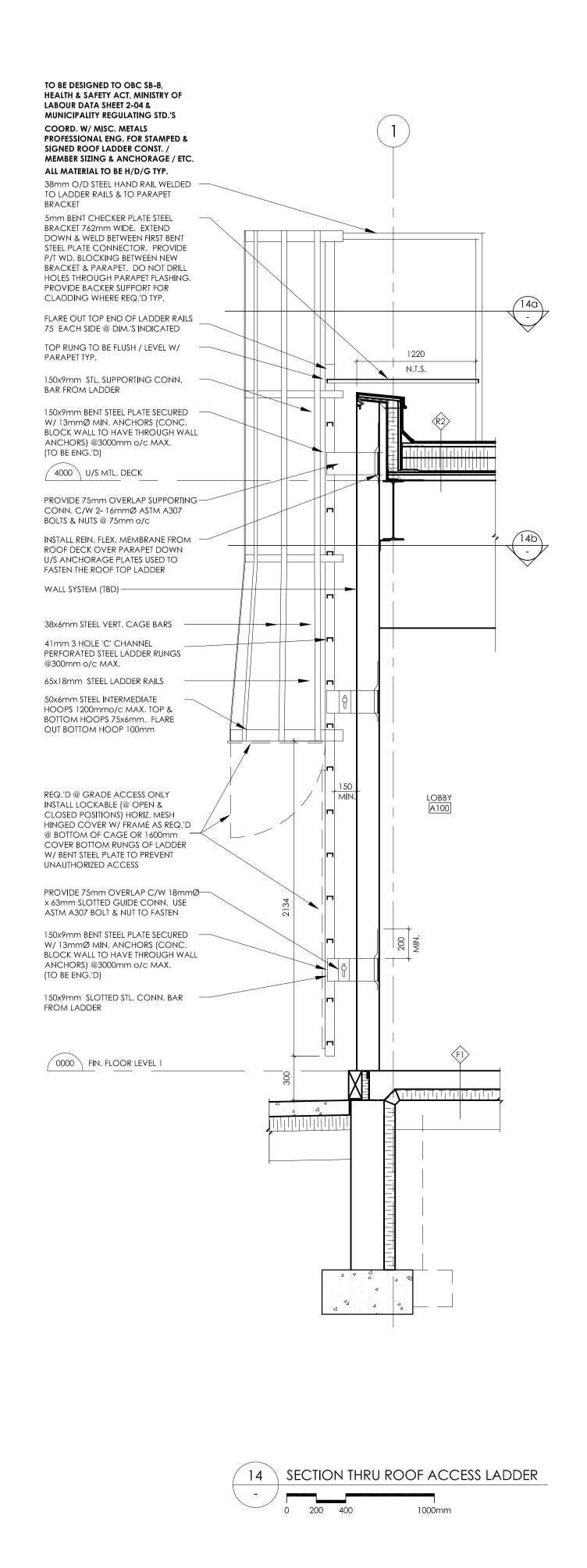


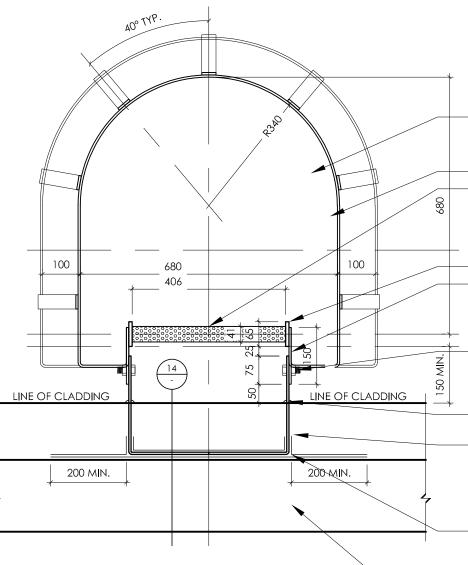
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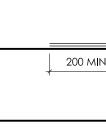




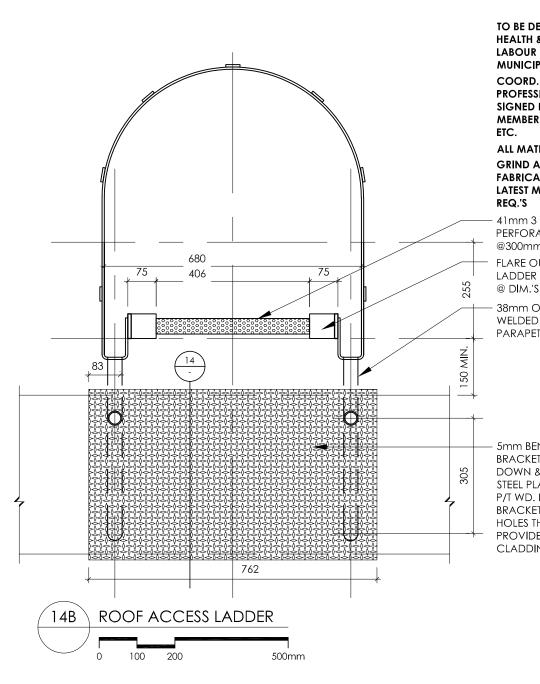
1	2017.08.21	ISSUED FOR BUILDING PERMIT & TENDER
2	2017.08.22 2017.10.06	ISSUED FOR CLIENT REVIEW
4	2017.10.12	ISSUED FOR TENDER
NOT	ES:	
		]
		LIMINARY
		DNSTRUCTION
		UND OF MCNAR /D.
		TOWNSHIP OF MCNAB/BRAESIDE
CLIE	NT:	FAIR IS THE LAND STRONG THE PEOPLE
TOW	NSHIP OF I	McNAB / BRAESIDE
<b>PRO</b> 2168	JECT:	
		SIDE MUNICIPAL BUILDING
		RIVE, ARNPRIOR,
	ARIO K7S (	
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## (14A) ROOF ACCESS LADDER

500mm



#### ALL MATERIAL TO BE H/D/G TYP. GRIND ALL WELDS SMOOTH. FABRICATE LADDER & CAGE TO LATEST MINISTRY OF LABOUR MIN.

REQ.'S — 50x6mm Steel Intermediate hoops @ MAX. 1200mm O/C TOP & BOTTOM HOOPS 75x6mm. FLARE OUT BOTTOM HOOP 100mm - 38x6 STEEL VERT. CAGE BARS

– 41mm 3 HOLE 'C' CHANNEL PERFORATED STEEL LADDER RUNGS @300mm o/c MAX.

- 65x18mm STEEL LADDER RAILS - 150x9mm STL. CONNECTION BAR FROM LADDER

#### – PROVIDE 75mm OVERLAP C/W 18mmØ x 63mm SLOTTED GUIDE CONN. USE ASTM A307 BOLT & NUT TO FASTEN

- CAULK ALL PENETRATIONS THOUGH EXT. CLADDING TYP. 150x9mm BENT STEEL PLATE SECURED W/ 13mmØ MIN. ANCHORS (CONC. BLOCK WALL TO HAVE THROUGH WALL ANCHORS) @3000mm o/c MAX. (TO BE ENG.'D)

— INSTALL AIR/ VAP. BARRIER TRANSITION MEMBRANE FLASHING FROM U/S ROOF LADDER ANCHOR DOWN OVER THRU WALL FLASHING to ext. Install second membrane OVER ANCHORAGE DOWN OVER ONTO FIRST MEMBRANE & SEAL — WALL SYSTEM

(COORD. W/ A4 DWG.'S)

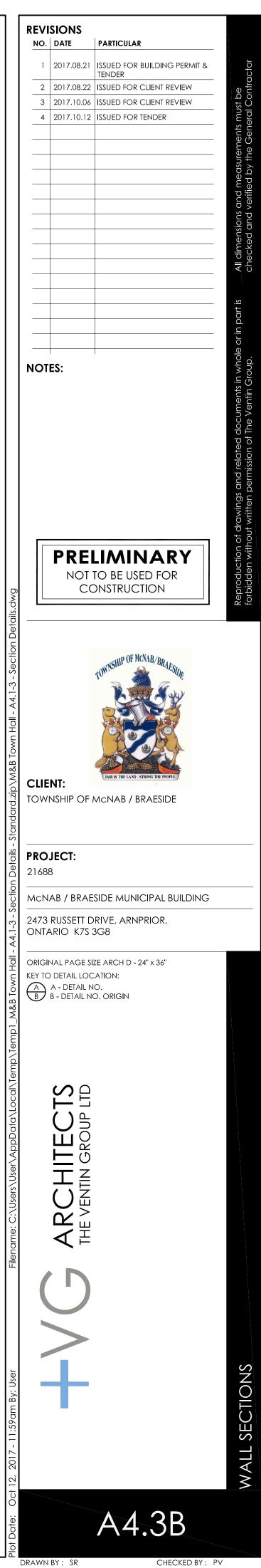
#### TO BE DESIGNED TO OBC SB-8, HEALTH & SAFETY ACT, MINISTRY OF LABOUR DATA SHEET 2-04 & MUNICIPALITY REGULATING STD.'S COORD. W/ MISC. METALS PROFESSIONAL ENG. FOR STAMPED & SIGNED ROOF LADDER CONST. / MEMBER SIZING & ANCHORAGE /

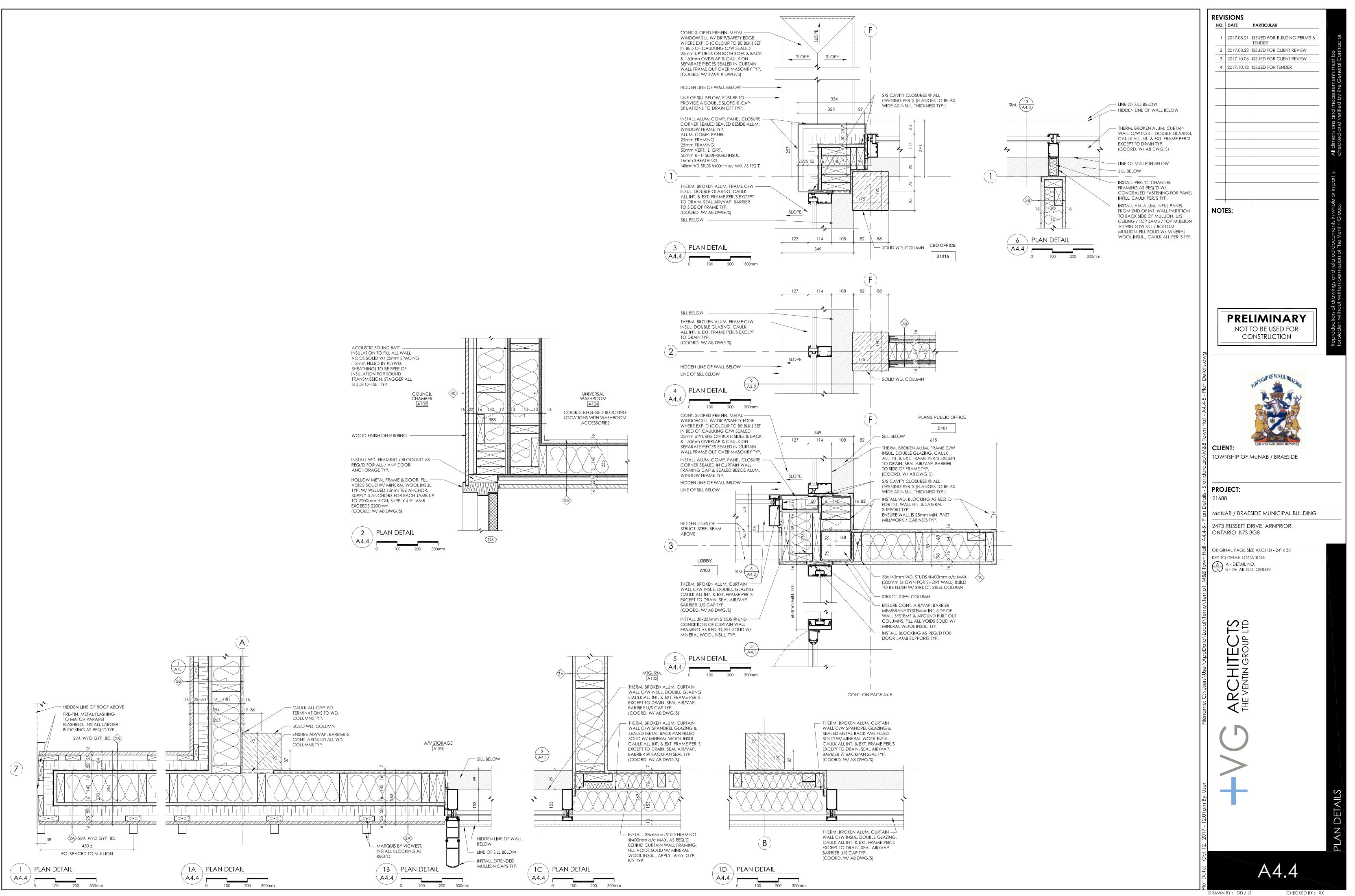
ALL MATERIAL TO BE H/D/G TYP. GRIND ALL WELDS SMOOTH. FABRICATE LADDER & CAGE TO LATEST MINISTRY OF LABOUR MIN.

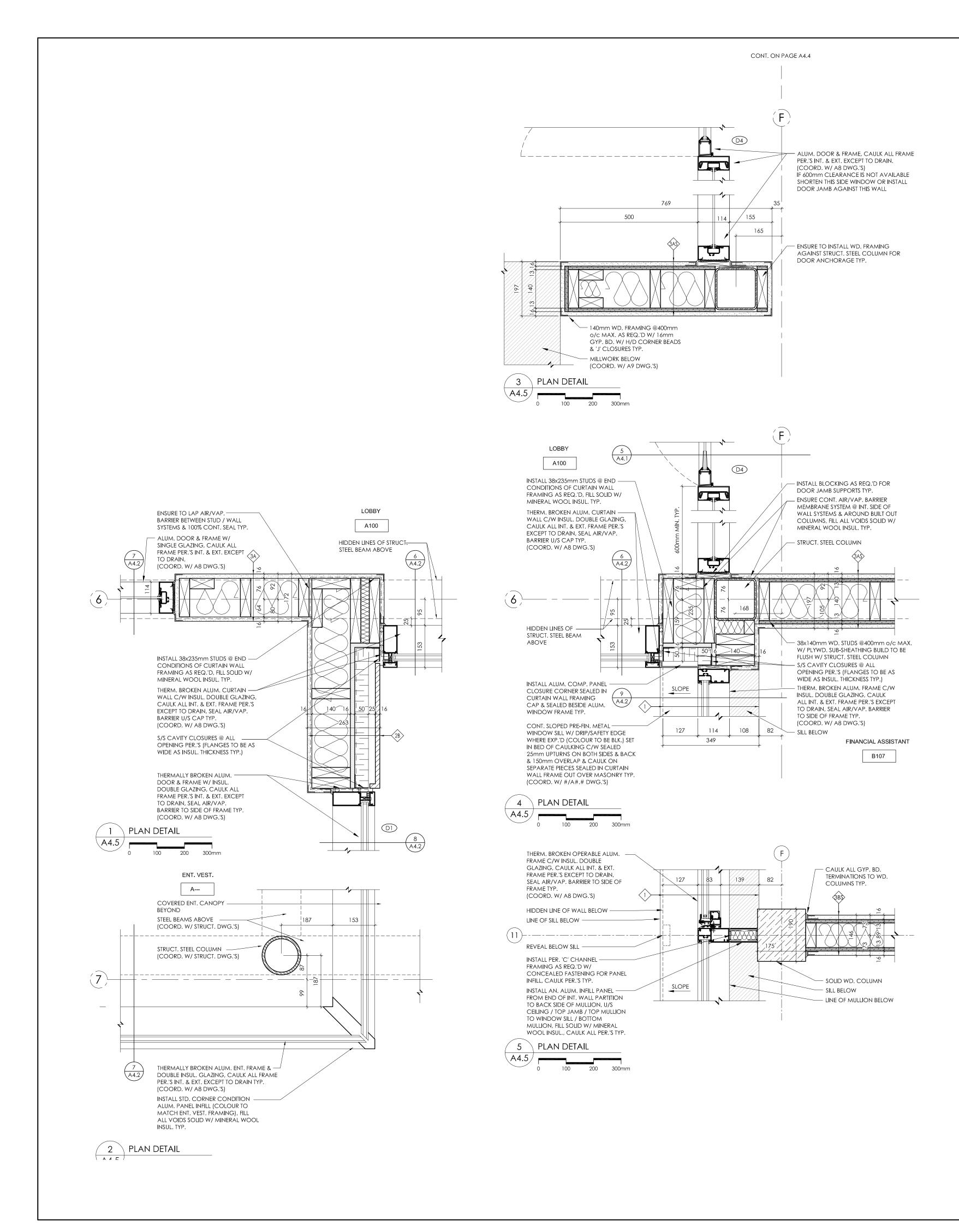
– 41mm 3 HOLE 'C' CHANNEL PERFORATED STEEL LADDER RUNGS @300mm o/c MAX. - FLARE OUT TOP END OF LADDER RAILS 75 EACH SIDE @ DIM.'S INDICATED

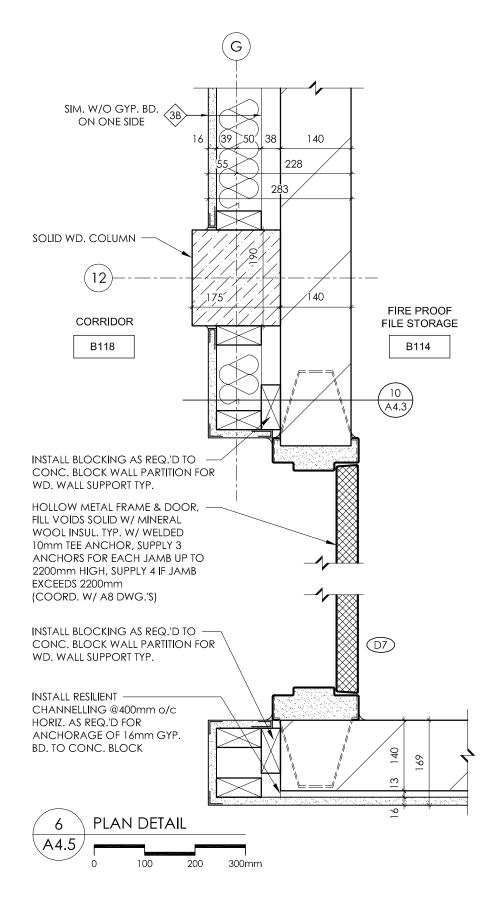
- 38mm O/D STEEL HAND RAIL WELDED TO LADDER RAILS & TO PARAPET BRACKET

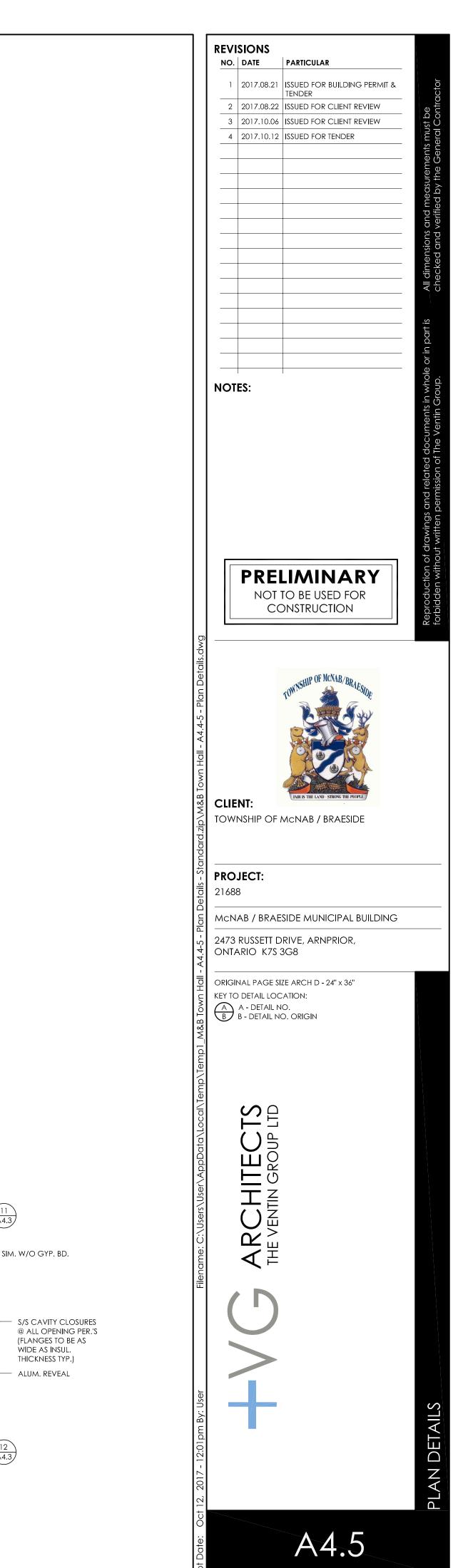
- 5mm BENT CHECKER PLATE STEEL BRACKET 762mm WIDE. EXTEND DOWN & WELD BETWEEN FIRST BENT STEEL PLATE CONNECTOR. PROVIDE P/T WD. BLOCKING BETWEEN NEW BRACKET & PARAPET. DO NOT DRILL HOLES THROUGH PARAPET FLASHING. PROVIDE BACKER SUPPORT FOR CLADDING WHERE REQ.'D TYP.

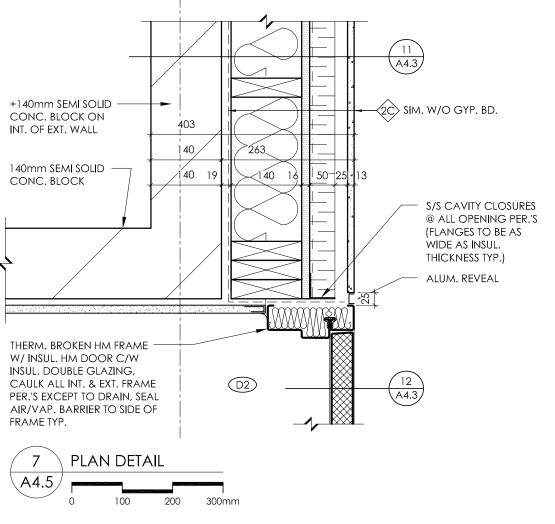




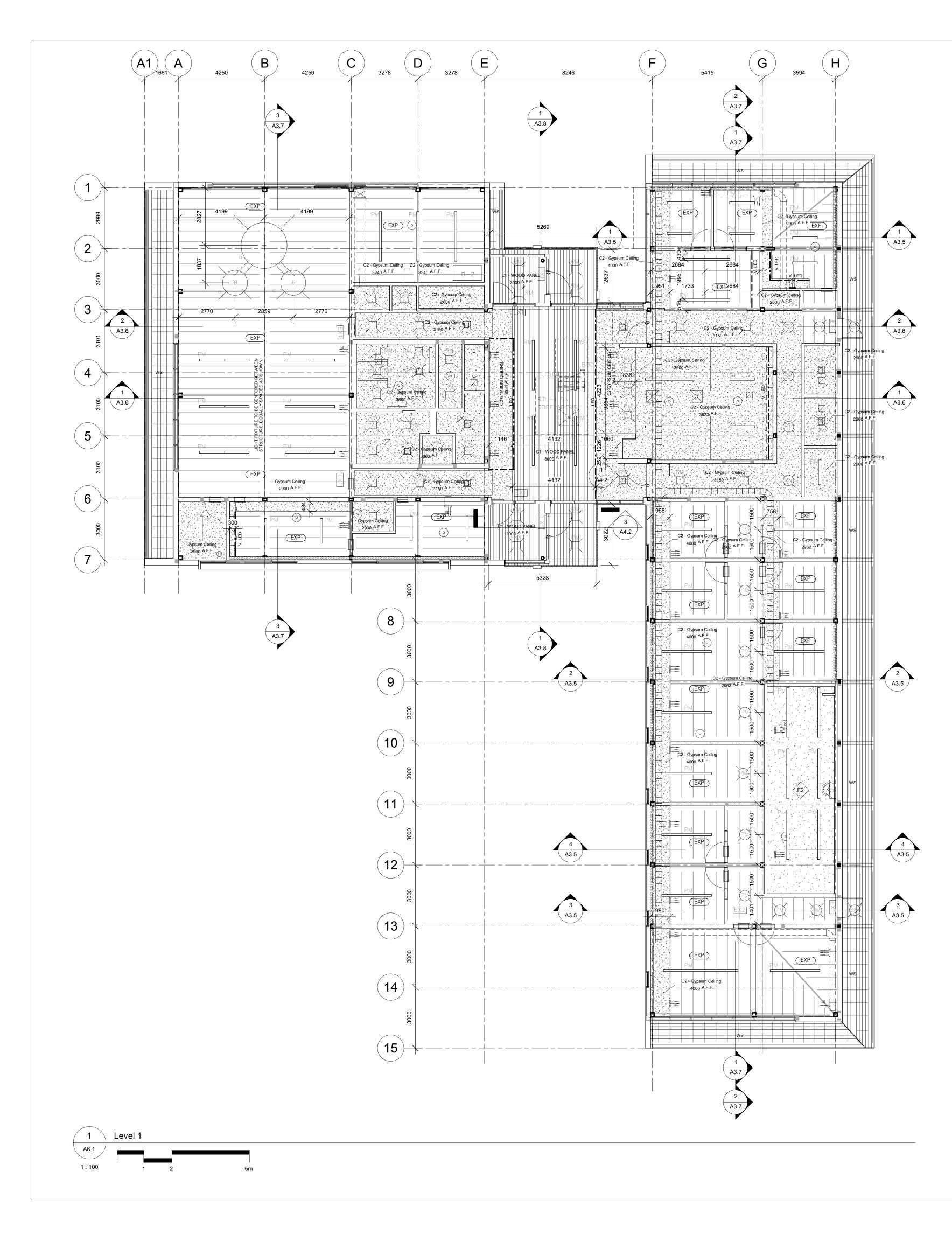






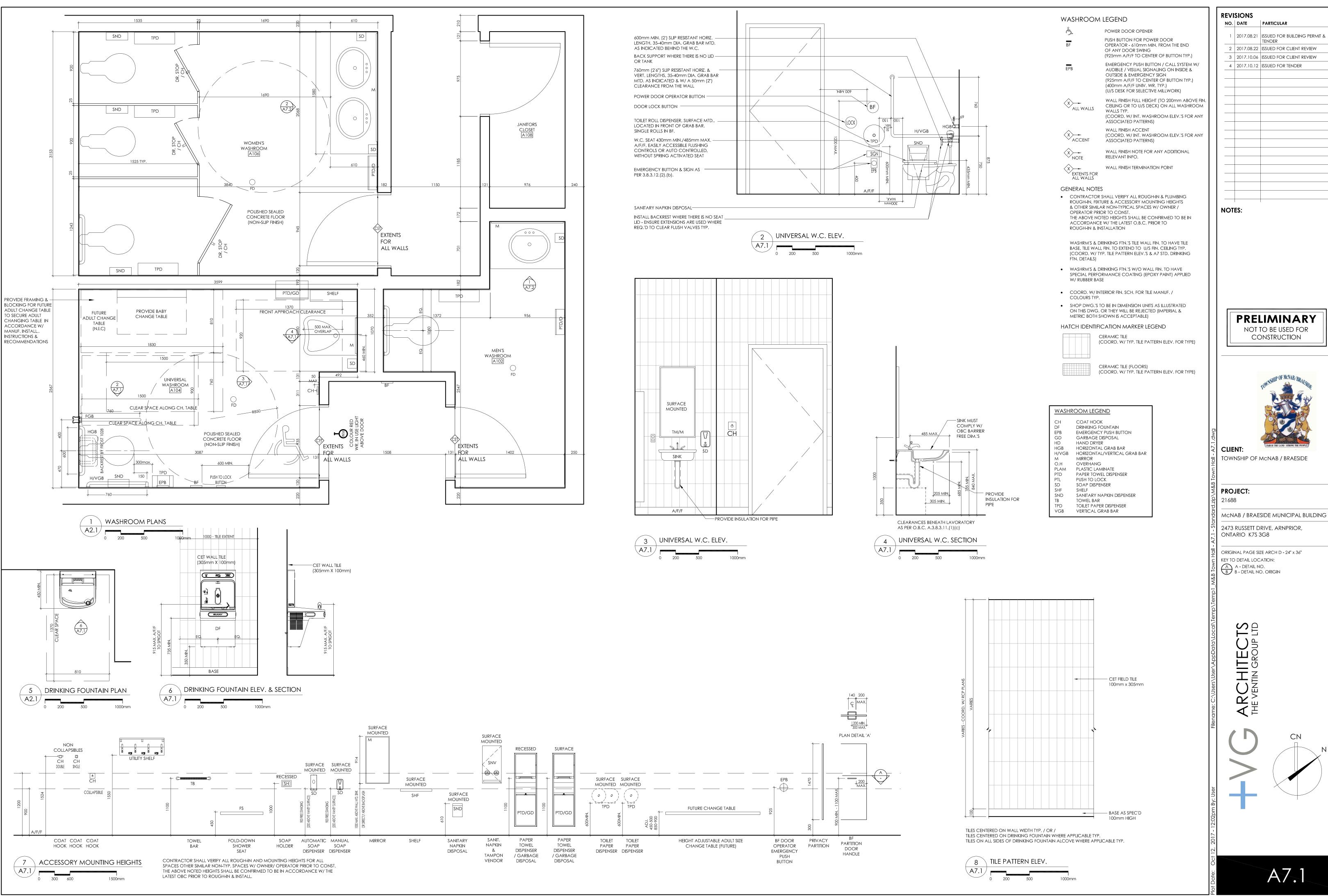


(H)



REFLECTED CEILING LEGEND			
	PENDANT CEILING MOUNTED LIGHT FIXTURE		
PM, SM, RM	CEILING MOUNTED LIGHT FIXTURE (PM, SM , RM) (PENDENT, SURFACE OR RECESSED MOUNTED)		
РМ РМ РМ РМ СРМ	PENDANT CEILING MOUNTED LIGHT FIXTURE		
RM         RM           RM         RM           RM         RM	RECESSED CEILING MOUNTED LIGHT FIXTURE		
SM           SM           SM           SM           SM	SURFACE MOUNTED LIGHT FIXTURE		
	TRACK LIGHTING EXT./INT. RECESSED CEILING LIGHT		
$\bigcirc$	OCCUPANCY SENSOR		
(PM) (PM) EX. PM	NEW/EX. EXT./INT. PENDANT CEILING LIGHT FIXTURE		
PROJ.	CEILING MOUNTED PROJECTOR		
LWS	LINEAR VERTICAL WALL SCONCE		
YMM T	WALL MOUNTED LIGHT FIXTURE		
LED	LED TAPE LIGHTING		
V. LED	VALANCE LED TAPE LIGHTING		
	EXT./INT LIGHT FIXTURE (WALL SCONCE)		
(SLOPE) (3300) (2700)	SLOPING CEILING HEIGHT (MEASURED FROM A/F/F IN SPECIFIC SPACE NOTED)		
EXP	ALL EXPOSED CEILING SURFACES NOTED TO HAVE GYPSUM BOA LAMINATED TO CEILING U/S OF ROOF BETWEEN EXPOSED STRUC MEMBERS. GYPSUM TO BE PTD. INCLUDING ALL EXP. SERVICE LIN DUCTS & EXP. STEEL LINTELS. INSTALL ALL LIGHT FIXTURES CENTERED BETWEEN		
	EXP.'D STRUCT. MEMBERS & TOP OF FIXTURE IS TO BE MTD. @ BOTTOM OF STRUCT.		
	NEW SUPPLY GRILLE		
	NEW WALL MOUNTED SUPPLY GRILLE		
	NEW SADDLE MOUNTED SUPPLY GRILLE		
	NEW WALL MOUNTED RETURN GRILLE		
	RETURN GRILLE / EXHAUST VENT		
FD	FIRE DAMPER		
	CABLE TRAY		
             	EXP. MECH. DUCT TO BE PTD. COLOUR TO BE SELECTED BY ARCHITECT		
	PERIMETER HEATER		

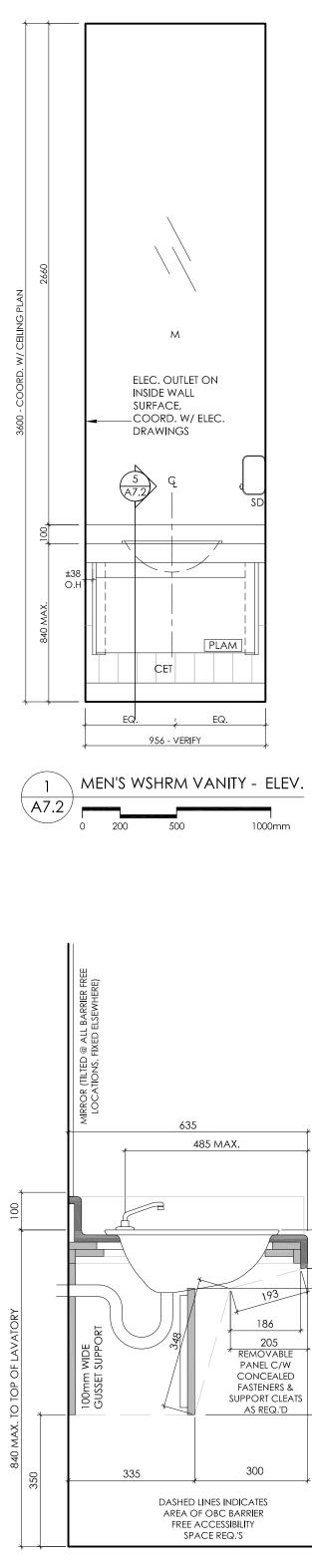
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				No.         Date           1         2017.10.11	Particular ISSUE FOR BUILDING PERMIT & TENDER	
				2 2017.08.22 3 2017.10.06	ISSUE FOR CLIENT REVIEW	tbe
				4 2017.10.12	ISSUE FOR TENDER	measurements must ed by the General
						ments €Gen
	GENERAL NO	DTES				by the
	• COORD. W	/ MECH. & ELEC. DWG.'S FOR RESPECTIVE D. OR RECESSED ITEMS				d mea fied b
	FINAL LOCA     CONFIRMEI	ATION OF ALL MECH. & ELEC. FIXTURES TO BE D PRIOR TO INSTALL. COORD. ALL MECH. &				d verifie
	ELEC. ITEMS DISCREPAN	; W/ ARCH. DWGS. & REPORT ANY CIES PRIOR TO ANY WORK IENSIONED OTHERWISE, LIGHT FIXTURES TO BE				ensior ed an ctor
	CENTERED I	N ROOM AND EQUALLY DISTRIBUTED S & POSTS WHERE EXP.'D TO BE PAINTED				l dime necke ontra
	RATED	ESCENT COATING WHERE REQ.'D TO BE FIRE LING BULKHEAD SYSTEMS TO BE CONSTRUCTED				
	ALL GYP BD	RAMING TYP., NOT WD. . CEILINGS ARE TO RECEIVE 13mm RESILIENT IG @400mm o/c MAX. & ANY ASSOCIATED				D
	<ul><li>BLOCKING</li><li>SHOP DWG</li></ul>	TO ACHIEVE A UNIFORM / FLAT CEILING SURFACE .'S TO BE IN DIMENSION UNITS AS ILLUSTRATED				den Grou
	METRIC BOT ARE TO REFE	/G. OR THEY WILL BE REJECTED (IMPERIAL & TH SHOWN IS ACCEPTABLE); ALSO AIR GRILLES ERENCE THE RM. # THEY ARE INSTALLED (& ANY				ated orbidd Ventir
		s typ.) Iensioned otherwise, ceiling tiles to be Shown from the center point of rooms typ				nd rel art is fa f The `
	<ul> <li>NOT ALL EXI ONLY DIFFU</li> </ul>	P.'D MECH, EQUIP. / DUCTING IS SHOWN, SER OR OTHER IMPORTANT ITEM INFO., / MECH, DWG.'S FOR REMAINING TYP.				ngs a in po ion o
		IFICATION MARKER LEGEND				drawi ole or ermiss
	GB-P	ALL GYP. BD. FACES TO BE PTD. CAULK ALL PER.'S. PROVIDE SHOP DWG.'S FOR DRYWALL CONTROL JOINT				n of c n whe en pe
		LOCATIONS FOR REVIEW BY ARCHITECT. ALL TEXTURED GYPSUM BD. FACES TO BE PTD. CAULK ALL				luctio ents i · writte
	GB-D	PER.'S. PROVIDE SHOP DWG.'S FOR DRYWALL CONTROL JOINT LOCATIONS FOR REVIEW BY ARCHITECT.				eproc pcum thout
	EX. PL.	ALL EX. T&G WD. CEILINGS TO BE PTD. REMOVE & REPAIR/REPLACE ALL DAMAGED PLANKS				Re do wit
	FIRE	ALL SPRAY FOAM INSUL. TO BE CONCEALED W/ FIREPROOFING SPRAY				
		WOOD PANEL CEILING				
		WOOD FANEL CEILING				
WS		wood soffit				
	SOFFIT VENTING	SOFFIT VENTING				
		ATTIC HATCH W/ CEILING FINISH TO SURROUNDING MATERIAL.		OWNS	HIP OF MCNAB/BRAESIDE	
	AH	PROVIDE ELEC. SWITCH FOR SINGLE POLE LIGHT FIXTURE FOR THE CORRESPONDING ATTIC COMPARTMENT SPACE. 150mm RIGID INSUL. / 19mm PLYWD. / INT. FIN. 16mm GYP.		Ju.		
ED STRUCTURE RVICE LINES,		BD. TYP. HATCH CONST. W/ CONT. WEATHER SEAL 550mmX900mm MIN.			CACOY	
D.	FC	FAN COIL MECH. UNIT ACCESS HATCH 150mm RIGID INSUL. / 19mm PLYWD. / INT. FIN. 16mm GYP.				
		BD. TYP. HATCH CONST. W/ CONT. WEATHER SEAL			2 ON SO	
	AH	(CEILING ACCESS IF REQUIRED) RECESSED MATERIAL TO MATCH & BE FLUSH & ADJ.		June 1		
		CEILING. ACCESS DOOR SIZE TO BE: 460x460mm MIN. (SIZE TO BE CONFIRMED ON SITE, TO BE LARGE ENOUGH		FAIR	IS THE LAND - STRONG THE PEOPLE	
		TO ACCESS REQ.'D ITEM MIN.) MODEL DW-5015 OR FIRE RATED FW-5015 BY ACUDOR PRODUCTS INC. OR APPROVED EQUAL.			•	
		TRODUCISTINC. OR ATTROVED EQUAL.		Client:		
				Iownsnip	of McNab Braesid	e
				Project:		
				21688 McNab /	Braeside Municipo	
				Building		
				ONTARIO	iett drive, arnpri K7S 3G8	OR,
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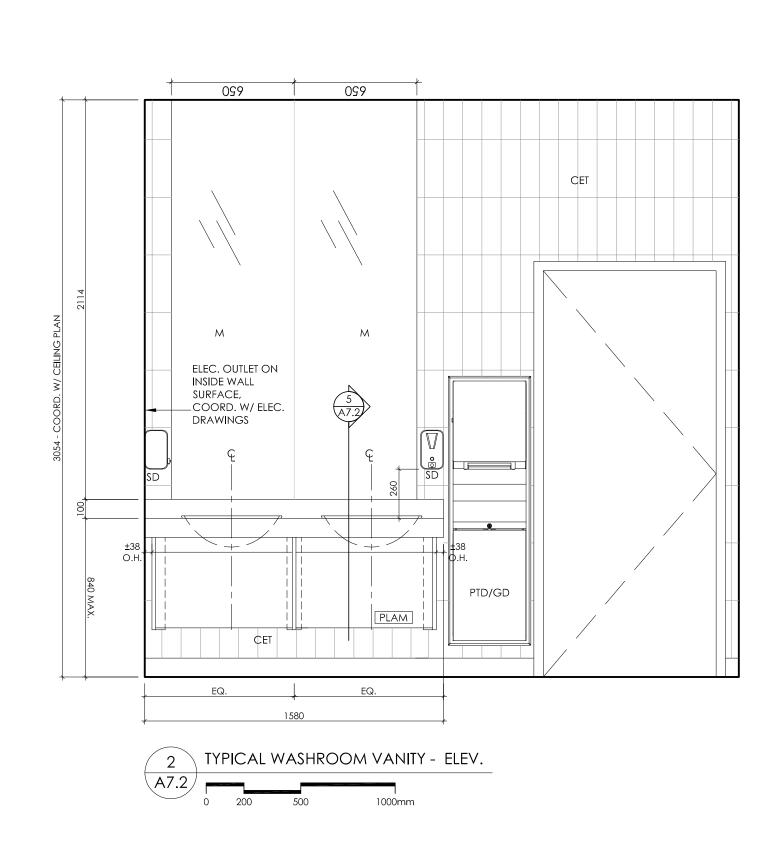


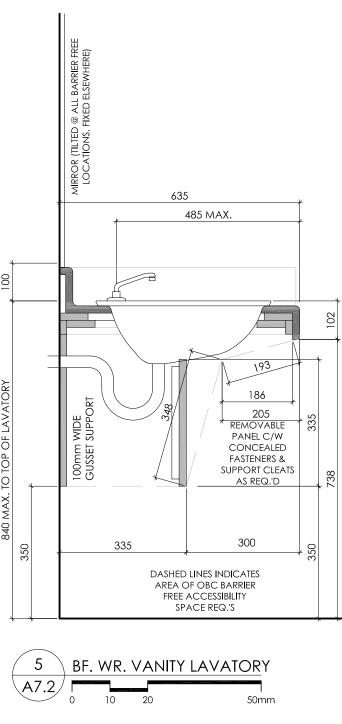
All dimensions and measurements must b	Reproduction of drawings and related documents in whole or in part is

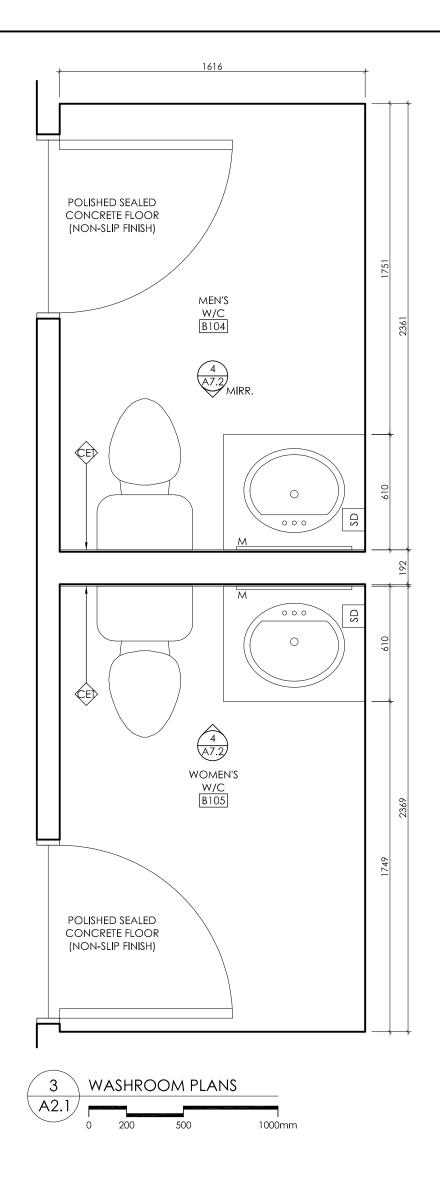
McNAB / BRAESIDE MUNICIPAL BUILDING

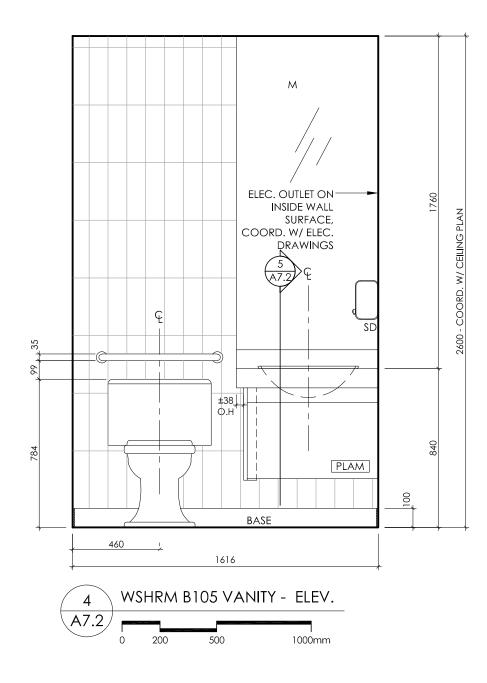
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	WASHROOM	LEGEND		
	S.	POWER DOOR OPENER		
	BF	PUSH BUTTON FOR POWER DOOR OPERATOR - 610mm MIN. FROM THE END OF ANY DOOR SWING (925mm A/F/F TO CENTER OF BUTTON TYP.)		
AR	EPB	EMERGENCY PUSH BUTTON / CALL SYSTEM W/ AUDIBLE / VISUAL SIGNALING ON INSIDE & OUTSIDE & EMERGENCY SIGN (925mm A/F/F TO CENTER OF BUTTON TYP.) (400mm A/F/F UNIV. WR. TYP.) (U/S DESK FOR SELECTIVE MILLWORK)		
	X ALL WALLS	WALL FINISH FULL HEIGHT (TO 200mm ABOVE FIN. CEILING OR TO U/S DECK) ON ALL WASHROOM WALLS TYP. (COORD. W/ INT. WASHROOM ELEV.'S FOR ANY ASSOCIATED PATTERNS)		
		WALL FINISH ACCENT (COORD. W/ INT. WASHROOM ELEV.'S FOR ANY ASSOCIATED PATTERNS)		
	X NOTE	WALL FINISH NOTE FOR ANY ADDITIONAL RELEVANT INFO.		
	EXTENTS FOR ALL WALLS	WALL FINISH TERMINATION POINT		
	GENERAL NOTES			
	<ul> <li>CONTRACTOR SHALL VERIFY ALL ROUGH-IN &amp; PLUMBING ROUGH-IN, FIXTURE &amp; ACCESSORY MOUNTING HEIGHTS</li> </ul>			

& OTHER SIMILAR NON-TYPICAL SPACES W/ OWNER / OPERATOR PRIOR TO CONST. THE ABOVE NOTED HEIGHTS SHALL BE CONFIRMED TO BE IN ACCORDANCE W/ THE LATEST O.B.C. PRIOR TO ROUGH-IN & INSTALLATION

WASHRM'S & DRINKING FTN.'S TILE WALL FIN. TO HAVE TILE BASE, TILE WALL FIN. TO EXTEND TO U/S FIN. CEILING TYP. (COORD. W/ TYP. TILE PATTERN ELEV.'S & A7 STD. DRINKING FTN. DETAILS)

- WASHRM'S & DRINKING FTN.'S W/O WALL FIN. TO HAVE SPECIAL PERFORMANCE COATING (EPOXY PAINT) APPLIED W/ RUBBER BASE
- COORD. W/ INTERIOR FIN. SCH. FOR TILE MANUF. / COLOURS TYP.
- SHOP DWG.'S TO BE IN DIMENSION UNITS AS ILLUSTRATED ON THIS DWG. OR THEY WILL BE REJECTED (IMPERIAL & METRIC BOTH SHOWN IS ACCEPTABLE)

HATCH IDENTIFICATION MARKER LEGEND



CERAMIC TILE (COORD. W/ TYP. TILE PATTERN ELEV. FOR TYPE)

CERAMIC TILE (FLOORS) (COORD. W/ TYP. TILE PATTERN ELEV. FOR TYPE)

## MILLWORK NOTES:

COUNTERTOPS:

- POSTFORMED PLAM ON 19mm PLYWD. SUBSTRATE, CAULK ALL PER.'S OF COUNTER WHERE THERE IS NO BACK SPLASH
- SOLID SURFACE ON 19mm PLYWD. SUBSTRATE C/W SOLID SURFACE / INTEGRAL FRONT APRON & BACKSPLASH. CAULK ALL PER.'S OF COUNTER WHERE THERE IS NO BACK SPLASH
- NON-DRIP EDGE AT SINK LOCATIONS, PROVIDE END/SIDE SPLASH AT ALL END LOCATIONS & BACKSPLASH AS REQUIRED WHERE PERMITS AT COUNTERTOPS THAT CONTAIN SINKS & WHERE SHOWN ON ELEV.'S

CASEWORK: (PLAM W/ 3mm PVC EDGE WHERE EXP.'D)

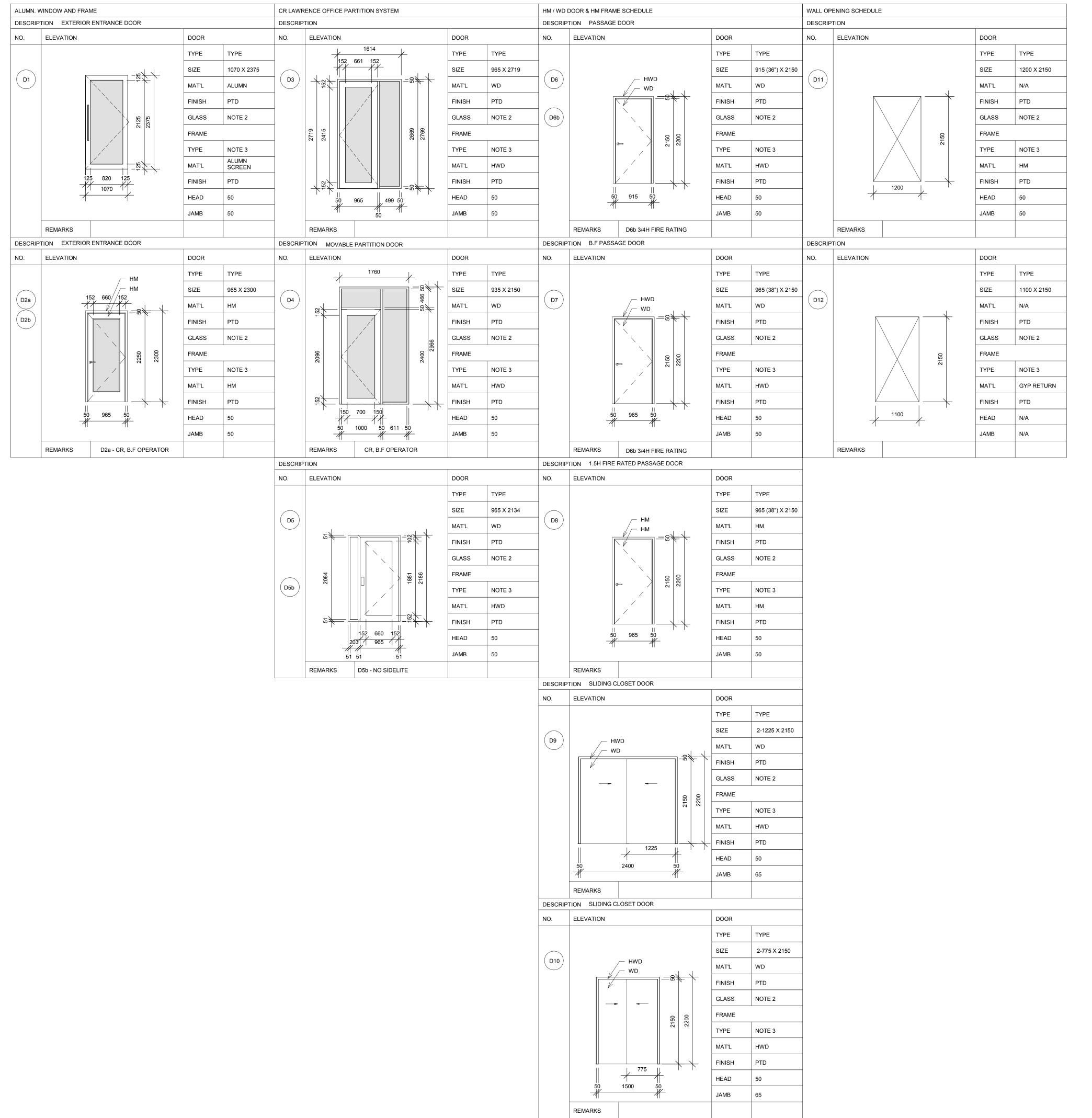
 19mm PLYWD. BACK, BOTTOM, GABLES (INTERMEDIATE & END), TOP(S), SHELVING, DOORS, DRAWER FRONTS, FACEPLATES, KICK PLATES, REMOVABLE PANELS, GUSSET SUPPORTS, SUPPORT CLEATS, BLOCKING, FIXED PANELS, LIGHT VALANCES & ALL OTHER PIECES NOT NOTED WITHIN THIS LEGEND

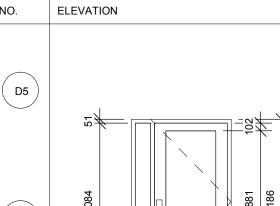
GENERAL:

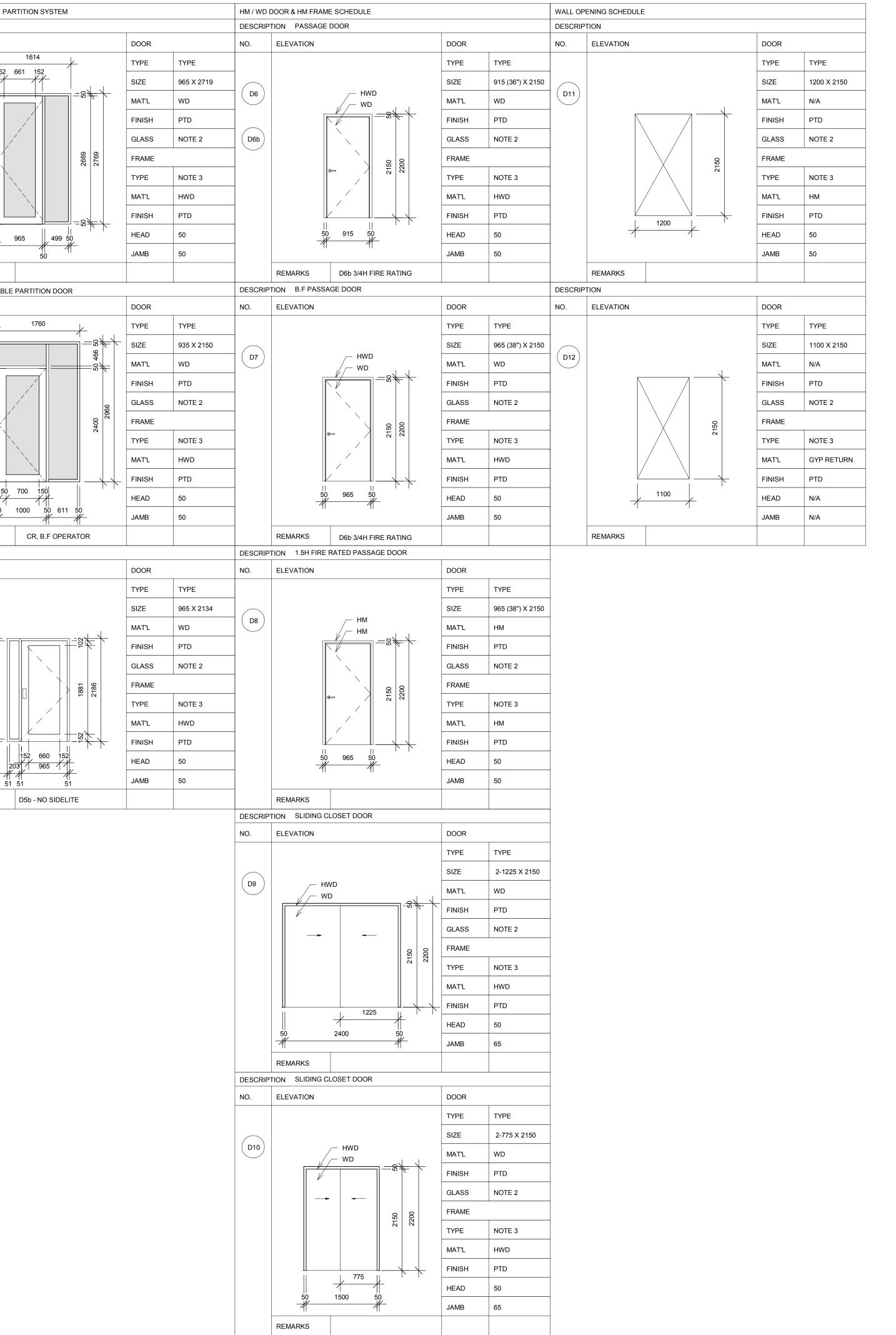
- PROVIDE ALL CUT-OUTS & ACCESS PANELS IN MILLWORK AS REQ.'D FOR ELEC. & MECH. ACCESS / CONNECTIONS.
- PROVIDE ALL SUPPORT BLOCKING FOR COUNTERTOPS & MILLWORK AS REQ.'D
- COORD. W/ REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS & DEPTH
- COORD. W/ SPEC.'S FOR HARDWARE
- ALL STEEL SUPPORTING MEMBERS TO BE PTD. TYP.
- FULL EXTENSION DRAWER SLIDES TYP.



DRAWN BY : KH, NM CHECKED BY : YR

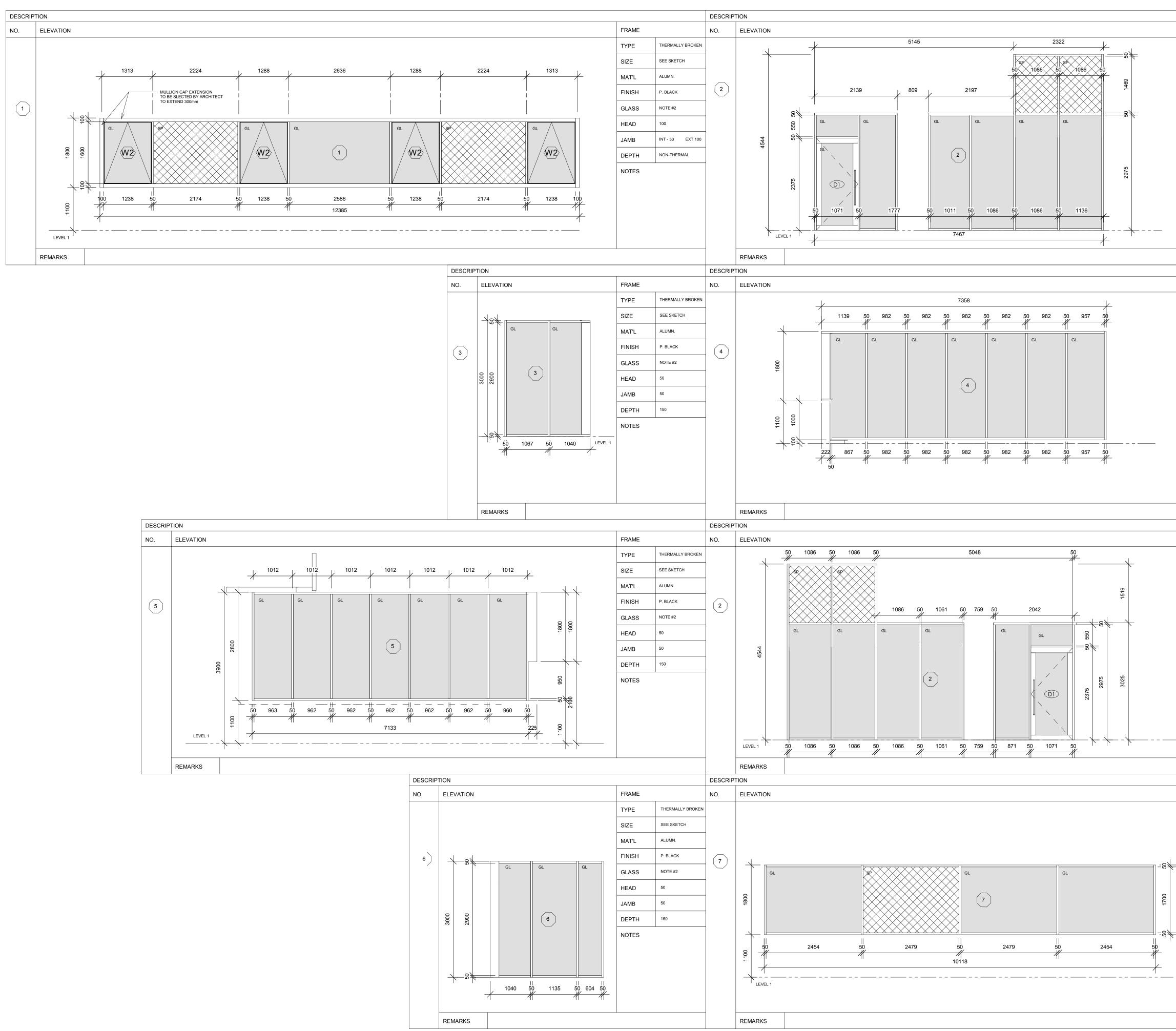


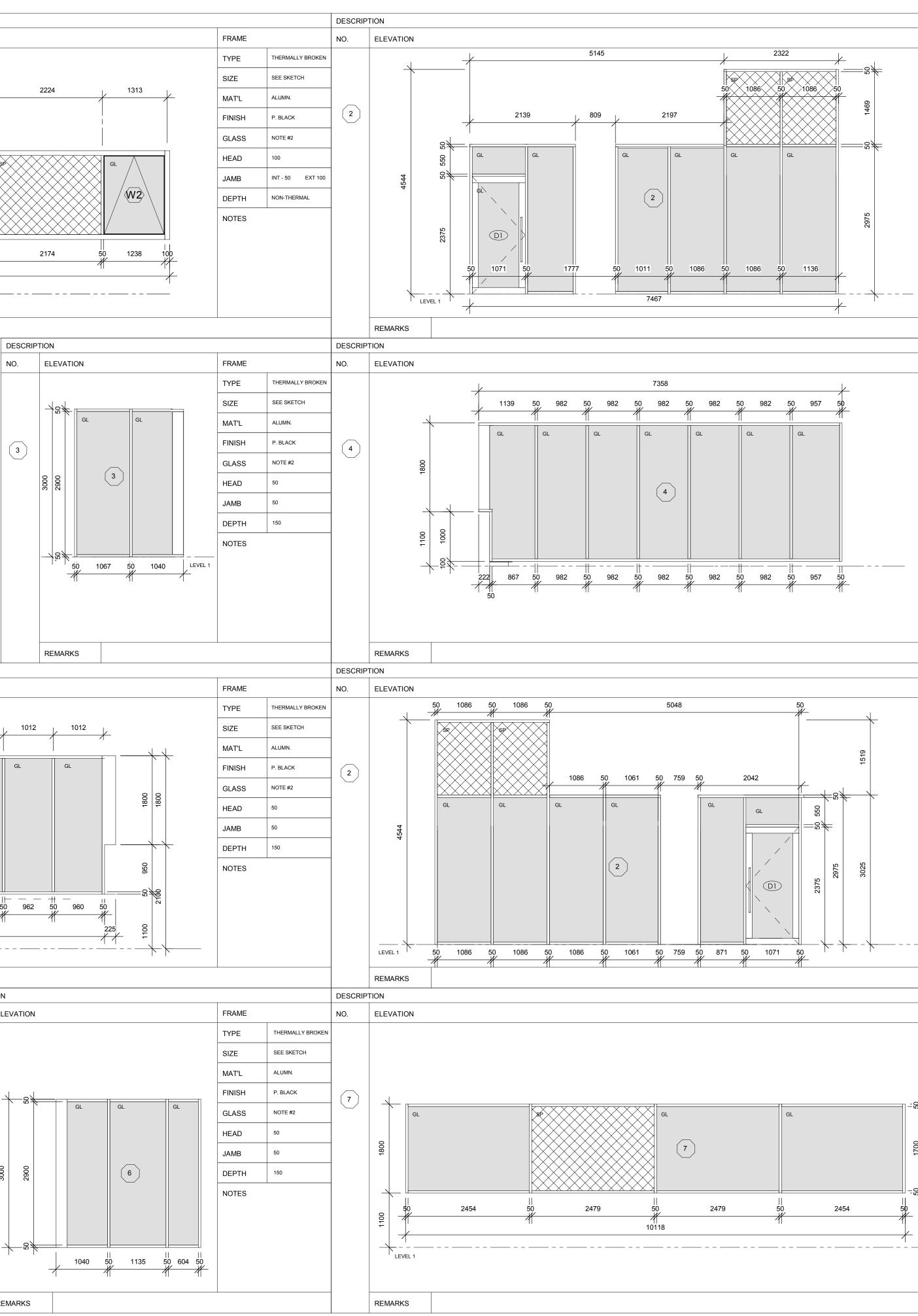


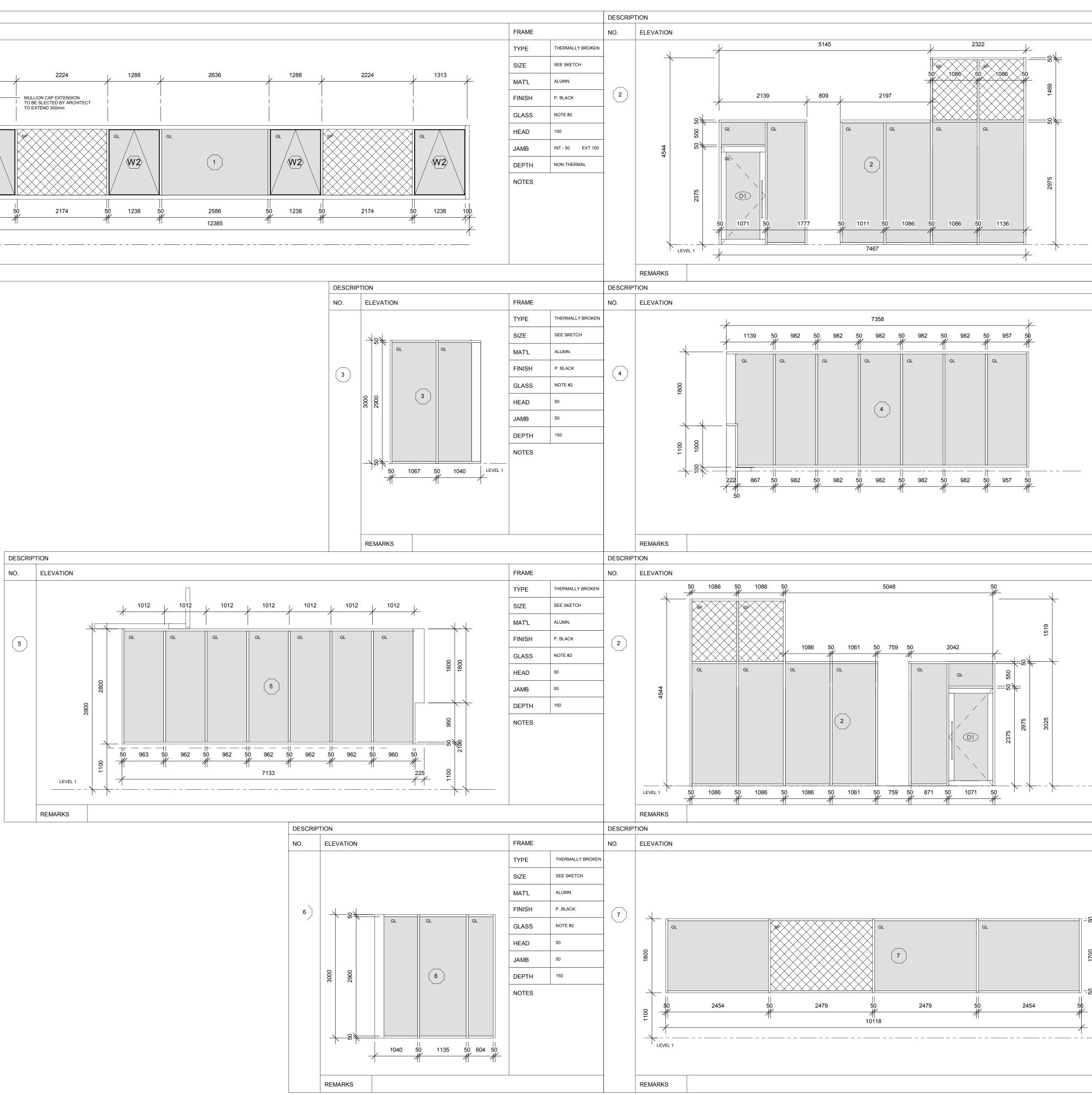


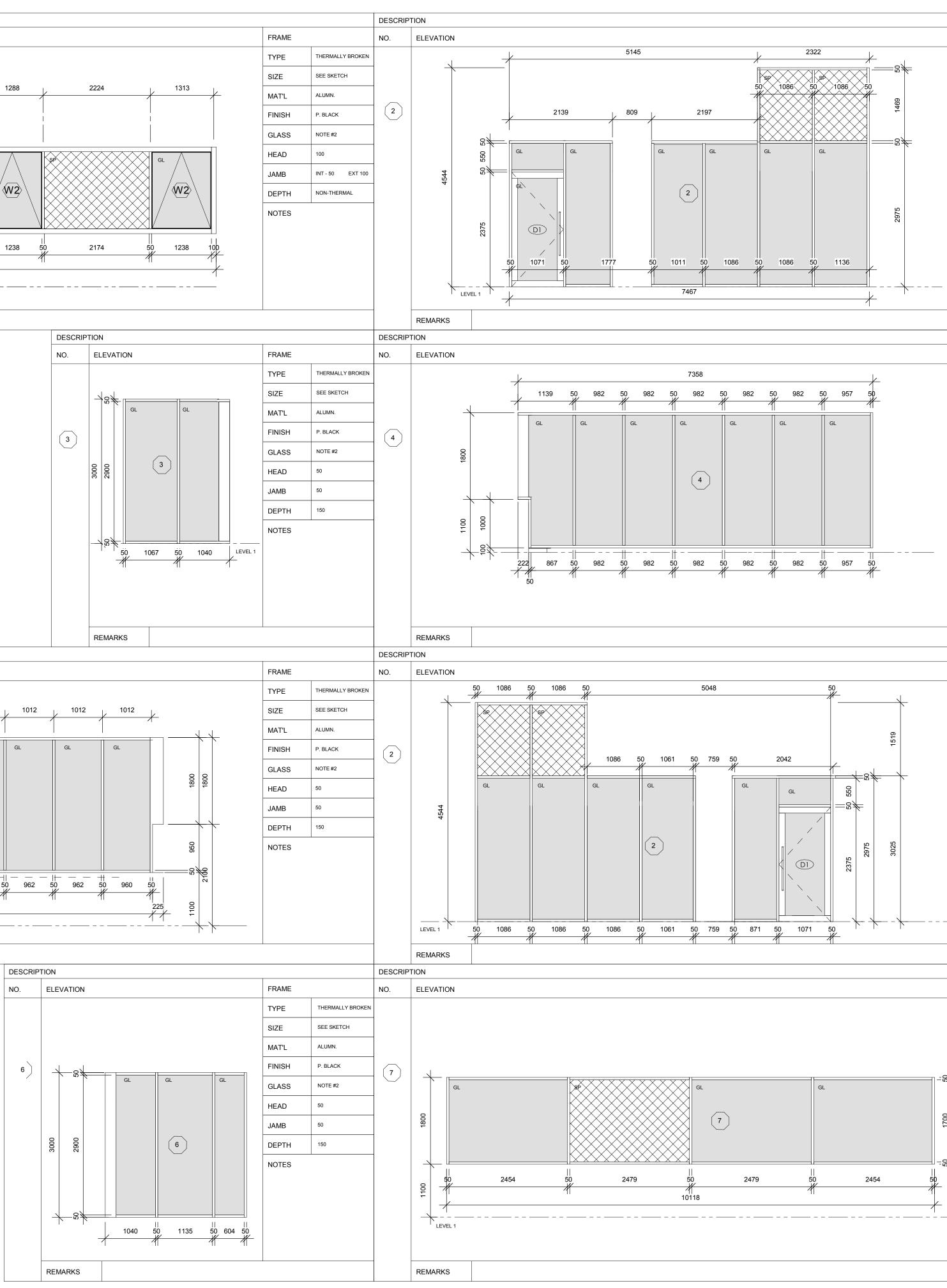
	Revision Schedule       No.     Date       Particular
DOOR & FRAME / SCREEN SCH. NOTES	1     2017.10.11     ISSUE FOR BUILDING PERMIT & TENDER       2     2017.08.22     ISSUE FOR CLIENT REVIEW
IT IS THE RESPONSIBILITY OF THE DOOR, FRAME & HARDWARE MANUFACTURER TRADES TO CO-OORDINATE & EXECUTE THEIR WORK TOGETHER.	3     2017.10.06     ISSUE FOR CLIENT REVIEW     Or to the second seco
DIMENSIONS INDICATED ARE R.O VERIFY ALL OPENING DIMENSIONS ON SITE PRIOR TO FABRICATION & ORDERING	urem the C
COORDINATE WITH TYPICAL DOOR & WINDOW DETAILS PROVIDED.	G Ž
<ol> <li>COORDINATE WITH FLOOR PLANS ON LIFE SAFETY DRAWING(S) FOR FIRE SEPARATIONS REQUIRED FIRE RATED DOORS.</li> <li>2HR. FIRE SEPARATION TO HAVE 1 1/2HR. FIRE RATED DOORS/FRAMES.</li> <li>1HR FIRE SEPARATIONS TO HAVE 3/4 HR. FIRE RATING DOORS/FRAMES.</li> <li>1/2HR. FIRE SEPARATIONS TO HAVE 20MIN. FIRE RATED DOORS/FRAMES.</li> <li>2. ALL FIRE RATED DOORS &amp; SCREENS WITH GLAZING "GL" TO HAVE "FIRELITE" GLAZING AS REQUIRED INCLUDING ALL EXPOSURE SITUATIONS, ALL NON RATED GLAZING TO BE TEMPERED TYP. ALL EXTERIOR FOOR GLAZING TO BE LAMINATED SAFETY GLASS. ALL EXTERIOR DOORS &amp; SCREENS TO HAVE INSULATED DOUBLE GLAZING, INTERIOR SINGLE GLAZING.</li> <li>3. ALL FRAMES FOR CONCRETE BLOCK WALLS &amp; GYPSUM BOARD WALLS / PARTITIONS SHALL BE WRAP AROUND TYPE FOR WALL THICKNESS UP TO 190mm (TO BE SNUG / TIGHT FIT ON WALLS TO RECEIVE 172mm FRAMES. (COORD. WITH FLOOR PLANS FOR WALL THICKNESS &amp; LOCATIONS)</li> <li>(COORINATE WITH AS DETAILS)</li> <li>4. FRAMES SHALL BE WRAP AROUND TYPE FOR WALL THICKNESS UP TO 190mm.</li> <li>124mm GYP. BD. WALLS TO RECEIVE 146mm FRAME.</li> <li>140mm GYP. BD. WALLS TO RECEIVE 172mm FRAME</li> <li>150mm GYP. BD. WALLS TO RECEIVE 172mm FRAME</li> <li>150mm GYP. BD. WALLS TO RECEIVE 172mm FRAME</li> <li>160mm GYP. BD. WALLS TO RECEIVE 222mm FRAME</li> <li>160mm GYP. BD. WALLS TO RECEIVE 172mm FRAME</li> <li>160mm GYP. BD. WALLS TO RECEIVE 222mm FRAME</li> <li>160mm GYP. BD.</li></ol>	Reproduction of drawings and related documents in whole or in part is forbidden without written permission of The Ventin Group. Contractor
GENERAL NOTES: COORDINATE WITH FLOOR PLANS & ELEVATIONS FOR LOCATIONS, REQUIRED FRAME WIDTH, 170° DOOR SWINGS & QUANTITY OF REQUIRED DOORS, FRAMES & SCREENS.	
ALL FINISH HARDWARE INFORMATION SHOWN TO BE COORDINATED & VERIFIED WITH THE APPROVED HARDWARE SCHEDULE, INCLUDING BUT NOT LIMITED TO HOLD OPEN DEVICES, ELECTRIC STRIKES, SECURITY KEYPADS, AUTO DOOR OPENERS, CLOSERS, PANIC DEVICES, MAGNETIC HOLD-OPENS, OVERHEAD STOPS, PUSH PLATES, KICK PLATES & ANY OTHER DOOR HARDWARE REQUIREMENTS.	TOWNSHIP OF MCNAB/BRAESIDE
SOUND / ACOUSTIC RATINGS: COORD. W/ WALL TYPES FOR SOUND RATINGS (STC) & FLR. PLANS FOR WALL TYPE LOCATIONS. ALL DOORS, DOOR FRAMES, SCREENS & GLAZING THAT REQUIRE SOUND RATINGS TO HAVE SOUND PROOFING, SEALS @ PER.'S, RECESSED AUTOMATIC DROP DOWN SEALS AT SILLS, 12mm TEMPERED GLAZING. WD. FRAMES SHIM VOID FILLED SOLID W/ SOUND BATT INSUL	
HM FRAMES ON CONC. BLOCK CONST. FILLED SOLID W/ MORTAR; HM FRAMES ON METAL / WD. FRAME CONST. TO HAVE BATT INSUL. OF 50mm+25mm FRICTION FIT INTO FRAME BEFORE INSTALL TO ENSURE COMPRESSION OF BATT WHEN INSTALLED	Client:
COORD. W/ ELEC. DWG.'S FOR EXIT SIGN & ELEC. EQUIP. LOCATIONS.	Township of McNab Braeside
ALL ALUM. DOORS TO HAVE HEAVY DUTY BALL BEARING HINGES. ALL, H.M. & WOOD DOORS TO HAVE 3 BALL BEARING HINGES. ALL EXTERIOR H.M. DOORS TO HAVE 4 HINGES.	<b>Project:</b> 21688 McNab / Braeside Municipal
ALL EXTERIOR H.M. DOORS TO BE INSULATED, 16 Ga., CONT. WELDED C/W STIFFENER PLATES C/W WEATHER STRIPPING, FRAMES TO BE THERMALLY BROKEN	Building 2473 RUSSETT DRIVE, ARNPRIOR, ONTARIO K7S 3G8
IN ALL CORRIDOR DOORS & HIGH TRAFFIC AREAS, PROVIDE 16 GAUGE CONT. WELDED DOORS & 3 HEAVY DUTY BALL BEARING HINGES.	
ALL WASHROOM DOORS TO BE UNDERCUT BY 25mm (1") UNLESS NOTED OTHERWISE BY MECH.	
SHOP DRAWINGS	
IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE; DOOR(S), SCREEN(S), FRAME(S), & THEIR WORK TOGETHER & LABEL IDENTIFYING INFO. FOR ALL DOOR(S), SCREENS(S), FRAME(S) SCH:S TO MATCH THE IDENTIFICATION TAG LABELS HERE, NOT HAVING DIFF. LABELS & DIM. UNITS ON SHOP DWG.'S THAN TENDERED DOCUMENTS TYP. (REVISE & RESUBMIT SHOP DWG.'S WILL BE RETURNED IF THIS FORMAT IS NOT FOLLOWED W/ NO REVIEW UNDERTAKEN)	OR / DOOR TYPE SCHEDULE
C:\User\$\User	A8.1

Drawn by : JK Checked by : YR Scale : 1 : 50









FRAME	
TYPE	THERMALLY BROKEN
SIZE	SEE SKETCH
MAT'L	ALUMN.
FINISH	P. BLACK
GLASS	NOTE #2
HEAD	50
JAMB	50
DEPTH	150
NOTES	

FRAME	
TYPE	THERMALLY BROKEN
SIZE	SEE SKETCH
MAT'L	ALUMN.
FINISH	P. BLACK
GLASS	NOTE #2
HEAD	50
JAMB	50
DEPTH	150
NOTES	

FRAME	
TYPE	THERMALLY BROKEN
SIZE	SEE SKETCH
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GLASS	NOTE #2
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NOTES	

	FRAME	
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	SIZE	SEE SKETCH
	MAT'L	ALUMN.
- >	FINISH	P. BLACK
22 #	GLASS	NOTE #2
	HEAD	50
1700	JAMB	50
	DEPTH	150
¥20	NOTES	

DOOR &	FRAME /	SCREEN	SCH.	NOTES
			-	

IT IS THE RESPONSIBILITY OF THE DOOR, FRAME & HARDWARE MANUFACTURER TRADES TO CO-OORDINATE & EXECUTE THEIR WORK TOGETHER.

DIMENSIONS INDICATED ARE R.O. - VERIFY ALL OPENING DIMENSIONS ON SITE PRIOR TO FABRICATION & ORDERING

COORDINATE WITH TYPICAL DOOR & WINDOW DETAILS

PROVIDED.

SINGLE GLAZING.

1. COORDINATE WITH FLOOR PLANS ON LIFE SAFETY DRAWING(S) FOR FIRE SEPARATIONS REQUIRED FIRE RATED DOORS 2HR. FIRE SEPARATION TO HAVE 1 1/2HR. FIRE RATED DOORS/FRAMES. 1HR FIRE SEPARATIONS TO HAVE 3/4 HR. FIRE RATING DOOR/FRAMES.

1/2HR. FIRE SEPARATIONS TO HAVE 20MIN. FIRE RATED

DOORS/FRAMES 2. ALL FIRE RATED DOORS & SCREENS WITH GLAZING "GL" TO HAVE "FIRELITE" GLAZING AS REQUIRED INCLUDING ALL EXPOSURE SITUATIONS, ALL NON RATED GLAZING TO BE TEMPERED TYP. ALL EXTERIOR FOOR GLAZING TO BE LAMINATED SAFETY GLASS. ALL EXTERIOR DOORS & SCREENS TO HAVE INSULATED DOUBLE GLAZING, INTERIOR

3. ALL FRAMES FOR CONCRETE BLOCK WALLS & GYPSUM BOARD WALLS / PARTITIONS SHALL BE WRAP AROUND TYPE FOR WALL THICKNESS UP TO 190mm (TO BE SNUG / TIGHT FIT ON WALL SYSTEM THAT THEY ARE INSTALLED ON / IN) OVER 190mm WALLS TO RECEIVE 172mm FRAMES. (COORD. WITH FLOOR PLANS FOR WALL THICKNESS & LOCATIONS)

(COORINATE WITH A8 DETAILS)

4. FRAMES SHALL BE WRAP AROUND TYPE FOR WALL THICKNESS UP TO 190mm.
124mm GYP. BD. WALLS TO RECEIVE 146mm FRAME.
140mm GYP. BD. WALLS TO RECEIVE 168mm FRAME
153mm GYP. BD. WALLS TO RECEIVE 172mm FRAME
156mm GYP. BD. WALLS TO RECEIVE 172mm FRMAE
169mm GYP. BD. WALLS TO RECEIVE
184mm GYP. BD. WALLS TO RECEIVE 222mm FRAME
OVER 190mm GYP. BD. WALLS TO RECEIVE 172mm FRAMES
COORDINATE WITH FLOOR PLANS FOR WALL THICKNESS &
LOCATIONS OF BUTT FRAMES & TO DETAILS ON THIS
SHEET.

GENERAL NOTES:

COORDINATE WITH FLOOR PLANS & ELEVATIONS FOR LOCATIONS, REQUIRED FRAME WIDTH, 170° DOOR SWINGS & QUANTITY OF REQUIRED DOORS, FRAMES & SCREENS.

ALL FINISH HARDWARE INFORMATION SHOWN TO BE COORDINATED & VERIFIED WITH THE APPROVED HARDWARE SCHEDULE, INCLUDING BUT NOT LIMITED TO HOLD OPEN DEVICES, ELECTRIC STRIKES, SECURITY KEYPADS, AUTO DOOR OPENERS, CLOSERS, PANIC DEVICES, MAGNETIC HOLD-OPENS, OVERHEAD STOPS, PUSH PLATES, KICK PLATES & ANY OTHER DOOR HARDWARE REQUIREMENTS.

### SOUND / ACOUSTIC RATINGS:

COORD. W/ WALL TYPES FOR SOUND RATINGS (STC) & FLR. PLANS FOR WALL TYPE LOCATIONS. ALL DOORS, DOOR FRAMES, SCREENS & GLAZING THAT REQUIRE SOUND RATINGS TO HAVE SOUND PROOFING, SEALS @ PER.'S, RECESSED AUTOMATIC DROP DOWN SEALS AT SILLS, 12mm TEMPERED GLAZING. WD. FRAMES SHIM VOID FILLED SOLID W/ SOUND BATT INSUL

HM FRAMES ON CONC. BLOCK CONST. FILLED SOLID W/ MORTAR: HM FRAMES ON METAL / WD. FRAME CONST. TO HAVE BATT INSUL. OF 50mm+25mm FRICTION FIT INTO FRAME BEFORE INSTALL TO ENSURE COMPRESSION OF BATT WHEN INSTALLED

COORD. W/ ELEC. DWG.'S FOR EXIT SIGN & ELEC. EQUIP. LOCATIONS.

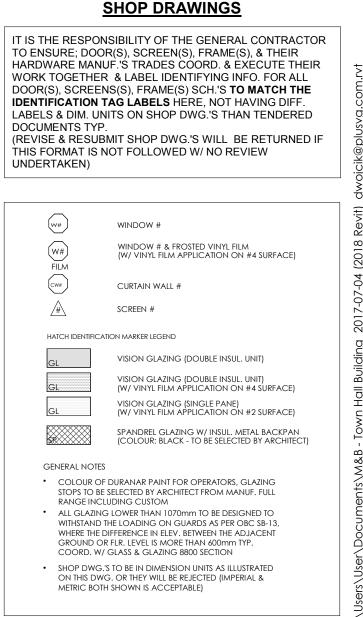
ALL ALUM. DOORS TO HAVE HEAVY DUTY BALL BEARING HINGES. ALL, H.M. & WOOD DOORS TO HAVE 3 BALL BEARING HINGES. ALL EXTERIOR H.M. DOORS TO HAVE 4 HINGES.

ALL EXTERIOR H.M. DOORS TO BE INSULATED, 16 Ga., CONT. WELDED C/W STIFFENER PLATES C/W WEATHER STRIPPING, FRAMES TO BE THERMALLY BROKEN

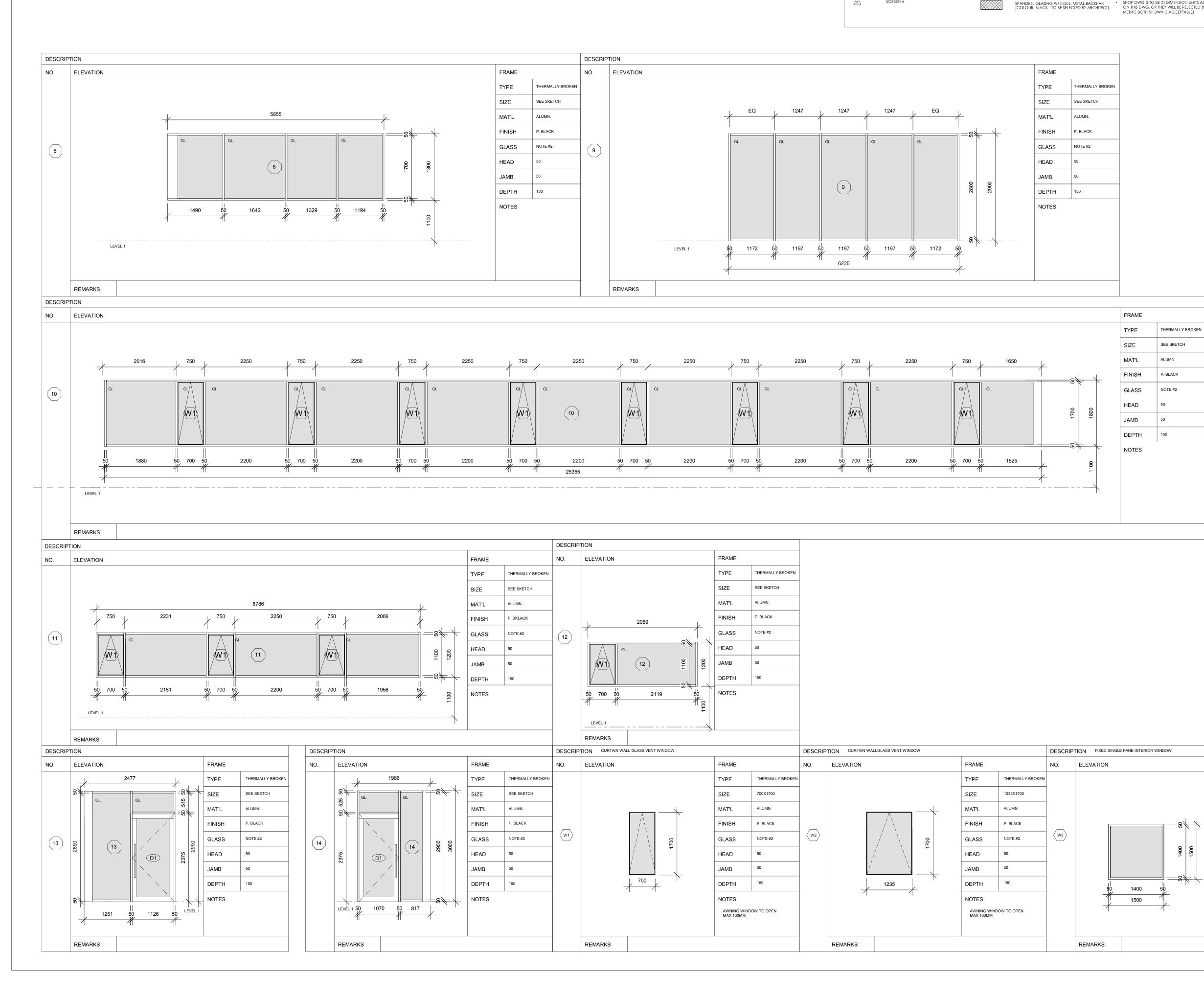
IN ALL CORRIDOR DOORS & HIGH TRAFFIC AREAS, PROVIDE 16 GAUGE CONT. WELDED DOORS & 3 HEAVY DUTY BALL BEARING HINGES.

ALL WASHROOM DOORS TO BE UNDERCUT BY 25mm (1") UNLESS NOTED OTHERWISE BY MECH.

## SHOP DRAWINGS



<ul> <li>BITTAGE</li> <li>BITTAGE</li></ul>	No.	Date	Schedule Particular	
Booners in white periastic of the comparent of the compar	2 3	2017.08.22 2017.10.06	TENDER ISSUE FOR CLIENT REVIEW ISSUE FOR CLIENT REVIEW	All dimensions and measurements must be checked and verified by the General Contractor
Client: Township of McNab Braeside Project: 21688 McNab / Braeside Municipal Building 2473 RUSSETT DRIVE, ARNPRIOR, ONTARIO K7S 3G8				awings and re le or in part is f mission of The
Township of McNab Braeside Project: 21688 McNab / Braeside Municipal Building 2473 RUSSETT DRIVE, ARNPRIOR, ONTARIO K7S 3G8 STORED ONTARIO K7S 3G8				
C ARCHIEC THE VENTIN GROUP THE VENTIN GROUP	Tov Proje 21 d Mo Bui 242	wnship a <b>ect:</b> 688 cNab / E ilding 73 RUSSE	Braeside Municip ETT DRIVE, ARNPR	al
	ARCHITECTS	THE VENTIN GROUP LTD		EDULE AND



(	w#
(	W#
(	FILM
	/#\

WINDOW # WINDOW # & FROSTED VINYL FILM (W/ VINYL FILM APPLICATION ON #4 SURFACE

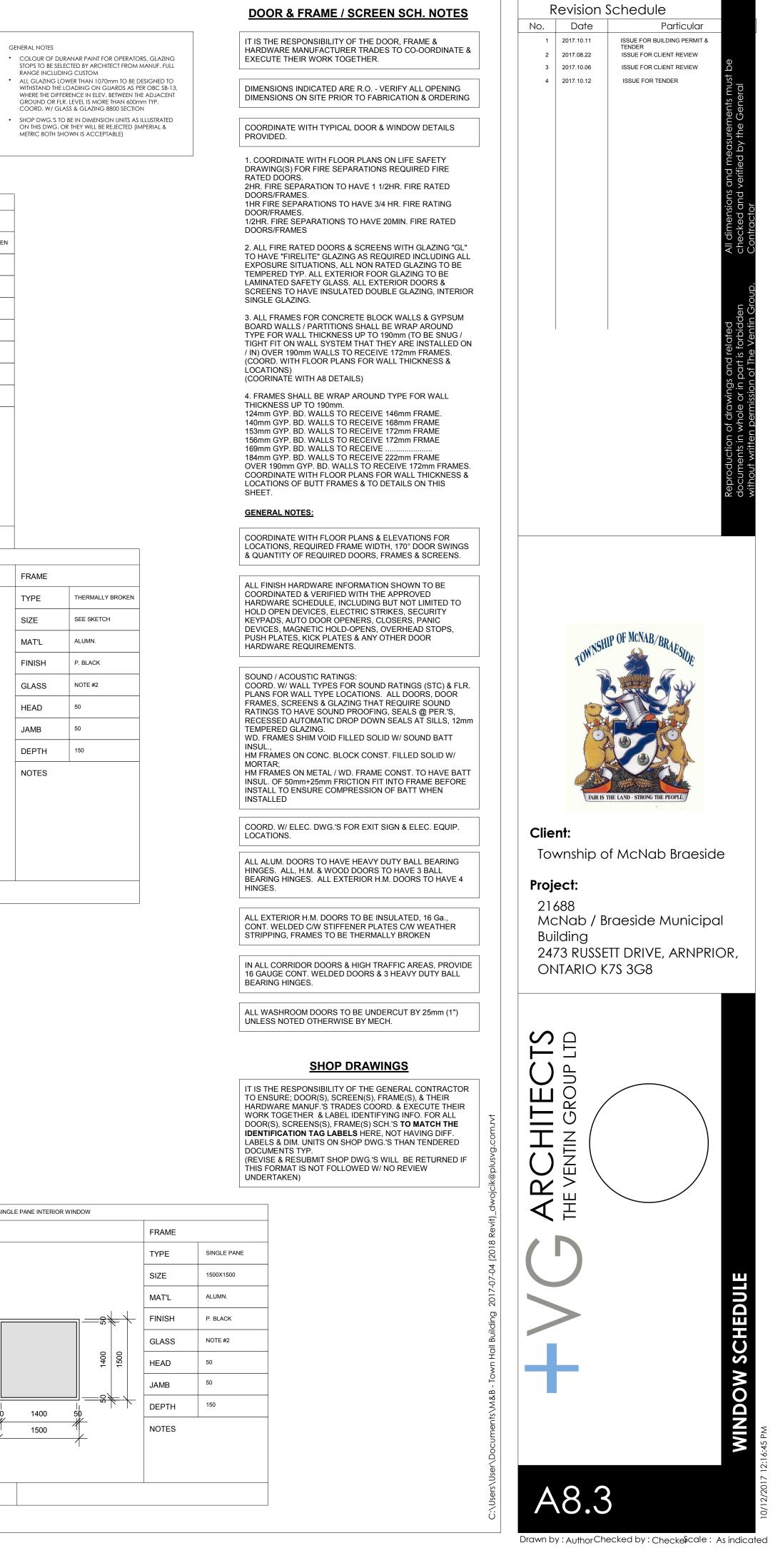
SCREEN #

CURTAIN WALL #



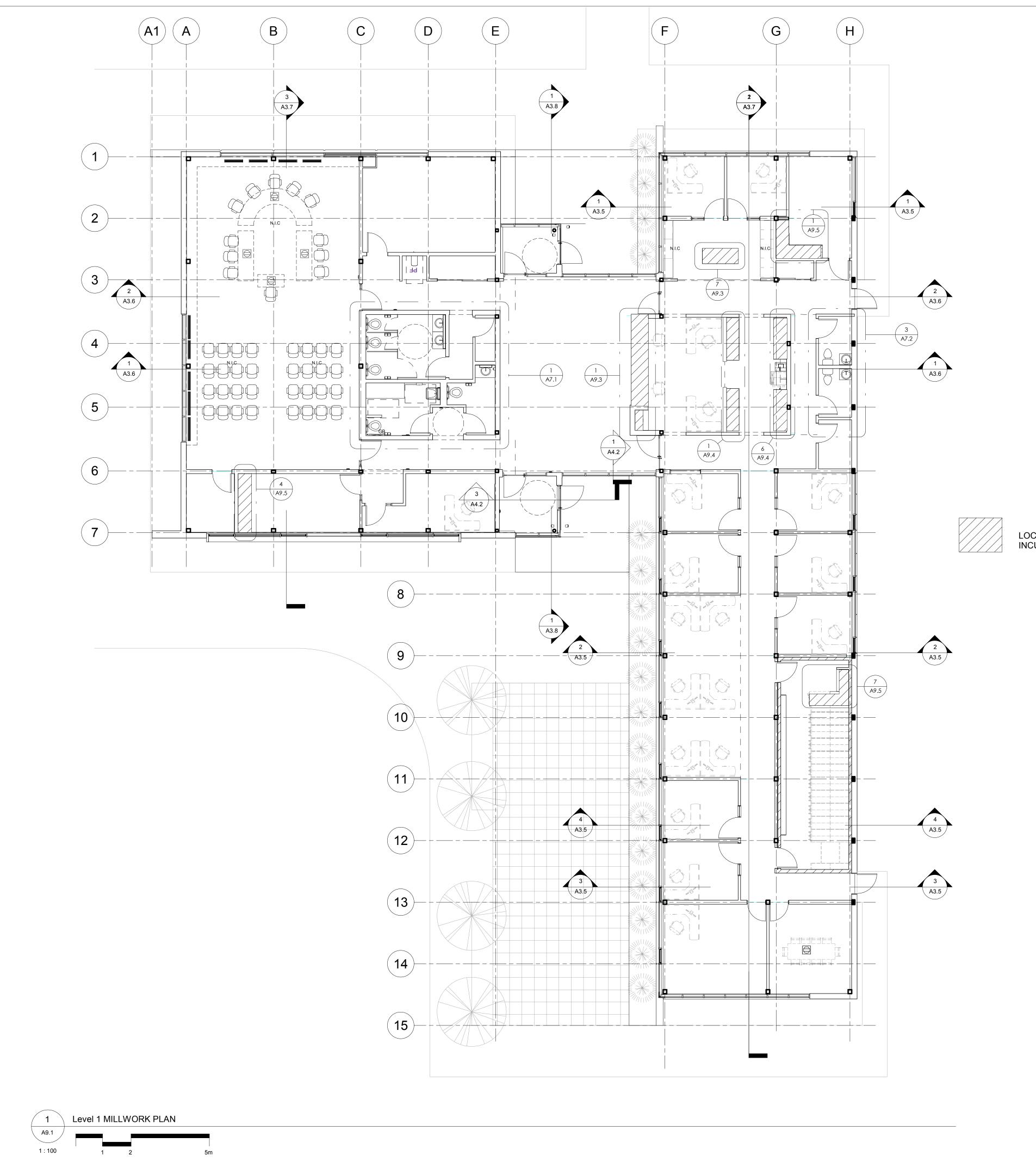
VISION GLAZING (DOUBLE INSUL. UNIT) (W/ VINYL FILM APPLICATION ON #4 SURFACE) VISION GLAZING (SINGLE PANE) (W/ VINYL FILM APPLICATION ON #2 SURFACE) GENERAL NOTES

RANGE INCLUDING CUSTOM



WODNW

' SCHEDULI



LOCATION OF MILLWORK



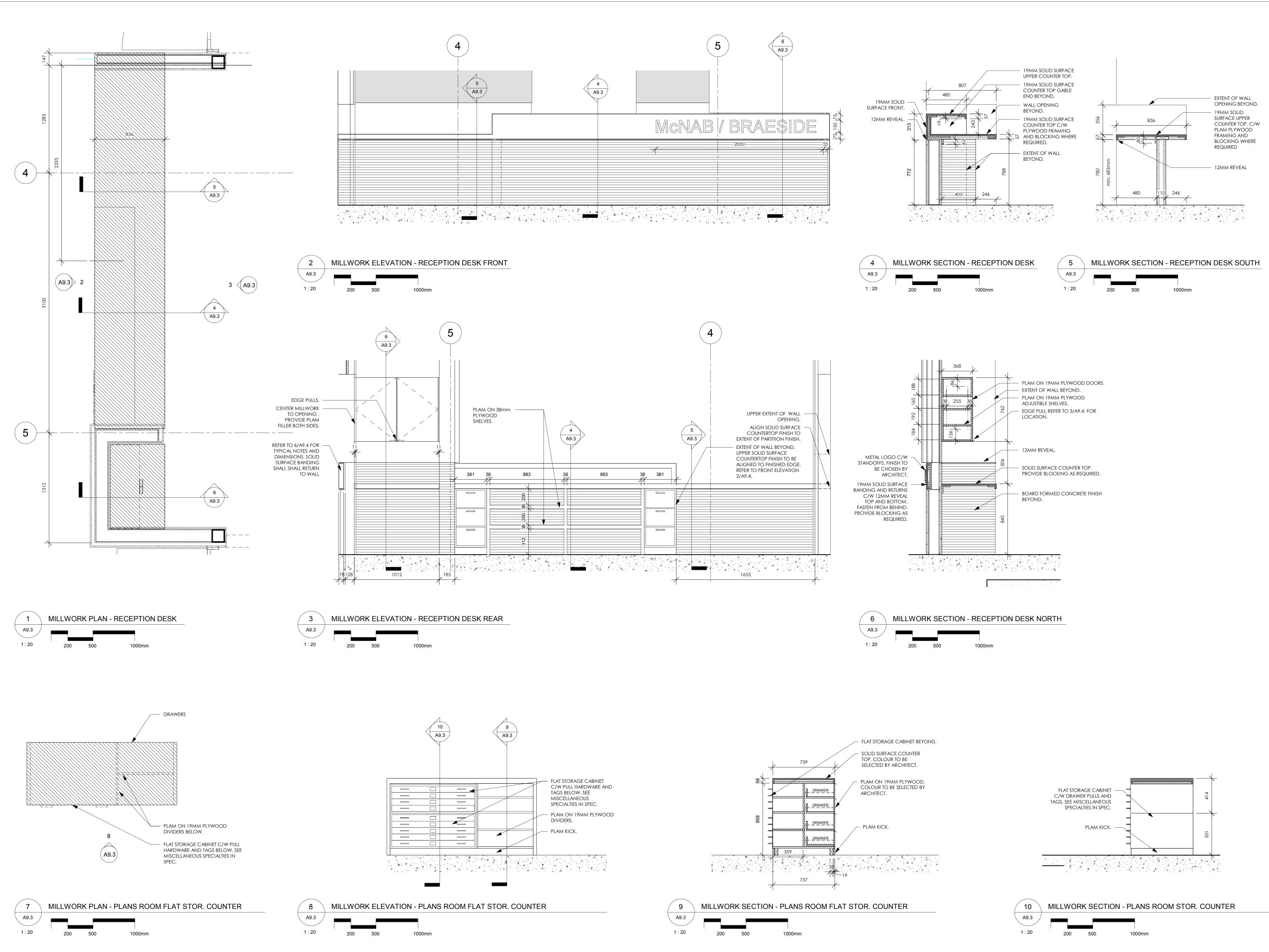
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## NUMBER

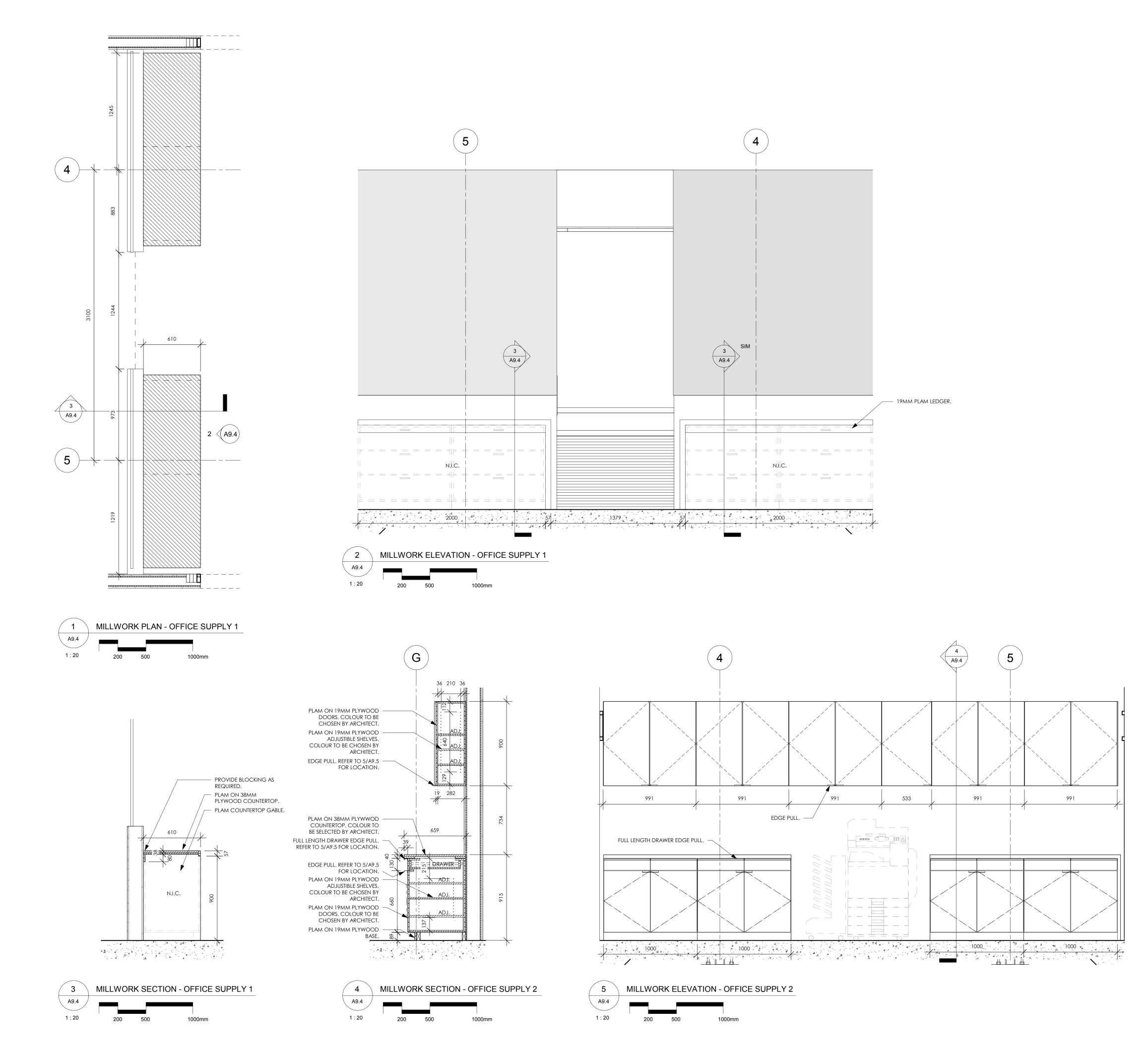
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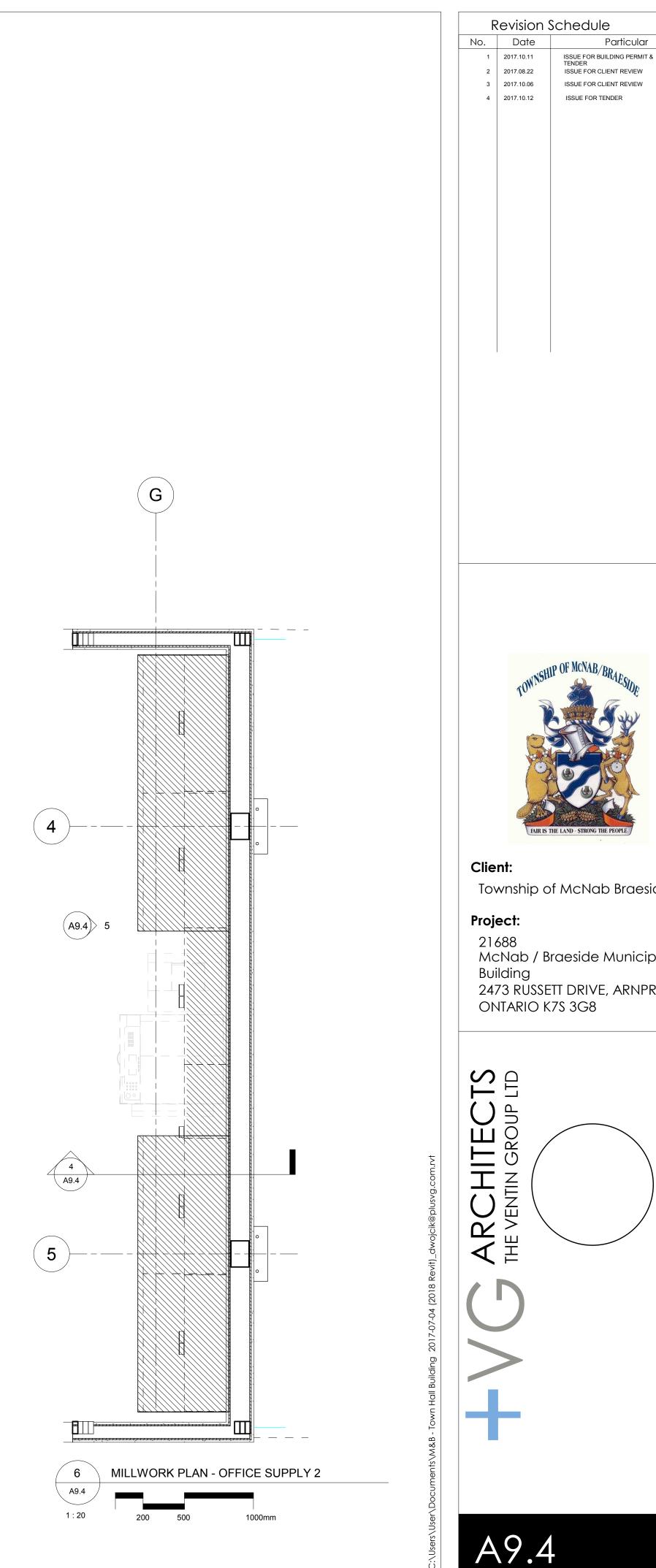
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		NO	RTH	SO	UTH		AST	WE	EST			-	
R	NAME	MAT'L NORTH	FIN. NORTH	MAT'L SOUTH	FIN. SOUTH	MAT'L EAST	FIN. EAST	MAT'L WEST	FIN. WEST	BASE	FEILD	AREA	COMMENT
	LOBBY	GB	Р	GB	Р	WD	WD S	WD	WD S	WBR	P CONC.	68 m <sup>2</sup>	
	VEST.	GB / GL	P. / GL	GB / GL	P. / GL	GB	WD	-	P. / GL	WBR	EPOX CONC.	8 m <sup>2</sup>	
	VEST.		P. / GL	GL	GL	GB	WD	GB. / GL		WBR	EPOX CONC.	7 m <sup>2</sup>	
	CLOSET	GB	P	GB	P	GB	P	GB	P	RB	P. CONC.	4 m <sup>2</sup>	
	CORRIDOR	GB	P	GB	WD/GB	-	P	GB	P	WBR	P. CONC.	10 m <sup>2</sup>	
	CORRIDOR	GB	WD/GB	-	P	GB	P	GB	P	WBR	P. CONC.	13 m <sup>2</sup>	
	MAYORS OFFICE	GB	P	GB	P	GB	P	GB	P	WBR	P CONC.	15 m <sup>2</sup>	
	MEN'S WASHROOM	GB	P / CER	GB	P/CER	GB	P/CER	GB	P / CER	RB	P CONC.	5 m <sup>2</sup>	
	8 PERSON MEETING ROOM	GB	P	GB	P	GB GB	P	GB	P	WBR	P CONC.	17 m <sup>2</sup>	
	UNIVERSAL WASHROOM		•		•		•		•	RB	P CONC.	9 m <sup>2</sup>	
		GB	P EPOX / CER	GB	P EPOX / CER	GB	P / CER	GB	WDS/ P	KD	F CONC.	7 111-	
	COUNCIL CHAMBER	GB	Р	GB	Р	GB	Ρ	WD / GB	WDS/ P	WBR	P CONC.	128 m <sup>2</sup>	
	A/V / STORAGE	GB	Р	GB	Р	GB	Р	GB	Р	RB	P CONC.	7 m <sup>2</sup>	
	woman's washroom	GB	P EPOX / CER	GB	P EPOX / CER	GB	P / CER	GB	P / CER	RB	P CONC.	12 m <sup>2</sup>	
	STORAGE ROOM	GB	Р	GB	Р	GB	Р	GB	Р	RB	P CONC.	30 m <sup>2</sup>	
	JAN. CLOSET	GB	Р	GB	Р	GB	Р	GB	Р	RB	P CONC.	2 m <sup>2</sup>	
	CORRIDOR	GB	Р	GB	WD	GB / GL	P/GL	GB	Р	WBR	P CONC.	13 m <sup>2</sup>	
	CORRIDOR	GB	WD	GB	P	GB / GL	P/GL	GB	P	WBR	P. CONC.	17 m <sup>2</sup>	
	CORRIDOR	GB	P	GB	P	GB	WD	GB	P	WBR	P. CONC.	7 m <sup>2</sup>	
	CORRIDOR	GB	P	GB	P	GYP	P	GB	P	WBR	P. CONC.	40 m <sup>2</sup>	
	RECEPTION	GB	P	GB	P	GB	P	GB	P	WBR	P CONC.	23 m <sup>2</sup>	
	PLANS PUBLIC OFFICE	GB	P	GB	P	GB	P	GB	P	WBR	P CONC.	16 m <sup>2</sup>	
	CBO OFFICE	GB	P	GB	P	GB	P	GB	P	WBR	P CONC.	9 m <sup>2</sup>	
	PLANNER OFFICE	GB	P	GB	P	GB	P	GB	P	WBR	P CONC.	8 m <sup>2</sup>	
	PHOTOCOPIER	GB	P	GB	P	GB	P	GB	P	WBR	P CONC.	16 m <sup>2</sup>	
	OFFICE SUPPLY	GB	Г	GB	Г	GD	F	GB	Г	WBR			
	LUNCH ROOM	GB	Р	GB	Р	GB	Р	GB	Ρ	WBR	P CONC.	16 m²	
	MEN'S W/C	GB	CER	GB	P EPOX	GB	P EPOX	GB	P EPOX	RB	P CONC.	4 m²	
	WOMAN'S W/C W/C	GB	P EPOX	GB	CER	GB	P EPOX	GB	P EPOX	RB	P CONC.	4 m²	
	EQUIPMENT STORAGE	GB	Р	GB	Р	GB	Ρ	GB	Р	RB	P CONC.	4 m <sup>2</sup>	
	TREASURER	GB	Р	GB	Ρ	GB	Р	GB	Р	WBR	P CONC.	10 m <sup>2</sup>	
	FINANCIAL ASSISTANT	GB	Р	GB	Р	GB	Ρ	GB	Р	WBR	P CONC.	10 m²	
	DIRECTOR OF PUBLIC WORKS	GB	Р	GB	Р	GB	Р	GB	Р	WBR	P CONC.	10 m²	
	RECREATION DIRECTOR	GB	Р	GB	Ρ	GB	Р	GB	Ρ	WBR	P CONC.	10 m <sup>2</sup>	
	FIRE CHIEF	GB	Р	GB	Ρ	GB	Р	GB	Р	WBR	P CONC.	10 m <sup>2</sup>	
	OPEN OFFICE SPACE	GB	Р	GB	Р	GB	Р	GB	Р	WBR	P CONC.	33 m²	
	FIRE PROOF FILE STORAGE	GB	Р	GB	Р	GB	Р	GB	Р	WBR	P CONC.	34 m²	
	EXEC. ASSISTANCE	GB	Р	GB	Р	GB	P	GB	Р	WBR	P CONC.	10 m <sup>2</sup>	
	DEPUTY CLERK	GB	Р	GB	Р	GB	Р	GB	Р	WBR	P CONC.	10 m <sup>2</sup>	
	CAO OFFICE	GB	Р	GB	Р	GB	Р	GB	Р	WBR	P CONC.	22 m <sup>2</sup>	
	MEETING ROOM	GB	P	GB	P	GB	P	GB	P	WBR	P CONC.	18 m <sup>2</sup>	
	CLOSET	GB	P	GB	P	GB	P	GB	P	RB	P. CONC.	2 m <sup>2</sup>	

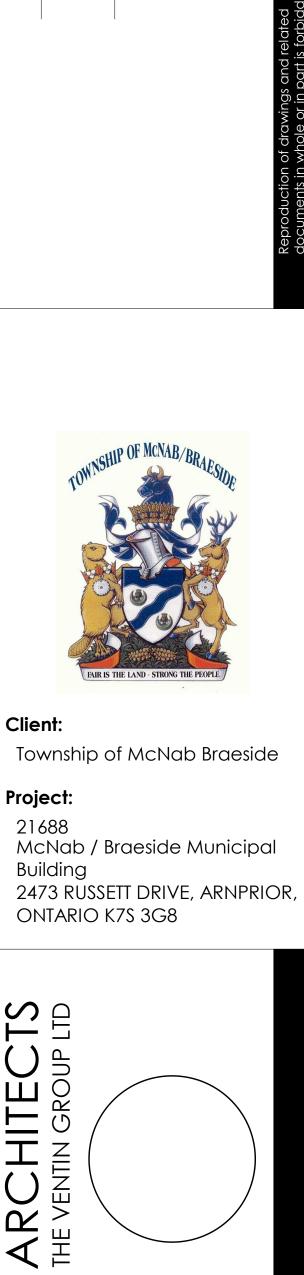
			F	Revision	Schedule	
			No. 1	Date 2017.10.11	Particular ISSUE FOR BUILDING PERMIT &	
			2	2017.08.22 2017.10.06	TENDER ISSUE FOR CLIENT REVIEW ISSUE FOR CLIENT REVIEW	þe
			4	2017.10.12	ISSUE FOR TENDER	ents must be Seneral
ABBREVIA	ATIONS LEGEND					$\sim$
CAR	-ACOUSTIC CEILING TILE					by the
BR	-BRICK					rified
CAR						ons and nd verifi
CB CER	-CONCRETE BLOCK -CERAMIC TILE (NON SLIP)					nensia ed ar actor
CONC.	- CONCRETE					All dim check Contra
 P CONC EPOX. CONC.	- POLISHED (SEALED) CONCRETE - CONCRETE W. EPOXY FINISH W. ABBRASSIVE MAT'L					<b>∢</b> 0 0
 EPOX. CONC.	- CONCRETE W. EPOXY FINISH W. ABBRASSIVE MATL					UD.
EX.	-EXISTING					den Gro
EX. WD F	-EXISTING WOOD -WOOD FINISH					lated orbidden Ventin Gr
GB	-GYPSUM BOARD					nd re art is fu f The `
GL	-GLAZING					ngs a r in pa ion o
LW MTL.	-LOW WALL (4'-0") - METAL					drawi ole ol ermiss
 N.WD	-NEW WOOD TO MATCH					n of d in who ten per
 P P EPOX	-PAINT -EPOXY PAINT					oroductio cuments i hout writte
P EPOX P.C	-EPOXY PAINT -POWDER COAT					Reprodu docume without
 POR	-PORCELAIN TILE					Ϋ́σ Ϋ́ς
R	-RETURNED FLOORING RUBBER BASE					
 RBF	-RUBBER FLORRING					
 RF	-REFINISH (STAIN & VARNISH)					
SHEET S.S	-SHEET FLOORING -STAINLESS STEEL					
 TIN	- TIN CEILING				OF MONTE	
T.M VCT	-TO MATCH -VINYL COMP. TILE			COWNSH	IP OF MCNAB/BRAESIDE	
WAIN	-WAINSCOTING					
WC	-WOOD					
WBR	-MAPLE WOOD BASE WITH 13mm REVEAL ABOVE BASE ALL PAINTED WHTIE					
				0		
				-		
				FAIR IS	THE LAND - STRONG THE PEOPLE	
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			Clie		A A A A A A A A A A A A A A A A A A A	_
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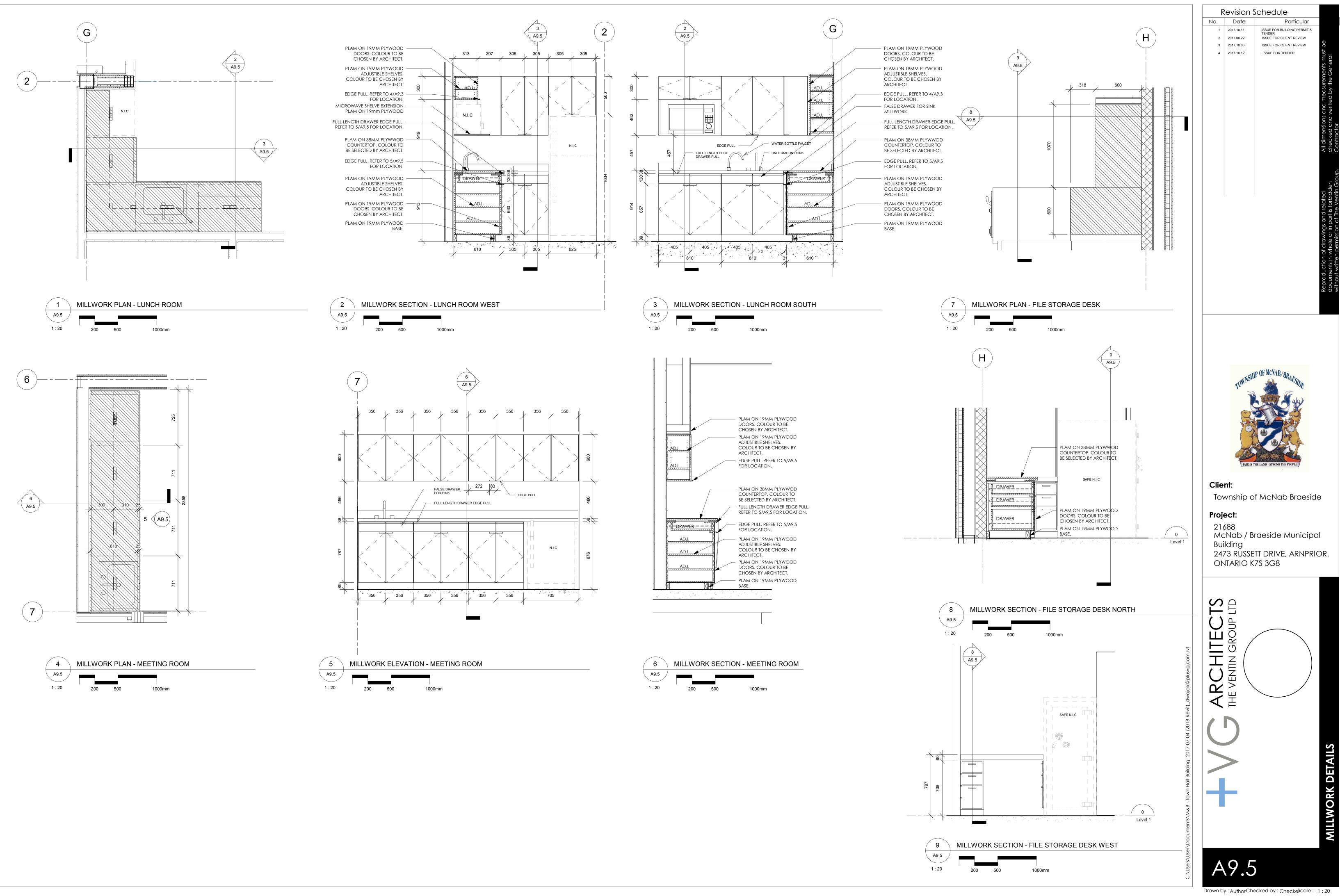


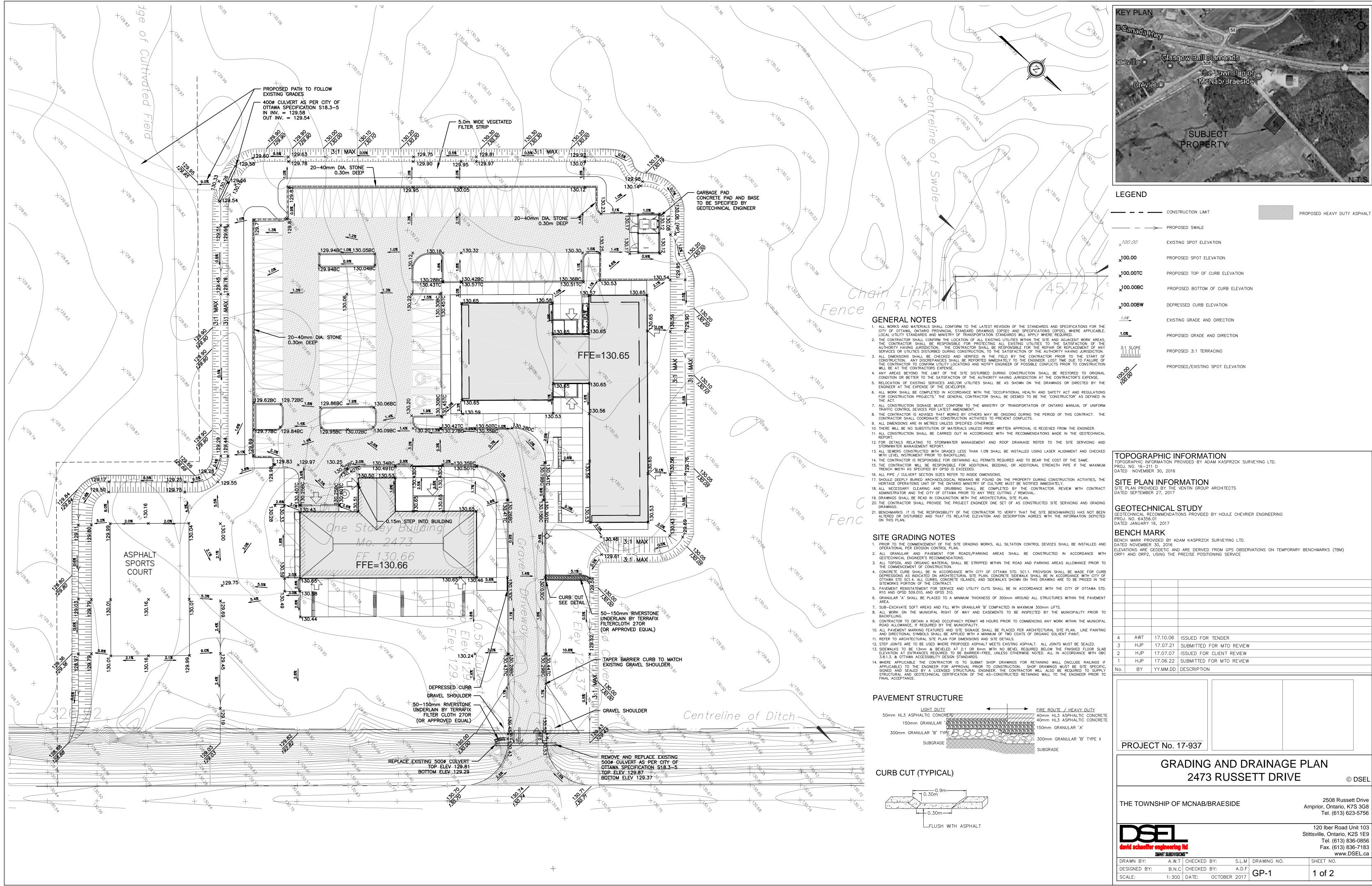




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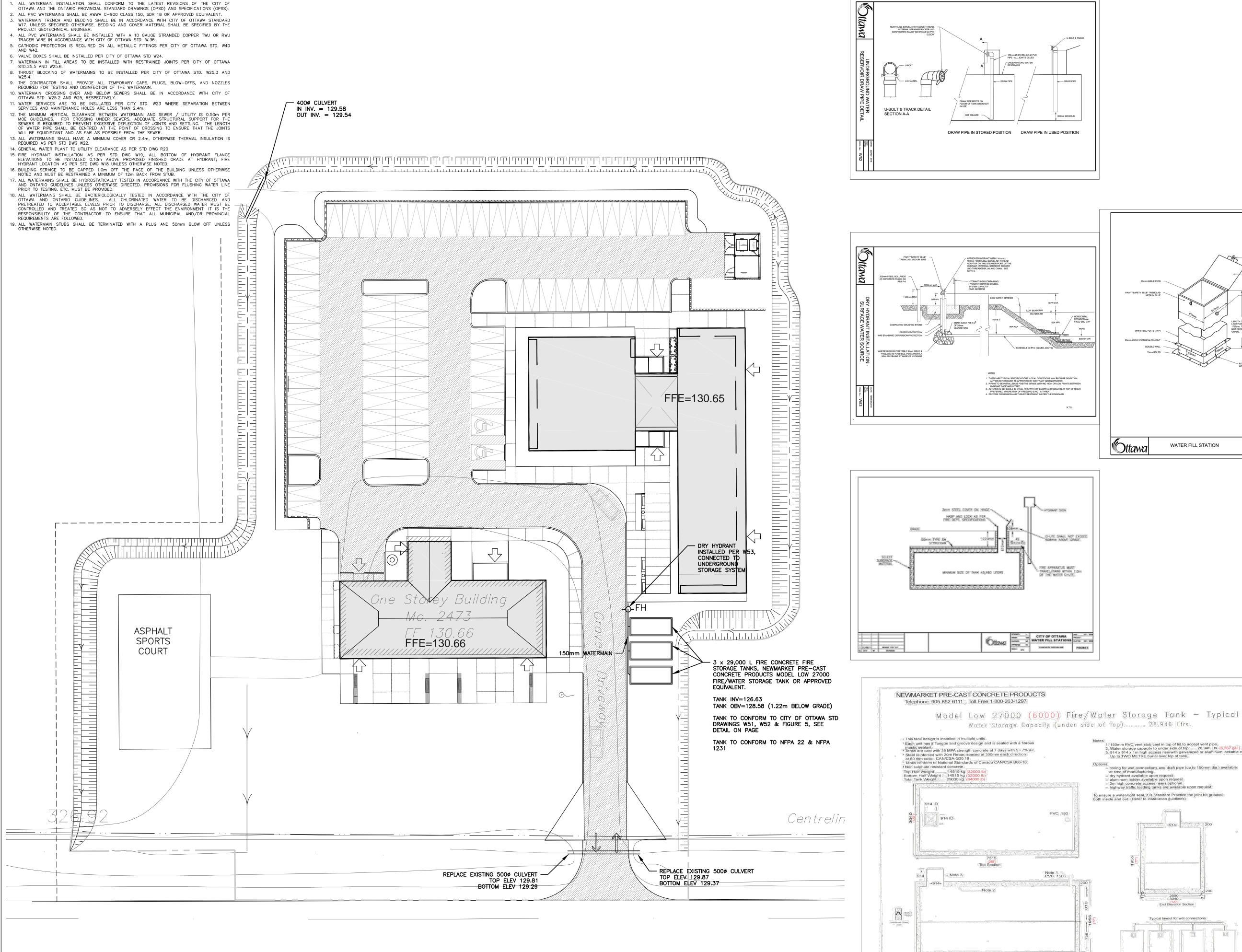




	CONSTRUCTION LIMIT	PROPOSED HEAVY DU	TY ASPHALI
	PROPOSED SWALE		
× <sup>100.00</sup>	EXISTING SPOT ELEVATION		
× <sup>100.00</sup>	PROPOSED SPOT ELEVATION		
× <sup>100.00TC</sup>	PROPOSED TOP OF CURB ELEVATION		
× <sup>100.00BC</sup>	PROPOSED BOTTOM OF CURB ELEVATION		
×100.00BW	DEPRESSED CURB ELEVATION		
1.0%	EXISTING GRADE AND DIRECTION		
1.0%	PROPOSED GRADE AND DIRECTION		
3:1 SLOPE	PROPOSED 3:1 TERRACING		
100.00	PROPOSED/EXISTING SPOT ELEVATION		
۸۲			

4	AWT	17.10.06	ISSUED FOR TENDER
3	HJP	17.07.21	SUBMITTED FOR MTO REVIEW
2	HJP	17.07.07	ISSUED FOR CLIENT REVIEW
1	HJP	17.06.22	SUBMITTED FOR MTO REVIEW
No.	BY	YY.MM.DD	DESCRIPTION

								, 020 0700
							120 Iber Roa	ad Unit 103
						Sti	ittsville, Ontario	o, K2S 1E9
							Tel. (613	) 836-0856
david schaeffer eng	<b>neering</b>	M					Fax. (613	) 836-7183
SMAR	T SUBDIVISION	S™					WW	w.DSEL.ca
DRAWN BY:	A.W.T	CHECKED	BY:	S.L.M	DRAWING NO.		SHEET NO.	
DESIGNED BY:	B.N.C	CHECKED	BY:	A.D.F	GP-1		1 of 2	
SCALE:	1: 300	DATE:	OCTOBER	2017	GF-I		TUIZ	

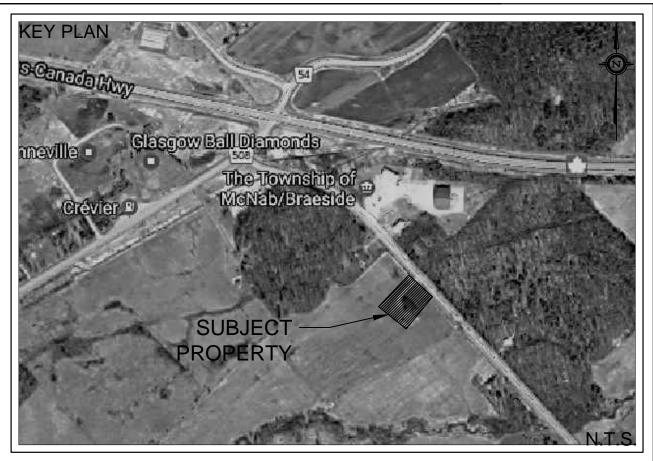


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WATERMAIN NOTES

Side Elevation Section

www.newmarketprecast.com

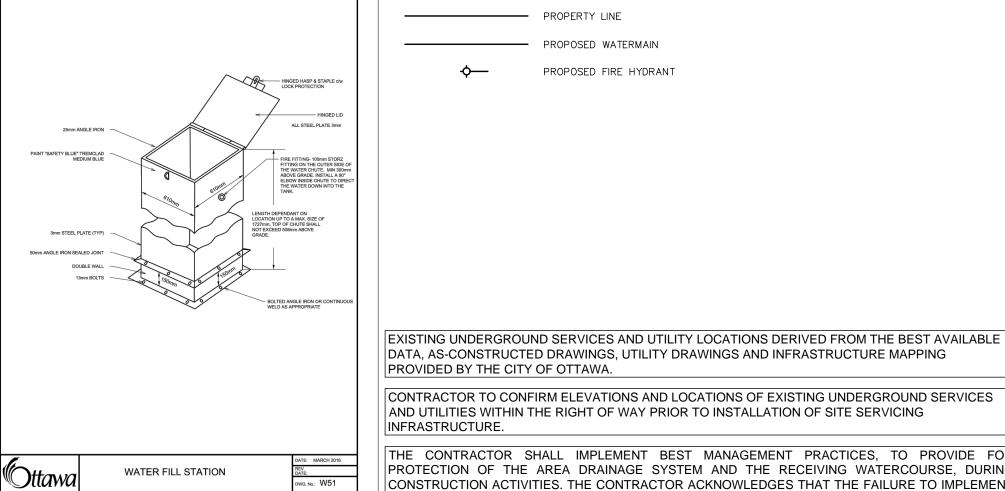


## LEGEND

PROPERTY LINE

-O---

PROPOSED WATERMAIN PROPOSED FIRE HYDRANT



INFRASTRUCTURE. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT THE FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES

### TOPOGRAPHIC INFORMATION ADAM KASPRZCK SURVEYING LTD.

IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

PROJ. NO. 16–211 D DATED NOVEMBER 30, 2016

SITE PLAN INFORMATION SITE PLAN PROVIDED BY THE VENTIN GROUP ARCHITECTS DATED SEPTEMBER 27, 2017

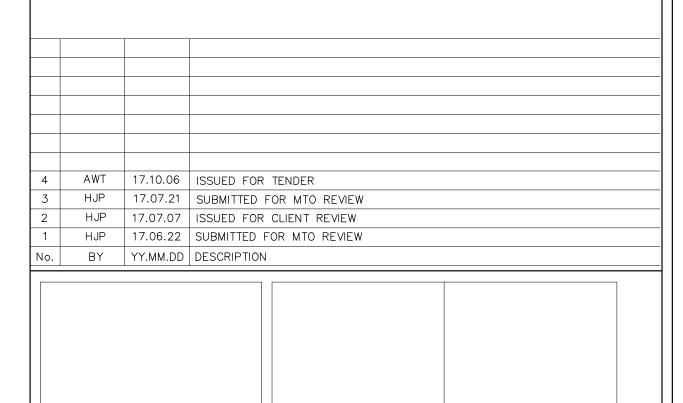
### GEOTECHNICAL STUDY GEOTECHNICAL RECOMMENDATIONS PROVIDED BY HOULE CHEVRIER ENGINEERING PROJ. NO. 64356.01

DATED JANUARY 16, 2017

BENCH MARK

BENCH MARK PROVIDED BY ADAM KASPRZCK SURVEYING LTD. DATED NOVEMBER 30, 2016

ELEVATIONS ARE GEODETIC AND ARE DERIVED FROM GPS OBSERVATIONS ON TEMPORARY BENCHMARKS (TBM) ORP1 AND ORP2, USING THE PRECISE POSITIONING SERVICE



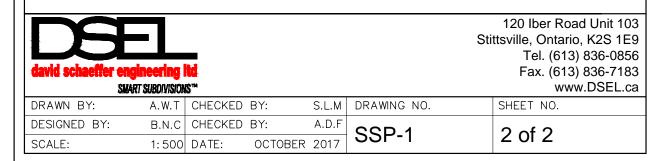
**PROJECT NoXX-XXX** 

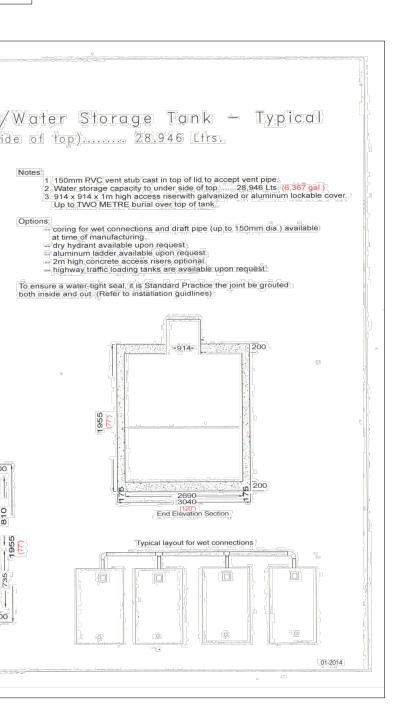
## SITE SERVICING PLAN 2473 RUSSETT DRIVE

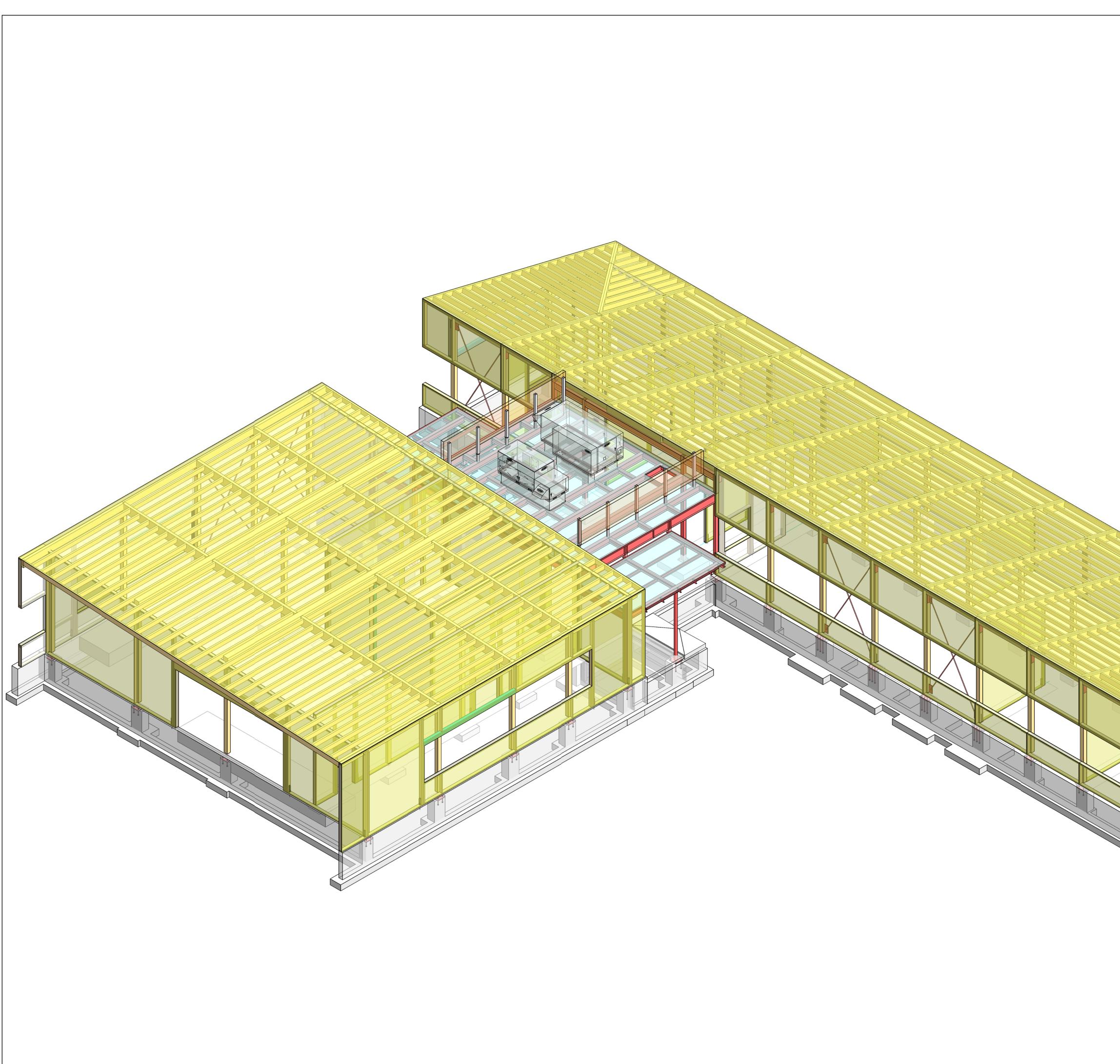
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THE TOWNSHIP OF MCNAB/BRAESIDE

2508 Russett Drive Arnprior, Ontario, K7S 3G8 Tel. (613) XXX-XXXX







DRAWING LIST	
S00COVER SHEETS01GENERAL NOTESS02SCHEDULESS03TYPICAL DETAILSS100GROUND FLOOR / FOUNDATIONS101LOBBY ROOF PLANS102ROOF PLANS200WALL ELEVATIONSS201WALL ELEVATIONSS202WALL ELEVATIONSS300SECTIONSS301SECTIONS	
	7       ISSUE FOR TENDER       OCT 11, 2017         6       ISSUE FOR TENDER REVIEW       OCT 06, 2017         5       ISSUE FOR TENDER       AUG 24, 2017         4       ISSUE FOR TENDER       AUG 24, 2017         3       ISSUE FOR DUILDING PERMIT       AUG 18, 2017         3       ISSUE FOR COORDINATION       AUG 11, 2018         2       ISSUE FOR PRICING       AUG 09, 2017         1       ISSUE FOR CLIENT REVIEW       JULY 07, 2017         No.         REVISION         No.         Intel contractor is responsible for checking and verifying all dimensions, any discrepancy shall be reported to the engineer         1.       The contractor is responsible for checking and verifying all dimensions, any discrepancy shall be reported to the engineer         2.       THS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT         3.       ADDITIONAL INFORMATION MAY BE ISSUED FOR CLARIFICATION TO ASIST PROPER EXECUTION OF WORK, SUCH DRAWINGS WITH HE DRAWINGS IN THE CONTRACT DOCUMENTS         4.       DO NOT SCALE DRAWINGS
	PROJECT 1632 MCNAB / BRAESIDE TOWN HALL ARCHITECT +VG ARCHITECTS
	D R A WING COVER SHEET
	CUNLIFFE & ASSOCIATES CONSULTING STRUCTURAL ENGINEERS 102-1737 WOODWARD DR. OTTAWA ON. K2C 0P9 TEL (613) 729-7242 FAX (613) 728-1461 Email <cunliffe@cunliffe.ca></cunliffe@cunliffe.ca>
	ENGINEERS SEAL SCALE DRAWN PMD J.C. CUFF 100187411 SHEET No 17-052 SHEET No

SEISMIC SYSTEM/LOADING DATA	.:			
MAIN BUILDING	_			
SEISMIC FORCE RESISTING SYSTE	M (SFRS)			
SFRS: SYSTEM & CONNECTI LATERAL LOAD RESIST	ONS: (2012 OBC	CLAUSE 4.1.8.9/4.1.8	.10) RUCTION BRACED E	RAMES,WOOD SHEARWALLS
Rd = 1.5				
Ro = 1.3 CSA STANDARD:		CAN/CSA	S16-09	CAN/CSA 086-09
APPLICABLE CLAUSE(S	,	27.11		9
SFRS: DIAPHRAGMS & CON CSA STANDARD:		.2 OBC CLAUSE 4.1.8.1	5)	CAN/CSA 086-09
APPLICABLE CLAUSE(S				9
SFRS: SYSTEM FOUNDATION CSA STANDARD: CAN,		LAUSE 4.1.8.16) FOR ANCHO FOR UNANG	DRED FOOTINGS	
				LOAD CAPACITY OF THE SFRS INCLUDING
		LIFICATION FACTORS	ESIST THE LATERAL	LOAD CAPACITY OF THE SERS INCLUDING
SEISMIC IMPORTANCE FACTOR: (	2012 OBC CLAU	ISE 4.1.8.5)		
le = 1.0				
PROJECT CITY: ARNPRIOR ONTAF SITE CLASS: THE NOTED SITE C		FOR SEISMIC SITE RES	PONSE AND SHEAR	WAVE VELOCITY
PARAMETERS IND	ICATED ARE AS	REPORTED IN THE GEO	DTECHNICAL REPOR	T # 64356.01 BY HOULE CHEVRIER ENGINEERING
		$\Box F \qquad (SITE SPECIF$		ALUES USED TO DETERMINE SITE CLASSIFICATION.
PGA: 0.310	~ A			
RESPONSE SPECTRUM DATA:				
5% DAMPED SPECTRAL RESPONS	E ACCELERATIO	N VALUES: (2012 OBC	SUPPLEMENT STAN	DARD SB-1)
Sa (0.2) = 0.610 Sa (0.5) = 0.290				
Sa (1.0) = 0.130				
Sa (2.0) = 0.044 DESIGN SPECTRAL RESPONSE ACC	CELEBRATION VA	LUFS (DSRAV): (2012 (	DBC CLAUSE 4.1.8.4	
				-
X CLASS D: (Fa=1.156/Fv=1.37)				
S (0) = 0.705				
S(0.2) = 0.705 S(0.5) = 0.397				
S(1.0) = 0.178				
S (2.0) = 0.060 S (4.0) = 0.030				
SYSTEM RESTRICTION VALUE: le	FaSa(0, 2) = 0, 70	95 <u>≥</u> 0.35 🙀 YES		
	1 404(012) 0170			
PERIOD DATA:				
STATIC PERIOD: (2012 OBC C	LAUSE 4.1.8.11	<u>(3))</u>		
Ta (STATIC) NS = 0.125 sec				
Ta (STATIC) EW = 0.125 sec				
DESIGN PERIODS/MODE & M	OMENT FACTO	RS: (2012 OBC CLAUSE	(4.1.8.11(5))	
$\frac{Sa(0.2)}{Sa(2.0)} = 13.9 \ge 8.0$	X YES	<u>,</u>	······································	
Sa(2.0) —				
Ta (DESIGN) NS = 0.125 sec Ta (DESIGN) EW = 0.125 sec	MV = 1.00 MV = 1.00			
		J = 1.00		
DESIGN FUNDAMENTAL PERIOD	BASED DSRAV:			
S(Ta) NS = 0.705 S(Ta) EW = 0.705				
IRREGULARITY REVIEW (2012 OB	C CLAUSE 4.1.8	.6)		
1. VERTICAL STIFFNESS:	🗆 YES 🕱	NO		
2. WEIGHT:		NO NO NO NO NO NO		
<ol> <li>VERTICAL GEOMETRIC:</li> <li>IN PLANE DISCONTINUITY:</li> </ol>	□ YES 🙀 □ YES 🙀	NO NO		
<ol> <li>OUT OF PLANE:</li> <li>WEAK STOREY:</li> </ol>	□ YES 🕅 □ YES 🕅	NO		
7. TORSIONAL:		NO		
B NS = N/A (FLEXIBLE DIAP B EW = N/A	(TRAGIVI)			
8. NON-ORTHAGONAL:	🗆 YES 🗙	NO		
CONCLUSION: BUILDING IS	X REGULAR			
DYNAMIC ANALYSIS: DYNAMIC PROCEDURE METHOD:	□ REQUIRED □ MODAL RE	NOT REQUIRED	NUMERICAL INTEG	RATION TIME HISTORY 🕱 N/A
TORSIONAL ECCENTRICITY:		x (4.1.8.11(10a), B ≤ 1.7		RCE PROCEDURE)
		x (4.1.8.12(4a), B ≥ 1.7) x (4.1.8.12(4b), B < 1.7,		LYSIS)
STRUCTURAL SEPARATION:		AND EXISTING STRUCT ) OF THE 2012 O.B.C.	URES HAVE BEEN SI	EPARATED IN ACCORDANCE WITH
	X N/A	, 0.0.0.		
BASE SHEARS/MOMENTS(2012 O	BC CLALISE / 1	8.11)		
Vstatic = S(Ta)MvIeW/(RdRo) = 9				
STATIC MAXIMUM/MINIMUM V				
	LULJ.			
$\frac{\text{NORTH-SOUTH:}}{100000000000000000000000000000000000$				
Vmin = S(2.0)MvIeW/(RdRo) = 83 Vmax = 2/3 S(0.2)IeW/(RdRo) = 6		W = 2695 kN W = 2695 kN		
$\sum_{i=1}^{n} \sum_{j \in \mathcal{I}} \sum_{i \in \mathcal{I}} \sum_{i \in \mathcal{I}} \sum_{j \in \mathcal{I}} \sum_{i \in \mathcal{I}} \sum_{i$		2000 KN		
<u>EAST-WEST:</u> ( $\leftrightarrow$ )				
Vmin = S(2.0)MvIeW/(RdRo) = 83		W = 2695 kN		
Vmax = 2/3 S(0.2)IeW/(RdRo) = 6	50 kN	W = 2695 kN		

<ol> <li>ANY DEVIATION FROM THE CONDITIONS SHOWN ON THESE DRAWINGS MUST BE REPORTED TO THE ENGINEER.</li> <li>THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH STRUCTURE HAS BEEN DESIGN FOR ACCORDANCE WITH STRUCTURE HAS BEEN DESIGN FOR STRUCTURES CAN STANDARD 223 3-04 DESIGN OF CONCERCE STRUCTURES CAN STANDARD 223 3-04 DESIGN IN WOOD ANY MODIFICATIONS TO EXISTING STRUCTURES ARE TO BE LIMITED TO WORK MORED ON THESE DRAWINGS. ANY ADDITIONAL OR PROPOSED MODIFICATIONS TO EXISTING STRUCTURES MUST DE APPROVED BY THE REGIMEET</li> <li>DECUNDATIONS SARE TO BEAR ON NATURAL UNDISTURBED SOLL OR ENGINEERED FILL</li> <li>BEARNE CANACTY USED IN THE FOOTING DESIGN IS ASSUMED TO BE SIS-IS DIG MA/ULS-200 KPa DESIGN IS ASSUMED TO BE SIS-IS DIG WA/ULS-200 KPa DESIGN IS ASSUMED TO BE SIS-IS DIG WA/ULS-200 KPa DESIGN IS ASSUMED TO BE SIS-IS DIG WA/ULS-200 KPa DESIGN IS ASSUMED TO BE UNREFIT DESIGN AT THE WATE DESIGN IS ASSUMED TO BE UNREFIT DESIGN AT THE WATE DESIGN IS ASSUMED TO BE UNREFIT DESIGN AT THE WATE DESIGN IS ASSUMED TO BE UNREFIT DESIGN AT THE WATE DISCOMPOSITION &amp; COMPACTION OF FILL SUPPORTING SLABS ON GRADE TO BE UNREFIT DESIGN AT THE WATE DISCOMPOSITION &amp; COMPACTION OF FILL SUPPORTING SLABS ON GRADE TO BE UNREFIL DESIGN TO BE GRADE ANDID LONG &amp; MARGOW SAWCUT PATTERNS, LOCATE SAWCUTS ANDID LONG &amp; MARGOW SAWCUT PATTERNS, LOCATE SAWCUTS ANDID LONG SA WARDOW SAWCUT PATTERNS, LOCATE SAWCUTS ANDID LONG &amp; MARGOW SAWCUT PATTERNS, LOCATE SAWCUTS ANDID LOCATION STORED ETCHNICAL EXPORT DISCOMPOSITION &amp; COMPACTION OF FILL SUPPORTING SLABS ON ORAL SEC COTTON THERE POSSIEL CONTACTOR IS TO PROVIDE THE ENGINEER MITH DOCUMENTATION SHOWING PROPOSED SAWCUT LOCATIONS STRUET POSTERIOR AND TO BE GRADE AUCTION STRUCTURAL STREEL SECTIONS TO BE GRADE AUCT SUPPORT ALL WAY AWAY SHARE STREEL SECTION STO BE GRADE AUCT AND ALL WAY AWAY SHARE STREEL SECTION STO BE AS ANDATED OT</li></ol>	<ul> <li>L DOTINGS IN WALLS PROVIDE 2-20M T &amp; B OF OPENING CETEODINGS OW MAILS PROVIDE 2-20M T &amp; B OF OPENINGS.</li> <li>2 FOR ADDITIONAL OPENINGS 300 × 300 × 500 OF SMALLER SEE ARCHTECTURAL &amp; MECHANICAL DHAVINGS.</li> <li>3 DIADS ALL LOADS &amp; FORCES INDICATED ON THESE DRAWINGS MOT SHOWN ON THESE DRAWINGS TO THE ENGINEER.</li> <li>3 LIADS ALL LOADS &amp; FORCES INDICATED ON THESE DRAWINGS.</li> <li>4 DEALE AND AND AND AND AND AND AND AND AND AND</li></ul>	<ul> <li>DESIGN &amp; DETAILING CRITERIA FOR SUPPLIERS</li> <li>JUINTAIN WALLS</li> <li>JUINTAIN WALLS ARE TO BE DESIGNED AND DETAILED SUPPORTS FOR CLIENTIN WALLS ARE TO BE DESIGNED AND DETAILED YOURTAIN WALL SUPPLIER, SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR REVIEWS SHOP DRAWINGS ARE TO BE STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER</li> <li>STRUCTURAL STEFL CONNECTIONS ARE TO BE DESIGNED AND DETAILED BY STRUCTORS AT STELE SUPPLIES, SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR REVIEW. SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR REVIEW. SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR REVIEW. SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR REVIEW. SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR REVIEW. SHOP DRAWINGS ARE TO BE SUBSIST</li> <li>STELLSTUDS &amp; JOITS SUPPLIER, SHOP DRAWINGS ARE TO BE STAMPED AND SUBSISTS</li> <li>STELLSTUDS &amp; JOITS SUPPLIER, SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR REVIEW. SHOP ORTAINED SUBJECT TEAM FOR REVIEW. SHOP DRAWINGS ARE TO BE STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER.</li> <li>MISCELLANCOUS MICHAES AS TO BE DESIGNED AND DETAILED BY STELLSTUDS &amp; JOITS SUPPLIER, SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR DESIGNED AND DETAILED SWINGK IS TO BE INSPECTED DURING CONSTRUCTION BY THE REVIEW. SHOP ONTARIO. ALL STELL STUD &amp; JOIST WORK IS TO BE INSPECTED DURING CONSTRUCTION BY THE SUPPLIER. SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR REVIEW. SHOP DRAWINGS ARE TO BE DESIGNED AND DETAILED SWINGK METALS &amp; STELLSTAIRS SUPPLIER. SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM FOR REVIEW. SHOP DRAWINGS ARE TO BE SUBMITTED TO DESIGN TEAM SUPPLIER. SHOP DRAWINGS ARE TO BE SUBMIC RESTRUCTION BY THE PROVINCE OF ONTARIO. ALL MARCMETALS &amp; STELLSTAIRS WORK IS TO BE INSPECTED DURING CONSTRUCTION BY THE PROVINCE OF ONTARIO. ALL MARCMETALS &amp; STELLSTAIRS WORK IS TO BE SUBMIC RESTRUCTION STRUCTION BY THE ROWING ARE TO BE SUBMIC RESTRUCTION STRUCTION STHE THE PROVINCE OF ONTARIO. ALL MARCMETALS ASTELL</li></ul>	SERE FOR TENDER     S
WIND UPLIFT(REF FIG I-9 NBC 2010 STRUCTURAL COMMENTARY I)PNET = 1.4 (pe-pi) - 0.9 DPe = Iw q Ce Cp CgPf = 1.4 Pw NET - 0.9 PdPi = Iw q Ce Cpi CgiPw NET = Pe - Pi $z = 2.0 m$ Pw NET INTERIOR = 0.82 kPaPw NET PERIMETER = 1.07 kPaDESIGN SNOW LOAD PARAMETERS ARNPRIOR, ONTARIO, CANADA S = Is [Ss(CbCwCsCa)+Sr] Ss = 2.5 kPa Sr = 0.4 kPa Is = 1.10S = 1.0 [2.5(0.8x1.0x1.0x1.0)+0.4] S = 2.40 kPa	WIND(2012 OBC 4.1.7, 2010 NBC COMMENTARY FIGURE I-7 TO I-9)P= Iw q Ce Cp Cgq = 0.37 kPaIw (uls) = 1.0Iw (sls) = 0.75Ce = VARIES FROM 0.9 TO 1.4CpCg = 1.3 OR 1.95N.S ( $\uparrow$ ) E.W( $\leftrightarrow$ ) UNITSVBASE96.2073.50KNMBASE481367KN.mNORTH FOR THE PURPOSES OF THIS DATA IS AT THETOP SIDE OF ALL PLANS IN THIS SET OF DRAWINGS		ENGINEERS SEAL       SCALE         1:100       TI:100         Image: State of the stat
$\frac{\text{DESIGN SNOW LOAD PARAMETERS}}{\text{ARNPRIOR, ONTARIO, CANADA}}$ $S = Is [Ss(CbCwCsCa)+Sr]$ $Ss = 2.5 \text{ kPa}$ $Sr = 0.4 \text{ kPa}$ $Is = 1.10$ $S = 1.0 [2.5(0.8x1.0x1.0x1.0)+0.4]$	Ce = VARIES FROM 0.9 TO 1.4 CpCg = $1.3 \text{ OR } 1.95$ N.S ( $\uparrow$ ) E.W( $\leftrightarrow$ ) UNITS VBASE 96.20 73.50 KN MBASE 481 367 KN.m NORTH FOR THE PURPOSES OF THIS DATA IS AT THE	ONTARIO. ALL SCREEN INSTALLATIONS ARE TO BE INSPECTED DURING CONSTRUCTION BY THE DESIGN ENGINEER OF RECORD <u>NOTE:</u> INSPECTION REPORTS CREATED AS A RESULT OF THE ABOVE NOTED WORK MUST BE SUBMITTED TO THE CONSTRUCTION MANAGER. CONSTRUCTION MANAGER IS TO PROVIDE COPIES TO	ENGINEERS SEAL

FOOTING SCHEDULE				
MARK	SIZE	REINF'G		
F1	750X750X300 DP	3-15M X 650 BEW (H)		
F1A	750X750X300 DP	3-15M X 650 TEW (H) 3-15M X 650 BEW (H)		
F2	1200X1200X300 DP	4-15M X 1100 BEW (H)		
F2A	1200X1200X300 DP	4-15M X 1100 TEW (H) 4-15M X 1100 BEW (H)		
F3	1500X1500X300 DP	5-15M X 1400 BEW (H)		
F3A	1500X1500X300 DP	5-15M X 1400 TEW (H) 5-15M X 1400 BEW (H)		
F4	1000x1000X300 DP	3-15M X 900 BEW (H)		
F5	2000x2000X300 DP	7-15M X 1900 TEW (H) 7-15M X 1900 BEW (H)		
WF1	600X300 DP	3-15M B CONT.		

NOTES:

1. SEE GENERAL NOTES ALSO.

2. ALL FOOTINGS TO BE CENTERED UNDER PIERS, COLUMNS ORWALLS UNLESS NOTED.

WALL FOOTINGS TO EXTEND BEYOND ENDS OF WALLS

A DISTANCE EQUAL TO THE SIDE PROJECTIONS.

4. SEE PLANS FOR CONCRETE COMPRESSIVE STRENGTHS.

REINFORCING BAR LAP LENGTH TABLE					
CONCRETE STRENGTH	REINFORCING BAR LAP LENGTH (mm)				
(MPa)	10M	15M	20M	25M	
20	475	700	850	1325	
25	425	600	750	1200	
30	400	550	675	1100	
35	375	525	625	1000	

FOR SPECIAL CONDITIONS MULTIPLY THE VALUES LISTED ABOVE BY THE FOLLOWING FACTORS:

1. EPOXY COATED REINFORCING (X 1.5)

2. HORIZONTAL REINFORCING WITH >300 mm CONCRETE BELOW (X 1.3)

3. FOR CONDITIONS 1 & 2 OCCURRING SIMULTANEOUSLY (X 1.7)

CONCR	CONCRETE BLOCK MASONRY WALLS					
REINFC	REINFORCING BAR LAP LENGTH TABLE					
R	REINFORCING BAR LAP LENGTH (mm)					
HJR	10M	15M	20M	25M	30M	
300 525 750 925 1450 1725						
FOR SPECIAL CONDITIONS MULTIPLY THE VALUES LISTED ABOVE BY THE FOLLOWING FACTORS: 1. EPOXY COATED REINFORCING (X 1.5) 2. HORIZONTAL REINFORCING WITH >300 mm GROUT BELOW (X 1.3) 3. FOR CONDITIONS 1 & 2 OCCURRING SIMULTANEOUSLY (X 1 7)						

3. FOR CONDITIONS 1 & 2 OCCURRING SIMULTANEOUSLY (X 1.7)

MASONRY LINTEL SCHEDULE NON-LOAD BEARING WALL				
140 OR 190 WD REINF'D CONC BLOCK				
SPAN	MASONRY LINTE			
0 - 1000 mm	200 DP 1-15M BOT CONT			
1001 - 1900	400 DP 1-20M BOT CONT			
1901 - 2500	600 DP 1-20M TOP & BOT CONT			
2501 - 3200	800 DP 1-20M TOP & BOT CONT			
NOTE: 1. ALL MASONRY LINTELS ARE TO BE GROUTED SOLID				

1. ALL MASONRY LINTELS ARE TO BE GROUTED SOLID 2. GROUT WALL ENDS SOLID BELOW LINTEL FOR WIDTH OF 200 mm LINTEL BEARING

3. SEE DRAWING S01 FOR MASONRY REINFORCEMENT PROVIDE 1-20M VERT IN EACH GROUTED CORE AT WALL ENDS EACH SIDE OF LINTEL OPENING UNLESS NOTED OTHERWISE ON PLANS. 4. USE LOW WEB BLOCKS FOR LINTEL COURSES

CONTAINING HORIZONTAL REBAR

COLUMN SCHEDULE					
MARK	SIZE				
WC1	175 X 190				
WC2	130 X 190				
WC3	80 X 190				
C1	HSS 152 X 152 X 8.0				
C2	HSS 127 X 127 X 6.4				
C3	HSS 141Ø X 6.4				
<u>NOTES:</u>					

1. ALL HSS SECTIONS TO BE ASTM A500 (GRADE C) OR G40.21M350W (CLASS C).

2. SEE ALSO GENERAL NOTES ALSO 3. ALL GLULAM COLUMNS TO BE GRADE 12c-E

P2A					
AS	SEP				
NOTE:					
1.	PRO BELC PERI PLA <sup>T</sup>				
2.	PRO				
3.	ALL				
1.	ALL				
5.	ALL				
5.	USE TEQ & AI				
7.	PRO ANC				
-					

CON MAR Ρ1

NOTES:

SPAN SIZE BEARING EE								
0 - 1200 mm	L 89 x 89 x 8	100 mm						
1201 TO 1800	L 102 x 89 x 8 LLV	100 mm						
1801 - 2400	L 127 x 89 x 8 LLV	100 mm						
2401 - 3000	L 152 x 102 x 8 LLV	150 mm						
3001 - 3400 L 152 x 102 x 9.5 LLV 175 mm								
NOTES: 1. ALL EXTERIOR ANGLES TO BE HOT DIPPED GALVANIZED. 2. ALL INTERIOR ANGLES TO RECEIVE PRIMER.								

MARK

BP1

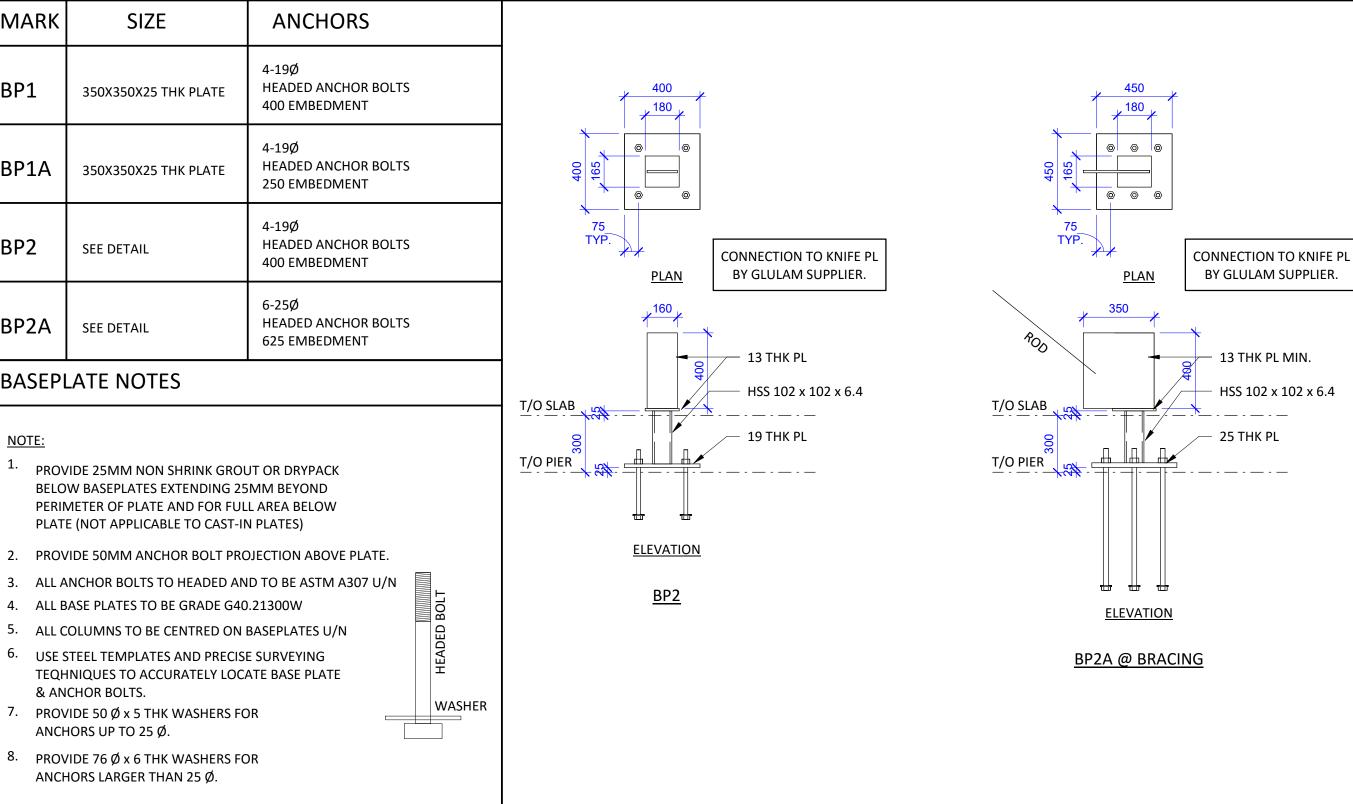
BP1A

B

BP2

## BASEPLATE SCHEDULE

## BASEPLATE PLAN DETAILS



ICR	CRETE PIER SCHEDULE								
RK	SIZE	REINF'G							
	600X600	4-25M VERT + 1-10M TIE @ Y + 4-20M DWLS							

1. PROVIDE DWLS INTO FTG TO MATCH VERT. PIER REINF'G 2. PROVIDE 3 SETS OF TIES SPACED @ 75 o/c AT TOP OF PIERS. 3. HORIZ FND WALL REINF'G TO EXTEND THRU CONCRETE PIER. 4. TOP OF PIER TO BE 300 BELOW TOP OF SLAB TYP. U/N 5. SEE PLANS FOR CONCRETE COMPRESSIVE STRENGTHS.

BY GLULAM SUPPLIER.

- 13 THK PL MIN. - HSS 102 x 102 x 6.4

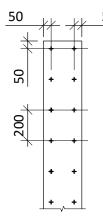
7 ISSUE FOR TENDER OCT 11, 2017 ISSUE FOR TENDER REVIEW OCT 06, 2017 AUG 24, 2017 AUG 18, 2017 ISSUE FOR TENDER 4 ISSUE FOR BUILDING PERMIT DATE REVISION . THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT 3. ADDITIONAL INFORMATION MAY BE ISSUED FOR CLARIFICATION TO ASSIST PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MEANING AND INTENT AS IF THEY WERE INCLUDED WITH THE DRAWINGS IN THE CONTRACT DOCUMENTS . DO NOT SCALE DRAWINGS PROJE 1632 McNAB / BRAESIDE TOWN HALL ARCHITECT +VG ARCHITECTS DRAWING SCHEDULES CUNEFFF CUNLIFFE & ASSOCIATES CONSULTING STRUCTURAL ENGINEERS 102-1737 WOODWARD DR. OTTAWA ON. K2C 0P9 TEL (613) 729-7242 FAX (613) 728-1461 Email <cunliffe@cunliffe.ca> ENGINEERS SEAL SCALE As indicated REVIEWED DRAWN PMD JC OCT 11, 2017 PROJECT No. SHEET No. 17-052 000 **REVISION No** 

### SCREWING OF PLYWOOD FLOOR

- 1. PLACE 19 THK PLYWOOD SHEATHING WITH LONG DIMENSION SIDE PARALLEL TO JOISTS.
- 2. SCREW ALL EDGES OF PLYWOOD PANELS w/ 75 Lg. #10 SCREWS @ 150 o/c MAX UNLESS CLOSER SPACING IS NOTED ON ELEVATION.
- 3. SCREW SHEATHING TO ALL INTERMEDIATE FRAMING MEMBERS w/ 75 Lg. #10 SCREWS @ 300 o/c. MAX.
- 4. DO NOT USE SMALL PORTIONS OF SHEATHING.
- 5. ANY DEVIATIONS FROM THE CONDITIONS NOTED ON THIS DRAWING ARE TO BE REPORTED TO THE ENGINEER.

### WOOD POSTS:

- 1. SPF # 2 GRADE OR BETTER
- 2. KING POSTS CONT. FROM BOT.
- PLATE TO TOP PLATE.
- 3. JACK POSTS STOP @ u/s LINTEL 4. FASTEN ALL POSTS TOGETHER W/ 2 ROWS OF NAILS @ 200 O/C VERTICALLY THRU ALL PLY'S **STARTING FROM TOP & BOTTOM**
- POST. 5. STUDS TO BE FASTENED W/ 1 ROW OF NAILS @ 200 STAGGERED W/ 30mm EDGE DISTANCE.
- 6. ALL NAILS TO EXTEND 3/4 INTO LAST PLY, ALT DRIVING SIDES.

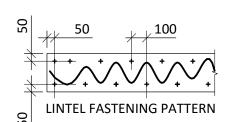


POST FASTENING PATTERN

## WOOD LINTEL:

### 1. SPF # 2 GRADE OR BETTER

- <sup>2.</sup> FASTEN ALL BUILT-UP LINTELS
- TOGETHER w/ PL PREMIUM & NAILS
- THRU ALL PLY'S @ 100 O/C. <sup>3.</sup> ALL NAILS TO EXTEND 3/4 INTO LAST PLY, ALT DRIVING SIDES.

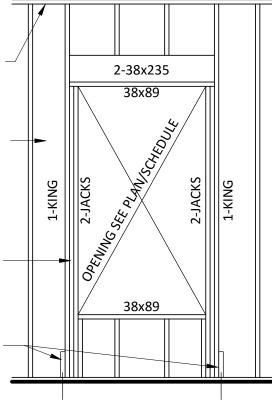


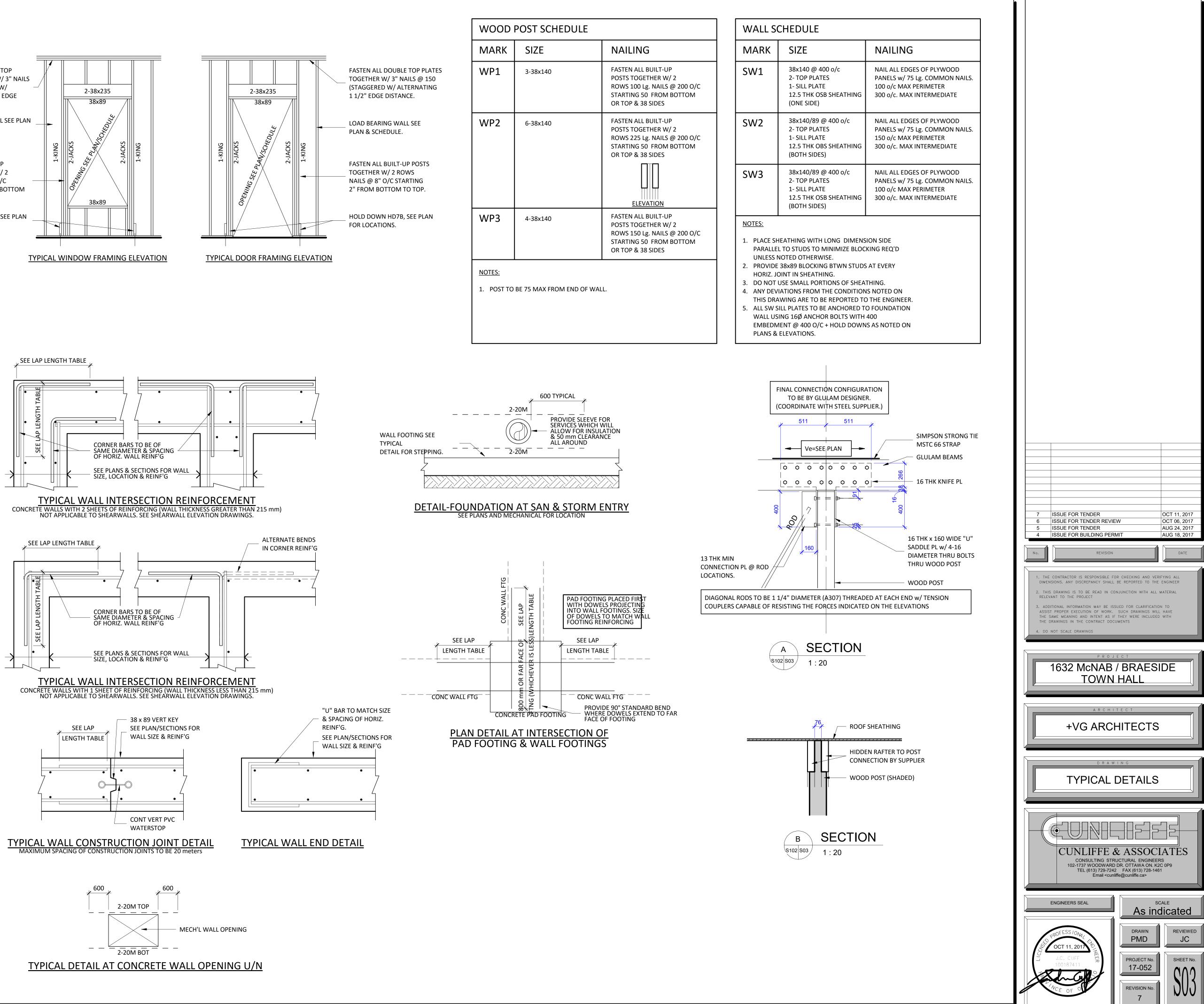
FASTEN ALL DOUBLE TOP PLATES TOGETHER W/ 3" NAILS @ 150 (STAGGERED W/ ALTERNATING 1 1/2" EDGE DISTANCE.

LOAD BEARING WALL SEE PLAN & SCHEDULE.

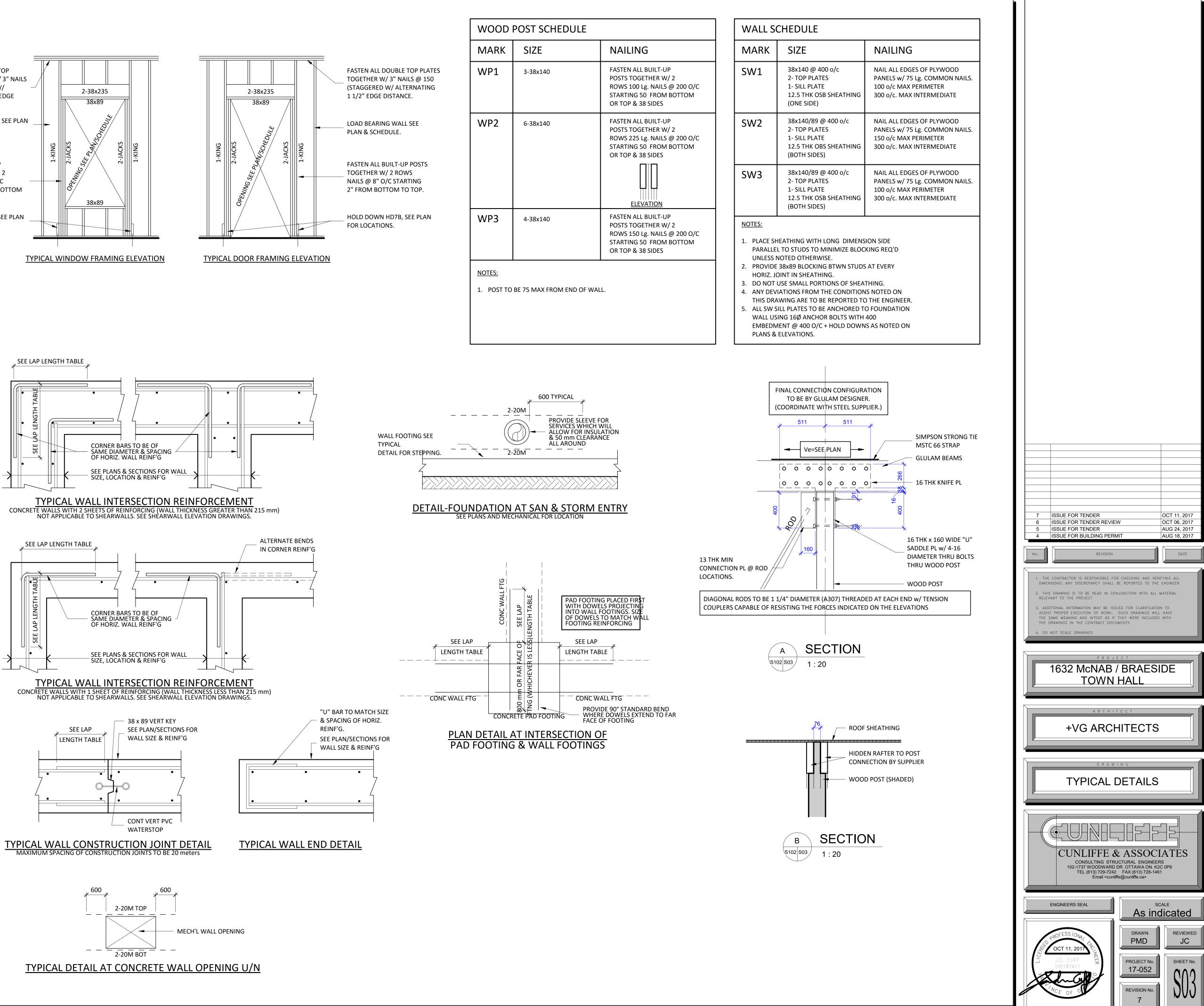
FASTEN ALL BUILT-UP POSTS TOGETHER W/ 2 ROWS NAILS @ 8" O/C STARTING 2" FROM BOTTOM TO TOP.

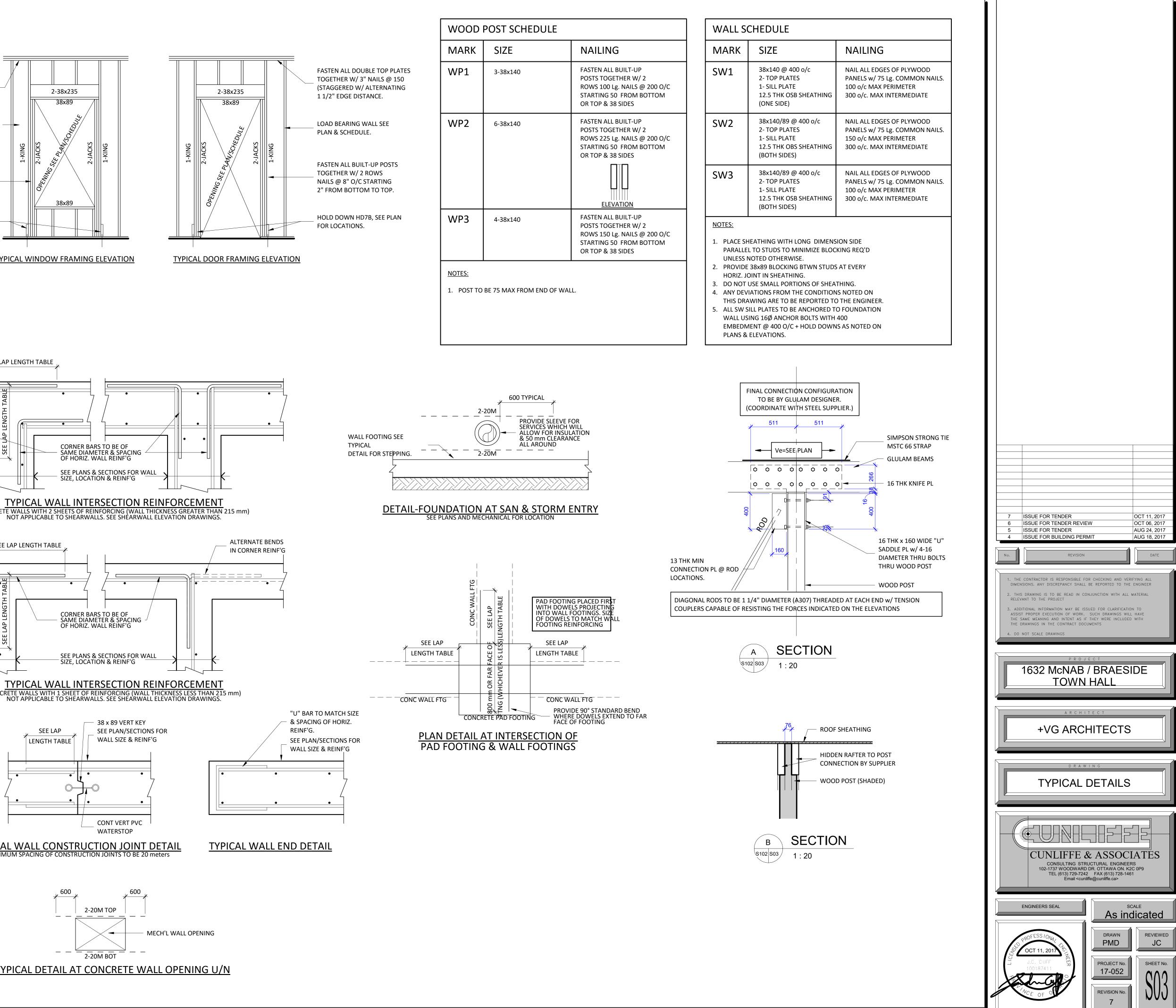
HOLD DOWN HD7B, SEE PLAN FOR LOCATIONS.

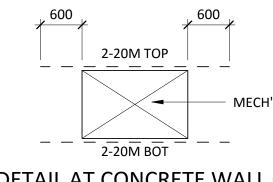


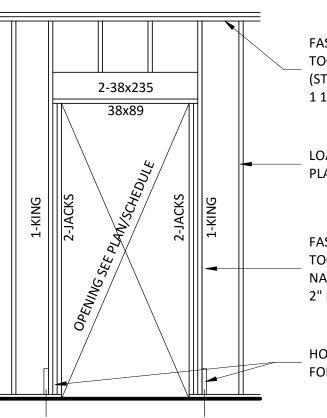




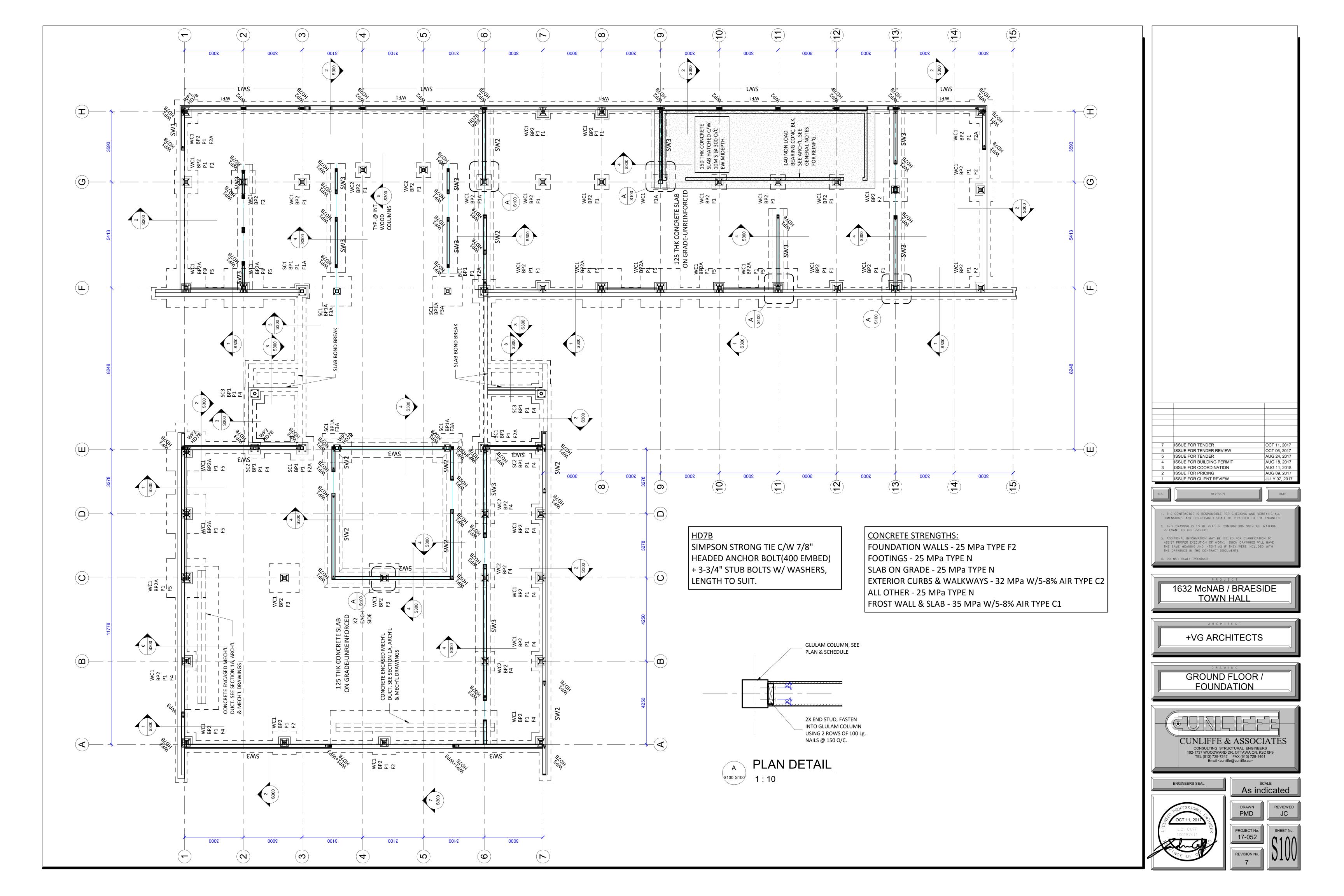


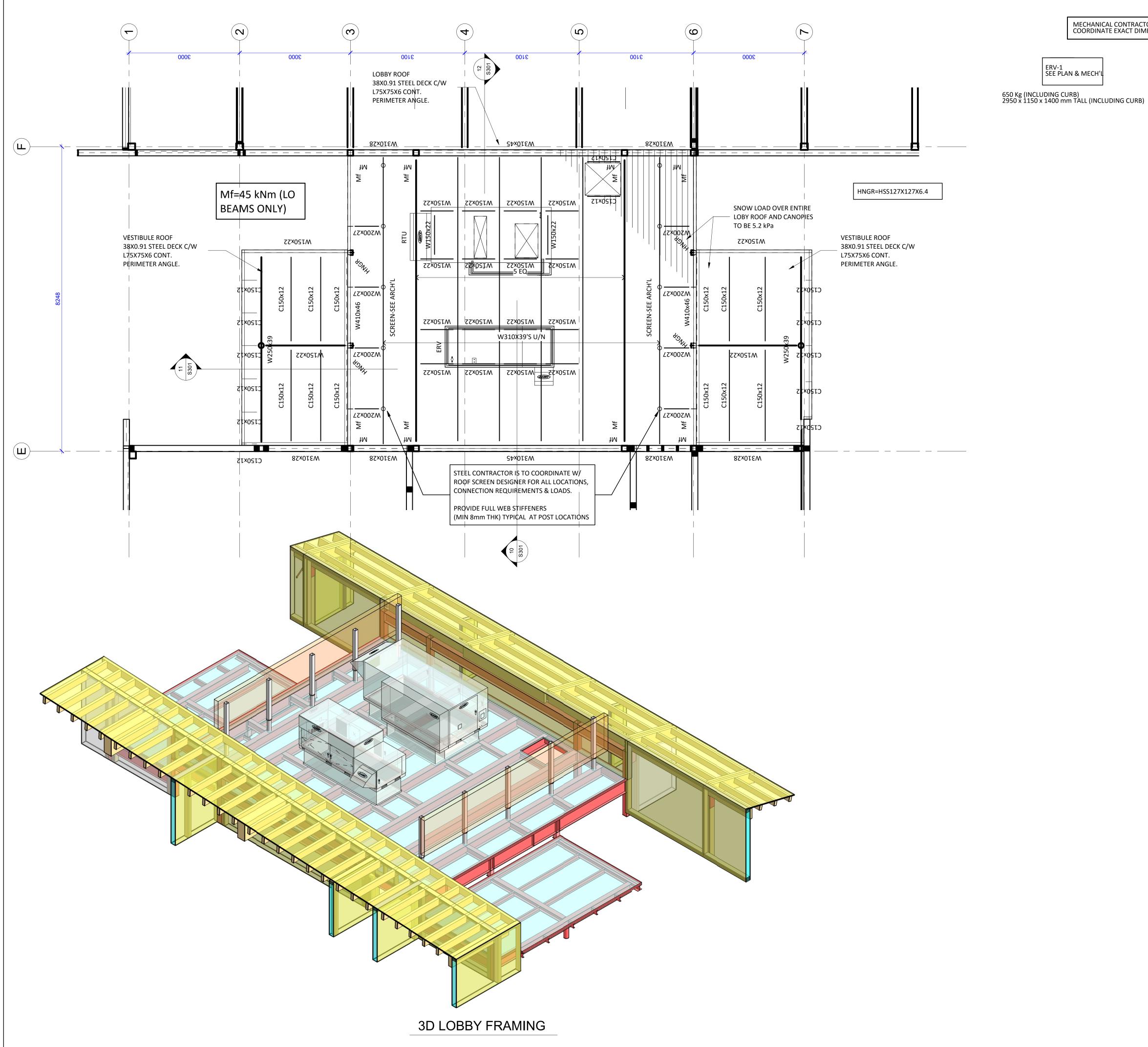






WOOD	POST SCHEDULE		WA
MARK	SIZE	NAILING	MA
WP1	3-38x140	FASTEN ALL BUILT-UP POSTS TOGETHER W/ 2 ROWS 100 Lg. NAILS @ 200 O/C STARTING 50 FROM BOTTOM OR TOP & 38 SIDES	SW
WP2	6-38x140	FASTEN ALL BUILT-UP POSTS TOGETHER W/ 2 ROWS 225 Lg. NAILS @ 200 O/C STARTING 50 FROM BOTTOM OR TOP & 38 SIDES	SW
			SW
WP3	4-38x140	FASTEN ALL BUILT-UP POSTS TOGETHER W/ 2 ROWS 150 Lg. NAILS @ 200 O/C STARTING 50 FROM BOTTOM OR TOP & 38 SIDES	<u>NOTE</u> 1. Pl P/ U
<u>NOTES:</u> 1. POST TO	BE 75 MAX FROM END OF W	/ALL.	2. Pf H 3. D 4. A T 5. A



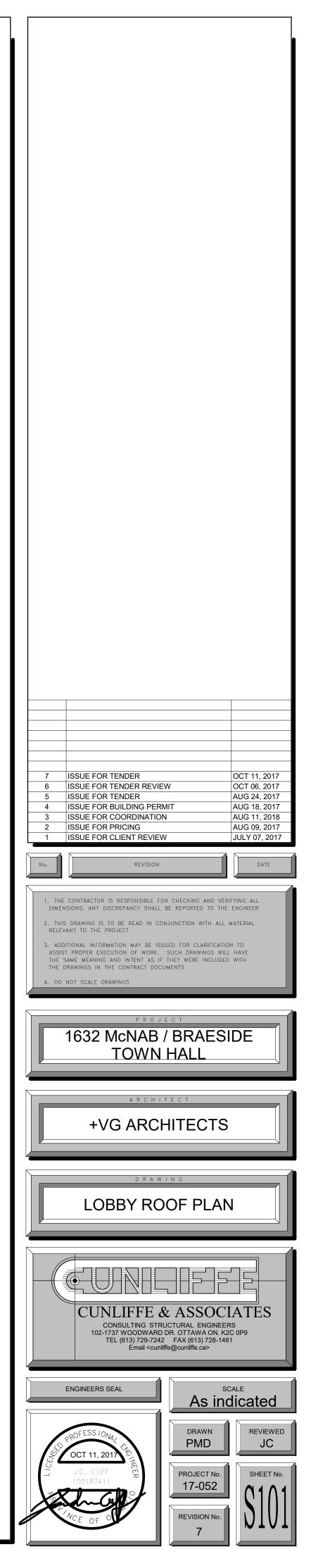


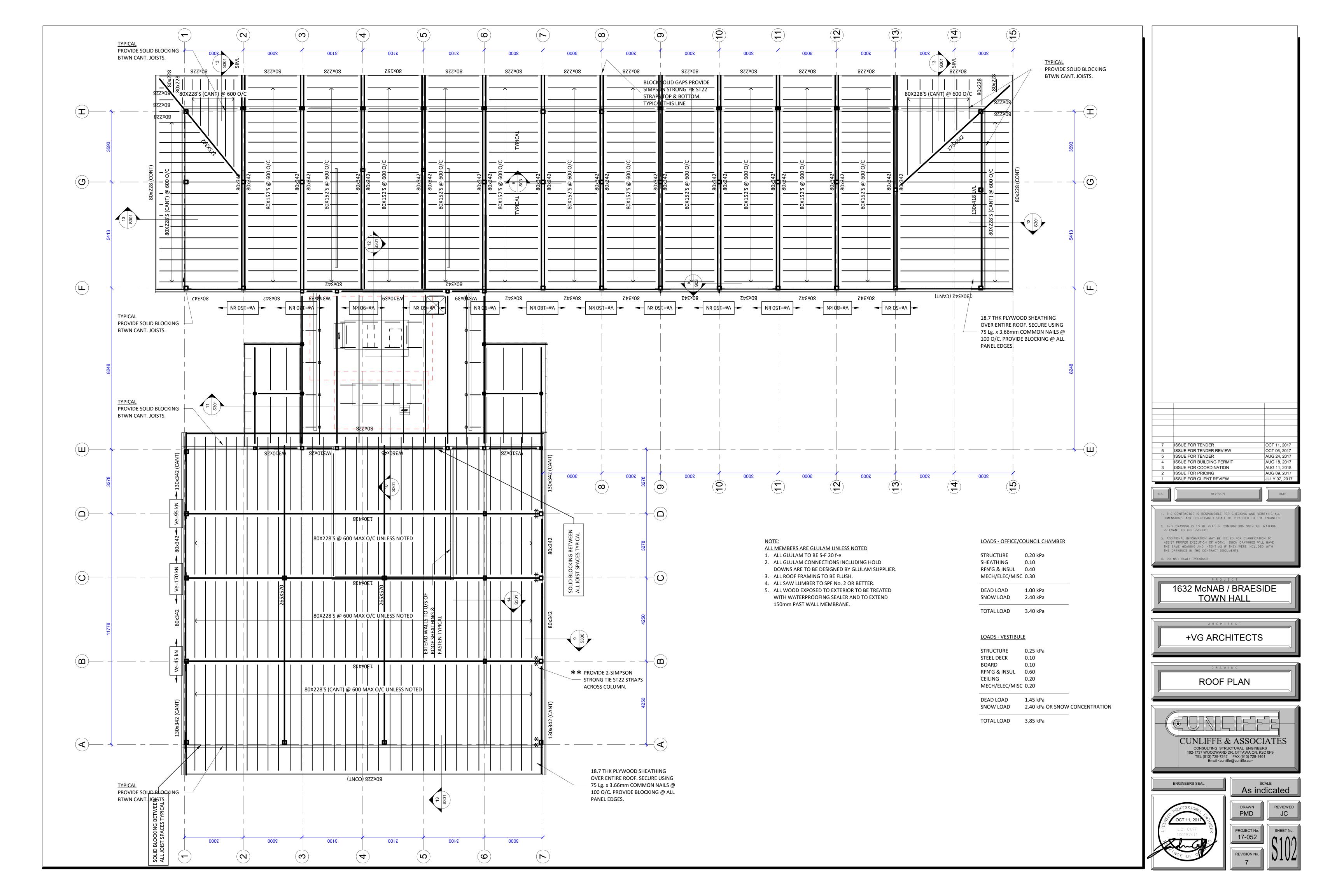
## RTU-1 SEE PLAN & MECH

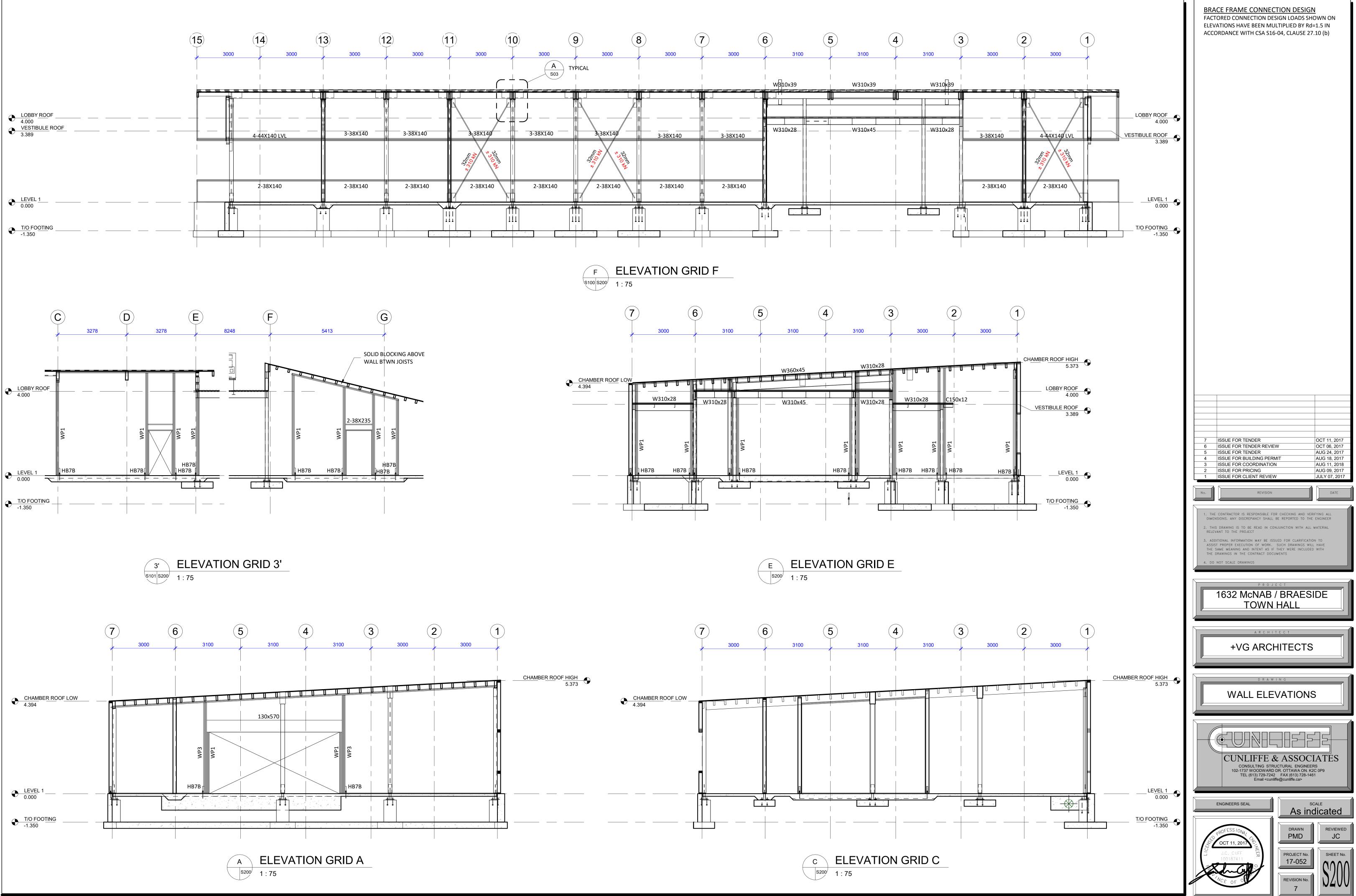
# 1200 kg (INCLUDING CURB) 3250 x 1850 x 1700 mm TALL (INCLUDING CURB)

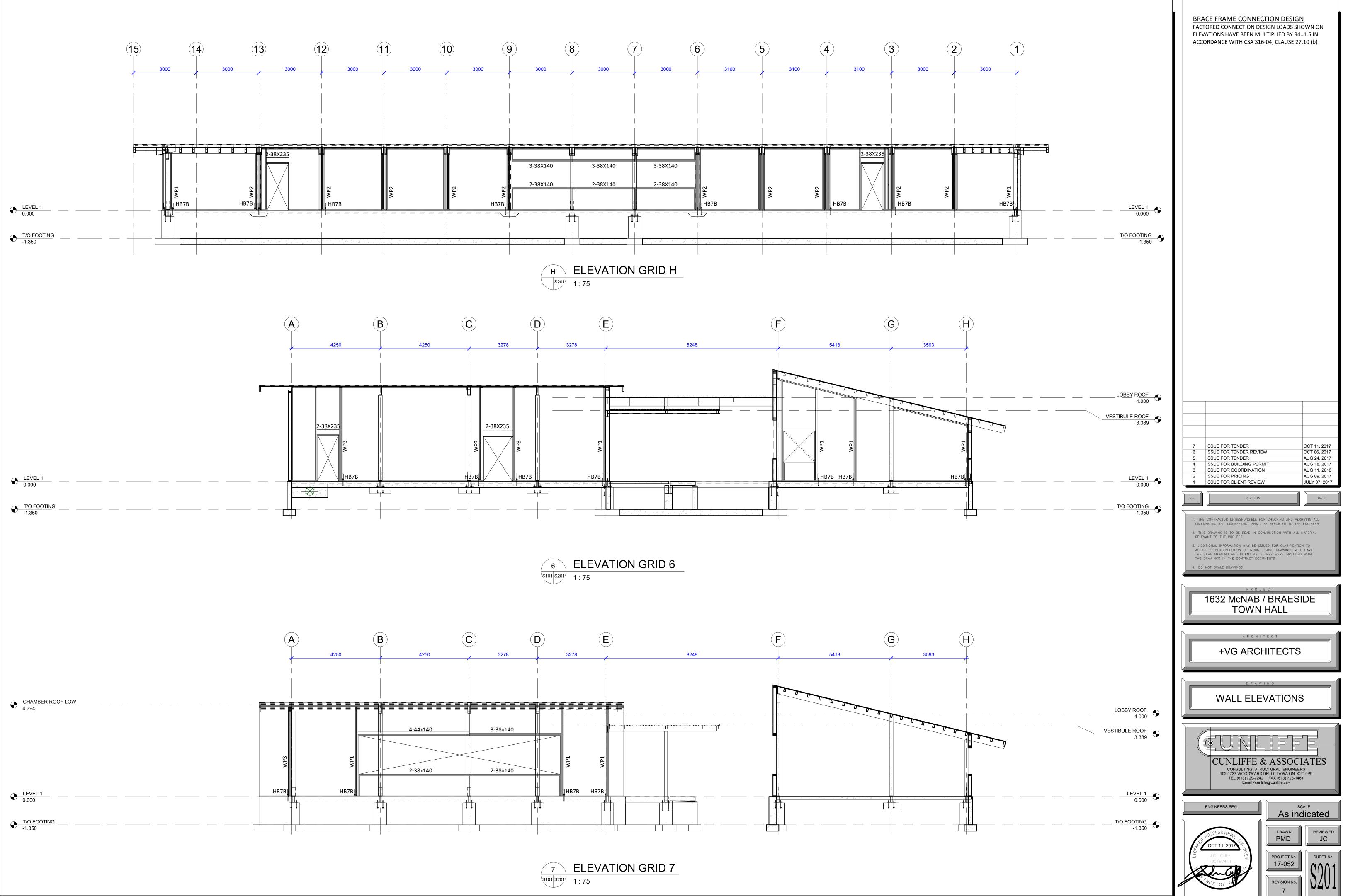
### LOADS - LOBBY ROOF

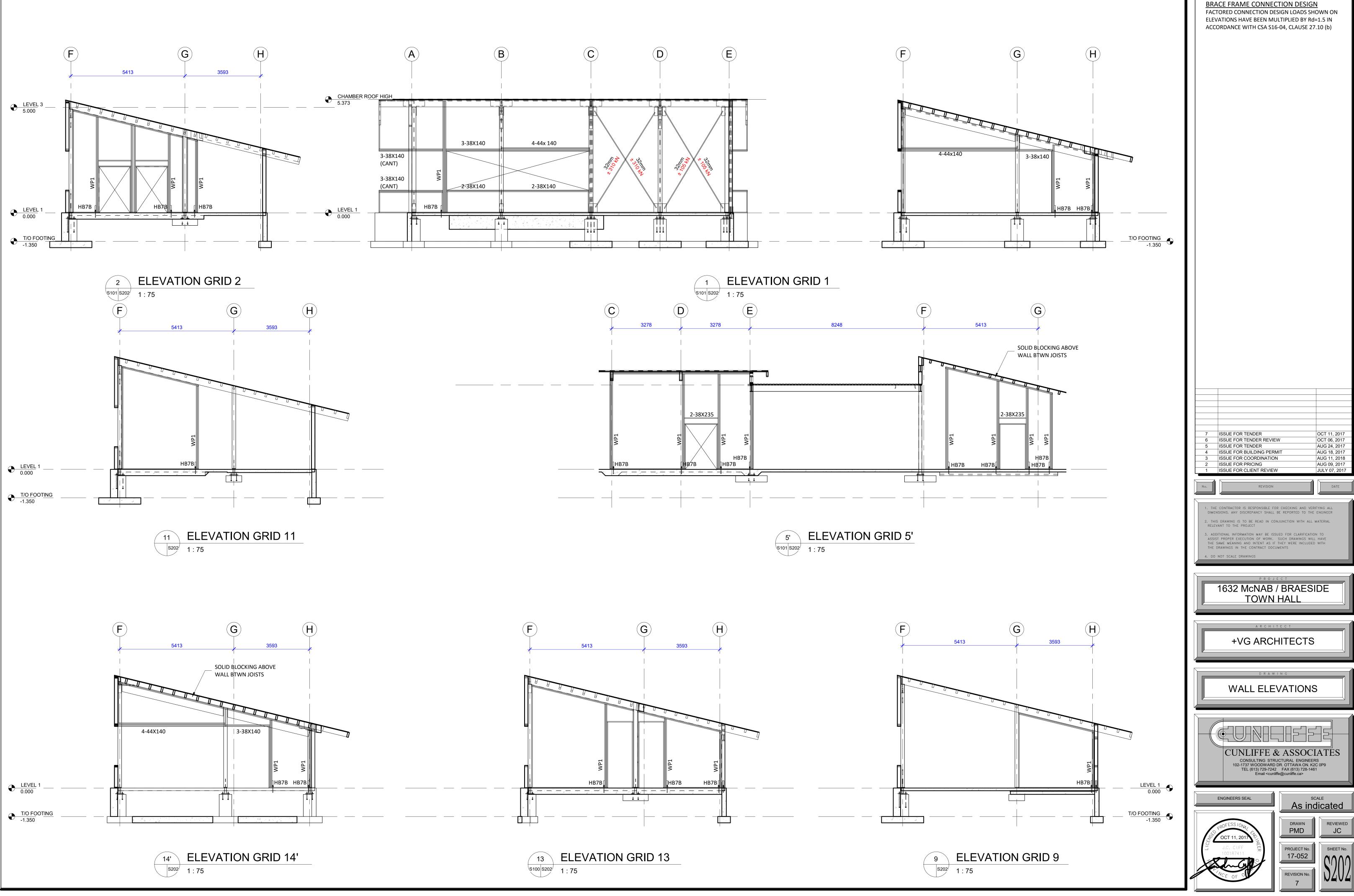
STRUCTURE	0.25 kPa
DECKING	0.10
RFN'G & INSUL	0.60
MECH/ELEC/MISC	3.00
DEAD LOAD	3.95kPa
SNOW LOAD	5.20 kPa
TOTAL LOAD	9.15 kPa

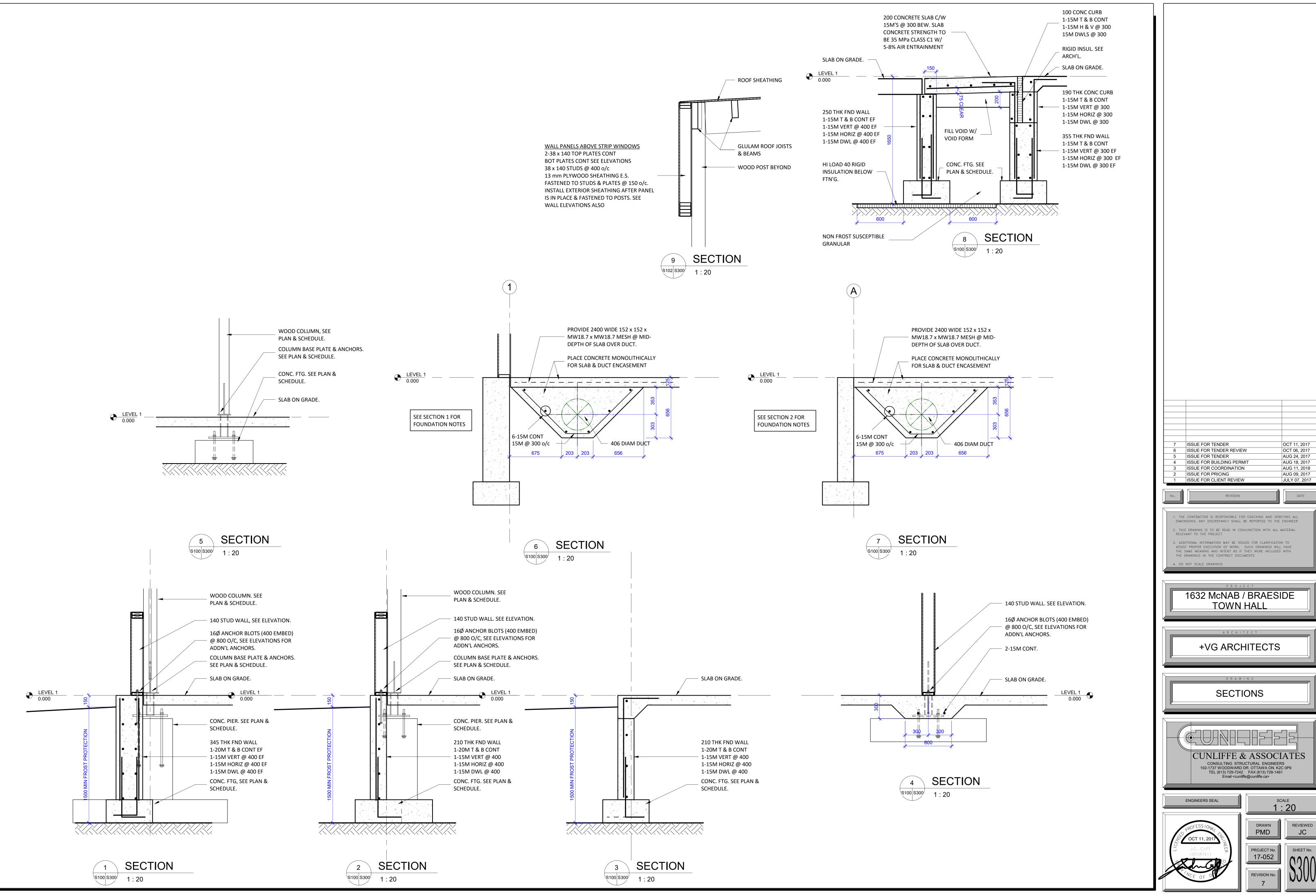


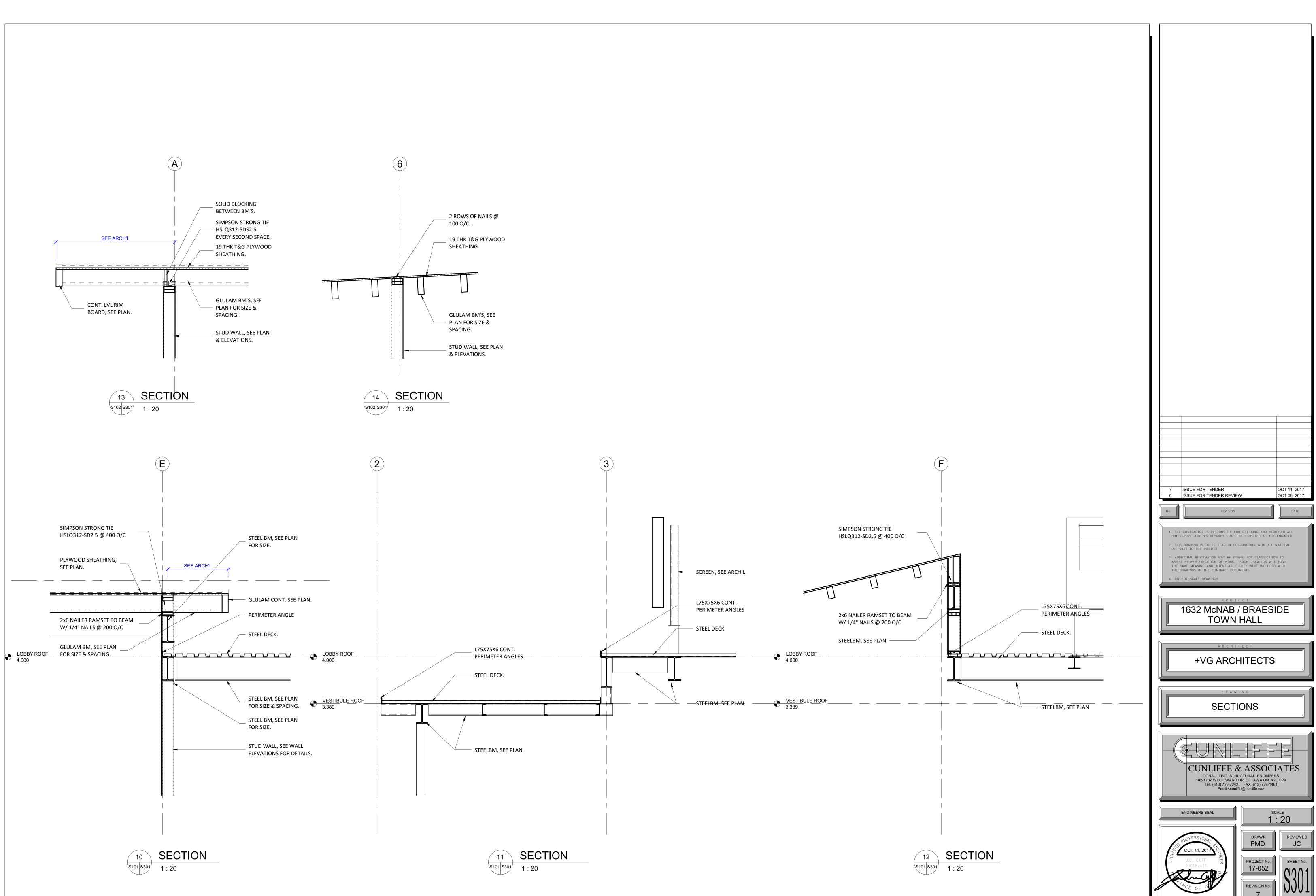












## MECHANICAL DRAWING LIST

M-000	MECHANICAL DRAWING LIST, LEGEND, NOTES AND KEY PLAN
M-001	SCHEDULES
M—100	TOWN HALL - NEW PLUMBING AND FIRE PROTECTION PLANS
M-200	TOWN HALL - NEW PIIPING PLAN
M-201	TOWN HALL - PIPING AND CONTROLS SCHEMATIC
м-300	TOWN HALL - NEW HVAC PLANS
M-400	TOWN HALL - MECHANICAL DETAILS
M-401	TOWN HALL - MECHANICAL DETAILS (CONT'D)

	DESCRIPTION NEGATIVE PRESSURE (RETURN) DUCT UP
	EXISTING DUCTWORK TO BE REMOVED
	EXISTING DUCTWORK TO REMAIN
	NEW DUCTWORK
	FULL RADIUS DUCT CONNECTION
	TAP-IN DUCT CONNECTION
	SUPPLY AIR DIFFUSER (SQUARE)
	RETURN/EXHAUST GRILLE
	SUPPLY AIR DIFFUSER (SIDEWALL)
0	SUPPLY AIR DIFFUSER (ROUND)
	SUPPLY AIR DIFFUSER (FLOOR)
Ū	THERMOSTAT
FD	FIRE DAMPER
BD	BALANCING DAMPER
CTE	CONNECT TO EXISTING
——нws ——	HOT WATER HEATING SUPPLY
	HOT WATER HEATING RETURN
	3-WAY CONTROL VALVE
	2-WAY CONTROL VALVE
	ISOLATING (SHUT-OFF) VALVE
	CIRCUIT BALANCING VALVE
₿ рс	DRAIN COCK
<u> <u>N     N</u> </u>	BACKFLOW PREVENTOR
— <del>—</del> ———	AIR SEPARATOR
Q	MANUAL AIR VENT
钟	AUTOMATIC AIR VENT
	COOLING COIL
<b>&gt;</b>	INLINE PUMP
C02	CO2 SENSOR
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	SANITARY PIPING BELOW GRADE OR FLOOR
	SANITARY PIPING ABOVE FLOOR
V	VENT PIPING
P	GAS PIPING (PROPANE)
Ø FD	FLOOR DRAIN
co	CLEANOUT IN FLOOR
	CLEANOUT IN LINE OR STACK
NFWH	NON-FREEZE WALL HYDRANT c/w VACUUM BREAKER FIRE EXTINGUISHER - SURFACE MOUNTED
<ul> <li>€ FEX</li> <li>→ М HB</li> </ul>	HOSE BIBB c/w VACUUM BREAKER
	ISOLATION VALVE
	THROTTLING VALVE
	CHECK VALVE
	PIPE DOWN
o	PIPE UP
	STRAINER
/ VTR	VENT THROUGH ROOF
	UNION NON-FREEZE HOSE BIBB c/w VACUUM BREAKER
	NOTE: ALL NEW DEVICES SHOWN IN BOLD

### GENERAL DEMOLITION NOTES

- 1. CONTRACTOR IS TO ENSURE THAT ALL EXISTING SERVICES (PIPING, DUCTWORK, ETC) SERVING EXISTING AREAS REMAIN IN SERVICE UNTIL THESE AREAS ARE RECONNECTED TO NEW SERVICES. ONLY THEN OBSOLETE PIPING IS TO BE REMOVED AS SHOWN.
- 2. ALL DISTURBED SURFACES AFTER SERVICE REMOVAL OR REROUTING TO BE FILLED-IN WITH APPROPRIATE MATERIAL TO MAINTAIN FIRE SEPARATION AND PATCHED TO MATCH EXISTING OR NEW.
- 3. CONTRACTOR IS TO ENSURE THAT ALL EXISTING ITEMS TO BE REMOVED REMAIN THE PROPERTY OF THE OWNER AND SHALL BE DELIVERED TO A LOCATION ON SITE DESIGNATED BY THE OWNER. IF THE OWNER DECLARES NO INTEREST IN THE REMOVED ITEMS, ASSUME OWNERSHIP AND REMOVE FROM SITE. ALL EFFORTS SHOULD BE MADE FOR REUSE IN THE TEMPORARY RELOCATION PROJECT AND ALL REMAINING SHOULD BE REMOVED FROM THE SITE.
- 4. SHOULD EXISTING SERVICES BE LOCATED IN WALL BEING DEMOLISHED, CONTRACTOR IS TO RELOCATE TO NEW SUITABLE LOCATION AND RECONNECT. CONFIRM PRIOR TO COMMENCEMENT OF ANY WORK.

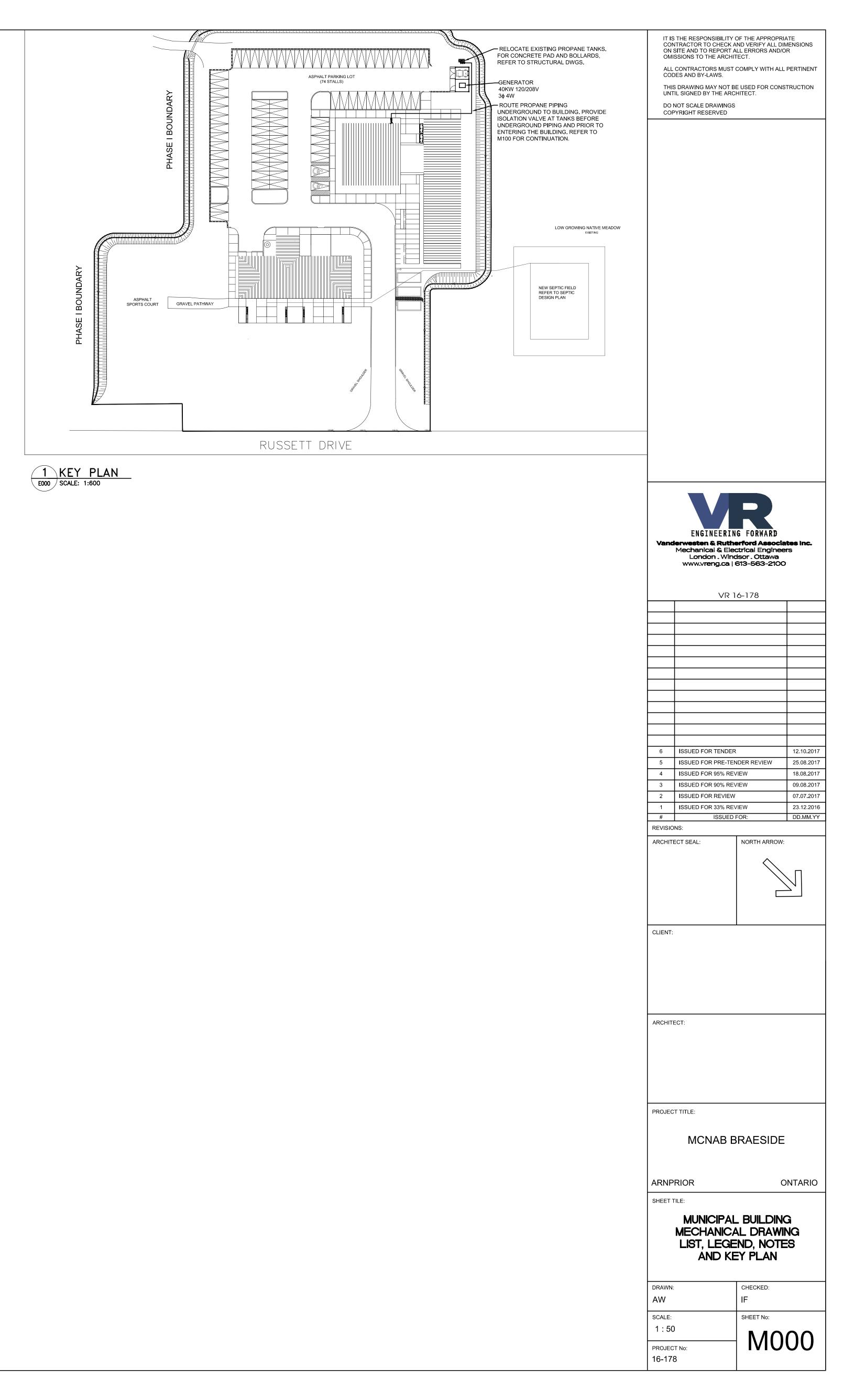
## GENERAL NOTES

- . CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS TO EXISTING MECHANICAL SERVICES ON SITE.
- 2. CONTRACTOR IS TO ENSURE THAT ALL EXISTING PIPING SERVING EXISTING AREAS REMAIN IN SERVICE UNTIL THESE AREAS ARE RECONNECTED TO NEW SERVICES. ONLY THEN OBSOLETE PIPING IS TO BE REMOVED AS SHOWN.
- 3. ALL DISTURBED SURFACES AFTER PIPE REMOVAL OR REROUTING TO BE FILLED-IN WITH APPROPRIATE MATERIAL TO MAINTAIN FIRE SEPARATION AND PATCHED TO MATCH EXISTING OR NEW.
- 4. CONTRACTOR IS TO ENSURE THAT ALL EXISTING REMOVED FIXTURES AND EQUIPMENT REMAIN THE PROPERTY OF THE OWNER.
- 5. ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH CODES, BULLETINS ETC. AND REQUIREMENTS OF ALL INSPECTION AUTHORITIES FOR THE CITY OF OTTAWA.
- 6. ALL DRAWINGS ARE INTEGRATED WITH THE SPECIFICATIONS WHICH ACCOMPANY THEM. NEITHER IS TO BE USED ALONE. ANY ITEM OR SUBJECT OMITTED FROM ONE BUT IMPLIED IN THE OTHER IS FULLY AND PROPERLY REQUIRED. WHEREVER DIFFERENCE OCCURS, THE MOST ONEROUS CONDITION GOVERNS.
- 7. PENETRATIONS OF EITHER FIRE OR SMOKE BARRIER RESISTANT WALLS SHALL BE SLEEVED & SEALED AGAINST THE PASSAGE OF FLAME OR SMOKE W/SUITABLE NON-COMBUSTIBLE MATERIALS EQUAL TO THE CONSTRUCTION TO BE PENETRATED.
- 8. DO NOT SCALE DRAWINGS FOR INSTALLATION PURPOSES. OBTAIN ALL DIMENSIONS FROM ARCHITECTURAL PLANS, MANUFACTURER'S SHOP DRAWINGS, AND ON SITE INSPECTIONS.
- 9. MECHANICAL, DIV. 2-14 AND ELECTRICAL TRADES SHALL WORK IN CONJUNCTION WITH ONE ANOTHER SO AS TO AVOID INTERFERENCE'S BETWEEN PIPING, DUCTWORK, CONDUIT, LIGHTING FIXTURES, ETC.
- 10. WORK SHALL BE CO-ORDINATED THROUGH THE GENERAL CONTRACTOR PRIOR TO INSTALLATION OF ANY EQUIPMENT, DUCTWORK AND CONTROLS. CO-ORDINATE WITH ARCHITECTURAL ELEVATIONS FOR ARCHITECTURAL, MECHANICAL, AND ELECTRICAL SPACE ALLOCATIONS.
- REFER TO ARCHITECTURAL FOR OWNER SUPPLIED EQUIPMENT. CONFIRM ALL MECHANICAL REQUIREMENTS AND PROVIDE TO SUIT.
   REVIEW ARCHITECTURAL AND ELECTRICAL DRAWINGS AND PROVIDE ON SITE
- INSPECTIONS TO DETERMINE FULL EXTENT OF PROJECT PRIOR TO SUBMITTING BID.
- 13. PENETRATIONS OF CONCRETE SHALL BE SAW-CUT OR CORE BORED -IMPACT HAMMERS ARE NOT ALLOWED, SEAL ALL DUCTWORK & SLEEVES TO PREVENT LEAKAGE THRU FLOOR.
- 14. PROPERLY SUPPORT CEILING MOUNTED EQUIPMENT AND ANY OTHER EQUIPMENT INDEPENDENT OF CEILING SUPPORT SYSTEM.
- AVOID ANY DIRECT CONTACT BETWEEN ANY PIPING, DUCTING AND ELECTRICAL CONDUIT SYSTEMS TO PREVENT SOUND TRANSMISSION.
   CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL MECHANICAL SERVICES TO THE OCCUPIED AREA THROUGHOUT CONSTRUCTION. PROVIDE CONSTRUCTION VALVES, TEMPORARY DUCTWORK AND PIPING AS REQUIRED
- TO LIMIT THE SHUT DOWN OF SERVICES. 17. IF ANY AREAS ARE AFFECTED BY THE NEW SCOPE OF WORK, CONTRACTOR TO CARRY COSTS FOR THE REMOVAL AND INSTALLATION OF THE EXISTING CEILING TILES. REFER TO ARCHITECTURAL NEW REFLECTED CEILING PLAN FOR SCOPE OF NEW CEILING.
- 18. INSTALLATION SHALL BE COMPLETE AND FULLY FUNCTIONAL. PROVIDE ALL LABOR, MATERIALS, TOOLS, SERVICES, EQUIPMENT, ETC. AS REQUIRED.
- 19. PROVIDE ACCESS FOR SERVICING EQUIPMENT AS INDICATED, AS REQUIRED BY CODE AND AS RECOMMENDED BY THE MANUFACTURER.
- 20. PROVIDE ACCESS DOORS AS NECESSARY FOR ACCESS TO VALVES, DAMPERS, AND OTHER COMPONENTS REQUIRING MONITORING, INSPECTION, AND MAINTENANCE.
- 21. INSTALL EQUIPMENT, DUCTS, AND PIPES PARALLEL TO OR PERPENDICULAR TO BUILDING LINES. PROVIDE SPACE, UNIONS AND FLANGES FOR DISASSEMBLY, SERVICING AND REMOVAL OF EQUIPMENT.
- 22. WHEN A CONFLICT OCCURS BETWEEN INSTALLATION DETAILS, DIAGRAMS, ETC. INDICATED IN THE CONTRACT DOCUMENTS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS, THE MANUFACTURER'S INSTRUCTIONS SHALL GOVERN AND SHALL BE FOLLOWED.

## PLUMBING NOTES

- 1. FOR MOUNTING HEIGHT OF ALL PLUMBING FIXTURES REFER TO ARCHITECTURAL ELEVATION DRAWINGS.
- 2. CONTRACTOR IS TO CO-ORDINATE LOCATION OF NEW PIPING WITH EXISTING OR NEW SERVICES (PIPING, DUCTWORK, ELECTRICAL CONDUITS, LIGHTS AND BUILDING STRUCTURE). IF REQUIRED REMOVE EXISTING SERVICES AND REINSTALL. TEST SERVICES AFTER WORK IS COMPLETED.
- CONTRACTOR IS TO CLEAR EXISTING DUCTWORK WHEN INSTALLING NEW PIPING. CLEARANCES TO BE VERIFIED ON SITE.
   ALL PLUMBING PIPING SYSTEMS AND FIXTURES SHALL BE INSTALLED AS
- PER ONTARIO BUILDING CODE (LATEST EDITION).
  5. PROVIDE A CLEANOUT FROM EACH PLUMBING FIXTURE WHERE REQUIRED BY ONTARIO BUILDING CODE, PART 7 PLUMBING.
- 6. ALL PLUMBING FIXTURES INCLUDING FLOOR DRAINS (HUB, FUNNEL FLOOR DRAINS) TO BE TRAPPED AND VENTED AS REQUIRED BY ONTARIO BUILDING CODE, PART 7 – PLUMBING.
- 7. ALL VENT PIPING ASSOCIATED WITH ACID WASTE IS TO BE INSTALLED AS PER O.B.C. PARAGRAPH 7.5.5.3.
- 8. CONTRACTOR IS TO REMOVE ALL OBSOLETE PIPING WHEREVER POSSIBLE.9. CONTRACTOR SHALL SCAN THE CONCRETE SLAB IN THE AREA OF ANY NEW FLOOR PENETRATIONS PRIOR TO CORING ANY HOLES THROUGH THE
- EXISTING SLAB. 10. ALL WATER, SANITARY, SEWER AND VENT COPPER PIPING WITH SOLDER JOINTS SHALL BE LEAD FREE.
- 11. INSTALL SHUT-OFF VALVES AT EACH PLUMBING FIXTURE.
- ALL EXISTING FLOOR DRAINS AND PIPING WHICH IS TO REMAIN, MUST BE CLEANED OUT AND FLUSHED BY THIS CONTRACT.
   WHERE PIPING IS INDICATED TO BE DEMOLISHED, REMOVE AND CAP BACK AT MAIN PIPE.

AIR DISTRIBUTION NOTES
1. CONTRACTOR TO TAKE ALL MEASUREMENTS NECESSARY TO DETERMINE CURRENT SYSTEMS PERFORMANCE IN AREAS THAT WILL CONTINUE TO BE SERVED BY EXISTING AIR HANDLING EQUIPMENT AND SHALL REPORT TO CONSULTANT ALL MEASUREMENTS MADE PRIOR TO START OF DEMOLITION.
<ol> <li>ON COMPLETION OF DUCT AND/OR HEAT PIPING ALTERATIONS, CONTRACTOR SHALL RE-BALANCE ALL EXISTING SYSTEMS TO DELIVER PRE-CONSTRUCTION FLOWS.</li> </ol>
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CO-ORDINATION OF GRILLES, DIFFUSERS AND OTHER ELEMENTS.
4. CONTRACTORS SHALL COORDINATE ALL CEILING FINISHES WITH OWNER AND MATCH EXISTING ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL REVIEW MECHANICAL DRAWINGS, ARCHITECTURAL REFLECTED CEILING PLANS AND ARCHITECTURAL ROOM FINISH SCHEDULES AS SOON AS CONTRACT DOCUMENTS ARE SIGNED. ADVISE CONSULTANT OF ANY CONFLICTS BETWEEN CEILING TYPE AND DIFFUSER/GRILLE TYPE.
5. CONTRACTOR AND DIFFUSER/GRILLE SUPPLIER ARE RESPONSIBLE TO PROVIDE ALL PLASTER AND FINISHING FRAMES, MOUNTING HARDWARE, AND ACCESSORIES TO SUIT ARCHITECTURAL CEILING TYPES. MECHANICAL CONTRACTOR SHALL CO-ORDINATE AND PROVIDE DETAILS OF MOUNTING REQUIREMENTS OF DIFFUSERS AND GRILLES IN DRYWALL CEILINGS TO DRYWALL TRADE AND ENSURE EDGES OF OPENINGS ARE FRAMED BY DRYWALL TRADE TO SUPPORT DIFFUSERS AND GRILLES PROPERLY. DIFFUSERS AND GRILLES MUST NOT BE SUPPORTED SOLELY BY HANGER WIRES.
6. PROPERLY SUPPORT CEILING MOUNTED EQUIPMENT AND ANY OTHER EQUIPMENT INDEPENDENT OF CEILING SUPPORT SYSTEM. REFER TO ARCHITECTURAL DETAILS AND CO-ORDINATE WITH STRUCTURAL TRADE.
7. ALL DUCTWORK FITTINGS SHALL BE RIGID GALVANIZED IRON AND AS PER VRM SPECIFICATIONS.
8. CONTRACTOR TO CARRY FOR ADDITIONAL DUCTS AND DUCT FITTING REQUIRED TO CLEAR THE INTERFERENCES IN THE CEILING SPACE.
9. CONTRACTOR IS TO RECONNECT ALL TAKE-OFFS / BRANCH LINES FROM MAINS BEING REMOVED TO NEW MAINS INSTALLED UNDER THIS CONTRACT. EXACT SIZE, LOCATION AND NUMBER OF TAKE-OFFS TO BE VERIFIED ON SITE.
10. WHERE EQUIPMENT IS SHOWN TO BE DEMOLISHED, ALL SERVICES TO EQUIPMENT SHALL CAPPED BACK AT MAIN DUCTS.
11. LOCATION OF THERMOSTATS TO BE COORDINATED WITH FINAL LOCATION OF FURNITURE AND EQUIPMENT. TYPICAL FOR ALL INDICATED.
S-# L/S INDICATES SUPPLY AIR OUTLET
R-# L/S INDICATES RETURN AIR INLET



PF	PROPANE HOT WATER BOILER SCHEDULE									
	CAPACITY KW (MBH)		WATER TEMP. °F							
No.	INPUT	OUTPUT	ENT.	LVG.	USGPM	REMARKS				
B-2	17.5–47 (0.059– 0.16)	16–43 (0.055– 0.14)	160.0	180.0	15.4	ACCEPTABLE MANUFACTURER: VITODENS 200-W B2HB45, COMPLETE WITH CONDENSATE NEUTRALIZATION UNIT.				

	050405	LOCATION	FLOW RATE	PRESSURE	FLUID TYPE	MC	DTOR	
SYMBOL	SERVICE		GPM	DROP FT.HD.		HP	VOLTAGE	REMARKS
P-1/1A	RTU HYDRONIC LOOP	TOWN HALL MECH RM A107	42	43	25% GLYCOL	1	575/3/60	ARMSTRONG 4380 SERIES 1508-001.5
P-2/2A	AHU HYDRONIC LOOP	PERNEEL MECH RM	19	33	25% GLYCOL	1	575/3/60	ARMSTRONG E22.2 c 120V SERIES
P-3	DOMESTIC HOT WATER RECIRC PUMP	PERNEEL MECH RM	.5	20	DOMESTIC HOT WATER	-	-	ARMSTRONG ASTRO 250SS
P-4	PERIMETER HEATING CIRCULATING PUMP	TOWN HALL MECH RM A107	12	20	WATER	-	-	ARMSTRONG E10.2 c 120V SERIES
P-5	IN FLOOR HEATING CIRCULATING PUMP	TOWN HALL MECH RM A107	2	7	WATER	_	-	WILO STAR S 21 FX TO BE PROVIDED WIT IN FLOOR RADIANT SYSTEM
P-6/6A	GEOTHERMAL LOOP	TOWN HALL MECH RM A107	35	40	25% GLYCOL	1	575/3/60	ARMSTRONG 4380 SERIES 1508-001.0
P-7/7A	GEOTHERMAL LOOP	PERNEEL MECH RM	35	40	25% GLYCOL	1	575/3/60	ARMSTRONG 4380 SERIES 1508-001.0

RAD	RADIATION SCHEDULE									
SYMBOL	MODEL	LENGTH MM (INCHES)	HEIGHT MM (INCHES)	CAPACITY KW/M (BTU/FT)	EWT ℉	LWT °F	REMARKS			
RAD1 KW	STERLING PR2F-03	FIELD MEASURE	219 (8–5/8)	0.25 (872)	170	150	FREE STANDING PEDESTAL MOUNT. REFER TO DRAWINGS FOR PIPING CONNECTION LOCATIONS. COLOUR: WHITE.			
RAD2 KW	PRICE RPLA	FIELD MEASURE	610 (24)	0.12 (399)	170	150	24" WALL MOUNT PANEL, 6 TUBES, CASTELLATED FINISH, 2" BULLNOSE ENDS. COLOUR: WHITE			

PLU	MBING FIXTURE SCHE		1
REFER	DESCRIPTION	MANUFACTURER	ACCESSORIES AND TRIM
(L1)	BARRIER-FREE WALL HUNG VITREOUS CHINA LAVATORY	AMERICAN STANDARD DECORUM [MODEL 9024.01EC]	FAUCET:AMERICAN STANDARD SERIN SENSOR OPERATED 0.35 GPM MODEL C/W TRANSFORMERWASTE FITTING:MCGUIRE 155A SUPPLIES:SUPPLIES:MCGUIRE LFH170BV TRAP:TRAP:MCGUIRE 8872C 605XTMV1070 CARRIER:
(L2)	BASIN DROP IN COUNTER MOUNT VITROUS CHINA	AMERICAN STANDARD RONDALYN DESIGN, MODEL 0491.19.020 15" X 12-1/8", COLOUR WHITE, 4" CENTERS	FAUCET:AMERICAN STANDARD SERIN SINGLE LEVER CERAMIC CARTRIDGE, BRASS SPOUT 0.5 GPM MODEL 2064LDHV05.002/2064.101.101PWASTE FITTING:MCGUIRE 155A SUPPLIES:SUPPLIES:MCGUIRE LFH170BV MCGUIRE 8872C MIXING VALVE:LAWLER 570-86820
(L3)	BARRIER FREE WALL HUNG VITROUS CHINA LAVATORY	AMERICAN STANDARD DECORUM [MODEL 9024.01EC]	FAUCET: AMERICAN STANDARD SERIN SINGLE LEVER CERAMIC CARTRIDGE, BRASS SPOUT, 0.5 GPM MODEL 2064LDHV05.002/2064.101.101P WASTE FITTING: MCGUIRE 155A SUPPLIES: MCGUIRE LFH170BV TRAP: MCGUIRE 8872C MIXING VALVE: LAWLER 570-86820 CARRIER: WATTS CA-411
(L4)	BASIN DROP IN COUNTER MOUNT VITROUS CHINA	AMERICAN STANDARD RONDALYN DESIGN, MODEL 0491.19.020 15" X 12-1/8", COLOUR WHITE, 4" CENTERS	FAUCET:AMERICAN STANDARD SERIN SENSOR OPERATED 0.35 GPM MODEL C/W TRANSFORMERWASTE FITTING:MCGUIRE 155A SUPPLIES:SUPPLIES:MCGUIRE LFH170BV MCGUIRE 8872C MIXING VALVE:GOSXTMV1070
WC1)	WALL MOUNTED FLUSH VALVE WATER CLOSET	AMERICAN STANDARD [MODEL 3351.001]	VALVE: SLOAN ROYAL OPTIMA 153–1.28 ACCESSORIES: WATTS ISCA–101 CARRIER SINGLE/DOUBLE SEAT: CENTOCO 820 SERIES
WC2	WATER CLOSET FLOOR MOUNT VITROUS CHINA - TANK TYPE	AMERICAN STANDARD [MODEL 215AA.165.020] 4.8L FLUSH, TANK SET, INSULATED TANK, COLOUR WHITE, BOLTED TANK COVER. –ORDER WITH TRIP LEVER ON TRANSFER SIDE	SEAT: CENTECCO MODEL 820STS.001 COMMERCIAL TOILET. SEAT, OPEN FRONT WITH COVER, WHITE. VALVE: INCLUDED WITH WC SUPPLY: MCGUIRE LFH172BV
U	URINAL	AMERICAN STANDARD [MODEL 6042.001EC.020]	FLUSH VALVE: SLOAN ROYAL OPTIMA SMOOTH 186-0.125 TOP SPUD WITH EL-451 BOX MOUNT HARD WIRED TRANSFORMER ACCESSORIES: CARRIER CA-321 & WUCO URINAL CLEAN OUT
(S1)	SINGLE COMPARTMENT STAINLESS STEEL SINK	FRANKE [MODEL PSX110-2312]	FAUCET: AMERICAN STANDARD MODEL 471730024T2653-R4 WASTE FITTING: 112.0185.195 CRUMB CUP MIXING VALVE: LAWLER 570
S2	TRIPLE COMPARTMENT SKULLERY SINK	FRANKE [MODEL STL2454-1/2] FLOOR MOUNTED, GRADE 18-10 14 GA 302 STAINLESS STEEL WITH SQUARE CORNER CONSTRUCTION & ROLLED RIM. ADJUSTABLE LEGS.	FAUCET: TWO CHICAGO FAUCETS MODEL 510-GC613AL12ABCP WALL MOUNTED WITH SPOUT ONE C/W PRE-RINSE SPRAY WASTE FITTING: INCLUDED 3-1/2" CRUMB CUP MIXING VALVE: LAWLER 570
<b>S</b> 3	SINGLE COMPARTMENT STAINLESS STEEL SINK	FRANKE [MODEL LBS9106-1/3]	FAUCET: DELTA MODEL 27C4875 WASTE FITTING: 3-1/2" CRUMB CUP WITH 1-1/2" TAILPIECE MIXING VALVE: LAWLER 570
MS	MOP SINK	STERN-WILLIAMS [MODEL MTB-2424] 24"X24"X10" FLOOR MOUNTED TERRAZZO C/W DRAIN	FAUCET: AMERICAN STANDARD MODEL 8355.115.002 ACCESSORIES: V-70 BUMPER GUARD, BP BACK SPLASH PANEL, T-3 36" HOSE & WALL HOOK, & T-40 MOP HANGER
SH	TILED SHOWER ACCESSORIES	FLOOR AND WALLS BY GENERAL	SHOWER VALVE: AMERICAN STANDARD COMMERCIAL GRADE PRESSURE BALANCING VALVE MODEL R115SS VALVE TRIM: AMERICAN STANDARD SINGLE HANDLE HANDHELD SHOWER SYSTEM MODEL T431WD.500.295 HAND SHOWER: AMERICAN STANDARD HYDROFOCUS 2GPM MAX WITH CHECK VALVE MODEL 1660.207.295 ACCESSORIES: SLIDE BAR MODEL 1660.225.295 METAL HOSE MODEL 8888.053.002 VACUUM BREAKER 1660.400.295 FLOOR DRAIN: SCHLUTER FLOOR DRAIN SYSTEM REFER TO ARCHITECTURAL SPECIFICATIONS FOR MEMBRANE
DF	BARRIER FREE DRINKING FOUNTAIN WITH BOTTLE FILLER	ELKAY [MODEL LZ8WS(VR)SP]	ACCESSORIES: -
			RANE, KOHLER, STERLING, BEMIS, BENEKE, DELTA, MOEN ENCON, POWEFL AND ADJUST MIXING VALVES TO MAXIMUM OF 49 DEGREE C.

SUPPLY AIR OUTLET	SCHEDULE				_		
DESIGNATION	S-1	S-2	S-3	S-4	S-5	S-6	S-7
MOUNTING	FLOOR MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED
OUTLET TYPE	LINEAR FLOOR GRILLE	ROUND CONE DIFFUSER	SQUARE CONE DIFFUSER	SQUARE CONE DIFFUSER	SIDEWALL LOUVERED FACE DIFFUSER	SIDEWALL LOUVERED FACE DIFFUSER	SIDEWALL LOUVERED FACE DIFFUSER
NOMINAL SIZE: MM (IN)	600X150 (24X6)	572ø (22–1/2ø)	300X300 (12X12)	600X600 (24X24)	200X150 (8X6)	250X150 (10X6)	300X200 (12X8)
CONNECTION SIZE: MM (IN)	445X130 (17.5X5)	250ø (10ø)	100ø (4ø)	200ø (8ø)	-	-	-
AIRFLOW RANGE: L/S (CFM)	47–110 (100–230)	105–175 (220–370)	15–45 (35–90)	65–128 (140–270)	40–95 (80–200)	55–135 (100–250)	85–205 (180–430)
MAXIMUM NOISE CRITERIA	NC 20	NC 20	NC 20	NC 20	NC 20	NC 20	NC 20
MODEL REFERENCE	PRICE LFG	PRICE RCDE	PRICE SCD	PRICE SCD	PRICE 510D-L	PRICE 510D-L	PRICE 510D-L

RETURN AIR GRILLE SCHEDULE									
DESIGNATION	R-1	R-2	R-3	R-4	R-5	R-6	R-7	R-8	R-9
MOUNTING	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	CEILING SURFACE MOUNTED	CEILING SURFACE MOUNTED	CEILING SURFACE MOUNTED
OUTLET TYPE	LOUVERED FACE RETURN	LOUVERED FACE RETURN WITH DISSIPATER	LOUVERED FACE RETURN	LOUVERED FACE RETURN WITH DISSIPATER	LOUVERED FACE RETURN WITH DISSIPATER	LOUVERED FACE RETURN WITH DISSIPATER	EGGCRATE GRILLE	EGGCRATE GRILLE	EGGCRATE GRILLE
NOMINAL FACE SIZE: MM (IN)	200x125 (8x5)	200x125 (8x5)	300x150 (12x6)	300x150 (12x6)	300x200 (12x8)	450x200 (18x8)	200x125 (8x5)	250x200 (10x8)	600×600 (24×24)
AIRFLOW RANGE: L/S (CFM)	20–50 (45–110)	20–50 (45–110)	35–95 (80–195)	35–95 (80–195)	60–130 (120–275)	85–190 (180–400)	30–95 (60–200)	65–190 (140–400)	510–1185 (1080–2500)
MAXIMUM NOISE CRITERIA	NC 20	NC 20	NC 20	NC 20	NC 20	NC 20	NC 25	NC 25	NC 25
MODEL REFERENCE	PRICE 530	PRICE TLRD & 530	PRICE 530	PRICE TLRD & 530	PRICE TLRD & 530	PRICE TLRD & 530	PRICE 80 D	PRICE 80 D	PRICE 80 D

ELE	ELECTRIC DOMESTIC HOT WATER SCHEDULE								
No.	INPUT KW	STORAGE CAPACITY (USGAL)	MINIMIUM TEMP. (°F) INCREASE	RECOVERY (GPH) • 100°F RISE	REMARKS				
HW–1	12	50	100.0	124	ACCEPTABLE MANUFACTURER: BRADFORD WHITE ELECTRIFLEX MD COMMERCIAL GRADE E32-50S-3, 1-1/4" CONNECTION				
HW-2	17.5		60.0 @ 2 GPM		ACCEPTABLE MANUFACTURER: EEMAX HOME ADVANTAGE II HA024240 3 MODULE 208V, 34" CONNECTION				
HW-3	5.8		27.0 @ 1.5 GPM		ACCEPTABLE MANUFACTURER: EEMAX HOME ADVANTAGE II HA008240 1 MODULE 208V, 发" CONNECTION				
HW-4	17.5		60.0 @ 2 GPM		ACCEPTABLE MANUFACTURER: EEMAX HOME ADVANTAGE II HA024240 3 MODULE 208V, 34" CONNECTION				

EXPA	ANSION TANK	SCHEDULE							
SYMBOL	LOCATION	SERVICE	PUMP	MINIMUM TOTAL VOLUME L (GAL)	MINIMUM SUPPLY TEMP	Maximum Supply Temp	MINIMUM PRESSURE	MAXIMUM PRESSURE	MODEL
No.1	TOWNHALL MUNICIPAL MECH STORAGE ROOM	HOT WATER PERIMETER HEATING	P-4	2.5	40 <b>°</b> F	170 <b>°</b> F	10	27	AMTROL MODEL 30

DU	DUCTLESS SPLIT SYSTEM SCHEDULE (INDOOR UNIT / OUTDOOR UNIT)									
	AREA	AIR FLOW	COOLING		ELEC		OPERATING	MANUFACTURER AND MODEL		
No.	SERVED	RANGE L/S (CFM)	CAPACITY BTUH	MCA	MOCP	VOLTAGE	WEIGHT LBS.	(BASIS OF DESIGN: MITSUBISHI ELECTRIC)		
<u>AC-1</u>	TOWNHALL STORAGE ROOM	150–200 (320–425)	12000	1A	_	208V/1ø/60Hz		MITSUBISHI ELECTRIC PKA-A12HA7 C/W IO INTERFACE MODULE		
<u>CU-1</u>	ROOF	750 (1590)	12000	11A	28A	208V/1ø/60Hz	92	MITSUBISHI ELECTRIC PUY-A12NKA7-BS C/W WIND SCREENS, ULTRA-LOW AMBIENT OPTION, AND MOUNTING STAND. REFER TO DRAWINGS FOR LOCATION.		

PLUM	PLUMBING FIXTURE CONNECTION SCHEDULE									
REFER	DESCRIPTION	SANITARY	SANITARY VENT	DHWS	DCWS					
LI	BARRIER-FREE WALL HUNG LAVATORY	32 Ø	32 Ø	13 Ø	13 Ø					
(12)	DROP IN COUNTER MOUNT BASIN	32 Ø	32 Ø	13 Ø	13 Ø					
(L3)	BARRIER-FREE WALL HUNG LAVATORY	32 Ø	32 Ø	13 Ø	13 Ø					
L4	DROP IN COUNTER MOUNT BASIN	32 Ø	32 Ø	13 Ø	13 Ø					
(WC1)	WALL MOUNTED FLUSH VALVE WATER CLOSET	80 Ø	40 Ø	-	25 Ø					
wc2	FLOOR MOUNTED TANK TYPE WATER CLOSET	80 Ø	40 Ø	-	13 Ø					
U	WALL MOUNTED URINAL	50 Ø	32 Ø	_	20 Ø					
SI	SINGLE COMPARTMENT STAINLESS STEEL SINK	40 Ø	32 Ø	13 Ø	13 Ø					
<u>S2</u>	TRIPLE COMPARTMENT SKULLERY SINK	40 Ø	32 Ø	13 Ø	13 Ø					
(53)	SINGLE COMPARTMENT STAINLESS STEEL SINK	40 Ø	32 Ø	13 Ø	13 Ø					
MS	MOP SINK	80 Ø	40 Ø	13 Ø	13 Ø					
SH	TILED SHOWER ACCESSORIES	80 Ø	40 Ø	13 Ø	13 Ø					
OF	DRINKING FOUNTAIN C/W BOTTLE FILLER	32 Ø	32 Ø	-	10 Ø					

KITCHEN EXHAUST HOOD SCHEDULE								
No.	MANUFACTURER AND MODEL	EXHAUST VOLUME L/S (CFM)	EXHAUST SP (IN.WG.)	SUPPLY VOLUME L/S (CFM)	DIMENSIONS L X W X H MM (IN)			
EH1	GREENHECK GHEV	614 (1300)	0.312	566 (1200)	2286 X 1219 X 610 (90 X 48 X 24)			

EXHA	EXHAUST FAN SCHEDULE								
	AREA	MODEL	AIRFLOW	EXTERNAL STATIC		ELECTRICAL		4005000000	
	SERVED	MODEL	L/S (CFM)	(IN. WG.)	POWER	VOLTAGE	RPM	ACCESSORIES	
<u>EF-1</u>	PERNEEL KITCHEN	GREENHECK TCB-1-13-3	614 (1300)	0.562	1/3 HP	575/3/60	1725	0235	
<u>EF-2</u>	PERNEEL MECH RM	GREENHECK SQ-120-VG	255 (540)	0.1	1/4 HP	115/1/60	750	12350	
<u>EF-3</u>	PERNEEL STORAGE RM.	GREENHECK SQ-120-VG	255 (540)	0.1	1/4 HP	115/1/60	750	02350	
Ŭ	① MOTOR COVER / BELT GUARD       ③ SPRING HANGING ISOLATORS       ⑤ BACK DRAFT DAMPER       ⑦ PREFAB. ROOF CURB       ⑨ 2 SPEED MOTOR       ① MOTOR SIDE GUARD         ② INSULATED HOUSING       ④ HERESITE COATING       ⑥ WEATHERPROOF DISCONNECT       ⑧ INLET / DISCHARGE GUARD       ⑩ WALL COLLAR       ⑦ BAROMETRIC DAMPER								

VAV TE	ERMIN	AL BOX	( SCHE	DULE			
SYMBOL	INLET SIZE MM	MAX FLOW L/S	Max Press Drop In. Wg.	REMARKS			
VAV1 L/S	100ø (4)	24–100 (50–225)	0.29	EH PRICE SDV-5000			
VAV2 L/S	125ø (5)	30–165 (63–350)	0.19	EH PRICE SDV-5000			
VAV3 L/S	150ø (6)	31–212 (66–450)	0.18	EH PRICE SDV-5000			
VAV4 L/S	300ø (12)	143–990 (304–2100)	0.18	EH PRICE SDV-5000			
VAV5 L/S	350ø (14)	207–1416 (439–3000)	0.18	EH PRICE SDV-5000			
NOTE: TERMINAL UNITS DO NOT REQUIRE REHEAT BOXES. TERMINAL UNITS TO INCLUDE 3FT SOUND ATTENUATOR.							

HOT WATER REHEAT COIL SCHEDULE								
SYMBOL     L/S (CFM)     EAT °C (F)     LAT °C (F)     WATER CT °C (F)     MAX. APD N.WG.     FLOW RATE L/S (GPM)     MAX. FPD FT.HD.     CAPACITY KW (MBH)								
RC1 kW	110 (230)	13 (55)	22 (72)	6.7 (20)	0.20	0.03 (0.5)	0.2	0.75 (2.5)

DOOR GRILLE SCHEDULE							
DESIGNATION	DR1	DR2					
MOUNTING	SURFACE MOUNT IN DOOR	SURFACE MOUNT IN DOOR					
OUTLET TYPE	LOUVERED FACE RETURN	LOUVERED FACE RETURN					
NOMINAL FACE SIZE: MM (IN)	200x150 (8x6)	200x150 (8x6)					
AIRFLOW RANGE: L/S (CFM)	20–50 (45–110)	20–50 (45–110)					
MAXIMUM NOISE CRITERIA	NC 20	NC 20					
MODEL REFERENCE	NAILOR 51DGD-FR	NAILOR 51DGD					

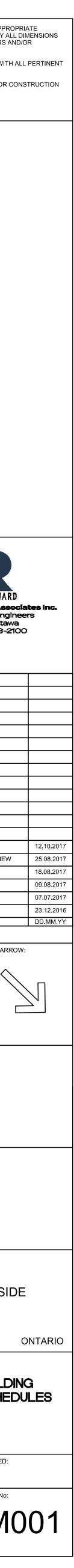
EXHAUST AIR GRILLE SCHEDULE							
DESIGNATION	E-1	E-2					
MOUNTING	CEILING SURFACE MOUNTED	CEILING SURFACE MOUNTED					
OUTLET TYPE	EGGCRATE GRILLE	EGGCRATE GRILLE					
NOMINAL FACE SIZE: MM (IN)	200x125 (8x5)	300x300 (12x12)					
AIRFLOW RANGE: L/S (CFM)	30–95 (60–200)	70–285 (150–600)					
MAXIMUM NOISE CRITERIA	NC 25	NC 25					
MODEL REFERENCE	PRICE 80 D	PRICE 80 D					

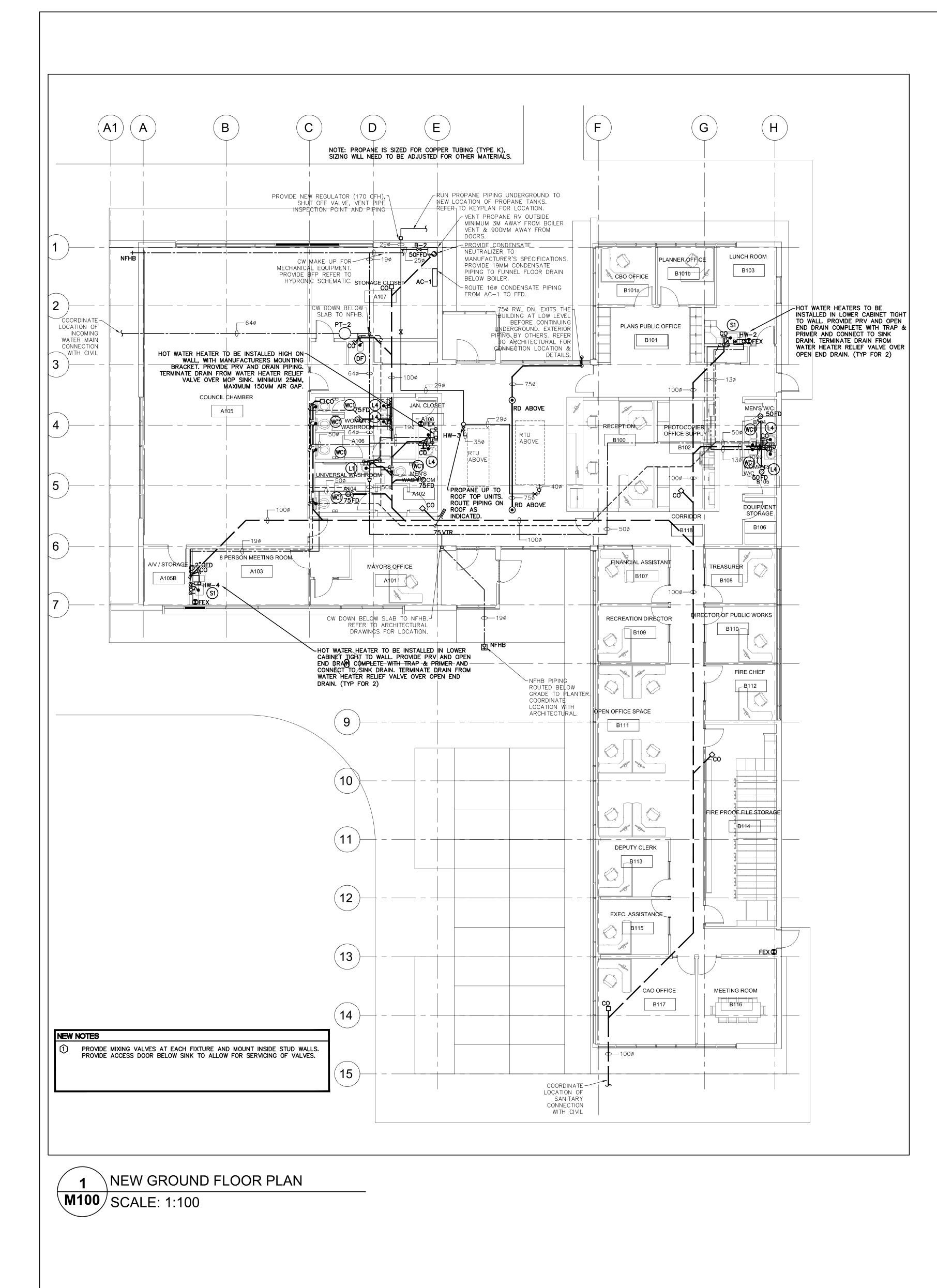
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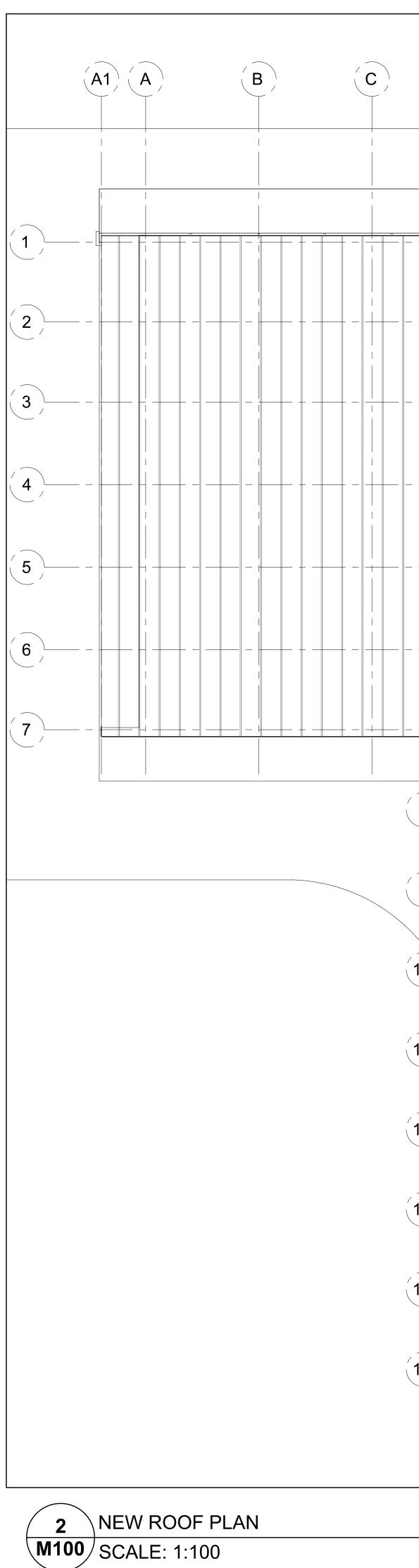
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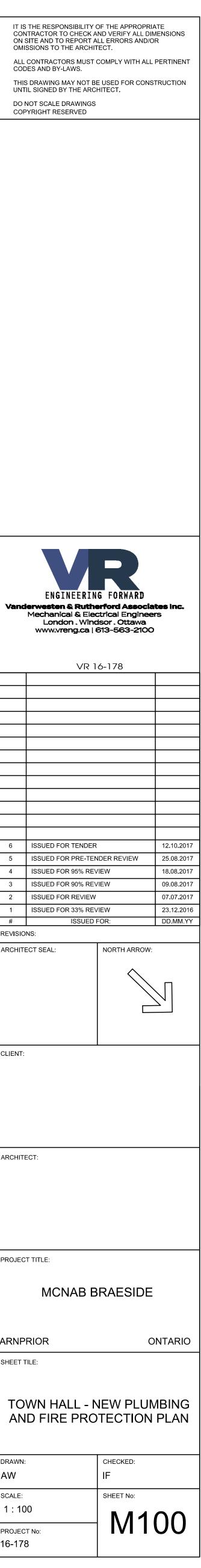
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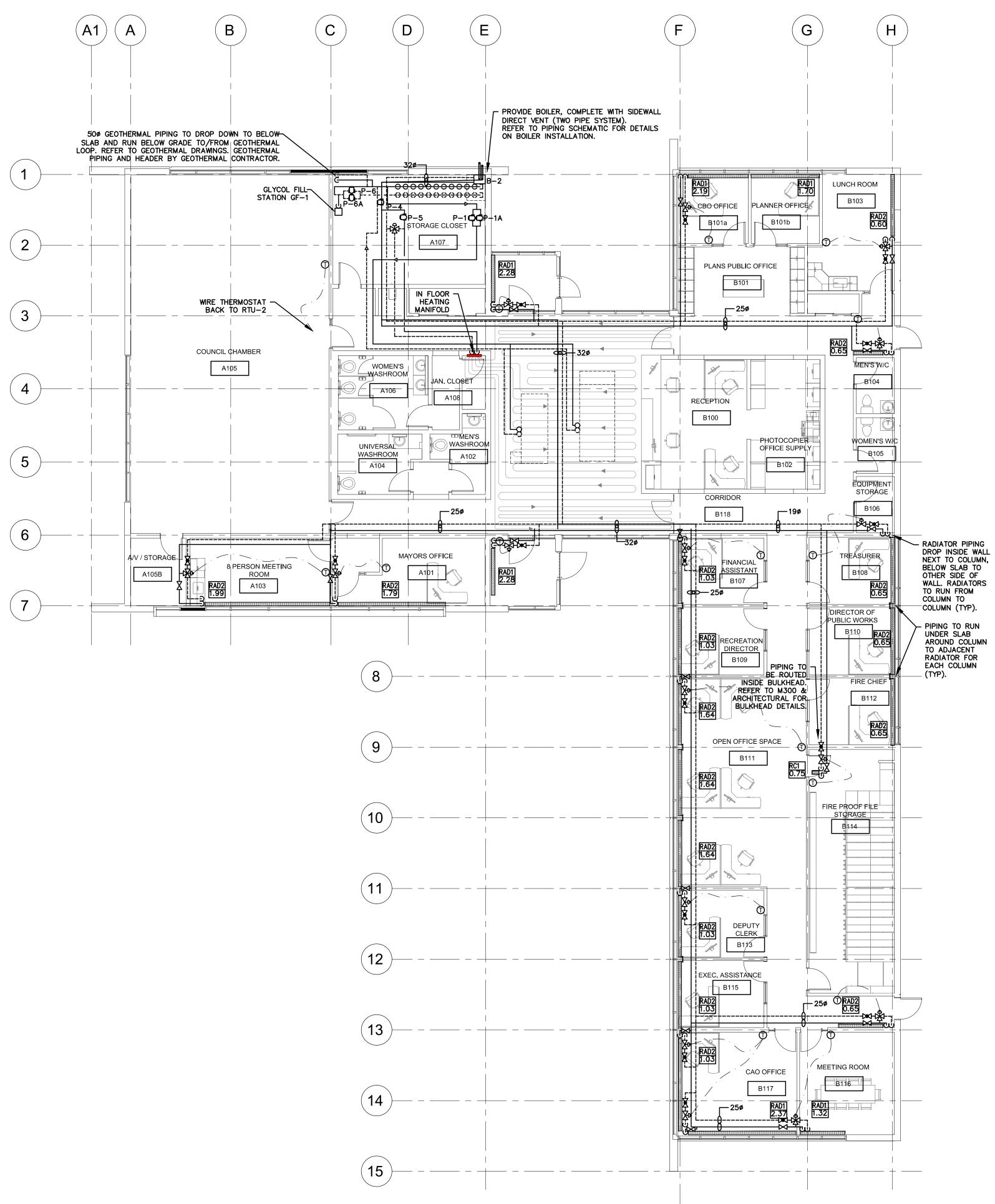






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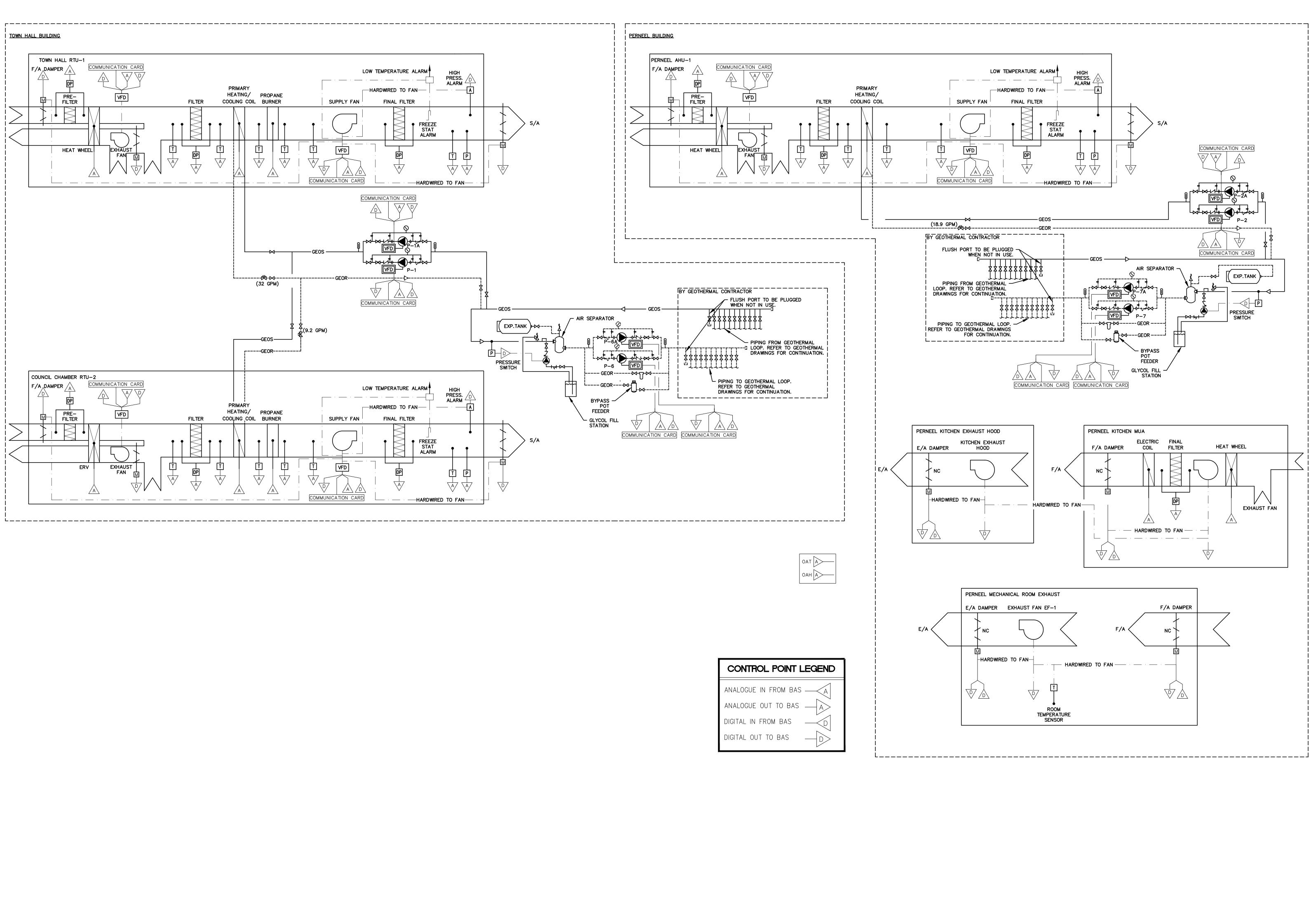
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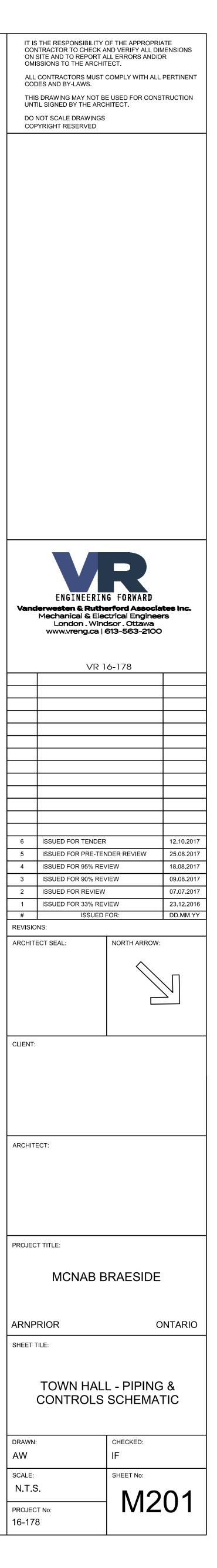
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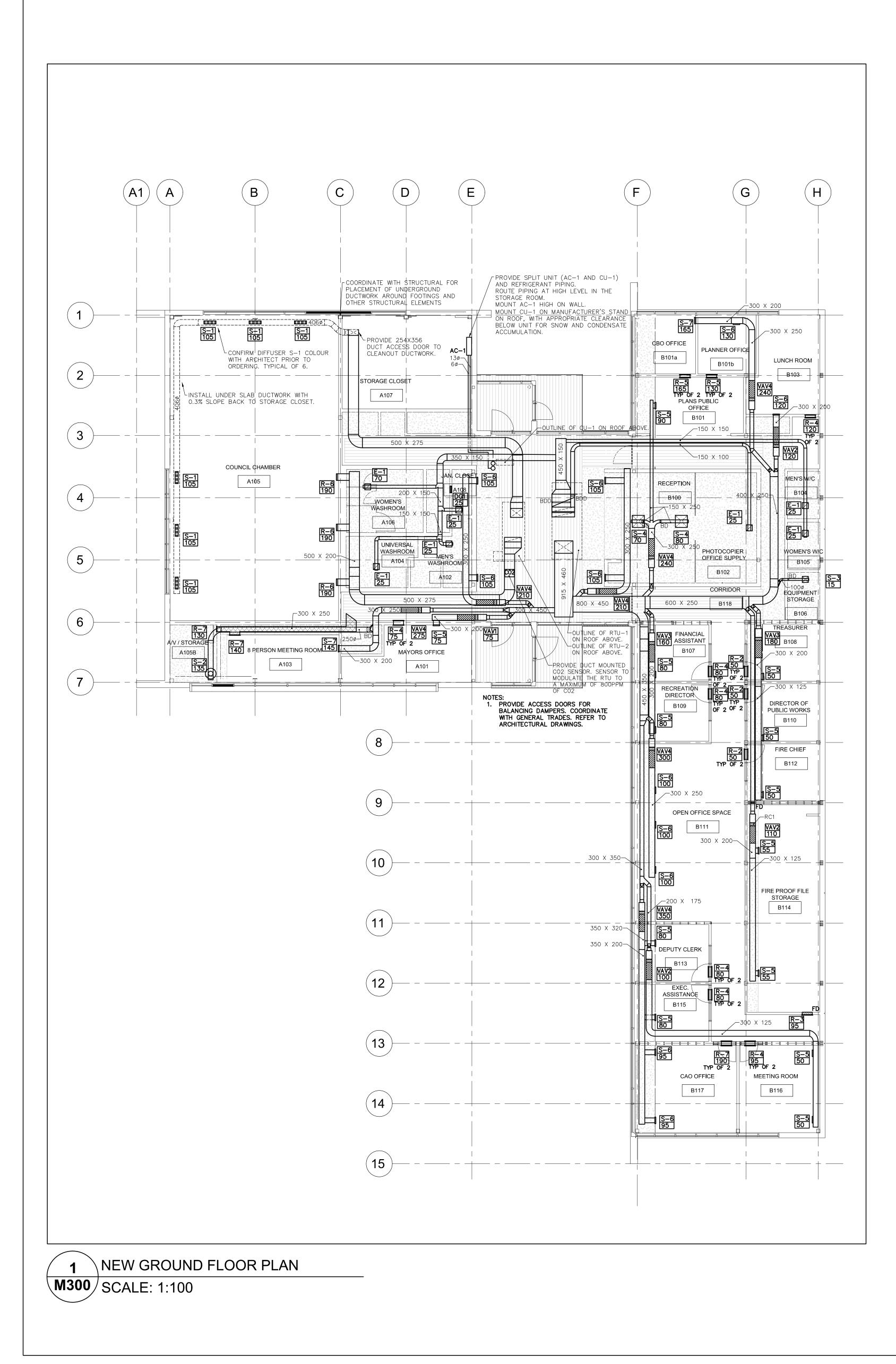
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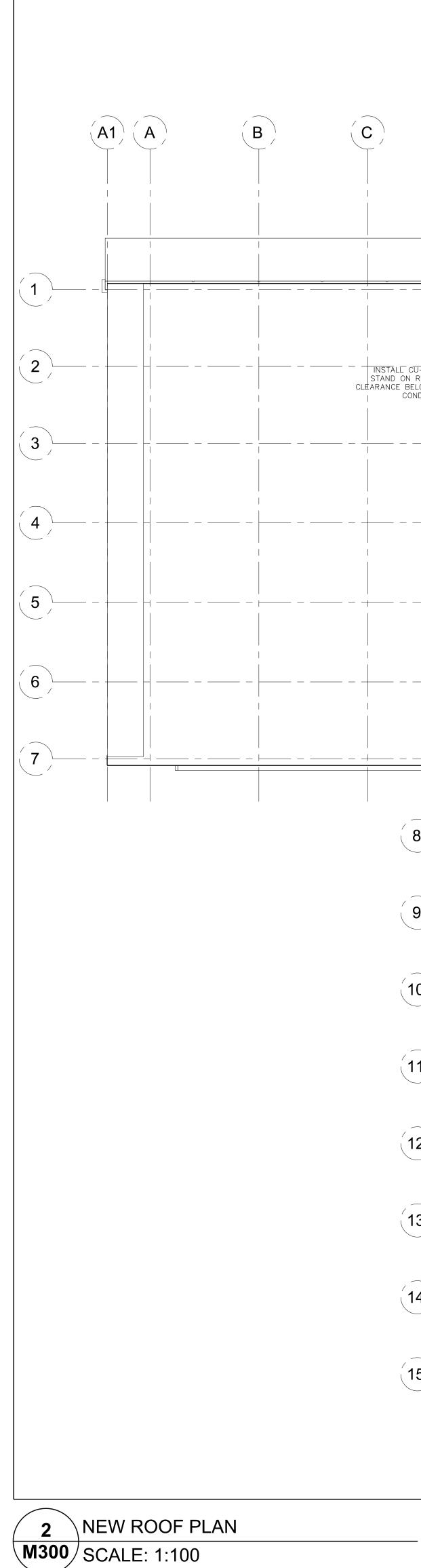




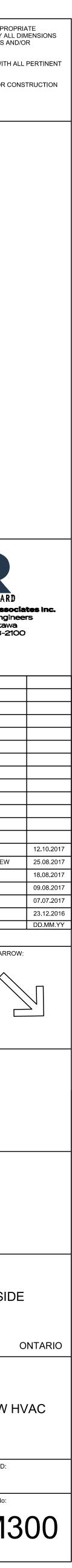
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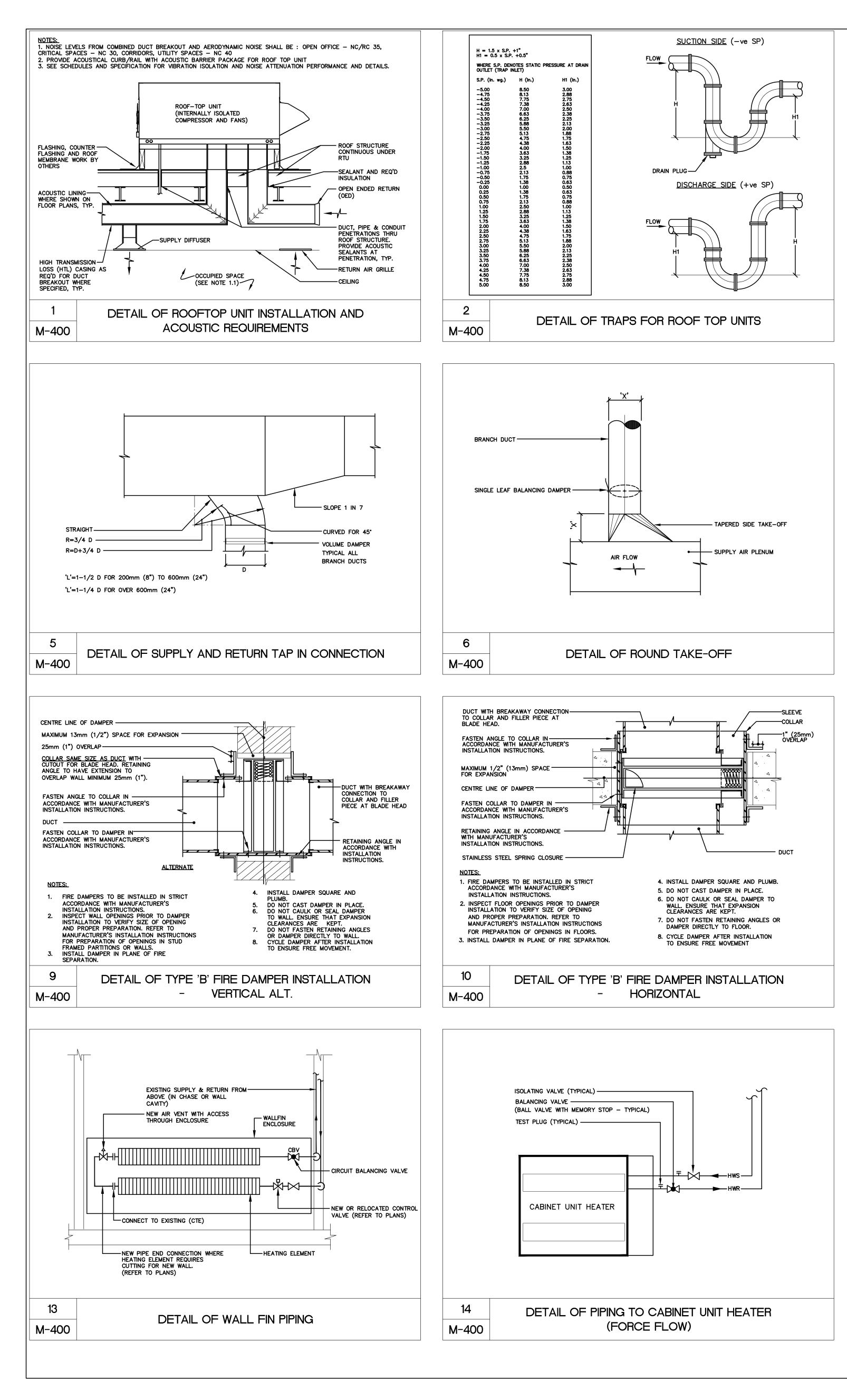


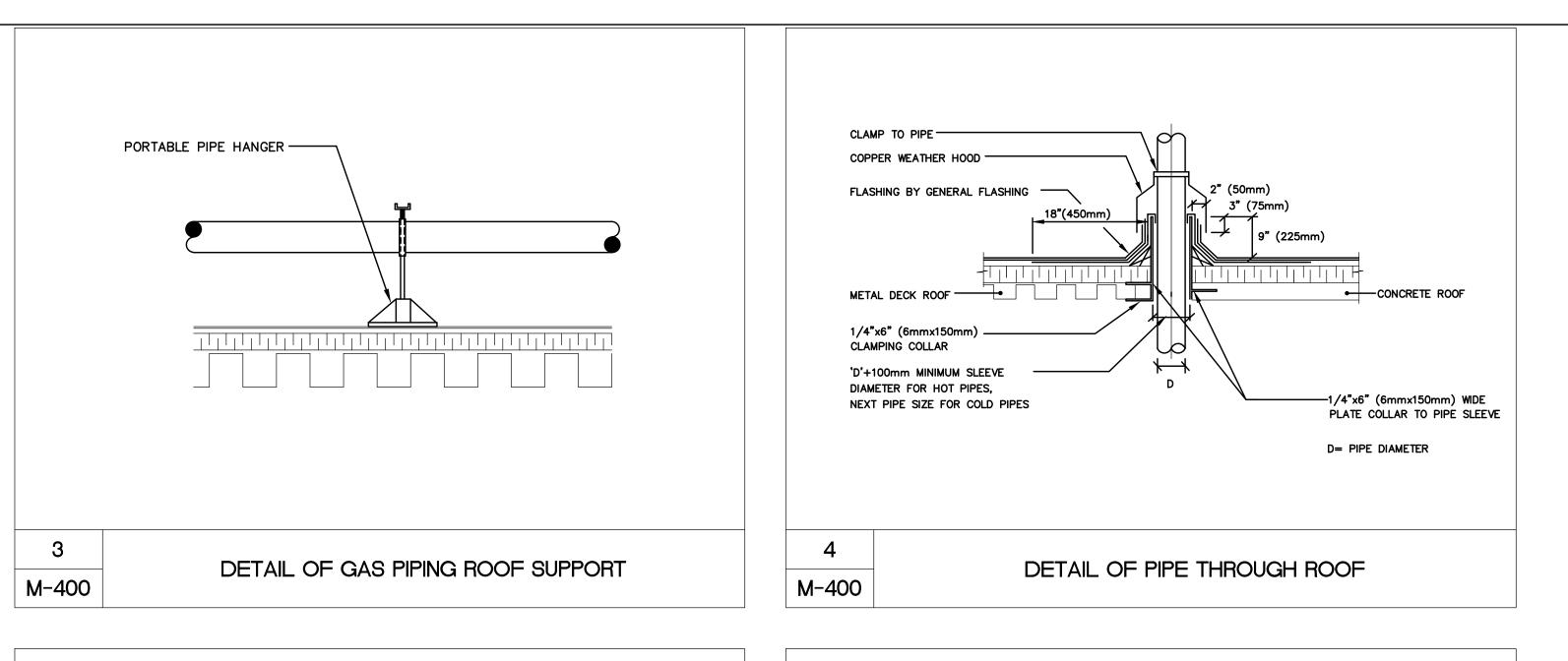


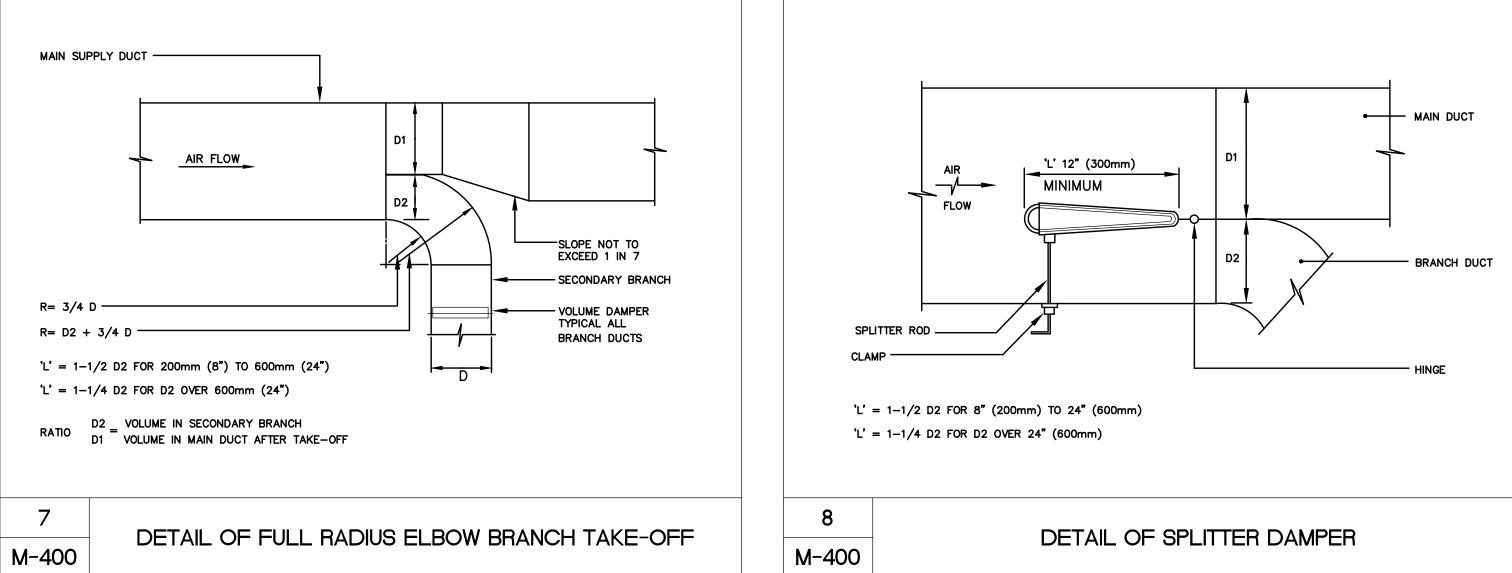


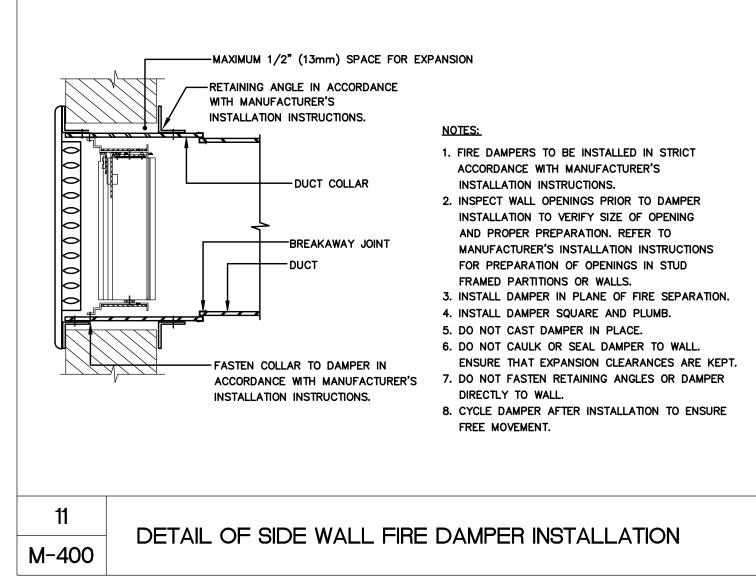
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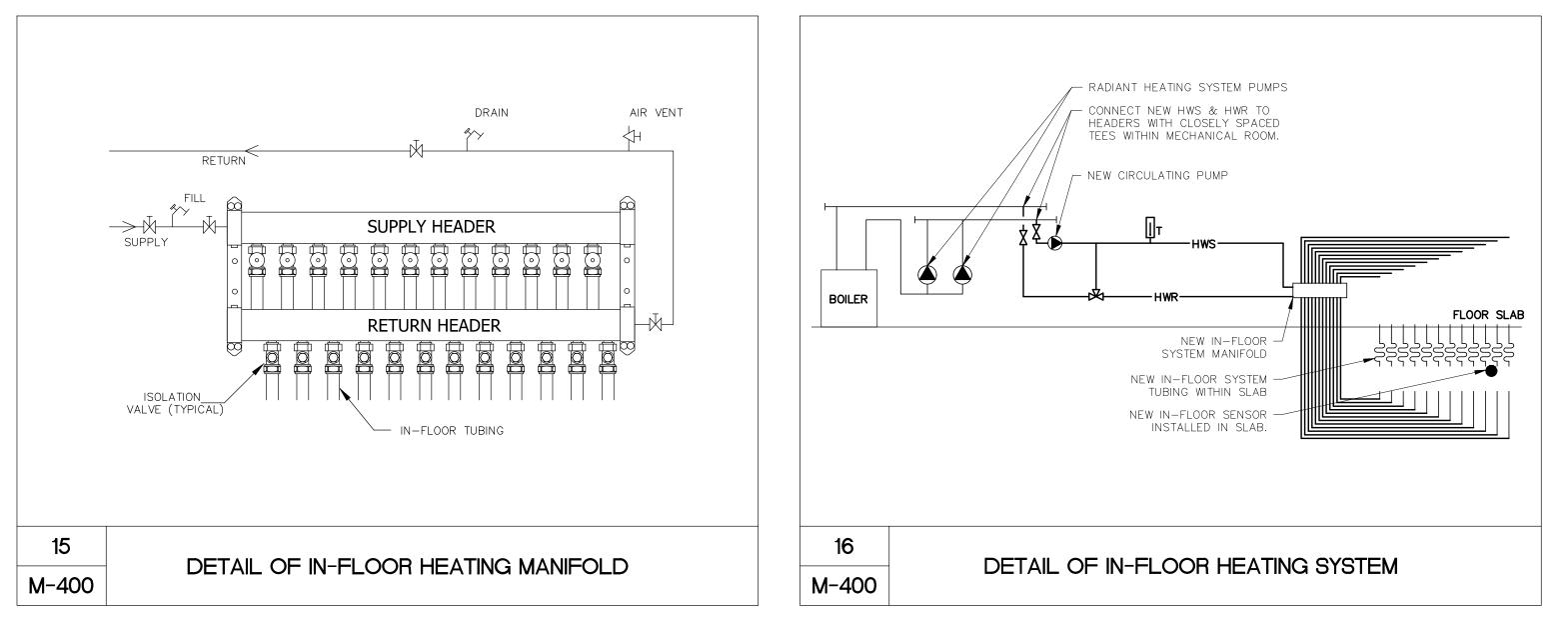


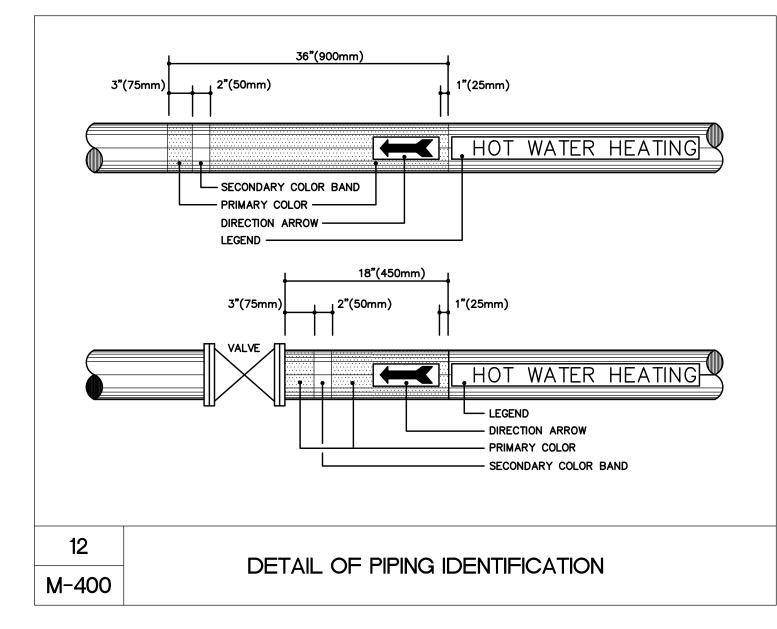




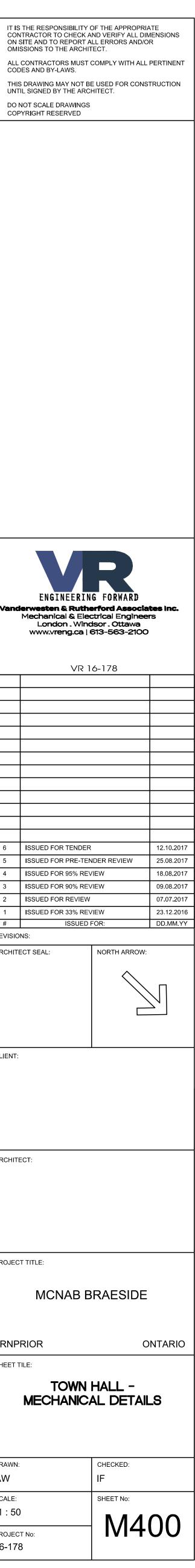


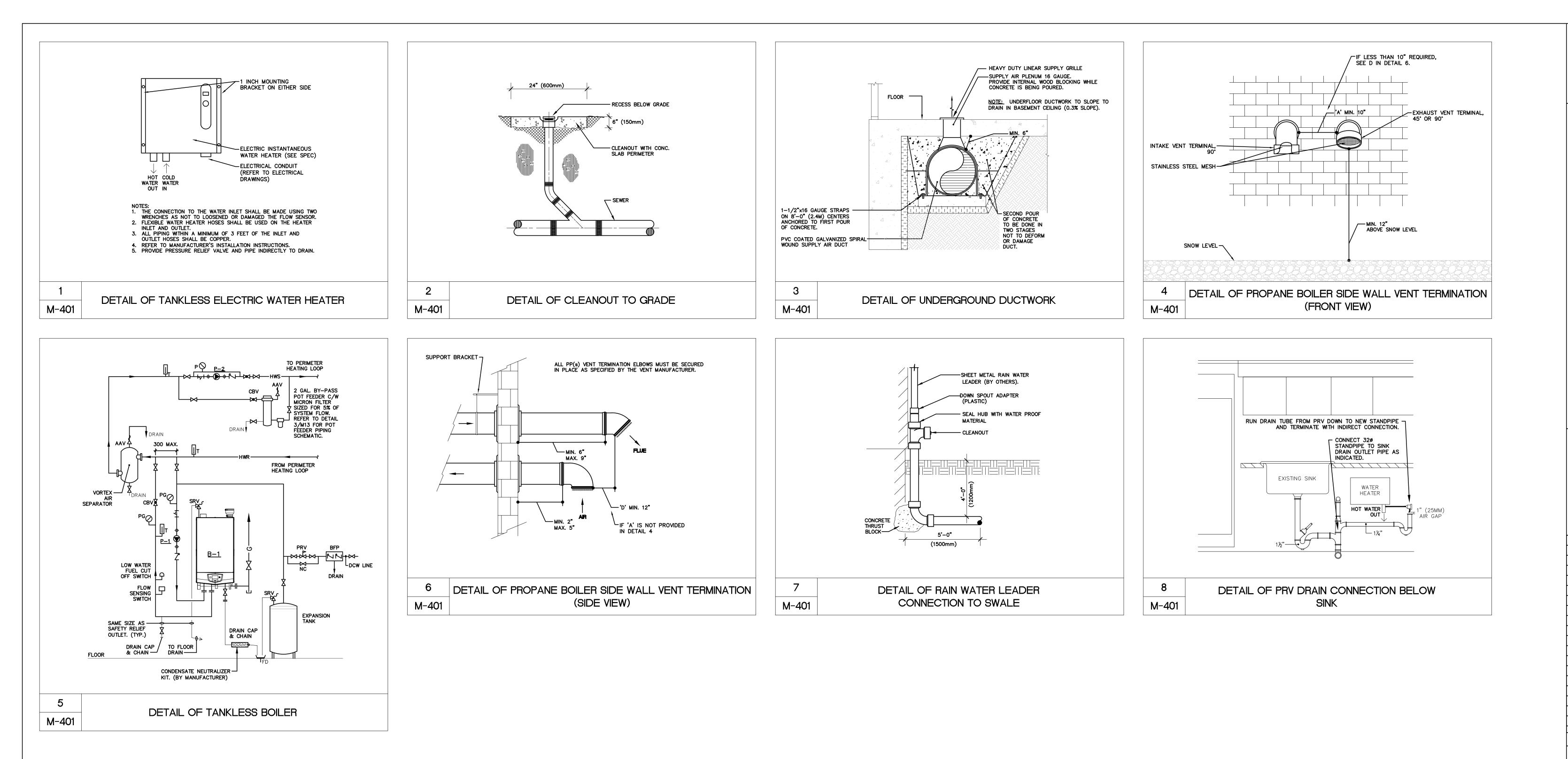






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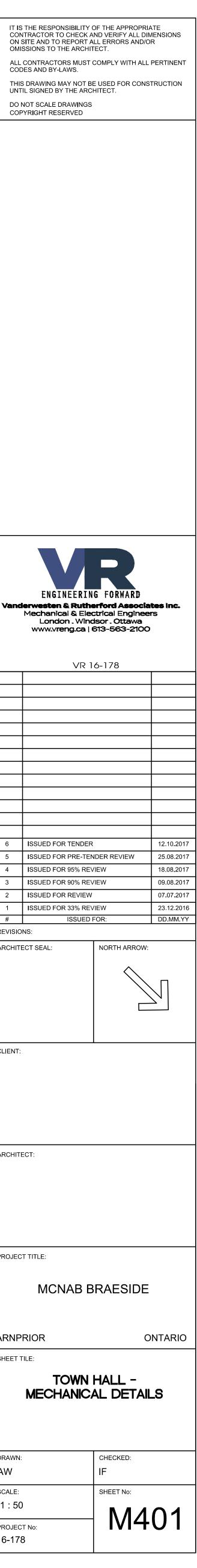


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DO NOT SCALE DRAWINGS

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## ELECTRICAL DRAWING LIST E-000 ELECTRICAL DRAWING LIST, LEGEND, NOTES AND SCHEDULES E-102 TOWN HALL - NEW LIGHTING PLANS E-202 TOWN HALL FLOOR AND ROOF - NEW POWER AND SYSTEM PLANS

MECL         DECONTAN         Mailer December 2015, 5, (TWO POLE), 5, (S-WAY), 2, (S-WAY), 5, (S	LEGEND						
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LED FIXTURE       NOTED         IZZ       EMERGENCY LED FIXTURE       NOTED         X       LED PENDANT OR DOWNLICHT FIXTURE       NOTED         X       LED PENDANT OR DOWNLICHT FIXTURE       NOTED         X       LED PENDANT OR DOWNLICHT FIXTURE       NOTED         X       LED FEXTURE       NOTED         X       SINGLE SIDED EXIT SIGN       NOTED         X       ISAMP FACEPTACLE       (167)         Y       ISAMP RECEPTACLE       (167)         Y       ISAMP 125VOLT U-GROUND SPUT RECEPTACLE       (167)         Y       ISAMP 125VOLT U-GROUND SPUT RECEPTACLE       (167)         Y       VOICE/DATA OUTLET C/W 3/4" (19mm) CONDUIT TO       (167)         Y       VOICE/DATA OUTLET C/W 3/4" (19mm) CONDUIT TO       (167)         Y       WEALL TELEPHONE OUTLET C/W 3/4" (19mm) CONDUIT TO       (450)         Y       VOICE/DATA OUTLET C/W 3/4" (19mm) CONDUIT TO       (457)         Y       WEALL TELEPHONE OUTLET C/W 3/4" (19mm) CONDUIT TO       (457)         Y       WEALL TELEPHONE OUTLET C/W 3/4" (19mm) CONDUIT TO       (467)         Y       VOICE/DATA OUTLET C/W 3/4" (19mm) CONDUIT TO       (467)         Y       VOICE/DATA OUTLET C/W 3/4" (19mm) CONDUIT TO       (467)         Y	\$	\$ <sub>PL</sub> (C/W PILOT LIGHT), \$ <sub>LV</sub> (LOW VOLTAGE), \$ <sub>T</sub> (TIMER), \$ <sub>S</sub> (OCCUPANCY SENSOR SWITCH) \$ (SINGLE GANG), <b>\$</b> (DOUBLE GANG), <b>\$</b> (TRIPLE GANG).					
EMERCENCY LOP FIXTURE     NOTED       ↓     WALL MOUNT BRACKET		LED FIXTURE					
↓     LED PENDANT OR DOWNLIGHT FIXTURE     NOTED       ↓     WALL MOUNT BRACKET		EMERGENCY LED FIXTURE	NOTED				
INCL MICH.       AS         INCL MICH.       AS         INCL SIDED ENT SIGN       AS         INCL SIDED ENT SIGN       ANOTED         INCL MICH.       DIRECTIONAL ARROW       —         INCL MICH.       CALL       (187)         VORCE/DATA OUTLET C/W 3/4" (19mm) CONDUIT TO       ASD         INCL PRESON OUTLET C/W 3/4" (19mm) CONDUIT TO       ASD         INCL PRESON OUTLET C/W 3/4" (19mm) CONDUIT TO       ASD         INCL PRESON OUTLET C/W 3/4" (19mm) CONDUIT TO       ASD         INCL CABLE TRAY       CAUL PRESON OUTLET C/W 3/4" (19mm) CONDUIT TO         INCL CABLE TRAY       CAUL PRESON OUTLET C/W 3/4" (19mm) CONDUIT TO         INCL PRESON OUTLET C/W 3/4" (19mm) CONDUIT TO       ASD         INCL PRESON OUTLET C/W 3/4" (19mm) CONDUIT TO       ASD         INCL PRESON OUTLET C/W 3/4" (19mm) CONDUIT TO	X	LED PENDANT OR DOWNLIGHT FIXTURE					
IEXI       SINGLE SUBJE EXILISION       NOTED         →       EXIT LIGHT - DIRECTIONAL ARROW	-	WALL MOUNT BRACKET					
■ ISAMP (20AMP WHERE NOTED) 125VOLT U-GROUND DUPLEX RECEPTACLE       450 (18 <sup>+</sup> )         ● T       ISAMP 125VOLT U-GROUND DUPLEX RECEPTACLE       (18 <sup>+</sup> )         ● T       ISAMP 125VOLT U-GROUND QUAD RECEPTACLE       (18 <sup>+</sup> )         ● T       ISAMP 125VOLT U-GROUND SPLIT RECEPTACLE       (18 <sup>+</sup> )         ● T       ISAMP 125VOLT U-GROUND SPLIT RECEPTACLE       (18 <sup>+</sup> )         ▼       CABLE TRAY       (19mm) CONDUIT TO       (450 (18 <sup>+</sup> )         ▼       VOCE/DATA OUTLET C/W 3/4 <sup>+</sup> (19mm) CONDUIT TO       (450 (18 <sup>+</sup> )         ▼       WALL TELEPHONE OUTLET C/W 3/4 <sup>+</sup> (19mm) CONDUIT TO       (450 (18 <sup>+</sup> )         ▼       WALL TELEPHONE OUTLET C/W 3/4 <sup>+</sup> (19mm) CONDUIT UP TO CABLE TRAY       AS         ▼       TELEPHONE OUTLET WTH 3/4 <sup>+</sup> (19mm) CONDUIT UP TO CABLE TRAY       AS         ▼       TELEPHONE OUTLET (RECESSED IN FLOOR)       FLOOR         ▼       TELEPHONE DUPLEX RECEPTACLE       FLOOR         ▼       TELEPHONE DUPLEX RECEPTACLE       PLOOR         ▼       TELEPHONE DUTLET C/W 3/4 <sup>+</sup> (19mm) CONDUIT UP TO AS       AS         ▼       TELEPHONE DUTLET C/W 3/4 <sup>+</sup> (19mm) CONDUIT TO CABLE TRAY       AN TED         ●       TELEPTACLE       PLOOR       AN         ●       SMORE DETECTOR       CELING         ●       SNOTED       <	EX1	SINGLE SIDED EXIT SIGN					
➡ DUPLEX*RECEPTACLE       (18*)         ■ TIAMPER PROOF	$\rightarrow$	EXIT LIGHT - DIRECTIONAL ARROW					
● T       TAMPER PROOF       (18*)         ● 15AMP 125VOLT U-GROUND QUAD RECEPTACLE       (19*)         ● 15AMP 125VOLT U-GROUND SPLIT RECEPTACLE       (19*)         ● TELEVISION OUTLET C/W 3/4* (19mm) CONDUIT TO CABLE TRAY       (190)         ● 15AMP 125VOLT U-GROUND QUAD RECEPTACLE       FLOOR         ● 15AMP 125VOLT U-GROUND AND ROUGH-IN TO ACCEPTACLE QUAD NOT CONDUCT       NOTED         ● 15AMP 12000       U-GROUND AND ROUGH-IN TO ACCEPTACLE QUAD NOT CONDUCT CONNECT       WALL         ● 15AM	₽	DUPLEX RECEPTACLE	(18")				
ISAMP 125VOLT U-GROUND GALD RECEPTACLE       (12°)	₽т		(18")				
♥       TSAMP 125VOLT U-GROUND SPLIT RECEPTACLE       (18")         ♥       COBLE TRAY       450         ♥       CABLE TRAY       (19mm) CONDUIT TO       450         ♥       MALL TELEPHONE OUTLET C/W 3/4" (19mm) CONDUIT TO CABLE       450         ♥       WALL TELEPHONE OUTLET C/W 3/4" (19mm) CONDUIT TO CABLE       450         ●       TEXPSION OUTLET WTH 3/4" (19mm) CONDUIT UP TO AS CABLE TRAY       NOTED         ●       TEXPSION OUTLET WTH 3/4" (19mm) CONDUIT UP TO AS CABLE TRAY       NOTED         ●       TEXPSION OUTLET WTH 3/4" (19mm) CONDUIT UP TO AS CABLE TRAY       NOTED         ●       TEXPSIDENT LU-GROUND QUAD RECEPTACLE       FLOOR         ●       TEXPSIDENT TO CREAT AND CONDECTON       FLOOR         ●       TEXPSIDENT TO U-GROUND AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUITS/WIRES AND VOICE/DATA SIZE JUNCTON BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUITS/WIRES AND VOICE/DATA DROPS TURNING INTO THE SYSTEMS       WALL         ●       SINGLE PUSHBUTTON STATION       (42")	<b>+</b>	15AMP 125VOLT U-GROUND QUAD RECEPTACLE	(12")				
▼       CABLE TRAY       CIENT C/W 3/4" (19mm) CONDUIT TO CABLE       430 (18")         ▼       DATA OUTLET C/W 3/4" (19mm) CONDUIT TO CABLE TRAY       1500 (60")         ▼       INATE 125VOLT U-GROUND QUAD RECEPTACLE       FLOOR         ▼       ISAMP 125VOLT U-GROUND QUAD RECEPTACLE       FLOOR         ▼       VOICE/DATA OUTLET (RECESSED IN FLOOR)       FLOOR         ▼       VOICE/DATA OUTLET (RECESSED IN FLOOR)       FLOOR         ▼       VOICE/DATA OUTLET (RECESSED IN FLOOR)       FLOOR         ▼       VOICE/DATA DOTLET (RECESSED IN FLOOR)       FLOOR         ▼       VOICE/DATA DOTLET (RECESSED IN FLOOR)       FLOOR         ▼       VOICE/DATA DORS TURNING INTO THE SYSTEMS       WALL         ■       SINGLE PUSHBUTTON STATION       1086         ■       SINGLE PUSHBUTTON STATION       1086         ■       SINGLE PUSHBUTTON STATION       1086         ●       DISCONNECT SWITCH       —         ■       COMBINATION STATER AND DISCONNECT       —         ●       DISCONNECT SWITCH       —         ■       COMBINATION STATER AND DISCONNECT       …         ●       OCCUPANCY SENSOR       CEILING         ●       OCCUPANCY SENSOR       CEILING         ●	¢		(18")				
▼       TRAP       (181')       (181')       (181')         ▼       WALL TELEPHONE OUTLET C/W 3/4" (19mm) CONDUIT       1500         ↓       TALE TRAY       (60')         ↓       TELEVISION OUTLET WITH 3/4" (19mm) CONDUIT UP TO       AS NOTED         ↓       TALE TRAY       COULET WITH 3/4" (19mm) CONDUIT UP TO       AS NOTED         ↓       TELEVISION OUTLET (RECESSED IN FLOOR)       FLOOR         ↓       SMOKE DETECTOR       CELLING         ↓       VOICE/DATA 3UTLET (RECESSED IN FLOOR)       FLOOR         ↓       VOICE/DATA OUTLET (RECESSED IN FLOOR)       FLOOR         ↓       VOICE/DATA 3UZLE CONNECTION FOR POWER AND VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUITS/WRES AND VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUITS/WRES AND VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUITS/WRES AND VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUITS/WRES AND VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUITS/WRES AND VOICE/DATA SIZE JUNCTION BOX AND ROUGH AND         ↓       DISCONNECT SWITCH	▼	CABLÉ TRAY	(18")				
▼W       TO CABLE TRAY       COLLET WITH 3/4" (19mm) CONDUIT UP TO NOTED         ↓       CABLE TRAY       CABLE TRAY         ▼       CABLE TRAY       CABLE TRAY         ▼       CABLE TRAY       CROUND QUAD RECEPTACLE       FLOOR         ●       ISAMP 125VOLT U-GROUND QUAD RECEPTACLE       FLOOR       CEILING         ●       SMOKE DETECTOR       CEILING         ▼       VOICE/DATA OUTLET (RECESSED IN FLOOR)       FLOOR         ●       VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CROUITS/WRES AND VOICE/DATA DOPS TURNING INTO THE SYSTEMS FURNITURE       WALL         ●       SINGLE PUSHBUTTON STATION       1066 (42")         ●       MOTOR CONNECTION (SINGLE OR THREE PHASE)		TRAY	(18")				
V       CABLE TRAY       NOTED         ISAMP 125VOLT U-GROUND QUAD RECEPTACLE       FLOOR         Image: Construct of the second construction of the second construct of the second constre construct of the second construct of the se	▼w	TO CABLE TRAY	(60")				
MEE       (RECESSED IN FLOOR)       CEILING         ♥       SMOKE DETECTOR       CEILING         ♥       VOICE/DATA OUTLET (RECESSED IN FLOOR)       FLOOR         ●       SYSTEMS FURNITURE CONNECTION FOR POWER AND VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACOCE/DATA OROPS TURNING INTO THE SYSTEMS FURNITURE       WALL         ●       SINGLE PUSHBUTTON STATION       (42°)         ●       MOTOR CONNECTION (SINGLE OR THREE PHASE)	· ·	CABLE TRAY					
▼       VOICE/DATA OUTLET (RECESSED IN FLOOR)       FLOOR         ▼       SYSTEMS FURNITURE CONNECTION FOR POWER AND VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUTS/WRES AND VOICE/DATA PROPS TURNING INTO THE SYSTEMS       WALL         ●       SINGLE PUSHBUTTON STATION       10666 (42°)         ●       SINGLE PUSHBUTTON STATION       10666 (42°)         ●       DISCONNECTION (SINGLE OR THREE PHASE)			FLOOR				
Image: Systems furniture connection for power and voice/data size junction box and rough—in to voice/data props turning into the systems purniture       Wall         Image: Single pushbutton station       1066 (42°)         Image: Single pushbutton stater and disconnect		SMOKE DETECTOR	CEILING				
E       VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUITS/MRES AND DURATIONE       WALL         Image: Single PUSHBUTTON STATION       1066 (42")         Image: Single PUSHBUTTON STATION SINCE ON THREE PHASE)       10066 (42")         Image: Single PUSHBUTON STATION SINCE ON THREE PHASE)       100         Image: Single PUSHBUTTON BOX (REFER TO DRAWINGS)       100         Image: Single POME LIGHT       100         Image: Single PUSHBUTTON       100         Image: Single PUSHBUTTON       11200         Image:		, , , ,	FLOOR				
Image: Single PUSHBUTTON STATION       (42")         ✓       MOTOR CONNECTION (SINGLE OR THREE PHASE)       —         Image: Single Connect Switch       Celling         Image: Single Connect Switch       Motor         Image: Single Connect Switch       —         Image: Single Connect Switch       …         Image: Single Contact C/w 3/4	F	VOICE/DATA SIZE JUNCTION BOX AND ROUGH-IN TO ACCOMMODATE NUMBER OF CIRCUITS/WIRES AND VOICE/DATA DROPS TURNING INTO THE SYSTEMS	WALL				
D       DISCONNECT SWITCH	●	SINGLE PUSHBUTTON STATION					
Image: Second State of Sta	Q	MOTOR CONNECTION (SINGLE OR THREE PHASE)					
W       MOTOR CONNECTION (SINGLE OR THREE PHASE)	Þ	DISCONNECT SWITCH					
●       OCCUPANCY SENSOR       CEILING         ●       SPECIAL RECEPTACLE (REFER TO DRAWINGS)       AS NOTED         ●       JUNCTION BOX (REFER TO DRAWINGS)	Þ	COMBINATION STARTER AND DISCONNECT					
SPECIAL RECEPTACLE (REFER TO DRAWINGS)       AS NOTED         JUNCTION BOX (REFER TO DRAWINGS)	M	MOTOR CONNECTION (SINGLE OR THREE PHASE)					
♥       SPECIAL RECEPTACLE (REFER TO DRAWINGS)       NOTED         ●       JUNCTION BOX (REFER TO DRAWINGS)	۲	OCCUPANCY SENSOR	CEILING				
●       DIRECT CONNECTION          ■       ELECTRICAL PANEL          ■       ELECTRICAL PANEL          ■       EMERGENCY CALL BUTTON          △       SINGLE DOME LIGHT          ■       FIRE ALARM PULLSTATION       1200 (47")         ■       FIRE ALARM PULLSTATION       1200 (47")         ■       FIRE ALARM HORN WITH STROBE LIGHT       1200 (47")         ■       BASKET CABLE TRAY (300MMX100MM)       ABOVE (21)NG         ■       BASKET CABLE TRAY (300MMX100MM)       ABOVE CEILING         ■       DOOR CONTACT C/W 3/4" CONDUIT (19MM). TO ACCESSIBLE CORRIDOR CEILING SPACE          ■       DOOR CONTACT C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE          ■       ELECTRIC DOOR STRIKE C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE		SPECIAL RECEPTACLE (REFER TO DRAWINGS)					
ELECTRICAL PANEL	J						
E       EMERGENCY CALL BUTTON	•	DIRECT CONNECTION					
△       SINGLE DOME LIGHT       ──         □       EMERGENCY LIGHTING BATTERY UNIT       ──         □       FIRE ALARM PULLSTATION       1200 (47")         □       FIRE ALARM PULLSTATION       1200 (47")         □       FIRE ALARM PULLSTATION       1200 (47")         □       FIRE ALARM HORN WITH STROBE LIGHT       1200 (47")         □       MASKET CABLE TRAY (300MMX100MM)       ABOVE CEILING         □       BASKET CABLE TRAY (300MMX100MM)       ABOVE CEILING         □       DOOR CONTACT C/W 3/4" CONDUIT (19MM). TO ACCESSIBLE CORRIDOR CEILING SPACE       ──         □       DOOR CONTACT C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE       ──         □       ELECTRIC DOOR STRIKE C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE       ──         □       CARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE       ──         □       HANDHOLE - REFER TO DRAWINGS FOR TYPE       ──         □       HANDHOLE - REFER TO DRAWINGS FOR TYPE       ──         □       GFI       GROUND FAULT INTERRUPTING       ──         □       OC       OVER COUNTER       ──         WP       WEATHER PROOF       ──       ──         HSK       HOUSEKEEPING       ──       ── <td></td> <td>ELECTRICAL PANEL</td> <td></td>		ELECTRICAL PANEL					
EB*       EMERGENCY LIGHTING BATTERY UNIT       —         Image: Street Desider Control (47")       FIRE ALARM PULLSTATION       1200 (47")         Image: Street Desider Control (47")       Image: Street Desider Control (47")       1200 (47")         Image: Street Desider Control (47")       Image: Street Desider Control (47")       1200 (47")         Image: Street Desider Control (47")       Image: Street Desider Control (47")       1200 (47")         Image: Street Desider Control (47")       Image: Street Desider Control (47")       1200 (47")         Image: Street Desider Control (47")       Image: Street Desider Control (47")       1200 (47")         Image: Street Desider Control (47")       Image: Street Desider Control (47")       1200 (47")         Image: Street Desider Control (47")       Image: Street Desider Control (47")       Image: Street Desider Control (47")         Image: Street Desider Control (47")       Image: Street Desider Control (46")       Image: Street Desider Control (46")         Image: Street Desider Control (46")       Image: Street Desider Control (46")       Image: Street Desider Control (46")         Image: Street Desider Control (46")       Image: Street Desider Control (46")       Image: Street Desider D	E	EMERGENCY CALL BUTTON					
Image: Second system       1200 (47")         Image: Second system       1170 (46")	Δ_	SINGLE DOME LIGHT					
Image: Alarm Pullstation       (47")         Image: Alarm Pollstation       (47")         Image: Alarm Pollstation       1200 (47")         Image: Alarm Pollstation       Alarm Pollstation         Image: Alarm Pollstation       Alarm Pollstation         Image: Alarm Pollstation       Alarm Pollstation         Image: Alarm Polstation       Alarm Polstation	EB*		1200				
Image: Pirke ALARM HORN WITH STROBE LIGHT       (47")         Image: Double Head Remote Emergency Light			(47")				
Image: Basket cable tray (300MMX100MM)ABOVE CEILINGDCIDOOR CONTACT C/W 3/4" CONDUIT (19MM). TO ACCESSIBLE CORRIDOR CEILING SPACEDSIELECTRIC DOOR STRIKE C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACECRCARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE1170 (46")Image: Basket color ceiling spaceCARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE1170 (46")Image: Basket color ceiling spaceCARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE1170 (46")Image: Basket color ceiling spaceCARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE1170 (46")Image: Basket color ceiling spaceCARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE1170 (46")Image: Basket color ceiling spaceCARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE1170 (46")Image: Basket color ceiling spaceCARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE1170 (46")Image: Basket color ceiling spaceCARD READER CONDUERImage: Basket color ceiling spaceCARD READER C							
Image: Destruction of the second state of the second st	215						
ACCESSIBLE CORRIDOR CEILING SPACE         DS       ELECTRIC DOOR STRIKE C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE         CR       CARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE         Image: Comparison of the second sec		· ·					
ACCESSIBLE CORRIDOR CEILING SPACE         ICR       CARD READER C/W 3/4" CONDUIT (19mm) TO ACCESSIBLE CORRIDOR CEILING SPACE       (46")         Image: Comparison of the second		ACCESSIBLE CORRIDOR CEILING SPACE					
Image: Construction of the original system of the oris originalequare system of the original system of the		ACCESSIBLE CORRIDOR CEILING SPACE	1170				
GFI       GROUND FAULT INTERRUPTING       ——         OC       OVER COUNTER       ——         WP       WEATHER PROOF       ——         HSK       HOUSEKEEPING       ——		ACCESSIBLE CORRIDOR CEILING SPACE					
OC     OVER COUNTER       WP     WEATHER PROOF       HSK     HOUSEKEEPING	0						
WP     WEATHER PROOF       HSK     HOUSEKEEPING	GFI	GROUND FAULT INTERRUPTING					
HSK HOUSEKEEPING		OVER COUNTER					
		WEATHER PROOF					
CL CEILING	HSK	HOUSEKEEPING					
	CL	CEILING					
PS/TC PHOTO SENSOR/TIME CLOCK	PS/TC	PHOTO SENSOR/TIME CLOCK					

## GENERAL NOTES

- DO NOT SCALE DRAWINGS FOR INSTALLATION PURPOSES. OBTAIN ALL DIMENSIONS FROM ARCHITECTURAL PLANS, MANUFACTURER'S SHOP DRAWINGS, AND ON SITE INSPECTIONS.
- PRIOR TO INSTALLATION OF BOXES IN WALLS, VERIFY THAT NO INTERFERENCES EXIST. CHECK ARCHITECTURAL PLANS AND ELEVATIONS.
- ALL EXISTING DEAD WIRING AND CONDUIT IN RENOVATED AREAS SHALL BE REMOVED IN ITS ENTIRETY WHERE ACCESSIBLE. WHERE NOT ACCESSIBLE, WIRING ONLY SHALL BE REMOVED AND CONDUIT SHALL REMAIN.
- REWORK ALL EXISTING WIRING, CONDUIT, ETC. REMAINING IN USE AND FALLING WITHIN EXISTING WALLS WHICH ARE BEING REMOVED, TO NEAREST EXISTING WALLS REMAINING. ALL REWORKED WIRING SHALL BE CONCEALED.
- . ELECTRICAL EQUIPMENT BEING REMOVED AND NOT BEING REUSED WIL BE STORED ON SITE AND REMAIN THE PROPERTY OF THE OWNER. ANY SUCH EQUIPMENT THE OWNER DOES NOT WISH TO RETAIN WILL BE REMOVED FROM SITE AND DISPOSED OF BY THIS TRADE.
- REVIEW DRAWINGS AND PROVIDE ON SITE INSPECTIONS TO DETERMINE FULL EXTENT OF PROJECT PRIOR TO SUBMITTING BID. MECHANICAL AND ELECTRICAL TRADES SHALL WORK IN CONJUNCTION WITH ONE ANOTHER SO AS TO AVOID INTERFERENCES BETWEEN
- PIPING, DUCTWORK, CONDUIT, LIGHTING FIXTURES, ETC. . WORK IN CONJUNCTION WITH ARCHITECTURAL REFLECTED CEILING PLAN WHEN LOCATING LIGHT FIXTURES.

## FIXTURE SCHEDULE

NOTES:

CONTRACTOR AND FIXTURE SUPPLIER ARE RESPONSIBLE TO PROVIDE ALL PLASTER AND FINISHING FRAMES, MOUNTING HARDWARE, AND ACCESSORIES TO SUIT ARCHITECTURAL CEILING SCHEDULE. FINAL COLOUR SELECTIONS OF FIXTURES SHALL BE CONFIRMED BY ARCHITECT DURING SHOP DRAWING REVIEW. LIGHT EMITTING DIODES (LED) WITH CURRENT TECHNOLOGY, MINIMU COLOUR TEMPERATURE OF 3000% TO 4000%, A MINIMUM CRI OF 80, A RATED LIFE OF 50,000 TO 70,000 HOURS BASED ON 70% LUMEN DEPRECIATION LEVEL AND HEAT SINKS TO REMOVE HEAT FROM THE BOTTOM OF THE SEMICONDUCTORS. ALL LIGHT FIXTURE SHALL BE DLC OR ENERGY STAR RATED FOR OWNER'S REBATE ELIGIBILITY. MANUFACTURER TO NOTE ON SHOP DRAWINGS THAT DRIVERS, DIMMING SWITCHES AND PHOTOCONTROLLERS ARE ALL COMPATIBLE.

TYPE	DESCRIPTION	LAMPS	мтант ф
A1	4"DIAMETER SQUARE LED DOWNLIGHT, WHITE REFLECTOR, BLACK TRIM RING, SUITABLE FOR INSTALLATION IN WOOD SLAT OR GWB CEILING, 120V DRIVER, GALVANIZED STEEL HOUSING APPROVED FOR INSTALLATION IN INSULATED CEILINGS, BELOW CEILING ACCESSIBLE.	1200 LUMEN 3500K	RECESSED
	CONTRASTE MODEL UR4J-22-11-35-80-L + NWUR-4-120-D2 OR APPROVED EQUIVALENT		
A2	4"DIAMETER SQUARE LED DOWNLIGHT, WHITE REFLECTOR, WHITE TRIM RING (SHOWER TRIM), SUITABLE FOR INSTALLATION IN GWB CEILING, 120V DRIVER, GALVANIZED STEEL HOUSING APPROVED FOR INSTALLATION IN INSULATED CEILINGS, BELOW CEILING ACCESSIBLE.	700 LUMEN 3500K	RECESSED
	CONTRASTE MODEL UR4H-F-11-11-35-80-L + NWUR-4-120-D2 OR APPROVED EQUIVALENT		
A3	4"DIAMETER SQUARE LED DOWNLIGHT, WHITE REFLECTOR, WHITE TRIM RING (GASKETED), SUITABLE FOR INSTALLATION IN EXTERIOR WOOD SLAT CEILING (SOFFIT/ULTRA LOW TEMPERATURE, WET LOCATION), 120V DRIVER, GALVANIZED STEEL HOUSING APPROVED FOR INSTALLATION IN NSULATED CEILINGS, BELOW CEILING ACCESSIBLE.	1200 LUMEN 3500K	RECESSED
	CONTRASTE MODEL UR4-XX-11-11-35-80-L + NWUR-4-120-D2 OR APPROVED EQUIVALENT		
B1	4' LONG LED LINEAR FIXTURE, DIRECT/INDIRECT, SHALLOW PROFILE, ACRYLIC LENS C/W 2"DROP, SATIN FINISH, EXTRUDED ALUMINUM HOUSING, WHITE POWDER COAT, CABLE MOUNTING C/W MATCHING CANOPY, SUITABLE FOR OPEN CEILING, 120V DIMMING DRIVER (0–10V). LINIA MODEL 3G-2PLI-L4-35K-120-DIM-DD2-	3640 LUMEN (910 LUMEN/ FT) 3500K	SUSPENDED
	WH-60-S-4FT OR APPROVED EQUIVALENT		
	8' LONG LED LINEAR FIXTURE, DIRECT/INDIRECT,	7280	SUSPENDED

30 SHALLOW PROFILE, ACRYLIC LENS C/W 2"DROP, LUMEN (910 - SATIN FINISH, EXTRUDED ALUMINUM HOUSING, LUMEN/ WHITE POWDER COAT, CABLE MOUNTING C/W MATCHING CANOPY, SUITABLE FOR OPEN CEILING, 3500K 120V DIMMING DRIVER (0-10V). LINIA MODEL 3G-2PLI-L4-35K-120-DIM-DD2-WH-60-S-8FT OR APPROVED EQUIVALENT 12' LONG LED LINEAR FIXTURE, DIRECT/INDIRECT, 10920 SUSPENDED 3 SHALLOW PROFILE, ACRYLIC LENS C/W 2"DROP, LUMEN (910

SATIN FINISH, EXTRUDED ALUMINUM HOUSING, LUMEN/ WHITE POWDER COAT, CABLE MOUNTING C/W MATCHING CANOPY, SUITABLE FOR OPEN CEILING, 3500K 120V DIMMING DRIVER (0-10V). LINIA MODEL 3G-2PLI-L4-35K-120-DIM-DD2-WH-60-S-12FT OR APPROVED EQUIVALENT

- 4' LONG LED STRIP FIXTURE, SHALLOW PROFILE, 4000 SURFACE FROSTED POLYCARBONATE LENS, STEEL HOUSING, LUMEN SUSPENDED WHITE POWDER COAT, SUITABLE FOR SURFACE 4000K OR SUSPENDED MOUNTING, 120V DIMMING DRIVER. INCLUDE CHAIN MOUNTING KIT FOR SUSPENDED INSTALLATIONS. CREE MODEL LS4-40L-35K-19V OR APPROVED
- EQUIVALENT 8' LONG LED STRIP FIXTURE, SHALLOW PROFILE, 8000 SURFACE FROSTED POLYCARBONATE LENS, STEEL HOUSING, LUMEN SUSPENDED WHITE POWDER COAT, SUITABLE FOR SURFACE 3500K OR SUSPENDED MOUNTING, 120V DIMMING DRIVER. INCLUDE CHAIN MOUNTING KIT FOR SUSPENDED INSTALLATIONS.
- CREE MODEL LS8-80L-35K-19V OR APPROVED EQUIVALENT 4' LONG LED LINEAR FIXTURE, DIRECT, SHALLOW 3500 RECESSED PROFILE, ACRYLIC FLUSH LENS, SATIN FINISH, LUMEN EXTRUDED ALUMINUM HOUSING, WHITE POWDER 3500K COAT, SUITABLE FOR INSTALLATION IN WOOD SLAT OR GWB CEILING, 120V DIMMING DRIVER (0–10V). LINIA MODEL 3G-2RLI-L4-35K-120-DIM
- -GX-FL-S-4FT OR APPROVED EQUIVALENT 8' LONG LED LINEAR FIXTURE, DIRECT, SHALLOW 7000 RECESSED - PROFILE, ACRYLIC FLUSH LENS, SATIN FINISH. LUMEN (870 - EXTRUDED ALUMINUM HOUSING, WHITE POWDER LUMEN/ COAT, SUITABLE FOR INSTALLATION IN WOOD FT) 3500K SLAT OR GWB CEILING, 120V DIMMING DRIVER (0–10V). LINIA MODEL 3G-2RLI-L4-35K-120-DIM-GX-FL-S-8FT OR APPROVED EQUIVALENT 8' X 8' SQUARE LED LINEAR FIXTURE, DIRECT, 3480 RECESSED SHALLOW PROFILE, ACRYLIC FLUSH LENS, SATIN LUMEN FINISH, EXTRUDED ALUMINUM HOUSING, WHITE (870 POWDER COAT, SUITABLE FOR INSTALLATION IN LUMEN/ OR GWB CEILING, 120V DIMMING DRIVER (0-10V). FT) LINIA MODEL 3G-2RLI-L4-35K-120-DIM-GX-FL-S-8FT OR

APPROVED EQUIVALENT

4" DIAMETER, 9" LONG LED CYLINDER FIXTURE, 2500 SUSPENDED ALUMINUM BODY, BLACK FINISH, AIRCRAFT CABLE LUMEN MOUNTING C/W MATCHING CANOPY, SUITABLE FOR INSTALLATION IN GWB OR OPEN CEILING, 120V DRIVER. ARANCIA SILO MODEL P20119-M-LC25N-R42-BK-BK OR APPROVED EQUIVALENT

### FIXTURE SCHEDULE

NOTES:

EQUIVALENT

LED-30C-1000-40K-T3M-120-SPA OR

CONTRACTOR AND FIXTURE SUPPLIER ARE RESPONSIBLE TO PROVIDE ALL PLASTER AND FINISHING FRAMES, MOUNTING HARDWARE, AND ACCESSORIES TO SUIT ARCHITECTURAL CEILING SCHEDULE. FINAL COLOUR SELECTIONS OF FIXTURES SHALL BE CONFIRMED BY ARCHITECT DURING SHOP DRAWING REVIEW.

LIGHT EMITTING DIODES (LED) WITH CURRENT TECHNOLOGY, MINIMUM COLOUR TEMPERATURE OF 3000°K TO 4000°K, A MINIMUM CRI OF 80, A RATED LIFE OF 50,000 TO 70,000 HOURS BASED ON 70% LUMEN DEPRECIATION LEVEL AND HEAT SINKS TO REMOVE HEAT FROM THE BOTTOM OF THE SEMICONDUCTORS.

ALL LIGHT FIXTURE SHALL BE DLC OR ENERGY STAR RATED FOR OWNER'S REBATE ELIGIBILITY.

	OWNER'S REBAIL ELIGIBILITY.		
4.	MANUFACTURER TO NOTE ON SHOP DRAWINGS T DIMMING SWITCHES AND PHOTOCONTROLLERS AR		COMPATIBLE.
TYPE	DESCRIPTION	LAMP8	мтант ф
J1	72"DIAMETER RING LED FIXTURE, ALUMINUM BODY, INTEGRAL SATIN LENS, BLACK FINISH, AIRCRAFT CABLE MOUNTING C/W MATCHING CANOPY, SUITABLE FOR INSTALLATION IN OPEN CEILING, 120V DIMMING DRIVER (0-10V).	15000 LUMEN 3000K	SUSPENDED
	ARANCIA TORO MODEL P94—L—12LF13WH—U—O—C—BK—BK OR APPROVED EQUIVALENT		
J2	96"DIAMETER RING LED CYLINDER FIXTURE, ALUMINUM BODY, INTEGRAL SATIN LENS, BLACK FINISH, AIRCRAFT CABLE MOUNTING C/W MATCHING CANOPY, SUITABLE FOR INSTALLATION IN OPEN CEILING, 120V DIMMING DRIVER (0-10V).	20000 LUMEN 3000K	SUSPENDED
	ARANCIA TORO MODEL P94-L-16LF13WH-U-O-C-BK-BK OR APPROVED EQUIVALENT		
К	36" DIAMETER ROUND LED FIXTURE, ALUMINUM BODY, FLUSH ACRYLIC LENS, STANDARD FINISH TO BE SELECTED BY ARCHITECT, SUITABLE FOR INSTALLATION IN GWB CEILING, 120V DIMMING DRIVER (0-10V).	8000 LUMEN 3500K	SURFACE
	LUMENWERX PCROPD-36-ULO-FH-LED-80-8000-35-UNV OR APPROVED EQUIVALENT 2' LONG LED VANITY WALL FIXTURE, SHALLOW	000	SUDEACE
L1	PROFILE, GLASS SHADE, METAL END CAPS, SUITABLE FOR SURFACE MOUNTING, 120V DIMMING DRIVER, STANDARD FINISH AND COLOUR TO BE SELECTED BY ARCHITECT DURING SHOP DRAWING REVIEW.	900 LUMEN 3000K	SURFACE
	TECH LIGHTING LYNN BATH MODEL 700BCLYNN- 25-YS-LED930 OR APPROVED EQUIVALENT		
L2	4' LONG LED VANITY WALL FIXTURE, SHALLOW PROFILE, GLASS SHADE, METAL END CAPS, SUITABLE FOR SURFACE MOUNTING, 120V DIMMING DRIVER, STANDARD FINISH AND COLOUR TO BE SELECTED BY ARCHITECT DURING SHOP DRAWING REVIEW.	2500 LUMEN 3000K	SURFACE
	TECH LIGHTING LYNN BATH MODEL 700BCLYNN-48-YS-LED930 OR APPROVED EQUIVALENT		
S5	EXTERIOR LED POLE MOUNTED FIXTURE (INCLUDING 16' SQUARE POLE), DIE-CAST ALUMINUM HOUSING WITH COOLING FINS, ONE-PIECE DI-CAST LENS FRAME WITH TOOL-LESS MOUNTING/REMOVAL, FULL CUT OFF, INTEGRAL POWER SUPPLY, EXTRUDED ALUMINUM MOUNTING ARM AND SQUARE POLE, CLEAR POLYCARBONATE LENS, GASKETED, SUITABLE FOR WET LOCATIONS AND LOW AMBIENT TEMPERATURES, 120V DRIVER. STANDARD FINISH COLOUR TO BE SELECTED BY ARCHITECT DURING SHOP DRAWING REVIEW. INCLUDE PHOTOCELL, TIMECLOCK AND MOUNTING ACCESSORIES.	7500 LUMEN 4000K	SURFACE
	LITHONIA D-SERIES SIZE 1 MODEL DSX1		

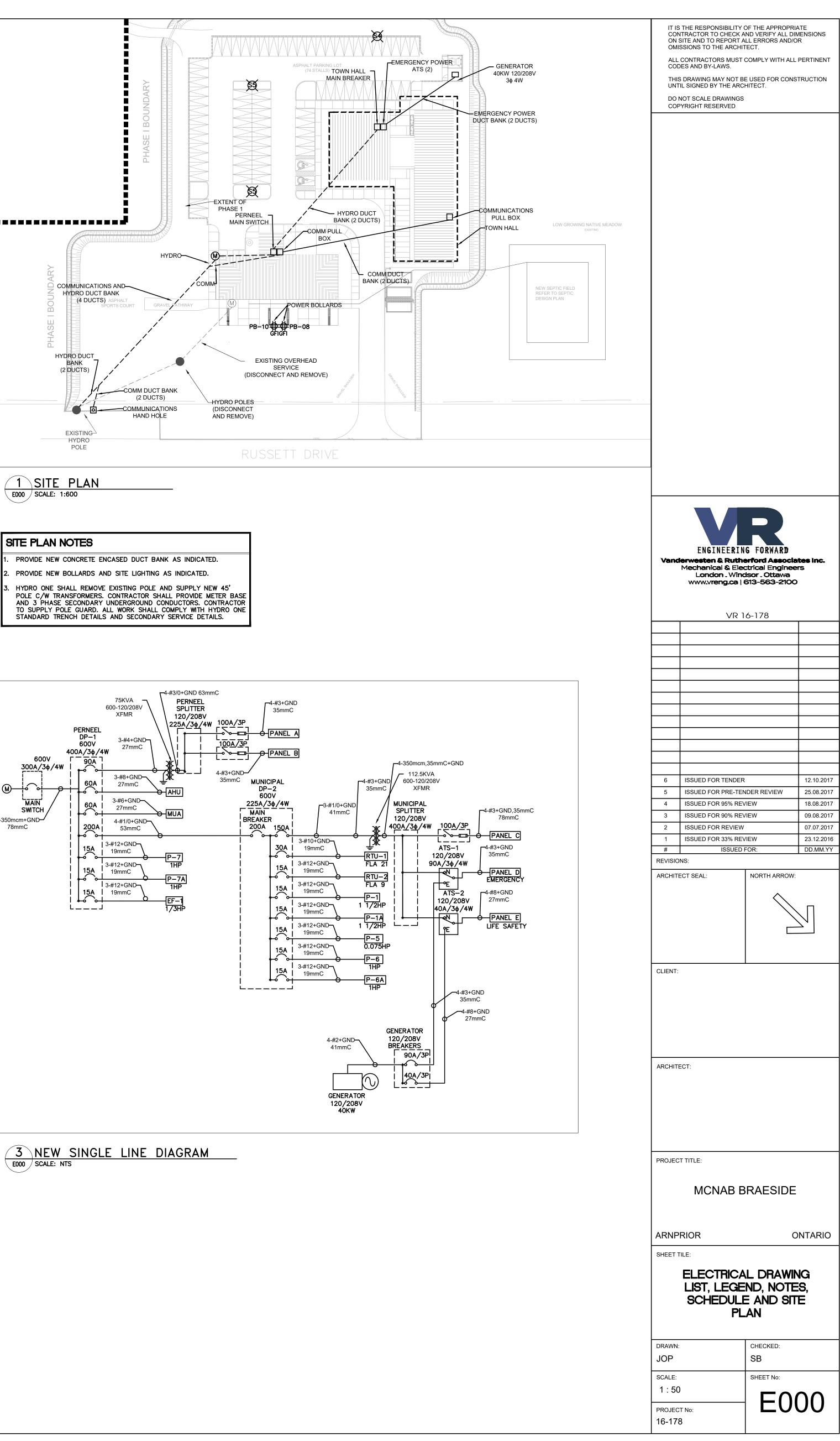
PA			0AMP 'PE N		/208V	3ø	4W	SURFAC	E MTD	
WATTS	FOR	Ρ	AMP	CCT	ССТ	AMP	Ρ	FOR	WATTS	
1400	RM. A105 REC. (7)	1	15	1	2	15	1.	RM.,A103,A101,A100 ,A104,A102,A106,A108 ,A107&VEST.LIGHT	*	
1000	RM. A105 REC. (5)	1	15	3	4	15		RM. A105,A105B LIGHT	*	
1000	RM.A105B,A103 REC.(5)	1	15	5	6	15	1	EXTERIOR LIGHT	*	
800	RM.A103 KIT. REC. (1)	1	15	7	8	15	1	MEN/WOMEN WR. ELEC. W/C&LAV.	300	
800	RM.A103 KIT. REC. (1)	1	15	9	10			8 PERSON MEETING		
800	RM. A101 REC. (4)	1	15	11	12	60	3	RM. HOT WATER HTR.	17500	
600	W/C REC. (3)	1	15	13	14	1				
400	WOMEN WR. ELEC. W/C&LAV.	1	15	15	16			JAN. CLOSET HOT		
300	MEN/UNI WR. ELEC. W/C&LAV.	1	15	17	18	30	3	WATER HTR.	5800	
400	RM. A107 REC. (2)	1	15	19	20					
800	RM. A100 REC (4)	1	15	21	22	15	1	SPARE	*	
400	OPERATOR	1	20	23	24	15	1	SPARE	*	
400	ENT. OUT. DOOR OPERATOR	1	20	25	26	15		SPARE	*	
400	OPERATOR	1	20	27	28	20		OUTSIDE REC. (1)	*	
400	OPERATOR	1	20	29	30	15	1	P-4 RM.A107	*	
*		1	15	31	32	15	2	AC-1 RM.A107	*	
*		1	15	33	34					
*		1	15	35	36	30	2	CU-1 ROOFTOP UNIT	*	
*		1	15	37	38	15	4		*	
*		1 1	15 15	39 41	40 42	15 15	· ·	SPARE	*	
*		1 1	15	41	42	15	-	SPARE SPARE	*	
*		1	15	45	44	15	-	SPARE	*	
	SPARE	1	15	47	48	15	-	SPARE	*	
	SPARE	1	15	49	50	15	-	SPARE	*	
*		1	15	51	52	15		SPARE	*	
*		1	15	53	54	15	-	SPARE	*	

PA			OAMP PE N		/208V	' 3ø -	4W	SURFAC	E MTD
WATTS	FOR	Ρ	AMP	CCT	ССТ	AMP	Ρ	FOR	WATTS
800	RM. B101a,B101b REC. (4)	1	15	1	2	15	1	RM. B101a,B101b,B103, B101,B102,B104 ,B105 ,B106 & CORR. LIGHT	*
600	RM. B101 REC.(3)	1	15	3	4	15	1	RM. B107,B108,B109, B110,B111,B112,B113, B114,B115,B116,B117 LIGHT	*
600	RM. B103 REC.(3)	1	15	5	6				
800	KITCHEN REC.(1)	1	15	7	8	60	3	LUNCH RM. HOT	17500
800	KITCHEN REC.(1)	1	15	9	10			WATER HTR.	
	KITCHEN REC.(1)	1	15	11	12	15	1	SPARE	*
1200	RECEPT. REC.(6)	1		13	14	15		SPARE	*
600	RM. B102 REC.(3)	1	15	15	16	15	1	SPARE	*
400	RM.B104,B105 REC.(2)	1		17	18	15	1	SPARE	*
800	RM.B107,B109 REC.(4)	1		19	20	15	1	SPARE	k
1200	RM.B108,B110,B112 REC.(6)	1	15	21	22	15	1	SPARE	*
1000	RM.B111,B114 REC.(5)	1	15	23	24	15	1	SPARE	*
400	RM.B111 FURN. SYSTEM	1	15	25	26	15	1	SPARE	k
1400	RM.B113,B115,B117 REC.(7)	1	15	27	28	15	1	SPARE	*
800	RM. B116 REC.(4)	1	15	29	30	15	1	SPARE	*
*	SPARE	1	15	31	32	15	1	SPARE	*
*	SPARE	1	15	33	34	15	1	SPARE	*
*	SPARE	1	15	35	36	15	1	SPARE	*
*	SPARE	1	15	37	38	15	1	SPARE	*
	SPARE	1		39	40	15	1	SPARE	*
*	SPARE	1	15	41	42	15	1	SPARE	8

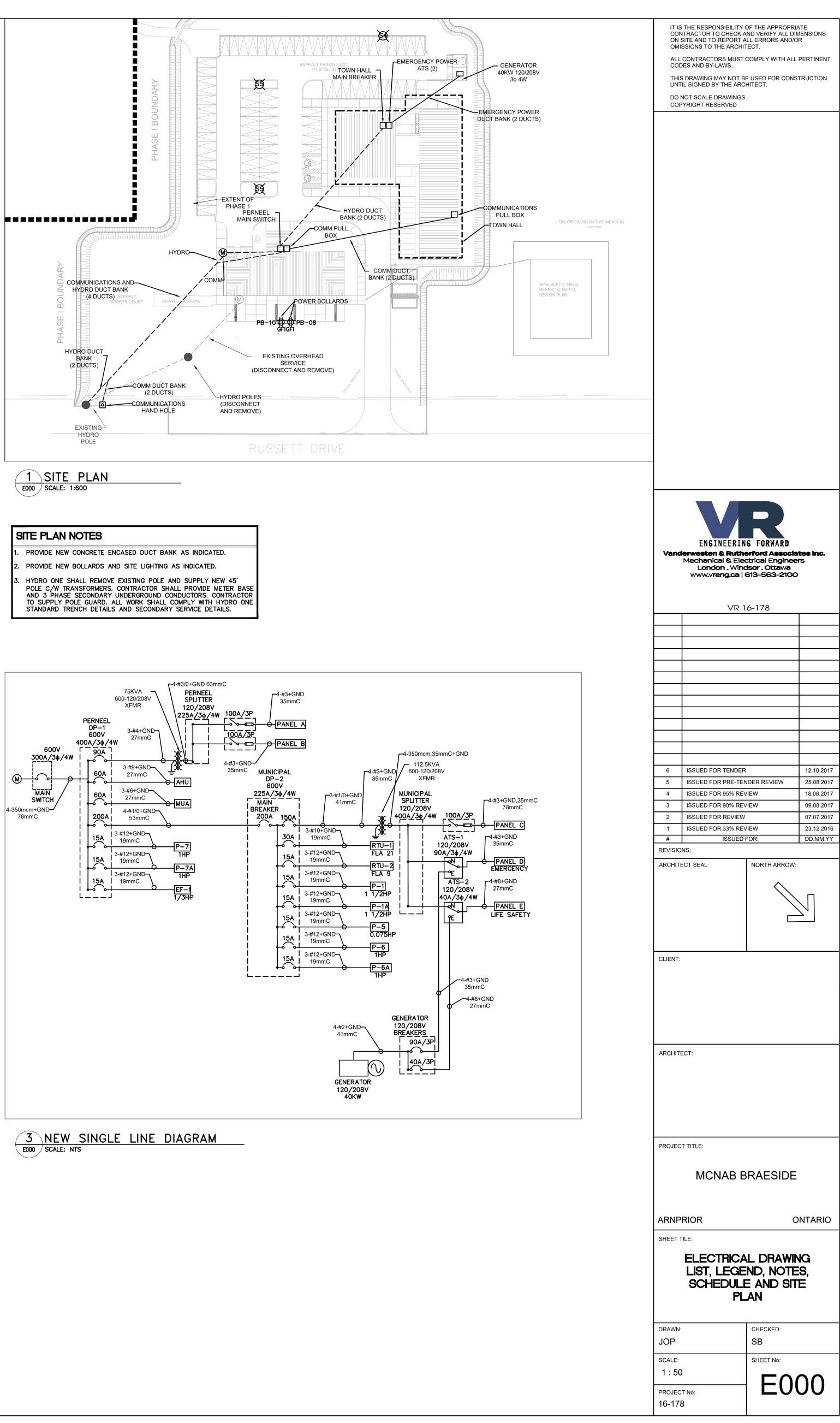
PA	NEL E		AMP PE N		208V	3ø 4	W	SURFA	CE MTD
WATTS	FOR	Ρ	AMP	CCT	CCT	AMP	Ρ	FOR	WATTS
*	SECURITY PANEL	1	15	1	2	15	1	EMERGENCY LIGHT	*
*	F/A ANNUNCIATOR	1	15	3	4	15	1	EXIT LIGHTING	*
*	SPARE	1	15	5	6	15	1	BATTERY PACK	*
*	SPARE	1	15	7	8	15	1	SPARE	*
*	SPARE	1	15	9	10	15	1	SPARE	*
*	SPARE	1	15	11	12	15	1	SPARE	*
*	SPARE	1	15	13	14	15	1	SPARE	*
*	SPARE	1	15	15	16	15	1	SPARE	*
*	SPARE	1	15	17	18	15	1	SPARE	*
*	SPARE	1	15	19	20	15	1	SPARE	*
*	SPARE	1	15	21	22	15	1	SPARE	*
*	SPARE	1	15	23	24	15	1	SPARE	*

EMERGENCY CALL STATION (B-F WASHROOM ONLY CALL ASSISTANCE KIT SUITABLE FOR PUBLIC WASHROOMS, COMPRISING A

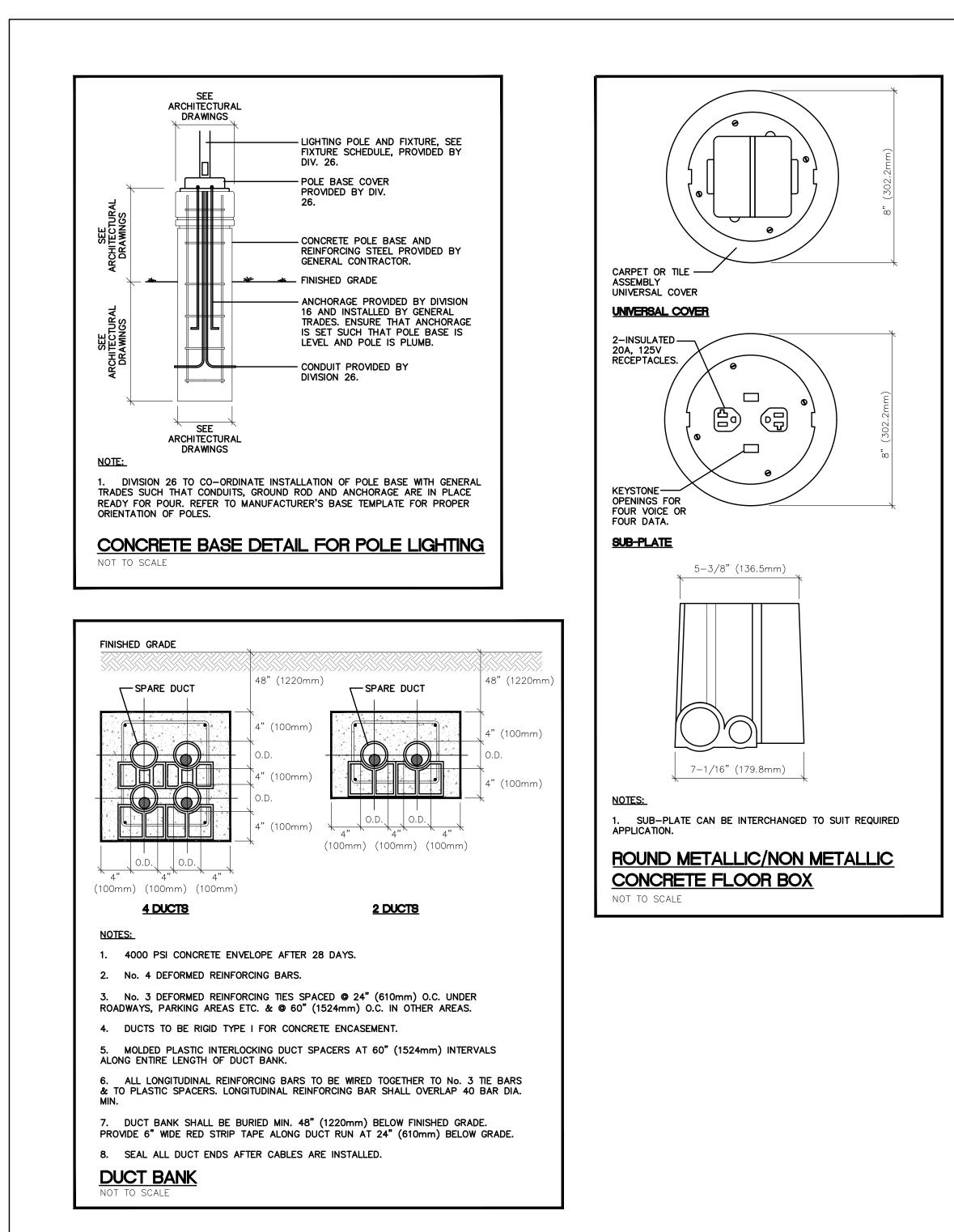
HORN/STROBE FOR AUDIBLE AND VISUAL SIGNALING, AN EMERGENCY PULL CORD STATION FOR ACTIVATION AND A TRANSFORMER FOR AC POWER. AUDIBLE AND VISUAL SIGNAL DEVICE REQUIRED INSIDE AND OUTSIDE WASHROOM. THE CALL FOR ASSISTANCE COMPONENTS SHALL BE EDWARDS CAT NO.6538C-G5 OR EQUIVALENT, INCLUDE HORN STROBE CAT NO.6536-G5, TRANSFORMER CAT NO.591, AND PULL CORD STATION CAT NO. 9504-1001 WITH RESET AT THE CALL INITIATING STATION. INCLUDE ALL NECESSARY BACKBOXES, CONDUIT AND WIRING.

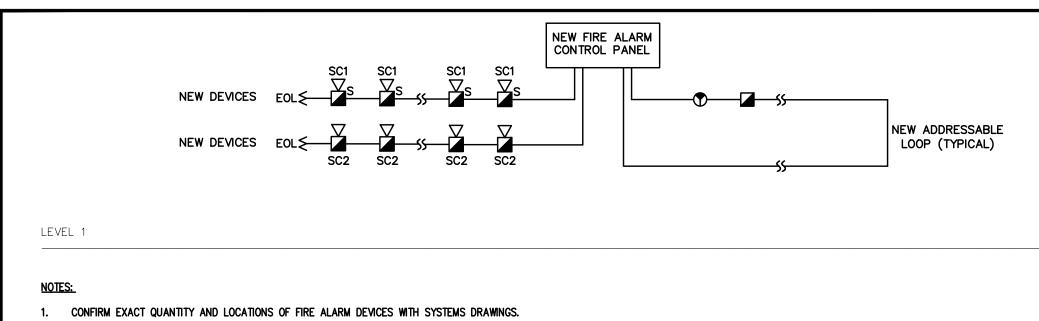


S	ITE PLAN NOTES
1.	PROVIDE NEW CONCRETE ENCAS
2.	PROVIDE NEW BOLLARDS AND S
3.	HYDRO ONE SHALL REMOVE EXI POLE C/W TRANSFORMERS. CON AND 3 PHASE SECONDARY UND TO SUPPLY POLE GUARD. ALL V STANDARD TRENCH DETAILS AN



RNPRIOR	
EET TILE:	
ELECTRICA LIST, LEGE SCHEDULE PL	ND, N
AWN:	CHECKE
)P	SB





2. WIRING AND CONDUIT SIZE TO BE AS PER MANUFACTURER'S RECOMMENDATION.

3. ISOLATION MODULES SHALL BE INSTALLED IN EACH ADDRESSIBLE COMMUNICATION CIRCUIT AS FOLLOWS:

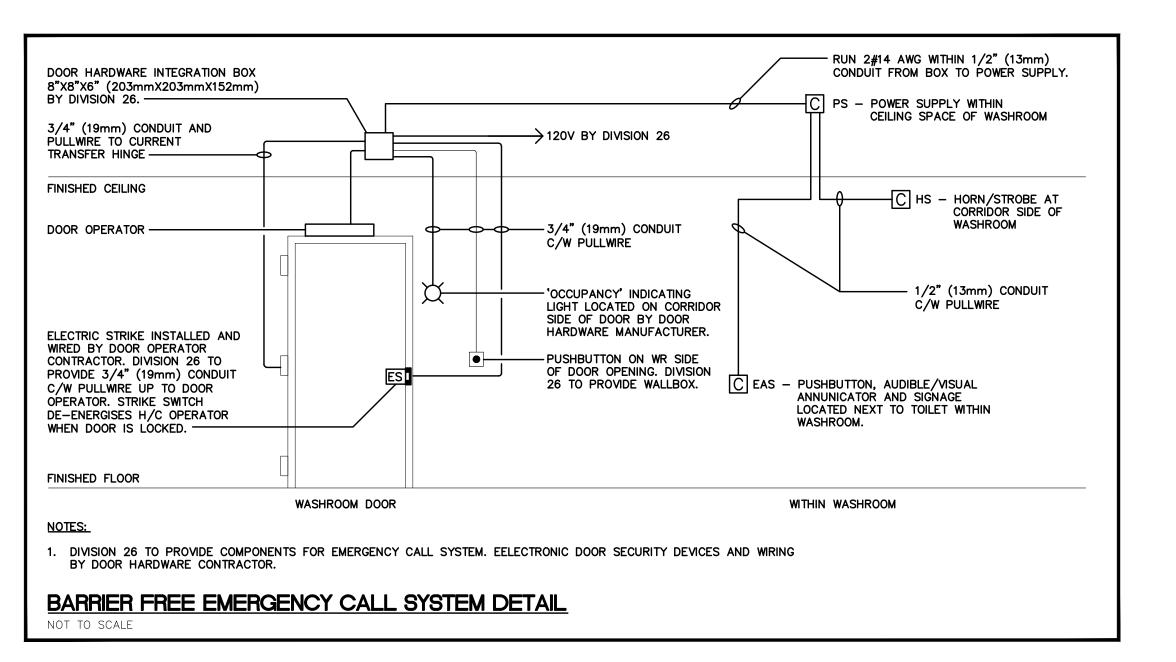
AT START AND END OF LOOP AT FIRE ALARM CONTROL PANEL AT START AND END OF LOOP ON FLOOR SERVED BY CIRCUIT

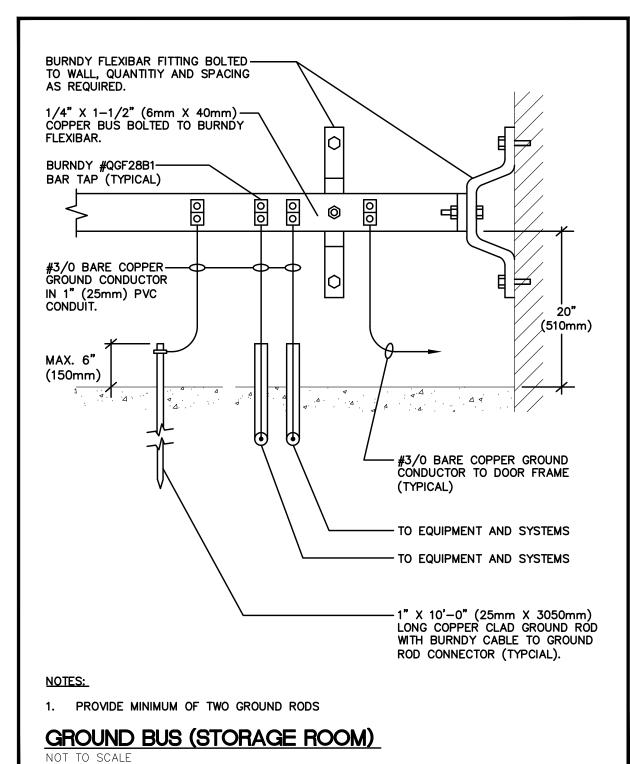
- AT EACH ZONE BOUNDRY ON FLOOR BY CIRCUIT
- EVERY TWENTY-FIVE (25) DEVICES

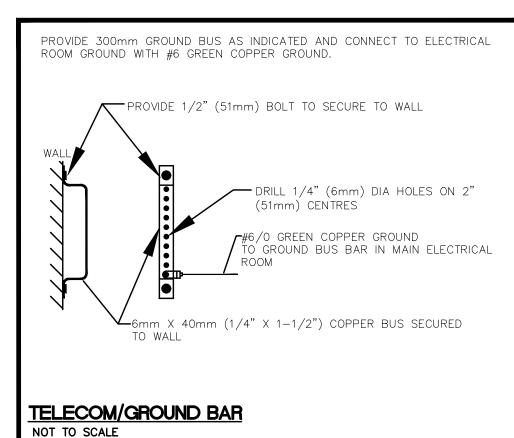
4. PROVIDE GRAPHIC ANNUNCIATOR.

5. ALL DEVICES IN NEW ADDITION TO BE INTELLIGENT, ADDRESSABLE TYPE.

FIRE ALARM RISER DIAGRAM NOT TO SCALE







IT IS THE RESPONSIBILITY OF THE APP CONTRACTOR TO CHECK AND VERIFY ON SITE AND TO REPORT ALL ERRORS OMISSIONS TO THE ARCHITECT.
ALL CONTRACTORS MUST COMPLY WI CODES AND BY-LAWS.
THIS DRAWING MAY NOT BE USED FOF UNTIL SIGNED BY THE ARCHITECT.
DO NOT SCALE DRAWINGS COPYRIGHT RESERVED



	VR 1	6-178
6	ISSUED FOR TENDER	
5	ISSUED FOR PRE-TEN	IDER REVIE
4	ISSUED FOR 95% REV	/IEW
3	ISSUED FOR 90% REV	/IEW
2	ISSUED FOR REVIEW	
1	ISSUED FOR 33% REV	/IEW
#	ISSUED F	FOR:
REVISIO	NS:	
ARCHITE	ECT SEAL:	NORTH AF
CLIENT:		
GLIENT:		

ARCHITECT:
PROJECT TITLE:

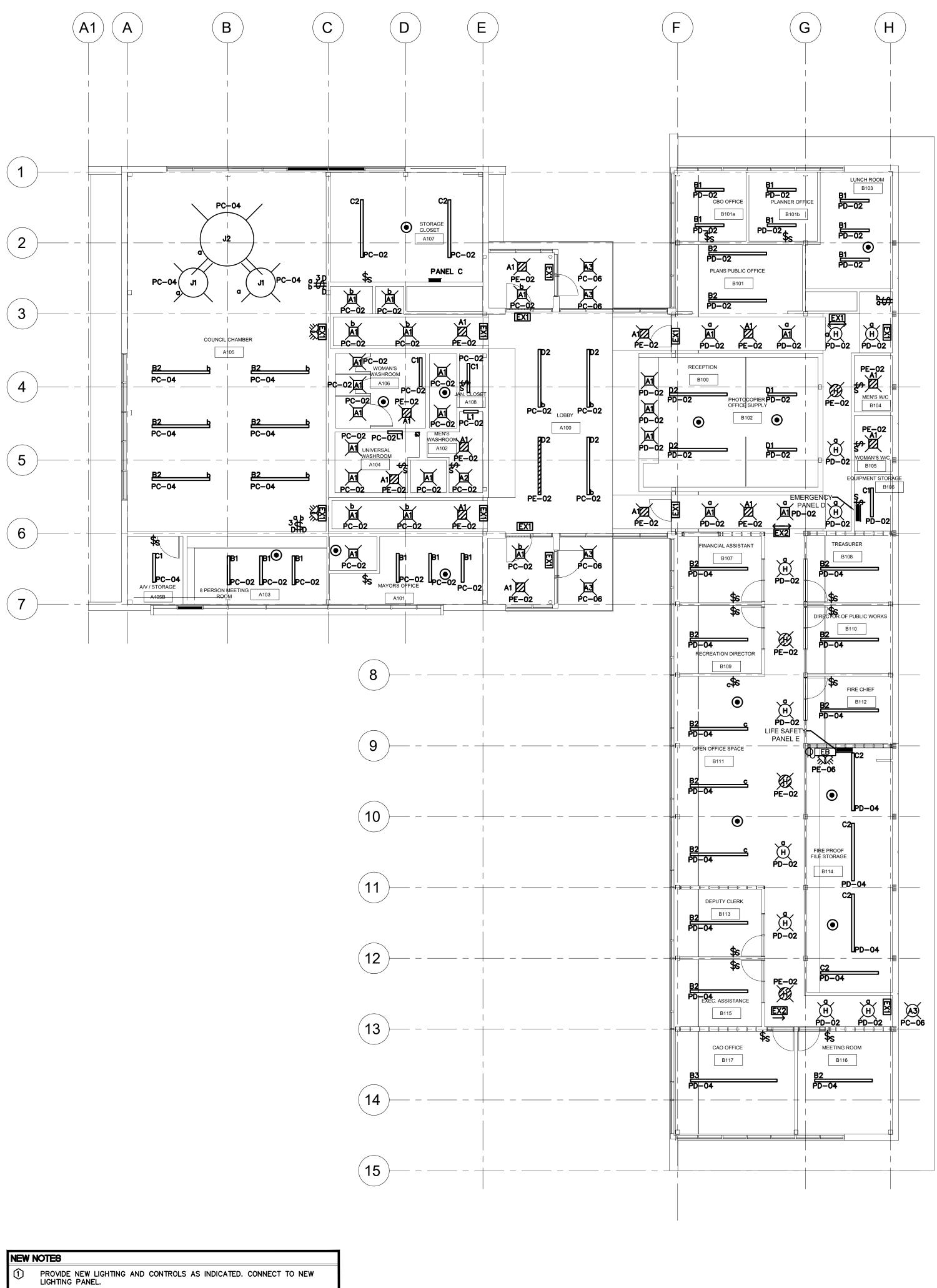
MCNAB BRAESIDE

ARNPRIOR

SHEET TILE: ELECTRICAL DETAILS

RAWN:	CHECKED:
OP	SB
ALE:	SHEET No:
: 50	
ROJECT No:	
6-178	





LIGHTING PANEL. (2) ALL CONDUIT AND WIRING SHALL BE CONCEALED. ROUTE THROUGH EXPOSED STRUCTURE, ALONG BEAMS AND PERLINS WITHIN BULKHEADS OR DROP CEILING. EMT SHALL BE USED IN EXPOSED CEILING AREAS. REFER TO ARCHITECTURAL CEILING PLANS AND DETAILS.

IT IS THE RESPONSIBILITY OF THE APP CONTRACTOR TO CHECK AND VERIFY ON SITE AND TO REPORT ALL ERRORS OMISSIONS TO THE ARCHITECT.
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	VR 1	6-178
6	ISSUED FOR TENDER	
5	ISSUED FOR PRE-TEN	DER REVIE
4	ISSUED FOR 95% REV	/IEW
3	ISSUED FOR 90% REV	/IEW
2	ISSUED FOR REVIEW	
1	ISSUED FOR 33% REV	/IEW
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ARCHITE	ECT SEAL:	NORTH AF

ARCHITECT:

PROJECT TITLE:

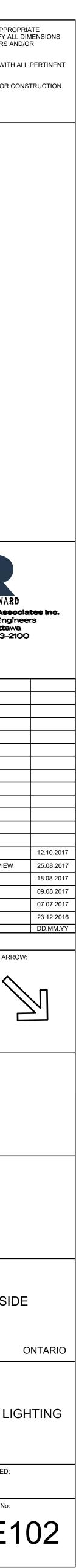
## MCNAB BRAESIDE

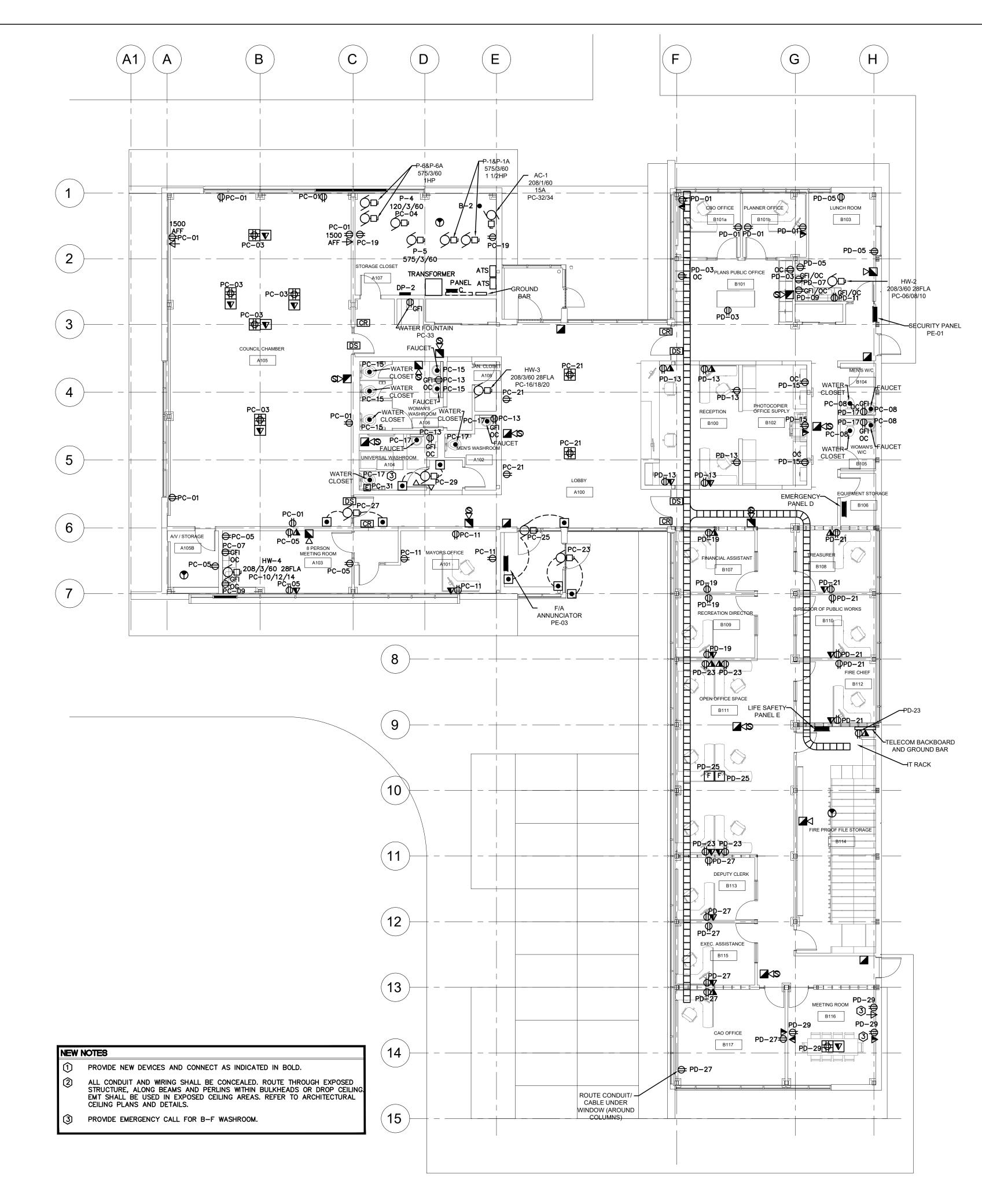
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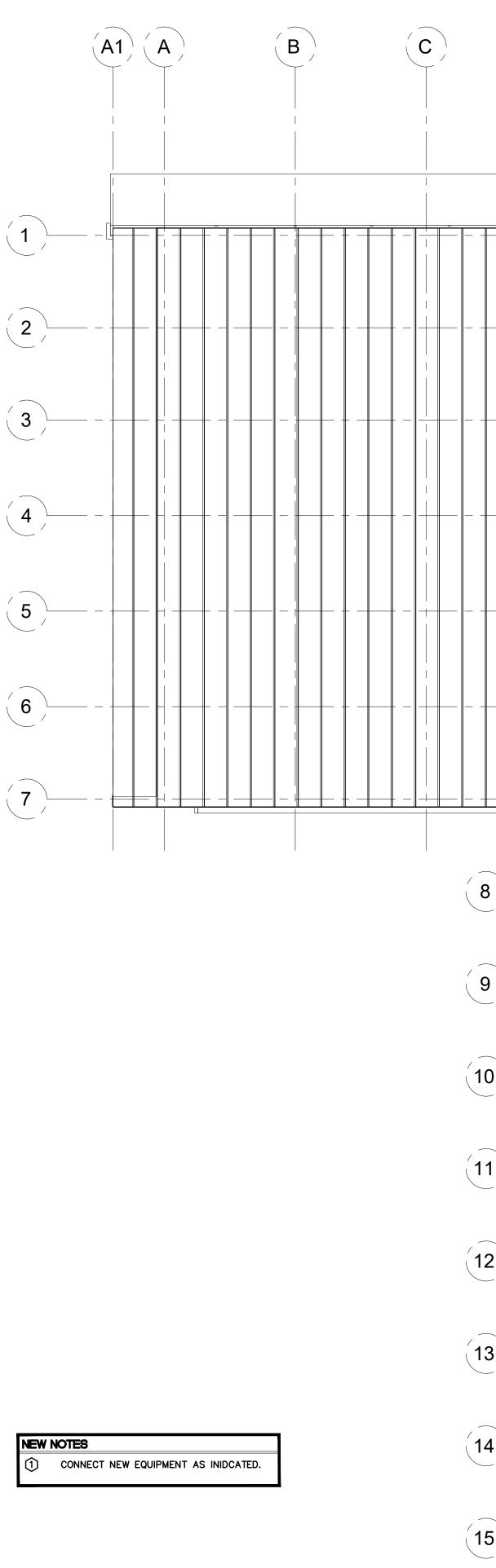
TOWN HALL - NEW LIGHTING PLAN

RAWN:	CHECKED:
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CALE:	SHEET No:
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6-178	





1 FLOOR PLAN E202 SCALE: 1:100



2 ROOF PLAN E202 SCALE: 1:100

	(E)     		(F)	G     	H     	IT IS THE RESPONSIBILITY C CONTRACTOR TO CHECK AI ON SITE AND TO REPORT AI OMISSIONS TO THE ARCHIT ALL CONTRACTORS MUST C CODES AND BY-LAWS. THIS DRAWING MAY NOT BE UNTIL SIGNED BY THE ARCH DO NOT SCALE DRAWINGS COPYRIGHT RESERVED
		CU-1 208V/1/60 JU-208V/1/60 CU-1 208V/1/60 30A PC-36/38 RTU-2 S75/3/60 RTU-1				
		RTU=2 WP 575/3/60 FLA 9 GFIE WP 20A WP 20A RTU-1 WP 575/3/60 FLA 21				
						ENGINEERIN Vanderwesten & Ruthe Mechanical & Elec London . Wind www.vreng.ca   6
9						
0) 1)						6       ISSUED FOR TENDER         5       ISSUED FOR PRE-TEN         4       ISSUED FOR 95% REV         3       ISSUED FOR 90% REV         2       ISSUED FOR REVIEW         1       ISSUED FOR 33% REV         #       ISSUED FOR SUED FOR 33% REV
2						REVISIONS: ARCHITECT SEAL:
<b>4</b>						CLIENT: ARCHITECT:

D ENGINEERING FORWARD derwesten & Rutherford Associates Inc. Mechanical & Electrical Engineers London . Windsor . Ottawa www.vreng.ca | 613-563-2100

VR 16-178

ISSUED FOR TENDER ISSUED FOR PRE-TENDER REVIEW ISSUED FOR 95% REVIEW ISSUED FOR 90% REVIEW ISSUED FOR REVIEW ISSUED FOR 33% REVIEW ISSUED FOR: ECT SEAL: NORTH ARROW:

PROJECT TITLE:

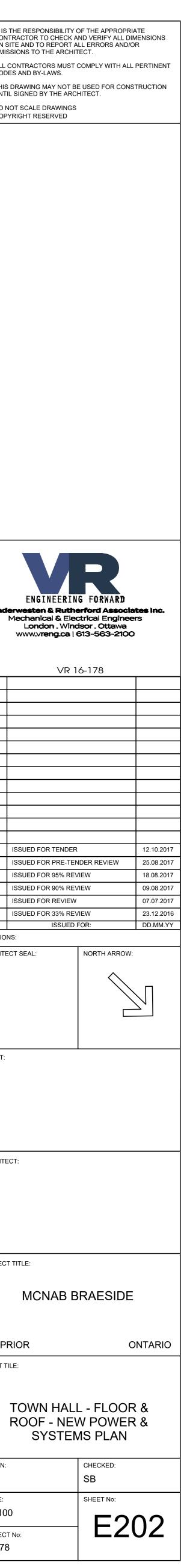
MCNAB BRAESIDE

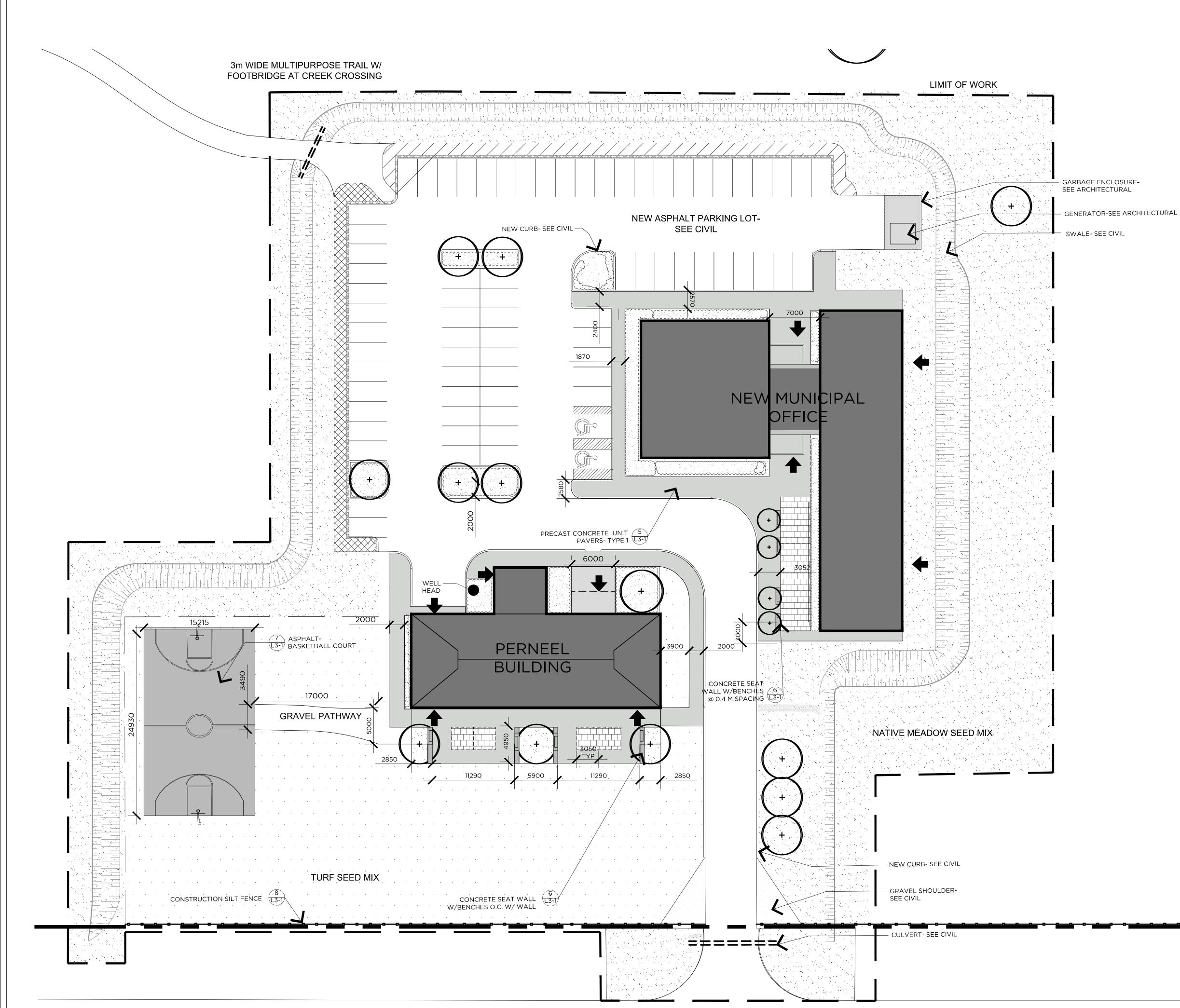
ARNPRIOR

SHEET TILE:

TOWN HALL - FLOOR & ROOF - NEW POWER & SYSTEMS PLAN

DRAWN:	CHECKED
JOP	SB
SCALE:	SHEET No:
1 : 100	
PROJECT No:	
16-178	





RUSSETT DRIVE

# LEGEND PROPERTY LINE LIMIT OF WORK BUILDING ENTRANCE NEW CIP CONCRETE PAVING

نحتحت

STONEDUST SURFACING

NEW UNIT PAVING

**RIVER ROCK** 

NEW TREE PLANTING

NEW SHRUB + PERENNIAL PLANTING

NEW NATIVE MEADOW SEED MIX

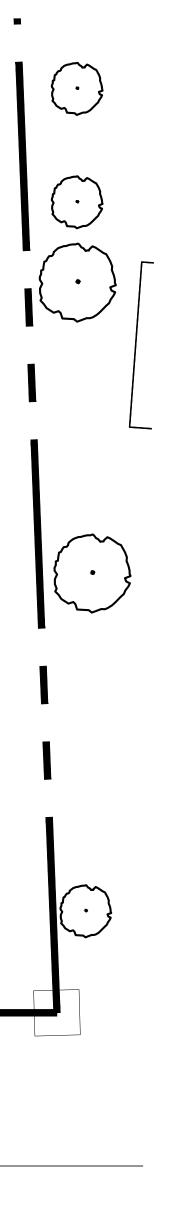
NEW TURF SEED MIX

VEGETATIVE DRAINAGE STRIP

FILTER STRIP

NEW CONCRETE SEAT WALL

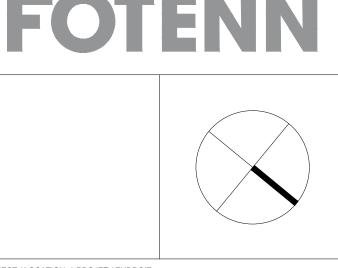
SILT FENCING



GENERAL NOTES

- I. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES, ERRORS AND/OR OMISSIONS TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORK.
- 2. ALL UNDERGROUND UTILITIES TO BE LOCATED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ANY WORK. THE LANDSCAPE ARCHITECT BARES NO RESPONSIBILITY FOR ANY UNKNOWN SUBSURFACE CONDITIONS.
- 3. CONTRACTOR TO COMPLETE LAYOUT TO APPROVAL OF LANDSCAPE ARCHITECT PRIOR TO ANY EXCAVATION.
- 4. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- 5. ALL WORK SHALL BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AND ALL SUPPLEMENTS AND APPLICABLE MUNICIPAL REGULATIONS.
- 6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS AND SPECIFICATIONS.
- 7. ALL GENERAL SITE INFORMATION AND CONDITIONS HAVE BEEN COMPILED FROM EXISTING PLANS, SURVEYS, AERIAL PHOTOS, AND LANDSCAPE ARCHITECT'S FIELD NOTES. SURVEY AND TOPOGRAPHICAL INFORMATION HAS BEEN PROVIDED IN DIGITAL FORMAT FROM PLUS VG ARCHITECTS.
- 8. THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REQUIRES THE PERMISSION OF THE LANDSCAPE ARCHITECT FOR USE. COPYRIGHT IS RESERVED BY THE LANDSCAPE ARCHITECT THAT HAS STAMPED AND SIGNED THE DRAWINGS.
- 9. DRAWING MAY NOT BE USED FOR TENDER UNTIL SIGNED BY THE LANDSCAPE ARCHITECT, AS ISSUED FOR TENDER.
- DRAWING MAY NOT BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE LANDSCAPE ARCHITECT, AS ISSUED FOR CONSTRUCTION. 11. ALL DIMENSIONS IN MILLIMETERS UNLESS
- OTHERWISE NOTED.
- 12. DO NOT SCALE DRAWING.

2017/10/11 2017/07/31 2017/07/20 2017/05/21 FOR TENDER FOR CLIENT REVIEW FOR CLIENT REVIEW FOR CLIENT REVIEW 2017/04/2 FOR CLIENT REVIEW 2017/01/0 FOR CLIENT REVIEW DATE: (Y/M/D (A/M/J MILESTONE / FAIT SAILLANT



# PROJECT / LOCATION / PROJET / ENDROIT MCNAB-BRAESIDE MUNICIPAL OFFICE

2473 RUSSETT DRIVE ARNPRIOR, ONTARIO DRAWING / DESSIN

LANDSCAPE PLAN PHASE I

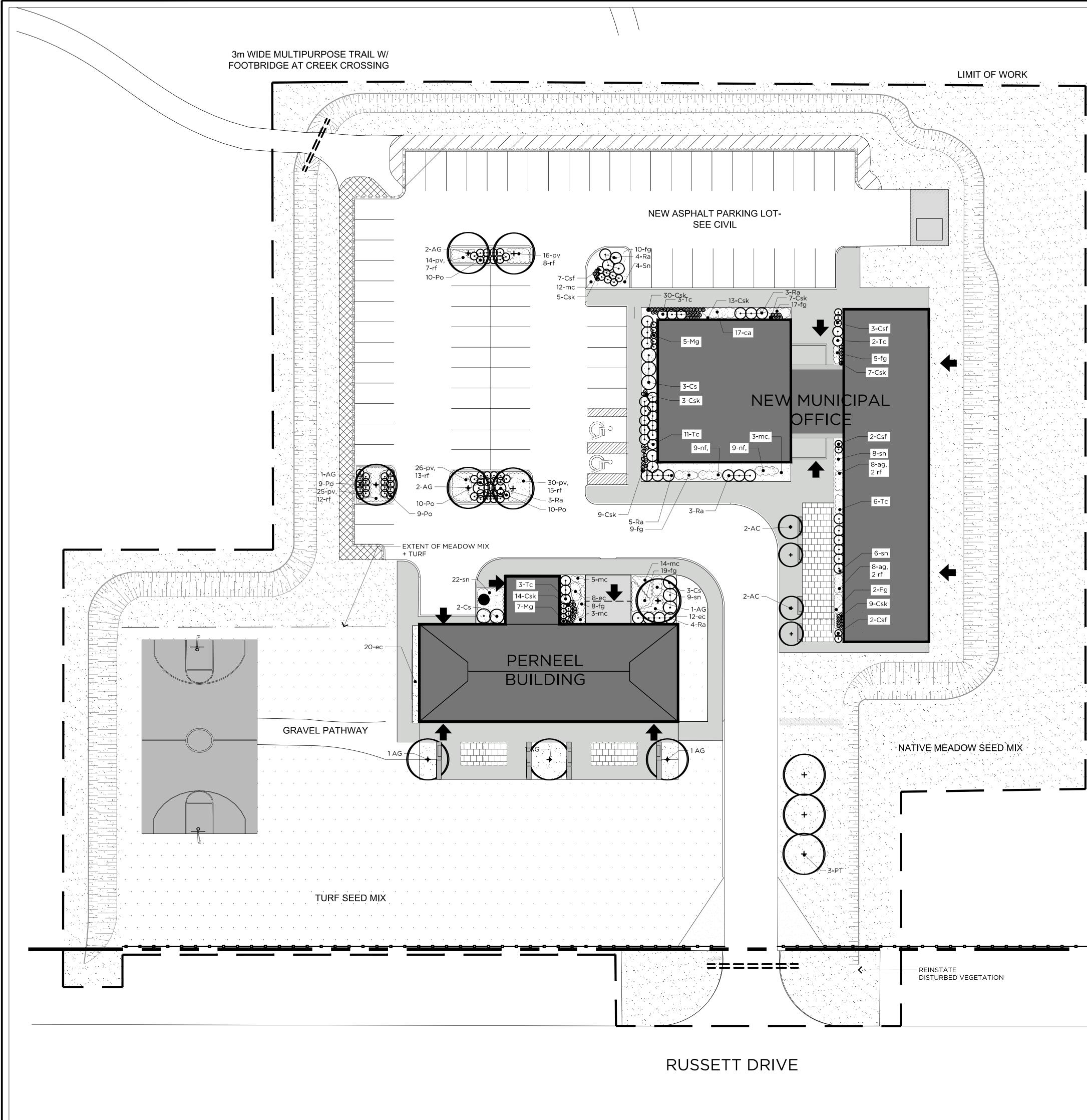
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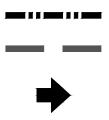
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HECKED BY / VERIFIE PAR

SCALE / ECHELLE



## LEGEND

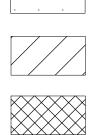












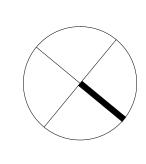
- PROPERTY LINE LIMIT OF WORK
- BUILDING ENTRANCE
- NEW CIP CONCRETE PAVING
- STONEDUST SURFACING
- NEW UNIT PAVING
- **RIVER ROCK**
- NEW TREE PLANTING
- NEW SHRUB + PERENNIAL PLANTING
- NEW NATIVE MEADOW SEED MIX
- NEW TURF SEED MIX
- VEGETATIVE DRAINAGE STRIP
- FILTER STRIP

## **GENERAL NOTES**

- 1. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES, ERRORS AND/OR OMISSIONS TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORK.
- 2. ALL UNDERGROUND UTILITIES TO BE LOCATED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ANY WORK. THE LANDSCAPE ARCHITECT BARES NO RESPONSIBILITY FOR ANY UNKNOWN SUBSURFACE CONDITIONS.
- 3. CONTRACTOR TO COMPLETE LAYOUT TO APPROVAL OF LANDSCAPE ARCHITECT PRIOR TO ANY EXCAVATION.
- 4. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- 5. ALL WORK SHALL BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AND ALL SUPPLEMENTS AND APPLICABLE MUNICIPAL REGULATIONS.
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- 11. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.
- 12. DO NOT SCALE DRAWING.
- PLANTING NOTES
- 1. PLANT SUBSTITUTIONS SHALL NOT BE PERMITTED UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.
- SEE SPECIFICATIONS FOR TOPSOIL DEPTHS. TREES SHALL BE PLANTED A MINIMUM DISTANCE OF 3.0m FROM HYDRO TRANSFORMERS, 2.5m FROM HYDRANTS, 2m FROM WATER STANDPIPES, 1m FROM BELL AND CABLEVISION POSTS.
- 4. TREES ARE TO BE LOCATED A MINIMUM DISTANCE OF 1.5m FROM THE WATER AND SEWER SERVICES AND A MINIMUM DISTANCE OF 0.7m FROM A GAS SERVICE. TREES ARE TO BE LOCATED A MINIMUM DISTANCE
- OF 3.0m FROM A STREETLIGHT. CLEARANCES FROM UTILITY POLES SHALL BE AS PER THE DIRECTION OF THE AFFECTED UTILITY. OBTAIN APPROVAL OF PLANTING PRIOR TO
- INSTALLATION. ALL PLANTING BEDS TO BE MULCHED TO A DEPTH OF MINIMUM 75mm AFTER COMPACTION.

FOR TENDER	2017/10/11
FOR CLIENT REVIEW	2017/07/31
FOR CLIENT REVIEW	2017/07/20
FOR CLIENT REVIEW	2017/05/25
FOR CLIENT REVIEW	2017/04/27
FOR CLIENT REVIEW	2017/01/09
MILESTONE / FAIT SAILLANT	DATE: (Y/M/D) (A/M/J)
	FOR CLIENT REVIEW





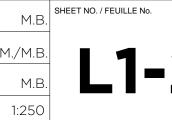
# PROJECT / LOCATION / PROJET / ENDROIT MCNAB-BRAESIDE MUNICIPAL OFFICE

2473 RUSSETT DRIVE ARNPRIOR, ONTARIO

RAWING / DESSIN

# PLANTING PLAN PHASE I

### ESIGNED BY / CONCU PAR RAWN BY / DESSINE PAR RM/M CHECKED BY / VERIFIE PAR SCALE / ECHELLE

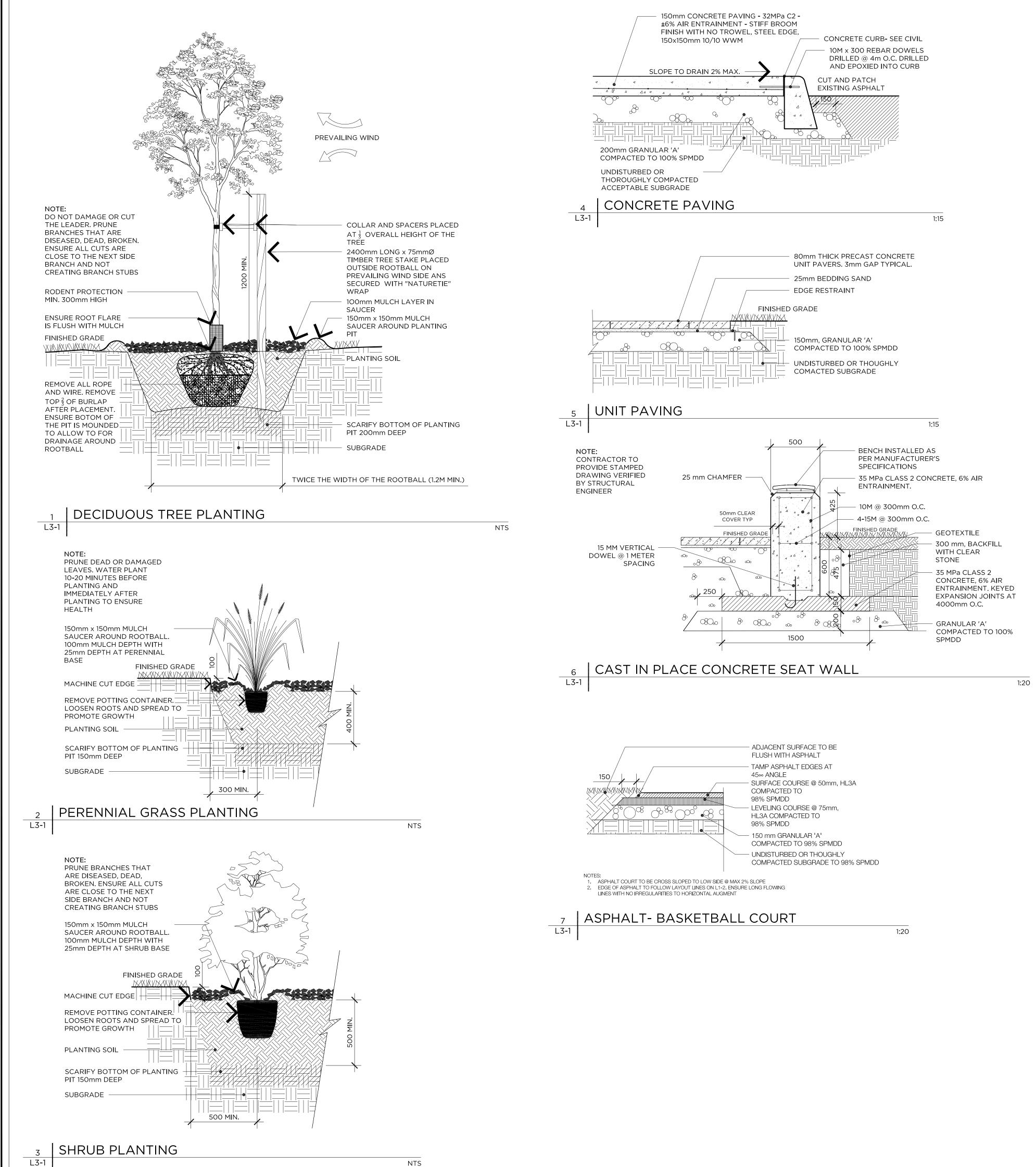


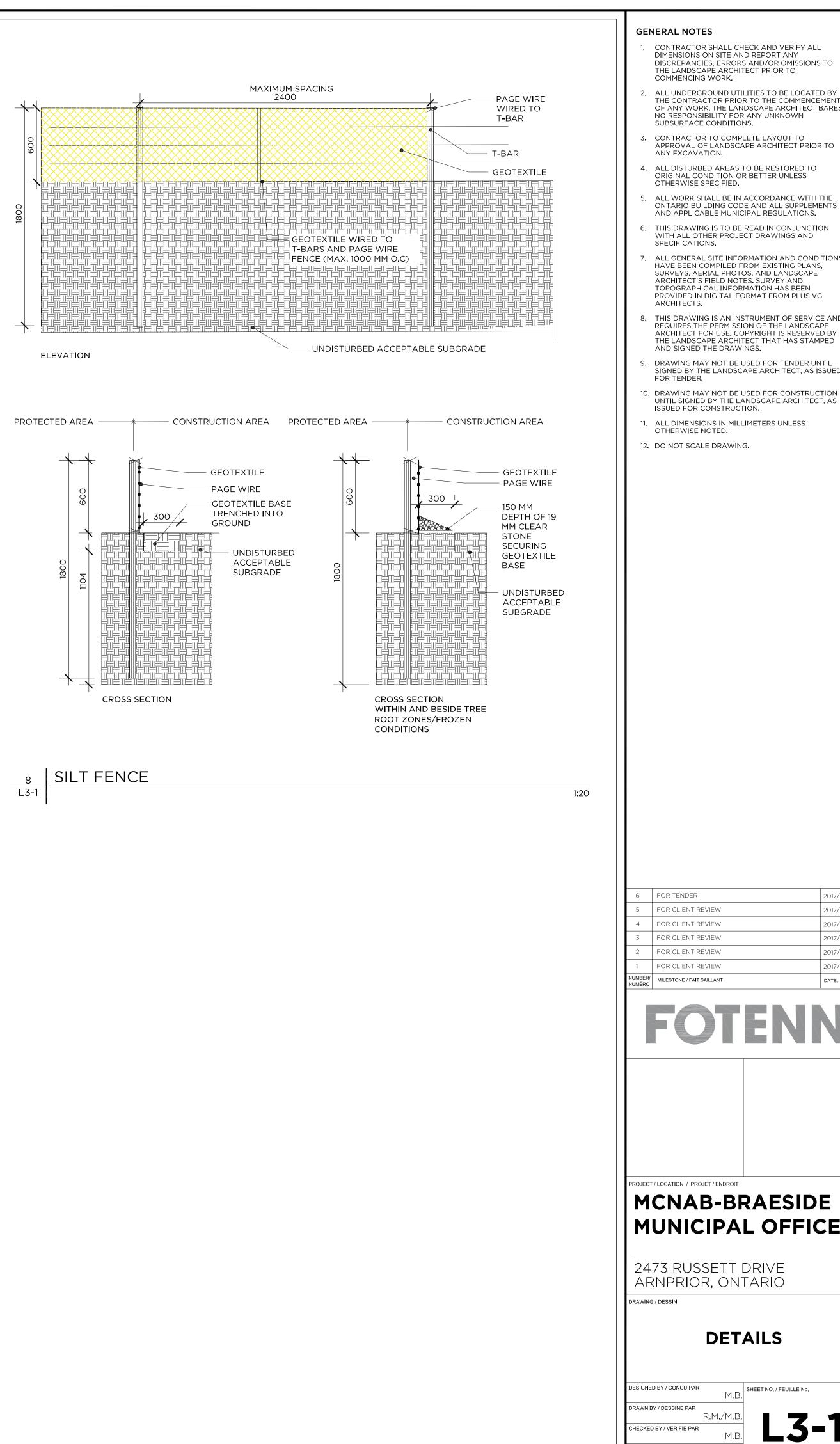


KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
CIDUOUS TI	REES				
AC	4	Amelanchier canadensis	Serviceberry	50mm Ø CAL	W.B.
AG	9	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Serviceberry	70mm Ø CAL	W.B.
AR	2	Acer Rubrum	Red Maple	70mm Ø CAL	W.B.
PT	3	Populus Tremuloides	Trembling Aspen	70mm Ø CAL	W.B.
CIDUOUS S	HRUBS				
Cs	8	Cornus sericea	Red Osier Dogwood	60 cm HT #3 POT	600mm OC
Csf	14	Cornus sericea Artic Fire ('Farrow')	Artic Fire Dogwood	50 cm HT #3 POT	600mm OC
Csk	97	Cornus serica 'Kelsey'	Kelsey Dwarf Dogwood	60 cm HT #3 POT	600mm OC
Mg	12	Myrica Gale	Sweet Gale	40 cm HT #3 POT	600mm OC
Po	48	Physocarpus opulifolius Burgundy Candy	Burgundy Candy Nineback	#2 POT	600 mm OC
Ra	22	Rhus aromatica 'Gro-Low'	Fragrant Sumac	50 cm HT #3 POT	600mm OC
Тс	25	Taxus cuspidata 'Nana'	Dwarf Japanese Yew	30 cm HT #3 POT	600mm OC
RENNIALS					
ec	40	Echinacea purpurea	Purple coneflower	#1 POT	600mm OC
nf	18	Nepeta faassenii 'Purrsian Blue'	Catmint	#1 POT	600mm OC
rf	59	Rudbeckia fulgida 'Goldstrum'	Black-eyed Susan	#1 POT	600mm OC
ASSES					
ag	16	Andropogon gerardii	Big Blue Stem	#1 POT	600mm OC
са	17	Calamagrotis acutiflora 'Avalanche'	Variegated Feather Reed Grass	#2 POT	600mm OC
fg	70	Festuca glauca	Blue Fescue	#1 POT	600mm OC
mc	37	Molinia caerulea	Purple Moor Grass	#1 POT	600mm OC
pv	111	<i>Panicum virgatum</i> Prairie Winds ('Cheyenne Sky')	Cheyenne Sky Switch Grass	#2 POT	600mm OC
sn	49	Sorghastrum nutans 'Indian Steel'	Indian Steel Grass	#1 POT	600mm OC

SEED MIX	
AREA	SEED MIX TYPE
MEADOW GRAS	SS SEED MIX
4954/m²	Meadow Mix
LAWN	
1786/m²	Turf Seed Mix
VAGETATIVE DI	RAINAGE STRIP
130/m²	

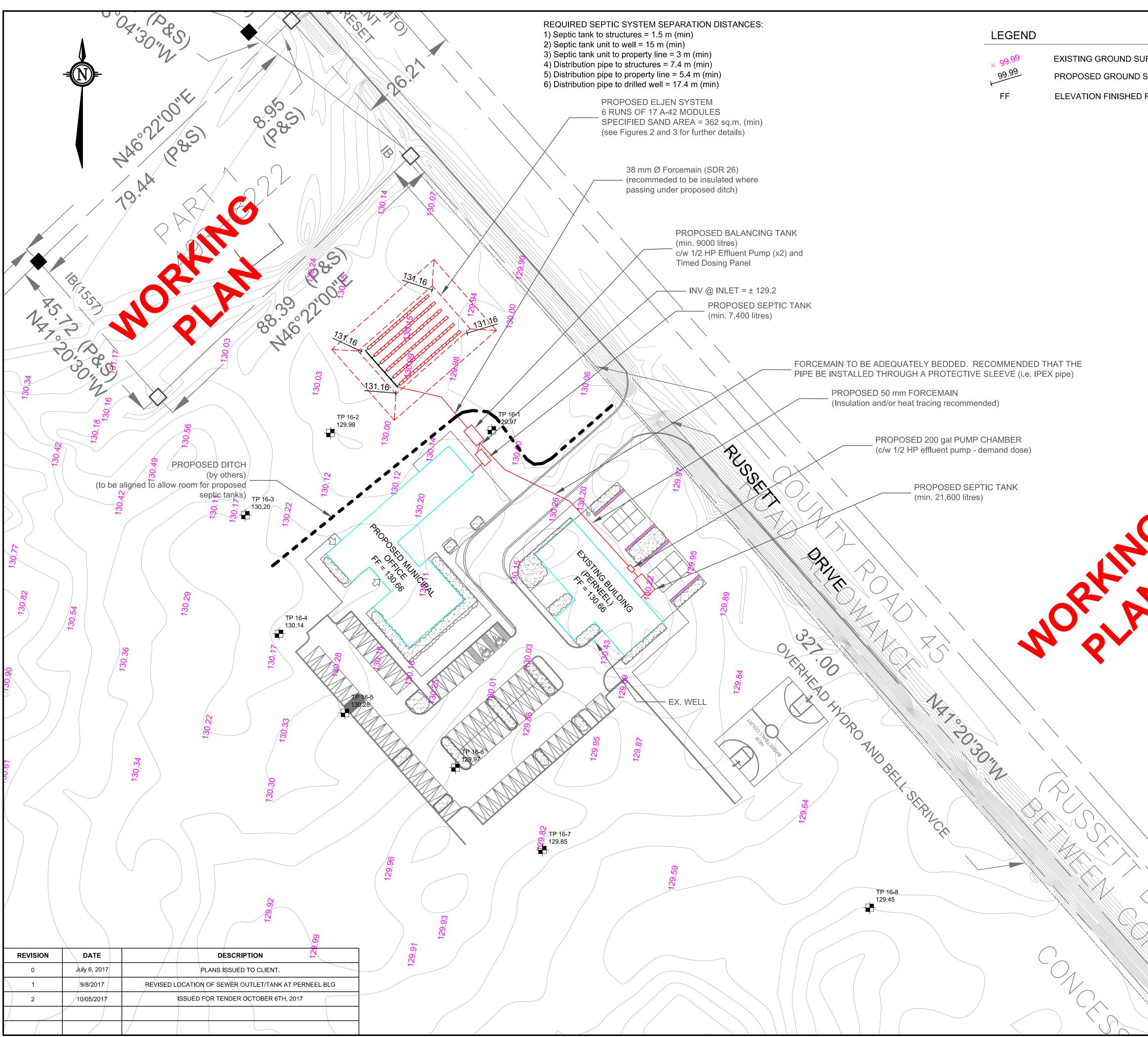
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4.	ANY EXCAVAT ALL DISTURBE ORIGINAL CON	'ION. D AREAS TO IDITION OR B	BE RESTORED TO	
5.	ONTARIO BUIL	ALL BE IN AC DING CODE A	CORDANCE WIT	MENTS
6.	THIS DRAWING	G IS TO BE RE IER PROJECT	AD IN CONJUNC DRAWINGS AND	TION
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DRAWN	BY / DESSINE PAR	. ]		
CHECK	ED BY / VERIFIE PAR	R.M./M.B. M.B.	L1-	.7







COMMENCING WORK. ALL UNDERGROUND UTILITIES TO BE LOCATED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ANY WORK, THE LANDSCAPE ARCHITECT BARES NO RESPONSIBILITY FOR ANY UNKNOWN SUBSURFACE CONDITIONS. 3. CONTRACTOR TO COMPLETE LAYOUT TO APPROVAL OF LANDSCAPE ARCHITECT PRIOR TO ANY EXCAVATION. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED. 5. ALL WORK SHALL BE IN ACCORDANCE WITH THE ONTARIO BUILDING CODE AND ALL SUPPLEMENTS AND APPLICABLE MUNICIPAL REGULATIONS. . THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS AND SPECIFICATIONS. ALL GENERAL SITE INFORMATION AND CONDITIONS HAVE BEEN COMPILED FROM EXISTING PLANS, SURVEYS, AERIAL PHOTOS, AND LANDSCAPE ARCHITECT'S FIELD NOTES. SURVEY AND TOPOGRAPHICAL INFORMATION HAS BEEN PROVIDED IN DIGITAL FORMAT FROM PLUS VG ARCHITECTS. 3. THIS DRAWING IS AN INSTRUMENT OF SERVICE AND REQUIRES THE PERMISSION OF THE LANDSCAPE ARCHITECT FOR USE, COPYRIGHT IS RESERVED BY THE LANDSCAPE ARCHITECT THAT HAS STAMPED AND SIGNED THE DRAWINGS. 9. DRAWING MAY NOT BE USED FOR TENDER UNTIL SIGNED BY THE LANDSCAPE ARCHITECT, AS ISSUED FOR TENDER. 10. DRAWING MAY NOT BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE LANDSCAPE ARCHITECT, AS ISSUED FOR CONSTRUCTION. 11. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED. 12. DO NOT SCALE DRAWING. FOR TENDER 2017/10/1 FOR CLIENT REVIEW 2017/07/ FOR CLIENT REVIEW 2017/07/2 FOR CLIENT REVIEW 2017/05/25 FOR CLIENT REVIEW 2017/04/2 FOR CLIENT REVIEW 2017/01/0 DATE: (Y/M/D) (A/M/J) BER/ MILESTONE / FAIT SAILLANT PROJECT / LOCATION / PROJET / ENDROIT MCNAB-BRAESIDE MUNICIPAL OFFICE 2473 RUSSETT DRIVE ARNPRIOR, ONTARIO RAWING / DESSIN DETAILS ESIGNED BY / CONCU PAR SHEET NO. / FEUILLE No. M.B. AWN BY / DESSINE PAR R.M./M.B. HECKED BY / VERIFIE PAR M.B. CALE / ECHELLE 1:400



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	NOTES
RFACE ELEVATION	1. ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL, AND LOCAL AUTHORITY STANDARDS AND REGULATIONS WHERE APPLICABLE, AND IN ACCORDANCE WITH ACCEPTED INDUSTRY
RFACE ELEVATION, METRES	BEST PRACTICE.
OOR	2. INFORMATION PROVIDED ON THE PLAN IS BASED ON INFORMATION REASONABLY AVAILABLE AND/OR PROVIDED TO HOULE CHEVRIER
	ENGINEERING LTD AT THE TIME OF DESIGN. THE CONTRACTOR/OWNER IS TO VERIFY THE ACCURACY OF THE INFORMATION CONTAINED HEREIN
	REGARDING, BUT NOT LIMITED TO, ELEVATIONS, DIMENSIONS,
	SETBACKS, EASEMENTS, UTILITY LOCATIONS AND DETAILS,ETC., AND REPORT ANY ERRORS OR OMISSIONS TO HOULE CHEVRIER
	<ul><li>ENGINEERING LTD.</li><li>3. THE LOCATION OF ALL OVERHEAD AND UNDERGROUND UTILITIES MAY</li></ul>
	NOT BE DISPLAYED ON THIS PLAN AND, WHERE SHOWN, THEIR POSITIONS MAY NOT BE ACCURATE. IT IS THE RESPONSIBILITY OF THE
	OWNER/CONTRACTOR TO LOCATE SUCH UTILITIES PRIOR TO
	COMMENCING WORKS. HOULE CHEVRIER ENGINEERING LTD. DOES NOT ASSUME LIABILITY FOR DAMAGE TO SERVICES, UTILITIES, AND
	STRUCTURES DURING CONSTRUCTION OPERATIONS.
	4. IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO ENSURE THAT THE PLAN USED FOR CONSTRUCTION IS AN APPROVED AND LATEST
	<ol> <li>VERSION.</li> <li>DIMENSIONS AND ELEVATIONS DISPLAYED ON THIS PLAN ARE IN METRES.</li> </ol>
	THIS IS NOT A PLAN OF SURVEY. THIS PLAN IS NOT TO BE SCALED, ALTERED OR REPRODUCED AND IS INTENDED FOR USE ONLY IN RELATION
	TO THE PROJECT FOR WHICH IT WAS PREPARED.
	6. THIS PLAN SHOULD BE USED IN CONJUNCTION WITH RELEVANT DOCUMENTS, PLANS, AND DETAILS PREPARED BY HOULE CHEVRIER
	ENGINEERING LTD. 7. SOIL AND GROUNDWATER CHARACTERISTICS WERE IDENTIFIED AT TEST
	PIT LOCATIONS ONLY AND MAY VARY BEYOND THE TEST LOCATIONS.
	8. THE APPROVED SEPTIC SYSTEM DESIGN AS PREPARED BY HOULE CHEVRIER ENGINEERING LTD. MEETS ALL ONTARIO BUILDING CODE
	REQUIREMENTS AND MANUFACTURER SPECIFICATIONS IN EFFECT AT THE TIME THE DESIGN WAS PREPARED. HOULE CHEVRIER
	ENGINEERING LTD. DOES NOT WARRANT THE PERFORMANCE OR DURABILITY OF THE PROPOSED SEPTIC SYSTEM AND ITS
	COMPONENTS OR ASSUME LIABILITY FOR ANY DEFECTS OR ADVERSE
	PERFORMANCE CONCERNING THE PROPOSED SEPTIC SYSTEM.
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	0 20 40 60m Houle Chevrier Engineering Ltd. 32 Steacie Drive Ottawa, ON
	0 20 40 60m House Chevrier Engineering Ltd. 32 Steacie Drive Ottawa, ON Tel: (613) 836-1422 www.hceng.ca ottawa@hceng.ca
	0       20       40       60m         Houle Chevrier Engineering Ltd. 32 Steacie Drive Ottawa, ON Tel: (613) 836-1422 WWW.hceng.ca         Client       THEVENTIN GROUP
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	0       20       40       60m         0       20       40       60m         Houle Chevrier Engineering Ltd. 32 Steacie Drive Ottawa, ON Tel: (613) 836-1422 www.hceng.ca ottawa@hceng.ca         Client       THE VENTIN GROUP ARCHITECTS       Project 64496.01         Location       24x3 RUSSETT DR. DWNSHF OF MCNAB/BRAESIDE, ON
	0       20       40       60m         0       20       40       60m         Houle Chevrier Engineering Ltd. 32 Steacie Drive Ottawa, ON Tel: (613) 836-1422 www.hceng.ca ottawa@hceng.ca         Client       THE VENTIN GROUP ARCHITECTS       Project 64496.01         Location       2473 RUSSETT DR. 10WNSHP OF MCNAB/BRAESIDE, ON       Project 64496.01         Drwhh       Chkd by ACH       SEPTIC SYSTEM DESIGN SITE PLAN
	0       20       40       60m         0       20       40       60m         Houle Chevrier Engineering Ltd. 32 Steacie Drive Ottawa, ON Tel: (613) 836-1422 www.hceng.ca ottawa@hceng.ca         Client       THEVENTIN GROUP ARCHITECTS       Project 64496.01         Location       2473 RUSSETT DR. IDWNSHIP OF MCNAB/BRAESIDE, ON       Project 64496.01         Drwnh       Chkd by       SEPTIC SYSTEM DESIGN

— 91.4m [300'] TYP. — 914mm [3'] TYP. 1524mm [5'] TYP. JNDARY

GENERAL NOTES:

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7 5 GHX-2 GHX-2

- 1. THE GROUND HEAT EXCHANGER (GHX) CONSISTS OF 10 HORIZONTAL CIRCUITS. EACH CIRCUIT TO BE 365.8m [1,200'] IN LENGTH AND TO HAVE FOUR PASSES, WITH 32mm [1.25"] HDPE SDR11 PE4710 PIPE FOR A TOTAL OF 3,658m [12,000'] OF PIPING.
- 2. A MINIMUM FLOW RATE OF 0.63 L/S [10 USGPM] AT 137 KPA [46 FT. OF HEAD] AT 10°C [50°F] OF WATER FOR EACH 32mm [1.25"] Ø CIRCUIT IS REQUIRED FOR FLUSHING AND PURGING OF THE GHX BEFORE COMMISSIONING.
- 3. HEAT TRANSFER FLUID TO BE USED IS 25% BY VOLUME PROPYLENE GLYCOL, PREMIXED WITH SUITABLE CORROSION INHIBITORS BY MANUFACTURER. MIXTURE TO HAVE A FREEZE PROTECTION TO -10°C [14°F].
- 4. AVOID SHARP BENDS IN PIPING. MINIMUM BEND RADIUS IS 25 TIMES THE OUTER DIAMETER FOR ANY PIPE CURVATURE. USE ELBOWS FOR ALL SMALLER RADII.
- 5. ALL TRENCHES AND PIPING TO BE A MINIMUM OF 1.5m [5'] FROM PROPERTY LINES AND BUILDING STRUCTURES.
- 8. NO PETROLEUM BASED PRODUCTS ARE TO BE IN CONTACT WITH HDPE PIPE.
- 9. ALL PIPES AND FITTINGS ARE TO BE HDPE PE4710 RESIN.

(GHX-2

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- 10. SOCKET FUSION (NOT GREATER THAN 50mm [2"0]), BUTT FUSION, SIDEWALL SADDLE FUSION OR ELECTROFUSION, AS PER MANUFACTURERS INSTRUCTIONS, ARE THE ONLY ACCEPTABLE METHODS OF
- JOINING HDPE PIPE. 11. FUSIONS ARE TO BE PERFORMED BY ACCREDITED FUSION INSTALLERS.
- 12. ALL INDIVIDUAL CIRCUITS TO BE CAPPED AND PRESSURIZED TO 104 kPg [15 PSIG] USING FUSION WELDED END CAPS ONCE INSTALLED. PIPING MUST MAINTAIN PRESSURE BEFORE BACKFILL OR TYING INTO RUNOUT HEADER. IF CIRCUIT PIPING PRESSURE IS NOT MAINTAINED THROUGHOUT THE ENTIRELY OF THE CONSTRUCTION, CONSULTANT HAS THE RIGHT TO REQUIRE A FLOW TEST FOR ALL CIRCUIT PIPING ON-SITE.
- 13. AFTER TIE IN, ALL PIPING MUST BE PRESSURE TESTED TO 690 kPg [100 psig] (2 TIMES THE WORKING PRESSURE) FOR 48 HOURS. PRESSURE TESTING START AND FINISH PRESSURES AND TIMES TO BE WITNESSED BY CONSULTANT OR DESIGNATED REPRESENTATIVE.

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STORAGE

PERNEEL BUILDING

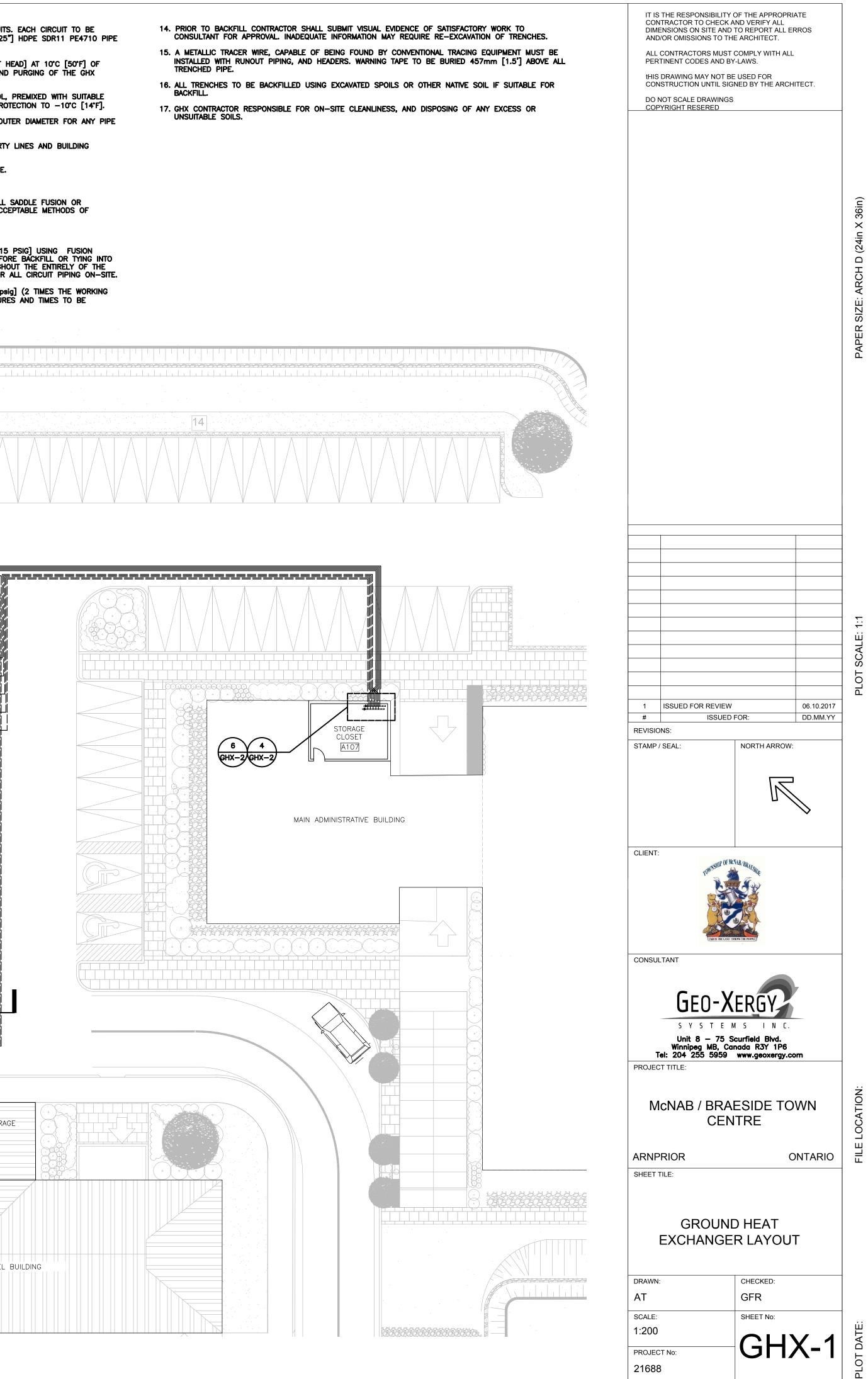
- BACKFILL.

1 GHX LAYOUT Scale: 1:200

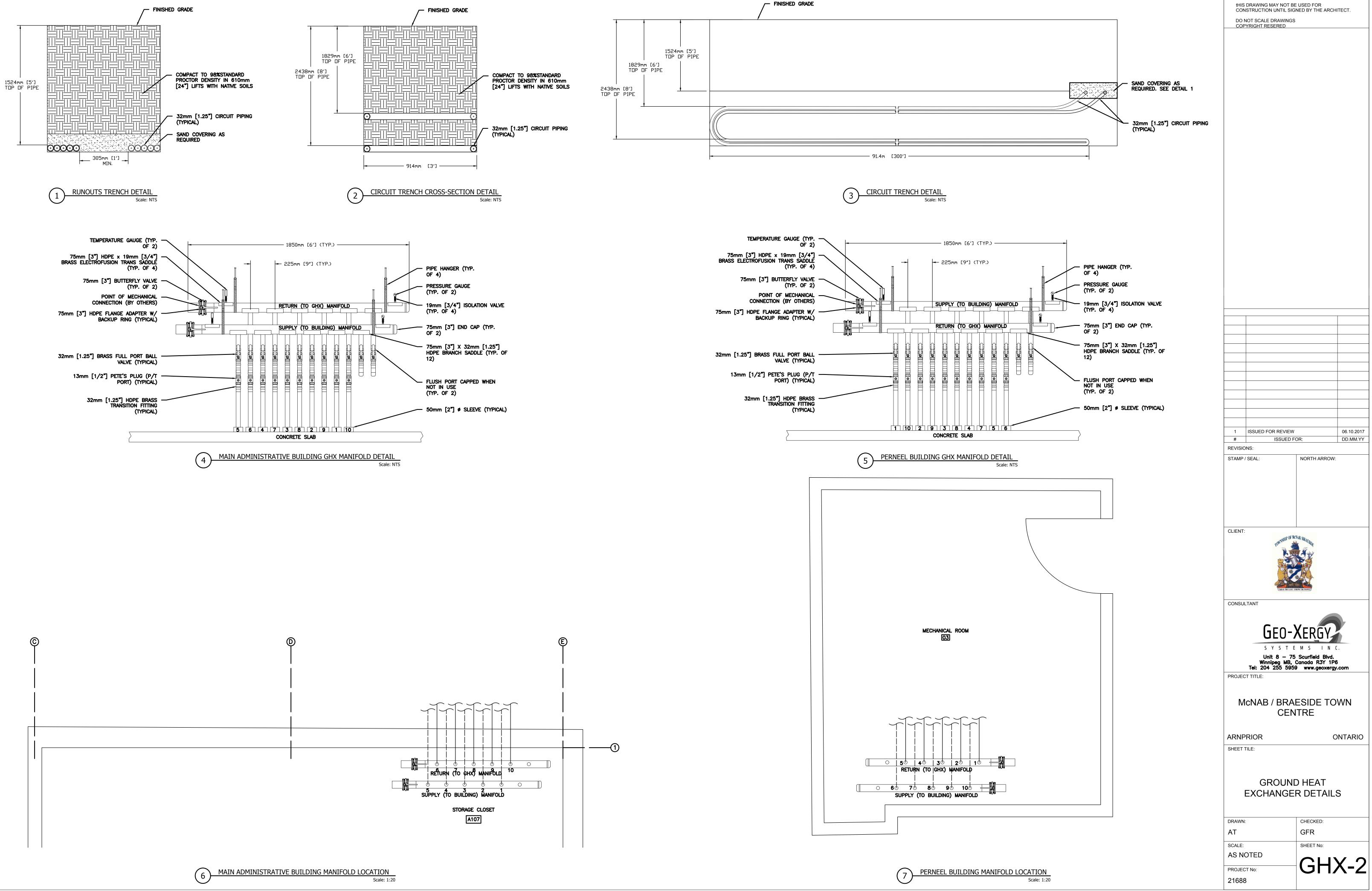
BOUNDAR

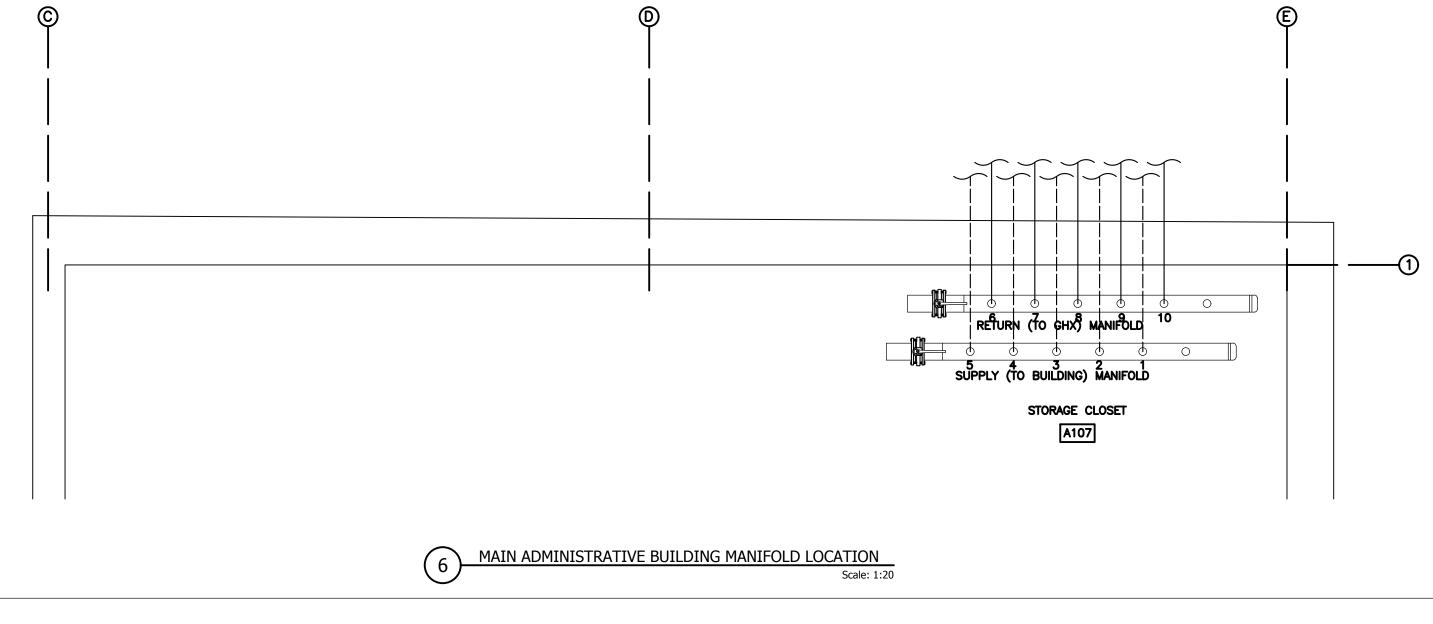
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IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON SITE AND TO REPORT ALL ERROS AND/OR OMISSIONS TO THE ARCHITECT. ALL CONTRACTORS MUST COMPLY WITH ALL PERTINENT CODES AND BY-LAWS. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT.

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