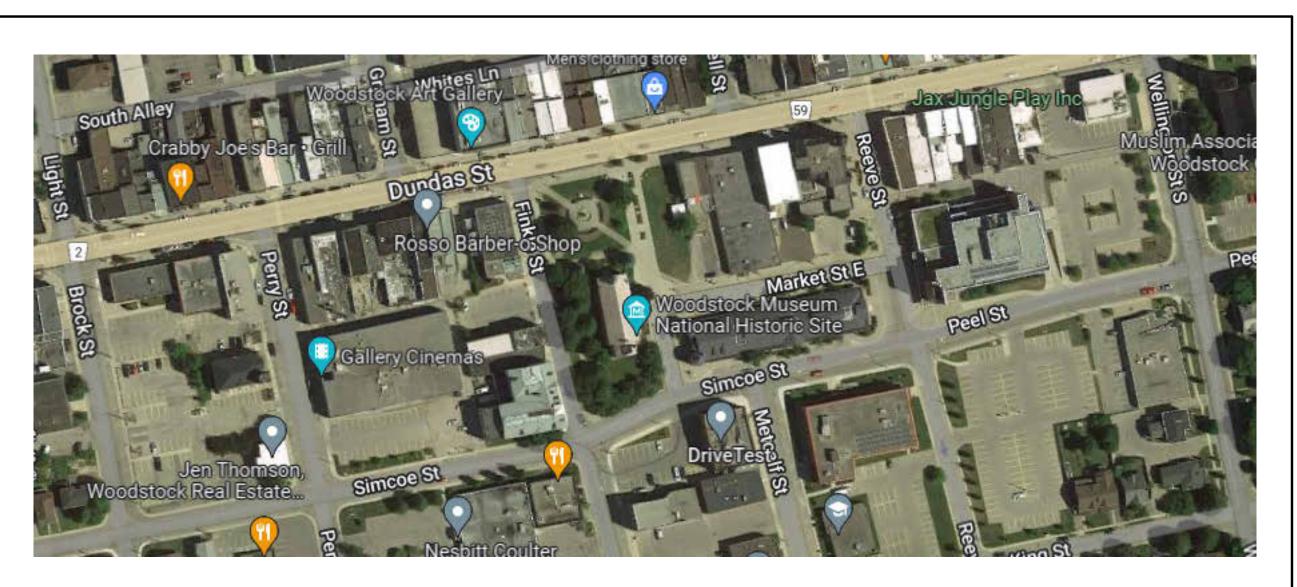
	MARKET BUILDING INTERIOR WOODSTOCK, ONT	RENOVATIO		bck
	FOR THE CITY OF WOODSTO			
GENERAL NOTES - ALL EXIS - PATCH F	S: TING WALLS WILL REQUIRE PATCHING ESPECIALLY WHERE PARTITIONS HAVE BEED PREP AND MAKE GOOD ALL EXISTING WALL SURFACES FOR FINISHING. REFER TO AG REFERS TO FULL LENGTH OF WALL CORNER TO CORNER UNLESS NOTED OTHER	ROOM FINISH SCHEDULE		
	 W101 EXISTING EXTERIOR WALL - REFER TO STRUCTURAL DRAWINGS EXISTING BRICK CONSTRUCTION 2x4 WOOD STUDS @ 24" o/c 3 1/2" (R-12) BATT INSULATION 6 mil POLY. VAPOUR BARRIER 1/2" GYPSUM 		W102 •	EXISTING CONCRETE 12'' BLOCK WALL
	 P101 INTERIOR WALL 5/8" GYSPUM BOARD 3 5/8" 25ga STEEL STUDS @ 16" o/c SOUND ATTN. MINERAL WOOL BATT INSULATION WHERE SHOWN 7/8" RESILIENT CHANNEL @ 16" o/c 5/8" GYPSUM BOARD 		P105 • •	ELEVATOR WALL 5/8" GYPSUM BOARD 7/8" VERTICAL METAL FURRING 8" CONCRETE MASONRY UNIT
	 P102 INTERIOR WALL 5/8" GYSPUM BOARD 3 5/8" 25ga STEEL STUDS @ 16" o/c SOUND ATTN. MINERAL WOOL BATT INSULATION WHERE SHOWN 5/8" GYPSUM BOARD 		P106 • •	INTERIOR WALL 5/8" GYSPUM BOARD 6" 25ga STEEL STUDS @ 16" o/c SOUND ATTN. MINERAL WOOL 5/8" GYPSUM BOARD
	 P103 FURRING WALL 5/8" GYPSUM BOARD 7/8" VERTICAL METAL FURRING CHANNEL @ 16" o/c 		P107 • •	INTERIOR WALL 1/4" TILE 1/2" TILE BACKER BOARD 3 5/8" STEEL STUDS @ 16" o/c
	 P104 FURRING WALL 5/8" TYPE 'X' GYPSUM BOARD 3 5/8" 25ga STEEL STUDS @ 16" o/c 		P107a • •	INTERIOR WALL 1/4" TILE 1/2" TILE BACKER BOARD 3 5/8" STEEL STUDS @ 16" o/c 7/8" VERTICAL METAL FURRING

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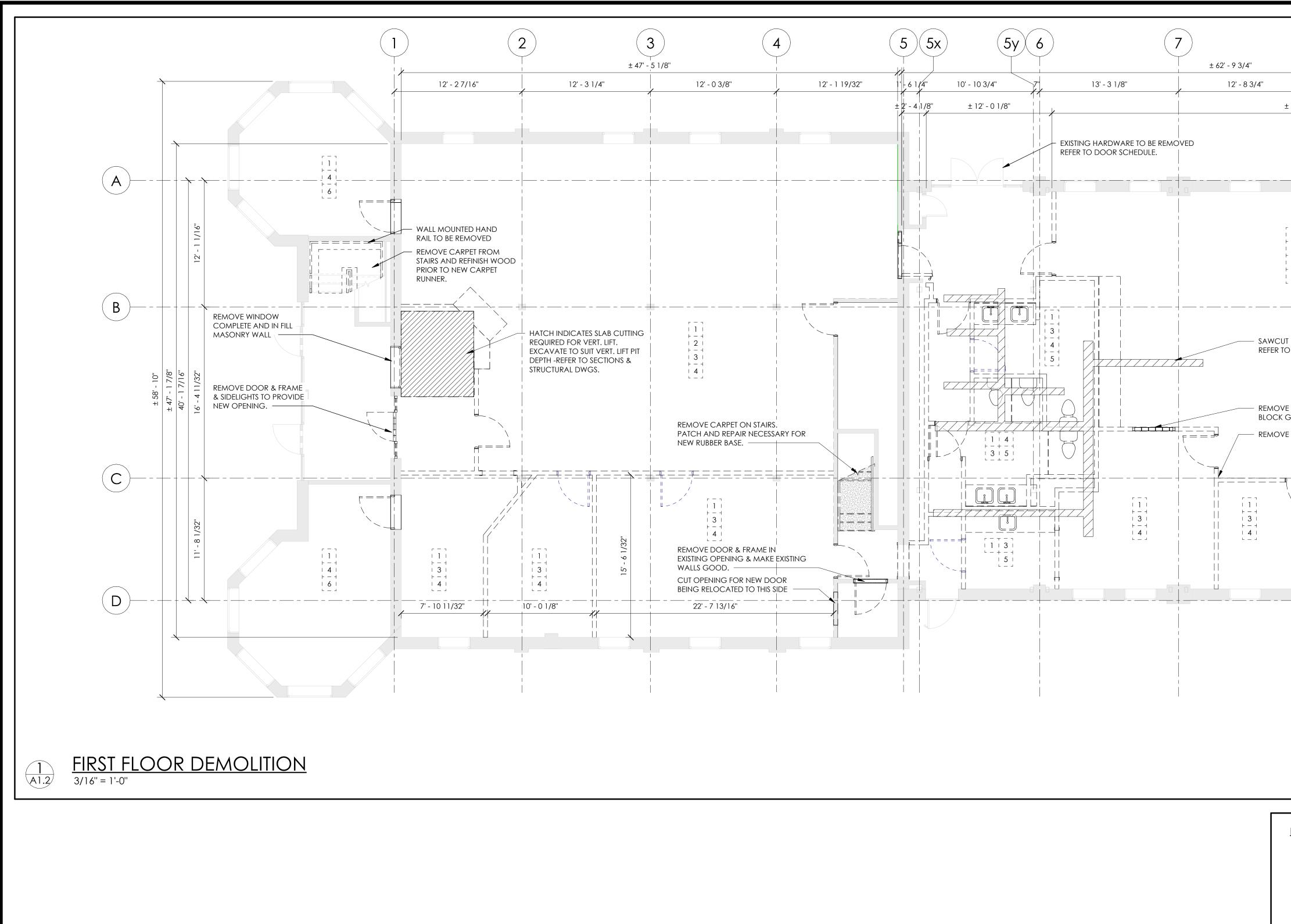
A1.1	LOCATION PLAN, GENERAL NOTES, &
	LEGEND
A1.2	FIRST FLOOR DEMOLITION
A1.3	SECOND FLOOR DEMOLITION
A1.4	FIRST FLOOR REFLECTED CEILING PLAN DEMOLITION
A1.5	SECOND FLOOR REFLECTED CEILING PLAN DEMOLITION
A2.1	FIRST FLOOR PLAN
A2.2	SECOND FLOOR PLAN & ENLARGED WASHROOM PLAN
A2.3	FIRST FLOOR REFLECTED CEILING PLAN
A2.4	SECOND FLOOR REFLECTED CEILING PLAN
A2.5	ENLARGED UNIVERSAL WASHROOM & ELEVATIONS
A2.6	ENLARGED WASHROOM DETAILS & ELEVATIONS
A3.1	INTERIOR FINISH SCHEDULE, PLANS AND DETAILS
A3.2	SECOND FLOOR PLAN FINISHES
A3.3	DOOR SCHEDULE & ELEVATIONS
A4.1	LOBBY ELEVATIONS
A4.2	OPEN SPACE ELEVATION
A4.3	FIRST FLOOR CABINET ELEVATIONS & SECTIONS
A4.4	SECOND FLOOR CABINET ELEVATIONS & SECTIONS
A5.1	STAIR ELEVATION AND DETAILS
A6.1	ACCENT WALL DETAILS
A6.2	ACCENT WALL DETAILS
A7.1	FIRST FLOOR PAINT COLOURS PLAN
A7.2	SECOND FLOOR PAINT COLOURS PLAN
A7.3	RENDERS



LOCATION PLAN SCALE: NTS

				<u>Ontario Building Code Ma</u>	<u>trix</u>
			No.	ITEM:	OBC REFERENCE
CRETE LL		P108 INTERIOR WALL • 1/4" TILE • 1/2" TILE BACKER BOARD	1	PROJECT DESCRIPTION : Indextor New PART 11 BUILDING ENVELOPE RETROFIT Indextor Addition Addition Indextor CHANGE OF USE ALTERATION	□ PART 3 □ PART 9 2.1.1 9.10.1.3
		 3 5/8" STEEL STUDS @ 16" o/c SOUND ATTN. MINERAL WOOL BATT INSULATION WHERE SHOWN 	2	MAJOR OCCUPANCY(S): D - BUSINESS AND PERSONAL SERVICES	3.1.2.1(1) 9.10.2.1.
		1/2" TILE BACKER BOARD	3	BUILDING AREA(m ²): EXIST: 1,558 NEW: TOTAL: 1,558	1.4 1.4
		• 1/4" TILE	4	GROSS AREA(m ²): EXIST: 2,221 NEW: TOTAL: 2,221	1.4 1.1.3.2
			5	NUMBER OF STOREYS: ABOVE GRADE: 2 BELOW GRADE:	3.2.1.1. 1.4.1.2.[A]
	×		6	HEIGHT OF BUILDING (m): 6.7	2.1.1.3
			7	NUMBER OF STREETS/ACCESS ROUTES: 3	3.2.2.10
LL		P109 INTERIOR WALL	8	BUILDING CLASSIFICATION: EXISTING NON CONFIRMING	3.2.2.25 9.10.4
oOARD METAL FURRING CHANNEL @ 16'' o/c MASONRY UNIT		 1/4" TILE 1/2" TILE BACKER BOARD 3 5/8" STEEL STUDS @ 16" o/c SOUND ATTN. MINERAL WOOL BATT INSULATION WHERE SHOWN 5/8" GYPSUM BOARD 	9	SPRINKLER SYSTEM PROPOSED: BASEMENT ONLY IN LIEU OF ROOF RATING NOT REQUIRED	3.2.2.10 9.10.8
			10	STANDPIPE REQUIRED: □ YES ■ NO	3.2.9
			11	FIRE ALARM REQUIRED: □ YES ■ NO	3.2.4 9.10.7.2
			12	WATER SERVICE/SUPPLY ADEQUATE: ■ YES □ NO	
			13	HIGH BUILDING: □ YES ■ NO	3.2.6
OARD TUDS @ 16" o/c		P110 INTERIOR WALL	14	PERMITTED CONSTRUCTION:■COMB. OR BOTH□NO-COMB.ACTUAL CONSTRUCTION:■COMB. OR BOTH□NO-COMB.	3.2.2.20-62 9.10.6
MINERAL WOOL BATT INSULATION WHERE SHOWN	 5/8" GYSPUM BOARD 6" 25ga STEEL STUDS @ 16" o/c SOUND ATTN. MINERAL WOOL BATT INSULATION WHERE SHOWN 1/2" TILE BACKER BOARD 1/4" TILE 	• 6" 25ga STEEL STUDS @ 16" o/c	15	MEZZANINE AREA(m ²): N/A	9.10.4.1
		16	OCCUPANT LOAD: □ m² /PERSON ■ DESIGN OF BUILDING OFFICE OCCUPANCY: LOAD: _50 PERSONS	3.2.2. 9.9.1.3	
			17	BARRIER FREE DESIGN: ■ YES □ NO	3.8 9.5.2
			18	HAZARDOUS SUBSTANCES: □ YES ■ NO	3.3.1.2 9.9.1.3
ER BOARD JDS @ 16'' o/c			19	REQUIRED HORIZONTAL ASSEMBLIES LISTED DESIGN No. FLOORS: 75 HOURS REQUIRED ROOF: N/A HOURS RESISTANCE MEZZANINE: N/A HOURS RATING FLOORS: 75 HOURS IFLOORS: 75 HOURS HEZZANINE: ROOF:	3.2.2.20-38 3.2.1.4 EXISTING FIRE SEPERATIONS NOT ALTERED
				MEZZANINE: <u>N/A</u> HOURS	
			19	SPATIAL SEPARATION - CONSTRUCTION OF EXTERIOR WALLS	3.2.2. 9.10.14
				WALL AREA OF EBF (m ²) L.D. (m) L/H OR H/L PERMITTED MAX % OF OPENINGS F.R.R (Hr) LISTED DESIGN No. COL COL	MB. COMB. CONST. NON NST. NON COMB. COMB CLADDING CONST
ER BOARD				EXISTING UNCHANGED	
JDS @ 16" o/c METAL FURRING CHANNEL @ 16" o/c					
			20	OTHER - DESCRIBE: BUILDING ENVELOPE RETROFIT	

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± 48' - 5 1/2"	13' - 3 5/32"	11' - 11 7/16"		
CUT FLOOR SLAB FOR NE CUT FLOOR SLAB FOR NE	VINGS. ⁶ +1	± 37' - 11 1/4"		 PROJECT NORTH PROJECT NORTH GENERAL NOTES REFERTS THE GENERAL NOTES REFERTS TRUCTURAL DRAWINGS. DO NOT SCALE THE DRAWINGS TIS THE RESPONSIBILITY OF TREVIEWING THE DRAWINGS IT IS THE RESPONSIBILITY OF TREVIEWING THE DRAWINGS SURE THAT THEY ARE BASE CURRENT DATA. THE CONTRACTOR SHALL CHAND VERIFY ALL DIMENSION REPORT ANY ERRORS OR ONTO THE ENGINEER. ALL PRINTS AND SPECIFICATE ARE THE PROPERTY OF THE ENGINEER. ALL PRINTS AND SPECIFICATE AND MUST BE RETURNED UP COMPLETION OF THE WORK REQUEST OF THE ENGINEER. THIS DRAWING SHALL NOT B FOR CONSTRUCTION UNLESS AND SEALED BY THE ENGINEER.
				CLIENT CITY OF WOODSTOOD 500 Dundas Street, Woodstoo 500 Dundas Street, Woodstoo EDENCESSION CONSULTING ENDER CONSULTING ENDER S0 Samnah Crescent, Ingersoll, C
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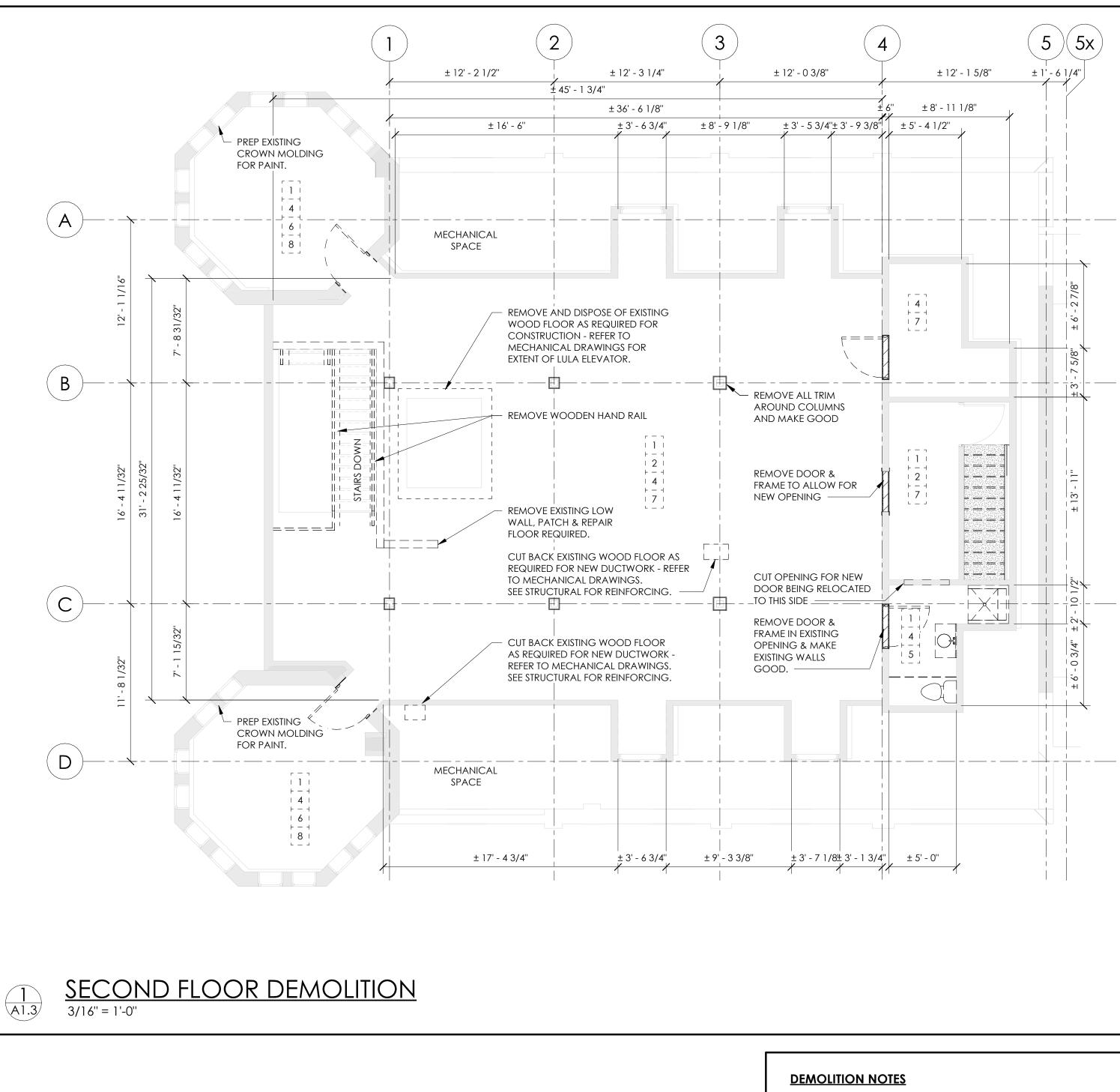
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P1 – WINDOW SILL

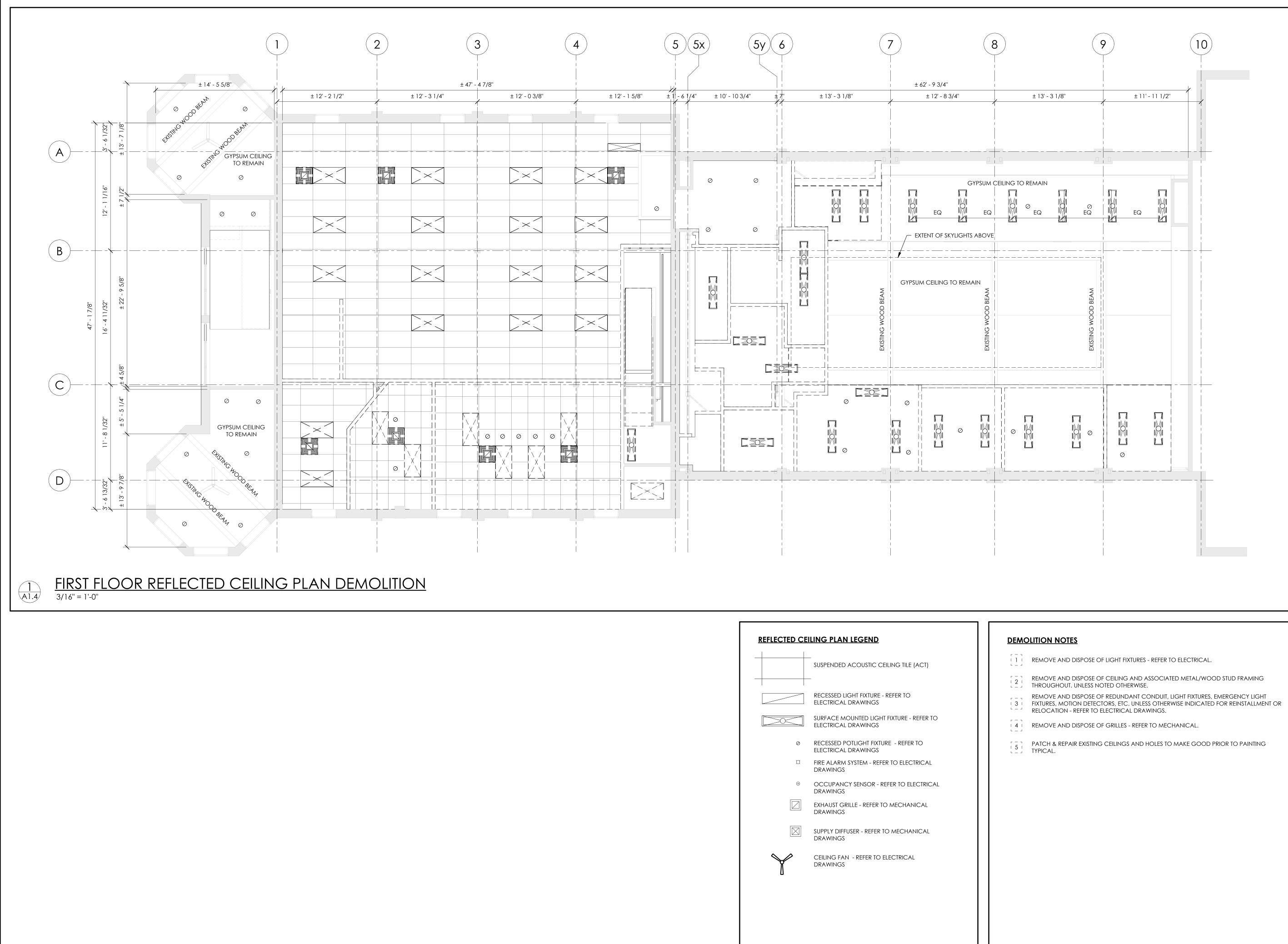
RETURNS AROUND WINDOWS PRIOR TO PAINTING





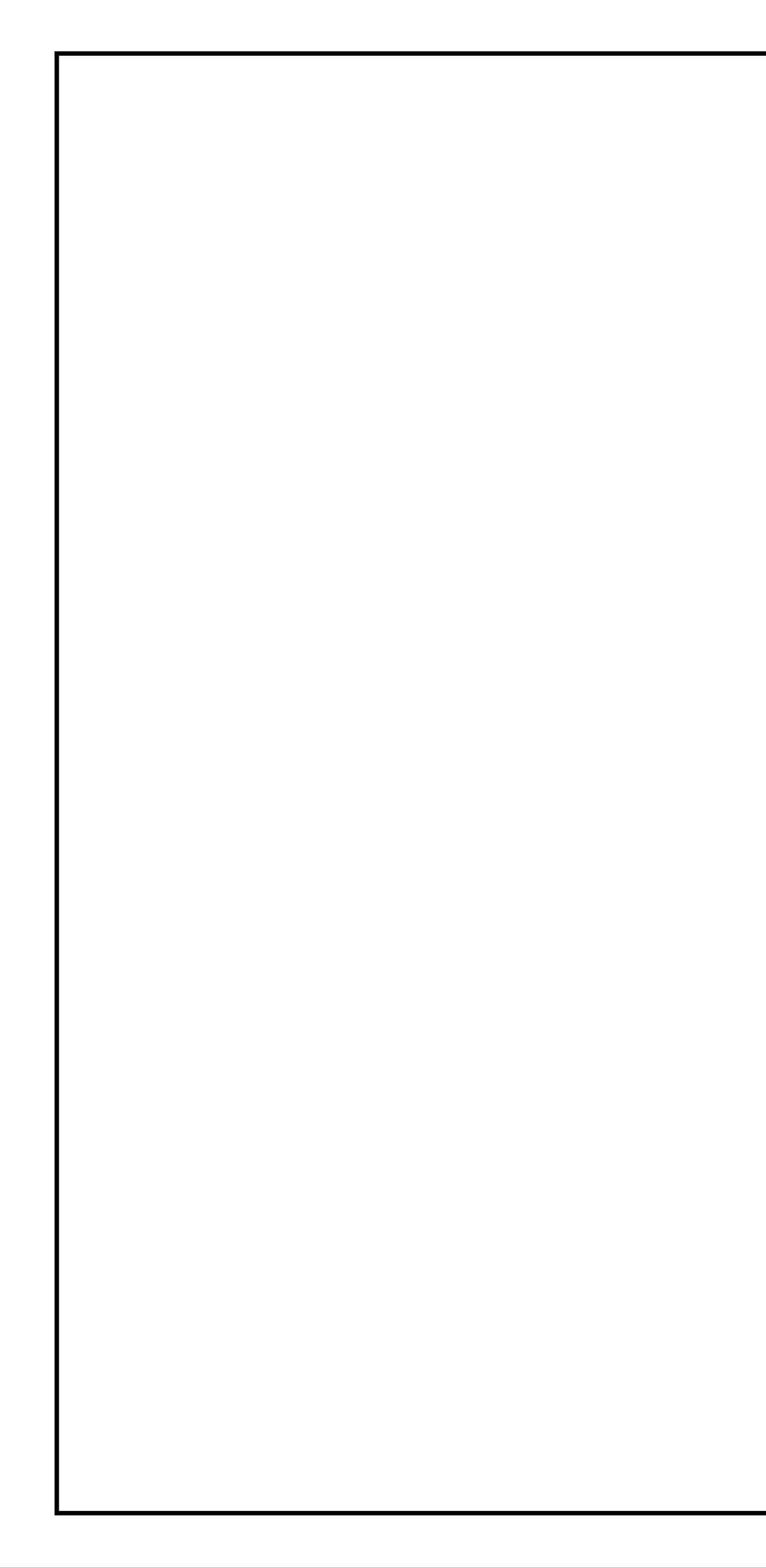
 _ J	REMOVE AND DISPOSE OF FLOORING AND BASE IN ITS ENTIRETY.
 2 _ J	ALL NON-FIXED FURNISHINGS AND CHATTELS REMOVED PRIOR TO CONSTRUCTION.
 3 	REMOVE AND DISPOSE OF WALLS DENOTED BY DASHED LINES.
 4 	REMOVE ALL EXISTING DOORS AND FRAMES AND SCREENS, PARTITONS, INTERIOR WINDOWS, CEILINGS, AND MILLWORK.
 - 5	REMOVE ALL PLUMBING FIXTURES AND CAP PLUMBING, AND OTHER MECHANICAL AND ELECTRICAL SYSTEMS IN ACCORDANCE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
 6 _ J	REPAIR DAMAGED GYPSUM BOARD RETURNS AROUND ALL WINDOWS PRIOR TO PAINTING SEE P1/A1.3 TYPICAL.
 7 	PATCH AND REPAIR ALL SURFACES AND HOLES TO MAKE GOOD PRIOR TO PAINTING TYPICAL.
 8 J	TEMPORARILY REMOVE EXISTING WINDOW SHADES PRIOR TO CONSTRUCTION. REINSTALL UPON COMPLETION.

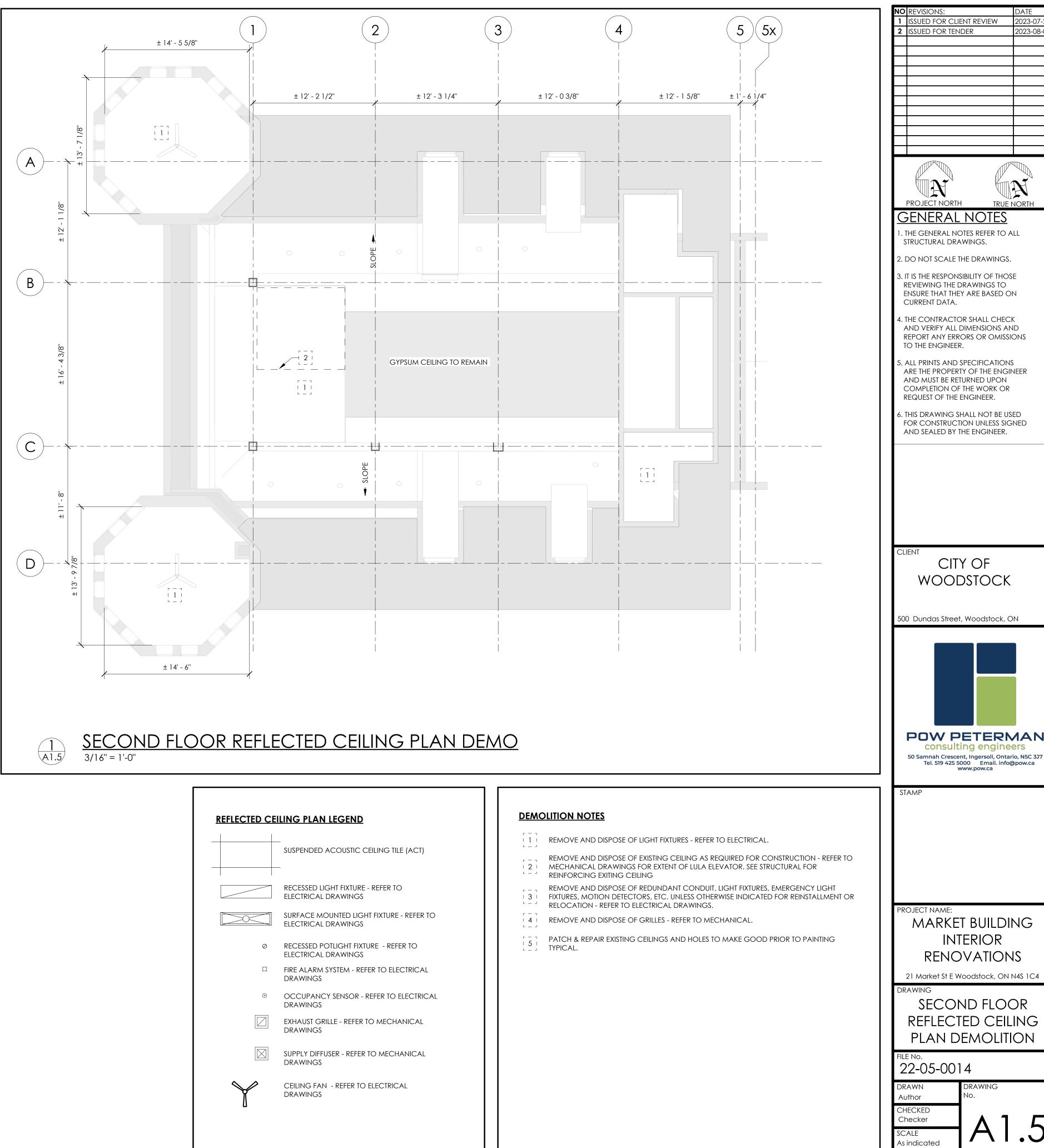
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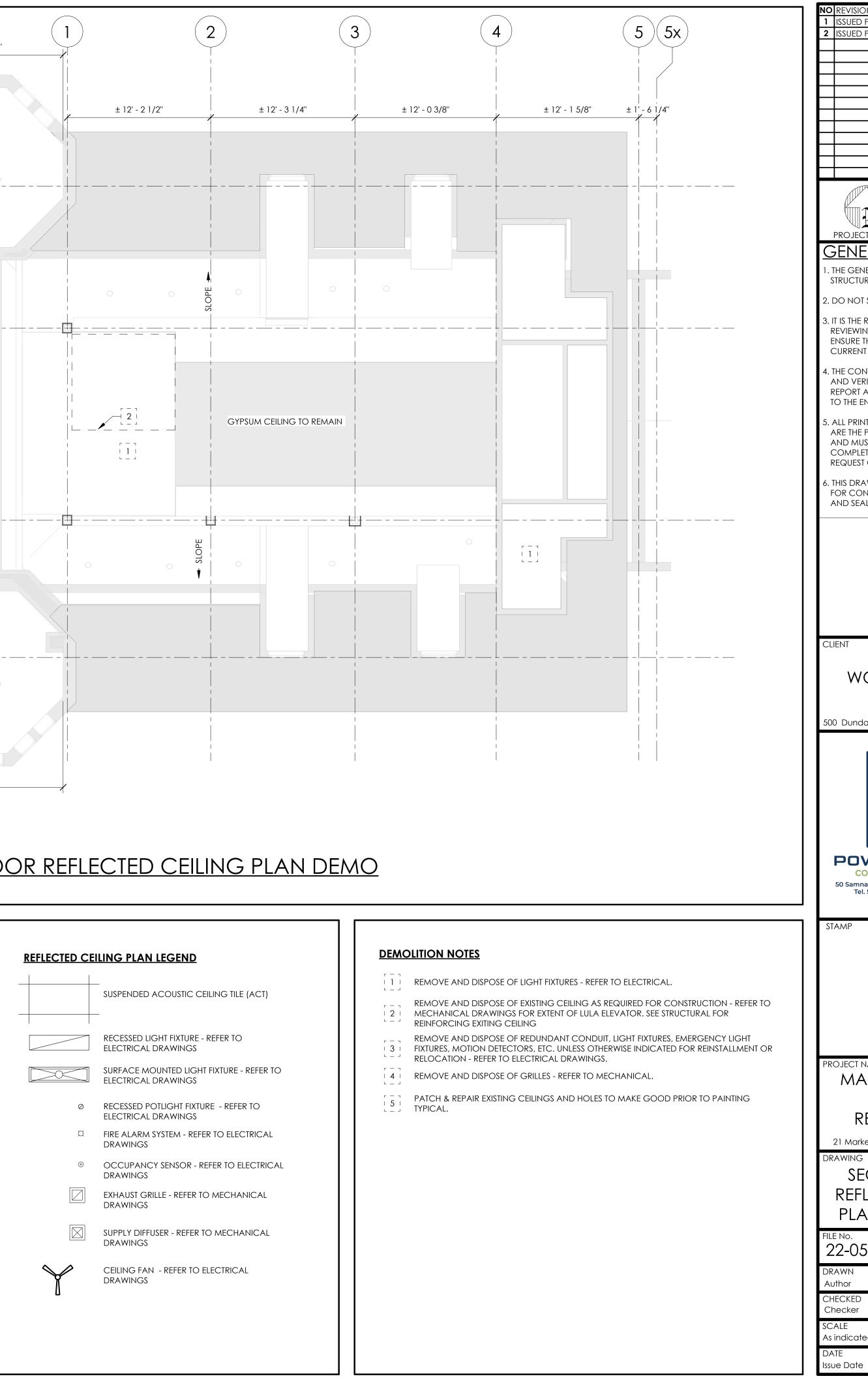


REFLECTED CE	ILING PLAN LEGEND	
	- SUSPENDED ACOUSTIC CEILING TILE (ACT) -	
	RECESSED LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS	
	SURFACE MOUNTED LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS	
0	RECESSED POTLIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS	
α	FIRE ALARM SYSTEM - REFER TO ELECTRICAL DRAWINGS	
۲	OCCUPANCY SENSOR - REFER TO ELECTRICAL DRAWINGS	
	EXHAUST GRILLE - REFER TO MECHANICAL DRAWINGS	
\square	SUPPLY DIFFUSER - REFER TO MECHANICAL DRAWINGS	
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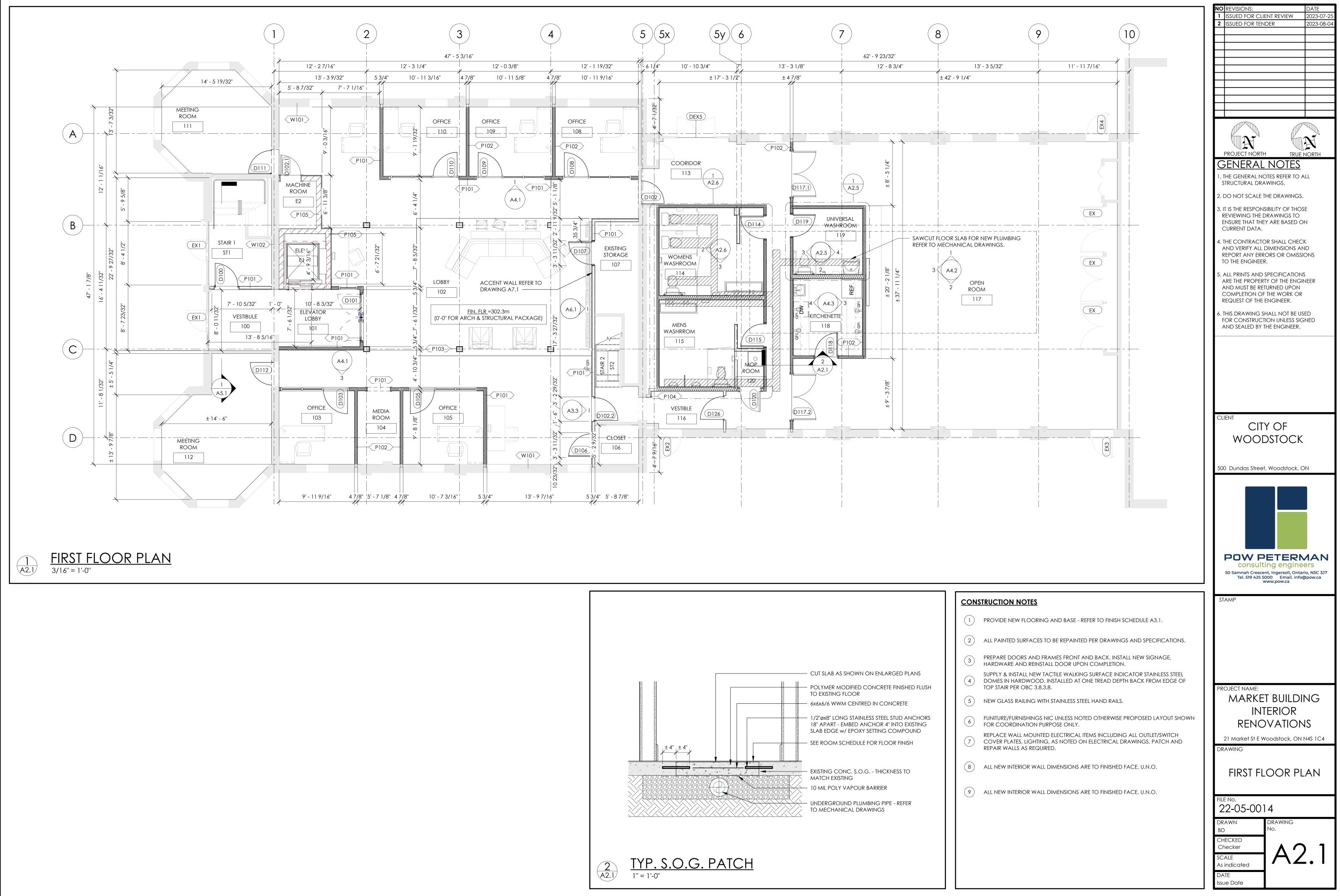
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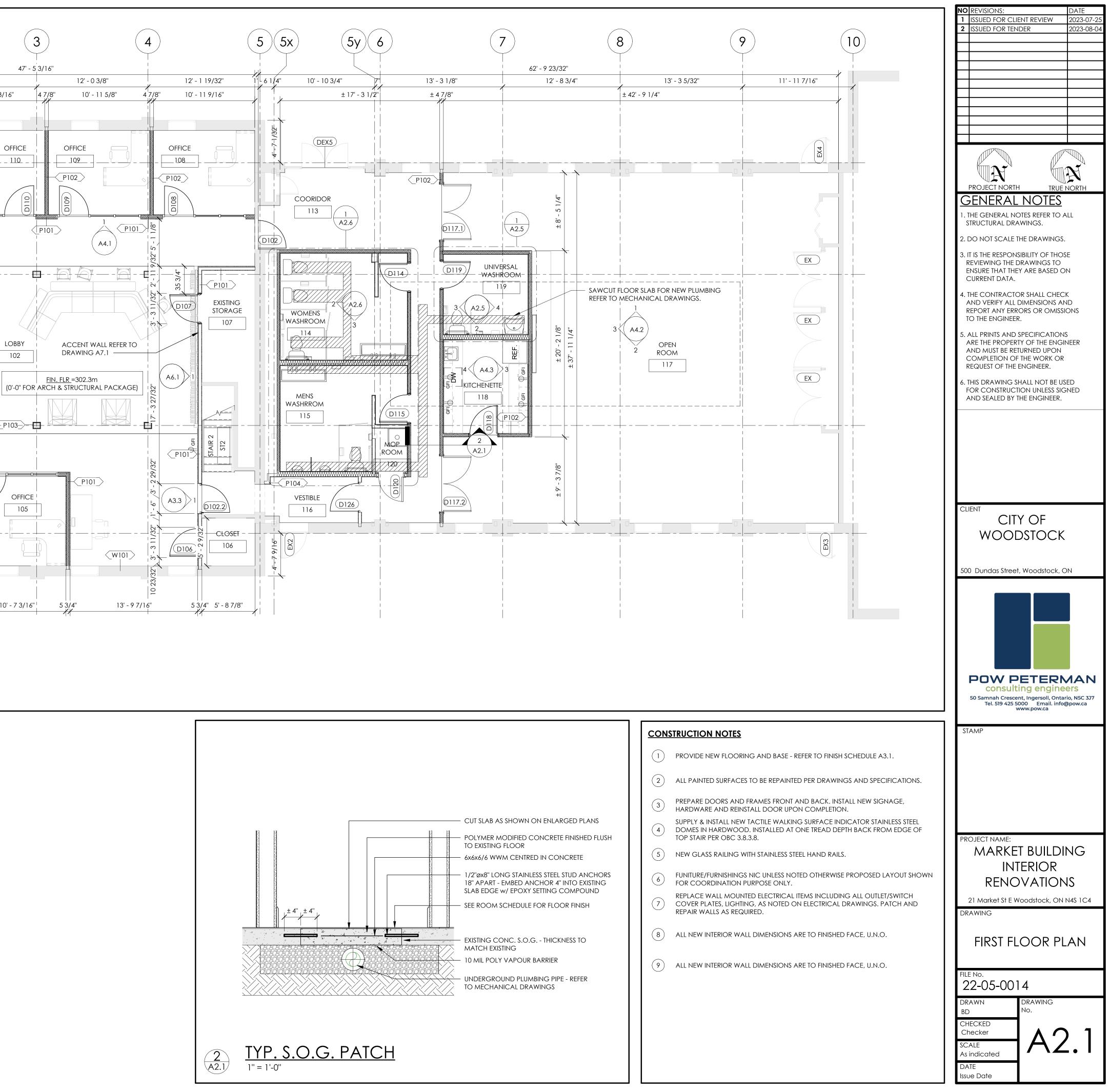
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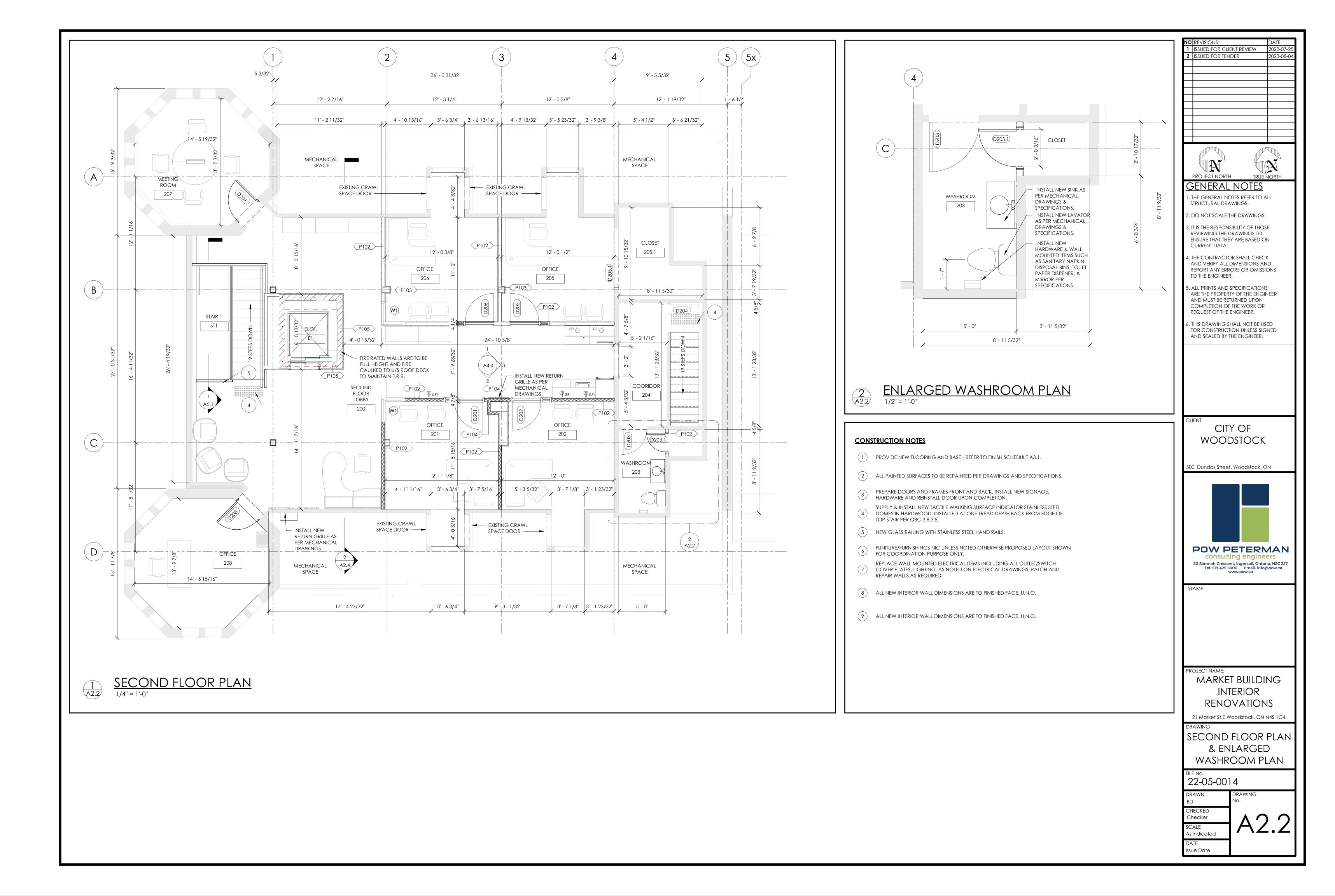
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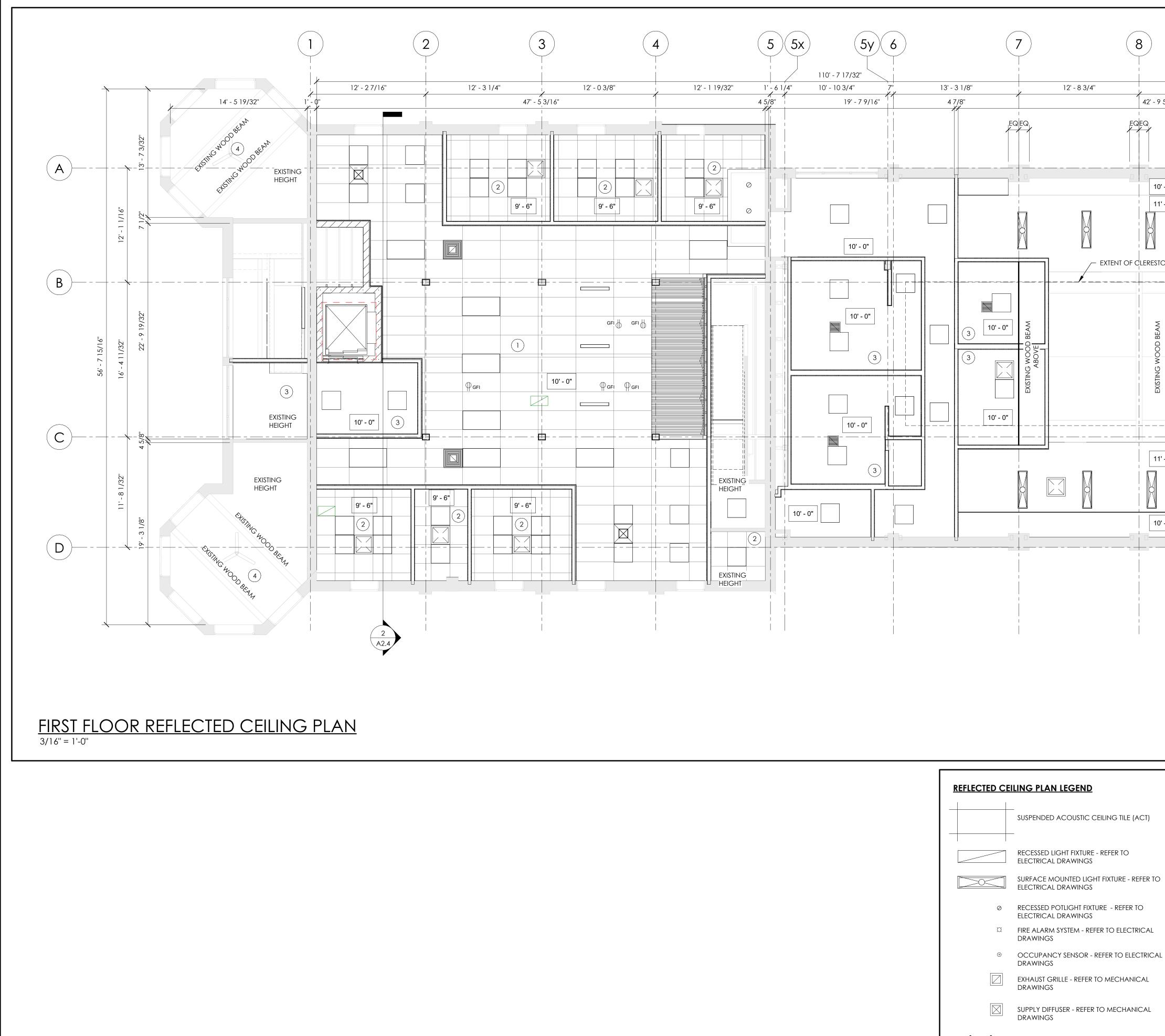
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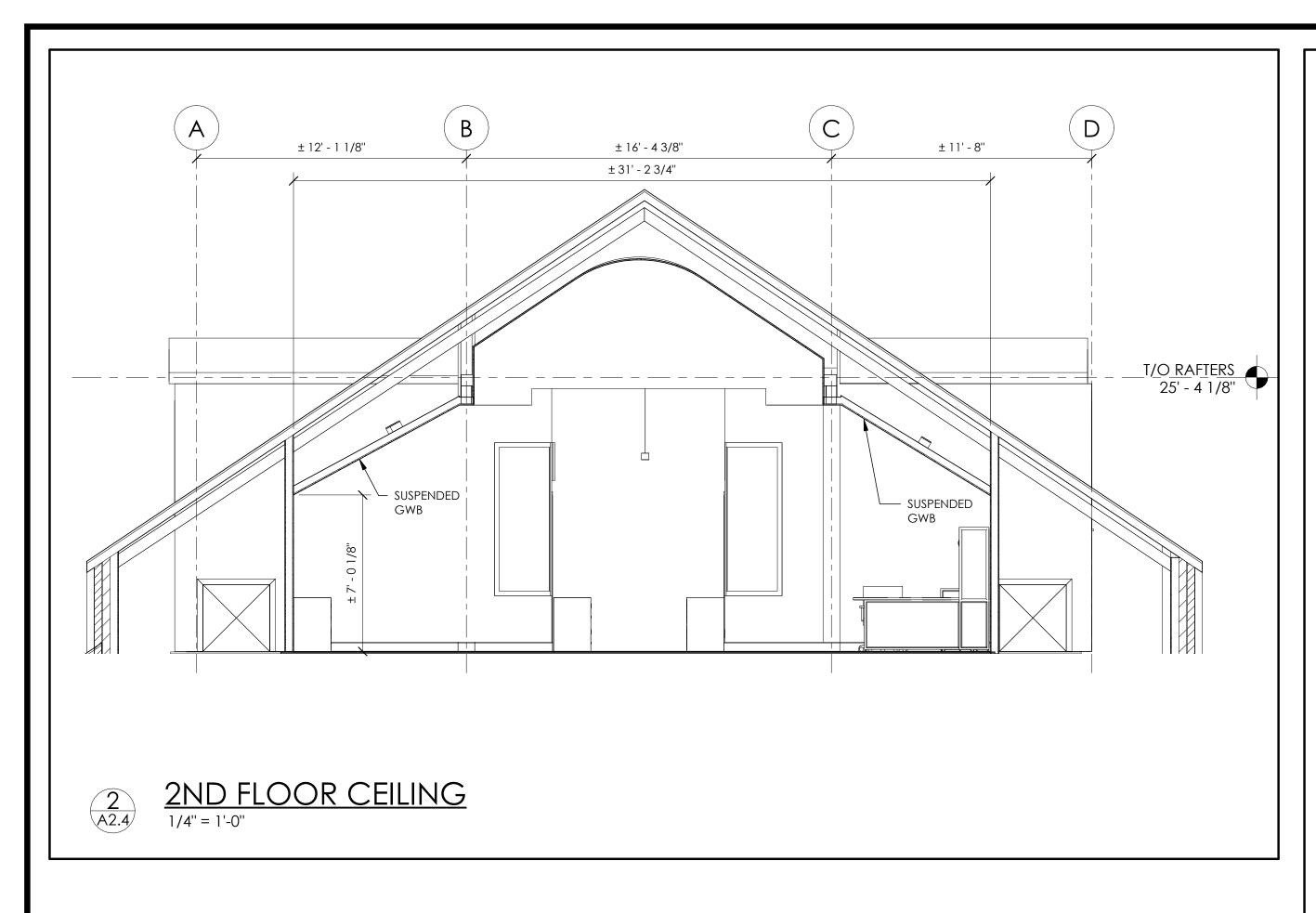


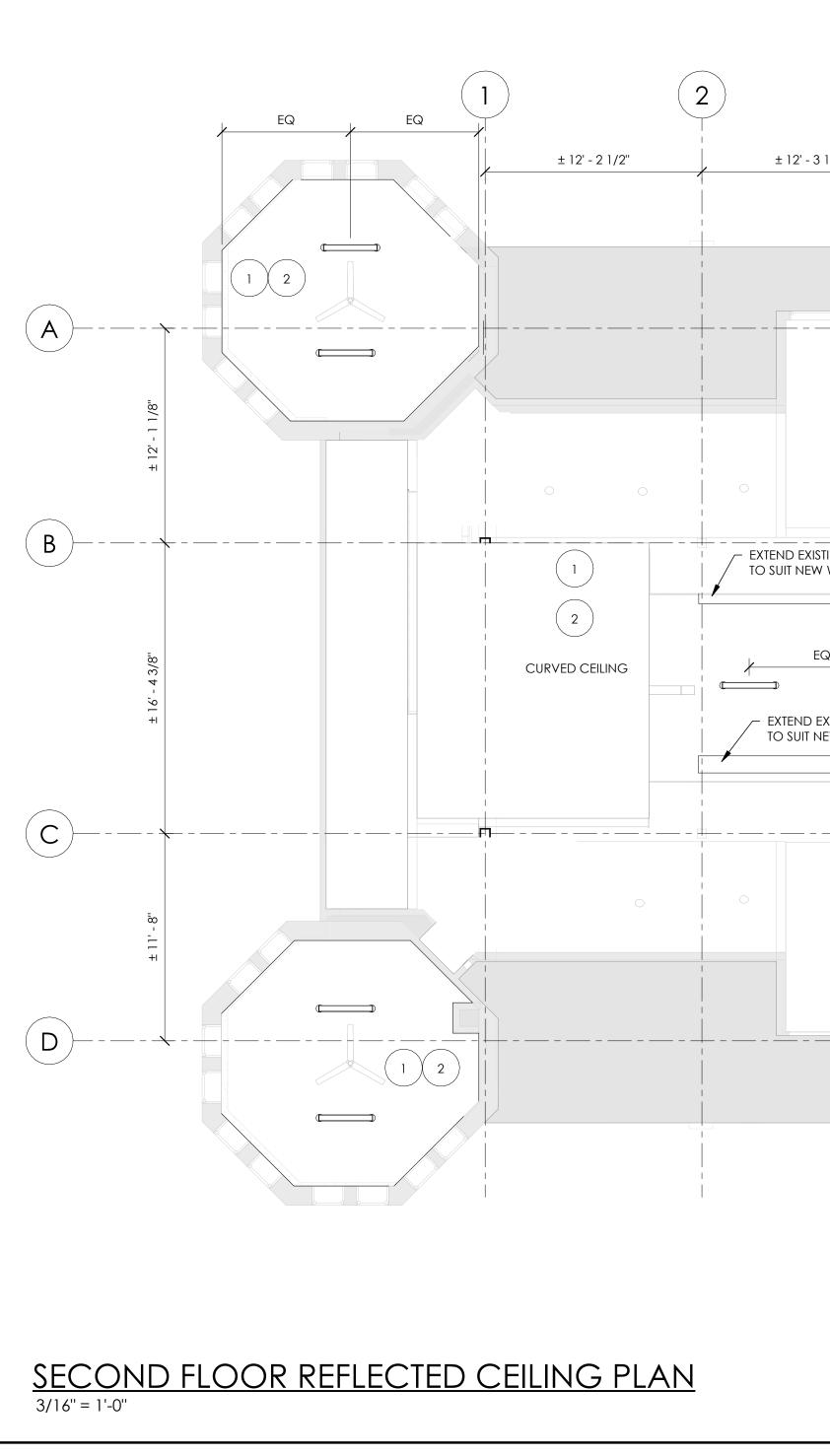






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	REFLECTED CEILING PLAN LEGEND Image: Suspended acoustic ceiling tile (act) Image: Suspended acoustic ceiling tile (act) <	REFLECTED CEILING PLAN NOTES 1 INSTALL NEW 4'x 2' T-BAR ACOUSTIC TILE CEILING AND GRID TO HEIGHT SHOWN ON R.C.P. 2 INSTALL NEW 2'x 2' T-BAR ACOUSTIC TILE CEILING AND GRID TO HEIGHT SHOWN ON R.C.P. 3 INSTALL NEW GYPSUM BOARD CEILING TO HEIGHT SHOWN ON R.C.P. 4 PAINT EXISTING CEILING AND BEAMS TO MATCH SEE COLOUR PLAN. 5 INSTALL NEW GYPSUM BOARD CEILING TO MIRROR EXISTING SOUTH SIDE. 6 REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES. 7 INSTALL NEW GRILLES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES.	PROJECT NAME: MARKET BUILDING INTERIOR RENOVATIONS 21 Market St E Woodstock, ON N4S 1C4 DRAWING FIRST FLOOR REFLECTED CEILING PLAN FILE NO. 22-05-0014 DRAWN Author CHECKED Checker SCALE As indicated DATE Issue Date

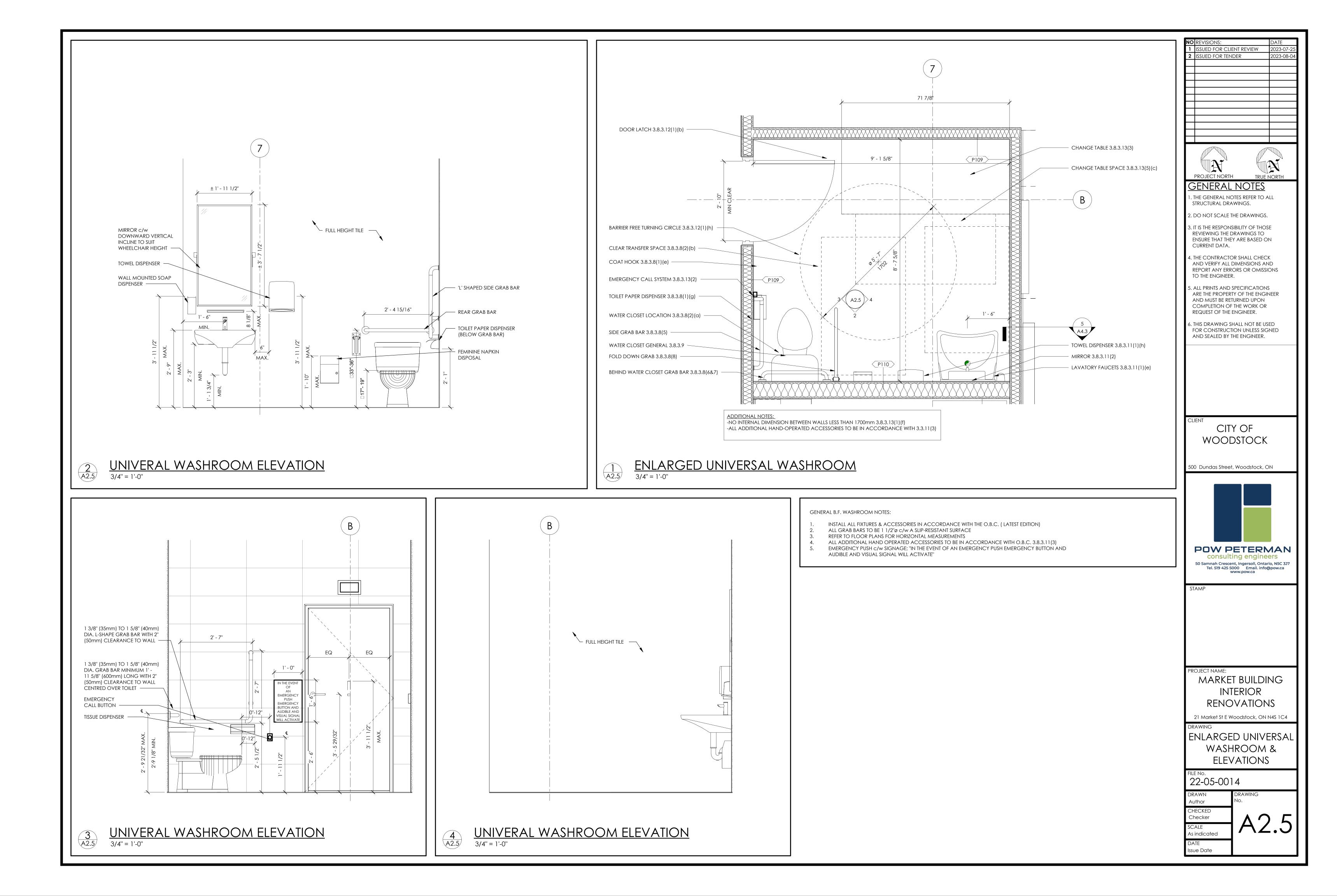


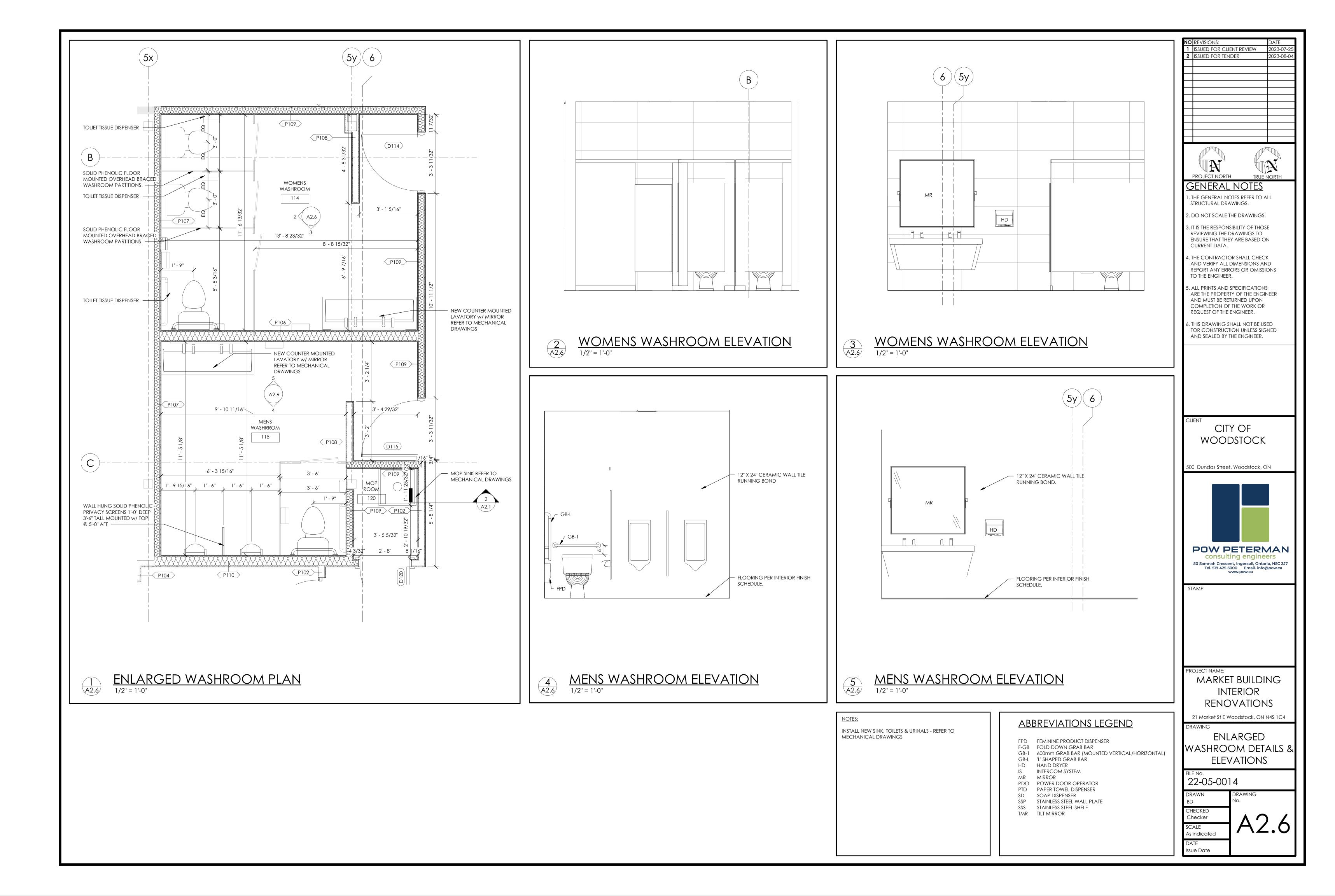


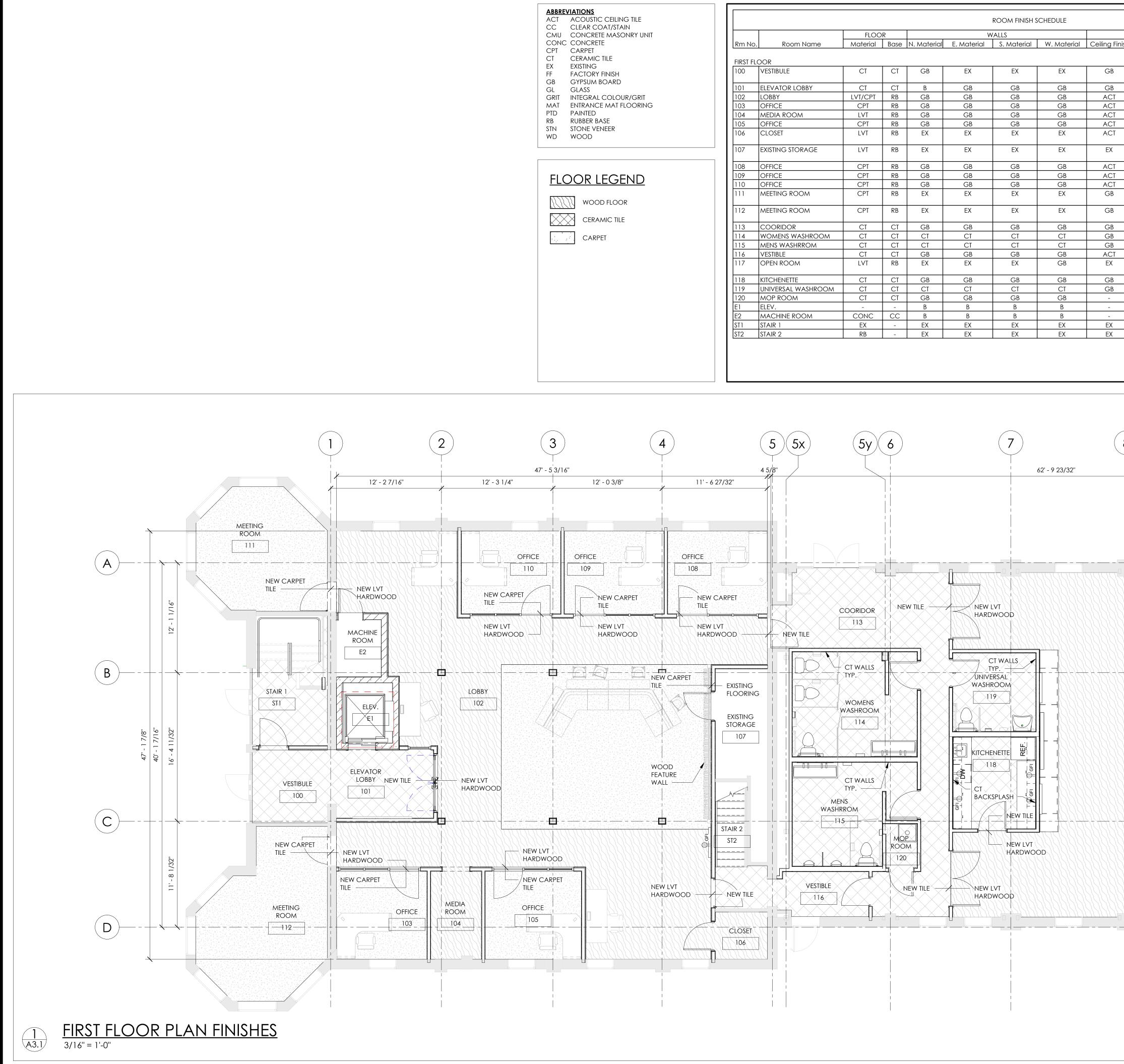
REFLECTED CEILING PLAN NOTES

- 1 ALL NEW LIGHTING TO BE PENDANT AND SURFACE MOUNTED SEE ELECTRICAL DRAWINGS. REWORK EXISTING CEILINGS AS NECESSARY
- 2 EXISITNG CEILINGS TO REMAIN. PATCH AND REPAIR PRIOR TO PAINTING
- 3 NEW BULKHEAD TO HIDE EXISTING DUCT WORK & NEW GRILLES SEE MECH DRAWINGS

3	4 5	NO REVISIONS: DATE 1 ISSUED FOR CLIENT REVIEW 2023-07-25 2 ISSUED FOR TENDER 2023-08-04
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TING BULK HEAD	2	 A. THE OLIVERAL PROFEST REFER TO ALL STRUCTURAL DRAWINGS. 2. DO NOT SCALE THE DRAWINGS. 3. IT IS THE RESPONSIBILITY OF THOSE REVIEWING THE DRAWINGS TO ENSURE THAT THEY ARE BASED ON CURRENT DATA. 4. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS OR OMISSIONS TO THE ENGINEER. 5. ALL PRINTS AND SPECIFICATIONS
Q EQ EQ EQ EQ EXISTING BULK HEAD 3		 ALL PRINTS AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER AND MUST BE RETURNED UPON COMPLETION OF THE WORK OR REQUEST OF THE ENGINEER. 6. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AND SEALED BY THE ENGINEER.
		CLIENT CITY OF WOODSTOCK 500 Dundas Street, Woodstock, ON
		DOUT DOINCID STREET, HOOGSTOCK, OK
		STAMP
		PROJECT NAME: MARKET BUILDING INTERIOR RENOVATIONS 21 Market St E Woodstock, ON N4S 1C4 DRAWING SECOND FLOOR REFLECTED CEILING
		FILE NO. 22-05-0014 DRAWN Author CHECKED Checker SCALE As indicated DATE Issue Date







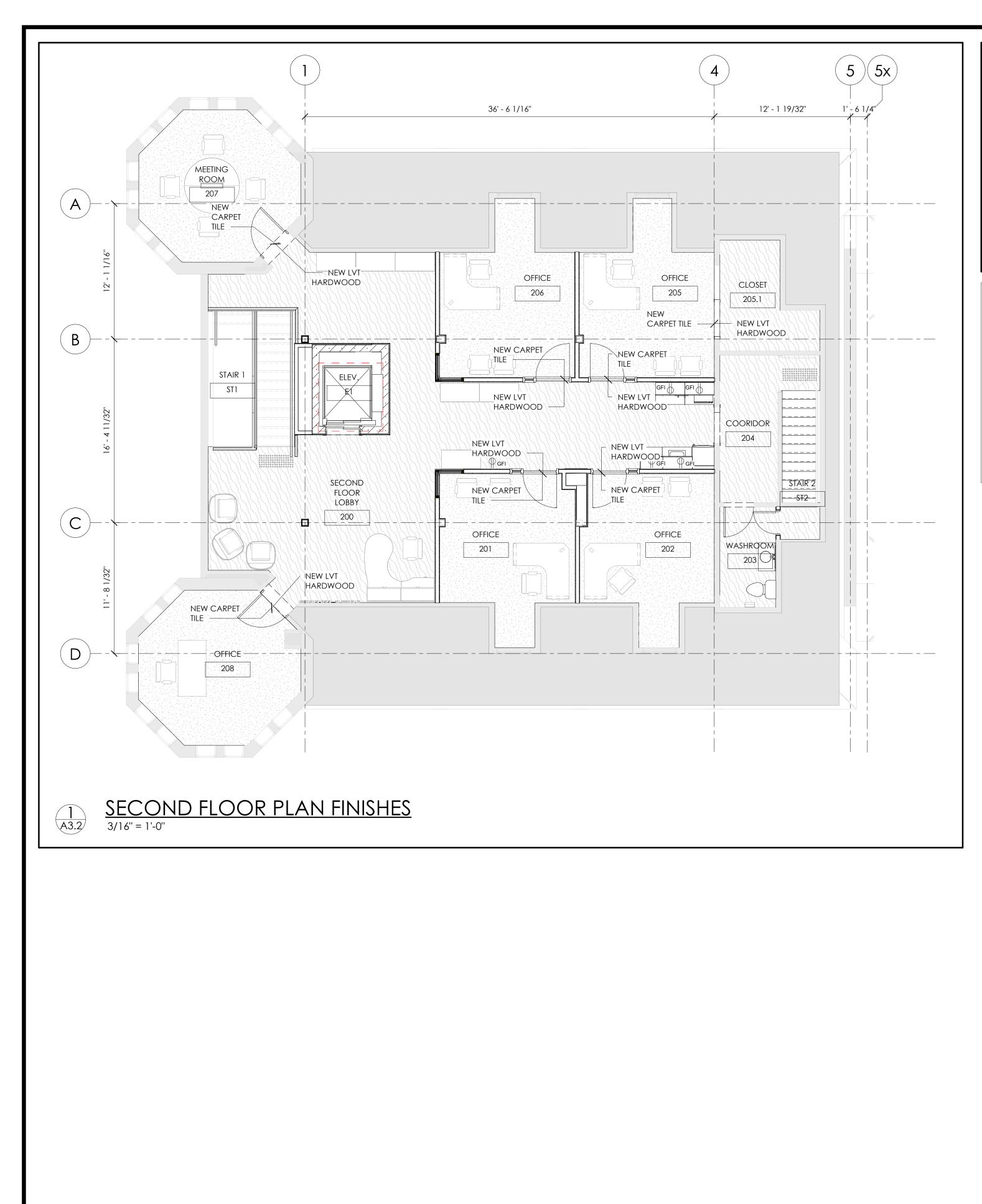
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	CEILING]			2	ISSUED FOR TENDER	2023-08-04
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SCALE

DATE Issue Date

As indicated



		FLOC	R		V	VALLS	
Rm No.	. Room Name	Material	Base	N. Material	E. Material	S. Material	W. N
secon	D FLOOR						
200	SECOND FLOOR LOBBY	LVT	RB	EX	EX	EX	
201	OFFICE	CPT	RB	GB	GB	EX	
202	OFFICE	CPT	RB	GB	EX	EX	
203	WASHROOM	LVT	RB	EX	EX	EX	
204	COORIDOR	LVT	RB	EX	EX	EX	
205	OFFICE	CPT	RB	EX	EX	EX	
205.1	CLOSET	CPT	RB	EX	GB	EX	
206	OFFICE	CPT	RB	GB	GB	EX	
207	MEETING ROOM	CPT	RB	EX	EX	EX	
208	OFFICE	CPT	RB	EX	EX	EX	

<u>FLOOK LEGEIND</u>

CERAMIC TILE

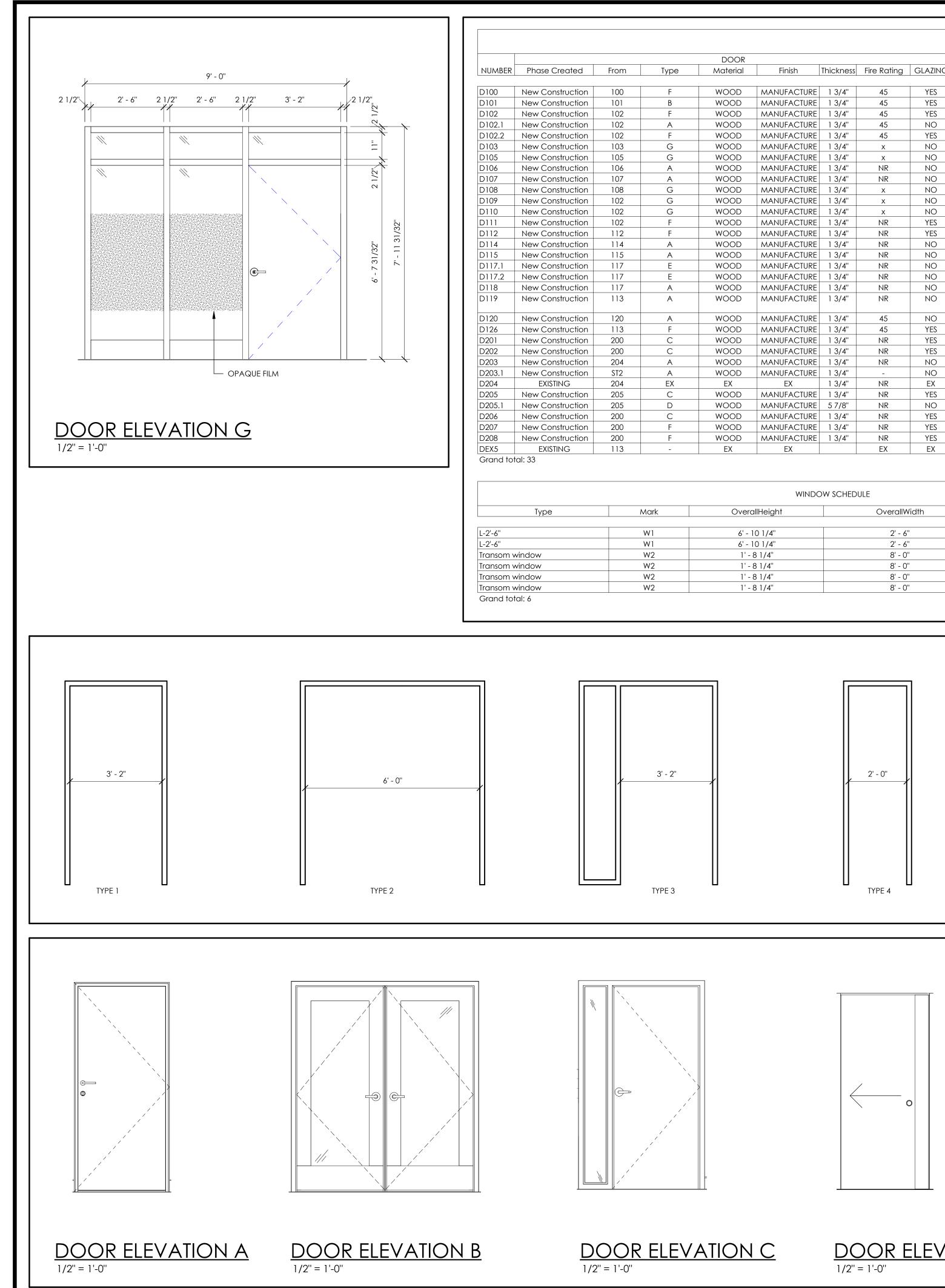
WOOD FLOOR

CARPET

ABBREV	<u> (IATIONS</u>
ACT	ACOUSTIC CEILING TILE
CC	CLEAR COAT/STAIN
CMU	CONCRETE MASONRY L
CONC	CONCRETE
CPT	CARPET
CT	CERAMIC TILE
EX	existing
FF	FACTORY FINISH
GB	GYPSUM BOARD
GL	GLASS
GRIT	INTEGRAL COLOUR/GR
MAT	ENTRANCE MAT FLOOR
PTD	PAINTED
RB	RUBBER BASE
STN	STONE VENEER
WD	WOOD

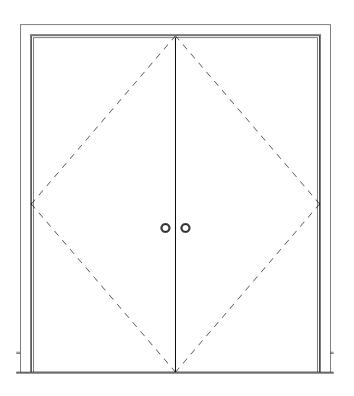
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1	ISSUED FOR CL		2023-07-25
2	ISSUED FOR TEN	NDER	2023-08-04
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G	ENERAL	. NOTES	
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	and sealed by	ITTE ENGINEEK.	
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PR DR S	OJECT NAME: MARKE IN RENC 21 Market St E V AWING ECOND FII	TERIOR VATION Voodstock, ON FLOOR NISHES	JS N4S 1C4
PR DR S	OJECT NAME: MARKE IN RENC 21 Market St E V AWING ECOND FII	TERIOR VATION Voodstock, ON FLOOR NISHES	JS N4S 1C4
PR DR S	OJECT NAME: MARKE IN RENC 21 Market St E V AWING ECOND FII	TERIOR VATION Voodstock, ON FLOOR NISHES 14 DRAWING	JS N4S 1C4
PRO DR FILI DR AU	OJECT NAME: MARKE IN RENC 21 Market St E V AWING ECOND FII E No. 22-05-00 AWN uthor	TERIOR VATION Voodstock, ON FLOOR NISHES 14	JS N4S 1C4
PRO DR FILI DR AL CH	OJECT NAME: MARKE IN RENC 21 Market St E V AWING ECOND FII E No. 2-05-00 AWN othor IECKED	TERIOR VATION Voodstock, ON FLOOR NISHES 14 DRAWING	JS N4S 1C4
PRO DR S FILE DR ALC CH CH	OJECT NAME: MARKE IN RENC 21 Market St E V AWING ECOND FII E No. 22-05-00 AWN uthor	TERIOR VATION Voodstock, ON FLOOR NISHES 14 DRAWING	JS N4S 1C4
PR DR DR DR CH CH CH CH	OJECT NAME: MARKE IN RENC 21 Market St E V AWING ECOND FII ENO. 2-05-00 AWN othor IECKED hecker	TERIOR VATION Voodstock, ON FLOOR NISHES 14 DRAWING	JS N4S 1C4



						DO	OR SCHEDULE					
	DOOR					POWER			FRAME			
 Туре	Material	Finish	Thickness	Fire Rating	GLAZING	OPERATORS	ROOM/TYPE	Frame Type	Material	Finish	DOOR WIDTH	Door H
 F	WOOD	MANUFACTURE	1 3/4"	45	YES	-	STAIR ENTRANCE	TYPE 1	НМ	MANUFACTURE	3'-2"	7' - (
В	WOOD	MANUFACTURE	1 3/4"	45	YES	YES	EXIT	TYPE 2	НM	MANUFACTURE	2-3'-0''	7' - (
F	WOOD	MANUFACTURE	1 3/4"	45	YES	YES	EXIT	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
A	WOOD	MANUFACTURE	1 3/4"	45	NO	-	MECHANICAL	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
F	WOOD	MANUFACTURE	1 3/4"	45	YES	YES	EXIT	TYPE 1	HM	MANUFACTURE	3'-2"	7' - (
G	WOOD	MANUFACTURE	1 3/4"	х	NO	-	OFFICE	-	НM	MANUFACTURE	9'-0''	7' - (
G	WOOD	MANUFACTURE	1 3/4"	х	NO	-	OFFICE	-	НM	MANUFACTURE	9'-0''	7' - (
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F	WOOD	MANUFACTURE	1 3/4"	NR	YES	-	MEETING ROOM	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
F	WOOD	MANUFACTURE		NR	YES	-	MEETING ROOM	TYPE 1	HM	MANUFACTURE	3'-2"	7' - (
A	WOOD	MANUFACTURE		NR	NO	YES	WASHROOM	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
А	WOOD	MANUFACTURE	1 3/4"	NR	NO	YES	WASHROOM	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
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A	WOOD	MANUFACTURE	1 3/4"	NR	NO	-	KITCHENETTE	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
A	WOOD	MANUFACTURE	1 3/4"	NR	NO	YES	UNIVERSAL WASHROOM	TYPE 1	HM	MANUFACTURE	3'-2"	7' - (
Α	WOOD	MANUFACTURE	1 3/4"	45	NO	-	CUSTODIAL	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
F	WOOD	MANUFACTURE	1 3/4"	45	YES	YES	EXIT	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
С	WOOD	MANUFACTURE	1 3/4"	NR	YES	-	OFFICE	TYPE 3	НM	MANUFACTURE	3'-2"	7' - (
С	WOOD	MANUFACTURE	1 3/4"	NR	YES	-	OFFICE	TYPE 3	HM	MANUFACTURE	3'-2"	7' - (
A	WOOD	MANUFACTURE	1 3/4"	NR	NO	-	WASHROOM	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
Α	WOOD	MANUFACTURE	1 3/4"	-	NO	-	CLOSET DOOR	TYPE 4	HM	MANUFACTURE	2'-0''	7' - (
EX	EX	EX	1 3/4"	NR	EX	EX	EX	EX	EX	EX	EX	7' - (
С	WOOD	MANUFACTURE	1 3/4"	NR	YES	-	OFFICE	TYPE 3	HM	MANUFACTURE	3'-2"	7' - (
D	WOOD	MANUFACTURE	5 7/8"	NR	NO	-	POCKET DOOR	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
С	WOOD	MANUFACTURE	1 3/4"	NR	YES	-	OFFICE	TYPE 3	HM	MANUFACTURE	3'-2"	7' - (
F	WOOD	MANUFACTURE	1 3/4"	NR	YES	-	MEETING ROOM	TYPE 1	НM	MANUFACTURE	3'-2"	7' - (
F	WOOD	MANUFACTURE	1 3/4"	NR	YES	-	MEETING ROOM	TYPE 1	HM	MANUFACTURE	3'-2"	7' - (
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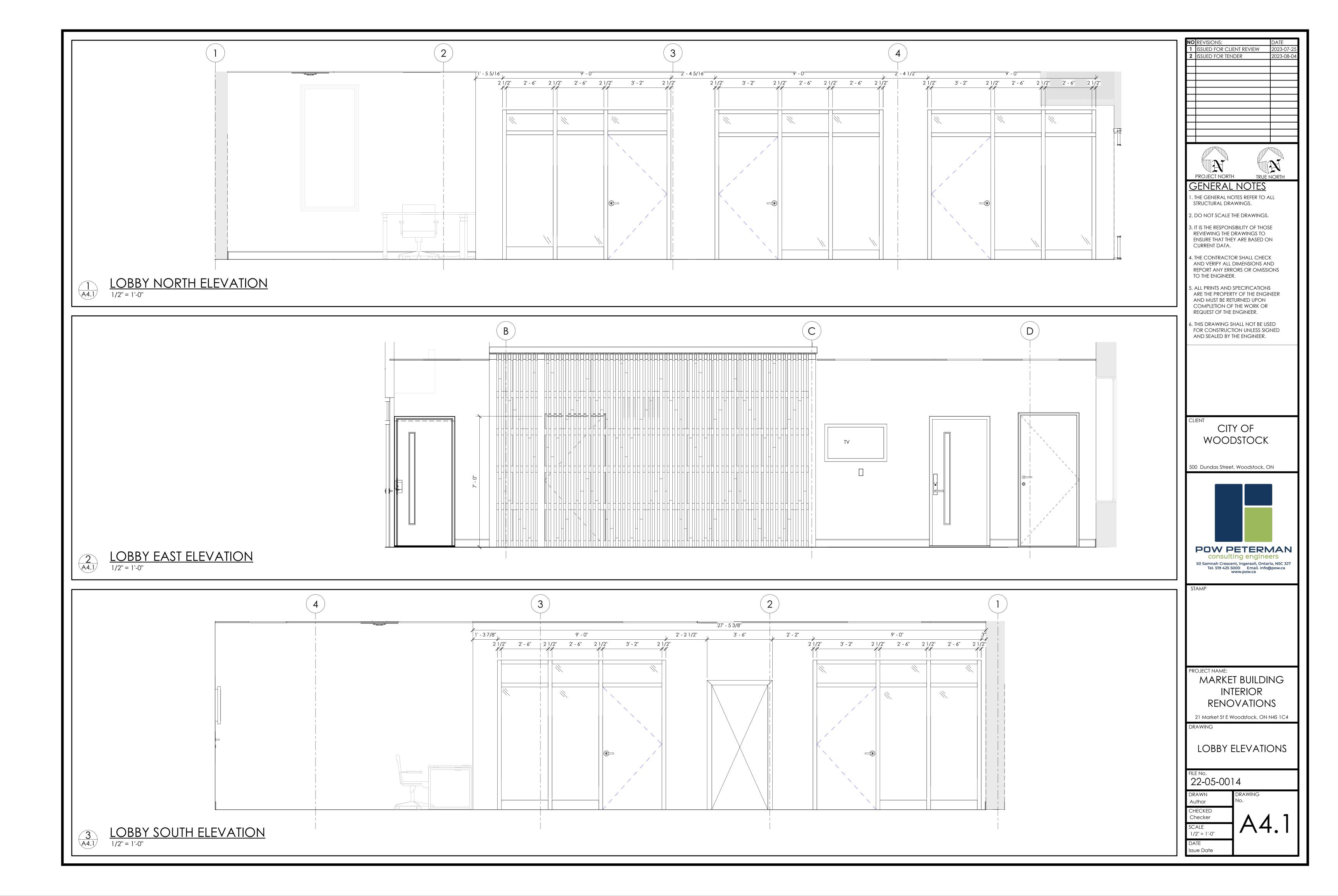


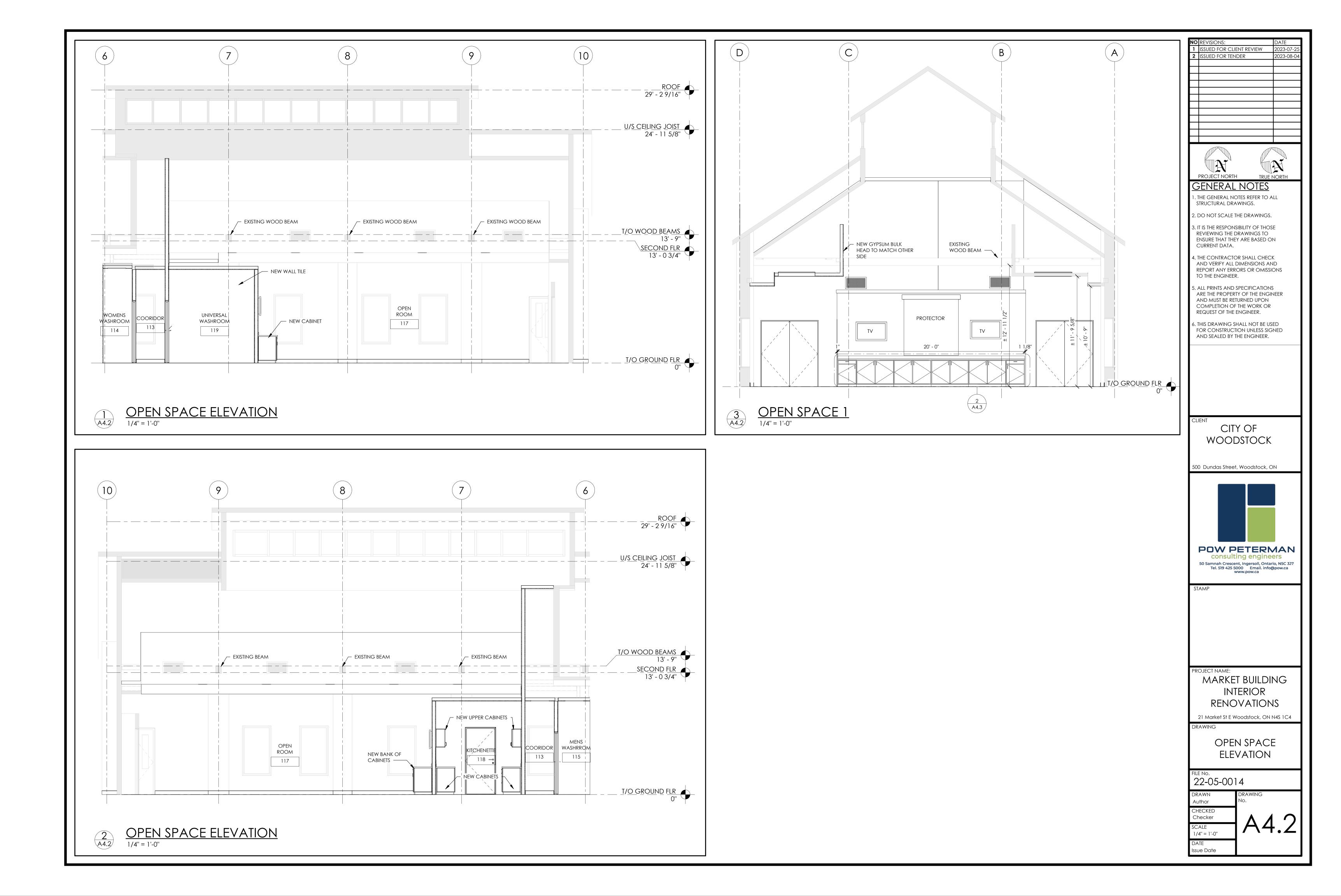
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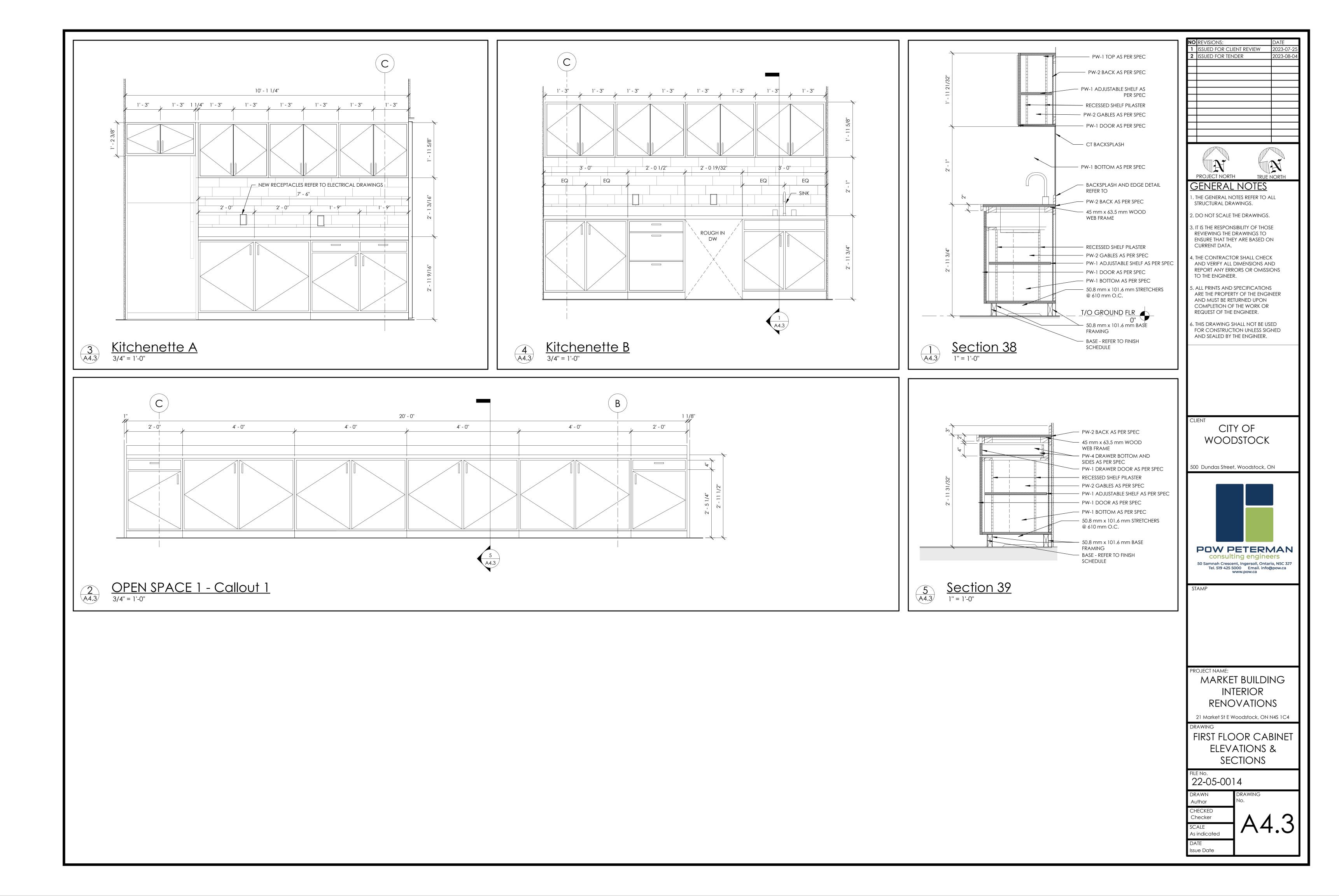
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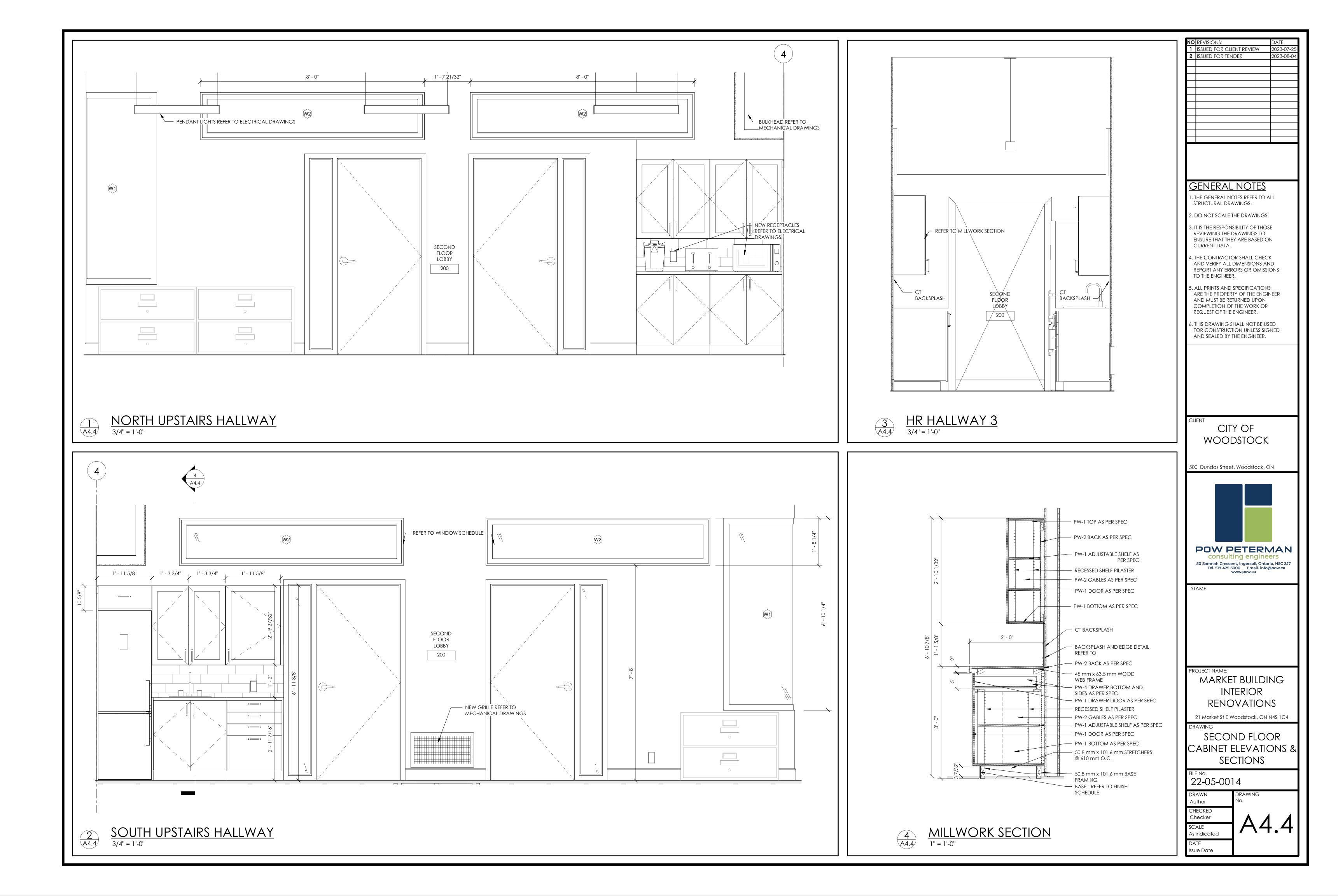
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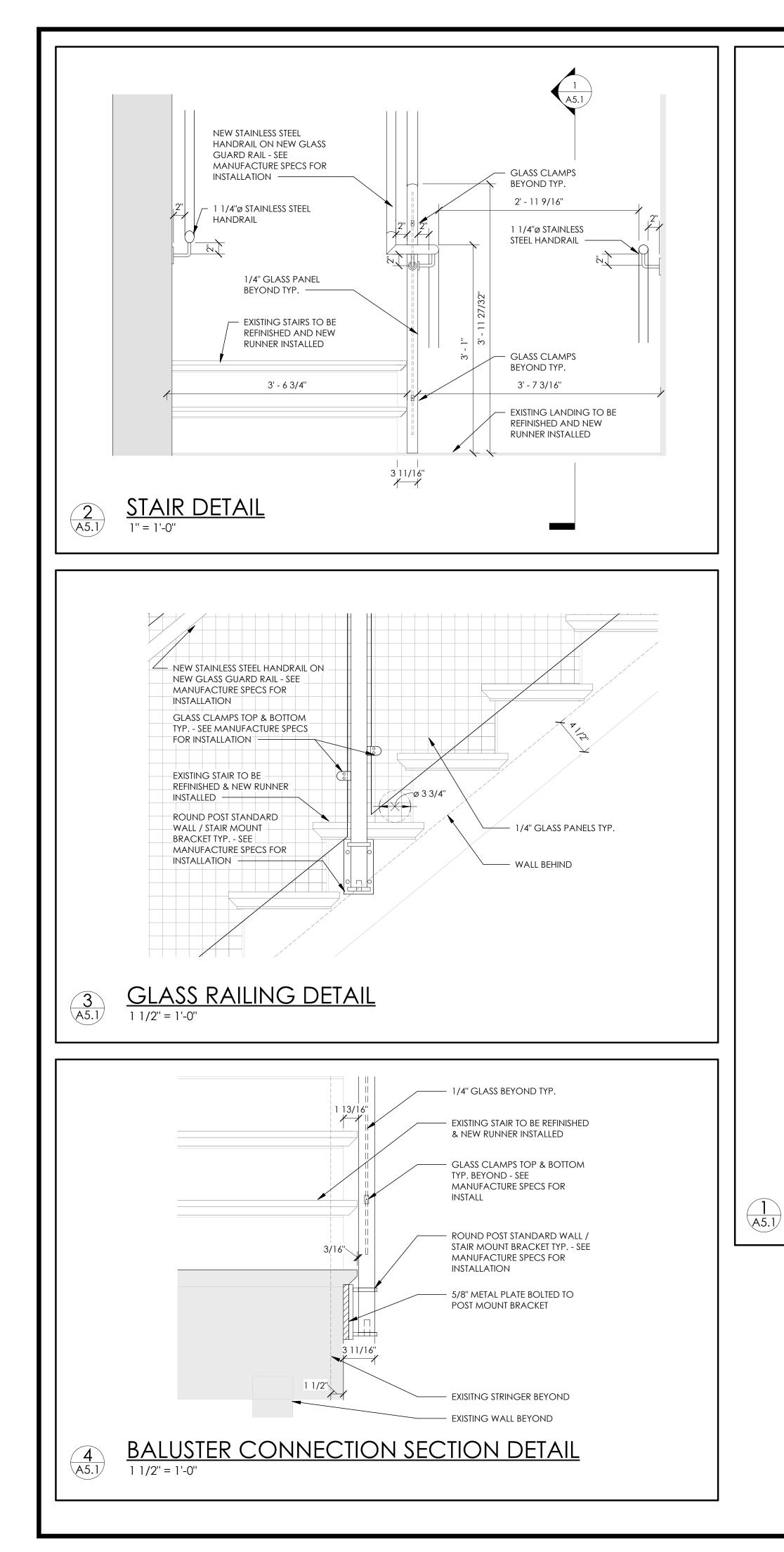
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		1 ISSUED FOR CLIENT REVIEW 2023-07-25 2 ISSUED FOR TENDER 2023-08-04
Height	Notes	
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- 0'' - 0''	SEE ELVATION, PRIVATE OFFICE - KEY CARD SEE ELVATION, PRIVATE OFFICE - KEY CARD	
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- 0'' - 0''	SEE ELVATION, PRIVATE OFFICE - KEY CARD SEE ELVATION, PRIVATE OFFICE - KEY CARD	
- 0'' - 0''	SEE ELVATION, PRIVATE OFFICE - KEY CARD	PROJECT NORTH TRUE NORTH
- 0" - 0"		<u>GENERAL NOTES</u>
- 0'' - 0''		1. THE GENERAL NOTES REFER TO ALL STRUCTURAL DRAWINGS.
- 0'' - 0''		2. DO NOT SCALE THE DRAWINGS.
- 0''		3. IT IS THE RESPONSIBILITY OF THOSE REVIEWING THE DRAWINGS TO
- 0'' - 0''	EXIT DOOR PRIVATE OFFICE - KEY CARD	ENSURE THAT THEY ARE BASED ON CURRENT DATA.
- 0'' - 0''	PRIVATE OFFICE - KEY CARD	4. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND
- 0'' - 0''		REPORT ANY ERRORS OR OMISSIONS TO THE ENGINEER.
- 0" - 0" - 0"		5. ALL PRINTS AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER
- 0" - 0" - 0"	PRIVATE OFFICE - KEY CARD	AND MUST BE RETURNED UPON COMPLETION OF THE WORK OR
- 0	NEW HARDWARE	REQUEST OF THE ENGINEER. 6. THIS DRAWING SHALL NOT BE USED
		FOR CONSTRUCTION UNLESS SIGNED AND SEALED BY THE ENGINEER.
		 CITY OF WOODSTOCK
		WOODSTOCK
		500 Dundas Street, Woodstock, ON
		POW PETERMAN consulting engineers
		50 Samnah Crescent, Ingersoll, Ontario, N5C 3J7 Tel. 519 425 5000 Email. info@pow.ca www.pow.ca
		STAMP
		PROJECT NAME:
		INTERIOR RENOVATIONS
		21 Market St E Woodstock, ON N4S 1C4
•		DRAWING
		DOOR SCHEDULE &
		ELEVATIONS
		FILE NO.
		22-05-0014
		DRAWN DRAWING Author No.
		CHECKED Checker
	R ELEVATION F	Checker SCALE 1/2" = 1'-0"
2" = 1'-0"		DATE Issue Date

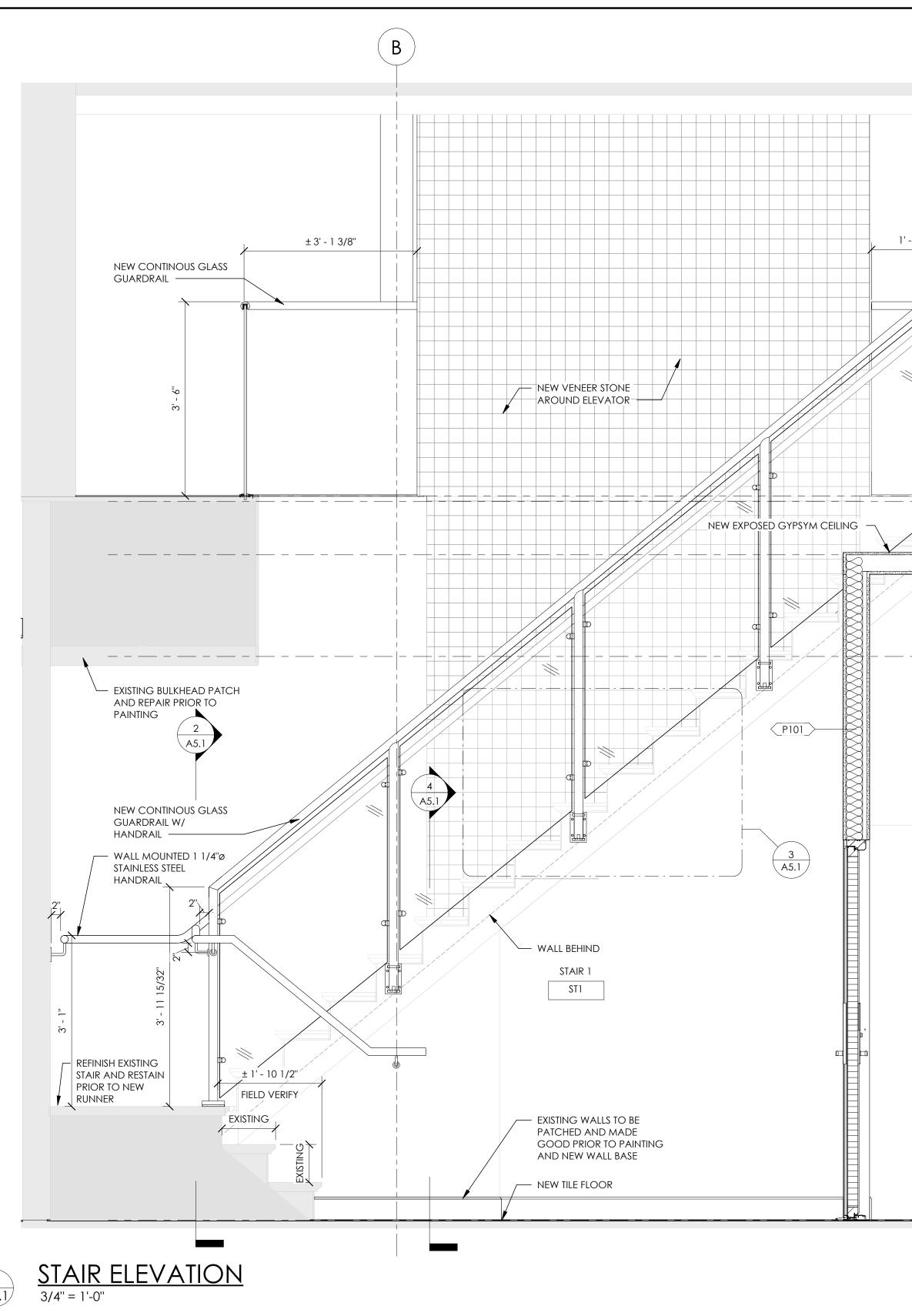




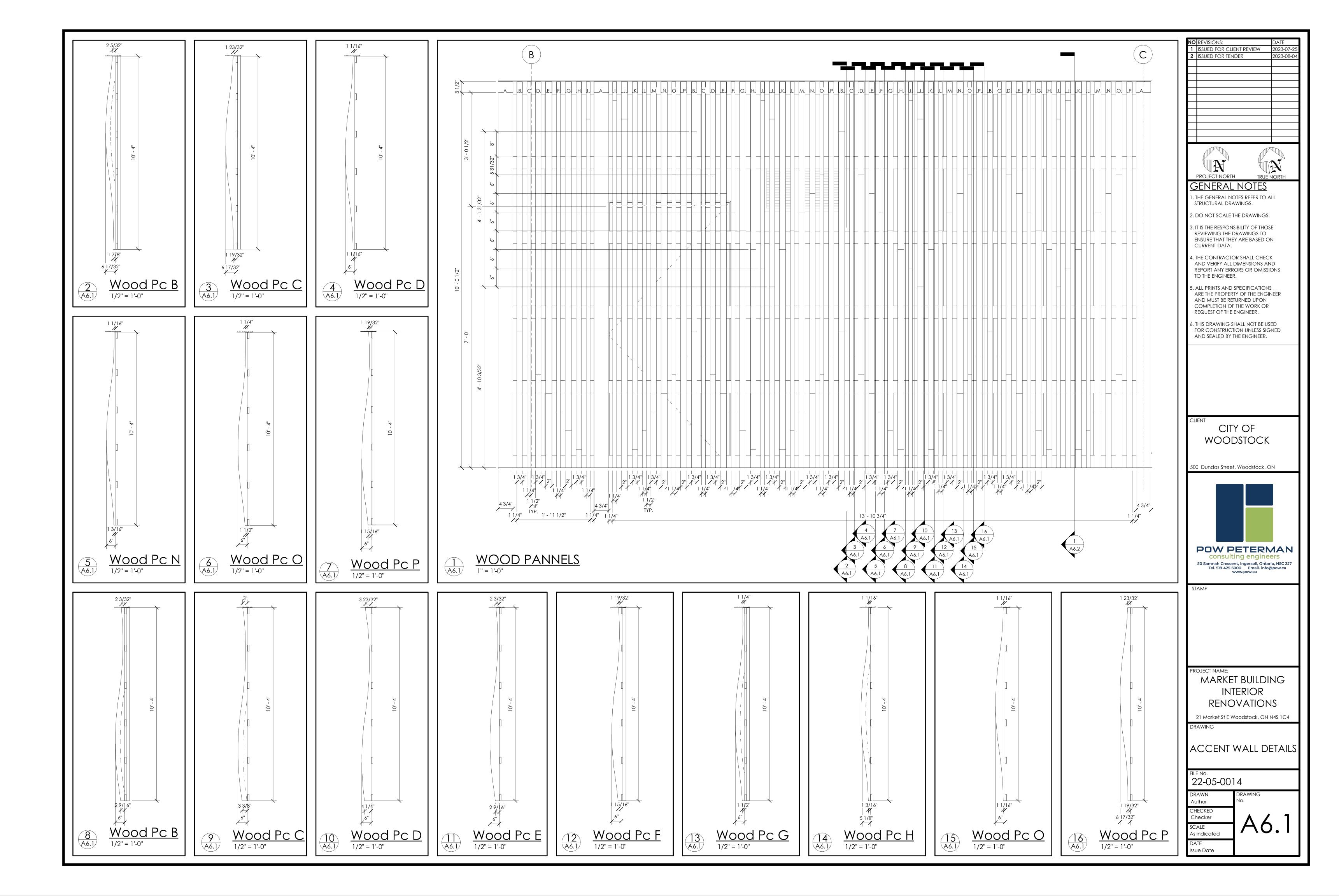






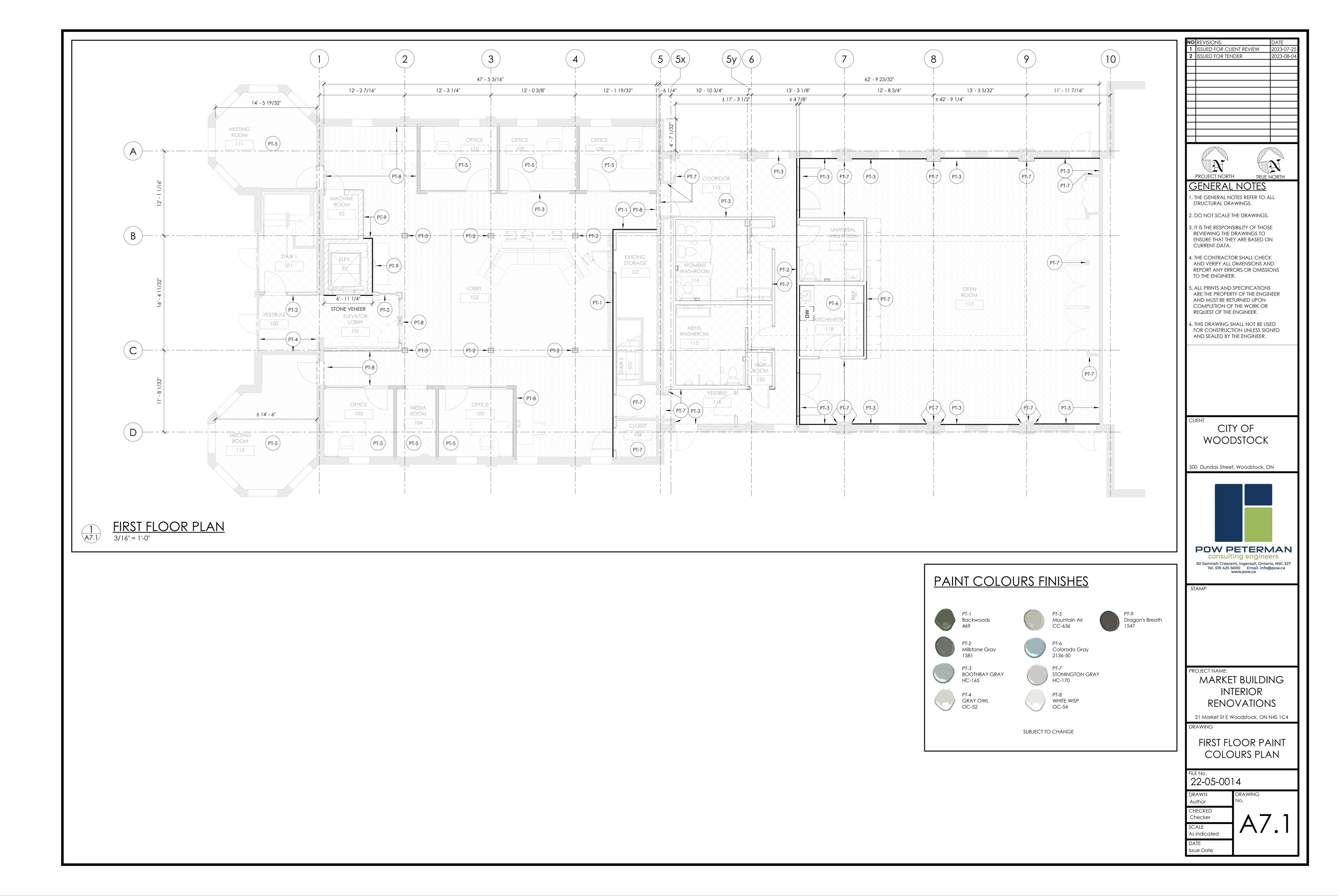


-11 1/32" 1'-0" SECOND FLOOR LOBBY 200 4 200 200	TACTILE INDICATOR SECOND FLR 13' - 0 3/4" I/O FLOOR JOIST 12' - 11 1/2" U/S FLR Joists 12' - 0"	NO REVISIONS: DATE 1 ISSUED FOR CLIENT REVIEW 2023-07-25 2 ISSUED FOR TENDER 2023-08-04 1 1 1
VESTIBULE 100	T/O GROUND FLR O	WOODSTOCK 500 Dundas Street, Woodstock, ON Stand Crescent, Ingersol, Ontario, NSC 337 Tel: 519 425 5000 Email: Info@powca STAMP PROJECT NAME: MARKET BUILDING INTERIOR RENOVATIONS 21 Market St E Woodstock, ON N4S 1C4 DRAWING STAIR ELEVATION AND DETAILS FILE NO: 20-05-001 4 DRAWING INTERIOR NOLETAILS DRAWING CHECKED CALE ACALE ACALE ACALE ATE





NO REVISIONS: DATE 1 ISSUED FOR CLIENT REVIEW 2023-07-25
2 ISSUED FOR TENDER 2023-08-04
PROJECT NORTH TRUE NORTH
<u>GENERAL NOTES</u>
1. THE GENERAL NOTES REFER TO ALL STRUCTURAL DRAWINGS.
2. DO NOT SCALE THE DRAWINGS.
3. IT IS THE RESPONSIBILITY OF THOSE REVIEWING THE DRAWINGS TO
ENSURE THAT THEY ARE BASED ON CURRENT DATA.
4. THE CONTRACTOR SHALL CHECK
AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS OR OMISSIONS
TO THE ENGINEER. 5. ALL PRINTS AND SPECIFICATIONS
5. ALL PRINTS AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER AND MUST BE RETURNED UPON
COMPLETION OF THE WORK OR REQUEST OF THE ENGINEER.
6. THIS DRAWING SHALL NOT BE USED
FOR CONSTRUCTION UNLESS SIGNED AND SEALED BY THE ENGINEER.
CITY OF WOODSTOCK
500 Dundas Street, Woodstock, ON
POW PETERMAN
consulting engineers 50 Samnah Crescent, Ingersoll, Ontario, N5C 3J7 Tel. 519 425 5000 Email. info@pow.ca
www.pow.ca
STAMP
PROJECT NAME:
MARKET BUILDING
INTERIOR
RENOVATIONS
21 Market St E Woodstock, ON N4S 1C4 DRAWING
ACCENT WALL DETAILS
FILE NO. 22-05-0014
DRAWN DRAWING
Checker A6.2
DATE Issue Date



PAINT COLOURS FINISHES

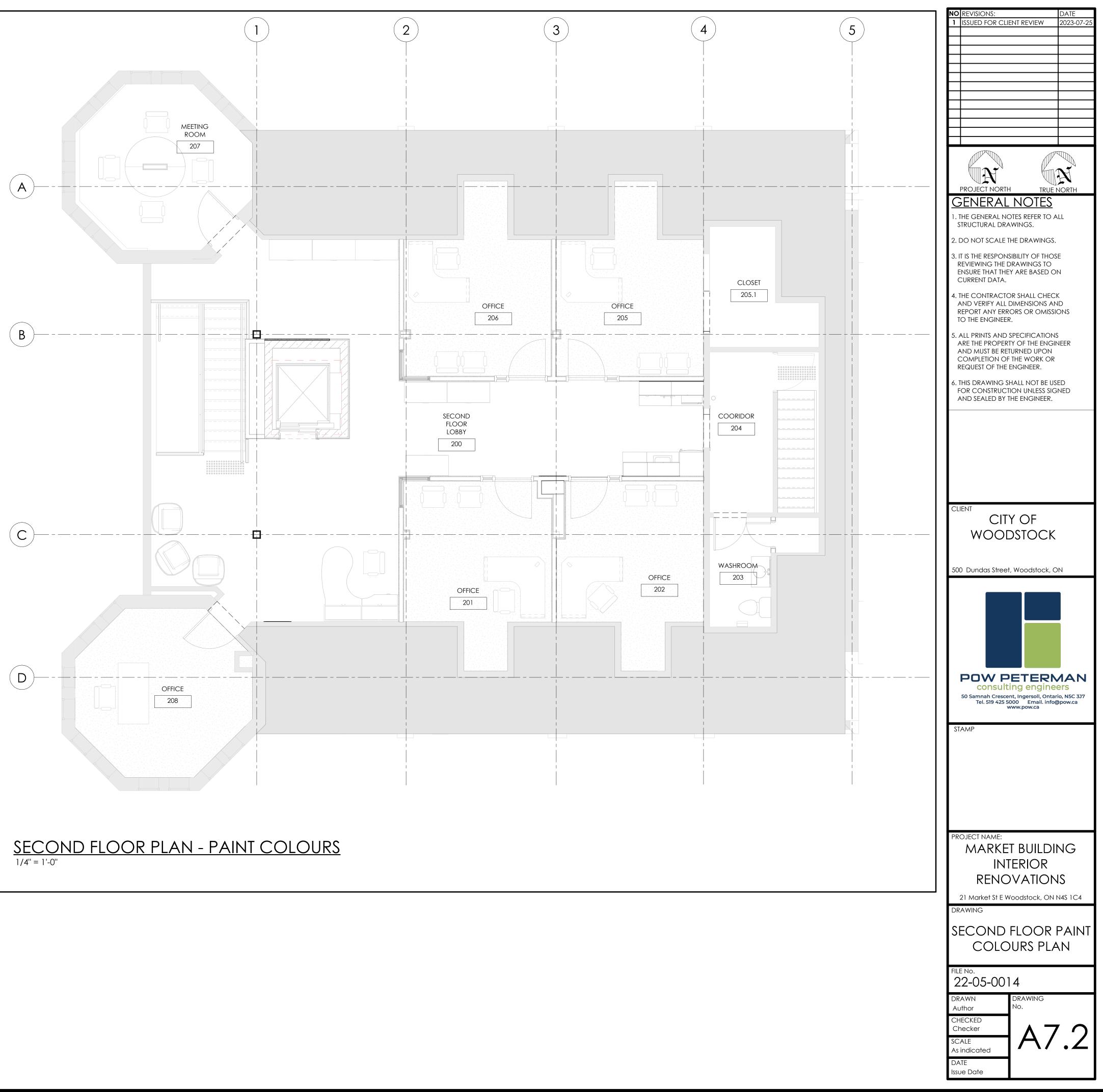


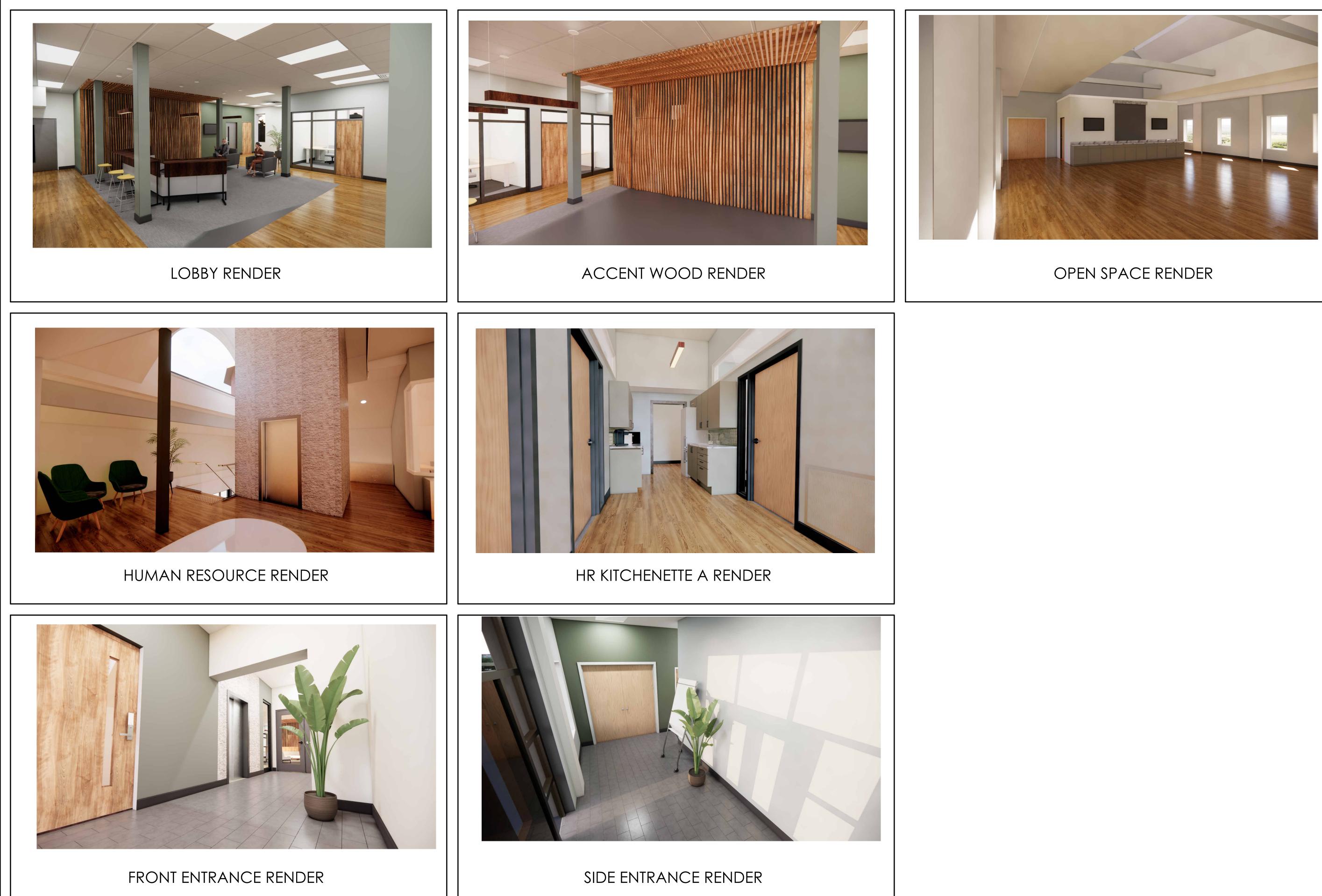


MIRAMICHI CC-752

SUBJECT TO CHANGE

1 A7.2





<u>GENERAL</u>

- CONFORM TO THE REQUIREMENTS OF THE OBC (ONTARIO BUILDING CODE) INCLUDING ALL STANDARDS REFERENCING THEREIN, AND ANY APPLICABLE ACTS OF AUTHORITY HAVING JURISDICTION. (LATEST VERSIONS OF CODES AND STANDARDS SHALL APPLY).
- READ STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTS.
- WHERE DISCREPANCIES EXIST BETWEEN CONTRACT DOCUMENTS INCLUDING DRAWINGS AND APPLICABLE CODES AND ACTS, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL CHARACTERISTICS AFFECTING NEW AND EXISTING CONSTRUCTION. CONTRACTOR SHALL CHECK ALL DIMENSIONS ON WORKING DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. ANY CHANGES, ALTERATIONS OR REVISIONS MUST BE REPORTED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- THESE DESIGN DOCUMENTS ARE PREPARED SOLELY FOR THE USE BY THE PARTY WITH WHOM THE DESIGN PROFESSIONAL HAS ENTERED INTO A CONTRACT AND THERE ARE NO REPRESENTATIONS OF ANY KIND MADE BY THE DESIGN PROFESSIONAL TO ANY PARTY WITH WHOM THE DESIGN PROFESSIONAL HAS NOT ENTERED INTO A CONTRACT.
- ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS - O.REG. 213/91.
- THE CONTRACTOR SHALL RETAIN AN INDEPENDENT INSPECTION AND TESTING COMPANY TO ENSURE THAT ALL WORK IS DONE IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. TESTING SHALL INCLUDE REINFORCING STEEL PLACEMENT, CONCRETE TESTS, SOIL BEARING AND COMPACTION TESTS, STRUCTURAL STEEL AND WELDING INSPECTIONS.
- IT IS THE RESPONSIBILITY OF BOTH THE OWNER AND THE CONTRACTOR TO NOTIFY THE ENGINEER OF REQUIRED INSPECTION AND TESTING. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A CONSTRUCTION SCHEDULE PRIOR TO STARTING THE WORK. GENERALLY, INSPECTION BY THE ENGINEER WILL BE REQUIRED FOR REBAR PRIOR TO CONCRETE PLACEMENT, FOOTING AND FOUNDATIONS PRIOR TO BACKFILLING, AND ABOVE GRADE FRAMING PRIOR TO INSTALLATION OF INTERIOR FINISHES.
- SUBSTITUTIONS FROM SPECIFIED PRODUCTS AND MATERIALS MUST BE APPROVED BY THE ENGINEER PRIOR TO ORDERING OF MATERIALS. THE CONTRACTOR SHALL REIMBURSE ALL CONSULTANTS FOR ADDITIONAL COSTS INCURRED AS A RESULT OF REVIEWING ANY CHANGES MADE TO THE CONTRACT DOCUMENTS.
- IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN ALL SHORING AND TEMPORARY BRACING AS PER O.REG. 213/91 AND THE CONTRACTOR SHALL RETAIN AN ENGINEER AS REQUIRED.

FOUNDATIONS

- A SOIL INVESTIGATION HAS BEEN DONE BY **COMPANY NAME** AS REPORTED IN THEIR SOIL REPORT: **<u>REPORT No. & DATE</u>**. READ THE REPORT, AND BE THOROUGHLY FAMILIARIZED WITH ITS FINDING.
- REMOVE ALL TOPSOIL, ORGANIC LOOSE FILL AND OTHER DELETERIOUS MATERIAL FROM BUILDING AREA BEFORE STARTING CONSTRUCTION.
- OVERBURDEN SOILS AT A SITE ARE PRONE TO DISTURBANCE BY THE WEATHER ELEMENTS AND CONSTRUCTION TRAFFIC. ACCORDINGLY A 2" (50mm) SKIM SLAB OF LEAN CONCRETE SHOULD BE PROVIDED OVER THE BASE OF THE APPROVED SUBGRADE IF STRUCTURAL CONCRETE CANNOT BE PROVIDED WITHIN 24 HOURS OF APPROVAL OF THE FOUNDATION BASE, OR WHERE THERE IS A THREAT OF INCLEMENT WEATHER.
- ALL EXCAVATIONS ARE TO BE SCRAPED CLEAN AND ALL WATER PUMPED PRIOR TO THE PLACEMENT OF REINFORCING STEEL OR CONCRETE, <u>NO EXCEPTIONS</u>.
- ALL FOOTINGS SHALL HAVE A MINIMUM BEARING CAPACITY OF 3000 PSF (144 KPa) OR AS SPECIFIED BY GEOTECHNICAL ENGINEER.
- PROOF-ROLL EXISTING FILL MATERIAL. REMOVE ANY LOOSE OR SOFTENED AREAS BENEATH SLAB-ON-GRADE BEFORE PLACING GRANULAR FILL.
- PLACE SLABS-ON-GRADE ON MATERIAL CAPABLE OF SAFELY SUPPORTING 150kPa WITHOUT SETTLEMENT RELATIVE TO THE BUILDING FOUNDATIONS. BEFORE COATING THE SLAB PLACE 6" (150mm) OF CLEAR CRUSHED STONE OR COMPACTED GRANULAR 'A' OVER THE SUB-BASE AND THOROUGHLY ROLL AND CONSOLIDATE TO THE LEVELS REQUIRED - SEE GEOTECHNICAL REPORT (IF APPLICABLE).
- FOUND ALL FOOTINGS BELOW THE LEVEL AT WHICH POTENTIAL DAMAGE RESULTING FROM FROST ACTION CAN OCCUR, A MINIMUM OF 4'-0" (1200mm) BELOW FINISHED EXTERIOR GRADE, UNLESS NOTED OTHERWISE.
- ANY NECESSARY PRECAUTIONS SHALL BE TAKEN TO ENSURE THAT EXISTING FOOTINGS ARE NOT DISTURBED OR UNDERMINED IN ANY WAY DURING EXCAVATION.

FOUNDATIONS CONTINUED

- 10. SOIL CONDITIONS, REINFORCING STEEL AND FORMWORK SHALL BE INSPECTED BY THE ENGINEER BEFORE PLACING CONCRETE. CONTRACTOR SHALL GIVE ENGINEER A MINIMUM 24 HOURS NOTICE TO CARRY OUT INSPECTION.
- DO NOT PLACE BACKFILL AGAINST WALLS 11. RETAINING EARTH (OTHER THAN CANTILEVERED RETAINING WALLS) UNTIL THE FLOOR CONSTRUCTION AT THE TOP AND BOTTOM OF THE WALLS IS COMPLETE.
- 12. WHERE THE SLAB-ON-GRADE IS USED TO LATERALLY RESTRAIN THE TOP OF AN EARTH-RETAINING WALL. ADEQUATELY SHORE THE WALL UNTIL THE SLAB HAS BEEN POURED AND OBTAINED 70% OF ITS SPECIFIED STRENGTH.
- 13. IN NO CASE SHALL HORIZONTAL CONTROL JOINTS BE ALLOWED IN ANY VERTICALLY SPANNING CONCRETE WALLS WITHOUT THE CONSENT OF THE ENGINEER.

<u>CONCRETE</u>

- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR WORKING WITH THE CONCRETE SUPPLIER TO ENSURE THAT THE PLASTIC AND HARDENED MIX PROPERTIES MEET SITE REQUIREMENTS FOR PLACING, FINISHING, AND THE OWNERS' SPECIFIED PERFORMANCE REQUIREMENTS. THE GENERAL CONTRACTOR SHALL MEET THE DOCUMENTATION AND QUALITY CONTROL REQUIREMENTS OUTLINED UNDER THE "PERFORMANCE" ALTERNATE OF TABLE 5 OF CAN/CSA-A23.1-14.
- THE CONCRETE SUPPLIER SHALL BE CERTIFIED BY THE READY MIXED CONCRETE ASSOCIATION OF ONTARIO - PROVIDE CERTIFICATION WITH MIX DESIGN SUBMISSION.
- ALL CONCRETE WORK TO CONFORM TO CSA 3. STANDARDS A23.1, A23.2 & A23.3
- CONCRETE PROPERTIES: CONCRETE MIX DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO USE AT THE JOB SITE.

GENERAL (AI	REA NOT INCLUDIN	IG PARK	KING
LOCATION OF CONCRETE	COMPRESSIVE STRENGTH (MPa) 28 DAYS U.N.O.	CLASS	COMMEN
FOOTINGS	20 MPa	Ν	
S.O.G. (INTERIOR)	25 MPa	Ν	
S.O.G. (INTERIOR)	32 MPa	C-2	
EXPOSED FOUNDATION WALLS	25 MPa	F-2	

- PORTLAND CEMENT SHALL BE TYPE GU UNLESS NOTED OTHERWISE.
- CONCRETE SHALL HAVE UNIT WEIGHT OF 23± 1 KN/M³ (145±5 PCF) UNLESS NOTED OTHERWISE.
- CEMENT TYPE FOR EXPOSURE CLASSES S-1, S-2, AND S-3 SHALL BE AS OUTLINED IN TABLE 3 OF CAN/CSA-23.1-14.
- AT THE REQUEST OF THE OWNER, THE SUPPLIER WILL 8. FURNISH TEST DATA RESULTS FOR EACH PROPOSED MIX DESIGN DEMONSTRATING THAT THEY MEET THE STRENGTH, DURABILITY, AND SHRINKAGE REQUIREMENTS SPECIFIED.
- MAXIMUM WATER/CEMENT RATIO AND AIR CONTENT TO MEET THE REQUIREMENTS FOR THE EXPOSURE CLASS AS OUTLINE IN TABLE 2, 4 AND 20 OF CAN/CSA-A23.1-14.
- 10. NO SLEEVES OR OPENINGS ARE TO BE PLACED VERTICALLY OR HORIZONTALLY THROUGH SLABS OR BEAMS UNLESS REVIEWED BY THE ENGINEER.
- 11. CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE T/3 THE THICKNESS OF THE SLAB. SPACING OF CONTROL JOINTS IN CONCRETE SLAB-ON-GRADE SHALL NOT EXCEED 30 TIMES THE THICKNESS OF THE SLAB OR 15'-0" (4500mm) UNLESS NOTED ON THE DRAWINGS.
- 12. ALL CONCRETE FORMS TO BE WET THOROUGHLY BEFORE POURING CONCRETE.
- 13. DO NOT ADD WATER TO CONCRETE UNLESS WRITTEN APPROVAL GIVEN BY THE ENGINEER. IF HIGHER SLUMP CONCRETE IS DESIRED, CONCRETE SUPPLIER SHALL DESIGN AND SUPPLY ACCORDINGLY.
- 14. SLUMP OF CONCRETE TO BE $3'' \pm 1''$ (75mm \pm 25mm) OR AS OTHERWISE SPECIFIED. CONCRETE WITH 41/2" (110mm) SLUMP OR MORE IS TO BE REJECTED.
- 15. CURING OF CONCRETE TO MEET THE REQUIREMENTS FOR THE EXPOSURE CLASS AS OUTLINED IN THE CLAUSE 7.4.1.7 AS WELL AS TABLES 2 AND 20 OF CAN/CSA-A23.1-14, CURING COMPOUNDS ARE NOT PERMITTED FOR SUSPENDED PARKING SLABS OR EXPOSURE CLASS C-XL CONCRETE. PARKING SLABS AND REINFORCED SLAB ON GRADES IN PARKING AREAS ARE TO BE CURED FOR MIN. 7 DAYS.
- NO CALCIUM CHLORIDE IS PERMITTED, IN ANY FORM, IN ANY CONCRETE MIX WITHOUT THE EXPRESS WRITTEN CONSENT OF POW ENGINEERING.

<u>CONCRETE</u>

17

17.	hot, c Claus As a M	G and Prc Cold Or Df Ges 7.4.1.8 a Minimum. Se Rements'' In
18.		ONCRETE EX
10.		ICK OR LESS
	. ,	TED SO AS T
		UT CAUSING
		TS IN THE HA
		RED OR SHA
		ACTION OF
	371131	
<u>CON</u>	<u>CRETE RE</u>	INFORCEM
1.	REINF	ORCEMENT
	FOLLC	DWING STAN
	1.a.	CAN/CSA
		MPA - 101
	1.b.	CSA STAN

1.e. 1.f. 1.g.	WELDED C RESISTING SHEAR WA (INCLUDIN TIES/STIRRU COLUMNS COLUMN G30.18-09 G30.1) CSA STANI STRANDS EPOXY REI ASTM D39 GALVANIZ
REQU	ORM TO THE IREMENTS OF DWING, UNLE FOR FIRE R

	2.a. F	OR FIRE RATIN	IGS:	
ELEMENT			FIRE RATINGS	
			0-2 HOURS	3 HOURS
STRUCTURAL SLAB		TOP COVER	25mm (30M=30mm)	35mm
	GRADE	BOT. COVER	30mm	30mm
RETAINI	NG WALLS	INSIDE FACE	25mm (30M=30mm)	35mm
(F-2 E)	xposure)	EARTH SIDE	40mm (30M=45mm)	40mm (30M=45mm)
	2.c. F 4 2.d. E 2.e. F 2.f. E	GROUND MINI ORMED FINISH Omm OR 1.5D XPOSURE CLA VHICHEVER IS IERS AND WA XPOSED TO D 2.5")	SS, F1, F2, S1, S2 GREATER.	VER. EXPOSED TO 2 OR EARTH CALS: 60mm
3.	ALL REINI FABRICA SPLICES S MINIMUN SPLICE TA	FORCING STEE TED TO INCLUI SHALL BE EQUA 1 OR IN ACCO ABLE AND ALL	EL SHALL BE SHO DE HOOKS AND AL TO 36 BAR DI, DRDANCE WITH HORIZONTAL BA AROUND CORN	P BENDS. LAP AMETERS THE LAP ARS SHALL BE
4.	PERMITTE	WELDING OF REINFORCING STEEL SHALL NOT BE PERMITTED UNLESS SPECIFICALLY NOTED ON THE DRAWINGS.		
5.	ALL REINFORCING STEEL FABRICATION AND PLACEMENT DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW BEFORE FABRICATION/INSTALLATION.			
6.	ALL OIL, GREASE, MUD AND DEBRIS SHALL BE ENTIRELY REMOVED FROM THE REINFORCING STEEL AND ANCHOR BOLTS PRIOR TO THE PLACEMENT OF CONCRETE. REBAR SHALL BE STORED ON SITE IN A MANNER TO BE KEPT CLEAN AND FREE FROM DELETERIOUS MATERIALS.			
7.	REINFORCING BARS, DOWELS AND ANCHOR BOLTS SHALL BE SECURELY TIED IN PLACE SO AS TO MAINTAIN THEIR EXACT POSITION BEFORE AND DURING PLACEMENT OF CONCRETE. BAR SUPPORTS SHALL ONLY BE MADE OF PRECAST CONCRETE BLOCKS, PLASTIC OR WIRE.			
8.	SUPPORT REINFORCING WITH CHAIRS, ACCESSORIES OR REINFORCING BARS AS REQUIRED. BARS USED AS SUPPORT BARS SHALL BE CONSIDERED AS ACCESSORIES.			
9.	REINFOR		FORMED WIRE F ITHOUT PRIOR AI	-
MASC	<u>DNRY</u>			
1.	CONFOR	M TO THE REG	QUIREMENTS OF	CSA A371-01.
2.			ARING MASON	

SHALL BASED			
type s load used f	BEAR	RING	BLO
MORTA 4.a.	TYP MA TYP	OMF E S: 1 X. 28 E N: X. 28	MIN B D A MII

JOB.

4.

CURING AND PROTECTION OF CONCRETE FOR RY WEATHER IS TO BE AS PER AND 7.4.2 OF CAN/CSA-A23.1-14

EE ALSO "COLD WEATHER N THE STRUCTURAL DRAWINGS. XCEPT SLABS ON GRADE 150mm

S SHALL BE MECHANICALLY TO COMPLETELY FILL THE FORM IG UNDUE SEGREGATION. ANY IARDENED CONCRETE SHALL BE ALL BE REPLACED TO THE THE CONSULTANT.

<u>1ENT:</u>

SHALL CONFORM TO THE NDARDS:

A-G30.18-09(R2014): GRADE 400 M AND LARGER (U.N.O) NDARD G30.5: GRADE 400 MPA -WELDED WIRE REINFORCEMENT 1.c. CAN/CSA-G30.18-09(R2014): GRADE 400 MPA - ALL REINFORCING THAT WILL BE OR IS PART OF THE SEISMIC S ELEMENTS: REINFORCING FOR ALLS, HEADERS AND ZONES NG ZONE TIES AND HEADER PROPERTY AND MOMENT FRAME S AND BEAMS (INCLUDING I TIES AND BEAM STIRRUPS). (NOTE: 9(R2014) MAY BE SUBSTITUTED FOR

NDARD G279: PRE-STRESSING

EINFORCING: ASTM A775M AND IIZED REBAR

E CONCRETE COVER

F CSA A23.1 AND THE **LESS NOTED OTHERWISE:** RATINGS:

NINIMUM FOR HOLLOW UNITS,

ALL BE USED THROUGHOUT FOR OCK. TYPE N MORTAR SHALL BE OR DECORATIVE BLOCK.

ESSIVE STRENGTHS:

IN. 28 DAY STRENGTH 8.5MPa DAY STRENGTH 12.0MPa AIN. 28 DAY STRENGTH 3.5MPa DAY STRENGTH 7.5MPa

- MORTAR MIX PROPORTIONS: 5.a. MIX ACCORDING TO TABLE 3 OR 4 OF CSA A179-01. MORTAR MIX SHALL BE TESTED FOR STRENGTH AND APPROVED BY THE ENGINEER PRIOR TO USE ON THE

<u>MASONRY</u>

- GROUT (WHERE CALLED FOR ON DRAWINGS): 6. 6.a. MIN. 28 DAY STRENGTH 20MPA
- ALL MASONRY WALLS TO BE CONSTRUCTED WITH 7. FULL MORTAR JOINTS.
 - SPACING OF MASONRY CONTROL JOINTS IN ALL WALLS SHALL NOT EXCEED 6000mm (20'-0") o.c. ALL REINFORCING TO BE DISCONTINUOUS AT CONTROL JOINTS. CONTROL JOINTS SHALL BE CAULKED WITH FOAM BACKER ROD AND SHALL NOT BE FILLED WITH MORTAR.
- ALL MASONRY WALLS SHALL BE REINFORCED WITH NO.9 STANDARD DUR-O-WAL TRUSS DESIGN (OR APPROVED EQUAL) HOT-DIPPED GALVANIZED CONTINUOUS REINFORCEMENT AT EVERY SECOND COURSE (400mm / 16"). REINFORCEMENT SHALL BE I NSTALLED IN THE FIRST AND SECOND BED JOINTS 200mm (8") APART, IMMEDIATELY ABOVE LINTELS AND BELOW SILLS. REINFORCEMENT IN THE SECOND BE JOINT ABOVE LINTELS AND BELOW SILLS SHALL EXTEND 600mm (2 FT.) BEYOND THE JAMB. ALL OTHER REINFORCEMENT SHALL BE CONTINUOUS AND SIDE RODS SHALL BE LAPPED AT LEAST 150mm (6") AT SPLICES. REINFORCEMENT SHALL BE PLACED AS TO ASSUME 16mm (5/8") MORTAR COVER ON THE EXTERIOR FACE OF WALL AND 12mm (1/2") COVER ON THE INTERIOR FACE OF WALL.

10. ALL MASONRY UNDER CONCENTRATED LOADS SHALL HAVE VOIDS FILLED WITH 20MPA GROUT FOR WIDTH AND DEPTH EQUAL TO 3 TIMES THE LENGTH OF BEARING.

- 11. ALL STEEL BEAMS AND JOINTS SHALL BE SUPPORTED BY BEARING PLATES DESIGNED ACCORDING TO THE REQUIREMENTS OF CAN/CSA \$16-01. THEY SHALL BE ANCHORED WITH MINIMUM 2-12mm X 450mm (1/2 X 18") HOOKED RODS WELDED TO THE PLATES AND EMBEDDED INTO GROUT FILL WITH A MINIMUM STRENGTH OF 20MPA.
- 12. ALLOWABLE BEARING STRESS ON MASONRY FOR DESIGN OF BEARING PLATES SHALL NOT EXCEED 1.2 MPA (175 PSI). PROVIDE BEARING PLATES FOR JOISTS SUPPORTED BY MASONRY WALLS.
- 13. FOR MASONRY OPENINGS NOT SHOWN ON DRAWINGS PROVIDE ONE L89X89X6.4 (3 1/2"X3 1/2"X 1/4") ANGLE FOR EACH 100mm (4") THICKNESS OF WALL OPENINGS UP TO 1200mm (4 FT.).
- 14. ALL MASONRY WALLS SHALL BE PROPERLY SHORED DURING CONSTRUCTION UNTIL STRUCTURAL STEEL AND SLABS ARE IN PLACE.

<u>TIMBER</u>

- LUMBER SHALL CONFORM TO CAN/CSA-086.1M-01, ENGINEERING DESIGN IN WOOD. ALL LUMBER SHALL BE NO. 1/NO. 2 KD (KILN DRIED) SPF (SPRUCE-PINE-FIR).
- LUMBER DIRECTLY EXPOSED TO WEATHER, IN DIRECT CONTACT WITH THE EARTH OR CONCRETE SHALL BE PRESSURE TREATED IN ACCORDANCE WITH CAN/CSA 080-97 UNLESS OTHERWISE SPECIFIED.
- NEW LUMBER IDENTIFIED AS 'PT' SHALL BE PRESSURE TREATED SPRUCE. TREATMENT RATING SHALL BE FOR ABOVE CONTACT WITH ACA, CCA, ACQ OR COPPER IN ACCORDANCE WITH CSA 080-97, WOOD PRESERVATION. ALL CUT ENDS, CUT EDGES AND BOLT HOLES SHALL BE LIBERALLY BRUSH COATED WITH A COMPATIBLE COMMERCIAL PREPARATION.
- PRESSURE TREATED LUMBER OF 38mm (1.5") SMALLER DIMENSION SHALL NOT BE INCISED.
- PLYWOOD SHALL BE DOUGLAS FIR PLYWOOD CONFORMING TO CSA 0121-M1978, DOUGLAS FIR PLYWOOD, OR SOFTWOOD PLYWOOD (SPRUCE) CONFORMING TO CSA 0151-M1978, CANADIAN SOFTWOOD PLYWOOD. UNLESS OTHERWISE NOTED ALL PLYWOOD SHALL BE 1/4 IN.
- SAWN LUMBER: CONFORM TO THE REQUIREMENTS OF CAN/CSA-0141-05. ALL SAWN LUMBER TO BE SPF NO. 1/ NO. 2, UNLESS NOTED OTHERWISE.
- TIMBER MATERIALS REQUIRED FOR REPAIRS OF EXISTING ROOFING, SIDING, TRIM, ETC. SHALL BE SELECTED, INSTALLED AND FINISHED TO MATCH THE FXISTING
- 7.a. NOTE: SAVE FOR THE SPECIFIED REPAIRS TO THE SUBJECT AREA(S), ALL OTHER REPAIRS ARE TO BE UNDERTAKEN ONLY AS/WHERE REQUIRED TO FACILITATE AND/OR MAKE GOOD THE SPECIFIED STRUCTURAL WORKS.
- DESIGN OF WOOD ROOF TRUSS SYSTEM: 8.a. REFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE DETAILS AND DESIGN LOADS SHOWN ON THE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS, AND SHALL CONFORM TO THE REQUIREMENTS OF CSA 086. SHOP LAYOUT OF THE TRUSSES, BRIDGING, BRACING, AND BEARING DETAILS (INCLUDING HOLD-DOWN CLIPS) SHALL BEAR THE STAMP OF A LICENSED PROFESSIONAL ENGINEER OF THE PROVINCE OF ONTARIO AND SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW BEFORE FABRICATION.
- 8.b. DETAIL TRUSSES TO BEAR FLAT ON THE BOTTOM CHORD AT ALL BEARING WALLS. 8.c. SITE REVIEW OF ROOF TRUSS SYSTEM: THE TRUSS SYSTEM SHALL BE INSPECTED BY THE TRUSS DESIGN ENGINEER RETAINED BY THE TRUSS SUPPLIER. SUBMIT INSPECTION REPORTS TO THE ARCHITECT AND THE ENGINEER AS REQUIRED FOR RECORD PURPOSES.

ALL TIMBER FOR WOOD TRUSSES SHALL BE KILN DRIED AND WELL SEASONED IN ORDER TO PREVENT POSSIBLE DISTORTION OR DEFORMATION OF THE TRUSSES.

TIMBER CONTINUED

- 10. TIMBER HARDWARE SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED: 10.a. BOLTS SHALL BE AS SPECIFIED IN THE DETAILS CONFORMING TO ASTM 10.b. LAG SCREWS SHALL BE AS SPECIFIED CONFORMING TO ASTM 10.c. THREADED ROD SHALL BE BE AS SPECIFIED CONFORMING TO ASTM A307. (THREADED ROD MAY BE USED IN LIEU OF LONG BOLTS.) 10.d. NUTS SHALL BE HEX-HEAD AND
 - COMPATIBLE WITH THE BOLTS.
 - 10.e. WASHERS SHALL BE CUT PLATE WASHERS MEASURING NOT LESS THAN 11/2 IN. SQUARE, OR NOT LESS THAN 1¾ IN. DIAMETER ROUND. ALL
 - WASHERS SHALL BE NOT LESS THAN 1/8" THICK. 10.f. NAILS SHALL BE COMMON ROUND WIRE NAILS OR COMMON SPIRAL
 - NAILS OF THE LENGTHS SHOWN IN THE DETAILS HEREON, ALL CONFORMING TO CSA B111. ALL NAILS SHALL BE GALVANIZED OR OTHERWISE CORROSION RESISTANT. 10.g. ALL CONNECTORS AND FASTENERS
 - USED FOR ACQ OR CA TREATED WOOD SHALL BE HOT DIP GALVANIZED STEEL AS PER ASTM A653 AND ASTM A153 RESPECTFULLY.

ALL BOLTS SHALL BE TORQUED TO THE MAXIMUM 11. POSSIBLE, BUT SUCH THAT THE WASHERS ARE EMBEDDED TO NOT MORE THAN 1/16 IN. INTO THE WOOD AND SUCH THAT THE WASHERS DO NOT 'CUP' MORE THAN 1/32 IN.

- 12. NAILING REQUIREMENTS:
 - 12.a. VERTICAL STUDS TO BOTTOM PLATES 4-76mm (3") ARDOX NAILS. 12.b. VERTICAL STUDS TO TOP PLATES 4-89mm (3 1/2") ARDOX NAILS.
 - 12.c. CONNECTION OF ROOF TRUSSES TO PLATES TO BE DESIGNED BY TRUSS ENGINEER
 - 12.d. WIND BRACING (PER TRUSS) TO BE DESIGNED BY TRUSS ENGINEER.
 - 12.e. BRIDGING (PER TRUSS) TO BE DESIGNED BY TRUSS ENGINEER. 12.f. LINTEL 89mm (3 1/2") ARDOX NAILS @ 300mm (12") o.c. HORIZONTAL
 - STAGGERED. 12.g. WALL SHEATHING 38mm (1 1/2") ARDOX NAILS @ 200mm (8") o.c. TO STUDS AND PLATES, UNLESS NOTED
- 13. ALL EXISTING WOOD FRAMING TO BE "SISTER" OR "LAMINATED" WITH ADDITIONAL WOOD REINFORCING IS TO BE GLUED/ADHERED AND SCREWED/NAILED AS
- WHERE NEW TIMBER MEMBERS OR PLYWOOD ARE TO BE GLUED TO EXISTING LUMBER MEMBERS, THE CONTRACTOR SHALL INSTALL ENOUGH NAILS AND/OR SCREWS TO PROVIDE SUFFICIENT PRESSURE TO DEVELOP ADEQUATE GLUE LINES. THE NAILING/SCREWING PATTERNS SHOWN ON THE DETAILS ARE THE MINIMUM REQUIRED; THE CONTRACTOR SHALL INSTALL ADDITIONAL FASTENERS AS/AND WHERE NEEDED.
- UNDERTAKE GLUING ON DRY, PROPERLY PREPARED 15. CLEAN SURFACES ONLY AND WHEN THERE IS NO SIGNIFICANT THREAT OF RAIN FOR THE GLUE'S SPECIFIED CURE TIME.
- ADHESIVE SHALL BE A WATERPROOF PHENOLIC RESIN, 16. RESORCINOL RESIN, POLYURETHANE RESIN, EPOXY-BASED RESIN, OR EQUIVALENT ADHESIVE THAT IS SUITABLE FOR GLUING WOOD, FOR FIELD USE AND FOR THE TEMPERATURES THAT WILL PREVAIL DURING THE COURSE OF THE WORK. APPLY SUFFICIENT ADHESIVE TO COVER THE ENTIRE FACE OF THE LUMBER TO BE GLUED. THREE SUITABLE ADHESIVES ARE: 16.a. BULLDOG GRIP PL PREMIER 16.b. BULLDOG GRIP PL 400
- 16.c. LUMBERLOCK 17. ALL STUD WALLS SHALL BE ANCHORED TO THE FOUNDATION OR FLOOR SLAB WITH 16mm (5/8")
- DIAMETER ANCHOR BOLTS AT 1200 (4 FT.) o.c. MAXIMUM. 18 STRUCTURAL COMPOSITE LUMBER: 18.a. LVL: SELECTEM GRADE 2.0E AS SUPPLIED BY TEMBEC FOREST PRODUCTS GROUP, OR APPROVED EQUIVALENT. 18.b. WOOD I-JOISTS: JSI JOIST AS SUPPLIED BY JAGER BUILDING SYSTEMS INC., OR APPROVED EQUIVALENT. 18.c. PSL: PARALLAM GRADE 2.0E AS SUPPLIED BY TRUS-JOIST MACMILLAN, OR APPROVED
- GLULAM MEMBERS:
 - A) CONFORM TO CAN/CSA-0122-06 B) SPECIES: ***DOUGLAS FIR-LARCH ***SPRUCE-PINF C) STRESS GRADE: ***24 F-E ***20F-E

EQUIVALENT.

- 20. MEMBERS NOTED HEREON AS "LVL" OR "GLULAM" SHALL BE E2.0 LAMINATED VENEER LUMBER, OR E2.0 STRUCTURAL COMPOSITE LUMBER, I.E., "PARALLAM", AS MANUFACTURED BY WEYERHAEUSER OR EQUIVALENT, AND OF THE SIZES SHOWN HEREON. MEMBER WIDTH SHALL BE AS NOTED HEREON. MEMBER DEPTH SHALL BE NOT LESS THAN THAT SHOWN HEREON AND FACTORY-RIPPED FROM A LARGER STANDARD SIZE IF REQUIRED. ALL MEMBERS TO BE CONTINUOUS ALONG THERE SPAN UNLESS OTHERWISE SPECIFIED AND DETAILED. CONTRACTOR TO NOTIFY ENGINEER IF CONTINUOUS SPANS ARE NOT POSSIBLE.
- RE-TIGHTEN ALL BOLTED CONNECTIONS SIX 21. MONTHS AFTER FIRST INSTALLATION AND EVERY SIX MONTHS THEREAFTER UNTIL NO APPRECIABLE CHANGE IS EVIDENT.

<u>STEEL</u>

THE DESIGI

- **PROJECT** CODE OF BUILDING (THE FOLLO
- LATEST REV CAN/CSA-
- CAN/CSA CAN/CSA-

CAN/CSA-

FABRICATORS:

- FABRICATORS MU INSTITUTE OF STEEL SPECIFICATION FC MATERIALS STRUCTURAL STEEL
- CONFORM TO C GRADE 350W FOR GRADE 300W FOR COLD-FORMED S

HOLLOW STRUCTU CONFORM TO CA GRADE 350W CLA WELDING: ELECTRODES TO BE

CAN/CSA W178.1 ORGANIZATIONS

8.

10.

11.

CAN/CSA W178.2

- LEVEL II OR III (APP
- CAN/CSA W47.1-0 FOR E) WELDING

AND 100mm (4") VERTICAL

OTHERWISE.

PER THE DETAILS AND SPECIFIED HEREON.

14.

SIEEL		
1.	THE DESIGN AND CONSTRUCT PROJECT IS TO CONFORM TO CODE OF CANADA (CURREN BUILDING CODE (CURRENT EE THE FOLLOWING CSA STANDA LATEST REVISIONS:	THE NATIONAL BUILDING T EDITION), THE ONTARIO DITION) (REG. 423/06) AND
	CAN/CSA-S16-14	"LIMIT STATES DESIGN
	CAN/CSA \$16\$1-05 CAN/CSA-G40.20/21-13	OF STEEL STRUCTURES" "SUPPLEMENT" "GENERAL REQUIREMENTS FOR ROLLED OR WELDED STRUCTURAL QUALITY STEEL"
	CAN/CSA-S136-16	"COLD FORMED STEEL STRUCTURAL MEMBERS"
fabri Instit	CATORS: CATORS MUST BE REGISTERED W UTE OF STEEL CONSTRUCTION. SI FICATION FOR ADDITIONAL INFO	EE STRUCTURAL STEEL
struc CONI GRAE	RIALS: CTURAL STEEL: FORM TO CAN/CSA-G40.20/G4 DE 350W FOR W-SECTIONS DE 300W FOR ALL OTHERS	10.21
CON	D-FORMED STEEL: FORM TO CAN/CSA-S136-16 STRENGTH Fy=350MPA (MINIMU	M)
CONI GRAE WELD ELECI	OW STRUCTURAL STEEL SECTION: FORM TO CAN/CSA G40-20/ G4 DE 350W CLASS C OR H AS SPEC ING: FRODES TO BE IN ACCORDANCE RODES AND APPROVED BY CW	0.21-13 IFIED IN COLUMN TABLE E WITH W59 SECTION 5.2
ALL W	/ELDS ARE SUBJECT TO THIRD PA	RTY WELD INSPECTION
	CSA W178.1-14 CERTIFICATE OF	WELDING INSPECTION
CAN/	CSA W178.2-14 CERTIFICATION	OF WELDING INSPECTORS,
LEVEL	II OR III (APPROPRIATE CATEGO	RY)
	CSA W47.1-09(R2014) CERTIFICA WELDING OF STEEL DIVISION 1	
ALLO	L INSPECTION TO BE SUPPLIED BY WANCES'' ALL RE-WORK AND RE OST OF THE STEEL FABRICATOR	
CON	S NUTS WASHERS: FORM TO ASTM A325 INSTALLED ICSA S16-14	IN ACCORDANCE WITH
	HOR BOLTS: FORM TO ASTM F1554 GRADE 55	5
2.	SECTIONS NOT ROLLED IN G4	0.21-13 300W SHALL

SECTIONS NOT ROLLED IN G40.21-13 300W SHALI CONFORM TO OR EXCEED THE REQUIREMENTS OF ASTM STANDARD A36.

3. EXAMINE THE EXISTING STRUCTURE (WHERE APPLICABLE) and verify all dimensions and sizes shown on th DRAWINGS AS REQUIRED FOR THE PROPER INSTALLATION OF THE WORK PRIOR TO DETAILING AND THE SUBMISSION OF SHOP DRAWINGS. REPORT ANY DISCREPANCIES RESULTING FROM THE EXISTING CONDITIONS TO THE ARCHITECT OR ENGINEER.

> SUBMIT DRAWINGS AND CALCULATIONS OF TYPICAL CONNECTION DETAILS FOR APPROVAL PRIOR TO THE PRE-CONSTRUCTION MEETING AND PRIOR TO PROCEEDING WITH DETAILING.

USE METHODS TO ASSURE SAFE WORKING CONDITIONS IN ACCORDANCE WITH APPLICABLE SAFETY LAWS TO PREVENT COLLAPSE OF ANY SECTION, TO PREVENT DAMAGE TO THE FACILITIES INDICATED TO REMAIN IN PLACE, AND TO NEW CONSTRUCTION.

ALL STRUCTURAL STEEL SHALL BE STRAIGHT TO VISUAL EXAMINATION. ALL STRUCTURAL STEEL SHALL BE THOROUGHLY CLEANED OF ALL LOOSE MILL SCALE, DIRT, OIL, OR FOREIGN MATTER BEFORE SHOP PAINTING. SHOP PAINT SHALL CONFORM TO CGSB SPECIFICATION 1-GP-40M.

NO BURNING OF THE STRUCTURAL STEEL IS PERMITTED UNLESS WRITTEN APPROVAL FROM THE ENGINEER AND OWNER NO EXCEPTIONS.

STRUCTURAL STEEL CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AS REQUIRED UNTIL ALL CONNECTIONS HAVE BEEN MADE AND DIAPHRAGM FLOOR AND ROOF SYSTEMS ARE IN PLACE. ALL BRACING MEMBERS ARE TO BE ABOUT THE CENTERLINE OF THE STRUCTURAL STEEL MEMBER SUBJECT TO BRACING, THIS INCLUDES NON-SHRINK GROUT INSTALLATION FOR BASE PLATES.

WHERE IT IS NECESSARY TO PROVIDE HOLES FOR PIPES, CONDUITS, ETC. IN THE WEBS OF BEAMS OR COLUMNS IN THE FIELD, THE CONTRACTOR WHOSE TRADE REQUIRES THE OPENINGS SHALL BE RESPONSIBLE FOR REINFORCING THESE MEMBERS TO THE APPROVAL OF THE ENGINEER.

PROVIDE MINIMUM 75x75x6.4 (3x3x1/4") CONTINUOUS PERIMETER ANGLE c/w 75x75x6.4 OUT RIGGER SUPPORTS AS/AND WHERE REQUIRED TO PROVIDE CONTINUOUS DIAPHRAGM OF ALL ROOF FRAMING UNLESS OTHERWISE NOTED.

TOP OF COLUMNS WHICH ARE NOT BRACED BY JOISTS SHALL BE BRACED DIAGONALLY TO THE ROOF OR FLOOR BY A MINIMUM OF [4]-L75X75X6.4 (L3X3X1/4") ANGLES FOR INTERIOR COLUMNS; A MINIMUM OF [2]- L75X75X6.4 (L3X3X1/4" FOR EXTERIOR COLUMNS. BRACING SHALL BE BETWEEN TOP OF COLUMN AND TOP CHORD OF THE JOIST.

12. COLUMN BASE PLATES AND BEAM BEARING PLATES SHALL BE GROUTED WITH 40mm (1.5 INCHES) NON-SHRINK GROUT F'C=40MPA (MINIMUM).

STEEL CONTINUED 13. ALL BEAMS CANTILEVERED OR CONTINUOUS OVER A COLUMN OR OTHER SUPPORT AND BEAMS SUPPORTING COLUMNS SHALL HAVE A MINIMUM OF [2]-9.5mm (3/8 INCH) STIFFENERS EACH SIDE OF THE WEB UNLESS NOTED

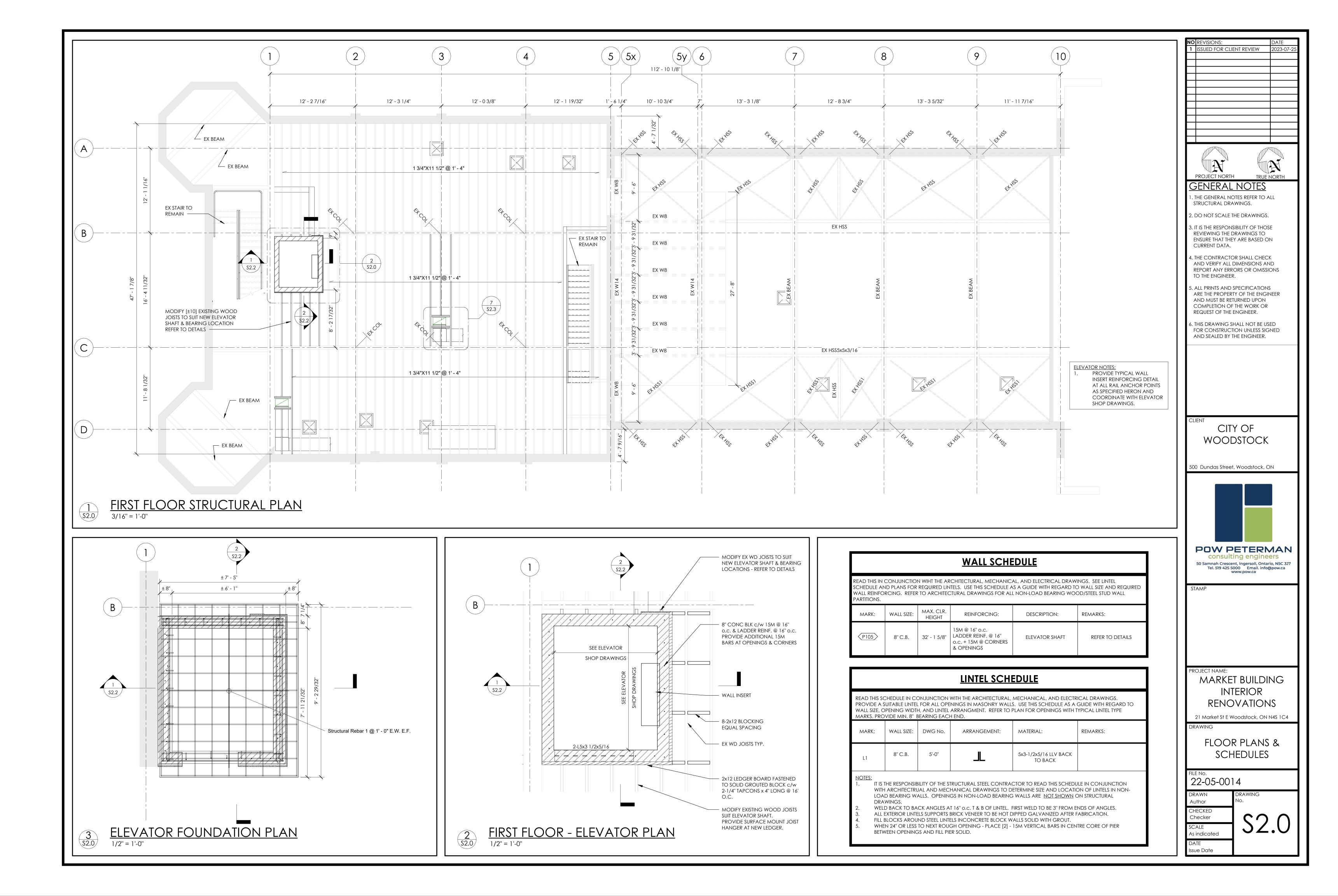
OTHERWISE.

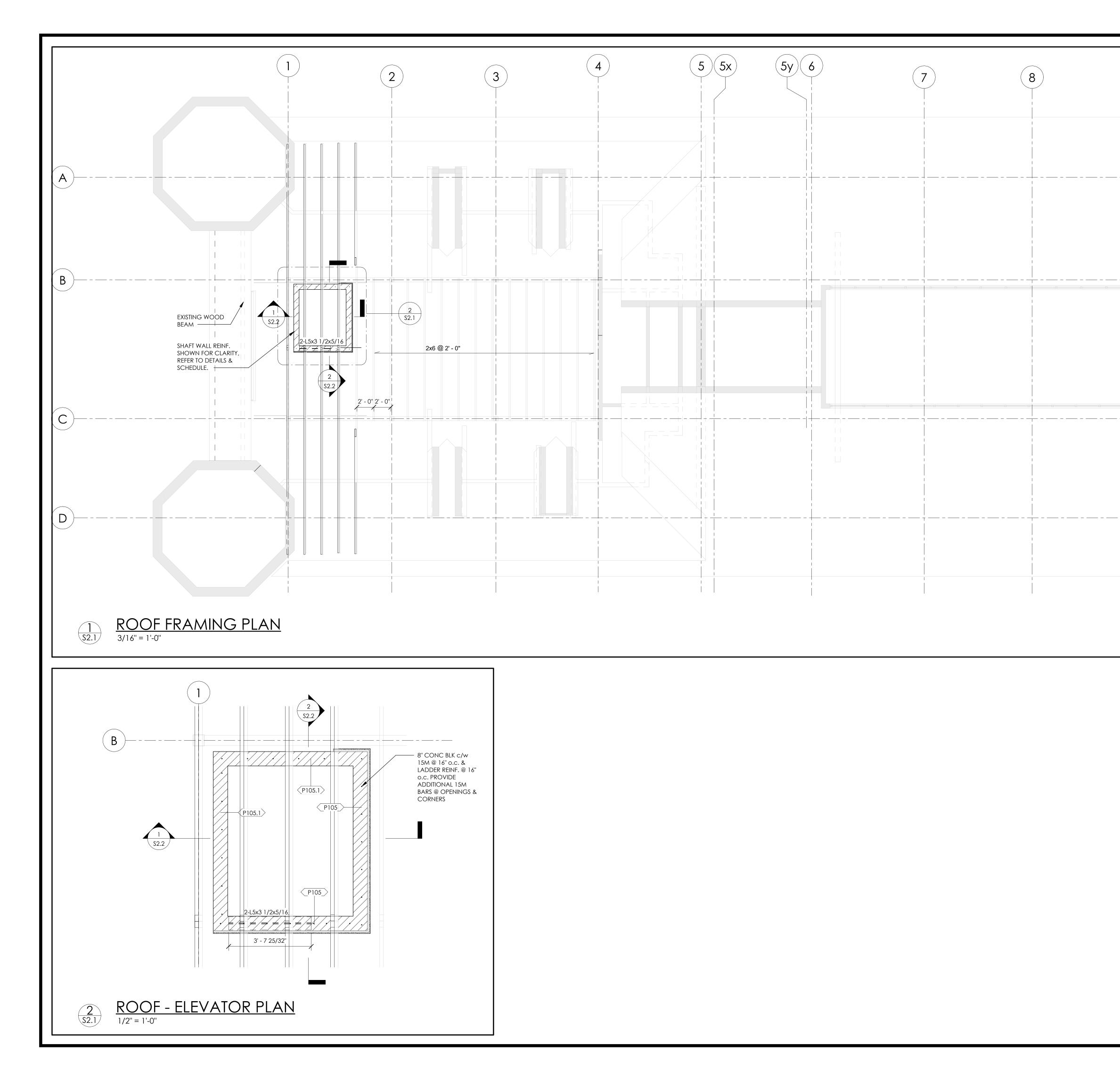
- 14. ALL COLUMNS CONSTRUCTED INTO MASONRY WALLS SHALL HAVE ADJUSTABLE ANCHORS AT A MINIMUM 400mm (16 INCHES) ON CENTER. STRUCTURAL STEEL FABRICATOR IS TO COORDINATE WITH MASONRY CONTRACTOR REGARDING BLOCK COURSING AND ADJUSTABLE ANCHOR INSTALLATION. ADJUSTABLE MASONRY ANCHORS SHALL BE WELDED TO THE COLUMN PRIOR TO ERECTION ON-SITE.
- 15. STEEL DIRECTLY EXPOSED TO WEATHER OR AS NOTED ON THE DRAWINGS SHALL BE HOT DIP GALVANIZED (HDG) OR SHALL RECEIVE A SURFACE PREPARATION CONFORMING TO SSPC-SP6 COMMERCIAL BLAST CLEANING, AND SHALL RECEIVE ONE [1] COAT OF I NORGANIC ZINC RICH PRIMER CONFORMING TO CGSB SPECIFICATION 1-GP-171M FOR A TOTAL PRIMER THICKNESS OF 0.08mm.
- 16. WHERE HOT DIP GALVANIZED (HDG) IS SPECIFIED, IT SHALL BE IN ACCORDANCE WITH G164-M92(R2003) (MINIMUM ZINC COATING 600GSM).
- 17. STRUCTURAL STEEL ENCASED IN CONCRETE ABUTTING SURFACES OF SLIP-RESISTANT CONNECTIONS AND ADJACENT TO AREAS TO BE FIELD WELDED, SHALL NOT BE PRIMED OR PAINTED. NO EXCEPTIONS

<u>LINTELS</u>

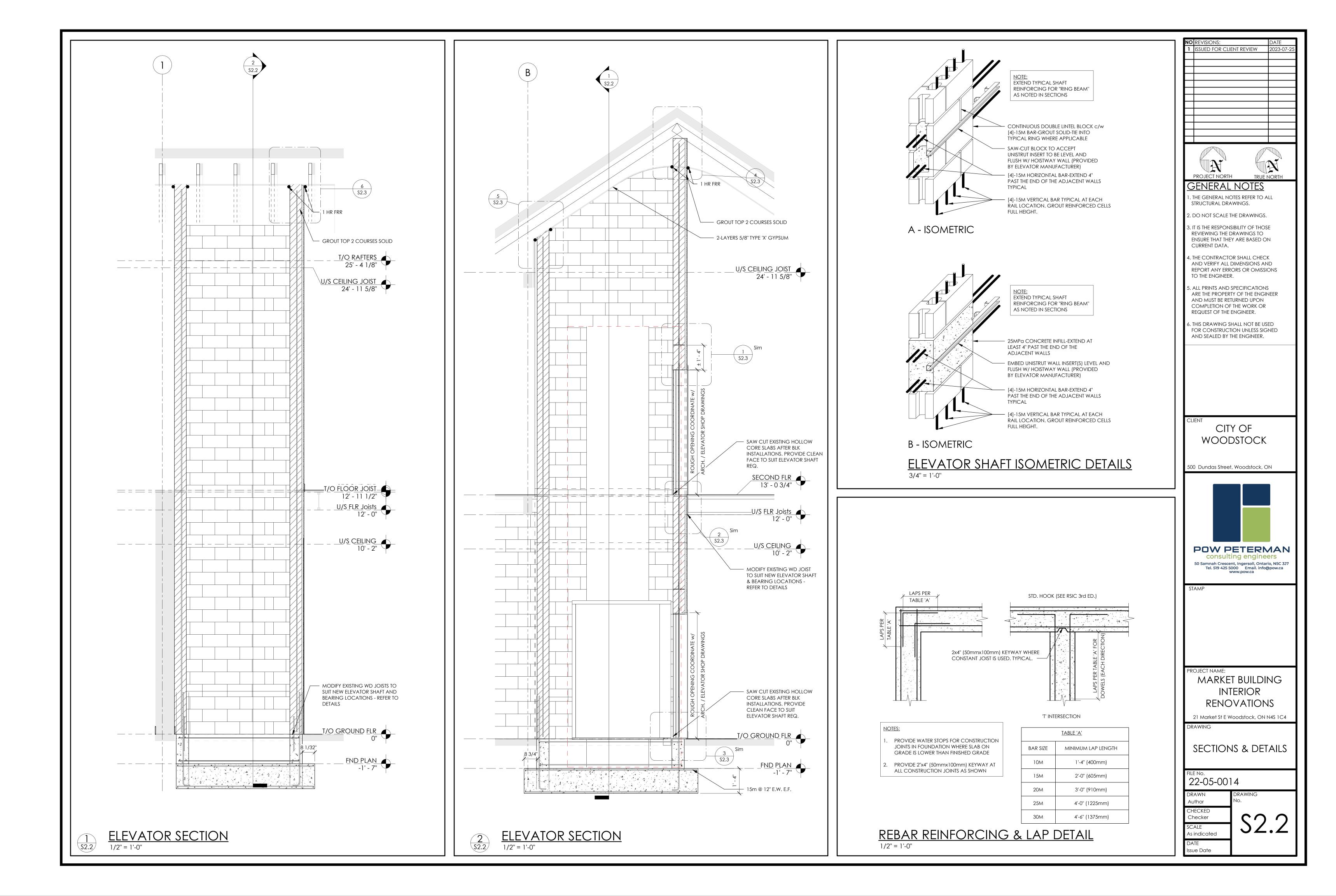
- STEEL BEAMS SHALL HAVE 200mm (8 INCHES) MINIMUM END BEARING ON MASONRY AND LINTELS BEARING ON STEEL SHALL BEAR ABOUT THE CENTRELINE OF THE SUPPORTING MEMBER, UNLESS NOTED OTHERWISE.
- STEEL LINTELS SHALL HAVE A MINIMUM BEARING LENGTH OF 200mm (8 INCHES). LINTELS MADE UP OF TWO ANGLES SHALL BE WELDED TOGETHER WITH A MINIMUM 4.8mm X 50mm (3/16 X 2 INCHES) WELD TOP AND BOTTOM AT 400mm (16 INCHES) CENTRE OF WELD TO CENTRE OF WELD. WELD A MINIMUM OF 75mm (3 INCHES) AT END BEARING LOCATION OF LINTEL TYPICAL.

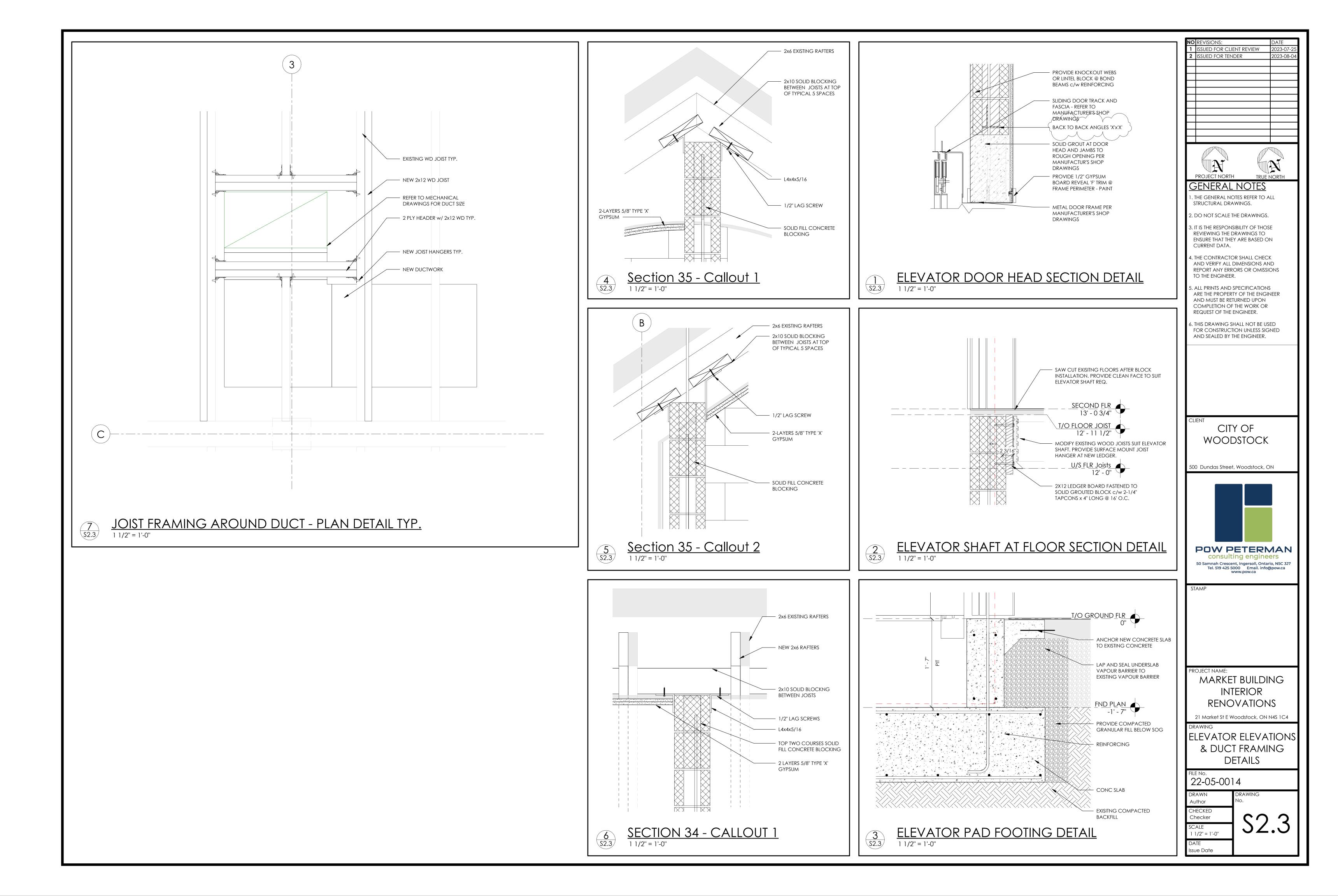
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9	NO REVISIONS: DATE 1 ISSUED FOR CLIENT REVIEW 2023-07-25
	PROJECT NORTH TRUE NORTH GENERAL NOTES REFER TO ALL STRUCTURAL DRAWINGS. 2. DO NOT SCALE THE DRAWINGS. 3. IT IS THE RESPONSIBILITY OF THOSE
	 A. THE REDICTION FOR THE REVIEWING THE DRAWINGS TO ENSURE THAT THEY ARE BASED ON CURRENT DATA. 4. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS OR OMISSIONS TO THE ENGINEER. 5. ALL PRINTS AND SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER
	 AND MUST BE RETURNED UPON COMPLETION OF THE WORK OR REQUEST OF THE ENGINEER. 6. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AND SEALED BY THE ENGINEER.
	CLIENT
	CITY OF WOODSTOCK 500 Dundas Street, Woodstock, ON
	POW PETERMAN
	STAMP
	PROJECT NAME:
	MARKET BUILDING INTERIOR RENOVATIONS 21 Market St E Woodstock, ON N4S 1C4 DRAWING
	ROOF FRAMING PLAN FILE NO. 22-05-0014 DRAWN DRAWING
	AuthorNo.CHECKED CheckerSCALE As indicatedDATE Issue DateS22.1





GENERAL LEGEND	
SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
EX	EXISTING
NTS	NOT TO SCALE
REL	RELOCATE FROM THIS LOCATION
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED/RELOCATED
RTU	EQUIPMENT TAG
✓ R ¬	ITEM TO BE RELOCATED

PLUMBING ABBREVIATIONS	
SYMBOL	DESCRIPTION
CO	CLEAN OUT
CW	COLD WATER
DWH	DOMESTIC WATER HEATER
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER (REFER TO SPEC FOR TYPE)
HW	HOT WATER
KS	KITCHEN SINK (REFER TO SCH FOR TYPE)
L	LAVATORY (REFER TO SCH FOR TYPE)
MS	MOP SINK (REFER TO SCH FOR TYPE)
SH	SHOWER (REFER TO SCH FOR TYPE)
WC	WATER CLOSET (REFER TO SCH FOR TYPE)
WH	WATER HTR (REFER TO SCH FOR TYPE)

PLUMBING & SPRINKLER LEGEND	
SYMBOL	DESCRIPTION
	SANITARY DRAIN BELOW FLOOR/GRADE
·	COLD WATER PIPING
··	HOT WATER PIPING
c 	PIPES & BRANCHES TURNING DN
••	PIPES & BRANCHES TURNING UP
-	ISOLATION VALVE
\otimes	FIRE EXTINGUISHER
Ø	PENDANT SPRINKLER HEAD
\checkmark	UPRIGHT SPRINKLER HEAD
►	SIDEWALL SPRINKLER HEAD

HVAC ABBREVIATIONS		
SYMBOL	DESCRIPTION	
RTU	ROOFTOP HEAT / COOL UNIT (REFER TO SCH FOR TYPE)	
AHU	AIR HANDLING UNIT (REFER TO SCH FOR TYPE)	
B/D	BACKDRAFT DAMPER	
CF	CEILING PROPELLER FAN (REFER TO SCH FOR TYPE)	
DG	DOOR GRILLE (REFER TO SCH FOR TYPE)	
EF	EXHAUST FAN (REFER TO SCH FOR TYPE)	
FD	FIRE DAMPER	
F/A	FRESH AIR	
R/A	RETURN AIR	
S/A	SUPPLY AIR	
T/D	TRANSFER DUCT	
т/о	TRANSFER OPENING	

	HVAC LEGEND
SYMBOL	DESCRIPTION
×	RECT SUPPLY DUCT UP / DN
$\sum_{i=1}^{n}$	RECT RETURN OR EXHAUST DUCT UP / DN
FD #	FIRE DAMPER
250	AIRFLOW (CFM)
20x12-A	GRILLE/DIFFUSER SIZE (IN.) & TYPE
A A	GRILLE/DIFFUSER TYPE
	GRILLE/DIFFUSER SIZE (IN.)
-/-\-/-\-M	MOTORIZED DAMPER
Ţ	THERMOSTAT
	DIFFUSER QUADRANT BLANK-OFF
	TRANSFER OPENING
	TRANSFER DUCT
	EXISTING TO REMAIN
	EXISTING TO BE REMOVED

GENERAL NOTES FOR MECHANICAL SYSTEMS:

- MECHANICAL DRAWINGS SHALL NOT BE SCALED. REFER TO ARCH DWGS FOR ALL DIMENSIONS & DETERMINE DIMENSIONS ON SITE WHERE REQ'D.
- INSTALL ALL MECH EQUIP WITH ALL MANUF & CODE REQ'D CLEARANCES.
 DEMOLISHED MATERIALS & EQUIPMENT SHALL NOT BE RE-USED UNLESS NOTED
- OTHERWISE.
 WHERE EXIST MECH SYSTEMS HAVE BEEN INDICATED (INCLUDING PIPE SIZES / LOCATIONS), THEY ARE APPROXIMATE ONLY. THE EXACT NATURE OF ALL EXISTING MECH SYSTEMS AFFECTING NEW WORK SHALL BE VERIFIED PRIOR TO NEW INSTALLATIONS & ALL
- WORK ADJUSTED AS REQ'D WITHOUT EXTRA COST.
 ALL FURRED ENCLOSURES & BULKHEADS REQ'D TO CONCEAL PIPING / DUCTWORK SHALL BE PROVIDED BY THE GEN CONTR.
- VERIFY EXACT LOCATION, INVERT, SIZE, ELEVATION, ETC OF ALL EXISTING MECH SYSTEMS AFFECTING NEW WORK / SITE SERVICE PIPING PRIOR TO NEW INSTALLATIONS & ADJUST WORK AS REQ'D WITHOUT EXTRA COST. ALL INVERTS ARE APPROX ONLY & SHALL BE
- VERIFIED ON SITE BEFORE NEW INSTALLATIONS.
 ALL NEW DUCTWORK / PIPING SHALL BE ROUTED ON SITE TO CLEAR OTHER DUCTWORK, PIPING, BLDG STRUCTURE, OBSTRUCTIONS, ETC. NOTE THAT DRAWINGS ARE SCHEMATIC IN NATURE ONLY. ALL WORK SHALL BE COORDINATED & ADJUSTED ON SITE WITHOUT EXTRA
- UNLESS NOTED OTHERWISE, POSITION ALL MECH EQUIP REQUIRING ACCESS, INCLUDING VALVING, CLEANOUTS, FANS, MANUAL BAL DAMPERS, FIRE DAMPERS, ETC TO BE FULLY ACCESSIBLE THRU T-BAR CLGS. DO NOT LOCATE WHERE ACCESS IS OBSTRUCTED BY LIGHTS / DUCTWORK / PIPING / DRYWALL CLGS. ENSURE ALL EQUIP IS LOCATED FOR EASY SERVICING. PROVIDE ACCESS DOORS WHERE REQ'D.
- INSTALL MECH EQUIP / SYSTEMS & MAKE ASSOCIATED PIPING / DUCT CONNECTIONS ACCORDING TO DETAILS & PIPING SCHEMATICS.
- REWORK ALL EX PIPE / DUCT SUPPORTS AS REQ'D TO CLEAR NEW WORK.

GENERAL DEMOLITION NOTES:

- \bullet UNLESS NOTED OTHERWISE, ALL EXIST MECH / FIRE PROTECTION SYSTEMS SHALL REMAIN UNCHANGED.
- 'NON-ACCESSIBLE' SPACES ARE DEFINED AS SPACES WHICH CANNOT BE ACCESSED WITHOUT CUTTING & PATCHING FOR THE SOLE PURPOSE OF DEMOLITION WORK.
- UNLESS NOTED OTHERWISE, ALL PATCHING OF BLDG OPNGS RESULTING FROM MECH DEMOLITION WORK SHALL BE BY THE GEN CONTR.
- WHERE DUCTWORK IS INDICATED / REQ'D TO BE DEMOLISHED, REMOVAL SHALL BE C/W ASSOCIATED INSUL, SUPPORTS, GRILLES / DIFFUSERS, DAMPERS, ETC. CUT BACK DUCTWORK TO CAPPED LOCATIONS / NEW CONNECTIONS INDICATED ON REMOVATION PLAN / EXIST DUCT MAINS TO REMAIN (RESULTING OPNGS IN DUCT MAINS SHALL BE PATCHED & PATCHES SHALL BE ACOUST / THERM INSUL TO MATCH EXIST).
- WHERE CONTROLS ARE INDICATED / REQ'D TO BE REMOVED, REMOVAL SHALL BE C/W ASSOCIATED REDUNDANT WIRING, SENSORS, RELAYS, CONDUIT & OTHER ASSOCIATED CONTROL DEVICES. THE ELECTR CONTR SHALL DISCONNECT LINE VOLTAGE POWER FEED TO CONTROL CIRCUIT(S) UNLESS NOTED OTHERWISE. WIRING RUNNING CONCEALED WITHIN UNDISTURBED NON-ACCESSIBLE BLDG CONSTRUCTION / NON-ACCESSIBLE CLG SPACES / BELOW SLAB-ON-GRADE FLOORS IS NOT REQ'D TO BE REMOVED BUT SHALL BE DISCONNECTED FROM POWER SUPPLY, CUT BACK & TERMINATED CONCEALED.
- ALL REDUNDANT ELECT POWER SYSTEMS (WIRING, DEVICES, CONDUIT, ETC) SERVING DEMOLISHED MECH EQUIPMENT SHALL BE REMOVED BY THE ELECTR CONTR. REFER TO THE ELECT DWGS FOR ADDITIONAL INFORMATION.
- WHERE DIFFUSERS / GRILLES ARE INDICATED / REQ'D TO BE DEMOLISHED, REMOVAL SHALL BE C/W ASSOCIATED REDUNDANT DUCTWORK. PATCH RESULTING OPNGS IN DUCTWORK TO REMAIN (PATCHES FOR ACOUST INSUL DUCTWORK SHALL BE ACOUST INSUL) / CAP WHERE INDICATED. WALL OPNGS RESULTING FROM GRILLE REMOVAL SHALL BE PATCHED BY THE GEN CONTR.
- WHERE PIPING IS INDICATED / REQ'D TO BE REMOVED, REMOVAL SHALL BE C/W ASSOCIATED INSUL, SUPPORTS, VALVING, ETC. CAP PIPING WHERE INDICATED.
- WHERE PIPING IS INDICATED / REQ'D TO BE REMOVED, REMOVAL SHALL BE C/W ASSOCIATED INSUL, SUPPORTS, VALVING, ETC. WHERE INDICATED, CUT BACK PIPING TO CAPPED LOCATIONS / NEW CONNECTIONS INDICATED ON RENOVATION PLAN. FOR ADDITIONAL DETAILS, REFER TO RENOVATION PLAN & PIPING SCHEMATIC.
- WHERE WALL OPNGS RESULTING FROM REMOVAL OF THERMOSTATS ARE NOT COVERED BY NEW WALL FINISHES (INDICATED ON ARCH DWGS) OR NEW CONTROL DEVICES, PROVIDE STAINLESS STEEL COVERPLATES.
- EQUIP / MATERIALS BEING REMOVED SHALL BECOME THE PROPERTY OF THE OWNER UNLESS SHOWN OTHERWISE & IF THE OWNER HAS NO USE FOR IT, IT SHALL BE DISPOSED OF BY THIS CONTR. THE CONTR SHALL INCLUDE IN THE TENDER PRICE FOR THE DISPOSAL OF ALL DEMOLISHED MECH / FIRE PROTECTION MATERIALS. NOTE THAT THE OWNER SHALL HAVE THE FIRST RIGHT OF REFUSAL FOR ALL DEMOLISHED EQUIP.

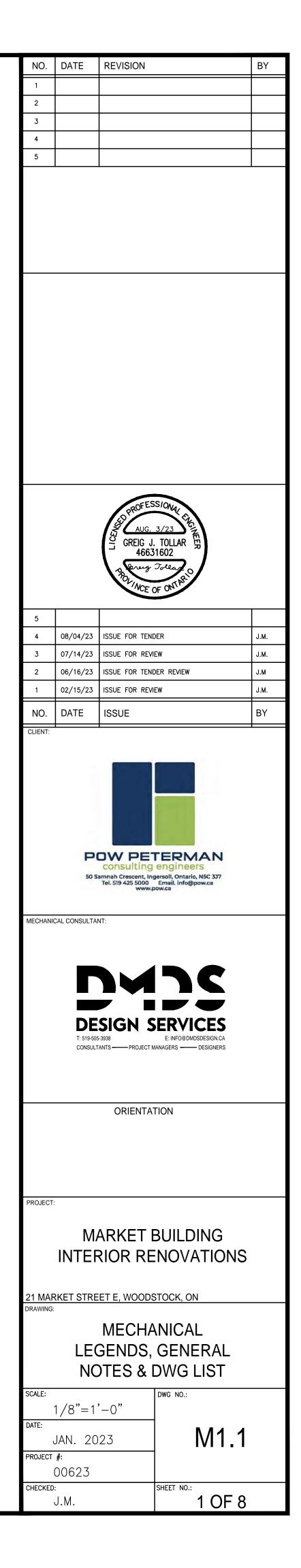
- GENERAL NOTES FOR PLUMBING SYSTEMS:
- PROVIDE WATER, SAN & VENT PIPING TO ALL FIXTURES / FLOOR DRAINS / EQUIP ACCORDING TO ONTARIO BUILDING CODE (OBC) REQUIREMENTS. NOTE THAT IN SOME CASES, BRANCH PIPING TO FIXTURES / FLOOR DRAINS / EQUIP HAS NOT BEEN INDICATED. ALL SUCH PIPING SHALL BE PROVIDED ACCORDING TO CODE REQUIREMENTS.
- ALL WATER, SAN & VENT BRANCH PIPING TO INDIVIDUAL FIXTURES / FLOOR DRAINS SHALL BE SIZED ACCORDING TO OBC REQUIREMENTS UNLESS NOTED OTHERWISE. THE INDICATED SAN PIPE SIZES / ARRANGEMENT MAY BE ALTERED TO SUIT VENTING ARRANGEMENT PROVIDED OBC REQUIREMENTS ARE SATISFIED. THE MIN SIZE OF BRANCH WATER PIPING SHALL BE 0.5" (13MM).
- TRAPS, TRAP PRIMING DEVICES, TRAP SEAL PRIMER PIPING & VENTING HAVE GENERALLY NOT BEEN INDICATED ON THE DWGS BUT SHALL BE PROVIDED ACCORDING TO CODE REQUIREMENTS & AS DESCRIBED IN THE SPECIFICATION.
- ALL PLUMBING FIXTURES C/W TRIM REQ'D TO BE BARRIER FREE ACCESSIBLE SHALL COMPLY WITH OBC REQUIREMENTS.
 ALL LAVATORY FAUCETS, SINK FAUCETS SHALL BE C/W LIMIT STOPS WHICH ARE SET FOR
- A MAXIMUM DELIVERY TEMP OF 120°F FOR NON-BARRIER FREE APPLICATIONS & 109°F FOR BARRIER FREE USE. ALL EXPOSED HW & DRAIN PIPING LOCATED BELOW HANDICAP LAVS SHALL BE C/W
- PRE-MANUFACTURED TYPE INSULATION KITS WHERE THE SUPPLY WATER TEMP EXCEEDS 109°F.
- WATER CONSUMPTION RATES OF ALL PLMG FIXTURES C/W TRIM SHALL COMPLY WITH OBC REQUIREMENTS.
 UNDERGROUND BRANCH SAN PIPING SHALL BE MIN 2" (50MM).
- UNLESS NOTED OTHERWISE, ALL ABOVE GROUND PIPING SHALL RUN THRU SUSPENDED CLG SPACES / BULKHEADS (WHERE INDICATED) AT MAX HT BELOW DUCTWORK, ROOF STRUCTURE / FLOOR STRUCTURE / OTHER OBSTRUCTIONS. FOR ROOMS HAVING NO SUSPENDED CLGS, PIPING SHALL RUN EXPOSED AT MAX HT BELOW DUCTWORK / ROOF STRUCTURE / FL STRUCTURE / OTHER OBSTRUCTIONS UNLESS NOTED OTHERWISE. COORD EXACT LOCATION ON SITE WITH THE WORK OF OTHERS & OFFSET AS REQ'D WITHOUT EXTRA COST.
- ALL CUTTING & PATCHING OF THE EXIST SLAB-ON-GRADE FLOORS & FINISH FLOORING AS REQ'D FOR DRAIN / VENT INSTALLATION SHALL BE BY THE MECH CONTR EXCEPT THAT ALL PATCHING OF FINISH FLOORING SHALL BE BY THE GEN CONTR.
- PROVIDE A 0.5" (13MM) CHECK VALVE C/W UPSTREAM ISOL VALVE IN THE HW & CW SUPPLY TO MOP SINK. INSTALL VALVES IN ACCESSIBLE LOCATION IN PROXIMITY OF FIXTURE.
- WHERE PIPING IS NOTED / REQ'D TO RUN EXPOSED, ALL ASSOCIATED INSULATION SHALL BE C/W PVC JACKETING AS DESCRIBED IN THE SPEC.
- EXPOSED UNINSULATED PLASTIC SANITARY DRAINAGE / VENT PIPING WILL NOT BE PERMITTED AT FIXTURE CONNECTIONS. USE ONLY THE SPECIFIED FIXTURE TRIM COMPONENTS (REFER TO PLMG FIXTURE SCHEDULE) OR, IF TRIM COMPONENTS ARE NOT SPECIFIED, USE COPPER PIPING. NOTE THAT PIPING LOCATED WITHIN CABINET SPACES WILL NOT BE CONSIDERED EXPOSED.
- CONNECT ALL DOM WATER PIPING TO WATER HTRS ACCORDING TO DETAIL. PIPE RELIEF
 OUTLET TO DISCHARGE TO FFD UNLESS NOTED OTHERWISE.
- ALL SAN / STORM PIPING SHALL RUN AT MIN 1% SLOPE UNLESS NOTED OTHERWISE / UNLESS OTHERWISE REQ'D BY CODE / UNLESS REQ'D TO SUIT INDICATED INVERTS. ALL SAN / STORM PIPING 3" (75MM) OR SMALLER SHALL RUN AT MIN 2% SLOPE.

GENERAL NOTES FOR HVAC SYSTEMS:

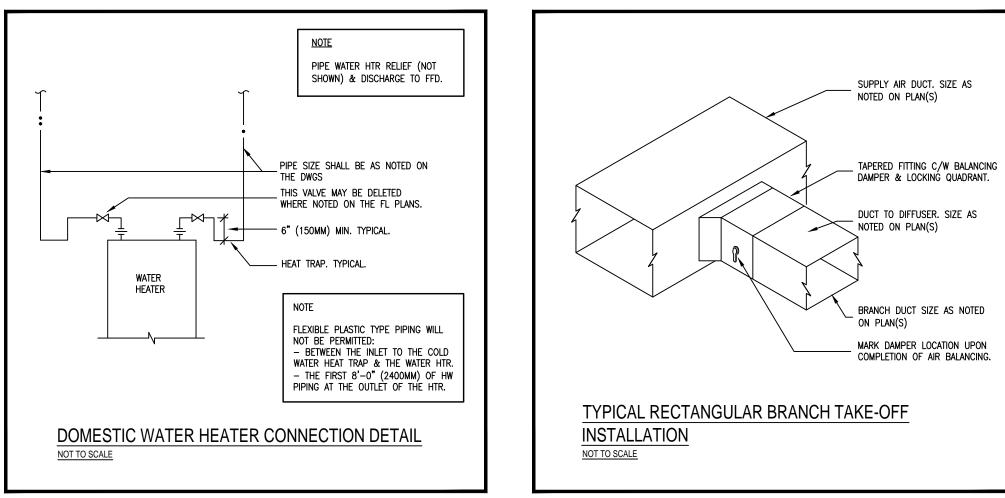
- ALL DUCT DIMENSIONS INDICATED ON THE DWGS ARE NOT REQ'D TO BE INCREASED IN SIZE TO ACCOMMODATE ACOUST INSUL THICKNESS. ALL INDICATED SIZES HAVE ALREADY BEEN ADJUSTED TO ACCOUNT FOR INSUL THICKNESS.
- ALL ELECT FAN FORCED HTRS C/W CONTROLS SHALL BE SUPPLIED, INSTALLED & WIRED BY THE ELECTR CONTR.
 COORD THE EXACT LOCATION OF ALL GRILLES, DIFFUSERS & CLG FANS ON SITE WITH
- THE ELECTR / SPRINKLER CONTRS & TO SUIT THE REFLECTED CLG PLAN. CENTER BETWEEN LIGHTS / SPRINKLERS / OVER DOORS / OVER WINDOWS / WITHIN T-BAR CLG TILES / ON BULKHEADS (AS APPLICABLE) WHERE POSSIBLE.
- TERMINATE GOOSENECKS & RAINCAPS MIN 2'-0" (600MM) ABOVE ROOF & ABOVE HIGHEST ANTICIPATED SNOW LEVEL. SUPPORT AS REQ'D FOR WIND LOADING, ALL EXTERIOR DUCTWORK SHALL BE GALVANIZED STEEL CONSTRUCTION. PROVIDE GALVANIZED BIRDSCREEN OR EQUIVALENT. REFER ALSO TO GOOSENECK DETAIL.
- RAINCAPS C/W ASSOCIATED EXTERIOR DUCTWORK SHALL BE CONSTRUCTED USING GAS B-VENTING C/W B-VENT TERMINATION CAP.
- UNLESS NOTED OTHERWISE, KEEP ALL DUCTWORK CLEAR OF EXIT STAIRSHAFTS (DUCTWORK NOT PERMITTED TO PENETRATE THE FIRE SEPARATION AROUND AN EXIT).
- WHERE DUCTWORK IS NOTED TO RUN EXPOSED, ALL ASSOCIATED THERMAL INSULATION SHALL BE C/W PVC JACKETING AS DESCRIBED IN THE SPEC.
- THE GEN CONTR SHALL PROVIDE 0.75" (19MM) UNDERCUT DOORS WHERE INDICATED.
- ALL THERMOSTATS SHALL BE MOUNTED AT BARRIER FREE HT (43" (1100MM AFF)). COORDINATE WITH ELECTRICAL CONTRACTOR & ADJUST HEIGHT AS REQUIRED TO MATCH OTHER CONTROLS.
- CALIBRATE ALL SENSORS TO ENSURE ACCURATE READING OF TEMPERATURES, HUMIDITY, PRESSURE, CARBON DIOXIDE, ETC.
- SET THE OCCUPIED HTG / COOLING TEMP RANGE FOR 72°F TO 75°F (22.2°C TO 23.9°C)
 & SET THE UNOCCUPIED HTG / COOLING TEMP RANGE FOR 68°F TO 80°F (20°C TO 26.7°C)
- INSTALL ALL FIRE DAMPERS ACCORDING TO MANUF INSTALLATION INSTRUCTIONS & AS DESCRIBED IN THE SPEC. FOR DAMPERS INSTALLED IN DRYWALL WALL CONSTRUCTION, THE GEN CONTR SHALL PROVIDE WALL STUDS TO RUN ON FOUR SIDES OF THE DUCT (FOR RIGID BACKING OF THE FIRE DAMPER ANGLES) & PROVIDE DRYWALL FACING ON THE STUDS EXPOSED TO THE DAMPER SLEEVE.
- WHERE EXH DUCTWORK TERMINATES AT LOUVRES / RAINCAPS, DUCTWORK SHALL BE THERM / ACOUST INSULATED (AS INDICATED) FOR 8'-0" (2.4M) FROM THE TERMINATION PT. ANY PORTION OF WALL BOXES LOCATED ON THE WARM SIDE OF THE BLDG INSUL SHALL BE THERM INSUL.

ECHANICAL DRAWING LIST:	

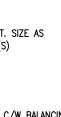
- M1.1 MECHANICAL LEGEND, GENERAL NOTES AND DRAWING LIST M1.2 MECHANICAL SCHEDULES & DETAILS
- M2.1 PLUMBING & SPRINKLER DEMOLITION PLANS
- M2.2 HVAC DEMOLITION PLANS M3.1 DRAINAGE RENOVATION PLANS
- M3.2 PLUMBING RENOVATION PLANS M3.3 SPRINKLER RENOVATION PLANS
- M4.1 HVAC RENOVATION PLANS

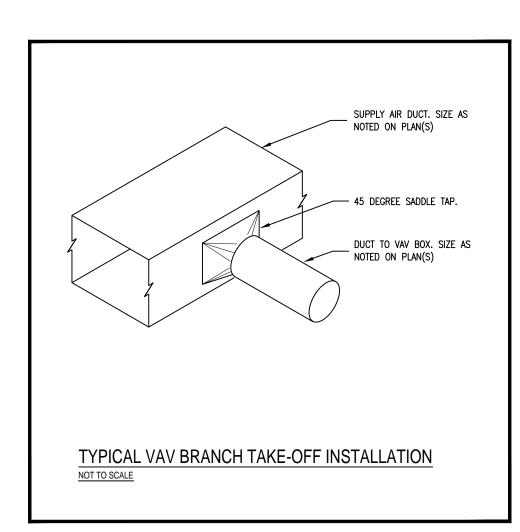


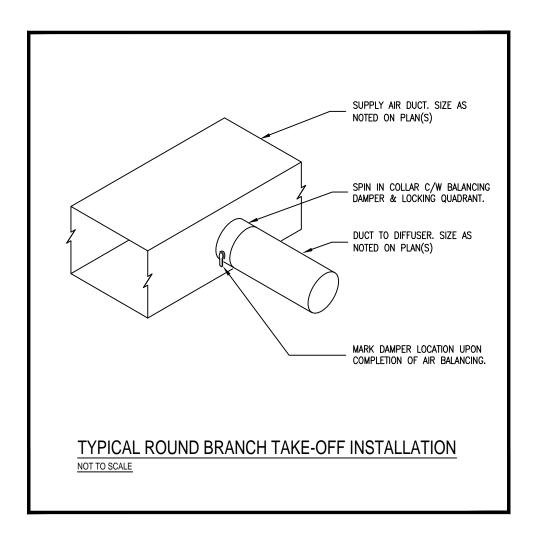
				P	LUMBING FIXTURE SCH	EDULE							DIFFUSER	& GRILLE S	SCHEDULE		
						TRIM	& ACCESSOF	RIES		TAG	ТҮРЕ	MANUF & MODEL	FRAME STYLE	PANEL SIZE	THROW PATTERN	BAL DAMPER	FINIS
TAG	TYPE	MODEL	FAUCET / VALVE	TRAP & TAILPIECE	VALVES & SUPPLIES	CARRIER	SEAT	MISC	NOTES	A	STEEL FIXED PATTERN SQUARE CEILING DIFFUSER	KRUEGER PLQ-F23-24X24-00-00-44	LAY-IN T-BAR	24"X24 (600X600MM)	4-WAY		BRITISH
L	OVAL VANITY LAVATORY	AMERICAN STANDARD COLONY 0346.001	MOEN COMMERCIAL 8554AC (MIXING) 99557 DECK PLATE	ZURN Z8743-PC, Z8700-PC-B-D	 DAHL MINI-BALL VALVE CHROME PLATE ANGLE SUPPLY STOP KIT FOR EACH WATER SUPPLY C/W CONNECTIONS TO SUIT PIPING, LEVER HANDLES, STAINLESS STEEL BRAIDED HOSES & ESCUTCHEONS. 				 BUILT-IN MIXING-MANUAL ON/OFF HANDLE. 104630 AC TRANSFORMER, AC CONNECTION CABLE, POWER CONNECTION EXTENSION & BOX. 18AWG DUAL-STRAND CABLE & WIRE NUTS SHALL BE FIELD PROVIDED. LENGTH TO SUIT INSTALLATION. 	В	STEEL FIXED PATTERN SQUARE CEILING DIFFUSER	KRUEGER PLQ-F22-24X24-00-00-44	SURFACE MOUNT	24"X24 (600X600MM)	4-WAY		British
L-1	WALL HUNG LAVATORY, BARRIER FREE	AMERICAN STANDARD LUCERNE 0356.421	MOEN COMMERCIAL 8554AC (MIXING) 99557 DECK PLATE	ZURN Z8746-PC, Z8700-PC-B-D	 DAHL MINI-BALL VALVE CHROME PLATE ANGLE SUPPLY STOP KIT FOR EACH WATER SUPPLY C/W CONNECTIONS TO SUIT PIPING, 	ZURN Z-1231-79 C/W ARMS TO SUIT FIXTURE.			 BUILT-IN MIXING-MANUAL ON/OFF HANDLE. FAUCET SHALL BE C/W ADJUSTABLE LIMIT STOP (SET FOR A MAX DELIVERY TEMP OF 109°F (42.8°C)). 	с	STEEL DOUBLE DEFLECTION SUPPLY GRILLE	KRUEGER 880-H-F22-NONE-01-01-00-44	SURFACE MOUNT STEEL			MODEL OBD STEEL OPPOSED BLADE	British
					LEVER HANDLES, STAINESS STEEL BRAIDED HOSES & ESCUTCHEONS.				 104630 AC TRANSFORMER, AC CONNECTION CABLE, POWER CONNECTION EXTENSION & BOX. 18AWG DUAL-STRAND CABLE & WIRE NUTS SHALL BE FIELD PROVIDED. LENGTH TO SUIT INSTALLATION. PROVIDE ZURN Z-8946-3-NT INSUL GUARD FOR TRAP, OFFSET DRAIN & WATER SUPPLIES. 	D	ALUMINUM GRID CORE EXHAUST GRILLE	KRUEGER EGC5-F22-NONE-01-15-00-44	SURFACE MOUNT ALUMINUM			MODEL 50BD ALUMINUM OPPOSED BLADE	British
L-2	TWO STATION TROUGH SINK	BRADLEY TLX-2	BRADLEY CRESTT-R-AC FAUCETS (0.5 USGPM / 1.9 LPM) POLISHED CHROME (TWO REQ'D)	ZURN Z8701-PC-B-D	DAHL MINI-BALL VALVE CHROME PLATE ANGLE SUPPLY STOP KIT FOR EACH WATER SUPPLY C/W CONNECTIONS TO SUIT PIPING, LEVER HANDLES & ESCUTCHEONS (1970 - 2010FE) 1000010				 SINK SHALL HAVE TWO FAUCETS SUPPORT BRACKET. ACCESS PANEL. THERMOSTATIC MIXING VALVE C/W SUPPLY HOSES & SHUT-OFF. COLOUR OF TERREON DECK SELECTED BY THE ARCH. 	E	STEEL FIXED BLADE RETURN GRILLE	KRUEGER S85-H-F22-NONE-01-00-00-44	SURFACE MOUNT STEEL				British
MS	FLOOR MOUNTED JANITOR SINK	ZURN Z1996-24-BS-HH-WG	MOEN COMMERCIAL 8124		(LESS BRAIDED HOSES).				 MOP SINK SHALL BE C/W PVC DRAIN BODY, STAINLESS STEEL STRAINER, STAINLESS STEEL BUMPER GUARD, 30" (750MM) LONG CLOTH-REINFORCED FLEXIBLE RUBBER HOSE WITH BRASS COUPLING AT ONE END, STAINLESS STEEL HOSE BRACKET WITH RUBBER GRIP & 	F	ALUMINUM GRID CORE RETURN GRILLE	KRUEGER EG5-FTB-44	FTB ALUMINUM CHANNEL FRAME FOR LAY-IN.	as shown			British
									 TWO 24" (600mm) LONG STAINLESS STEEL WALL GUARDS. FAUCET SHALL BE C/W VACUUM BREAKER SPOUT WITH GARDEN HOSE THREAD, INTEGRAL CHECK STOPS, ADJUSTABLE MOUNTING BRACKET, PAIL HOOK & INTEGRAL SERVICE STOPS. 								
KS	STAINLESS STEEL SINGLE COMPARTMENT SINK	FRANKE COMMERCIAL LBS 4607-1/3	MOEN COMMERCIAL 8283 C/W 1.2 USGPM AERATOR	PROVIDE TRAP C/W CLEANOUT	 PROVIDE BALL VALVE IN HW & CW PIPING (LOCATE IN CABINET SPACE). MAKE WATER CONNECTIONS C/W STAINLESS STEEL BRAIDED 				 SINK SHALL BE COMPLETE WITH ONE 14"X16"X7" (350X400X175MM) BOWL, CRUMB CUP STRAINER, RIM SEAL & BRASS TAILPIECE. PROVIDE DRILLINGS TO SUIT FAUCET TYPE. 				FAN	SCHEDULI	E		
WC	ELONGATED BOWL FLUSH TANK WATER CLOSET	AMERICAN STANDARD CADET TOUCHLESS			PROVIDE ESCUTCHEONS. DAHL MINI-BALL VALVE CHROME PLATE ANGLE SUPPLY STOP KIT		CENTOCO AM820STS		 SEAT SHALL BE C/W OPEN-FRONT, STAINLESS STEEL CHECK-HINGE WITH GASKET, METAL FLAT WASHERS, LOCK WASHERS, STAINLESS STEEL 	TAG	TYPE	MANUF & MODEL	CAPACITY	WEIGHT	ELECT		
	IANK WATER CLOSET	215AA709			FOR WATER SUPPLY C/W CONNECTIONS TO SUIT PIPING, LEVER HANDLE, STAINLESS STEEL BRAIDED HOSE & ESCUTCHEON.		-001		WITH GASHEL, METAL FLAT WASHERS, LUCK WASHERS, STAINLESS STEEL NUTS & COVER.	EF-1	WASHROOM EXHAUST FAN	PENNBARRY Z10H (TDA)	AIRFLOW: 600 CFM (275 LPS) ESP: 0.375" (9.5MM) WC		VOLTAGE: 120-1- MOTOR SIZE: 3.6	AMPS • MO • ALL	OUSTICALLY IN TOR MTD ON JMINUM GRAVI PE 'TDA' DISC
WC-1	ELONGATED BOWL FLUSH TANK WATER CLOSET, BARRIER FREE	AMERICAN STANDARD CADET TOUCHLESS 215AA709			DAHL MINI-BALL VALVE CHROME PLATE ANGLE SUPPLY STOP KIT FOR WATER SUPPLY C/W CONNECTIONS TO SUIT PIPING,		CENTOCO 500STSCC		 SEAT SHALL BE LESS COVER & C/W OPEN-FRONT, STAINLESS STEEL CHECK-HINGE WITH GASKET, METAL FLAT WASHERS, LOCK WASHERS & STAINLESS STEEL NUTS. GRAB BARS BY THE GEN CONTR. 							• INS • MO • FAN	SULATED ACCE TOR C/W PLU N MTD SPEED
U	WALL MOUNTED URINAL	AMERICAN STANDARD	ZER6003AV-ULF-CPM		Lever Handle, stainless steel Braided Hose & Escutcheon.	ZURN		ZURN WALL CO		EF-2, 3 & 4	MAIN FLR MEN'S WR CLG EXHAUST FAN	REVERSOMATIC SA-90S	AIR FLOW: 100 CFM (47 LPS) ESP: 0.20" (5MM) WC		VOLTAGE: 120-1- MOTOR SIZE: 0.23	SAMPS 🛛 🔸 GRI	AVITY BACKDR ILLE C MOTOR WITI
NOTES		WASHBROOK 6501.010				Z-1222		Z-166-1	VALVE C/W VACUUM BREAKER.	L							



			DIFFUSER	& GRILLE S	CHEDULE		
TAG	TYPE	MANUF & MODEL	FRAME STYLE	PANEL SIZE	THROW PATTERN	BAL DAMPER	FINI
A	steel fixed pattern Square ceiling diffuser	KRUEGER PLQ-F23-24X24-00-00-44	LAY-IN T-BAR	24"X24 (600X600MM)	4-WAY		British
В	STEEL FIXED PATTERN SQUARE CEILING DIFFUSER	KRUEGER PLQ-F22-24X24-00-00-44	SURFACE MOUNT	24"X24 (600X600MM)	4-WAY		British
C	Steel double deflection Supply grille	KRUEGER 880-H-F22-NONE-01-01-00-44	SURFACE MOUNT STEEL			MODEL OBD STEEL OPPOSED BLADE	British
D	ALUMINUM GRID CORE EXHAUST GRILLE	KRUEGER EGC5-F22-NONE-01-15-00-44	SURFACE MOUNT ALUMINUM			MODEL 50BD ALUMINUM OPPOSED BLADE	British
E	STEEL FIXED BLADE RETURN GRILLE	KRUEGER S85-H-F22-NONE-01-00-00-44	SURFACE MOUNT STEEL				British
F	ALUMINUM GRID CORE RETURN GRILLE	KRUEGER EG5-FTB-44	FTB ALUMINUM Channel Frame For Lay—In.	AS SHOWN			British





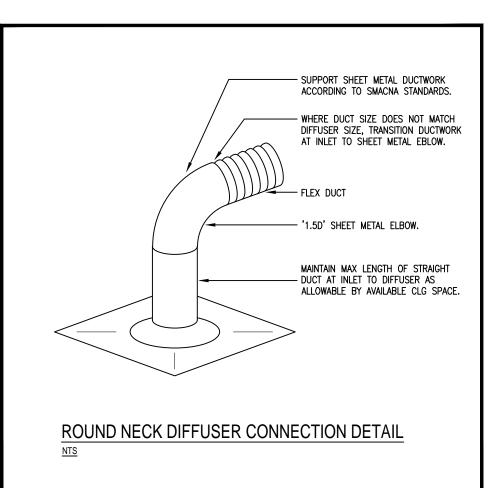


FINISH	COMMENTS
rish white	
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rish white	 0.75" (19MM) BLADE SPACING HORIZONTAL FRONT BLADES SCREW HOLE MOUNTING
rish white	 0.5" (13MM) CORE SCREW HOLE MOUNTING
rish white	 0.5" (13MM) BLADE SPACING HOR FRONT BLADES AT 35" DEFLECTION SCREW HOLE MOUNTING
rish white	

FEATURES & ACCESSORIES

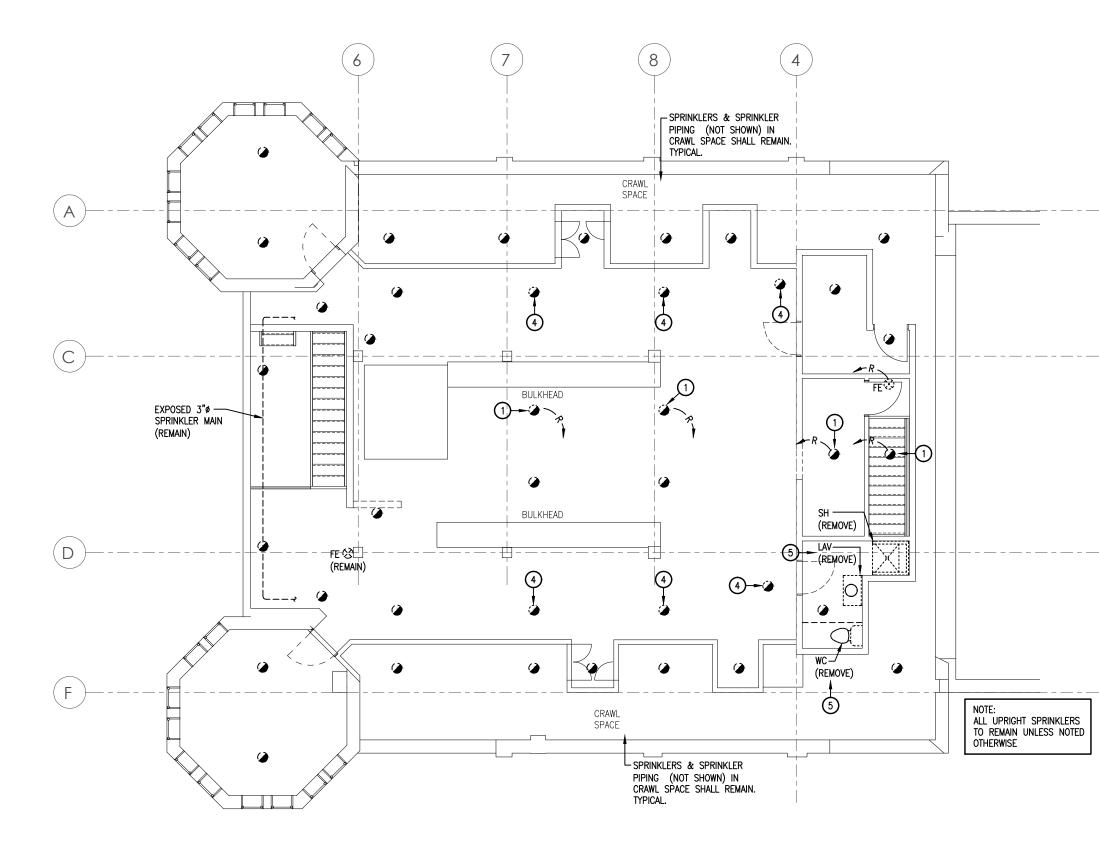
TICALLY INSULATED GALVANIZED STEEL HOUSING MID ON VIBRATION ISOLATORS NUM GRAVITY BACKDRAFT DAMPER TDA' DISCHARGE (IN—LINE) TED ACCESS DOOR C/W PLUG TYPE DISCONNECT & THERMAL OVERLOAD PROTECTION TD SPEED CONTROLLER (FOR BALANCING) BACKDRAFT DAMPER

R WITH THERMAL OVERLOAD PROTECTION

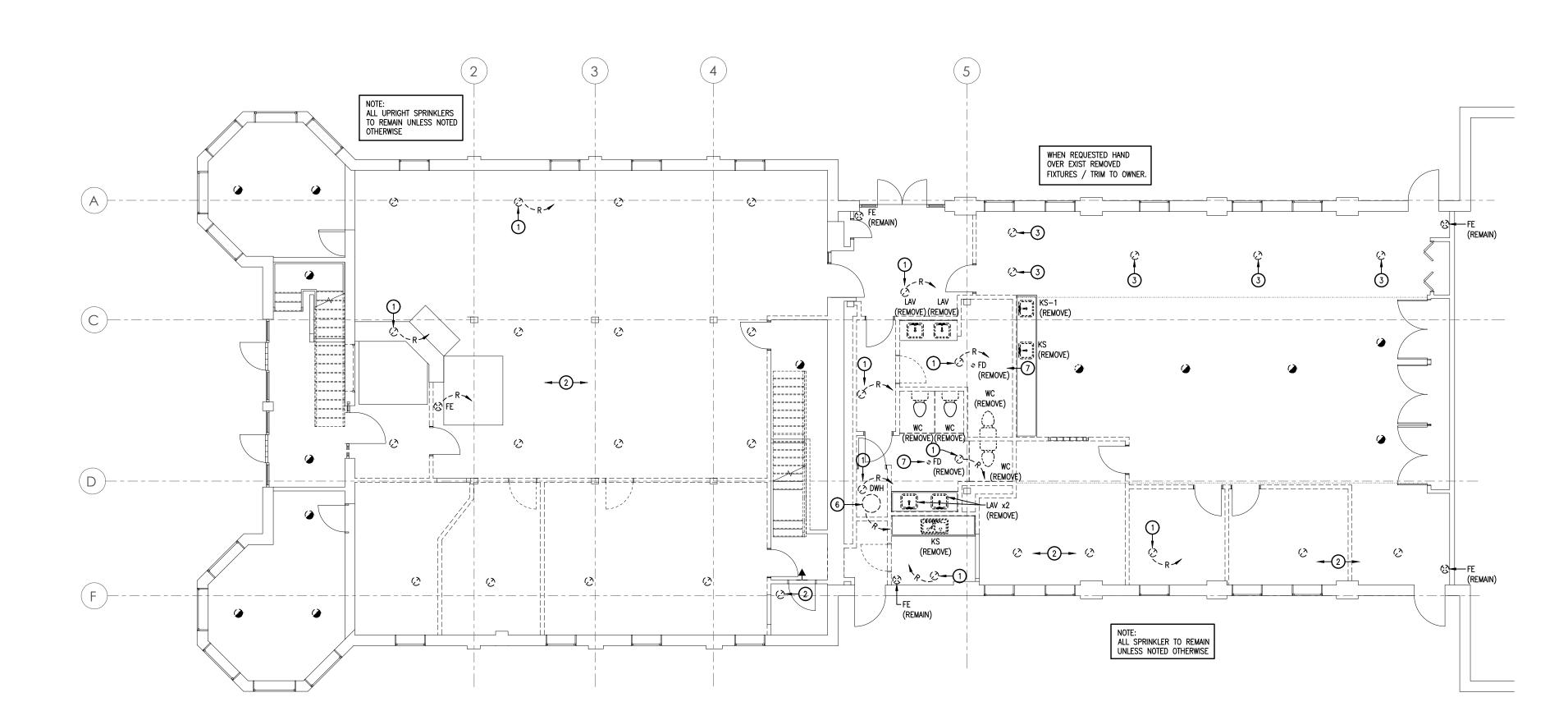


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FIRST FLOOR - DEMOLITION SCALE: 1/8"=1'-0"

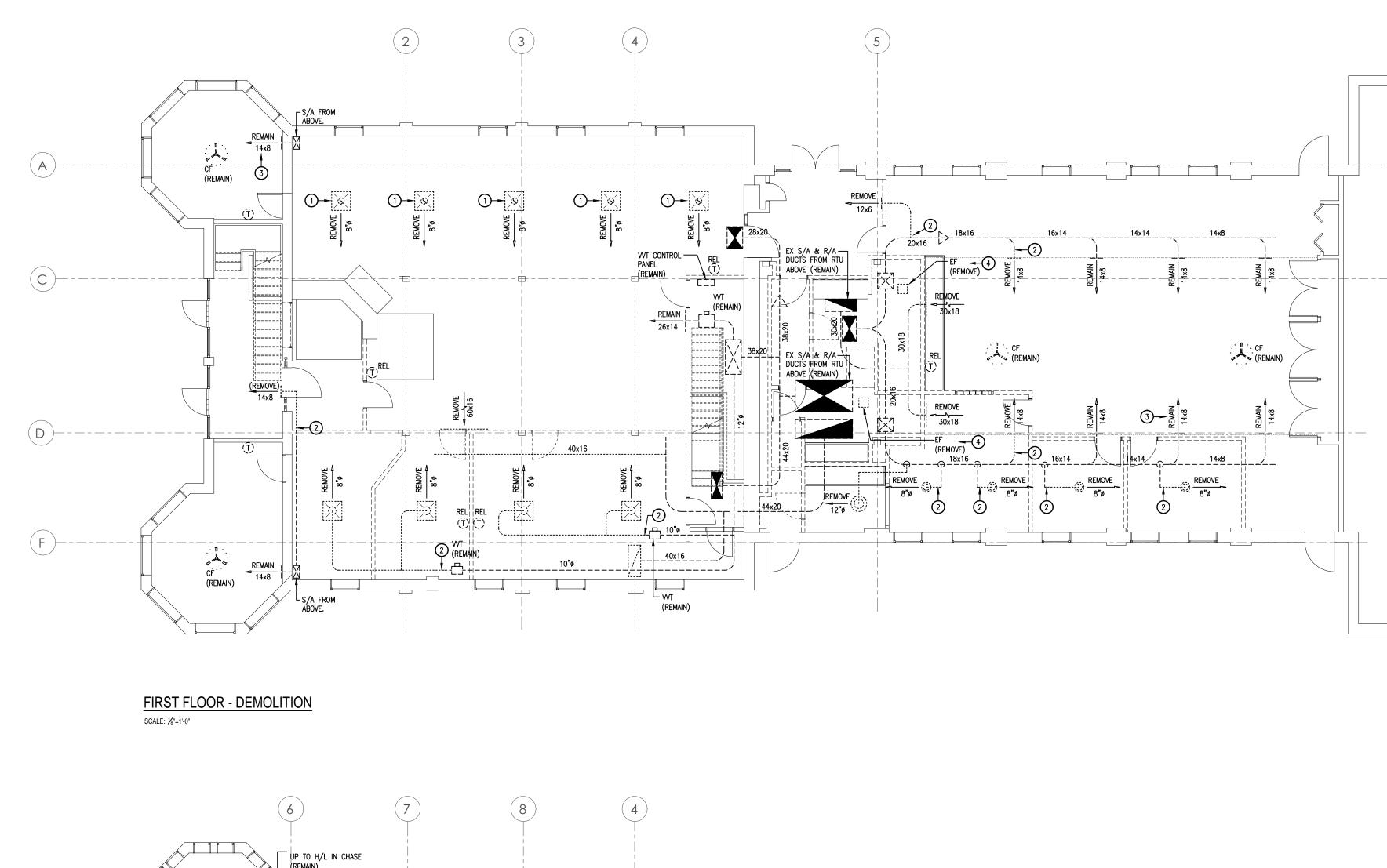


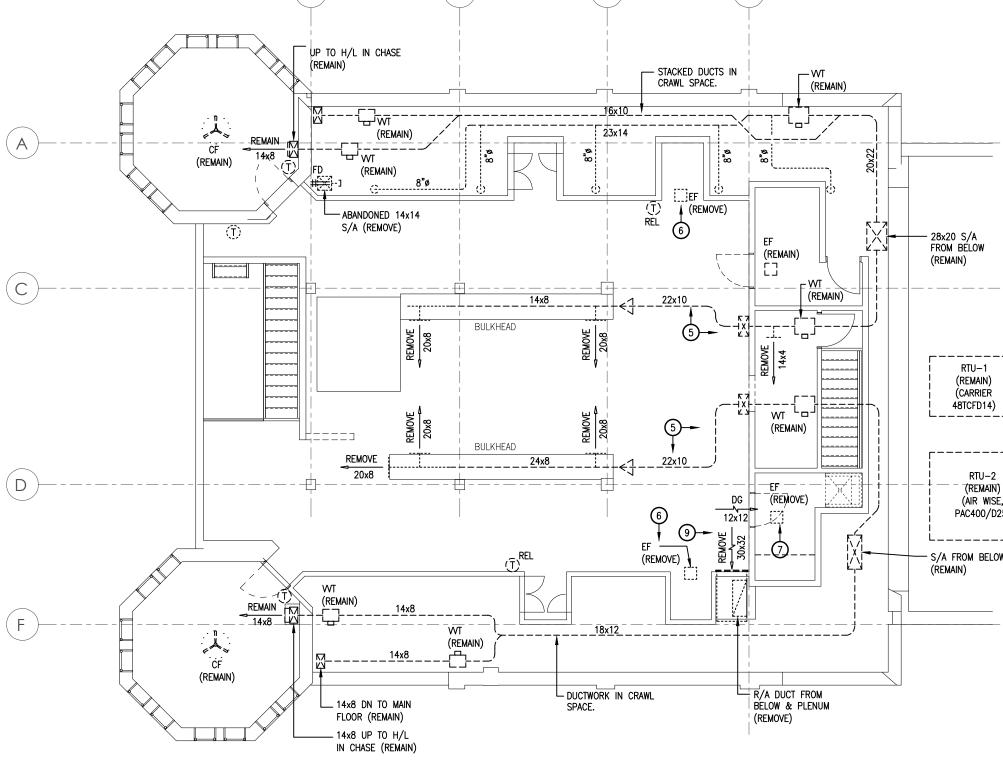
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- NOTES FOR THIS SHEET:

- 2 ALLOW TO REVISE ELEVATION OF ALL PENDENT SPRINKLERS ON THE MAIN FLOOR TO SUIT NEW CEILING ELEVATIONS UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO ARCH RCP FOR INFORMATION.

- 4 REMOVE EXIST UPRIGHT SPRINKLER & REPLACE WITH WITH NEW PENDENT SPRINKLER. EXTEND BRANCH PIPING. REFER TO ARCH REFLECTED CLG PLAN FOR DETAILS.
- 5 Remove & REPLACE EXIST PLMG FIXTURE WITH NEW.
- 6 DISCONNECT & RELOCATE EXIST ELECT WATER HEATER. EXIST ISOLATION VALVE MAYBE REUSED. CUT BACK PIPING & CAP OFF ALL REDUNDANT PIPING CONCEALED.
- REMOVE EXIST FLOOR DRAIN, INCLUDING FD BODY & CAP-OFF PIPING BELOW FLR, CONCEALED.





SECOND FLOOR - DEMOLITION SCALE: 1/8"=1'-0"

— 28x20 S/A FROM BELOW (REMAIN)

RTU-1 (REMAIN) (CARRIER 48TCFD14) г----л _____ - S/A FROM BELOW

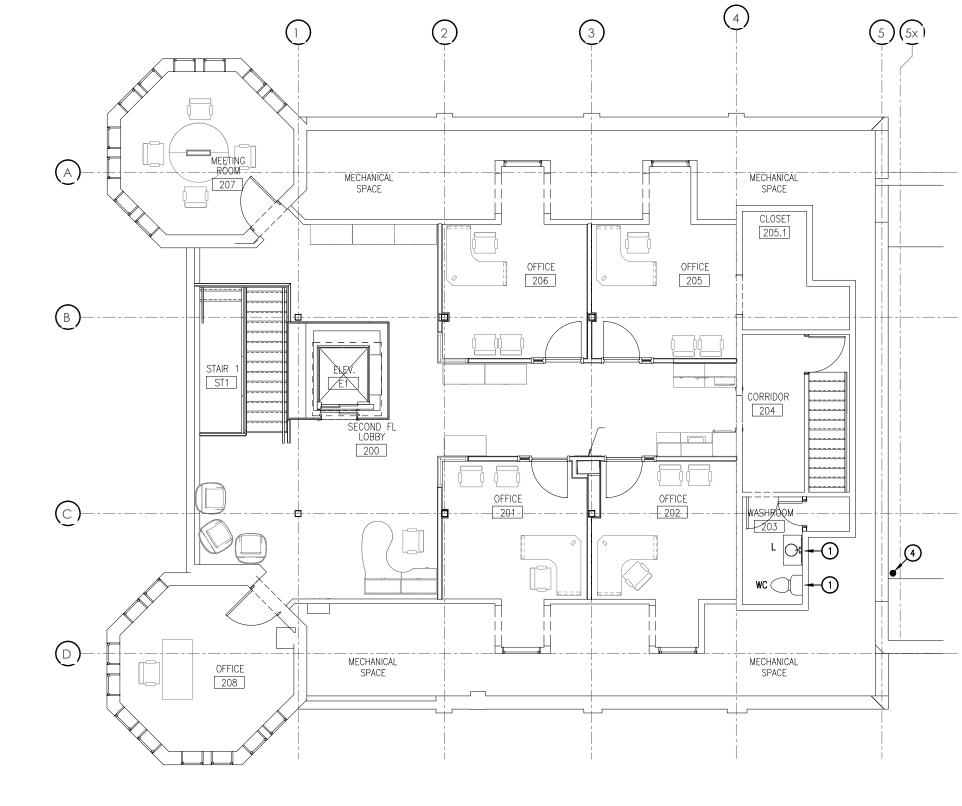
<u>WT CONTROL NOTES:</u> EXISTING WT CONTROL SYSTEM C/W ASSOCIATED DAMPERS, ACTUATORS, THERMOSTATS, CONTROL WIRING, FRONT-END, ETC. SHALL REMAIN. MODIFY DELETE / EXPAND EXISTING CONTROL SYSTEM TO SUIT NEW SYSTEM LAYOUT. ALL WORK SHALL BE COMPLETED BY DURELL CONTROL SYSTEMS INC. (519) 685-5432.

NOTES FOR THIS SHEET:

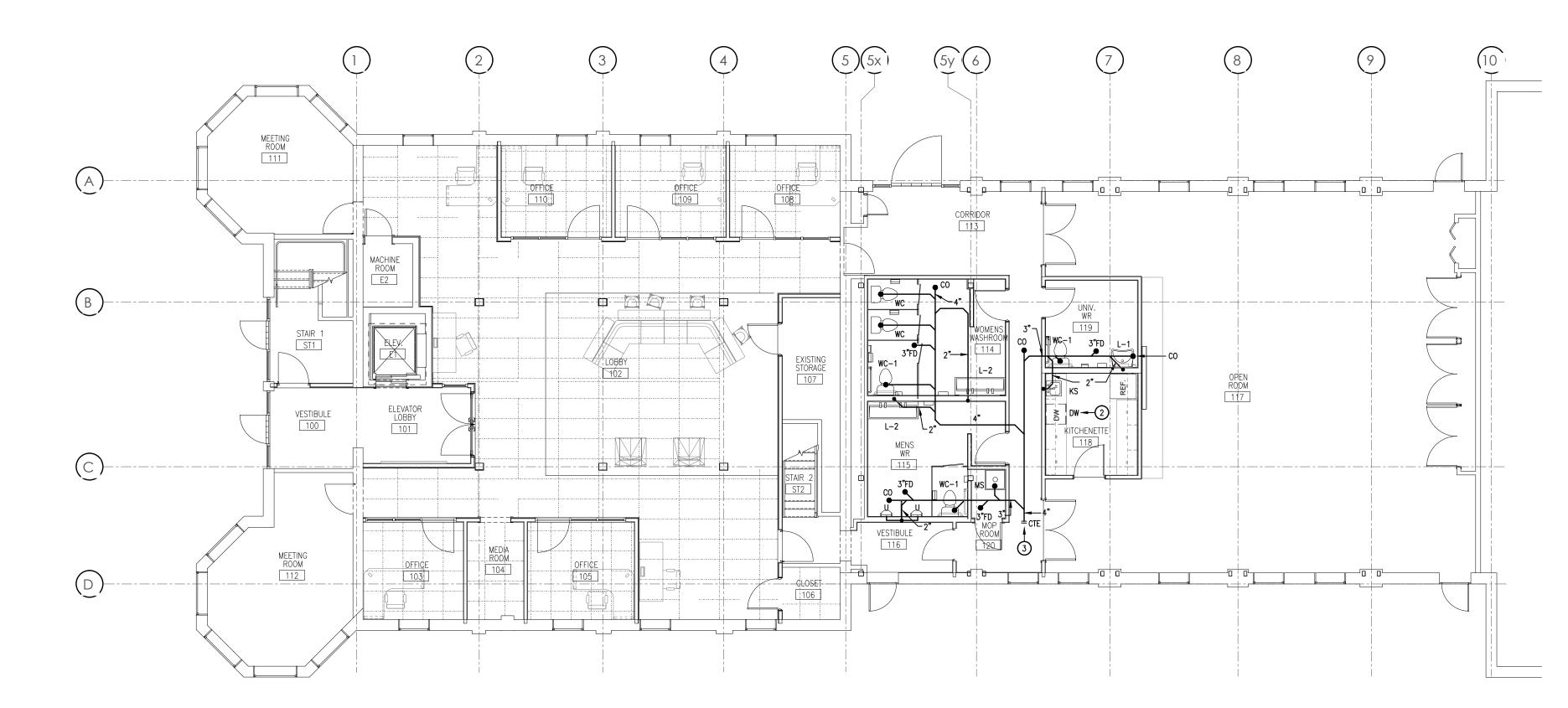
- REMOVE DIFFUSER C/W ASSOCIATED DUCTWORK. REFER TO SECOND FLR LAYOUT FOR CONT.
- PERFORMENT OF THE POINT. REFER TO RENOVATION PLAN FOR REVISED LAYOUT.
- 3→ EXIST DIFFUSER / REGISTER TO REMAIN. REMOVE CLEAN & REINSTALL DIFFUSER / REGISTER UPON COMPLETION. TYPICAL.
- REMOVE EX CLG EXH FAN C/W ASSOC SUPPORTS, DUCTWORK, ETC. UP TO ROOF CAP (ON SLOPPED ROOF).
- 5 EXIST DUCTWORK AT EXPOSED AT H/L.
- $6 \rightarrow$ remove exist CLG exh fan C/W supports, ductwork, etc.
- \bigcirc Remove & Replace exist CLG exh fan with New. Refer to Renovation plan / sch for details.
- 8 --- EXIST ROOFTOP UNITS SHALL REMAIN. UPON COMPLETION, PRIOR TO BALANCING REPLACE ALL FILTERS WITH NEW. PROVIDE AN EXTRA SET OF FILTERS & HANDED OVER TO OWNER.
- O REMOVE R/A GRILLE AT L/L C/W ASSOC DUCTWORK DN TO MAIN FLR CLG SPACE.

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SECOND FLOOR - DRAINAGE LAYOUT



FIRST FLOOR - DRAINAGE LAYOUT

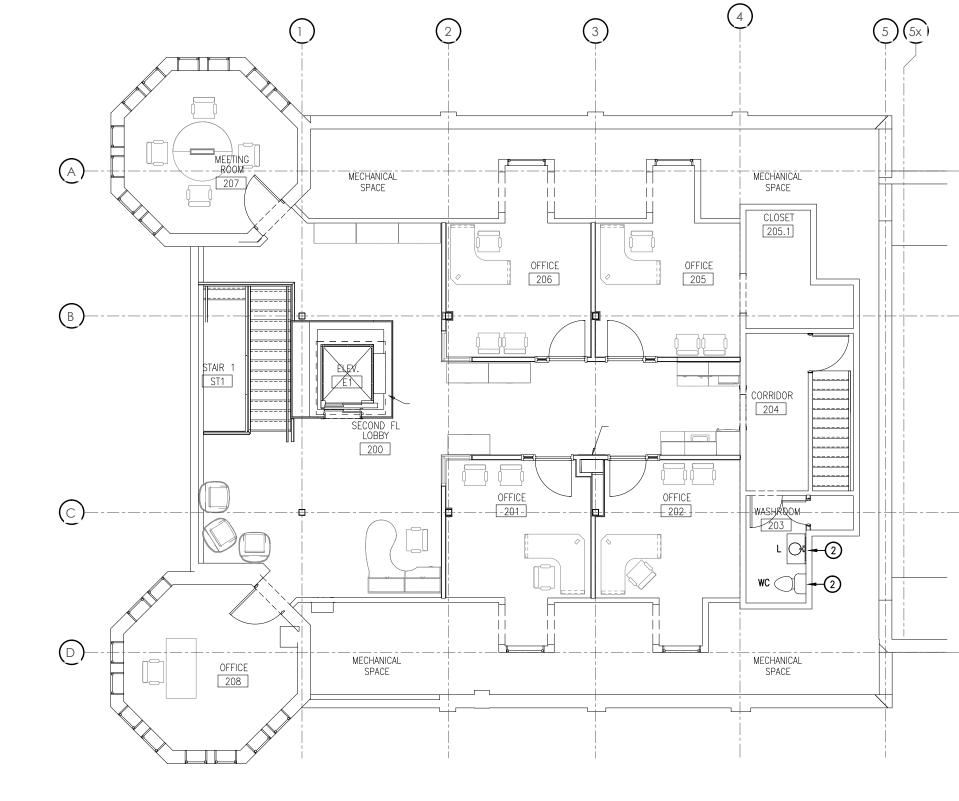


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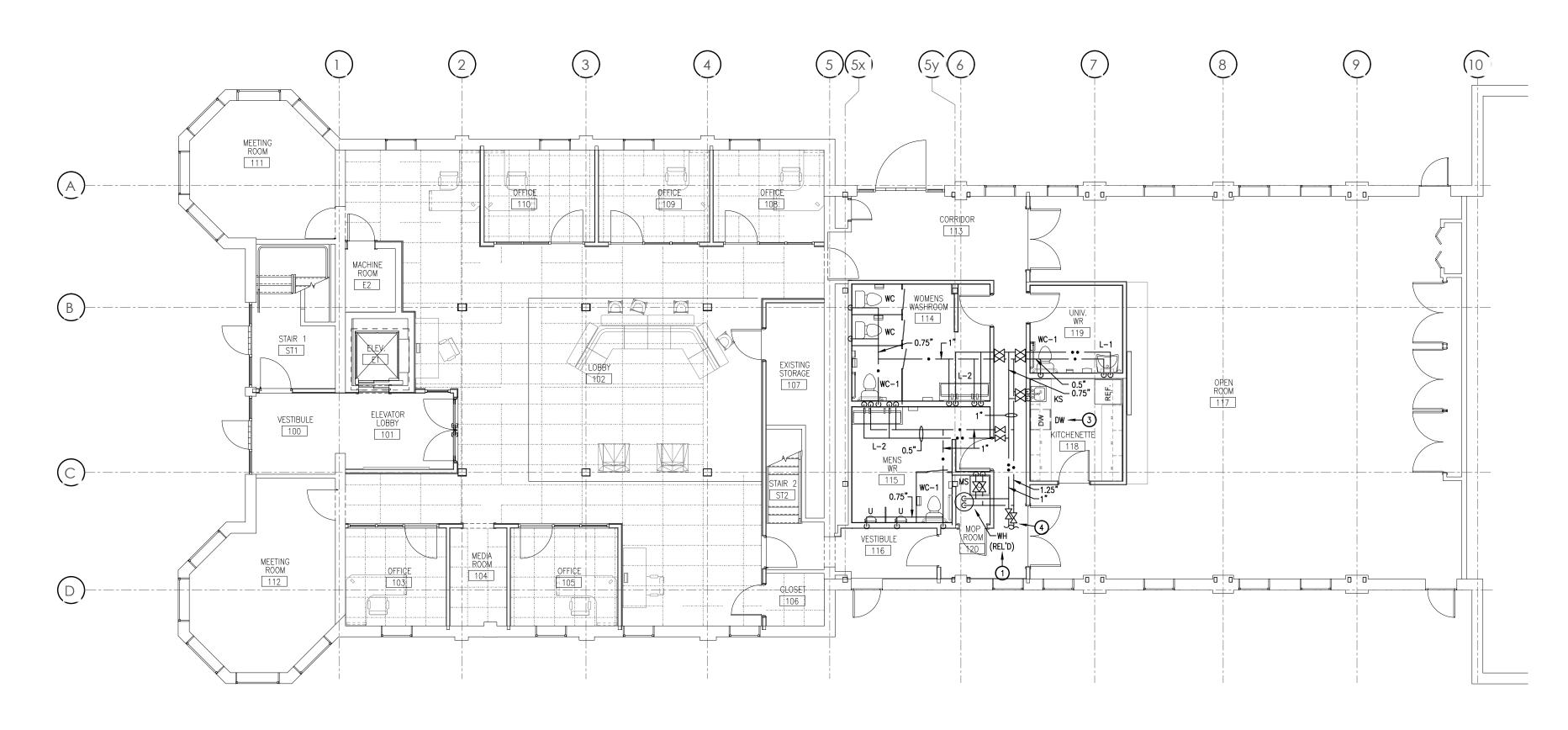
NOTES FOR THIS SHEET:	
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- INSTALL NEW LAV / WC TO REPLACE EXISTING. REWORK SAN / VENT
 AS REQ'D. FOR WATER CLOSET PROVIDE NEW SEAL RINGS, BOLTS, ETC.
 ADJUST FLANGE TO SUIT NEW FLOOR FINISHES.
- DISHWASHER SUPPLIED BY OTHERS. THE PLMG CONTR SHALL CONNECT DISHWASHER DRAIN HOSE TO INLET SIDE OF SINK TRAP USING A 'Y' FITTING. DRAIN HOSE SHALL BE SUPPLIED BY OTHERS (WITH THE DISHWASHER) & INSTALLED BY THE MECH CONTR.
- 3 PRIOR TO ANY FLOOR CUTTING, SCOPE EXIST U/G SAN PIPING & DETERMINE ITS SIZE, LOCATION & STATE. CONNECT NEW SAN TO EXISTING SAN APPROX AT THIS LOCATION.
- APPROX LOCATION OF EXIST PLMG VENT STACK ON ROOF. EXTEND VENT UP THROUGH BIRDSCREEN, SO ITS TOP IS MINIMUM 3'-0" ABOVE THE EXIT ROOFTOP UNIT.

SECOND FLOOR - WATER PIPING LAYOUT

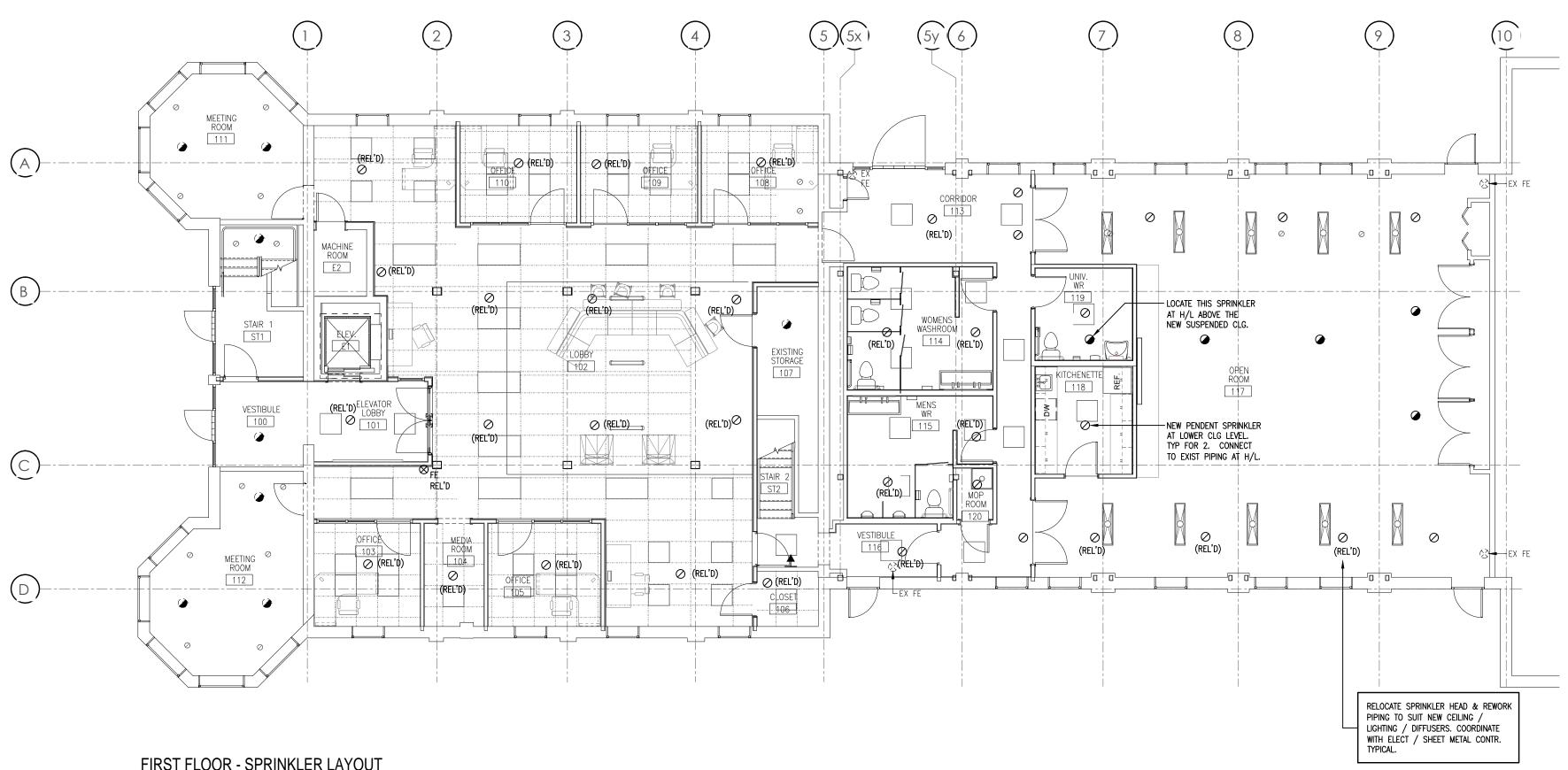


FIRST FLOOR - WATER PIPING LAYOUT SCALE: %"=1'-0"

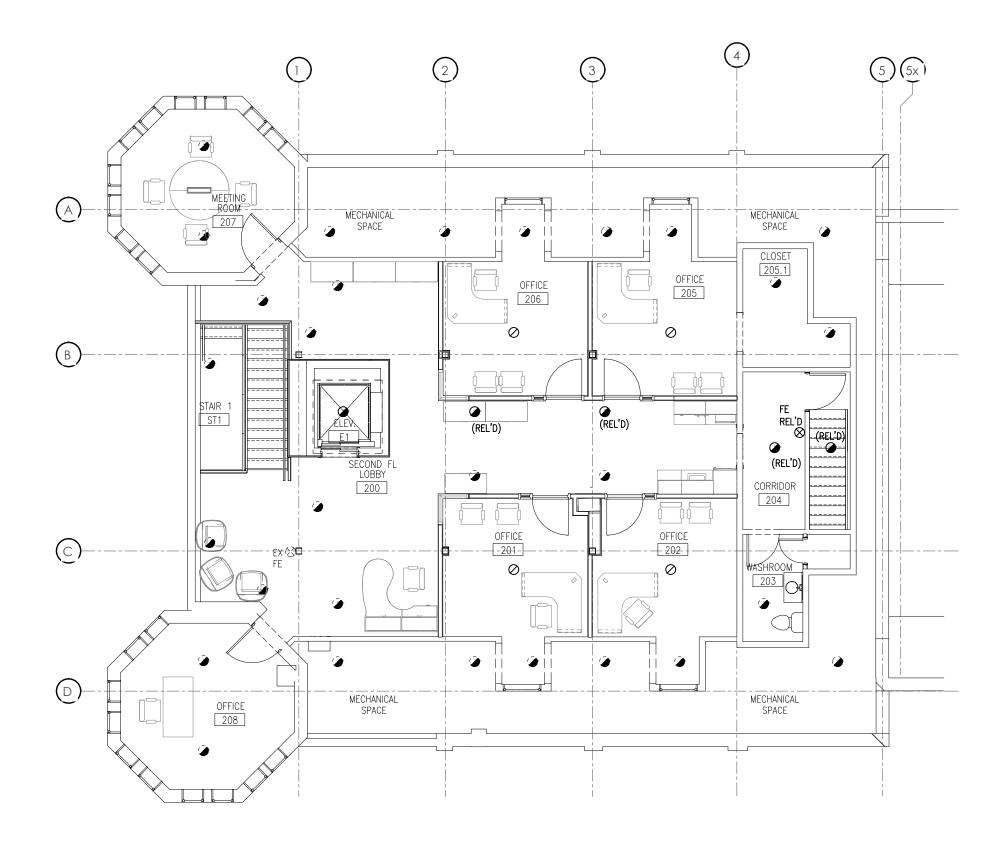


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NOTES FOR THIS SHEET:
D RELOCATE EXISTING WATER HEATER TO MOP ROOM & REWORK PIPING. CONNECT PIPING TO EXIST WATER HEATER ACCORDING TO DETAIL.
(2)
3- DISHWASHER SUPPLIED BY OTHERS. THE PLMG CONTR SHALL CONNECT HOT WATER PIPING TO UPSTREAM OF ISOL VALVE FOR ADJACENT SINK C/W A DEDICATED ISOL VALVE (PIPING & VALVE NOT SHOWN).
LOCATE AND TIE-IN TO EXISTING HOT & COLD DOMESTIC WATER PIPING. VERIFY PIPE SIZE ON SITE.



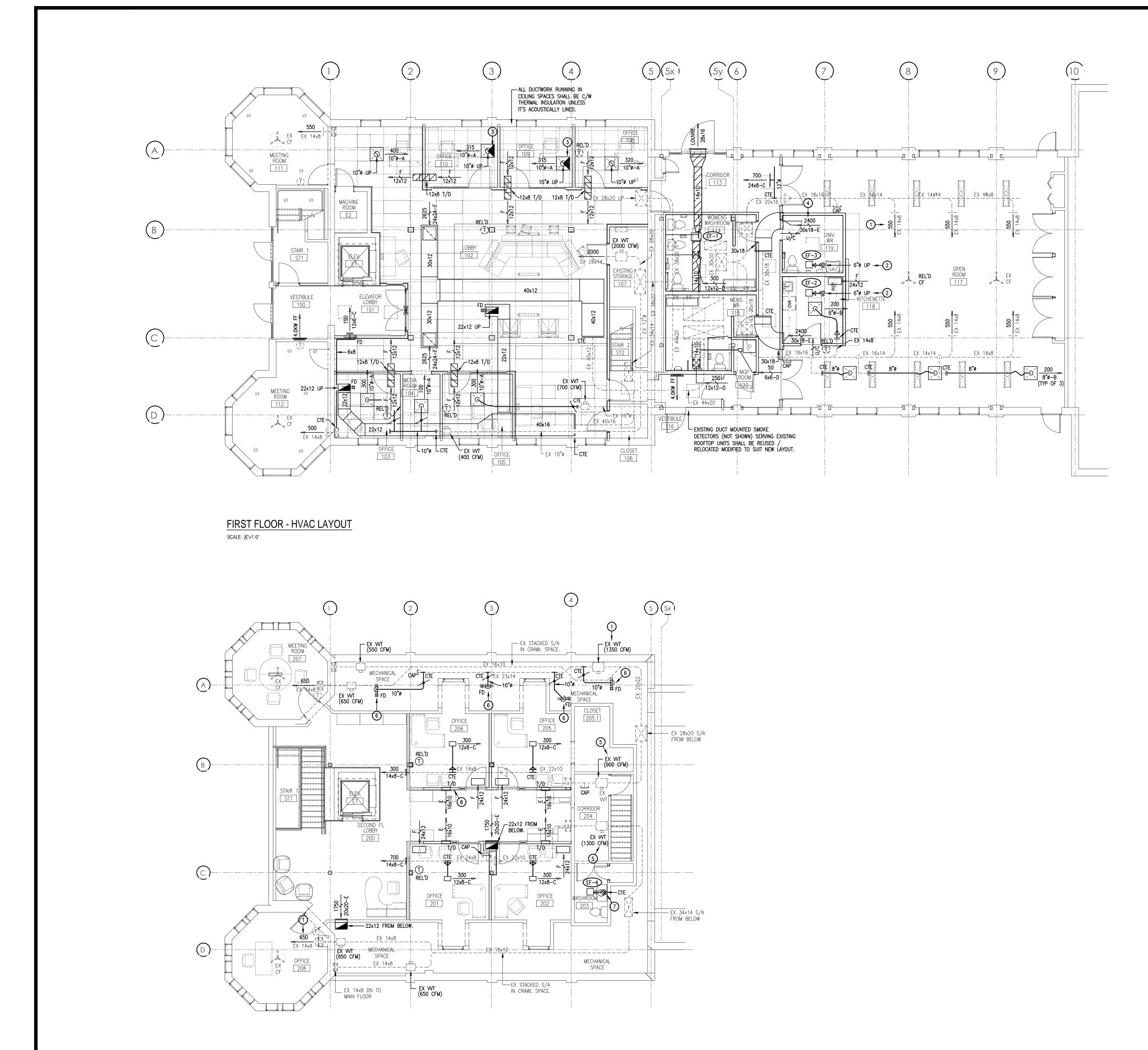
FIRST FLOOR - SPRINKLER LAYOUT SCALE: 1/8"=1'-0"



SCALE: 1/2"=1'-0"

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CLG TILE -0 0 0 — C/L TYPICAL SPRINKLER HEAD LOCATION IN SUSPENDED T-BAR CLGS



 $\frac{\text{SECOND FLOOR - HVAC LAYOUT}}{\text{SCALE: } \text{\%}^{\text{s-1}\text{-0}^{\text{s}}}}$

BAS NOTE: ANY WORK ASSOCIATED WITH / REQUIRED BY THE RENOVATIONS TO THE EXISTING BUILDING AUTOMATION SYSTEM SHALL BE COMPLETED BY DURELL CONTROL SYSTEMS INC. THIS CONTRACTOR SHALL CARRY ALL COSTS ASSOCIATED WITH THE BAS SYSTEM REVISION IN THEIR TENDER PRICE.

NOTE: THIS CONTRACTOR SHALL EMPLOY THE SERVICES OF A PROFESSIONAL DUCT CLEANING COMPANY TO CLEAN THE COMPLETE INTERIOR OF THE EXIST RETURN DUCTWORK SYSTEMS. ACCESS TO DUCTWORK SHALL BE THROUGH EXIST GRILLES / DUCT OPNG. WHERE REQUIRED PROVIDE ADDITIONAL DUCT ACCESS DOORS.

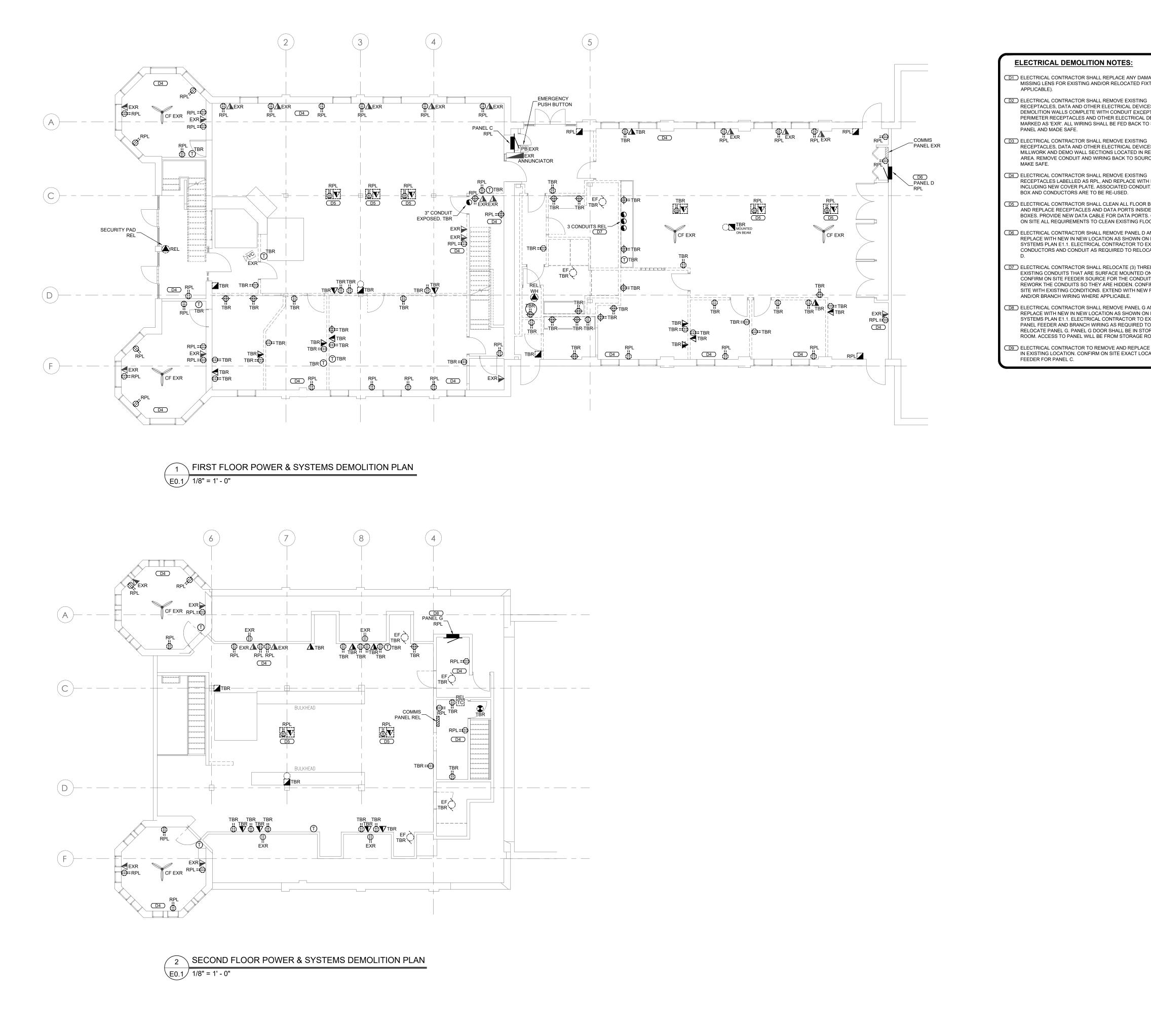
Notes for this sheet:

D-BALANCE ALL SYSTEMS / DIFFUSER / REGISTERS / WT DAMPERS TO AIR FLOWS INDICATED. REFER TO SPEC FOR ADDITIONAL REQUIREMENTS. TYPICAL.
2- EXH DUCT SHALL TERMINATE RAINCAP ABOVE ROOF.
3→→ PROVIDE QUADRANT BLANK-OFF.
4 LOCATE R/A GRILLED ON FACE OF THE BULKHEAD ABOVE THE WR SUSPENDED CLG. TYPICAL FOR 2. REFER TO ARCH ELEVATIONS FOR DETAILS.
5
6- S/A BRANCH DUCT DN TO MAIN FLR CLG SPACE.
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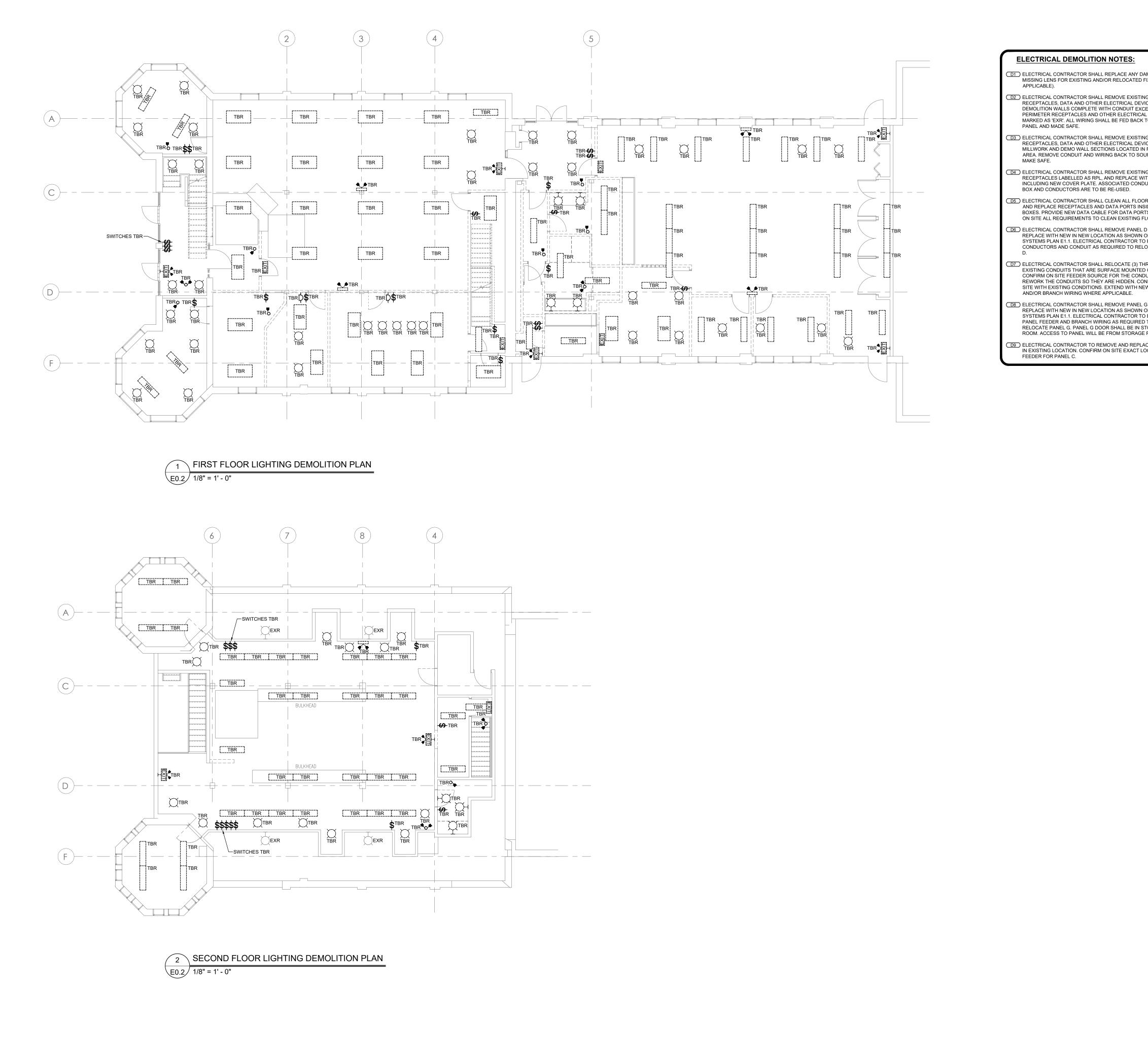
NO. DATE REVISION BY 3 AUG. 3/23 GREIG J. TOLLAR 46631602 3 08/04/23 ISSUE FOR TENDER J.M. 2 06/16/23 ISSUE FOR TENDER REVIEW J.M. 1 02/15/23 ISSUE FOR REVIEW J.М. NO. DATE ISSUE BY POW PETERMAN consulting engineers 50 Samnah Crescent, Ingersoll, Ontario, N5C 337 Tel. 519 425 5000 Email. info@pow.ca www.pow.ca MECHANICAL CONSULTANT: NMJC **DESIGN SERVICES** T: 519-505-3938 E: INFO@DMDSDESIGN.CA CONSULTANTS ------ PROJECT MANAGERS ------ DESIGNERS ORIENTATION TRUE NORTH PROJECT NORTH ROJECT: MARKET BUILDING INTERIOR RENOVATIONS 21 MARKET STREET E, WOODSTOCK, ON HVAC RENOVATION PLANS DWG NO.: 1/8"=1'-0" M4.1 JAN. 2023 PROJECT #: 00623 CHECKED: SHEET NO .:

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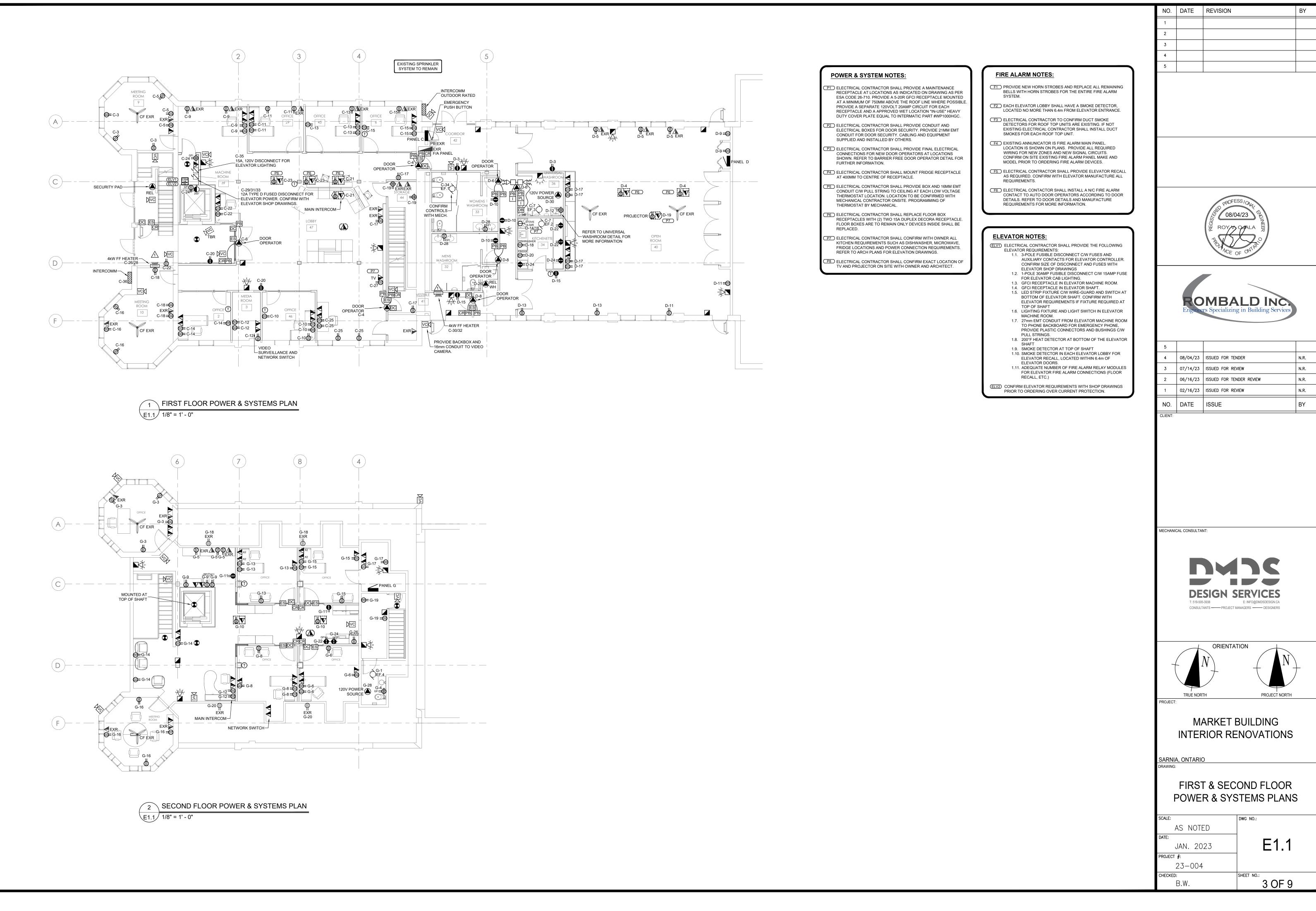
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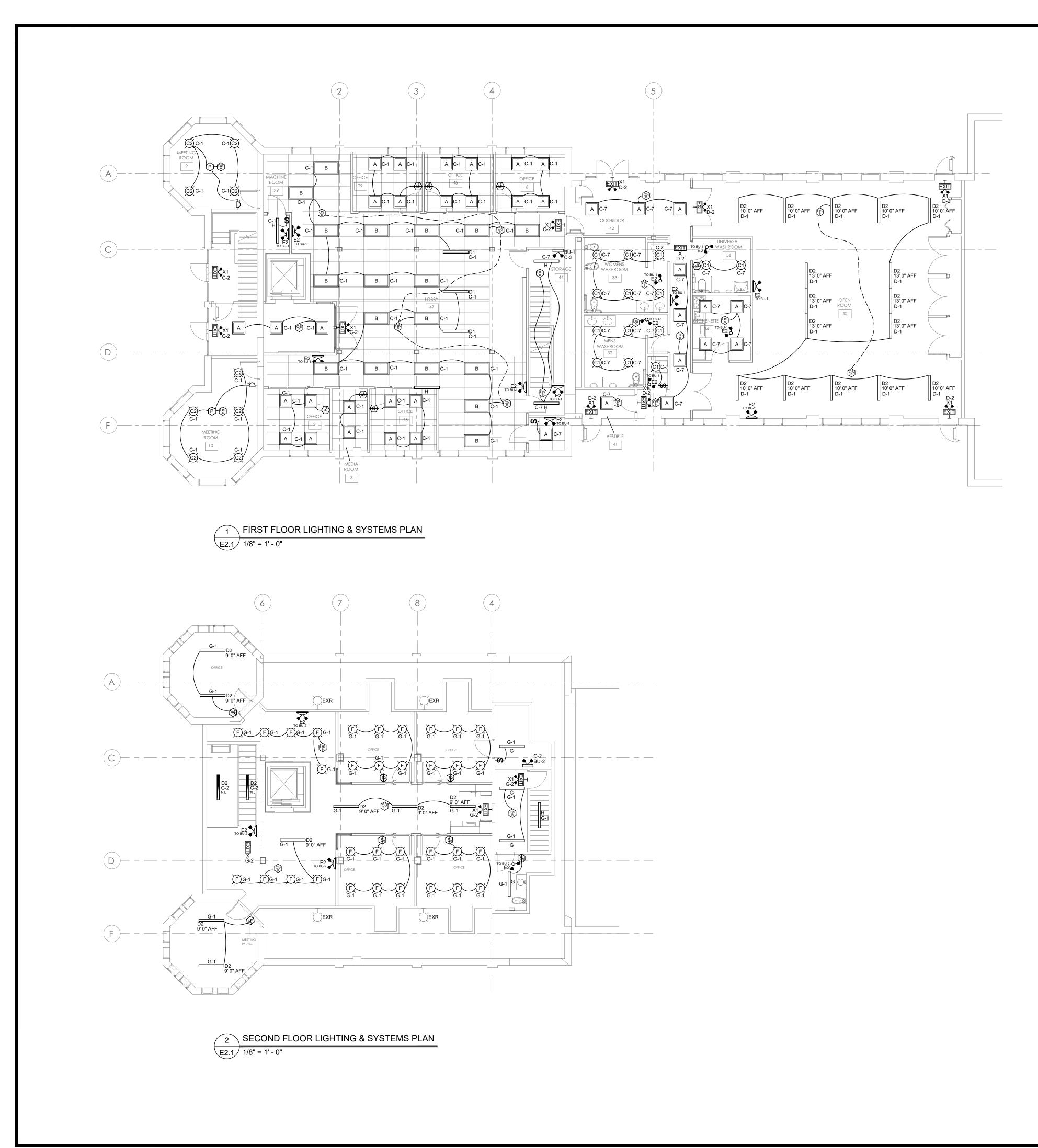


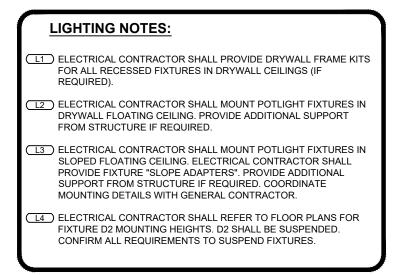
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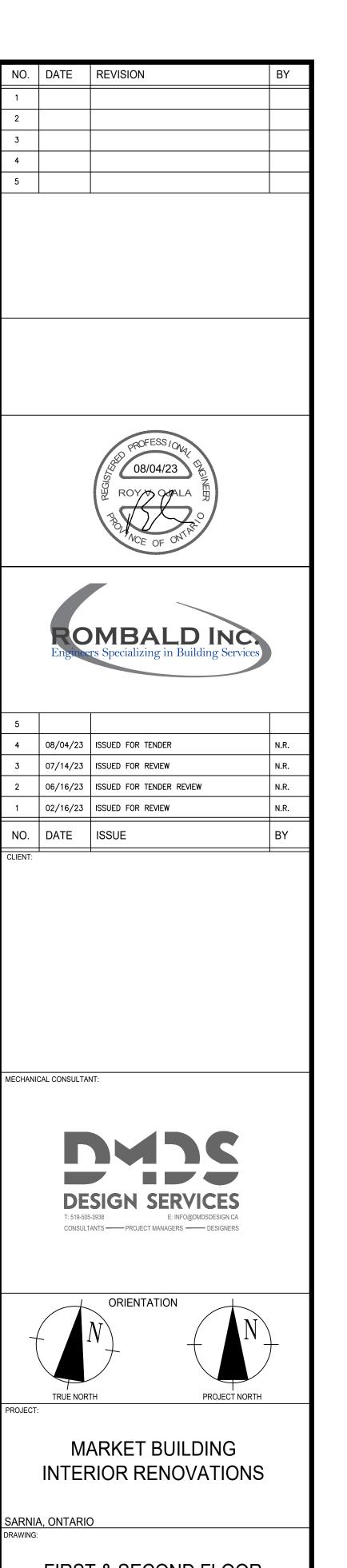
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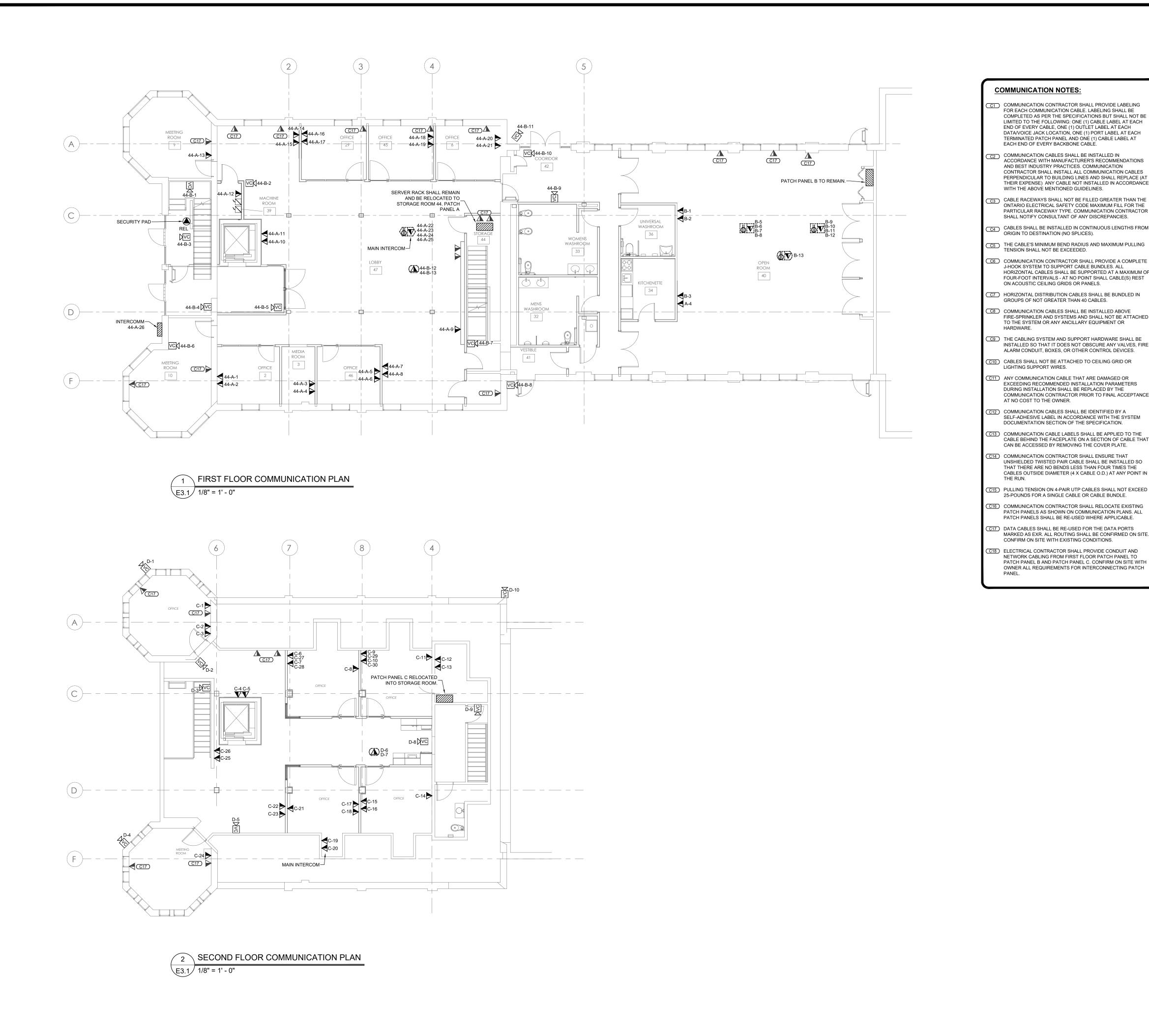
LIFESAFETY NOTES:

- L1 ELECTRICAL CONTRACTOR SHALL CONFIRM ALL MOUNTING HEIGHTS OF WALL MOUNTED DEVICES ON SITE WITH OWNER AND WITH CONSTRUCTION CONDITIONS OF SITE.
- L2 ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL MECHANICAL EQUIPMENT AND LIGHTING FOR CEILING MOUNTED REMOTE HEADS AND EXIT SIGNS.



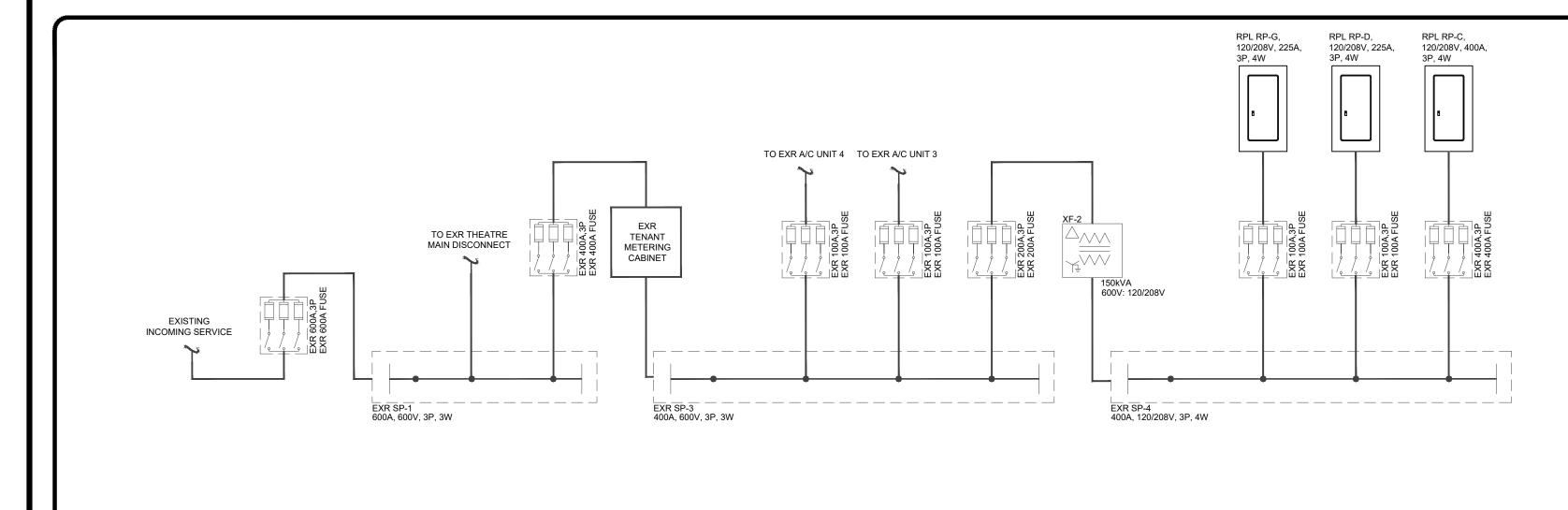
FIRST & SECOND FLOOR LIGHTING & SYSTEMS PLANS

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	ELECTRICAL LEGEND			ELECTRIC	AL LE	EGEND	
/IBOL	DESCRIPTION	MTD. HEIGHT	SYMBOL		CRIPTION		MTD. HEIGHT
	LIGHTING DEVICES			POWER	DEVIC	ES	1
А	LIGHT FIXTURE (TYPE AS PER SCHEDULE) N.L. = NIGHT LIGHT		Φ	RECEPTACLE - DUPLEX (MECH	ANICAL RMS	= 1400mm)	400mm
A	LIGHT FIXTURE (CEILING OR SUSPENDED MOUNTED TYPE AS PER SC	HEDULE)		RECEPTACLE- COUNTERTOP (A	BOVE BACK	SPLASH OR COUNTER)	175mm
	LIGHT FIXTURE (WALL MOUNTED AS PER SCHEDULE)		GFI	RECEPTACLE - GROUND FAULT	INTERRUP	ER	400mm
A	LIGHT FIXTURE (RECESSED MOUNTED TYPE AS PER SCHEDULE)		Ó	RECEPTACLE - 20 AMP T-SLOT			400mm
A	LIGHT FIXTURE (POT LIGHT/CEILING MOUNTED TYPE AS PER SCHEDU	LE)	φ	RECEPTACLE - SPECIAL			TBC
<u> </u>	LIGHT FIXTURE (PENDANT TYPE AS PER SCHEDULE)		$\mathbf{\Phi}\mathbf{V}$	FLOOR BOX MOUNTED - REC/D	ATA (AS PEF	R INSIDE BOX)	N/A
HA	LIGHT FIXTURE (WALL MOUNTED TYPE AS PER SCHEDULE)			MILLWORK MOUNTED - REC/DA	TA (AS PER	INSIDE BOX)	N/A
/0(CEILING MOUNTED - REC/DATA	(AS PER IN	SIDE BOX)	N/A
	LIFESAFETY DEVICES		۲	DIRECT CONNECTION			N/A
XIT I	EMERGENCY EXIT - WALL MOUNTED	TBC	\wedge	MOTOR			N/A
XEXII	EMERGENCY EXIT/REMOTE HEAD COMBO	TBC	s s⁄	STARTER & STARTER/DISCONN	ECT COMBO)	TBC
4	EMERGENCY BATTERY UNIT	TBC		DISCONNECT & FUSED DISCON	NECT		TBC
2	EMERGENCY LIGHT REMOTE HEADS (WALL MOUNTED)	TBC		DISTRIBUTION PANEL - RECESS	ED (TO TOF	')	1900mm
۴	EMERGENCY LIGHT REMOTE HEADS (CEILING MOUNTED)	N/A			E MOUNTEI	D (TO TOP)	1900mm
				WALL MOUNTED FAN-FORCED	HEATER (SIZ	E AS NOTED) TO BOTTOM	100mm
;	LIGHTING CONTROL DEVICES			BASEBOARD HEATER (SIZE AS	NOTED)		50mm
3	COMMERCIAL GRADE SINGLE-POLE SWITCH 15 AMP	1050mm	T	LOW VOLTAGE THERMOSTAT			MECH
ŕ	COMMERCIAL GRADE THREE-WAY SWITCH 15 AMP	1050mm	JB	JUNCTION BOX			ТВС
B	WALL MTD. OCC SENSOR C/W 0-10V DIMMING (WATTSTOPPER DW-311)	1050mm		LOCKED/OCCUPIED WHEN LIT	NDICATOR -	BARRIER FREE	1050mm
3	WALL MTD. OCC SENSOR - 2 POLE (WATTSTOPPER DW-200)	1050mm	PL	PUSH TO LOCK BUTTON - BARF			1050mm
-10V	DIMMER SWITCH - 0-10V (WATTSTOPPER DCLV2)	1050mm	DB	PUSH BUTTON-CONVENIENCE/	DISTRESS		1050mm
	CEILING MTD. OCC SENSOR - LOW VOLTAGE (WATTSTOPPER DT-300)	N/A	PB	PUSH BUTTON - BARRIER FREE			1050mm
	CEILING MTD. OCC SENSOR - LINE VOLTAGE (WATTSTOPPER DT-355)	N/A	E HA	BUZZER / HORN			ТВС
	LIGHTING CONTROL POWER PACK (WATTSTOPPER BZ-250)	N/A					100
	FIRE ALARM DEVICES						
	FIRE ALARM PULL STATION	1050mm		ABBRE	VIAT	IONS	
	FIRE ALARM / ANNUNCIATOR PANEL (HEIGHT TO TOP)	1500mm	TBR	TO BE REMOVED	REL	RELOCATED	
 ⊲	HORN (HEIGHT TO TOP)	2400mm	EXR	EXISTING TO REMAIN	RAR	REMOVE AND RE-INSTALL E	XISTING
K)-	HORN/STROBE COMBO (HEIGHT TO LENS)	2200mm	CTE	CONNECT TO EXISTING	AFF	ABOVE FINISHED FLOOR	
<u> </u>	FIRE ALARM STROBE - WALL MTD (HEIGHT TO LENS)	2200mm	O/H	OVERHEAD	AGF	ABOVE GROUND FLOOR	
))	HEAT DETECTOR	N/A	AFG	ABOVE FINISHED GRADE	U/F	UNDER FLOOR	
	SMOKE DETECTOR	N/A	RPL	REMOVE AND REPLACE WITH NEW	U/G	UNDER GROUND	
)]	DUCT MOUNTED SMOKE DETECTOR	N/A		DRAWING			
	ISOLATION MODULE	N/A		_			NT I.D. TAG
	CONTROL RELAY MODULE	ТВС)			
				CONDUIT &	TRA	Y TYPES	
	COMMUNICATION DEVICES		U/G		UNDERG	ROUND CONDUIT (SIZE AS P	PER PLAN)
7	COMMUNICATION/TELEPHONE OUTLET	400mm	<u>O/H</u>		OVERHE	AD CONDUIT (SIZE AS PER P	PLAN)
]	COMMUNICATION OUTLET MOUNTED IN FLOOR BOX	N/A		Ð	CONDUIT	STUB DOWN	
>	COMMUNICATION OUTLET MOUNTED IN MILLWORK	VARIOUS		\mathbf{O}	CONDUI	STUB UP	
)	COMMUNICATION OUTLET-CLG MOUNTED	N/A		- <u></u>	CONDUIT	CAP OFF	
<u>r</u>	COMMUNICATION OUTLET MOUNTED AT COUNTERTOP HEIGHT	175mm		<u> </u>	CONDUIT	CONTINUATION	
	ACCESS CONTROL (KEY FOB, CARD SWIPE, ETC.)	1100mm	DISC	CLAIMER:			
-] 5]	ELECTRIC STRIKE	ТВС		IT TYPES AS NOTED ON DRAWING			
<u> </u>	DOOR CONTACT	ТВС	NOTED OI	EMOUNTING HEIGHTS TO CENTRE-LI N PLANS. CONFIRM ALL MOUNTING F	IEIGHTS WI	TH ARCHITECTURAL PLANS	
				INSTALLATION. NOTIFY CONSULTAN	IT OF ANIX F		



∖ PARTIAL ELECTRICAL DISTRIBUTION RISER DIAGRAM

E4.1 NTS

RAL CONDITIONS:

- ANADIAN STANDARD FORM OF CONSTRUCTION CONTRACT SENERAL CONDITIONS GOVERNING THE SAME CCDC LES 1 TO 45 INCLUSIVE ARE HEREBY MADE A PART OF THIS FICATION.
- ORK SHALL BE IN FULL ACCORDANCE WITH THE IREMENTS OF THE ONTARIO ELECTRICAL CODE, LOCAL R COMMISSION AND THE LOCAL INSPECTION DEPARTMENT IREMENTS.
- FRICAL CONTRACTOR SHALL INCLUDE FOR GENERAL ESA ELECTRICAL CONSULTANT WILL BE RESPONSIBLE FOR ANY CIATED FEES FOR THE ESA PLAN REVIEW. CONTRACTOR SHALL MAINTAIN ADEQUATE LIABILITY
- ANCE. ORKMANSHIP SHALL BE EXECUTED TO A STANDARD
- RMINED BY GOOD PRACTICE. THE ELECTRICAL RACTOR SHALL GUARANTEE THE INSTALLATION FOR ONE LECTRICAL CONTRACTOR SHALL ELECTRIC SHOP
- INGS TO THE ENGINEER. MATERIALS SHALL NOT BE RED UNTIL REVIEW HAS BEEN COMPLETED. APPROVAL IS ENERAL DESIGN AND ARRANGEMENT ONLY.
- WNERS RESERVE THE RIGHT TO ALTER THE LOCATION OF TEM UP TO TEN (10) FEET (3M) WITHOUT INCURRING AN A COST, PROVIDED HE DOES SO BEFORE THE ITEM IS
- ATERIAL AND EQUIPMENT USED ON THIS PROJECT SHALL BE APPROVED.
- UTTING AND PATCHING FOR ELECTRICAL WORK SHALL BE BY THE GENERAL CONTRACTOR AT THE ELECTRICAL RACTOR'S EXPENSE.
- LECTRICAL CONTRACTOR SHALL VISIT THE SITE TO IARIZE HIMSELF WITH THE EXISTING CONDITIONS BEFORE ITTING HIS TENDER PRICE.
- IMENSIONS SHALL BE TAKEN FROM THE ARCHITECTURAL INGS. LECTRICAL CONTRACTOR SHALL SUPPLY ALL LABOUR AND
- RIALS TO PROVIDE ELECTRIC SERVICE COMPLETE WITH ALL CH CIRCUITS AND FINAL CONNECTIONS TO ALL ELECTRICAL MENT AS SHOWN ON PLANS. TING HEIGHTS SEE DESIGNER DRAWINGS FOR MOUNTING
- IDE LABELLING OF ALL ELECTRICAL DEVICES AND
- OMMUNICATION CABLING AND CONTROL WIRING SHALL BE CMP) RATED RUNNING THROUGH RETURN AIR PLENUM. IUNICATION CABLING AND CONTROL WIRING SHALL BE FT-4 RATED RUNNING THROUGH CEILING SPACE NOT BEING AS A RETURN PLENUM OR COMPLETELY IN CONDUIT FROM O FND
- FRICAL CONTRACTOR SHALL COORDINATE AND FACILITATE OWER AND COMMUNICATION SERVICING TO BUILDING. DINATE WITH LOCAL PUC AND COMMUNICATION VENDORS QUIRED. ALL COORDINATION SHALL BE COMPLETED PRIOR STALLATION OF CONDUITS/EQUIPMENT, NOTIFY SULTANT OF ANY DISCREPANCIES.
- FRICAL CONTRACTOR SHALL CARRY SUB CONTRACTOR FOR IUNICATION SCOPE. COMMUNICATION CONTRACTOR SHALL IDE PRICING FOR SCOPE OF WORK. ELECTRICAL RACTOR SHALL REFER TO CLIENT RECOMMENDATIONS FOR IUNICATION CONTRACTORS.
- OLLOWING DOCUMENTS ARE REQUIRED TO BE SUBMITTED E ELECTRICAL CONTRACTOR TO THE ELECTRICAL ULTANT WHERE APPLICABLE. THE DOCUMENTS SHALL BE ITTED AT THE COMPLETION OF THE PROJECT AND PRIOR TO CLOSEOUT DOCUMENTATION IS ISSUED FROM THE
- EMERGENCY LIGHTING TEST LETTER FIRE ALARM VERIFICATION REPORT & CERTIFICATE ESA FINAL CERTIFICATE

- **GENERAL POWER & SYSTEM NOTES:**
- ALL EXPOSED EMT CONDUITS ROUTING SHALL BE ROUTED NEATLY AND INLINE WITH BUILDING GRID LINES C/W 90 DEGREE BENDS MINIMIZE EXPOSED CONDUIT RUNS THROUGH THE CENTER CEILING SPACE UNLESS REQUIRED FOR CONNECTION TO EQUIPMENT
- ELECTRICAL CONTRACTOR SHALL PROVIDE AN APPROVED WET LOCATION "IN-USE" HEAVY DUTY COVER PLATE EQUIVALENT TO INTERMATIC PART #WP1000HGC.
- ELECTRICAL CONTRACTOR SHALL PROVIDE 21MM EMT CONDUIT FOR SECURITY
- ELECTRICAL CONTRACTOR SHALL PROVIDE PULL STRINGS FOR ALL EMPTY CONDUITS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE LABELLING OF ALL ELECTRICAL DEVICES AND EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE 5-20R RECEPTACLE
- FOR ALL CORRIDOR CONVENIENCE RECEPTACLES ELECTRICAL CONTRACTOR SHALL PROVIDE AN EMPTY 21MM EM CONDUIT TO CEILING SPACE FOR EACH WALL DATA OUTLET. PROVIDE EMT CONNECTORS AND PLASTIC BUSHINGS AT THE END OF EACH COMMUNICATION CONDUIT C/W PULL STRING COORDINATE WITH PROJECT MANAGER ON SITE
- ELECTRICAL CONTRACTOR SHALL PROVIDE NEW GFI RECEPTACLES IN WASHROOMS. CONFIRM LOCATIONS ON SITE. COORDINATE LOCATION WITH MIRROR TO AVOID INTERFERENCES.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED FIRE STOPPING FOR ALL FIRE RATED ASSEMBLY PENETRATIONS. . ELECTRICAL CONTRACTOR SHALL PROVIDE NEW ELECTRICAL
- PANELS AND BREAKERS ACCORDING TO PANEL SCHEDULE AND DISTRIBUTION SINGLE-LINE DETAIL. . ALL WALL MOUNTED DEVICES (IE: RECEPTACLES, VOICE AND
- DATA) ARE TO BE LEVITON DECOR SERIES. COLOURS TO BE ETERMINED BY ARCHITECT WHERE NOT NOTED IN DRAWINGS OR SPECIFICATIONS. COVER PLATES ARE TO BE STAINLESS
- . ELECTRICAL BOXES ON EXTERIOR WALLS AND ROOFTOP PENETRATIONS SHALL BE SUITABLE FOR A VAPOUR BARRIER INSTALLATION.
- 3. ELECTRICAL CONTRACTOR TO COORDINATE ALL MECHANICAL EQUIPMENT LOCATIONS AND THEIR RESPECTIVE CHARACTERISTICS WITH THE MECHANICAL CONTRACTOR ON SITE PRIOR TO ROUGH-IN. NOTIFY ELECTRICAL CONSULTANT OF ANY DISCREPANCIES BETWEEN TENDER INFORMATION AND MECHANICAL EQUIPMENT.

GENERAL ELECTRICAL DEMOLITION NOTES:

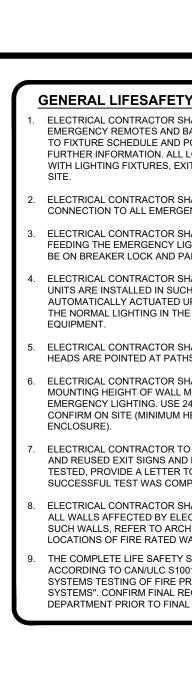
- EXISTING ELECTRICAL ITEM IDENTIFIED AS "EXR" TO REMAIN AS SHOWN
- EXISTING ITEM IDENTIFIED AS 'TBR' SHALL BE REMOVED FROM EXISTING WALL OR CEILING. REMOVE WIRING BACK TO SOURCE AND MAKE SAFE. ALL FIXTURES NOTED FOR REMOVAL, THAT MAY CONTAIN HAZARDOUS SUBSTANCES. ARE TO BE HANDLED AND DISPOSED OF ACCORDING TO ONTARIO REGULATIONS.
- ELECTRICAL CONTRACTOR SHALL RELOCATE (REL) EXISTING ELECTRICAL ITEM TO NEW WALL OR CEILING AS SHOWN ON ELECTRICAL PLAN. EXTEND CONDUIT AND WIRING TO SUIT NEW LOCATION. EXISTING CIRCUIT TO BE RE-USED WHERE POSSIBLE
- ELECTRICAL CONTRACTOR SHALL REMOVE ALL REDUNDANT ELECTRICAL AND COMMUNICATIONS CABLES FROM CEILING SPACES

GENERAL FIRE ALARM NOTES:

- AS PER ONTARIO BUILDING CODE RULE 3.2.4.5 FIRE ALARM SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH CAN/ULC-S524-14 AND SHALL BE VERIEIED IN CONFORMANCE WITH CAN/ULC-S537-13 TO ENSURE PROPER PERFORMANCE.
- WHEN A CONVENTIONAL FIELD DEVICE IS RELOCATED, ADDED OR DELETED ON AN EXISTING INPUT OR OUTPUT CIRCUIT AND THE NEW OR ALTERED WIRING IS EXTENDED, THE DEVICE CONNECTED ON EITHER SIDE OF THE ADDITION / ALTERATION AS WELL AS THE END OF LINE FOR THAT CIRCUIT MUST BE VERIFIED AS PER VERIFICATION STANDARD CAN/ULC -S537-13.
- ALL MODIFICATIONS AND ADDITIONS TO THE FIRE ALARM SYSTEM ARE TO BE DESIGNED, INSTALLED AND TESTED IN ACCORDANCE WITH SUBSECTION 3.2.4. OF THE ONTARIO BUILDING CODE NOTE: FINAL ACCEPTANCE OF THE FIRE ALARM SYSTEMS AUDIBILITY WILL BE SUBJECT TO A FIELD TEST.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AN IDENTIFYING LABEL SECURELY ATTACHED TO FRONT COVER PLATE OF EACH END OF LINE DEVICE INDICATING ZONE SERVED.
- ELECTRICAL CONTRACTOR SHALL MOUNT END OF LINES DEVICES AT 1700mm A.F.F. AT LOCATION INDICATED ON DRAWINGS FOR FIRE ALARM ZONES. END OF LINE DEVICES LOCATED AT PULL STATIONS SHALL BE MOUNTED DIRECTLY ABOVE THE PULL STATION.
- NEW FIRE ALARM DEVICES SHALL BE CONNECTED TO EXISTING FIRE ALARM CIRCUITS WHERE POSSIBLE. RELOCATE EXISTING END OF LINE RESISTORS AS REQUIRED. INCLUDE FOR ANY ADDITIONAL MODULES AND POWER SUPPLIES AS REQUIRED.
- FOR EXACT LOCATIONS AND QUANTITIES OF NEW DEVICES, REFER TO FLOOR PLANS. BASED UPON LENGTH OF CIRCUIT RUN AND QUANTITY OF
- SIGNALS, CONTRACTOR IS TO CONFIRM WIRE SIZE FOR SIGNAL CIRCUIT WITH MANUFACTURER . PROVIDE FAULT ISOLATION MODULES AS REQUIRED BY
- CAN/ULC-S524-14 AND BASED UPON EXACT ROUTING OF CONDUCTORS.
- COORDINATE LOCATION OF ALL SPRINKLER RELATED FIRE ALARM ITEMS WITH SPRINKLER CONTRACTOR.

GENERAL LIGHTING NOTES:

- ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL LIGHTING CIRCUITS SHALL HAVE SEPARATE NEUTRALS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE NEW LIGHTING CONTROL AS SHOWN. REFER TO ELECTRICAL LEGEND FOR DETAILS
- ELECTRICAL CONTRACTOR SHALL CONNECT ALL NIGHT LIGHTS TO UNSWITCHED CIRCUIT AS SHOWN AND PROVIDE BREAKER LOCK.
- NOTE THAT THE MOUNTING HEIGHTS OF THE SUSPENDED AND WALL MOUNTED FIXTURES DENOTE THE HEIGHT OF THE BOTTOM OF THE FIXTURE FROM FINISHED FLOOR. COORDINATE MOUNTING HEIGHT OF WALL FIXTURES ONSITE.
- ELECTRICAL CONTRACTOR SHALL PROVIDE CHAIN SUSPENSION FROM ROOF STRUCTURE FOR FIXTURES MOUNTED IN T-BAR CEILINGS. SUSPEND FIXTURE FROM CEILING GRID, REFER TO MANUFACTURER SPECIFICATIONS FOR SUSPENSION REQUIREMENTS
- ELECTRICAL CONTRACTOR SHALL ENSURE ALL LIGHTING FIXTURES INSTALLED IN INSULATED CEILINGS ARE "IC RATED".
- COVER PLATES FOR COMMERCIAL & COMMON AREA LIGHT SWITCHES REQUIRING COVER PLATES AND OTHER LIGHTING DEVICES SHALL BE STAINLESS STEEL TYPE USING LEVITON STYLE-LINE DECORATOR SERIES, USE CATALOGUE #SO26 (SINGLE GANG) AND SO262 (DOUBLE GANG).
- SINGLE POLE SWITCHES FOR COMMERCIAL & COMMON AREA SHALL BE OF WHITE SPECIFICATION GRADE AND RATED FOR 120V USING LEVITON MANUFACTURER, USE CATALOGUE #5621-2W.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ACCESSORIES, POWER PACKS AND HARDWARE FOR A COMPLETE LIGHTING CONTROL SYSTEM.
- NOTES:) ELECTRICAL CONTRACTOR SHALL PROVIDE ENGRAVED LAMACOIDS FOR ALL PANELS AND SWITCHBOARDS.
-) ELECTRICAL CONTRACTOR SHALL PROVIDE A FUSIBLE SAFETY SWITCH FOR ELEVATOR CONTROLLERS. SWITCH SHALL BE COMPLETE WITH AUXILIARY DRY CONTACTS. CONFIRM SIZE WITH ELEVATOR SHOP DRAWINGS.
-) ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED ELECTRICAL PANELS AS SHOWN ON DISTRIBUTION RISER.
-) ELECTRICAL CONTRACTOR SHALL TORQUE ALL TERMINATIONS OF ELECTRICAL DISTRIBUTION EQUIPMENT AS PER MANUFACTURER'S
- SPECIFICATIONS.) ELECTRICAL CONTRACTOR SHALL LABEL ALL FUSED DISCONNECT
- SWITCHES WITH MAX FUSE SIZE RATING.) ELECTRICAL CONTRACTOR SHALL CONFIRM FINAL ELECTRICAL
- REQUIREMENTS FOR ELEVATOR PRIOR TO INSTALL. REPORT ANY DISCREPANCIES TO ELECTRICAL CONSULTANT. ELEVATOR SPEC WAS NOT AVAILABLE AT TIME OF DESIGN.
-) ELECTRICAL CONTRACTOR SHALL RE-USE EXISTING FEEDERS FOR EXISTING PANELS BEING REPLACED WITH NEW IN SAME LOCATION. CONFIRM ON SITE ALL FEEDERS THAT ARE IN GOOD CONDITION AND CAN REMAIN. PROVIDE NEW CONDUIT AND CONDUCTORS WHERE REQUIRED REFER TO FLOOR PLANS FOR ALL PANELS LABELED RPL (REMOVE AND REPLACE WITH NEW) FOR MORE INFORMATION.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR RE-WORKING ALL REMAINING BRANCH WIRING TO NEW CORRESPONDING PANELS. CONFIRM ON SITE ALL CIRCUITS THAT ARE TO REMAIN PROVIDE BREAKERS ACCORDINGLY AND NEW BRANCH WIRE WHERE REQUIRED. TRACE ALL EXISTING CIRCUITS PRIOR TO RE-WORKING TO NEW PANEL.
- B) ELECTRICAL EQUIPMENT EXISTING TO REMAIN IS IN MAIN BUILDING ELECTRICAL ROOM. CONFIRM ON SITE EXACT LOCATION OF ALL EQUIPMENT. FEEDERS FROM ELECTRICAL ROOM TO REPLACED PANELS ARE TO REMAIN.



Y NOTES: HALL PROVIDE NEW EXIT LIGHTING,				
BATTERY UNITS AS SHOWN. REFER POWER & SYSTEMS PLAN FOR LOCATIONS TO BE COORDINATED KIT SIGNS AND OTHER EQUIPMENT ON	1 2 3			
HALL PROVIDE A DIRECT ENCY BATTERY UNITS. HALL ENSURE THE BREAKER GHTING AND EXIT FIXTURES SHALL	4 5			
AINTED YELLOW IN COLOR. HALL ENSURE THAT ALL BATTERY H A MANNER THAT IT WILL BE JPON LOSS OF POWER SUPPLY TO E AREA COVERED BY THAT BATTERY				
IALL ENSURE ALL EMERGENCY IS OF EGRESS. IALL COORDINATE ON SITE				
IOUNTED EXIT SIGNS AND 400mm AS A GENERAL HEIGHT BUT EIGHT OF 2000mm TO BOTTOM OF				
D PROVIDE 1/2 HOUR TEST OF NEW EMERGENCY LIGHTING. ONCE TO ROMBALD INC. STATING A PLETED.				
IALL PROVIDE FIRE STOPPING TO CTRICAL EQUIPMENT PENETRATING IITECTURAL DRAWINGS FOR ALLS.		AD P	OFESSIONAL	
SYTEM SHALL BE TESTED 11-11 "STANDARD FOR INTEGRATED ROTECTION AND LIFE SAFETY EQUIREMENTS WITH LOCAL BUILDING . SIGN OFFS.		ROUN REGISTER	D8/04/23	
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/OLTAGE: 120/208V IG BAR A Y BREAKER LOCK - YELLOW /Y BREAKER LOCK - YELLOW A R BREAKER LOCK - YELLOW /AINS: 400A I Cockable Door MAINS: 225A	NRT TR-S Operator NRT TR-S Operator NRT Transmission 0.000 1.000000000000000000000000000000000000	PANEL: RP-C /OLTAGE: 120/208V PHASE: 3Ø, 4W /AINS: 400A IO. OF CIRCUITS: 48 CCT			PANEL INFORMATION						
Olitholity Operation <	Characterization Construction Construct	YOLTAGE: 120/208V PHASE: 3Ø, 4W MAINS: 400A NO. OF CIRCUITS: 48 CCT		BREAKER LOCK		ACCESSONIES	LEGEND	PANEL INFC	ORMATION	ACCESSORIES	LEGEND
CHARGE 100 MR V 1	Distriction	PHASE: 3Ø, 4W MAINS: 400A NO. OF CIRCUITS: 48 CCT			PANEL: RP-D		BREAKER LOCK		RP-G	DRIP HOOD	^ BREAKER LOCK
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	FIXTURE SCHEDULE														
TYPE	MANUFACTURE	MODEL	CATALOGUE NUMBER	NUMBER AND TYPE OF LAMPS	LAMP COLOR	VOLTAGE	MOUNTING	MOUNTING HEIGHT	REMARKS	ALTERNATE MANUFACTURE	TYPICAL LOCATION				
А	SIGNIFY	FLUX GRID	2FGXG-30L835-2-RS-UNV	22W LED	3500K	120V	RECESSED	N/A	PROVIDE ALL REQUIREMENTS FOR T-BAR INSTALLATION	-	-				
В	SIGNIFY	FLUX GRID	2FGXG-38L835-4-RS-UNV	27W LED	3500K	120V	RECESSED	N/A	PROVIDE ALL REQUIREMENTS FOR T-BAR INSTALLATION	-	-				
C1	SIGNIFY	EASYLYTE 4" POT	Z4RDL15935WOCDZ10	15W LED	3500K	120V	RECESSED	N/A	PROVIDE ALL REQUIREMENTS FOR RECESSED INSTALLATION	-	-				
C2	SIGNIFY	EASYLYTE 4" POT	Z4RDL25935WOCDZ10	27W LED	3500K	120V	RECESSED	N/A	PROVIDE ALL REQUIREMENTS FOR RECESSED INSTALLATION	-	-				
D1	AXIS	BEAM 3	TB3DLED-500-80-35-SO-4-BLK-120-DP-1-CT9	16W LED	3500K	120V	SUSPENDED	9" 0" AFF	PROVIDE ALL REQUIREMENTS TO SUSPEND FIXTURE	-	LOBBY				
D2	AXIS	BEAM 3	TB3DLED-1000-80-35-SO-4-BLK-120-DP-1-CT9	32W LED	3500K	120V	SUSPENDED	FLOOR PLANS	PROVIDE ALL REQUIREMENTS TO SUSPEND FIXTURE	-	LOBBY				
F	SIGNIFY	LYTECASTER 4"	L4R1L4R10AZ10UVB-L4R0935VB-L4RADW	9W LED	3500K	120V	RECESSED	N/A	PROVIDE ALL REQUIREMENTS FOR RECESS INSTALLATION	-	SLOPED CEILING				
G	VISCOR	LCOM STRIP	LCOM48-LED-835K044LUNV-V68	29W LED	3500K	120V	SURFACE	N/A	BUILT IN OCCUPANCY SENSOR	-	STAIRWELL				
Н	VISCOR	LCOM STRIP	LCOM48-LED-835K044LUNV	29W LED	3500K	120V	SURFACE	N/A	PROVIDE REQUIREMENTS FOR SURFACE MOUNT INSTALLATION	-	BACK OF HOUSE				
х	LUMACELL	LS SERIES	LS-3-W-S	2.5W LED	LED	120V	CEILING	N/A	CONFIRM MOUNTING ON SITE	EQUIVALENT					
X1	LUMACELL	LSC SERIES	LSC-1250-W-2-LD9-AT	(2) 5W LED	GREEN	120V	WALL	8' - 0" AFF	POINT HEADS AT PATH OF EGRESS	EQUIVALENT					
E2	LUMACELL	MQM SERIES	MQM-2-LD9	(2) 5W LED	LED	12V DC	WALL/CEILING	8' - 0" AFF	POINT HEADS AT PATH OF EGRESS	EQUIVALENT					
3U-1	LUMACELL	RGS SERIES	RG12S-100-2-LD9-AT	(2) 5W LED	LED	120V/12V DC	WALL	8' - 0" AFF	POINT HEADS AT PATH OF EGRESS	EQUIVALENT					
BU-2	LUMACELL	RGS SERIES	RG12S-36-2-LD9-AT	(2) 5W LED	LED	120V/12V DC	WALL	8' - 0" AFF	POINT HEADS AT PATH OF EGRESS	EQUIVALENT					

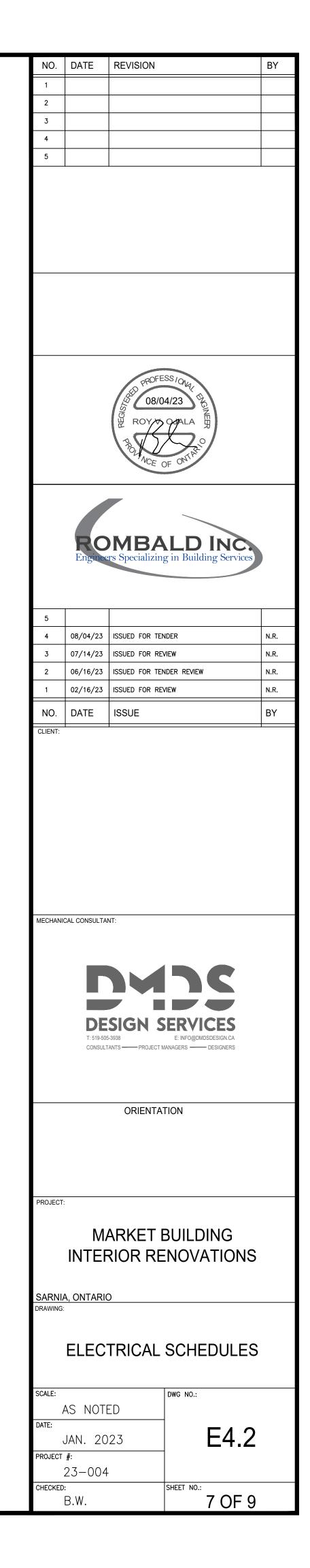
1	WIRING FOR MECHANICAL EQUIPMENT SCHEDULE														LE														
	EQUIPMENT MOTOR STARTERS ISOLATION SW. REMOTE ITEMS																												
MECH ID	NAME OR DESCRIPTION	VOLTAGE	HORSEPOWER MC AMPS OR KW	FUSE/BREAKER SIZE	WIRE SIZE	PHASE	E-MAC RATING	MANUAL	MAGNETIC	COMBINATION	H.O.A.	ON/OFF SS	PILOT	STOP/START PUSHBUTTON	EMERG. STOP PUSHBUTTON	CONTROL VOLTAGE	WIRING BY	ISOLATION SWITCHES	W/P ISOLATION SWITCH	WIRING BY	T-STAT	SPEED CONTROL	F.A. SHUTDOWN	TIME CLOCK	REVERSE ACTING T-STAT	MISC. 1	MISC. 2	INTERLOCK WITH	EQUIPMENT SUPPLIED OR CONNECTE E- ELECTRICAL CONTRACTOR M- MECHANICAL CONTRACTOR
EF.1	EXHAUST FAN	120V	3.6A	15A	#12	1												М		E									MOTOR COMPLETE WITH PLUG TYPE I
EF.2	EXHAUST FAN	120V	0.23A	15A	#12	1												E		Е	М								TIE INTO LOCAL LIGHTING CIRCUIT
EF.3	EXHAUST FAN	120V	0.23A	15A	#12	1												E		Е	М								TIE INTO LOCAL LIGHTING CIRCUIT
EF.4	EXHAUST FAN	120V	0.23A	15A	#12	1												E		Е	М								TIE INTO LOCAL LIGHTING CIRCUIT
			•																										•

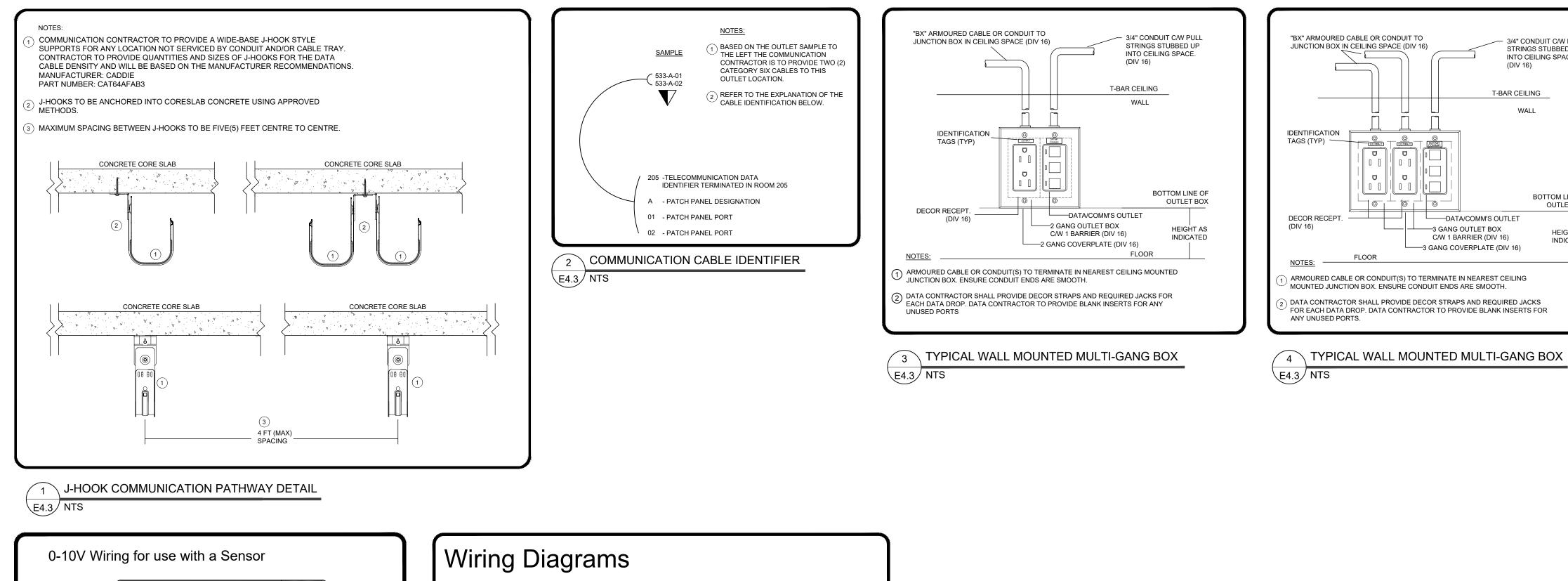
ELECTRIC HEATER SCHEDULE							
TYPE	MANUFACTURER	MODEL	CATALOGUE NUMBER	WATTAGE	VOLTAGE	PHASE	REMARKS
A	STELPRO	WF SERIES	WF4008T	4000W	208V	1	PROVIDE BUILT-IN T'STAT FINISH BY ARCHITECT.

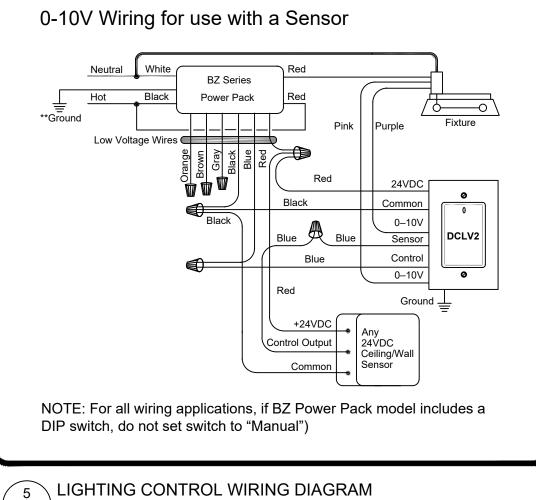
REMARKS

IT SUPPLIED OR CONNECTED BY : RICAL CONTRACTOR NICAL CONTRACTOR

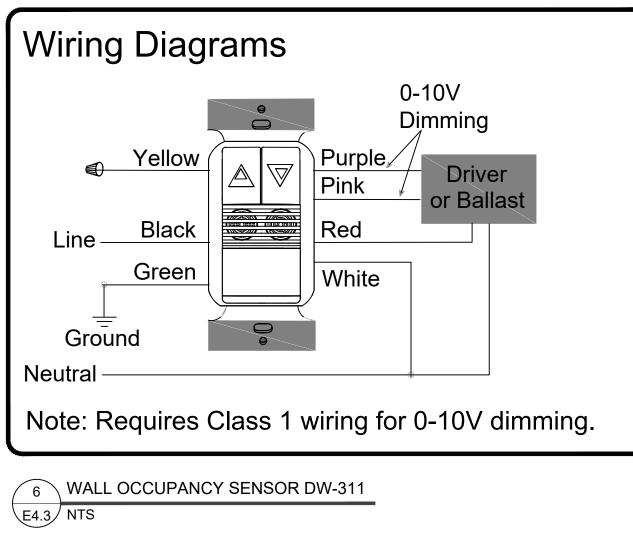
DMPLETE WITH PLUG TYPE DISCONNECT & THERMAL OVERLOAD PROTECTION OCAL LIGHTING CIRCUIT CAL LIGHTING CIRCUIT

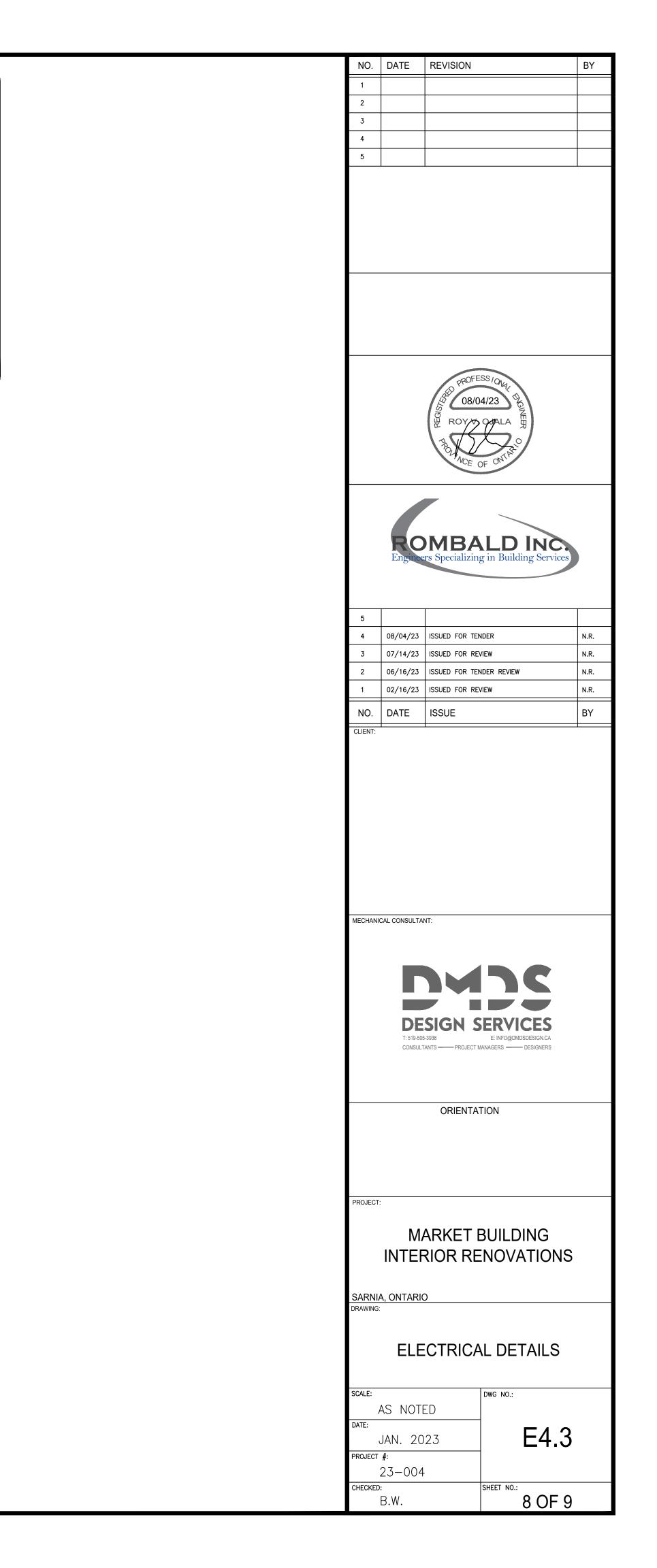






E4.3 NTS





- 3/4" CONDUIT C/W PULL

STRINGS STUBBED UP

BOTTOM LINE OF

OUTLET BOX

HEIGHT AS

INDICATED

INTO CEILING SPACE.

(DIV 16)

T-BAR CEILING

DATA/COMM'S OUTLET

3 GANG COVERPLATE (DIV 16)

C/W 1 BARRIER (DIV 16)

WALL

