



MMELILLO | WED MAR 20/24 02:26 PM | K:\PROJECTS\2016\216051.ROY\WORKING\TOWNS\25' SEMI LINK TOWNS\216051WT2504.DW

	SB-12 ENERGY EFFICIENCY DESIGN MATRIX	
--	---------------------------------------	--

ELEVATION

SPACE HEATING FUEL GAS □ GAS □ ELECTRIC □ ELECTRIC □ PROPANE □ EARTH □ SOLID FUEL 7 PROPOSED 9 10.56 (R60) 5.46 (R31) 5.46 (R31) 5.46 (R31) 5.46 (R31) 5.46 (R31) 7.76 (R10) 7.76 (R10) 7.76 (R10) 7.76 (R10) 7.78 (EF) □ Combo 95% AFUE GLOW C140 75% 0.84 EL. 'B' Combo 95% ON 1 SHOWERS MIN. EL. 'B'	SPACE HEATING FUEL GAS □ GAS □ ELECTRIC □ ELECTRIC □ PROPANE □ EARTH □ SOLID FUEL 7 8 9 10.56 (R60) 5.46 (R31) 5.46 (R3	AREA CALCULATIONS E	DWHR UNIT (%)	DOMESTIC HOT WATER HEATER (EF)	HRV EFFICIENCY (%)	SPACE HEATING EQUIP. (AFUE%)	APPLIANCE EFFICIENCY	SKYLIGHTS (MAX. U-VALUE)	WINDOWS/SLIDING GLAS	WINDOWS & DOORS	CONC. SLAB ≤ 600mm BELOW GRADE	HEATED SLAB ≤ 600mm BELOW GRADE	EDGE OF BELOW GRADE	BELOW GRADE SLAB EN	BASEMENT WALLS	WALLS ABOVE GRADE	EXPOSED FLOOR	CEILING W/O ATTIC SPACE	CEILING W/ ATTIC SPACE	INSULATION RSI (R) VALUE	BUILDING COMPONENT			
SPACE HEATING FUEL ☐ GAS ☐ OIL ☐ ELECTRIC ☐ PROPANE ☐ ELECTRIC ☐ PROPOSED PROPOSED 10.56 (R60) 5.46 (R31) 5.46 (R31) 3.87 (R22)+1.5ci R20 Blanket or R12+R10ci R20 Blanket or R12+R10ci 1.76 (R10) 1.76 (R10) 1.76 (R10) 1.75% 0.84 53.3% ON 1 SHOWERS MIN.	SPACE HEATING FUEL ☐ GAS ☐ OIL ☐ ELECTRIC ☐ PROPANE ☐ ELECTRIC ☐ PROPOSED PROPOSED 10.56 (R60) 5.46 (R31) 5.46 (R31) 3.87 (R22)+1.5ci R20 Blanket or R12+R10ci R20 Blanket or R12+R10ci 1.76 (R10) 1.76 (R10) 1.76 (R10) 1.75% 0.84 53.3% ON 1 SHOWERS MIN.	EL. 'A' EL. 'B'		HEATER (EF)		(AFUE%)		JE)	WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE or MIN. ER)		ELOW GRADE	BELOW GRADE	EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE	TIRE SURFACE > 600mm BELOW GRAI				E	:	JE		NOTE COMPLIANCE		
7084007805	2 - BASEMENI & GHOUND FLOOR PLANS, ELEV. 'A' 3 - SCND FLOOR PLAN, ELEV. 'A' / OPT. SCND FLOOR PLAN ELEV. 'A' (W/C 4 - PARTIAL FLOOR PLANS, ELEV 'B' 5 - FRONT/REAR ELEVATION 'A' / LEFT SIDE ELEV. 'A' 6 - OPT. LEFT / RIGHT SIDE ELEVATION 'A' 7 - FRONT & REAR ELEV. 'B' / LEFT SIDE ELEV. 'B' 8 - OPT. LEFT SIDE ELEV. 'B' / RIGHT SIDE ELEVATION 'B' 9 - CROSS SECTION 'A-A' & WALK-OUT DECK CONDITION 10 - CONSTRUCTION NOTES		53.3% ON 1 SHOWERS MIN.	0.84	75%	Combo 95% AFUE GLOW C140		2.8	1.6		1.76 (R10)	1.76 (R10)	1.76 (R10)	DE -	R20 Blanket or R12+R10ci	3.87 (R22)+1.5ci	5.46 (R31)	5.46 (R31)	10.56 (R60)		PROPOSED	☐ ELECTRIC		



COVERAGE W/ PORCH

COVERAGE W/OUT PORCH

INISHED BASEMENT AREA

TOTAL NET AREA

DEDUCT ALL OPEN AREAS

EL. 'A' EL. 'B'

END END

929 sq. ft. 929 sq. ft.

(86.31 sq. m.) (86.31 sq. m.)

1113 sq. ft. 1113 sq. ft.

(103.40 sq. m.) (103.40 sq. m.)

2042 sq. ft. 2042 sq. ft.

(189.71 sq. m.) (189.71 sq. m.)

S 0 sq. ft. 0 sq. ft.

(0.00 sq. m.) (0.00 sq. m.)

2042 sq. ft. 2042 sq. ft.

(189.71 sq. m.) (189.71 sq. m.)

2042 sq. ft. 2042 sq. ft.

(189.71 sq. m.) (189.71 sq. m.)

100 sq. ft. 0 sq. ft.

(100.75 sq. m.) (100.75 sq. m.)

1129 sq. ft. 1229 sq. ft.

(114.18 sq. m.) (114.18 sq. m.)

GROUND FLOOR AREA





	П
REVISED AS PER ROOF TR	
4. REVISED AS PER ENGINEE	4
REVISED AS PER ARCHITE	ري ر
ISSUED FOR FINAL APPRO	တ
ISSUED FOR PERMIT	

7,17		
2021/09/2	1. REVISED AS PER CLIENT'S COMMENTS	
2022/06/	2. REVISED AS PER FLOOR MANUFACTURE PLANS	
2022/06/	3. REVISED AS PER ROOF TRUSS MANUFACTURE PLANS	
2023/02/	4. REVISED AS PER ENGINEER COMMENTS	
•	5. REVISED AS PER ARCHITECTURAL CONTROL COMMENTS	
2024/03/	6. ISSUED FOR FINAL APPROVAL	_
•	7. ISSUED FOR PERMIT	

BY DSI MM - MM

02/14 06/15 06/13 19/29 3/19

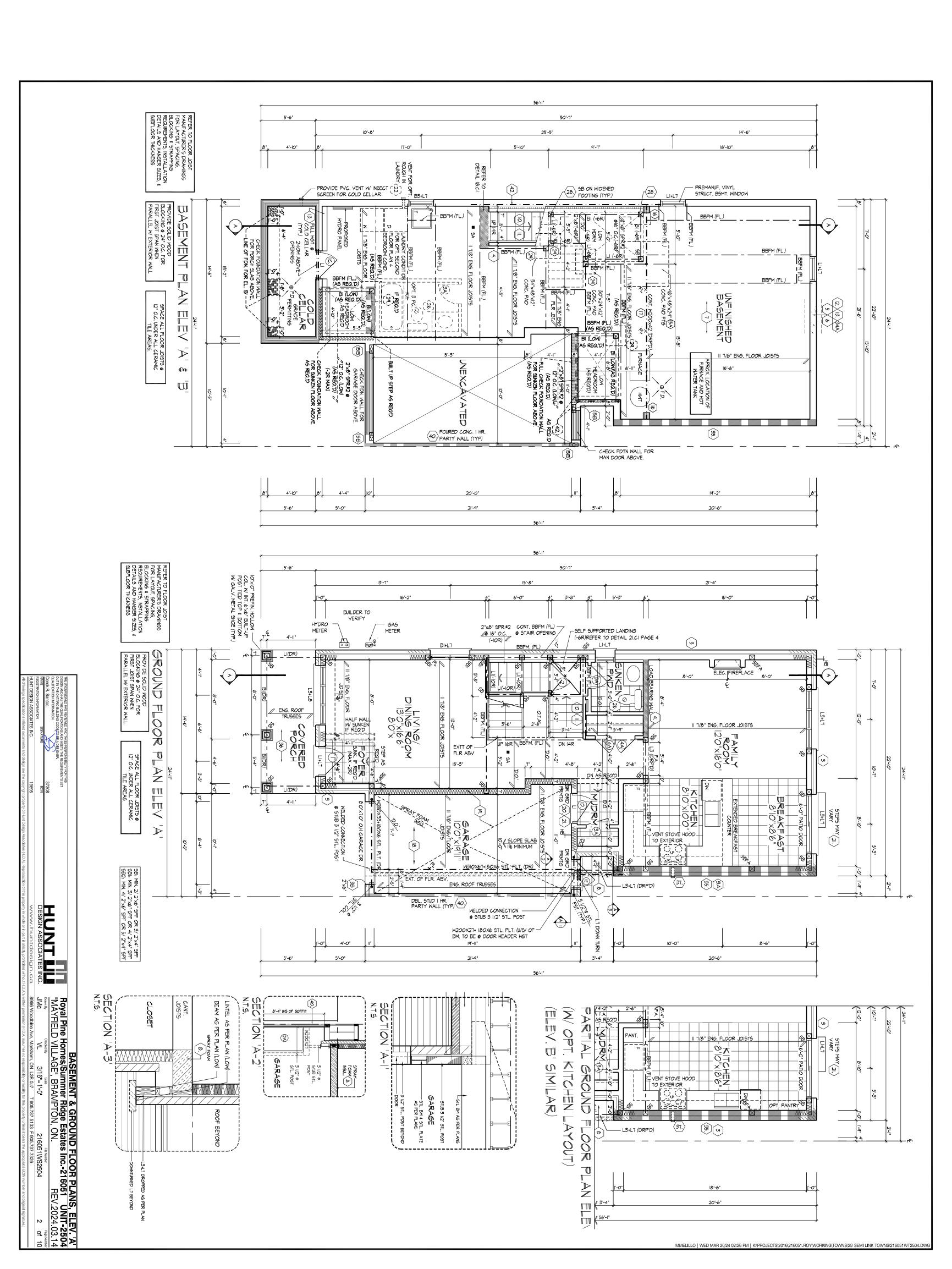
Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-2504

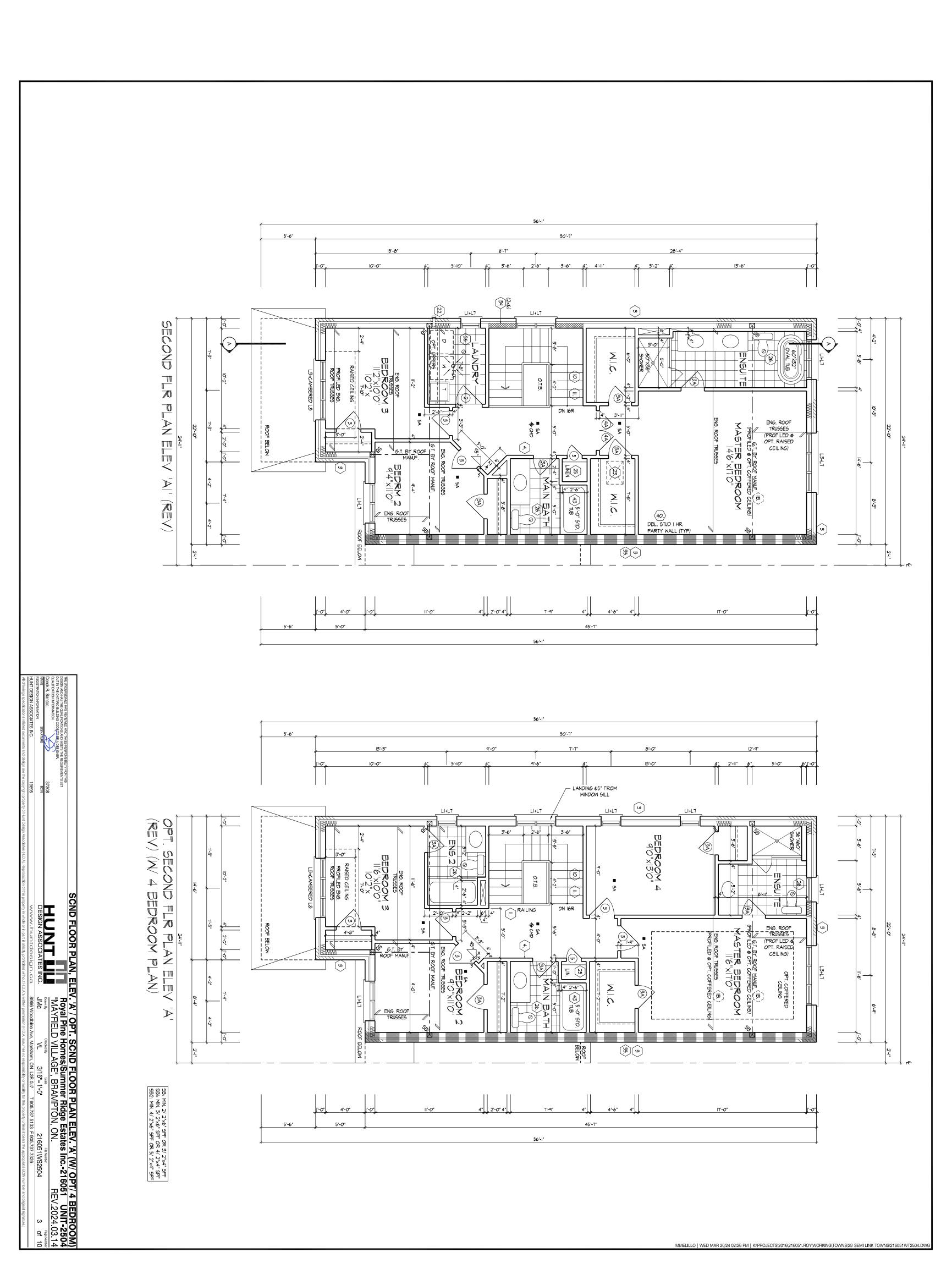
"MAYFIELD VILLAGE", BRAMPTON, ON. REV.2024.03.14

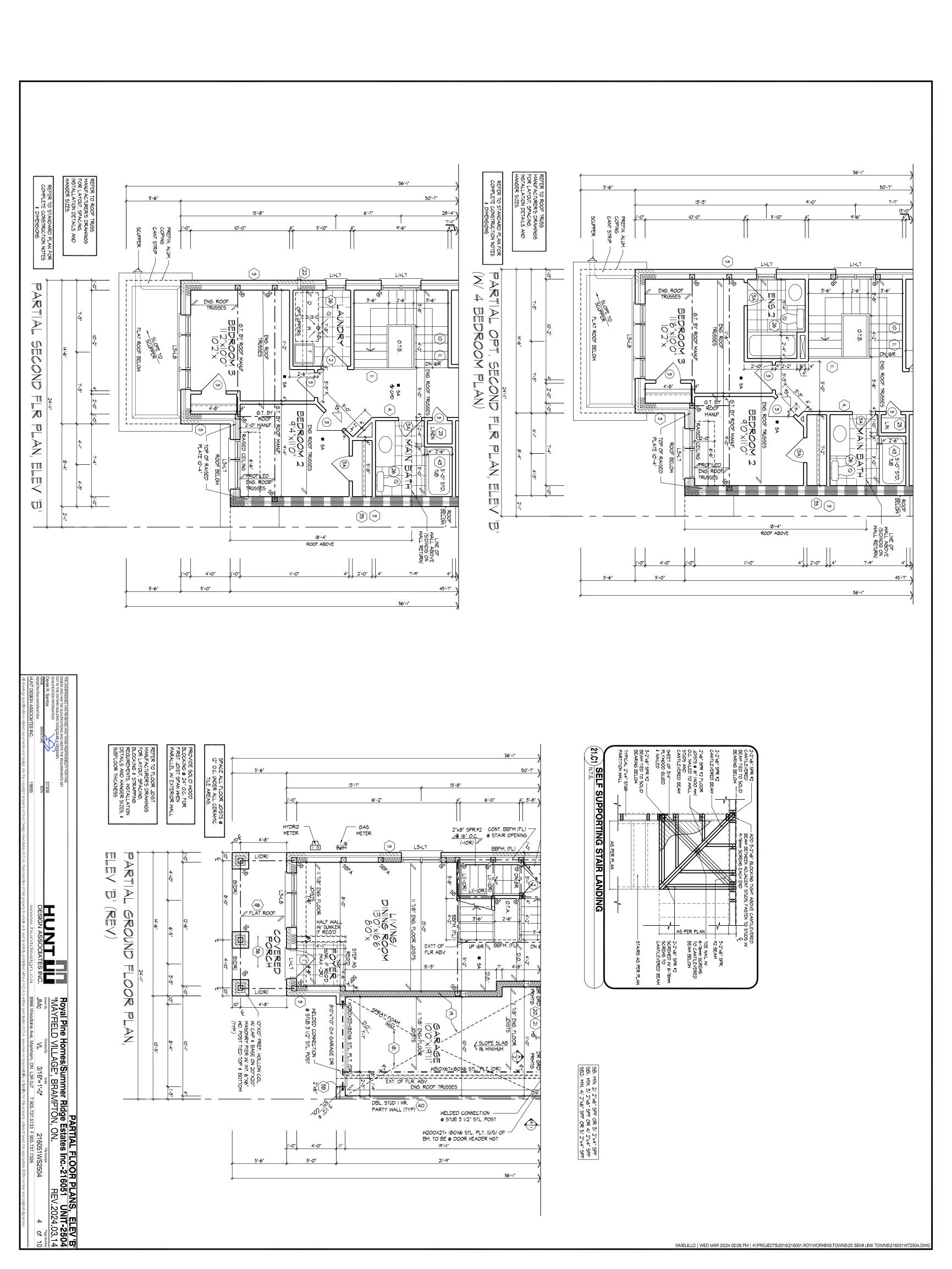
Dawn By Checked By Scale
JMC VL 3/16"=1'-0' 216051WS2504 1 of 10

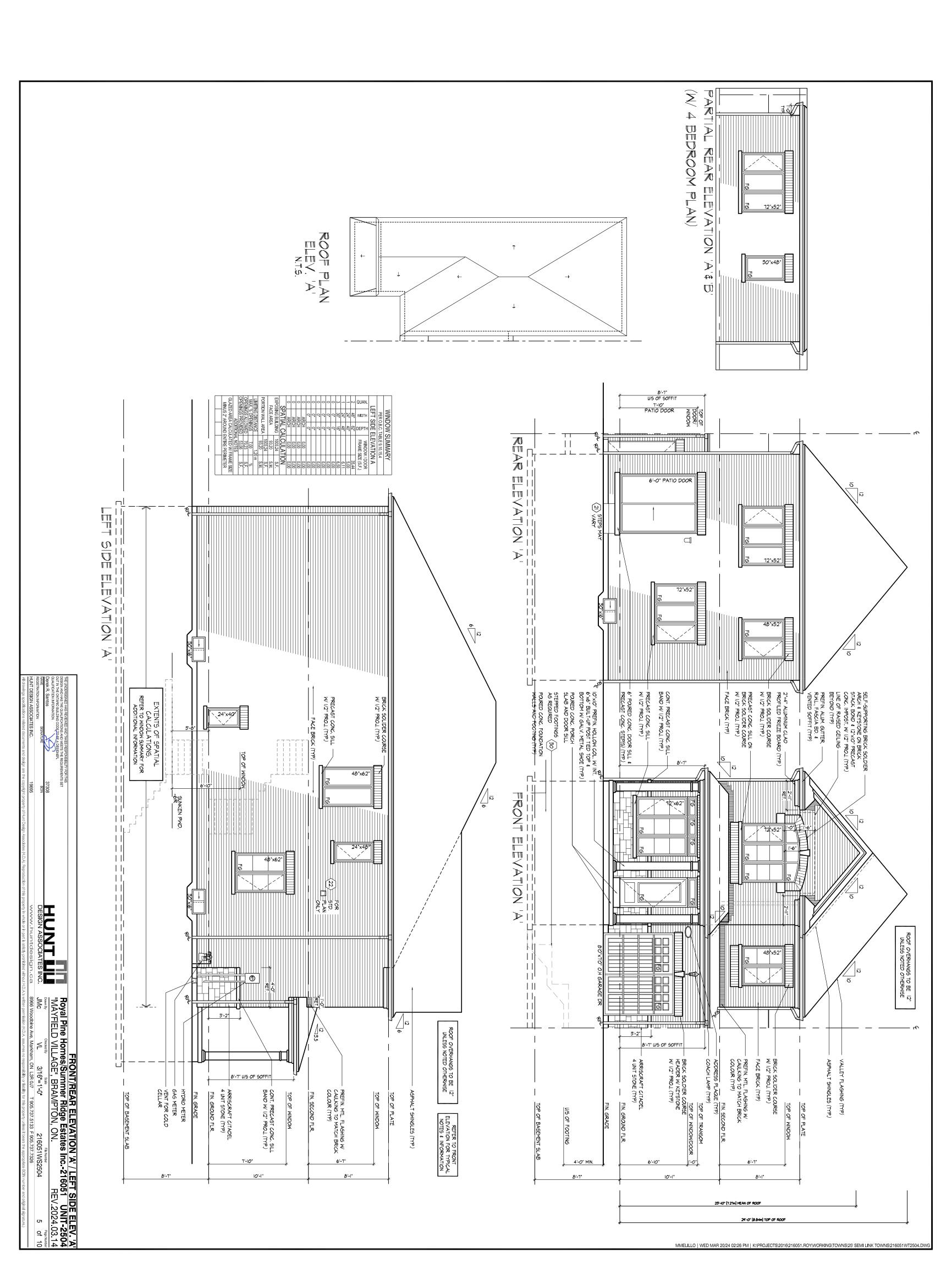
8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326

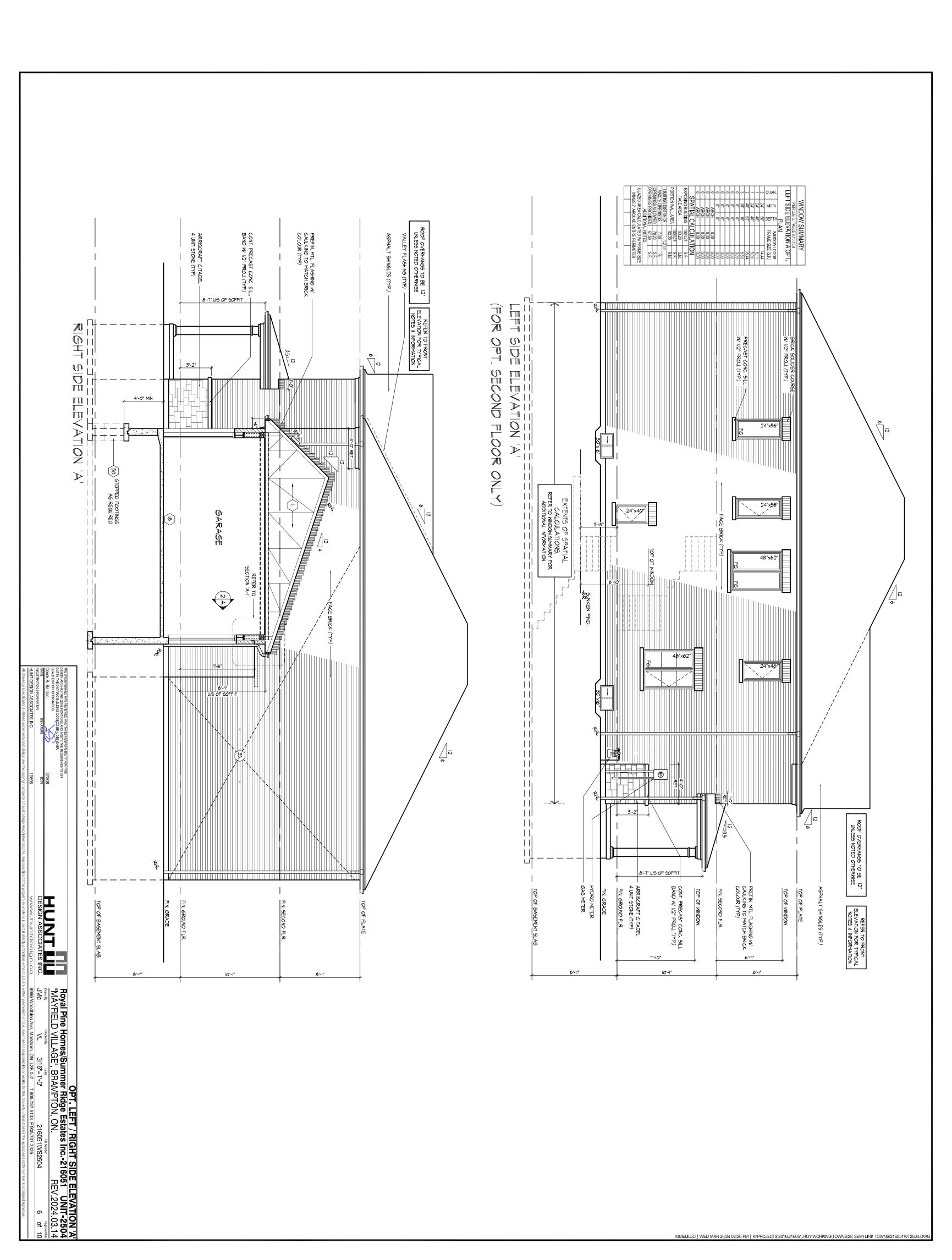
HUNT III.
DESIGN ASSOCIATES INC.

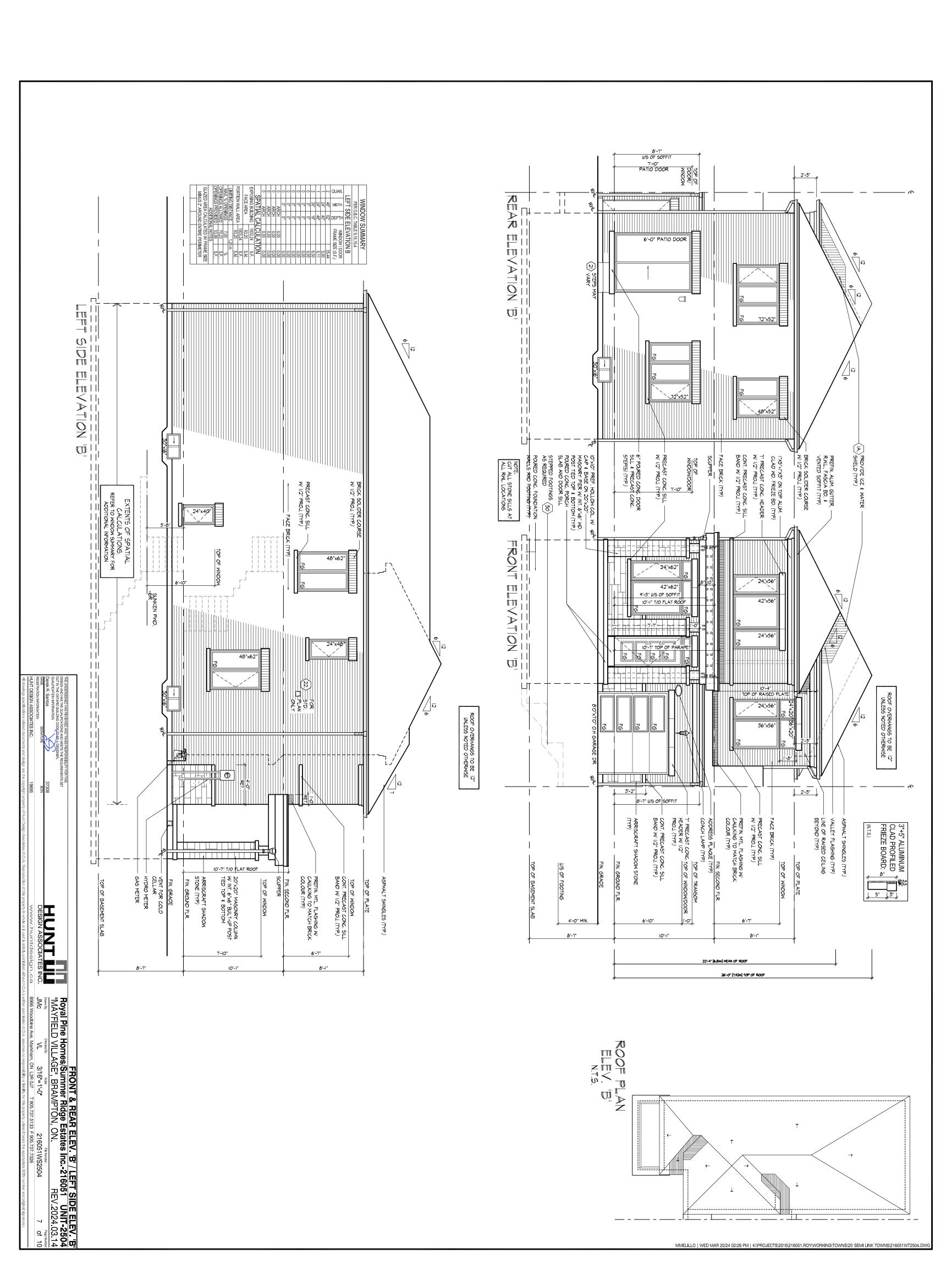


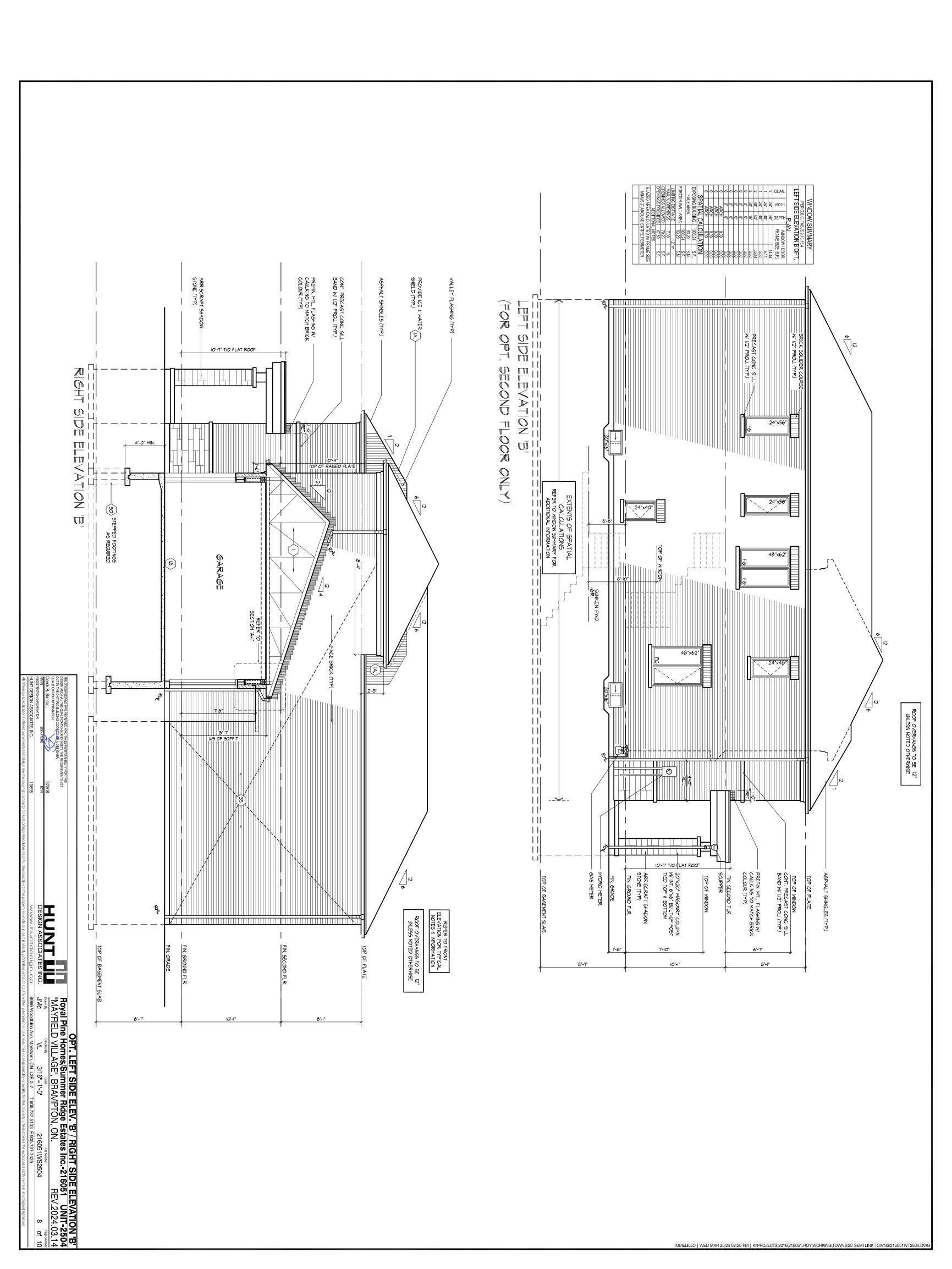


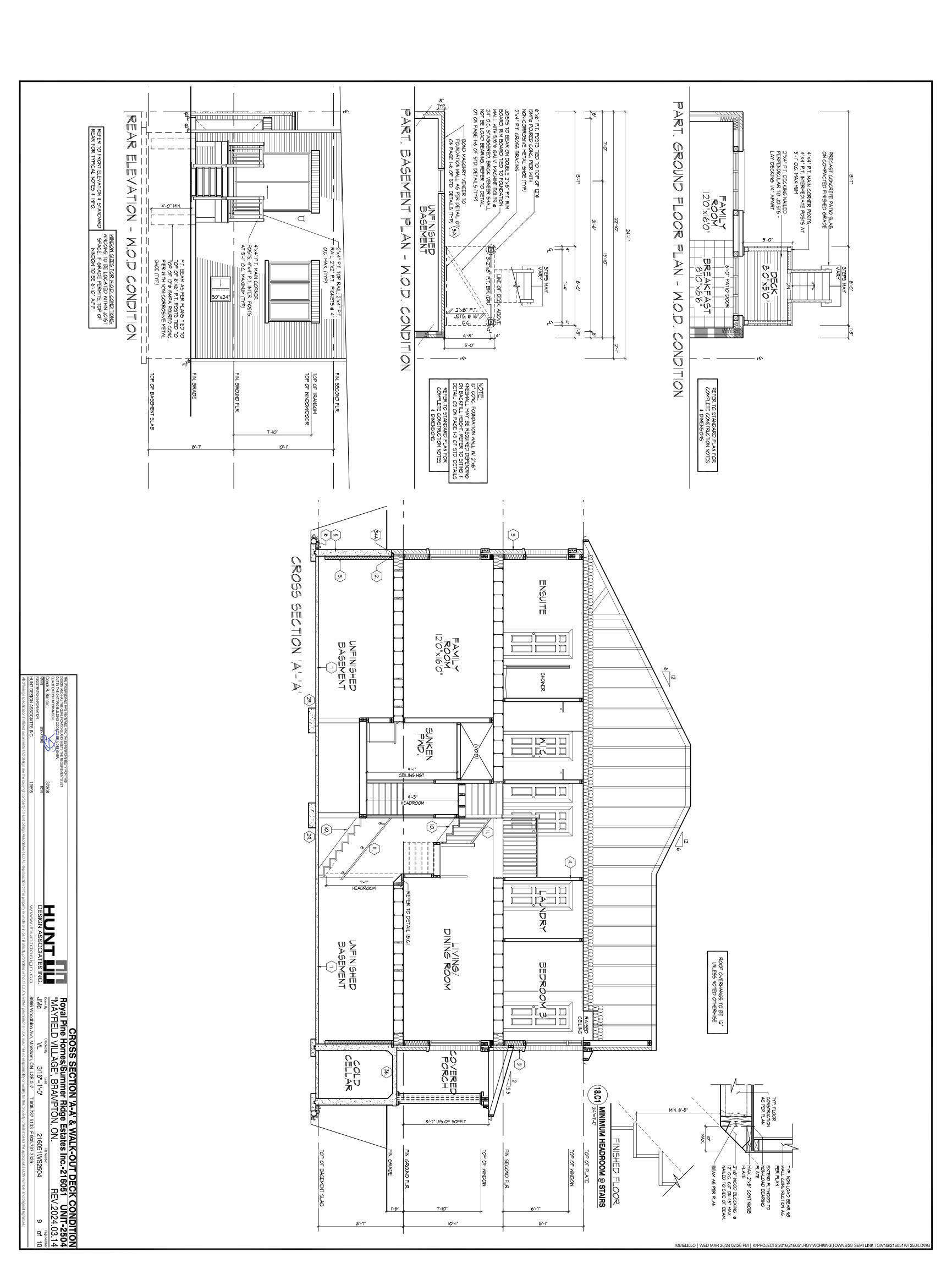












SIDING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 36" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1.1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. (GYPSUM SHEATHING, RIGID INSULATION AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 25 NOTE AS REQ.)

BRICK VENEER "1" (25) AIR SPACE. 7/8"X"7%0.00" (22X1800.76) GALV. METAL TIES (9.16" (400) O.C. HORIZ. 24" (600) O.C. VETI. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9.20.9. ON APPROVED SHEATHING PAPER 38" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD NUTERIOR FINISH, PROVIDE WEEP HOLES (9.28" (800) O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 6" (150) BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO 35 NOTE AS REQUIRED)

BRICK VENEER WALL CONSTRICTION ("CONSTRICTION") BRICK VENEER WALL CONSTRUCTION (2"X-9") W/ CONTIN. INSULATION

3 1/2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"X" X-0.03" (22X180X.78) GALV. METAL

TIES (9) 16" (400) O.C. HORIZ, 24" (600) O.C. VERT. BONDING AND FASTENING FOR

TIES TO CONFORM WITH 9.20.9, ON APPROVED AIRWATER BARRIER AS PER O.B.C.

9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNITAPED) MECHANICALLY

FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 39" (9.5) EXTERIOR TYPE

SHEATHING, STUDS CONFORMING TO D.B.C (9.23.10.1), & SECTION 1.1. INSULATION

AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONTIN. AIR BARRIER,

1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES (9.32" (800)

O.C. BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP MIN. 6"

(150) OVER RIGID INSULATION (9.20.13.6), (REFER TO 35 NOTE AS REQUIRED)

BRICK VENEER WALL (9 GARRAGE CONSTRUCTION

3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8"X" 0.03" (22X18000,76) GALV.

METAL TIES (0 16" (400) O.C. HORIZ, 24" (800) O.C. VERT. BONDING AND FASTENING

FOR TIES TO CONFORM WITH 9.20.9, ON APPROVED SHEATHING PAPER, 38" (9.5)

EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1), &

SECTION 1.1., 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH, PROVIDE WEEP

HOLES (9 32" (800) O.C. AT BOTTOM COURSE AND OVER OPENINGS, PROVIDE WEEP

HOLES (9 16" (400) O.C. AT BOTTOM COURSE AND OVER OPENINGS, PROVIDE WEEP

10 35 NOTE AS REG.)

3 NOTE AS REG.) SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS, FURRING MEMBERS ON BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 3/8" (9.5) EXT. GRADE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1., INSULATION, APPROVED 6 MIL. POLYETHYLENE AIR/VAPOUR BARRIER, ON 172" (12.7) GYPSUM WALLLAOARD INT. FIN. (GYPSUM SHEATHING, RIGID INSULATION, AND HIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 3 NOTE AS REQ.)

SIDING MALERAL AS PER ELEVATION ATTACHED TO FURRING MEMBERS ON APPROVED ADMINISTRATION AND THE ATTACHED TO SURRING MEMBERS ON SIDING WALL CONSTRUCTION (2'x6')
SDING MATERIAL AS PER FI FVATION ATTACHED ICE AND WATER SHIELD
PROVIDE ICE AND WATER SLIFT 5 POUNDATION WALL/FOOTINGS
POURED CONC. FOUNDATION WALL AS EXT. LOFT WALL CONSTRUCTION (2'x6") - NO CLADDING
3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.2
SECTION 1.1., INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER W
APPROVED CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINI PROFILED ROOF TRUSSES

ROOF TRUSSES SHALL BE PROFILED AND/OR STEPPED AT RAISED COFFER/TRAY CEILINGS. ANGLED TRAY CEILINGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD. 4B EXT. LOFT WALL CONSTRUCTION (2"x6")
NO CLADDING W/ CONTINUOUS INSULATION POUNDATION WALL/POOLINGS
POURED CONC. FOUNDATION WALL AS PER CHAFT BELOW ON CONTINUOUS
FRYED CONCRETE FOOTING. FOUNDATION WALLS SHALL EXTEND NOT LESS
THAM 6" (150) ABOVE FINISHED GRADE: THE OUTISDE OF THE FOUNDATION
SHALL BE DAMPROOFED FROM THE TOP TO 2" BELOW GRADE. PROVIDE A DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL SEAL THE DRAINAGE
LAYER ON THE OUTISDE OF THE FOUNDATION WALL PROPORTO
SHALL BE SIZED IN ACCORDANCE WITH 9.15.4 4 (1) (2) OF THE O.B.C. (REFER TO COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF TOOM PROPORTO
TO CHART BELOW FOR RESPECTIVE SIZE, BRACE FOUNDATION WALL PROPORTED
WITH SOIL ENGINEERED FILL WITH MIN. BEARING CAPACITY OF TOOM SHEERED THE WITH MIN. BEARING CAPACITY OF TOOM SHEERED THE WITH MIN. BEARING CAPACITY OF TOOM SHEERED TOOM SHEERED THE WITH MIN. BEARING CAPACITY OF TOOM SHEERED TOOM SHEERED
WITH SOIL ENGINEERED SOLD CONCRETE FOUNDATION WALLS (9.15.4.2.)

WALL STRENGTH AND THICKNESS AND DETAILS FOR FOUNDATION
WALL STRENGTH AND THICKNESS AND SHEER SHEERD
TO CONSTRUCTION DRAWNINGS AND SHEER SHEERD
WITH SOIL ENGINEERED
WITH SOIL ENGINEERED SOLD CONCRETE FOUNDATION WALLS (9.15.4.2.)

WALL STRENGTH AND THICKNESS AND SHEER SHEERD
TO CONTROL TO THE OWN SHEER SHEERD
TO COMPACTED THE OWN SHEERD
TO COMPAC NO. 210 (10.25 KG/M2) ASPHALT SHINGLES, 3/8" (9.5) PLYWOOD SHEATHING WITH """ CLIPS, APPROVED WOOD TRUSSES @ 24" (610) O.C. MAX, APPROVED EAVES PROTECTION TO EXTEND 2-11" (900) FROM EDGE OF ROOF AND MIN. 12" (305) BEYOND INNER FACE OF EXTERIOR WALL "Z"4"(38X89) TRUSS BRACING @ 6-0" (1830) O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH FASCIA, RWL & VENTED SOFFIT, ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH MIN. 25% OR REQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25% OR REQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25% OR PROJURED OF SPACE INVESTROUGH TO BE 4" MIN. WITH RWL DISCHARGING ONTO CONCRETE SPLASH PADS OR PER MUNICIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG FAXESTROLIGH WAND DOWN RWI LHAL AS PER ELEVATION ATTACHED TO FURRING MEMBERS ON ARRWATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER JRERS SPECHICATIONS ON 3/8" (9.5) EXT. GRADE SHEATHING ON FORMING TO C.B.C (9.23.10.1, 8 SECTION 1.1., INSULATION, APPROVED THYLENE AIRWAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD YSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE HE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REC.) OF THE CHANGALLY FASTENED AS PER SIGHD SCHANGALLY FASTENED AS PER S. ON 3/8" (9.5) EXTENIOR TYPE SHEATHING, 23.10.1.) & SECTION 1.1., INSULATION AND 6 SH WITH APPROVED CONT. AIR BARRIER, 1/2" VISH, (9.23.) ORMING TO O.B.C (9.23.10.1.) & E VAPOUR BARRIER WITH WALLBOARD INT. FINISH. (9.23.) BASEMENT INSULATION (ISB-12) 3.1.1.7.)

PROVIDE CONTINUOUS BLANKET INSULATION W/ BUILT IN 6 mil POLYETHYLENE VAPOUR BARRIER. INSULATION TO EXTEND NO MORE THAN 8" (200) ABOVE FINISHED BASEMENT FLOOR, DAMPROOFED WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL. | NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL 31/2" (90)0 x 0.188" (4.78) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x9.5) STEEL TOP PLATE & 6"x4"x3/8" (152x100x9.5) BOTTOM PLATE. BASE PLATE 4-1/2"x10"x12" (120x250x12.7) WITH 2-1/2"0 x 12" LONG x 2" HOOK ANCHORS (2-12.70x305x50). FIELD WELD COLUMN TO BASE PLATE & STEEL BM. (925.2.4)

NSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INTERIOR FINISH OR APPROVED EQ. \$\frac{\sqrt{5B}}{\sqrt{BB}}\$\$
\$\frac{\sqrt{FOUNDATION REDUCTION IN THICKNESS FOR JOISTS}{\sqrt{WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF FLOOP JOISTS, THE REDUCED SECTION SHALL BE NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK (9.15.4.7(1))

\$\frac{\sqrt{6}}{\sqrt{6}}\$\$ \quad \text{WEEPING TILE} \quad (3.14.3.)

\$\frac{\sqrt{6}}{\sqrt{6}}\$\$ \quad \text{WEEPING TILE} \quad (9.14.3.)

\$\frac{\sqrt{8}}{\sqrt{6}}\$\$ \quad \text{WEEPING TILE} \quad \text{ROT ILE ON GRADE} \quad (9.16.4.) (9.13.)

\$\frac{\sqrt{7}}{\sqrt{9}}\$\$ \quad \text{BAS OR SLAB ON GRADE} \quad (9.16.4.) (9.13.)

\$\frac{\sqrt{9}}{\sqrt{9}}\$\$ \quad \quad \text{BOODORS} \quad \qua VOOD STRAPPING AT STEEL BEAMS (9.23.4.3(3), 9.23.9.3.)

173" (19x64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM.

18 GARAGE SLAB (9.16., 9.35.)

4" (100) 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON (15A) NON-ADJUSTABLE STEEL BASEMENT COLUMN 31/2" (90)0 x 0.188" (4.78) NON-ADJUSTABLE STEEL COLLIMN V (2) B PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL OSB CONFIRMING TO 9.29.9. FIN. SOFFIT OR CLADDING AS PER ELEVATION TO U/S OF EXPOSED CANT. JOIST. (5A) STEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.)
BEAM POCKET OR 8"x8" (200x200) POURED CONC. NB WALLS, MIN. (19) GARAGE TO HOUSE WALLS/CEILING (9.10.9.16.)

(19) 1/2" (12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9.10.17.10, CAN/ULC-S705.2) GUARDS/HANDRAILS (9.8.7., 9.8.8.)

GUARDS TO BE DESIGNED NOT TO FACILITATE CLIMBING AND PROVIDING MAX. OPENING CONFORMING TO O.B.C. 9.8.8.5. & 9.8.8.6. AND BE ABLE TO RESIST LOADS AS PER TABLE 9.8.8.2.

GUARD HEIGHTS - O.B.C. 9.8.8.

INTERIOR GUARDS: 2:-11" (900) MIN. (I.ESS THAN 5:-11" (1800) TO GRADE) 3-6" (1070) MIN. (I.ESS THAN 5:-11" (1800) TO GRADE) 3-6" (1070) MIN. (MORE THAN 5:-11" (1800) TO GRADE) GUARDS FOR EXIT STAIRS: 3-6" (1070) MIN. (MORE THAN 5:-11" (1800) TO GRADE) GUARDS FOR EXIT STAIRS: 3-6" (1070) MIN. (MORE THAN 5:-11" (1800) TO GRADE) GUARDS FOR FLOORS & RAMPS IN GARAGES (SERVICE STAIRS) FLOOR OR RAMP W/O EXTERIOR WALLS THAT IS 23.5/8" (600) OR MORE ABOVE ADJACENT SURFACE MITH A DIFFERENCE IN REQUIRED GUARDS FOR THAN 23.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RECVIRED WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 23.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 23.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RELEVATION MORE THAN 25.5/8" (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN RECVIRED TO THE MORE THAN 25.5/8" (600 | 10 | MAX. RISE | MIN. RISE | MAX. RUN | MIN. RUN | MI AVERAGE RUN OF TAPERED TREAD MEASURED AT A POINT 300mm FROM THE CENTERLINE OF INSIDE HANDRAIL. (9.8.4.3.)

*** HEIGHT OVER STAIRS (HEADROOM) IS MEASURED VERTICALLY ACROSS WIDTH OF STAIRS FROM A STRAIGHT LINE TO THE TREAD & LANDING NOSING TO LOWEST POINT ABOVE AND NOT LESS THAN 6-5" (1950) FOR SINGLE DWELLING UNIT & 6"-8" 34" (2050) FOR EVERYTHING ELSE. (9.8.2.2.)

REQUIRED LANDING IN GARAGE - O.B.C. 9.8.6.2.(3.)

FOR AN EXTERIOR STAIR SERVING A GARAGE W/ MORE THAN 3 RISERS. GUARDS, HANDRAILS & STEPS AS PER CONSTRUCTION HEX NOTE 10 & 11. Z'X-4" (38x89) SILL PLATE WITH 1/2" (12.7)Ø ANCHOR BOLTS 8" (200) LONG, EMBEDDED MIN. 4" (100) INTO CONC. @ 7-10" (2388) O.C., CAULKING OR GASKET BETWEEN PLATE AND TOP OF FOUNDATION WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED (9.23.7.) UN 20MPa (2900ps) CONC. WITH DAMPPROOFING BELOW SLAB. PROVIDE 1/2" (12.7) IMPERVIOUS BOARD FOR BOND BREAK AT EDGE. WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTENDING BRADE PROVIDE RIGID INSUL. AROUND THE PERIMIETER EXTENDING WIN. 24" (610) BELOW GRADE. FOR SLAB ON GRADE CONDITIONS RIGID INSULATION SHALL BE APPLIED TO THE UNDERSIDE OF THE ENTIRE SLAB. ((SB-12) 3.1.1.7.(5) & (6)) WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING, THE REDUCED SECTION SHALL BE NOT LESS THAN 3 1/2" (90) THICK, THE BRICK VENEER SHALL BE TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES © 7 7/8" (200) VERTICAL AND 2-1" (889) HORIZONTAL. FILL VOID WITH MORTAR BETWEEN WALL AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3)) (152x152x9.5) STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLUMN CONNECTION. POLITED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa AS PER SOILS REPORT.

JPPORTING 2 STOREY FLR. LOAD PROVIDE 42"x42"x18" (1070x1070x460) CONC. FOOTING PORTING 3 STOREY FLR. LOAD PROVIDE 42"x42"x18" (1070x1070x460) CONC. FOOTING EXPOSED CEILING TO EXTERIOR W/o ATTIC 2'-11" (900) ILAB (9.16. 9.35.)
a (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT.
ISE GRANULAR FILL WITH COMPACTED SUB-BASE OR
NATIVE FILL. SLOPE TO FRONT @ 1% MIN. 280 COLD CELLAR PORCH SLAB (9.39.)

26 COLD CELLAR PORCH SLAB (9.39.)

FOR MAX. 8'-2" (2500) PORCH DEPTH, 5" (127) 32 MPa (4640ps) CONC. SLAB W/5-8% AIR ENTRAMMENT. REINF. WITH 10M BARS @ 7 7/8" (200) O.C. EACH DIRECTION, W/1 1/4" (32) CLEAR COVER FROM BOTTOM OF SLAB TO FIRST LAYER OF BARS & SECOND LAYER OF BARS ALD DIRECTLY ON TOP OF LOWER LAYER IN OPPOSITE DIR. 24'-24" (610x610) 10M DOWELS @ 23 5/8" (600) O.C., ANCHORED IN PERIMETER FND. WALLS. SLOPE SLAB 1.0% FROM DOOR.

27 PANGE HOODS AND PANGE-TOP FANS

COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST CONFORM TO ORC 9 10 27 9 32.3.9, & 9.32.3.10. FIREPLACE VENTING (9.32.3.)

DIRECT VENT GAS FIREPLACE VENT TO BE A MIN. 12" (305) FROM ANY OPENING AND ABOVE FIN. GRADE. REFER TO GAS UTILIZATION CODE.

TO AND THE TRAMING (9.23.3.5., 9.23.9.4., 9.23.14.)

TAG SUBFLOOR ON WOOD FLOOR, JOISTS. FOR CERANIC TILE APPLICATION SEE O.B.C. 9.30.6. ALL JOISTS WHERE REQUIRED TO BE BRIDGED WITH 2"X2" (38x.38) CROSS BRACING OR SOLLD BLOCKING @ 6-11" (2108) O.C. MAX. ALL JOISTS TO BE STRAPPED WITH 1"x3" (19x64) @ 6-11" (2108) O.C. UNLESS A PANEL TYPE CELLING FINISH IS APPLIED. THAN 21 1/2" (545) WITH WIA AREA OF 0.32m2 AND NO DIM. LESS THAN 21 1/2" (545) WITH WEATHER STRIPPING. HATCHWAYS TO THE ATTIC OR ROOF SPACE WILL BE FITTED WITH DOORS OR COVERS AND WILL BE NSULATED WITH MIN. R20 (RSI 3.52) (SB-12] 3.1.1.8.(1))

FIREPLACE CHIMNETYS (9.21.)

TOP OF FIREPLACE CHIMNETY (1.2.1) WOOD FRAMING IN CONTACT TO CONCRETE

WOOD BEARING WALLS, THE UNDERSIDE OF BUILT-UP WOOD POSTS AND SILLS SHALL BE WRAPPED WITH 2 mil POLY. STRIP FOOTINGS SUPPORTING THE FOUNDATION WALL SHALL BE WIDENED 6' (152) BELOW THE BEARING WALL AND/OR WOOD POST. (9.17.4.3.) 27 PARTY WALL BEARING
12"x5/8" (305x305x15 0) CTT 23 ATTIC ACCESS (9.19.2.1.)
ATTIC ACCESS (9.19.2.1.) EXTERIOR AND GARAGE STEPS
PRECAST COMO STEP COMPANY. (38) (31) CONC. PORCH SLAB (9.16.4.)

MIN. 4" (100) CONCRETE SLAB ON GRADE ON 4" (100) COARSE GRANULAR
HILL, REINFORCED WITH 6x6xW2.9xW2.9 MESH PLACED NEAR MID-DEPTH OF
SLAB. CONC. STRENGTH 32MPa (4640ps)) WITH 5-8% AIR ENTRAINMENT ON
COMPACTED SUB-GRADE. 25 LINEN CLOSET
PROVIDE 4 SHELVES MIN. 14" (356) DEEP.

MECHANICAL EXHAUST FAN, VENTED TO MECHANICAL EXHAUST FAN, VENTED TO 22 DRYER EXHAUST
CAPPED DRYER EXHA OR ALL VALUES AS REQUIRED PER 3.1.1., 3.1.2., 3.1.3. OF THE OBC.

(19A) GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION

1/2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED ON CEILING AND ON WALLS INSURANCE ON CEILING AND ON CEILING AND ON WALLS INSURANCE ON CEILING AND WALL ASSEMBLY CONTAINS INSULATION CONFORMING TO CANULC-S702 & HAVING A MASS OF NOT LESS THAN 1.22 KGM/2 OF WALL SUPFACE AND 102" (12.7) TYPE X GYPSUM WALLBOARD INTERIOR FINISH, EXTERIOR CLADDING MUST BE NON-COMBUSTIBLE WHEN LIMITING DISTANCE IS 23.5(8" (0.60m) OR LESS. WALL ASSEMBLY REQUIRES TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 4.5 MINUTES & CONFORMING TO O.B.C. (9.10.14. OR 9.10.15.), REFER TO DETAILS FOR TYPE & SPECS. ** AN OPENING IN AN EXPOSING BUILDING FACE NOT MORE THAN 4.5 MINUTES & CONFORMING TO D.B.C. (9.10.14. OR 9.10.15.) REFER TO DETAILS FOR TYPE & SPECS. ** AN OPENING IN AN EXPOSING BUILDING FACE NOT MORE THAN 1.5 MINUTES & CONFORMING TO DESCRIPTION OF THE PROPROMEDIAL STORY OF THE PROPROPROMEDIAL STORY OF THE PROPROMEDIAL STORY OF THE PROPROMEDIAL STORY OF THE PROPROMEDIAL STORY OF THE PROPROMEDIAL STORY OF THE HEADER CONSTRUCTION
PROVIDE CONTINUOUS APPROVE TURNACE VENTING (9.32.)

DIRECT VENT FURNACE TERMINAL MIN. 3-0" (915) FROM A GAS REGULATOR.

MIN. 12" (305) ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST AND

INTAKE VENTS. HRY INTAKE TO BE A MIN. OF 6-0" (1830) FROM ALL EXHAUST

TERMINALS. REFER TO GAS UTILIZATION CODE. (30) STEP FOOTINGS (9.15.3.9)
MIN. HORIZ. STEP = 23 5/8" (600). MAX. VERT. STEP = 23 5/8" (600). (29) BUILT-UP WOOD POST AND FOOTING (9.17.4.1., 9.15.3.7.)
3-2"x6" (3-38x.40) BUILT-UP WOOD POST (UNLESS OTHERWISE NOTED) ON METAL BASE SHOE ANCHORED TO CONC. WITH 1/2" (12.7) Ø BOLT, 24"x24"x12" (610x610x305) CONC. FOOTING OR AS PROVIDED ON PLAN. REFER TO NOTE 28 (20) GARAGE DOOR TO HOUSE (9.10.9.16., 9.10.13.10., 9.10.13.15.)
GAS-PROOF DOOR AND FRAME. DOOR EQUIPPED WITH SELF CLOSING DEVICE AND WEATHER STRIPPING. 12"x12"x5/8" (305x305x15.9) STEEL PLATE FOR STEEL BEAMS AND 12"x12"x1/2" (305x305x12.7) STEEL PLATE FOR WOOD BEAMS BEARING (MIN. 3-1/2" (89)) ON CONC. BLOCK PARTY WALL, ANCHORED WITH 2-3/4" (2-19) x 8" (200) LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE. LEVEL W. NON-SHRINK GROUT. REFER TO NOTE SOLID BEARING (SECTION 3.0) FOR WD. STUD PARTY WALL. WOOD FEBANING TO SOLITE AND STUD PARTY WALL. EXTERIOR TYPE RIGID INSULATION (JOINIS UNIAPEU) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS ON 39° EXTERIOR GRADE SHEATHING ON STUDS BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS & SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9.10.9.16., 9.10.17.10, CAN/ULC-S705.2) TOP OF FIREPLACE CHIMNEY SHALL BE 2"-11" (889) ABOVE THE HIGHEST POINT AT WHICH IT COMES IN CONTACT WITH THE ROOF AND 2"-0" (610) ABOVE THE ROOF SURFACE WITHIN A HORIZ. DISTANCE OF 10"-0" (3048) FROM THE CHIMNEY IDE CONTINUOUS APPROVED AIR/VAPOUR BARRIER (HEADER WRAP)
IR THE SILL PLATE, AROUND THE RIM BOARD AND UNDER THE
OM PLATE. THE HEADER WRAP SHALL EXTEND 6" (152) BELIOW THE
OF FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE
IDATION WALL EXTEND HEADER WRAP 6" (152) UP THE INTERIOR SIDE
IE STUD WALL AND OVERLAP WITH THE VAPOUR BARRIER AND SEAL
OINT. ALL EDGES/JOINTS MUST BE MECHANICALLY CLAMPED. JUST VENTED TO EXT. CONFORMING TO PART 6, OBC 9.32. VENTED TO EXTERIOR, TO PROVIDE AT LEAST .SEE GENERAL NOTE 2.3.

(9.23.8) cont. SECTION 1.0. CONSTRUCTION NOTES **47** 45 41B (41A) **4 40**A BEL STUD 6 (39) 4 43 **4**6 (<u>\$</u> SLOPED CEILING CONSTRUCTION (ISB-12) 3.1.1.8. S

SLOPED CEILING CONSTRUCTION (ISB-12) 3.1.1.8. S

2'X12" (38x286) ROOF JOISTS @ 16" (406) O.C. MAX. (UNLESS OTI NOTED) W 2'x2" (38x38) PURINS @ 16" (406) O.C. PERPENDICUL JOIST (PURINS NOT REQ. W SPRAY FOAM), W INSULATION BE 6 mil POLYETHYLENE VAPOUR BARRIER, 12" (12.7) GYPSUM WAI FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE S UNFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 / 1 (12.7) GYPSUM WAI FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE S UNFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 / 1 STUCCO WALL @ GARAGE CONST.

1B)

STUCCO WALL @ GARAGE CONST.

STUCCO FINSH CONFORMING TO O.B.C. SECTION 9.28. AND AP MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.F.I.S. (MINI APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GY STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1., 1/2" (WALLBOARD INT. FINISH. (REFER TO 35 NOTES A REQ.)

WALLBOARD INT. FINISH. (REFER TO 35 NOTES A REQ.)

WALLBOARD INT. FINISH. (REFER TO 35 NOTES A REQ.)

WALLBOARD INT. FINISH. (REFER TO 35 NOTES A REQ.)

WALLBOARD INT. FINISH. (REFER TO 35 NOTES A REQ.)

WALLBOARD INT. FINISH. (REFER TO 35 NOTES A REQ.)

WALLBOARD INT. FINISH. (REFER TO 35 NOTE A REAC.)

WALLBOARD INT. FINISH. (REFER TO 35 NOTE AND STRUCTIC PROVIDE APPROVED DRAINAGE MAT ON 1/1" (12.7) DENISICAS GOLD UN APPROVED DRAINAGE MAT ON 1/1" (12.7) DENISICAS GOLD UN APPROVED DRAINAGE MAT ON 1/2" (12.7) DENISICAS GOLD UN APPROVED DRAINAGE MAT ON 1/2" (12.7) DENISICAS GOLD UN APPROVED DRAINAGE MAT ON 1/3" (12.7) OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5"-0" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5" OPENING)

3-20M BARS IN TOP PORTION OF WALL (10-70 TO-5" OPENING) 2 HR. FIREWALL ((SB-3) WALL TYPE '86e' & '81b')

A)

1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"X2" (38x38) \
WOOD STRAPPING @ 24" (610) O.C ON 8" (200) CONC. BLOCK 75

FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABS.

MATERIAL PROCESSED FROM BOCK, SLAG OR GLASS. TAPE, BL

ALL GYPSUM JOINTS, AT UNFINISHED AREAS, EXTERIOR FACE C

BLOCK TO BE SEALED WITH 2 COATS OF PAINT. GYPSUM SHEAT

BE ATTACHED TO CONC. BLOCK, (REFER TO DETAILS) MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MIN APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD 11.1. APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD 11.1. APPROVED 6 MILL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GAPPROVED 6 MILL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GAPROVED 6 MILL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GAPROVED 6 MILL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GARRIER 1/2" (12. BARREL VAULT CONSTRUCTION

CANILLEVERED 25x4" (38x89) SPACERS LAID FLAT ON 25x10" (
ROOF JOIST NAILED TO BUILT-UP 3-3/4" (19) PLYWOOD HEAD BARREL SPRAY FOAM INSULATION BETWEEN JOISTS W/ GYI INTERIOR FIN. (REFER TO DETAILS) STUD WALL REINFORCEMENT
PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOF CONFORMING TO O.B.C. (9.5.2.3.(1)) (REFER TO DETAILS) STUCCO WALL CONSTRUCTION (2'x6') STUDS ARE TO BE CONTINUOUS, C/W 3/8" (9.5) THICK EXTER SHEATHING, PROVIDE SOLID WOOD BLOCKING BETWEEN W @ 4-0" (1220) O.C. VERTICALLY. TWO STOREY VOLUME SPACES BALCONY OVER HEATED SPACE CONDITION
SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE FOR ASSE
PLANS FOR FLOOR JOIST SIZE & REFER TO HEX NOTE 9 FOR)H HORIZ, DISTANCES LESS THAN 9-6' (2896) PROVIDE 2"x6' ((406) O.C. WITH CONTIN 2-2"x6' (2-38x140) TOP PLATE + 1-2" (TOM PLATE & MIN, OF 3-2"x6' (3-38x148) (ONT, HEADER AT O LING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES JUFACTURERS SPECIFICATIONS OVER 1172 (38) ELF. S. (MI ROYED DRAINAGE MAT ON APPROVED AIR/MATER BARRIER 3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPEI IENED AS PER MANUFACTURERS SPECIFICATIONS, ON 7/1 ATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & S ATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & S JUATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRI SUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REO I MEMBRANE (9.26.11, 9.26.15, 9.26.16) FULLY OR GRADE PLYWOOD SHEATHING ON 2"x2" (7) SS SCUPPER (@ 2% MINIMUM LAID PERPENDIS SISTS (@ 16" (406) O.C. (UNLESS OTHERWISE DO) KIN ABOYE FINISHED BALCONY FLOOR: (7) BE PROVIDED ON OUTSIDE FACE OF CURR "4" (610) MIN. AWAY FROM HOUSE. PREFINISHED SOF SOFFIT (9.23.2.3), REMOVE CURB WITCOM

OTES	REFER TO SB-12 ENERGY EFFICIENCY DESIGN MATRIX ON THE TITLE PAGE FOR ALL	SE FOR ALL VALUES AS REQUIRED PER 3.1.1., 3.1.2., 3.1.3. OF THE OBC.
3.11., 9.23.16.)	- REFER TO THIS CHART FOR STUD SIZE & SPACING AS REQUIRED FOR EXTERIOR WALLS ONLY REFER TO STING & READING DIAN OF THIS UNIT FOR CONFIDMATION	CONFORMING TO SECTIONS 9.5.11, 9.6., 9.7.2.1, 9.7.5.2, & 9.10.13.10 1 EXTERIOR 2:8" x 6:8" x 1:3/4" (815 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)
0.5 kPa (q50) G MAX HEIGHT).C. 18'-4" (5588)	OF TOP OF FOUNDATION WALL AND ADDITIONAL INFORMATION. -IF STUD WALL HEIGHT EXCEEDS MAX. UNSUPPORTED HEIGHT, WALL NEEDS TO BE REVIEWED AND APPROVED BY ENGINEER.	
D.C. 18'-4" (5588) D.C. 21'-0" (6400)	SIZE & SPACING OF STUDS: (OBC REFERENCE - TABLE 9.23.10.1.) MIN. SUPPORTED LOADS (EXTERIOR) STUD ROOF w/ OR ROOF w/ OR w/o ROOF w/ OR w/o ROOF w/ OR w/o	1C EXTERIOR 2-6" x 6'-6" x 1-3/4" (760 x 2030 x 45) INSULATED MIN. H4 (HSI 0.7) 1D EXTERIOR 2-6" x 6'-6" x 1-3/4" (815 x 2030 x 45) INS. MIN. R4 (RSI 0.7) (SEE HEX NOTE 20) 1E EXTERIOR 3-0" x 8-0" x 1-3/4" (915 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7)
AL ENGINEER **	MAX. STUD SPACING, in (mm) O.C. MAX. UNSUPPORTED HGT., ft-in (m)	1F EXTERIOR 2-8" x 8-0" x 1-3/4" (815 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7) 2A EXTERIOR 2-8" x 6:-8" x 1-3/4" (815 x 2030 x 45) 20 MIN. F.A.R. DOORFRAME WITH APP. SELF CLOSING DEVICE.
WOOD STUDS (38x140) STUDS @ 2x6" (1-38x140)	2"x4" 24" (610) 16" (405) 12" (305) N/A (38x89) 9-10" (3.0) 9-10" (3.0) 9-10" (3.0) N/A 2"x6" 24" (610) 16" (406) 12" (305) (38x140) 9-10" (3.0) 11' 10" (3.6) 5-11" (1.8)	2 INTERIOR 2-6" x 6-6" x 1-3/8" (815 x 2030 x 35) 3 INTERIOR 2-6" x 6-6" x 1-3/8" (760 x 2030 x 35) NITERIOR 2-4" x 6-6" x 1-3/8" (710 x 2030 x 35) PROVIDE 8-0" HIGH INTERIOR DOORS
S & HEADERS. TYPE 'B6e' & 'B1b')	SECTION 2.0. GENERAL NOTES 2.1. WINDOWS	44 INTERIOR 2:-0" X 6-8" X 1-3/8" (610 X 2030 X 35) 4A INTERIOR 2:-2" X 6-8" X 1-3/8" (660 X 2030 X 35) 5. INTERIOR 1:-6" X 6-8" X 1-3/8" (460 X 2030 X 35)
3x38) VERTICAL WD. L STRAPPING ATERIAL	1) EXCEPT WHERE A DOOR ON THE SAME FLOOR LEVEL AS THE BEDROOM PROVIDES DIRECT ACCESS TO THE EXTERIOR, EVERY FLOOR LEVEL CONTAINING A BEDROOM IS TO HAVE AT LEAST ONE OUTSIDE WINDOW W. MIN. 0.35m2 UNOBSTRUCTED OPEN	3.4. ACROI AROVE ENISHED ELOOR 150
SAND ALL GYPSUM OF PAINT OR PSUM SHEATHING. _TYPE W13c')	PORTION W, NO DIMENSION LESS THAN 1'-3" (380), CAPABLE OF MAINTAINING THE OPENING WITHOUT THE NEED FOR ADDITIONAL SUPPORT, CONFORMING TO 9.9.10. 2) WINDOW GUARDS: A GUARD OR A WINDOW WITH A MAXIMUM RESTRICTED OPENING WIDTH OF 4" (100) IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS	BBFM BEAM BY FLOOR MANUFACTURER LIN LINEN CLOSET BG FIXED GLASS W/ BLACK BACKING LVL LAMINATED VENEER LUMBER
OF 2 ROWS OF	LOCATED LESS THAN 1-7" (489) ABOVE FIN. FLOOR AND THE DISTANCE FROM THE INSHED FLOOR TO THE ADJACENT GRADE IS GREATER THAN 5"-11" (1800) (9.8.8.1) 3) WINDOWS IN EXIT STARRWAYS THAT EXTEND TO LESS THAN 2"-11" (900) (3'-8" (1070)	BBRM BEAM OTB/A OPEN TO BELOW/AE BBRM BEAM BY ROOF MANUFACTURER PL POINT LOAD
E SIDE OF STOD OCESSED FROM A JOINTS.	FOR ALL OTHER BULLINGS! SHALL BE PROTECTED BY GUNADDS IN ACCORDANCE WITH NOTE #2 (ABOVE). OR THE WINDOW SHALL BE NON-OPERABLE AND DESIGNED TO WITHSTAND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN 415.15.0R 98.8.2	CARE CONVENTIONAL ROOF FRAMING PLT PLATE C/W COMPLETE WITH PT PRESSURE TREATED DIT! DOUBLE DOST PROPERTY PROPERTY PROPERTY PARTIES.
3x38) VERTICAL OCK 75% SOLID. - ABSORPTIVE	4) REFER TO TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS 2.2. CEILING HEIGHTS	DO DOOVER PWD
PE, FILL & SAND ACE OF CONC. SHEATHING TO	OOMS AND SPACE TO SPA	ENG ENGINEERED SB SOLID BEARING WOOD POST EST ESTIMATED SBFA SB FROM ABOVE
ID APPLIED PER	CLEAR HEIGHT OF 6-11" AT ANY POIN 7-7" OVER 50% OF REQUIRED FLOOR AREA OVER ALL OF THE REQUIRED FLOOR AF	FA FLAT ARCH SJ SINGLE JOIST FD FLOOR DRAIN SPR SPRUCE
. (MINIMOM) ON .D GYPSUM BOARD 1.1., INSULATION, 12.7) GYPSUM	6-11" OVER AT LEAST 75% OF THE BASEMENT AREA EXCEPT THAT UNDER BEAMS AND DUCTS THE CLEARANCE IS PERMITTED TO BE REDUCED TO 6-5".	FG FIXED GLASS STL STEEL FL FLUSH T/O TOP OF
NTIN. INSUL.	AREA ABOVE GRADE NORMALLY BE STANDING FINISHED ROOM NOT 6-11"	GIRDERINGS UNDERSIDE
S. (MINIMUM) ON RRIER AS PER O.B.C. TAPED) MECHANICALLY	STORAGE GARAGE 6-11" ABOVE & BELOW FLOOR ASSEMBLY (9.5.3.2.) STORAGE GARAGE 6-7" (9.5.3.3.)	HRV HEAT RETURN VENTILATION UNIT WIC WALK IN CLOSET HWT HOT WATER TANK WP WEATHER PROOF
) & SECTION 1.1., ARRIER, 1/2" (12.7) REOUIRED)	1) MECHANICAL / FLOMBING 1) MECHANICAL VENTILATION IS ROBUIRED TO PROVIDE 0.7 AIR CHANGE PER HOUR IF NOT AIR CONDITIONED 1 PER HOUR IF AIR CONDITIONED AVERAGED OVER 24 IF NOT AIR CONDITIONED 1 PER HOUR IF AIR CONDITIONED AVERAGED OVER 24 IF NOT AIR CONDITIONED 1 PER HOUR IS AIR CONDITIONED AVERAGED OVER 24 IF NOT AIR CONDITIONED 1 PER HOUR IS AIR CONDITIONED AVERAGED OVER 24	3.5. SYMBOLS ALL ELECTRICAL FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 9.34.
ND APPLIED PER	TO OBC, SUI LIN A VENTILATION FAW (CHINAFER LAW MAGS) IS THE CONTINUED TO OBC, SUI	CLASS 'B' VENT DUPLEX OUTLET (12" HIGH) DUPLEX OUTLET (12" HIGH) DUPLEX OUTLET (HIGH) DUPLEX OUTLET (HIGH)
LD GYPSUM BRD. ON , 1/2" (12.7) GYPSUM	3) REFER TO TITLE PAGE FOR SPACE HEATING EQUIPMENT, HRV AND DOMESTIC HOT WATER HEATER MINIMUM EFFICIENCIES.	HEAVY DUTY OUTLET \$\frac{43}{23}(4)
RUCTION, OR TYPE SHEATHING B) E.F.I.S (MINIMUM)	PLANT MAKER SHALL BE SPRICE No. 2 GRADE DR RETTER LINLESS NOTED OTHERWISE 1) ALL LI MRER SHALL BE SPRICE No. 2 GRADE DR RETTER LINLESS NOTED OTHERWISE	POT LIGHT
	2) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE. 3) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No. 2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE.	CABLE T.V. JACK
NING)	4) ALL LAMINATED VENEER LUMBER (LVL) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED BY FLOOR AND ROOF TRUSS MANUFACTURER.	NTRAL VACUUM OUTLET SMOKE ALARM (9.10
FACE OF THE	5) JOIST HANGERS: PROVIDE APPROVED METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS. 6) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATIVE, IN CONTACT WITH	PROVIDE ONE PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL. ALARMS ARE TO BE INSTALLED IN EACH SLEEPING ROOM AND IN A LOCATION BETWEEN SLEEPING ROOMS AND CONNECTING HALLWAYS, AND WIRD TO BE INTERCONNECTED TO AN ACTIVATE ALL ALARMS IF ONE SOLINDS ALARMS ARE TO BE CONNECTED TO AN
WINDOW OPENING.	FILM, NO.50 (45bs) ROLL ROOFING OR OTHER DANPPROPING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE GROUND. 2.5. STEEL (9.23.4.3.)	ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET TEMPORAL SOUND PATTERNS MIN. ALARMS SHALL HAVE A VISUAL SIGNALING COMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72".
OM	1) SI RICCIUHAL SIELL SHALL CONFORM TO CANCSA-G40-21 GRADE 350W. HOLLOW STRUCT. SECTIONS SHALL CONFORM TO CANCSA-G40-21 GRADE 350W CLASS "H". 2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.	**CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM BY-LAWS FOR REQUIREMENTS *
RANCE OF NOT	1) FOR 8-0" (2440) CEILINGS, FLAT ARCHES SHALL BE 6-10" (2080) A.F.F. 2) FOR 9-0" (2740) CEILINGS, FLAT ARCHES SHALL BE 7-10" (2400) A.F.F. 3) FOR 10-0" (3040) CEILINGS, FLAT ARCHES SHALL BE 8-6" (2600) A.F.F.	SHALL BE PERMANENTLY WIRED WITH NO DISCONDECT SWITCH, WITH ANA ALARM THAT IS AUDIBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED.
C LEVEL ON COWA FILTER 1.(5), 9.14.6.3.) 1.8., 9.23.4.2.)	2.7. ROOF OVERHANGS 1) ALL ROOF OVERHANGS SHALL BE 1-0" (305), UNLESS NOTED OTHERWISE. 2.8. FLASHING %20.13, 9.26.4, 8.9.27.3.) 1) ELASHING MATERIA S. INSTALLATION SHALL CONFORM TO O B C	LA SO SOCIAL BEARING (BUIL FOF WOOD CULUMINS AND STOL FOSTS) THE WIDTH OF A WOOD COLUMN SHALL NOT BE LESS THAN THE WIDTH OF SUPPORTED MEMBER, BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH NOT LESS MEMBER, BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH NOT LESS THAN 3" FOR NAILS SPACED NOT MORE THAN 11 3/4" (300) O.C. THE NUMBER OF STUDS NAWY 1 FOR TOTAL FOR TOWN A CRIPTED TURES OF DOOR FOR MEMBER OF STUDS NAWY 1 FOR TOTAL FOR TOWN A CRIPTED TURES OF DOOR FOR MEMBER OF STUDS NAWY 1 FOR TOTAL FOR TOWN AS PROFERED THE STORM TOWN OF THE STUDY OF O
SS OTHERWISE DICULAR TO ROOF NN BETWEEN JOIST, M WALLBOARD INT.	2.9. GRADING 1) THE BUILDING SHALL BE LOCATED OR THE BUILDING SITE GRADED SO THE WATER WILL NOT ACCUMULATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY	TABLES A-34 TO A-37. (9.17.4., 9.23.10.7.) TABLES A-34 TO A-37. (9.17.4., 9.23.10.7.) TABLES A-34 TO A-37. (9.17.4., 9.23.10.7.)
BOVE THE INNER R20 (3.52 RSI).	AFFECT ADJACENT PROPERTIES. CONFORM TO 9.14.6. 2.10. ULC SPECIFIED ASSEMBLIES ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY 'ULC LISTED	WARYING PLATES, BUILT-OUT FLOORS
JLLY ADHERED TO 5/8" x2" (38x38) PURLINS NDICULAR TO 2"x8"	ASSEMBLY, SPECIFIED WITHIN THESE DRAWINGS, CANNOT BE ALTERED OR SUBSTITUTED FOR ANY OTHER MATERIAL/PRODUCT OR SPECIFIED MANUFACTURER THAT IS IDENTIFIED IN THAT SPECIFIED ULC USE SHALL BE NO DEVARIONS UNDER ANY OTHER SHALL BE NO DEVARIONS UNDER ANY OF THE SHALL BE NOT DEVARIOR SHALL BE NOT DEVARIORS.	EXPOSED BUILDING FACE .O.B.C. 9.10.14. OR REFER TO HEX NOTE 35. & DETAILS FOR TYPE
VISE NOTED). BUILT UP OR. CONTINUOUS L' OURB. SCUPPER DRAIN NISHED ALUMINUM OR	CHOUNS JANCES IN ANY OLD US JED ASSEMBLY IDENTIFIED IN THESE DRAWINGS.	
DE 2"x4" (38x89) PT. S ON 2"x4" (38x89)	3.1. WOOD LINTELS AND BUILT-UP WOOD (DIVISION B PART 9. TABLES AS TO A10 AND A12, A15 & A16) FORMING PART 05 SENIENCE 9.23.4.2 (3) 9.23.1.2 3.11 (3) 9.23.13.8 (7) 9.37.3.1 (1)	DESIGN SNOW LOAD (9.4.2.2.): 1.12 kPa WIND PRESSURE (950) (SR-1.2.): 0.44 kPa
SEMBLY BEEEB TO	2"x10" SPRUCE #2 2"x12" S	··-·).
SEMBLY. REFER TO DR INSULATION AND	L1 2/2%8" (2/38x184) L3 2/2%10" (2/38x235) L5 2/2%12" (2/38x286)	
ADER PROFILED FOR YPSUM BOARD.	ENGINEERED LUMBER SCHEDULE 1 3/4" v 0 4/6" V 1 3/4" v 14 7/8" V 1 3/4" v 14" V 1 3/4" v 14" v 14" V 1 3/4" v 14" v 14	
	13/4 x 9 1/2 1/2	
	LVL5 3-1 3/4%/9 1/2" LVL7 3-1 3/4%/1 7/8" LVL12 3-1 3/4%/14" LVL8 4-1 3/4%/9 1/2" LVL9 4-1 3/4%/1 7/8" LVL13 4-1 3/4%/4"	
	3.2. STEEL LINTELS SUPPORTING MASONRY VENEER (DIVISION B PART 9. TABLE 9.20.5.2.B.) FORMING PART OF SENTENCE 9.20.5.2.(2)	
	CODE SIZE BRICK STONE L7 3 1/2" x 3 1/2" x 1/4" (89 x 89 x 6.4) 8-1" (2.47m) 7-6" (2.30m)	
	L8 4" x 3 1/2" x 1/4" (102 x 89 x 6.4) 8-9" (2.66m) 8-1" (2.48m) L9 5" x 3 1/2" x 5/16" (127 x 89 x 7.9) 10-10" (3.31m) 10-1" (3.03m)	CONINACIOR MUSI (MEHEY ALL DIMENSIONS ON IHE JOB, REPORT ADVINISCREPANDIES IO HUNI DESIGNA ASSOCIATES INC. (H. D.A.I.) BEFORE PROCEEDING WITH THE WORK, ALL THE DRAWINGS & SPECIFICATIONS ARE THE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF H.D.A.I. SPECIFICATIONS AND TO ADHERE TO THESE PLANS AND SPECIFICATIONS AND TO CONFORM TO THE DATE OF ADMINISCREPANDING OF THE MEMORY OF THE DATE OF THE MEMORY OF THE
	L10 5"×31/2"×7/16" (127×89×11) 11'-5" (3.48m) 10'-7" (3.24m) L11 6"×31/2"×7/16" (152×89×11) 12'-6" (3.82m) 11'-7" (3.54m)	ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAWING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKENA'S MINIMUM SPECIFICATIONS. ONT. REG. 332/12. CONSTRUCTION NOTE REVISION DATE: JUNE 09, 2022

MMELILLO | WED MAR 20/24 02:26 PM | K:\PROJECTS\2016\216051.ROY\WORKING\TOWNS\25' SEMI LINK TOWNS\216051WT2504.DW



DESIGN ASSOCIATES INC.

Royal Pine Homes/Summer Ridge Estates Inc.-216051 UNIT-2504
"MAYFIELD VILLAGE", BRAMPTON, ON. REV.2024.03.14

Dam By Checked By Scale
JMC VL 3/16"=1'-0' 216051WS2504

8966 Woodbine Ave, Markham, ON L3R 0.17 3/16"=1'-0"
rkham, ON L3R 0J7 T

216051WS2504 T 905.737.5133 F 905.737.7326 (br this program: