

MMELILLO | WED MAR 20/24 02:25 PM | K:\PROJECTS\2016\216051.ROY\WORKING\TOWNS\25' SEMI LINK TOWNS\216051WT2505.DW



ENERGY EFFICIENCY DESIGN MATRIX I

| SB-12 ENERGY EFFICIENCY DESIGN MATRIX | SIGN MATRIX |
|--|---|
| | CE HEA |
| PERFORMANCE COMPLIANCE | ■ GAS □ OIL □ ELECTRIC □ PROPANE □ EARTH □ SOLID FUEL |
| BUILDING COMPONENT | PROPOSED |
| INSULATION RSI (R) VALUE | |
| CEILING W/ ATTIC SPACE | 10.56 (R60) |
| CEILING W/O ATTIC SPACE | 5.46 (R31) |
| EXPOSED FLOOR | 5.46 (R31) |
| WALLS ABOVE GRADE | 3.87 (R22)+1.5ci |
| BASEMENT WALLS | R20 Blanket or R12+R10ci |
| BELOW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE | - |
| EDGE OF BELOW GRADE SLAB \leq 600mm BELOW GRADE | 1.76 (R10) |
| HEATED SLAB \leq 600mm BELOW GRADE | 1.76 (R10) |
| CONC, SLAB ≤ 600mm BELOW GRADE | 1.76 (R10) |
| WINDOWS & DOORS | |
| WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE or MIN. ER) | 1.6 |
| SKYLIGHTS (MAX. U-VALUE) | 2.8 |
| APPLIANCE EFFICIENCY | |
| SPACE HEATING EQUIP. (AFUE%) | Combo 95% AFUE GLOW C140 |
| HRV EFFICIENCY (%) | 75% |

DOMESTIC HOT WATER HEATER (EF)

DWHR UNIT (%)

AREA CALCULATIONS EL. 'A' EL

尸 $\bar{\omega}$

GROUND FLOOR AREA



COVERAGE W/ PORCH

COVERAGE W/OUT PORCH

TOTAL NET AREA

CORNER CORNER
1090 sq. ft. 1090 sq. ft.
(101.26 sq. m.) (101.26 sq. m.)
1294 sq. ft. 1294 sq. ft.
(120.22 sq. m.) (120.22 sq. m.)
2384 sq. ft. 2384 sq. ft.
(221.48 sq. m.) (221.48 sq. m.)
(3 0 sq. ft. 0 sq. ft.
(0.00 sq. m.) (0.00 sq. m.)
2384 sq. ft. 2384 sq. ft.
(221.48 sq. m.) (221.48 sq. m.)
1309 sq. ft. 0 sq. ft.
(0.00 sq. m.) (221.48 sq. m.)
1309 sq. ft. 1309 sq. ft.
(121.61 sq. m.) (121.61 sq. m.)
1348 sq. ft. 1352 sq. ft.
(125.23 sq. m.) (125.60 sq. m.)

INISHED BASEMENT AREA









| MAYFIELD | |
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|--|---|----------------------------------|---|---------------------------|-------------------|
| REVISED AS PER FLOOR MANUFACTURE PLANS | REVISED AS PER ROOF TRUSS MANUFACTURE PLANS | REVISED AS PER ENGINEER COMMENTS | REVISED AS PER ARCHITECTURAL CONTROL COMMENTS | ISSUED FOR FINAL APPROVAL | ISSUED FOR PERMIT |
| 2022 | 2022 | 2023 | | 2024 | |

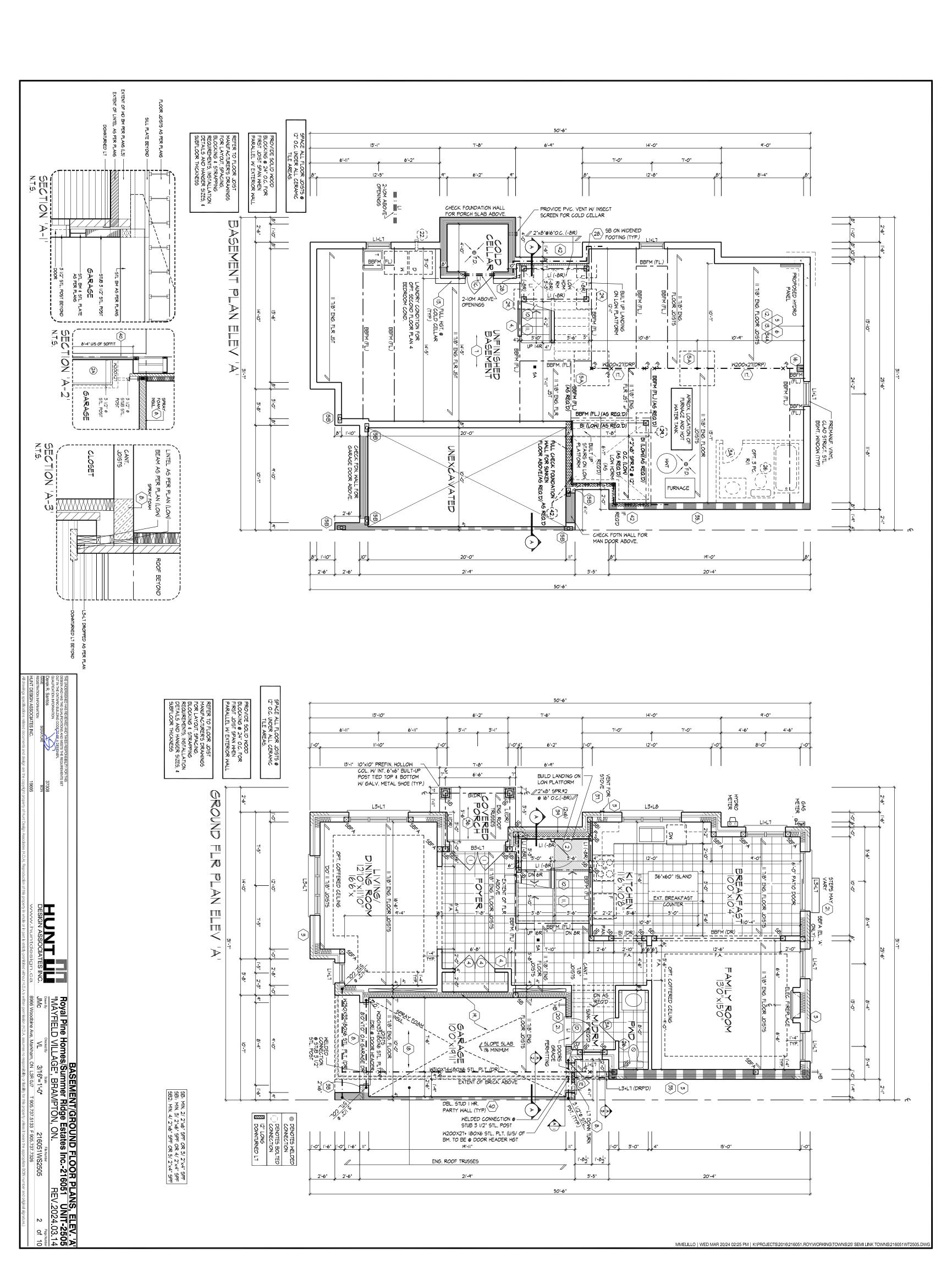
REVISED AS PER CLIENT'S COMMENTS
REVISIONS
REVISIONS 2023/01/06 2022/06/14 2022/06/13 2021/09/29 DATE (YYYY/MM/DD) 24/03/19 - MM MM MM BY

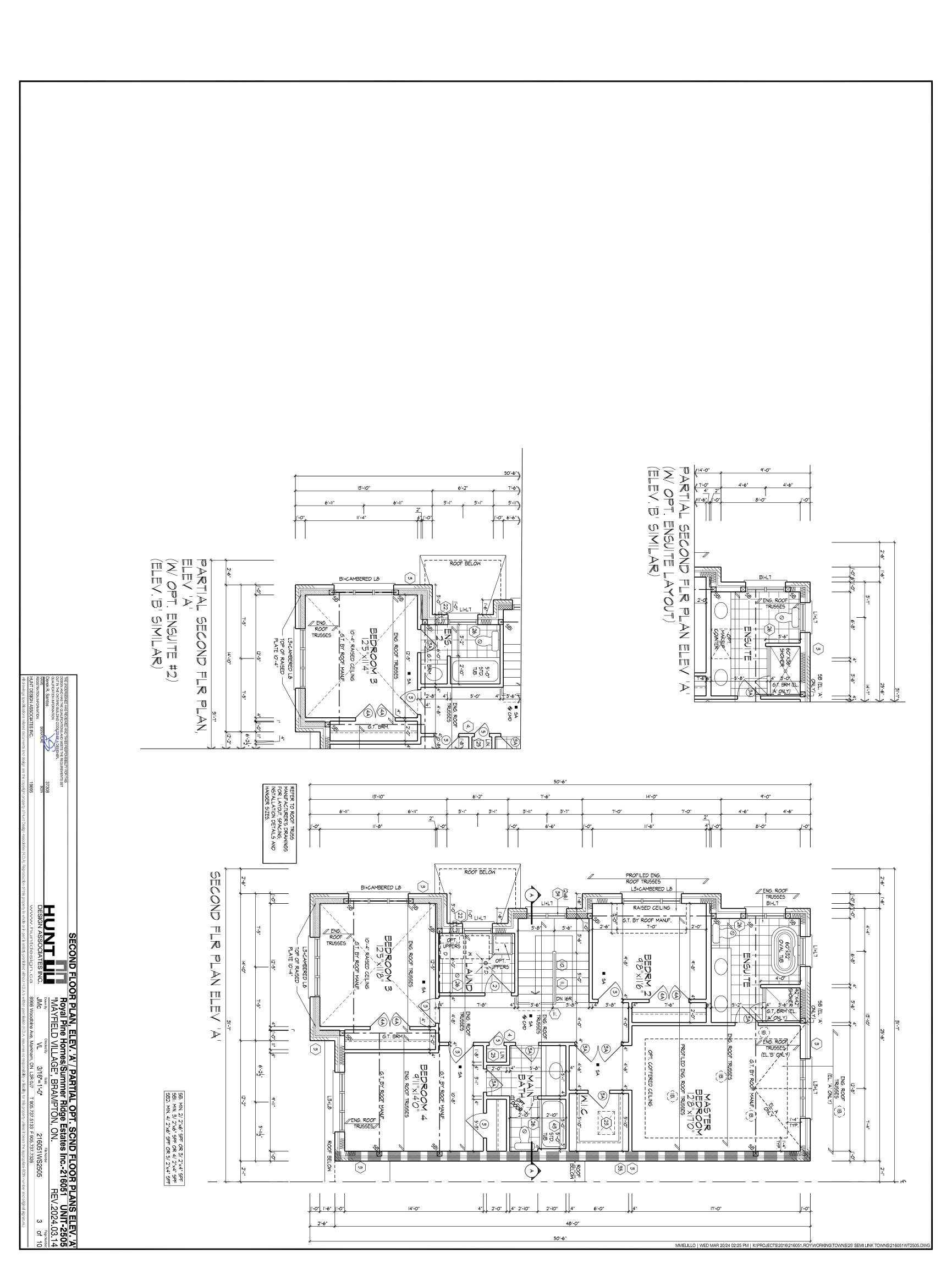
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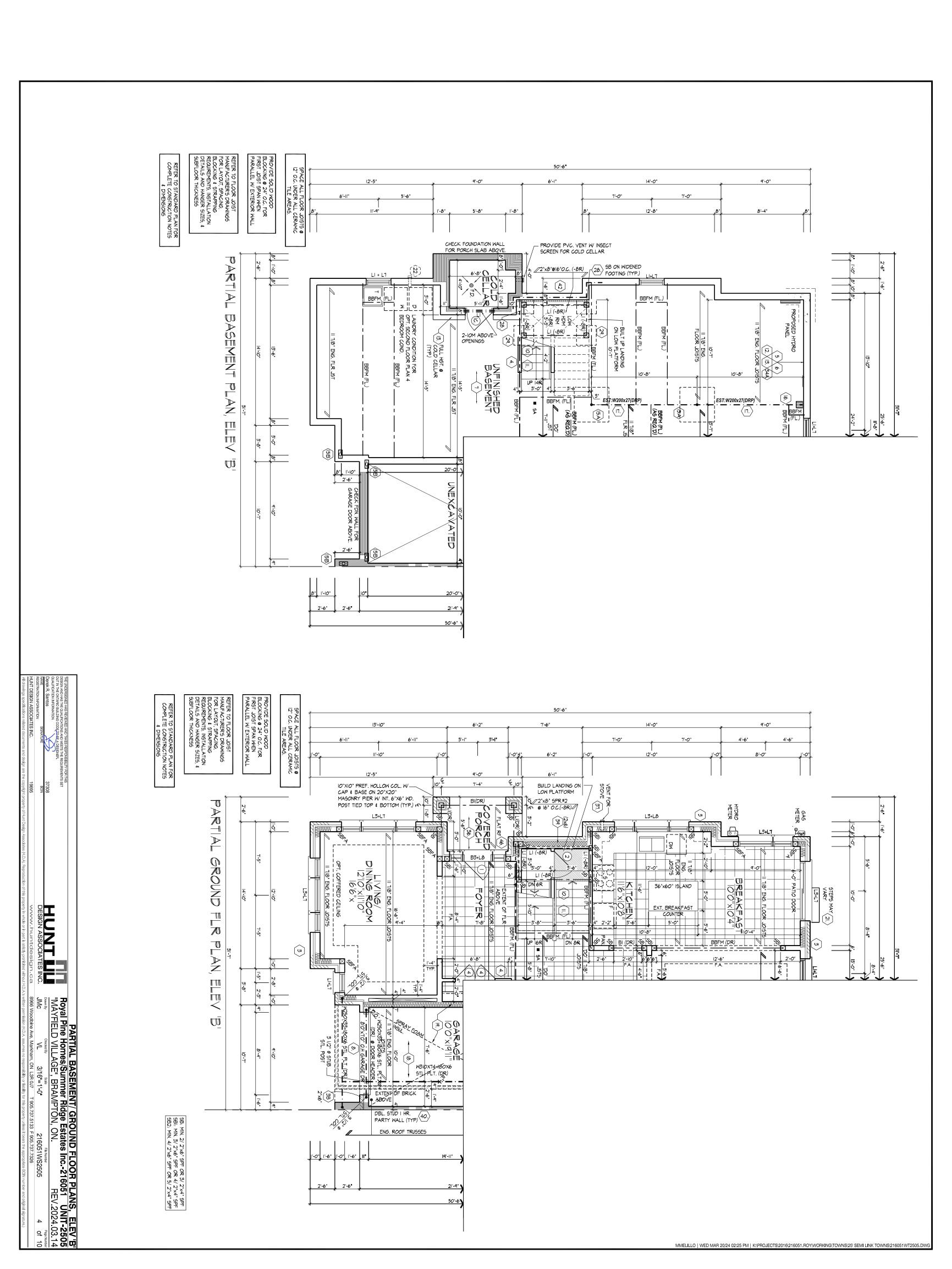
Dawn By Sale VL 3/16"=1'-0' 216051WS2505 1 of 10

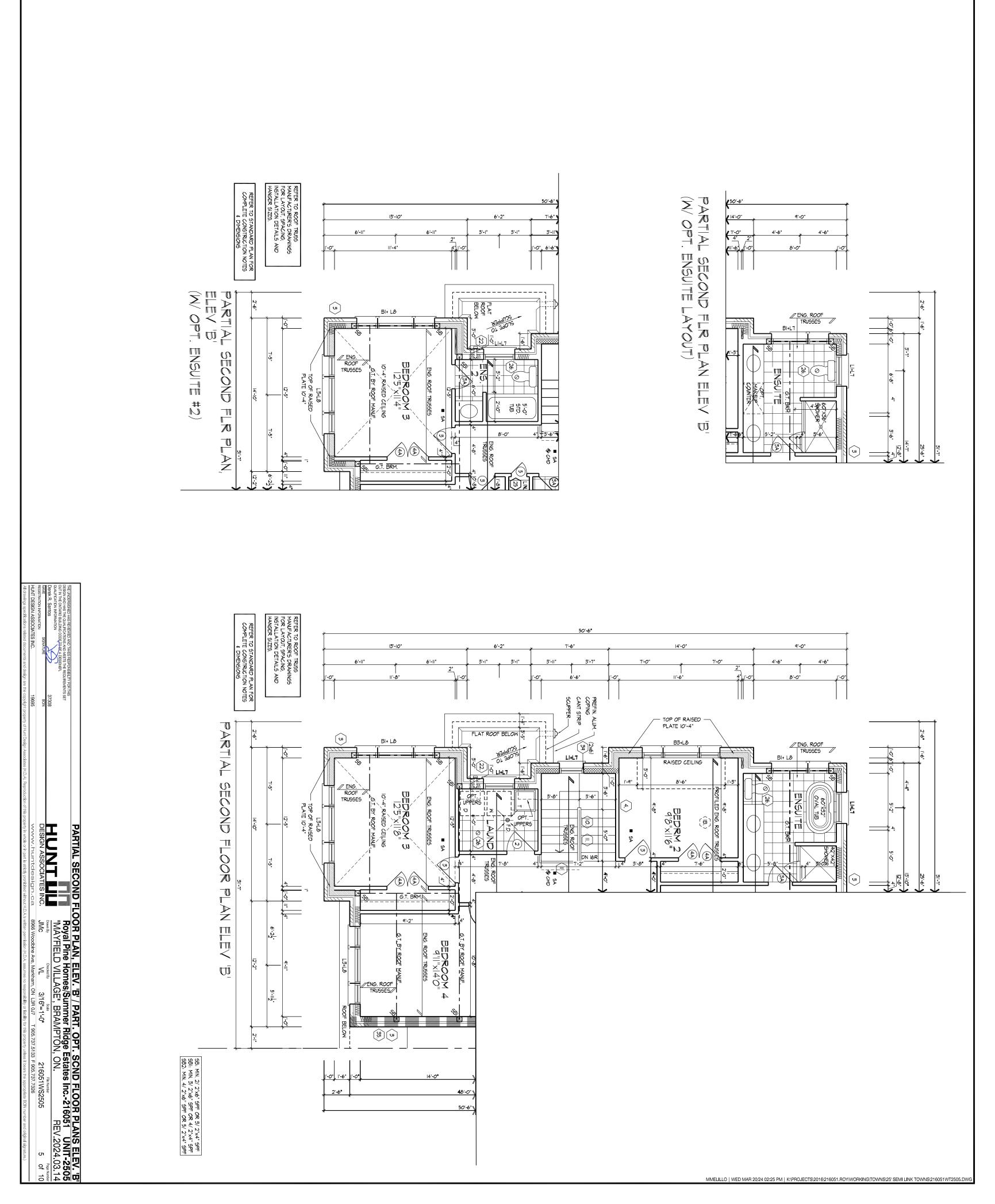
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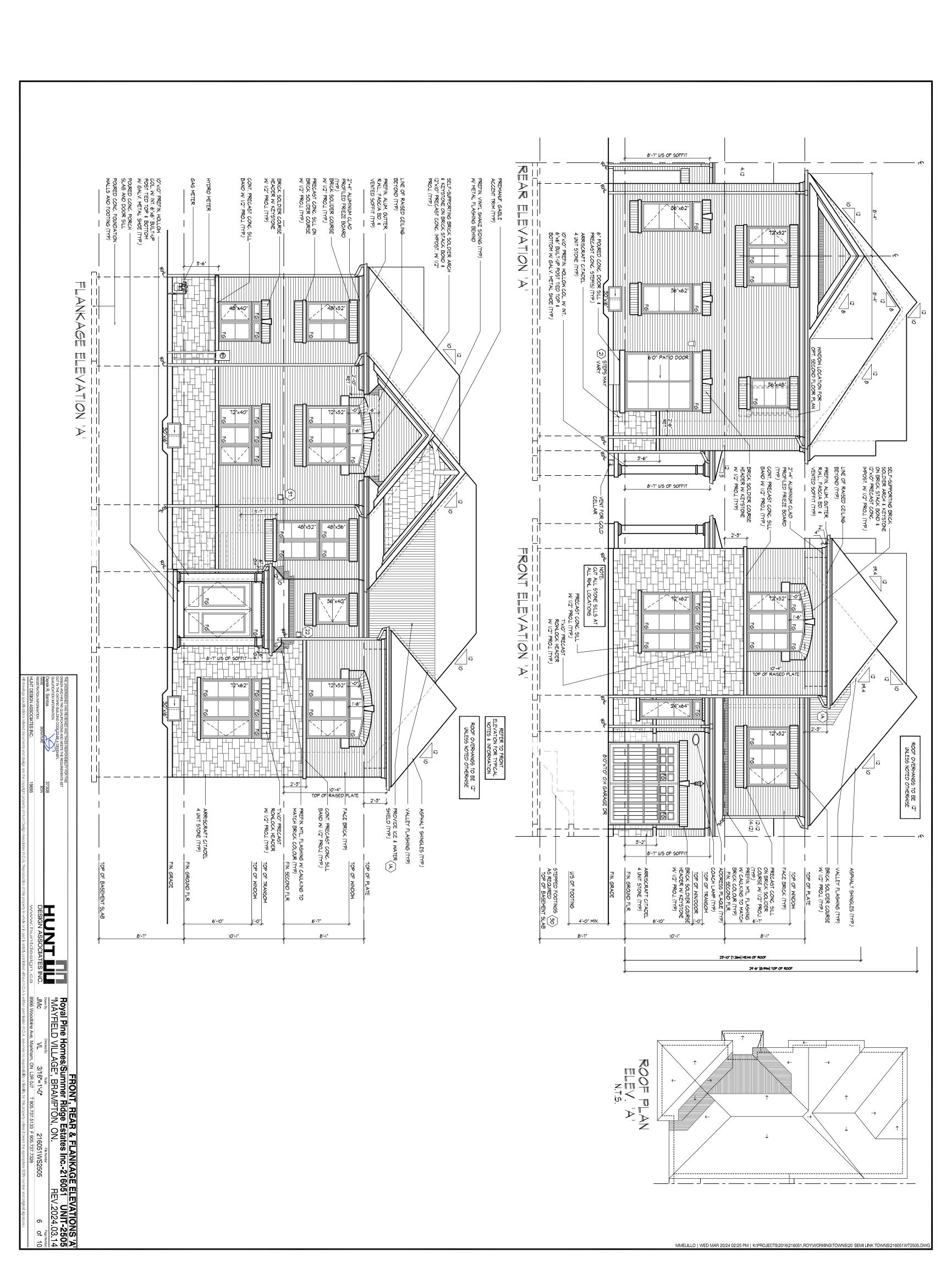
DESIGN ASSOCIATES INC.

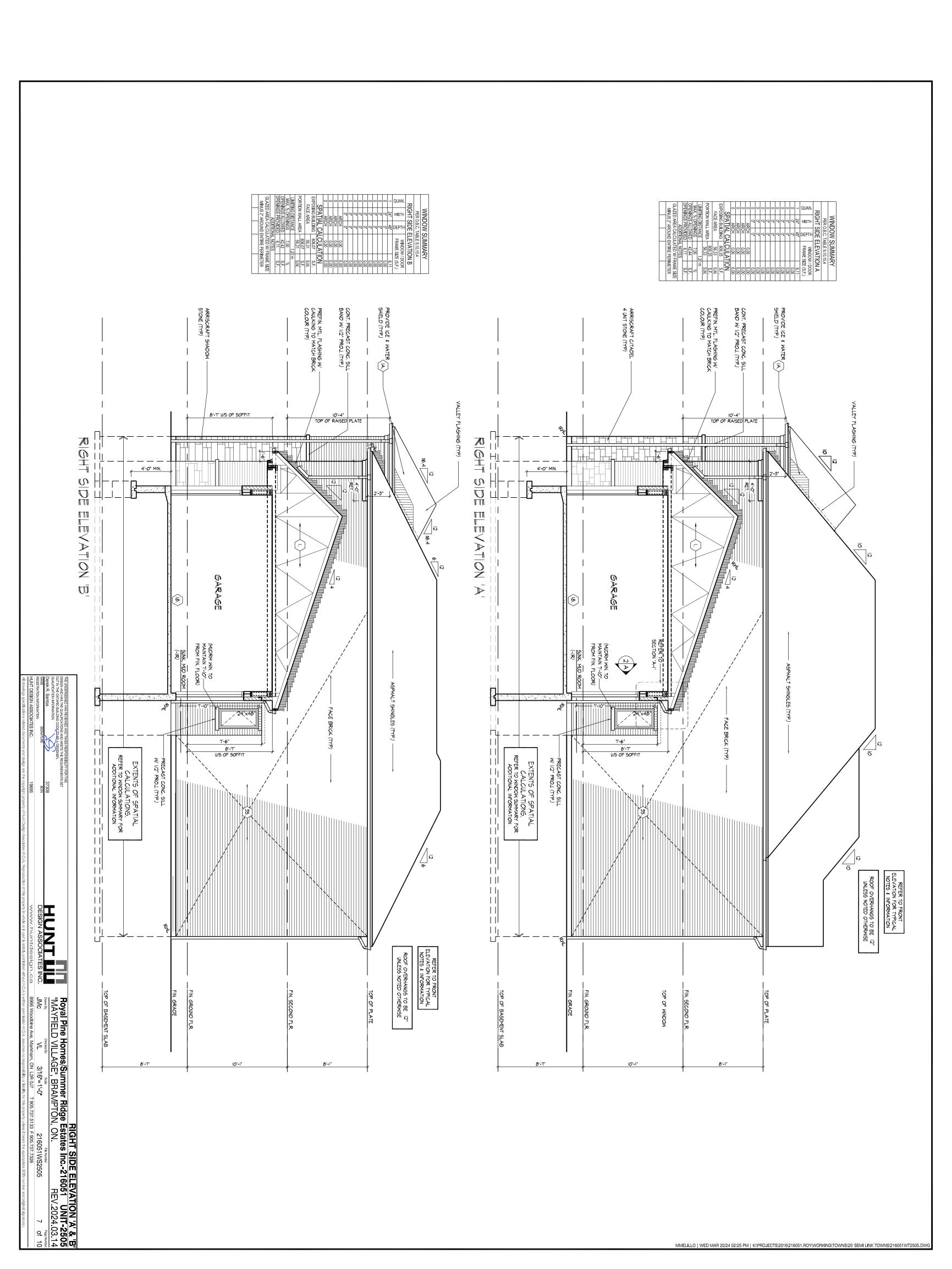


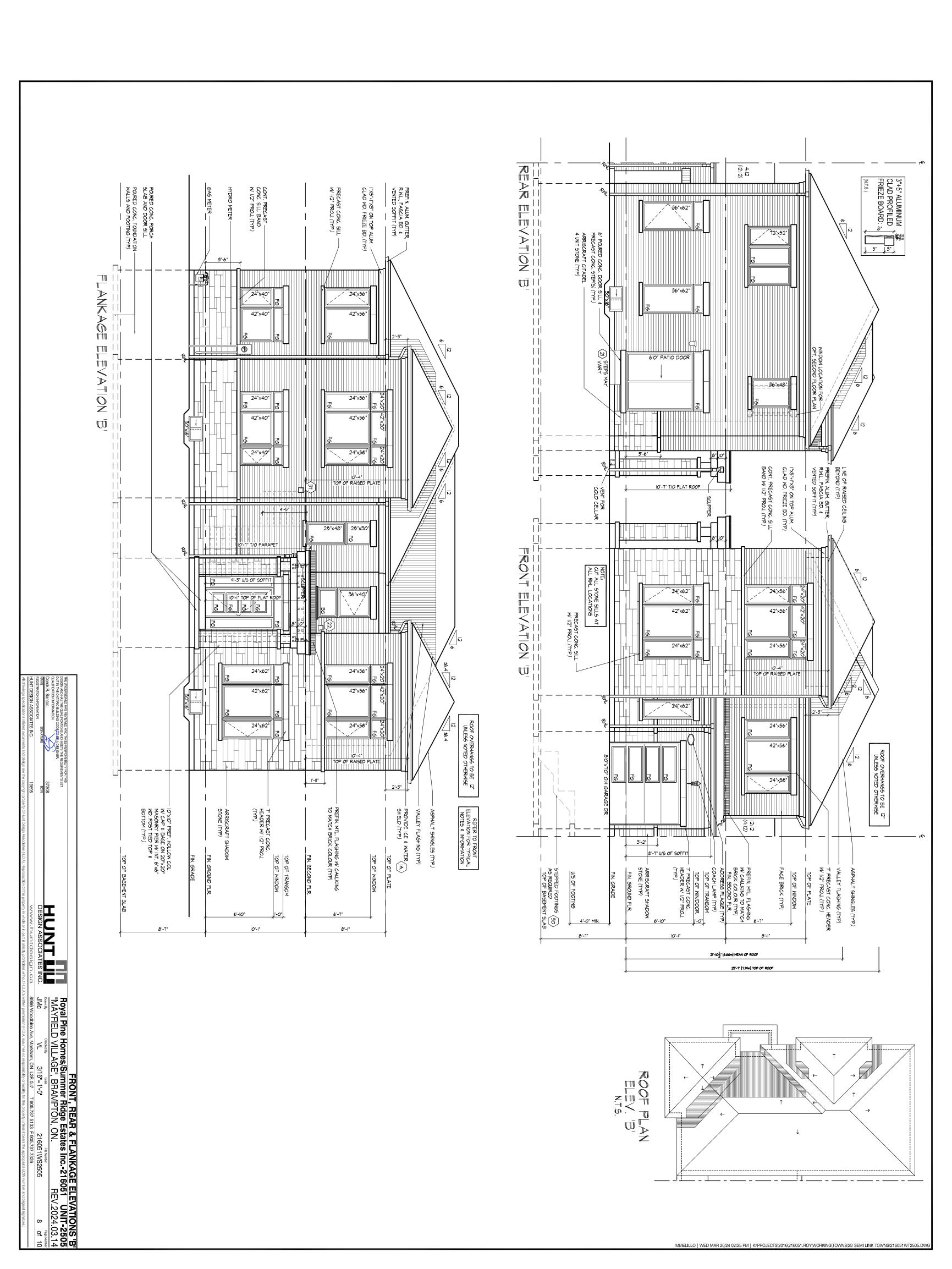


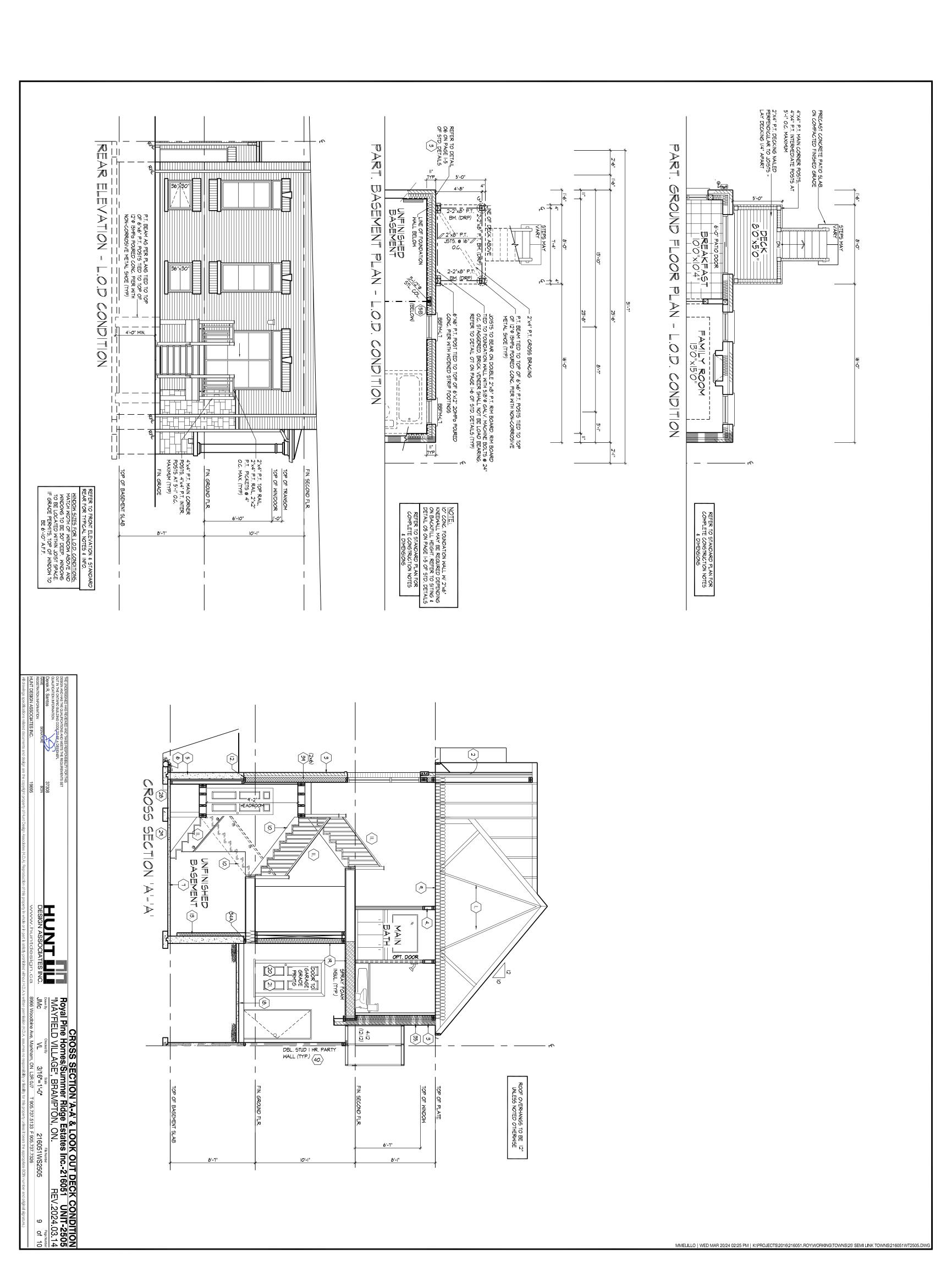












SIDING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 36" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1.1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. (GYPSUM SHEATHING, RIGID INSULATION AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT 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 SUBJECT OF S 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
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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
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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/MZ) ASPHALT SHINGLES, 3/8" (9.5) PLYWOOD SHEATHING WITH "H" CLIPS, APPROVED WOOD TRUSSES @ 24" (610) O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 2-11" (900) FROM EDGE OF ROOF AND MIN. 12" (393) BEYOND INNER FACE OF EXTERIOR WALL, 2"X" (138X98) TRUSS BRACING @ 6-0" (1830) O.C. AT BOTTOM CHORD. PREFIN. ALUM. 24NESTROUGH FASCIA, RWL & VENTED SOFFIT, ATTIC VENTILATION 1:300 OF NSULATED CEILING AREA WITH MIN. 25% OR REQUIRED OPENINGS LOCATED AT 10P OF SPACE & MIN. 25% OR REQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25% OR REQUIRED OPENINGS MOTO CONCRETE SPLASH PADS OR PER MINNIGPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG FAVESTROUGH WAID NOW. 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 | MAX. NOSING | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 1° (25) | 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 INSURED ON CEILING AND ON CEILING AND ON CEILING AND ON CEILING AND ON WALLS INSURED ON CEILING AND ON CEILIN 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%6" (G-38x140) 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 A CONTROLLY CO EXTERIOR TYPE RIGID INSULATION (JOINIS UNIAPEU) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS ON 376 "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) **40**A BEL STUD 6 (39) 4 43 42 <u>4</u> **(4**) STUCCO WALL @ GARAGE CONST.

STUCCO FINISH CONFORMING TO D.B.C. SECTION 9.28. AND APPLIED STUCKO FINISH CONFORMING TO D.B.C. SECTION 9.28. AND APPLIED STUCKO FINISH CONFORMING TO D.B.C. SECTION 9.28. AND APPLIED MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.F.I.S. (MINIMUM) APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM STUDS CONFORMING TO D.B.C. (9.23.10.1.) & SECTION 1.1., 1/2" (12.7) WALLED OF DRAINAGE MAT ON 1/2" (17.7) DENSGLASS GOLD GYPSUM STUDS IN LIEU OF 1 1/2" (38) E.F.I.S. (MINIMUM) APPROVED DRAINAGE MAT ON 1/2" (17.7) DENSGLASS GOLD GYPSUM STUDS IN LIEU OF 1 1/2" (38) E.F.I.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON 1/2" (17.7) DENSGLASS GOLD GYPSUM ON APPROVED DRAINAGE MAT ON 1/2" (17.7) DENSGLASS GOLD GYPSUM ON APPROVED DRAINAGE MAT ON 1/2" (17.7) DENSGLASS GOLD GYPSUM DATE ON THE DEPENING) S.20M BARS IN TOP PORTION OF WALL (0.9" TO 16" O' O'PENING) S.20M BARS IN TOP PORTION OF WALL (1.9" TO 16" O' O'PENING) S.20M BARS IN TOP PORTION OF WALL (1.9" TO 16" O' O'PENING) S.215M HORIZ REINFORCING ON THE INSIDE FACE OF THE DENING ALSO OF THE MINIMO WALL BELOW THE MINISH BARS STO HAVE MINI 1" (25) CONC. COVER BARS TO HAVE MIN. 1" (25) CONC. COVER BARS TO HAVE MINISH SECONOL OF THE WINDOW OP BARS TO EXTEND 2-0" (610) BEYOND BOTH SIDES OF OPENING BARS TO EXTEND 2-0" (610) BEYOND BOTH SIDES OF OPENING MANUFACTURERS SPECIFICATIONS OVER 11/2"(38) E.I.F.S. (MUNIMUM)
APPROVED DRAINAGE MAT ON 1/2" (12.7) DENGGLASS GOLD GYPSUM E
ON STUDS CONFORMING TO O.B.C. (9.23.10.1.) & SECTION 1.1., INSULA
APPROVED B.MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM
WALLBOARD INT. FINISH, (REFER TO 35 NOTE AS REQUIRED)

STUCCO WALL CONSTRUCTION (2"x6") W/ CONTIN. INS
STUCCO FINISH CONFORMING TO O.B.C. SECTION 9.28. AND APPLED
MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM,
APPROVED BARNINGE MAT ON APPROVED AIPWATER BARRIER AS PE
9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MEC
FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 7/16" EXTE
SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION
INSULATION APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2"
GYPSUM WALLBOARD INT. FINISH, (REFER TO 35 NOTE AS REQUIRED) SLOPED CEILING CONSTRUCTION
(ISB-12) 3.1.1.8. 9.23.4.

2Y(2' (38.286) ROOF JOISTS @ 16' (406) O.C. MAX. (INNESS OTHERW NOTED) W/ 2"/2" (38.38) PURLINS @ 16' (406) O.C. PERPEUDICULAR TO JOIST (PURLINS NOT REG. W/ SPRAY FOAM), W/ INSULATION BETWEED 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOA FINISH OR APPROVED EO, INSULATION VALUE DIRECTLY ABOVE THE I SURFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 F 2 HR. FIREWALL (ISB-3] WALL TYPE 'B66' & 'B1b')

A) 12" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"×2" (38x38) VERTIC WOOD STRAPPING @ 24" (610) O.C ON 8" (200) CONC. BLOCK 75% SO FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTI MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE, FILL & S. ALL GYPSUM JOINTS. AT UNFINISHED AREAS. STERIOR FACE OF COID BLOCK TO BE SEALED WITH 2 COATS OF PAINT. GYPSUM SHEATHING BE ATTACHED TO CONC. BLOCK, (REFER TO DETAILS) 1 HR. PARTY WALL (CONC. BLOCK). (ISB-3) WALL TYPE 'ISB-8' & 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2%2" (38x38) VERTIC STRAPPING @ 24" (610) O.C. ON 8" (200) CONC. BLOCK FILL STRAPPING CANITY EACH SIDE WITH AT ILEAST 90% OF ABSORPTINE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE, FILL & SAND ALL GOINTS. EXPOSED BLOCK MUST BE SEALED W/2 COATS OF PAINT OR FURRED WITH 2"×2" (38x38) WD. STRAPPING & 1/2" (12.7) GYPSUM SHEJORNED WITH 2"×2" (38x38) WD. STRAPPING & 1/2" (12.7) GYPSUM SHEJORNED WITH 2"×2" (38x38) WD. STRAPPING & 1/2" (12.7) GYPSUM SHEJORNED WITH 2"×2" (38x38) WD. STRAPPING ON EXTERIOR SIDE OF 2 ROW STRAPPING WITH AT LEAST 90% OF ABSORPTINE MATERIAL PROCESSED FIROCK, SLAG OR GLASS. TAPE FILL AND SAND ALL GYPSUM JOINTS. BARREL VAULT CONSTRUCTION

CANTILEVERED 2"x4" (38x89) SPACERS LAID FLAT ON 2"x10" (38x238 ROOF JOIST NAILED TO BUILT-UP 3-3/4" (19) PLYWOOD HEADER PR BARREL. SPRAY FOAM INSULATION BETWEEN JOISTS W. GYPSUM INTERIOR FIN. (REFER TO DETAILS) FLAT ROOF/BALCONY CONSTRUCTION STUD WALL REINFORCEMENT
PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM
CONFORMING TO O.B.C. (9.5.2.3.(1)) (REFER TO DETAILS) STUCCO WALL CONSTRUCTION (2'x6')
STUCCO FINISH CONFORMING TO 0.B.C. SECTION STUDS ARE TO BE CONTINUOUS, C/M 3/8" (9.5) THICK EXTERIOR P SHEATHING, PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD: 90 4-0" (1220) O.C. VERTICALLY.

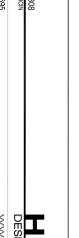
FOR HORZ, DISTANCES LESS THAN 9-6" (2896) PROVIDE 2"x6" (38x14/60") TOP PLATE + 1-2"x6" (1-38x140) TOP PLATE 4 HIN OF 3-2"x6" (3-38x184) CONT. HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADER AT GROUN CEILING C TWO STOREY VOLUME SPACES BALCONY OVER HEATED SPACE CONDITION
SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE FOR ASSEMBLY
PLANS FOR FLOOR JOIST SIZE & REFER TO HEX NOTE 9 FOR INSL NEMBRANE (9.26.11, 9.26.15, 9.26.16) FULLY ADHEOR GRADE PLYWOOD SHEATHING ON 2%2" (38x38) IOR GRADE PLYWOOD SHEATHING ON 2%2" (38x38) IOR GRADE PLYWOOD SHEATHING ON 2%2" (30x38) IOR GRADE PLYWOOD SHEATHING PLANTING PERFORMES NOTED STATE OF GRADE PLANTING PROMISED BALCONY FLOOR, CONTION BE PROMIDED ON OUTSIDE FACE OF CURB. SCI. 14" (610) MIN. ANIAY FROM HOUSE. PREFINISHED AIR TRIDE OF SOFFIT (9.23.2.3), REMOVE CURB WHERE NEITHON. ONSTRUCTION NOTE. INCLUDE 2"x4"

AID FLAT PARALLEL TO JOISTS ON 2"

C. LAID FLAT PERPENDICULAR TO JO

| M BOARD. | HERE REQ. 4" (38x89) PT. 2"x4" (38x89) IOISTS ULY. REFER TO SULATION AND | LEGARD INT. LEGARD INT. THE INNER 3.52 RSI). 3.52 RSI). 3.52 RSI). UDARTO 2'%8" OTIED). BUILT UP ONTINUOUS 'L SCUPPER DRAIN | E OF NOT WINDOW. AFLOR A FLITER 3.14.6.3.) 3.14.6.3.) 1.23.4.2.) LERWISE AR TO ROOF | OF THE O) BEYOND ND OUTSIDE JW OPENING. | PLIED PER IMUM) ON PSUM BRD. ON (12.7) GYPSUM ON. ON. PE SHEATHING IS (MINIMUM) OGYPSUM BRD. | AYPSUM V. INSUL. PPUED PER VIMUM) ON AS PER O.B.C. MECHANICALLY S' EXTERIOR TYPE COTION 1.1. COTION 1.1. CHAPTER (12.7) JIRED) | WETTICAL % SOLID. OPPTIVE L & SAND PL CONC. HING TO WIMM ON WIMM ON WOULD PER WOULD PE | EADERS. Bée & 191b) WERTICAL WD. APPING ALL GYPSUM ALL GYPSUM NIT OR ALL GYPSUM NIT OR ALL GYPSUM OR ALL GYPSUM AL | 8-4" (5588) 8-4" (5588) 8-4" (5588) 11-0" (6400) 11-0" (6 | 9.23.16.) |
|--|---|--|---|--|--|--|--|--|---|---|
| B4 4/2"x10" (4/38x235) B6 4/2"x12" (4/38x235) B9 5/2"x12" (5/38x235) B9 5/2"x12" (5/38 | ### SECTION 3.0. LEGEND 3.1. WOOD LINTELS AND BUILT-UP WOOD (DIVISION B PART 9. TABLES A8 TO A10 AND A12, A15 & A16) FORMING PART OF SENTENCE 9.23.4.2 (8), 9.23.12.3 (1),(3), 9.23.13.8 (2), 9.37.3.1.(1 2"X8" SPRUCE #2 2"X10" SPRUCE #2 2"X10" SPRUCE #2 2"X10" (2/38x235) L5 2/2"X12" (3/38x286) B1 3/2"X8" (3/38x184) B3 3/2"X10" (3/38x235) B5 3/2"X12" (3/38x286) | O, ULC SPECIFIED , RECURED INDIVIDUAL CA RECURED INDIVIDUAL CA RECURED INDIVIDUAL CA RECURED WITHIN ANY OTHER MATERIALPI HAT SPECIFIED ULC USTIN CUMSTANCES IN ANY 'ULC CUMSTANCES IN ANY 'ULC CUMSTANCES IN ANY 'ULC CUMSTANCES IN ANY 'ULC COMMENTANCES IN ANY 'ULC COMM | STRUCT. SECTIONS SHALL CONFORM TO CANGEAGAPCE OF CHAPTER SOW, INCLUDING STRUCT, SECTIONS SHALL CONFORM TO CANGEAGAPCE (BRADE 350W CLASS HIT 2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R. 2.6. FLAT ARCHES 1) FOR 30-0° (2240) CEILINGS, FLAT ARCHES SHALL BE 6-10° (2080) A.F.F. 2) FOR 90-0° (2740) CEILINGS, FLAT ARCHES SHALL BE 7-10° (2080) A.F.F. 2) FOR 90-0° (3040) CEILINGS, FLAT ARCHES SHALL BE 8-6° (2800) A.F.F. 3) FOR 10-0° (3040) CEILINGS, FLAT ARCHES SHALL BE 8-6° (2800) A.F.F. 2) FOR 90-0° (3040) CEILINGS, FLAT ARCHES SHALL BE 8-6° (2800) A.F.F. 3) FOR 10-0° (3040) CEILINGS, FLAT ARCHES SHALL BE 8-6° (2800) A.F.F. 2.7. ROOF OVERHANGS 1) ALL ROOF OVERHANGS SHALL BE 10° (305). UNLESS NOTED OTHERWISE. 2.8. FLASHING (9.20.13. 9.26.4. & 9.27.3.) 1) FLASHING MATERIALS & INSTALLATION SHALL CONFORM TO O.B.C. 2.9. GRADING | 2) SIUDS SHALL BE SIUD GHADE SCHOCE, UNLESS NOIED O HERWISE. 3) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE NO. 2 GRADE PRESSURE TREATED OR CEDAR, UNLESS NOTED OTHERWISE. 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. 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 CONCRETE, SHALL BE SEPARATED FROM THE CONC. BY ALL SET 2 mil POLYETHYLEN FILM, No.50 (455b) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE GROUND. 2.5. STEEL (232.4.3) | MECHANICAL DRAWINGS. 2) REFER TO HOT WATER TANK MANUFACTURER SPECS. CONFORM TO OBC 9.31.6. 3) REFER TO TITLE PAGE FOR SPACE HEATING EQUIPMENT, HRV AND DOMESTIC HOT WATER HEATER MINIMUM EFFICIENCIES. 4) DRAIN WATER HEAT RECOVERY UNIT(S) WILL BE INSTALLED CONFORMING TO THE REQUIREMENTS OF SB12 - 3.1.1.12. OF THE O.B.C. 2.4. LUMBER SHALL BE SPRUCE ALGERADE OR BETTER, UNLESS NOTED OTHERWISE. | BATHROOM, LAUNDRY AREA ABOVE GRADE FINISHED ROOM NOT MENTIONED ABOVE MENTIONED ABOVE MEZZANINES STORAGE GARAGE 2.3. MECHANICAL / PLUMBING IF NOT AIR CONDITIONED 1 PER HOUR F AIR CONDITIONED AVERAGED OVER 24 HOURS, WHEN A VENTILATION FAN (PRINCIPAL EVALUST) IS REQUIRED, CONFORM TO 9.32.3.1. REFER TO OBC 9.32.3.4. WHEN A HAV IS REQUIRED, CONFORM TO 9.32.3.1. REFER TO | 4) REFER TO TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS 2.2. CEILING HEIGHTS THE CEILING HEIGHTS THE CEILING HEIGHTS OF ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1. ROOM OR SPACE LIVING ROOM, DINING ROOM, DINING CLEAR HEIGHT OF 6:11" AT ANY POINT BEDROOM BEDROOM TOVER 50% OF REQUIRED FLOOR AREA WITH A OVER ALL OF THE REQUIRED FLOOR AREA. 6:11" OVER ALL OF THE REQUIRED FLOOR AREA. 6:11" OVER ALL OF THE REQUIRED FLOOR AREA. 6:11" OVER ALL OF THE REAMS AND DUCTS THE CLEARANCE IS PERMITTED TO BE REDUCED TO 6:5". | 2.1. WINDOWS 2.1. WINDOWS 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 TONE OUTSIDE WINDOW WIN. 0.33m2 UNDOSTRIUCTED OPEN PORTION W. NO. DIMENSION LESS THAN 11-3" (830), CAPABLE OF MANITAINING THE OPENING WITHOUT THE NEED FOR ADDITIONAL SUPPORT, CONFORMING TO 9.9.10. 2) WINDOW GLARDS: A GLARD OR A WINDOW WITH A MAXIMUM RESTRICTED OPENING WITHOUT THE NEED FOR ADDITIONAL SUPPORT, CONFORMING TO 9.9.10. 2) WINDOW GLARDS: A GLARD OR A WINDOW WITH A MAXIMUM RESTRICTED OPENING WITHOUT THE MEDITAINED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 1-7" (480) ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FINISHED FLOOR TO THE ADJACENT GRADE IS GREATER THAN 5-11" (1800) (9-8.8.1) 3) WINDOWS IN EXIT STARWAYS THAT EXTEND TO LESS THAN 2-1" (900) (3-6" (1070) FOR ALL OTHER BUILDINGS) SHALL BE FROTECTED BY GLARDS 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 | STUD WALL HEIGHT EXCEEDS MAX, UNSUPPORTED HEIGHT, WALL NEEDS TO BE | SIZE & SPACI BRADING PLAI D ADDITIONAL |
| CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB, REPORT ANY DISCREPANCIES TO HUNT DESIGN 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. ALL CONSTRUCTION TO ADHERE TO THESE PLANS, AND SPECIFICATIONS AND TO CONFORM TO THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AUTHORITIES HAWING JURISDICTION. THESE REQUIREMENTS ARE TO BE TAKEN AS MINIMUM SPECIFICATIONS. ONT. REG. 332/12. CONSTRUCTION NOTE REVISION DATE: JUNE 09, 2022 | SECTION 4.0. CLIMATIC DATA DESIGN SNOW LOAD (9.4.2.2.): 1.12 kPa WIND PRESSURE (q50) (SB-1.2.): 0.44 kPa STAMP | WWW EXPOSED BUILDING FACE -O. 1 HR. PARTY WALL REFER TO HEX NOTE 40. | **CMU CARBON MONOXIDE ALARM (9.33.4.) **CHECK LOCAL BY-LAWS FOR REQUIREMENTS **A CARBON MONOXIDE ALARM(S) **CONFORMING TO CANCGA6.19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH DWELLING UNIT ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARM(S) SHALL BE PERMANENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS AUDBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED. SOLID BEARING (BUILT-UP WOOD COLUMNS AND STUD POSTS) THE WIDTH OF A WOOD COLUMN SHALL NOT BE LESS THAN ITHE WIDTH OF SUPPORTED MEMBER. BUILT-UP WOOD COLUMN SHALL BE NAILED TOGETHER WITH NOT LESS THAN 3" (76) INAILS SPACED NOT MORE THAN 11" 3,4" (300) O.C. THE NUMBER OF STUDS IN A WALL DIRECTLY BELOW A GIRDER TRUSS OR ROOF BEAM SHALL CONFORM TO TABLES A:34 TO A:37". (9.17.4., 9.23.10.7.) | CABLE T.V. JACK VAC CENTRAL VACUUM OUTLET SA SMOKE ALARM PROVIDE ONE PER FLOOR. NEAR THE STARS CONNECTING THE FLOOR LEVEL. ALARMS ARE TO BE INSTALLED IN EACH SLEEPING ROOM AND IN A LOCATION BETWEEN SLEEPING ROOMS AND CONNECTING HALLWAYS AND WIRED TO BE INSTECTED TO AN ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARMS ARE TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARMS AND SIGNAL SHALL MEET TEMPORAL SOUND PATTERNS MIN. ALARMS SHALL HAVE A VISUAL SIGNALLING COMPONENT AS PER THE "NATIONAL FIRE ALARMS AND SIGNALING CODE 72". | DUPLEX OUTLET (12"HIGH) HEAVY DUTY OUTLET POT LIGHT O G G G G G G G G G G G G | FLR FLOOR GT GIRDER TRUSS HB HOSE BIB HRV HEAT RETURN VENTILATION UNIT HOT WATER TANK ALL ELECTRICAL FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 9.34. C CLASS'B' VENT TYP TYPICAL WO UNDERSIDE WE WOOD WEATHER PROOF S.5. SYMBOLS EXHAUST VENT S. EXHAUST VENT | DO DO OVER PWD F P | 4A INTERIOR 2-2" x 6-8" x 1-3/8" (860 x 2030 x 35) 5 INTERIOR 11-6" x 6-8" x 1-3/8" (860 x 2030 x 35) 5 INTERIOR 11-6" x 6-8" x 1-3/8" (460 x 2030 x 35) 5 INTERIOR 11-6" x 6-8" | 1B EXTERIOR 3-0" x 6-8" x 1-3/4" (915 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) 1C EXTERIOR 2-6" x 6-6" x 1-3/4" (760 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) 1D EXTERIOR 2-8" x 6-8" 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 2030 x 45) INS. MIN. R4 (RSI 0.7) (SEE HEX NOTE 20) 1F EXTERIOR 2-8" x 8-0" x 1-3/4" (815 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) 2A EXTERIOR 2-8" x 6-8" x 1-3/4" (815 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) 2NITERIOR 2-8" x 6-8" x 1-3/8" (760 x 2030 x 35) 3A INTERIOR 2-4" x 6-8" x 1-3/8" (760 x 2030 x 35) NITERIOR 2-4" x 6-8" x 1-3/8" (770 x 2030 x 35) PROVIDE 8-0" HIGH INTERIOR 2-6" x 1-3/8" (760 x 2030 x 35) PROVIDE 8-0" HIGH INTERIOR 2-4" x 6-8" x 1-3/8" (760 x 2030 x 35) PROVIDE 8-0" HIGH INTERIOR 2-6" x 1-3/8" (760 x 2030 x 35) PROVIDE 8-0" HIGH INTERIOR 2-6" x 1-3/8" (760 x 2030 x 35) | 1 EXTERIOR 2:10" x 6:8" x 1-3/4" (865 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) 1A EXTERIOR 2:10" x 6:8" x 1-3/4" (865 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) |

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