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ESIGN ASSOCIATES INC.

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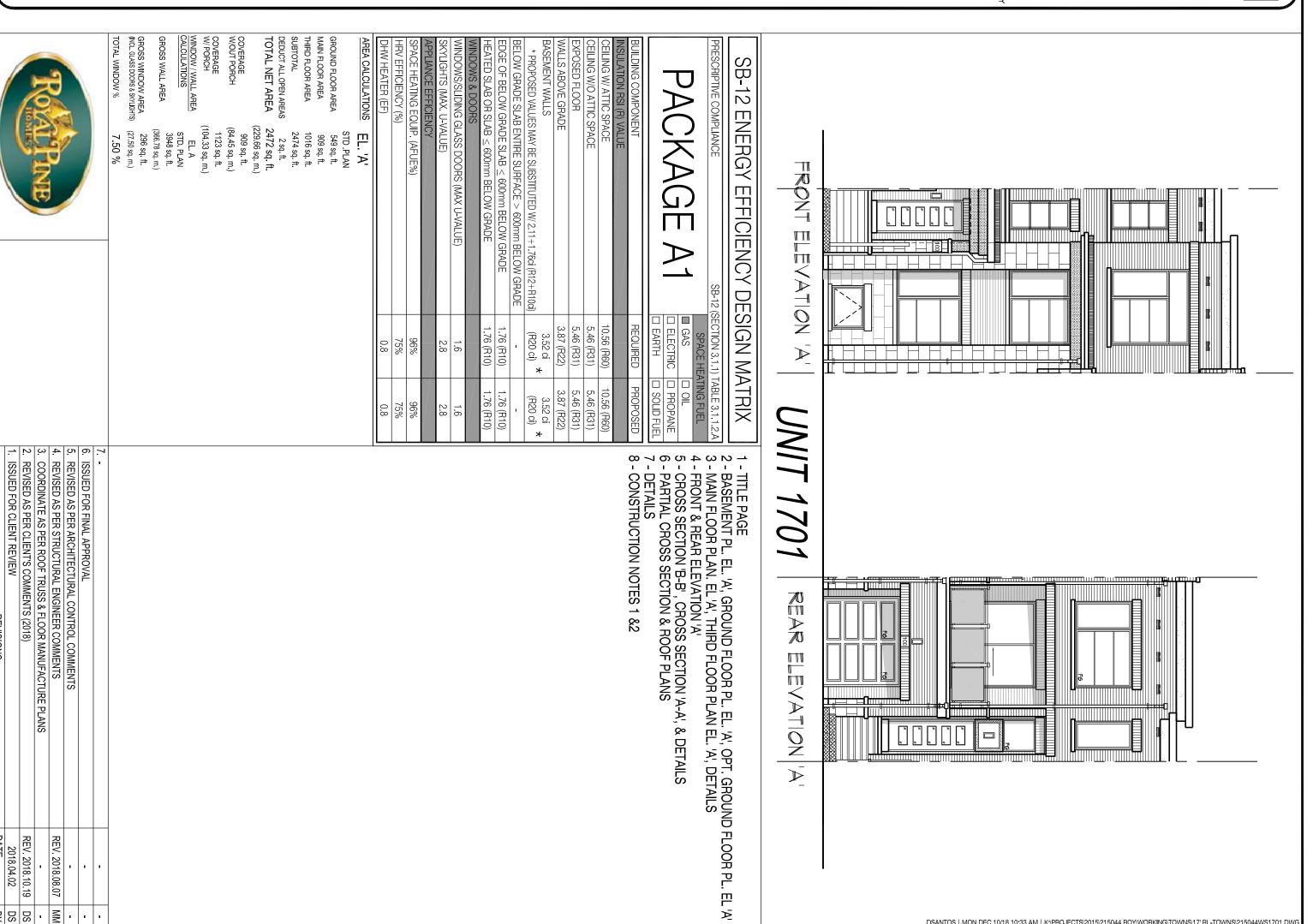
ROYAL PINE HOMES - 215044 FORESTSIDE ESTATES PH 6, BRAMPTON, ONT.

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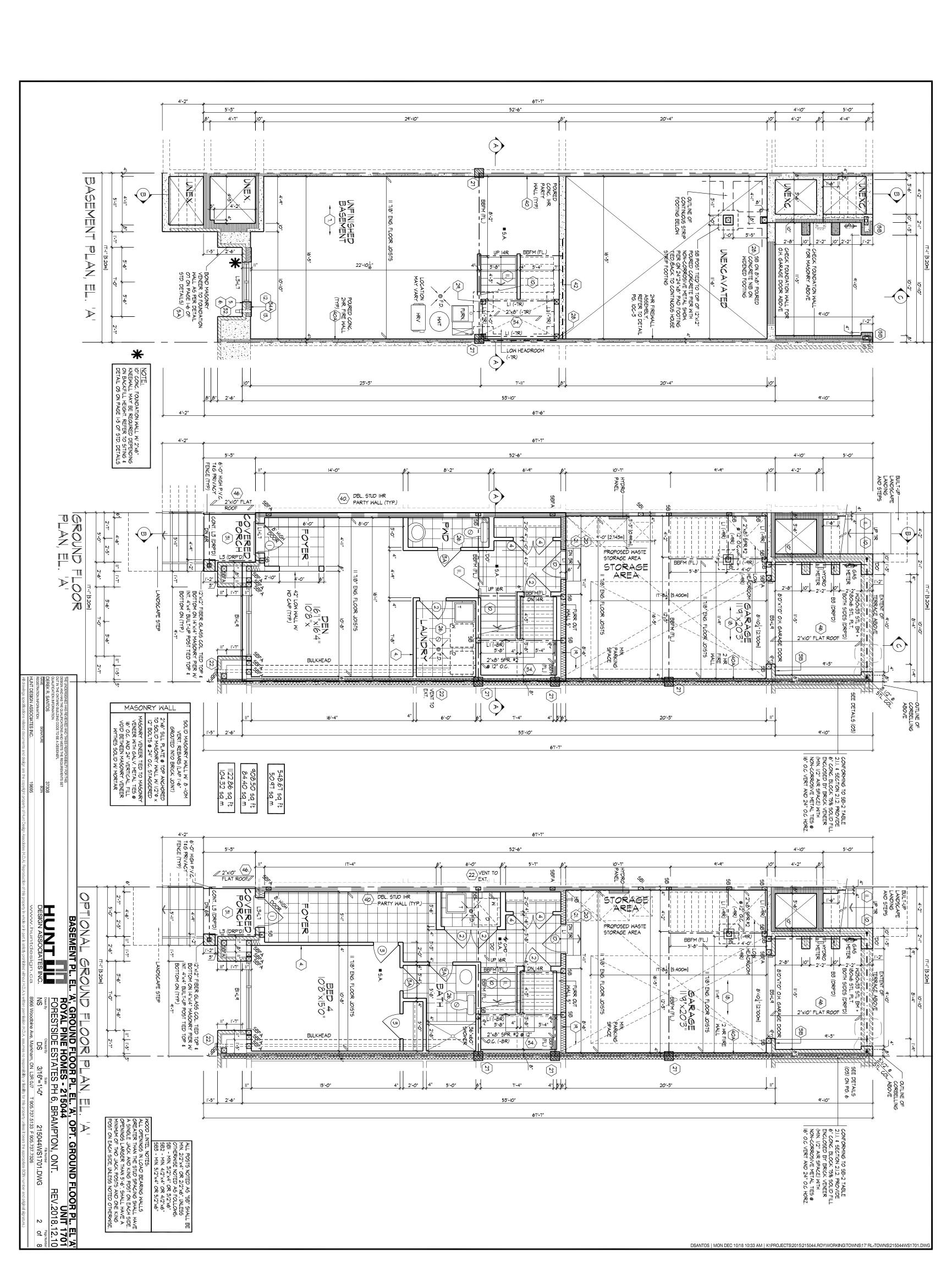
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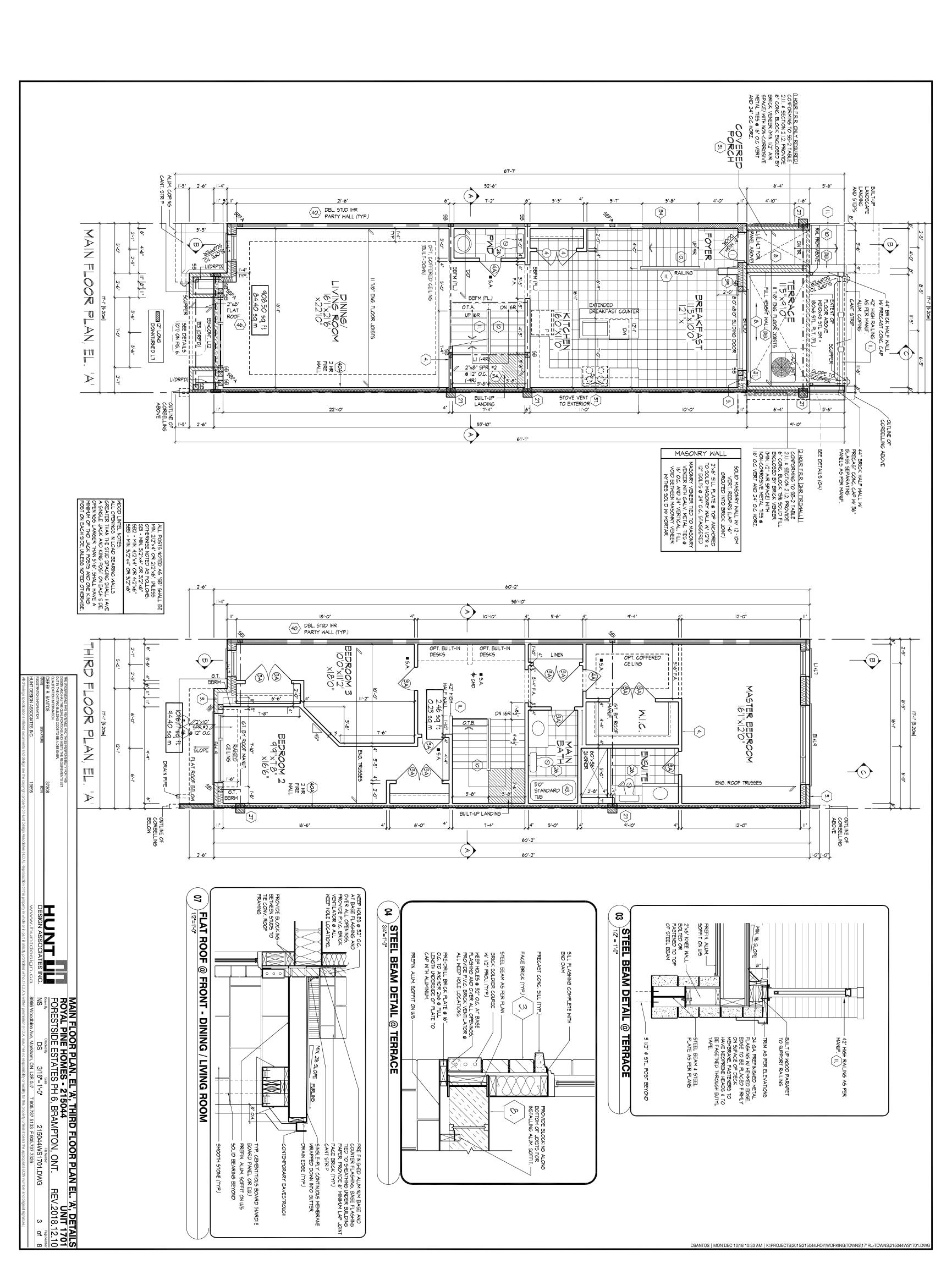
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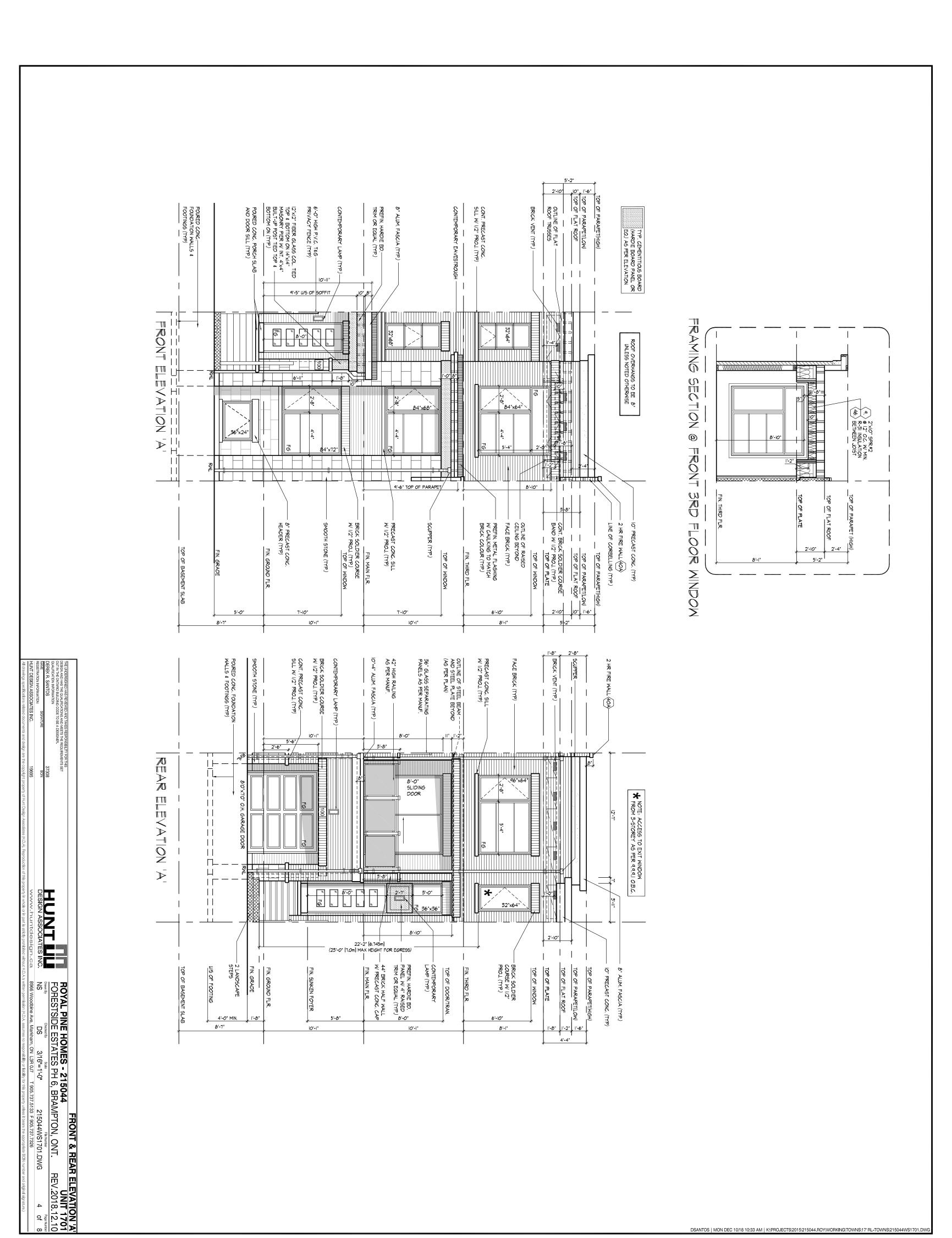
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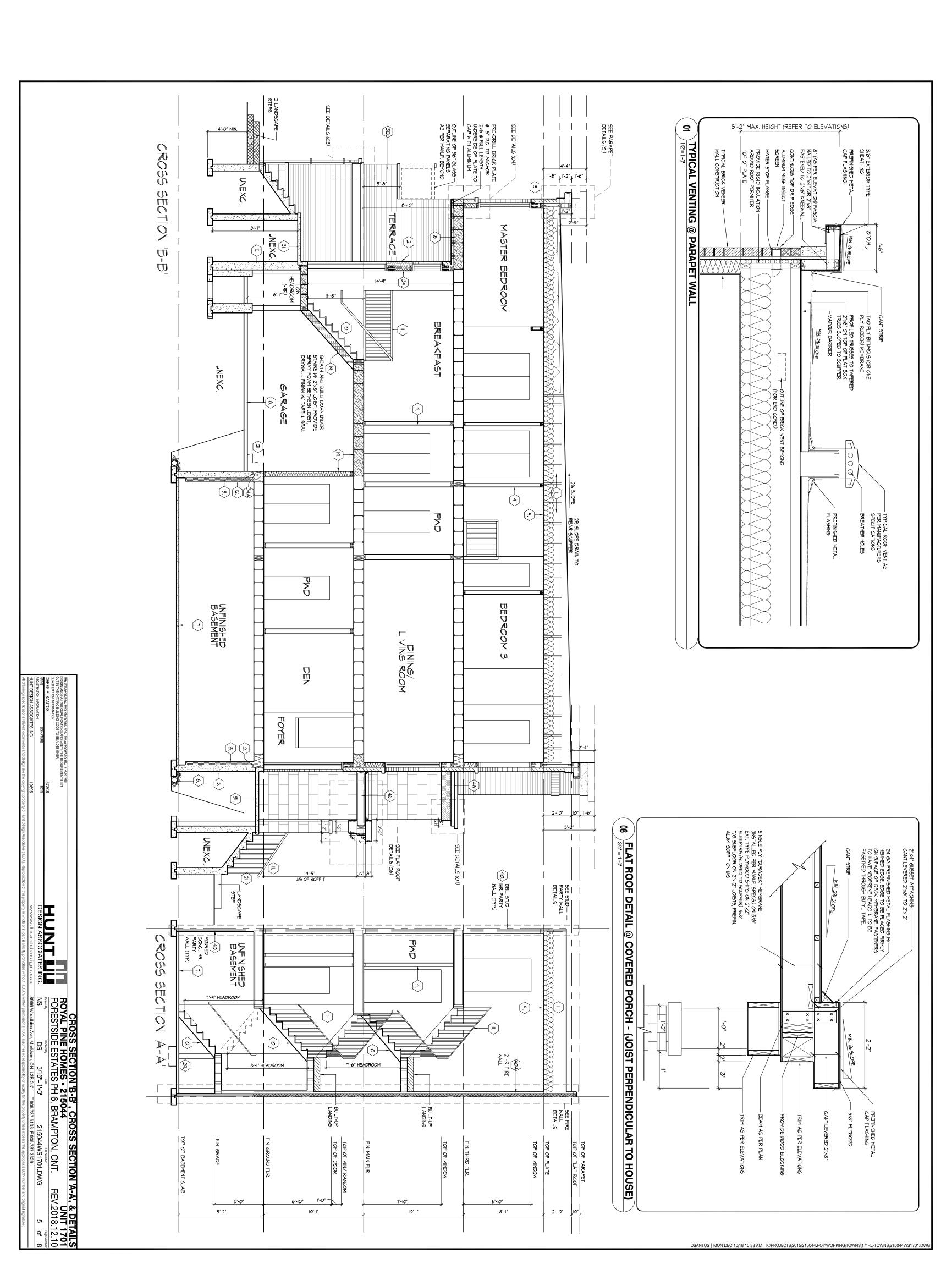


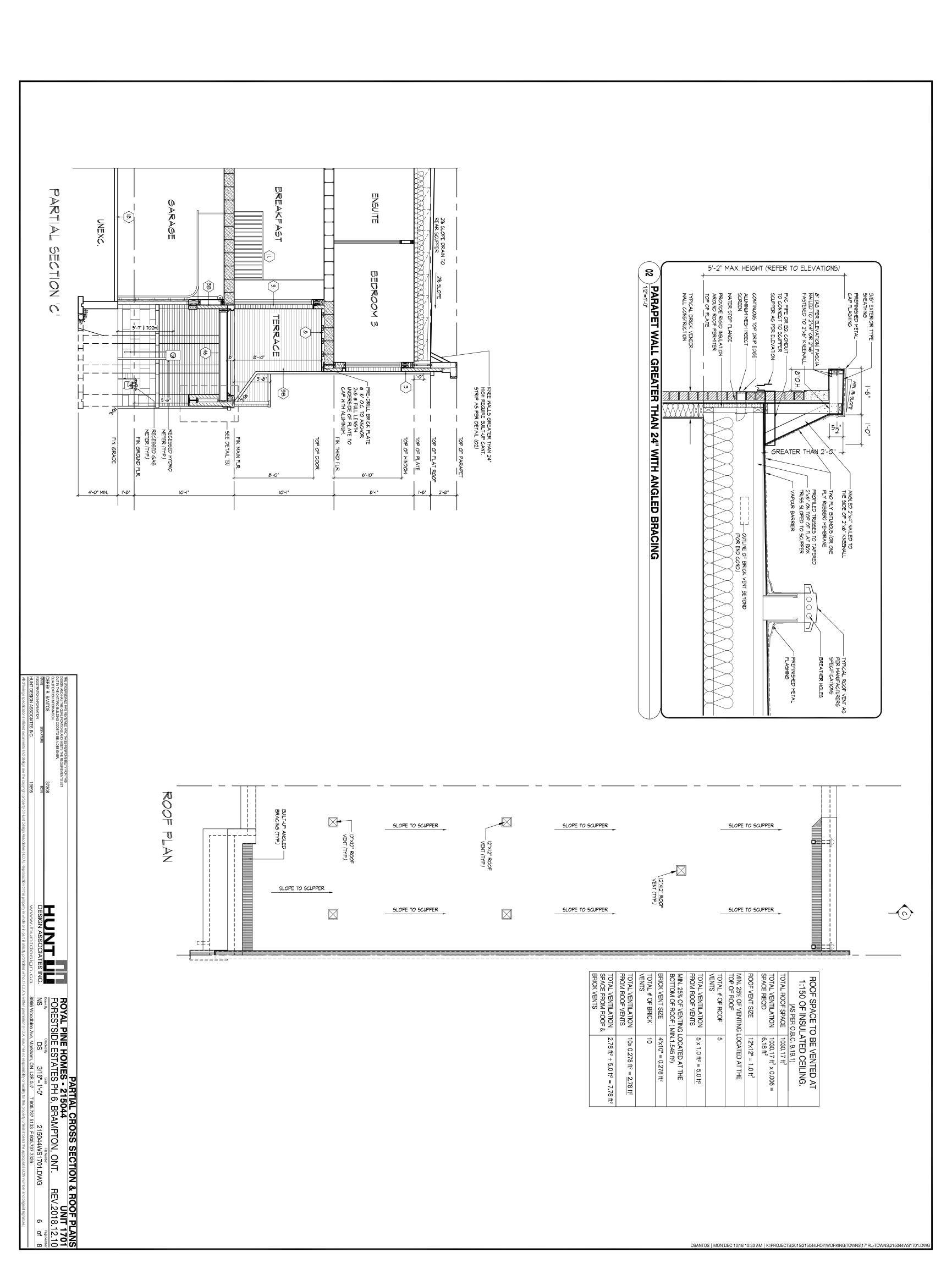
DSANTOS | MON DEC 10/18 10:33 AM | K:\PROJECTS\2015\215044.ROY\WORKING\TOWNS\17' RL-TOWNS\215044WS1701.DV

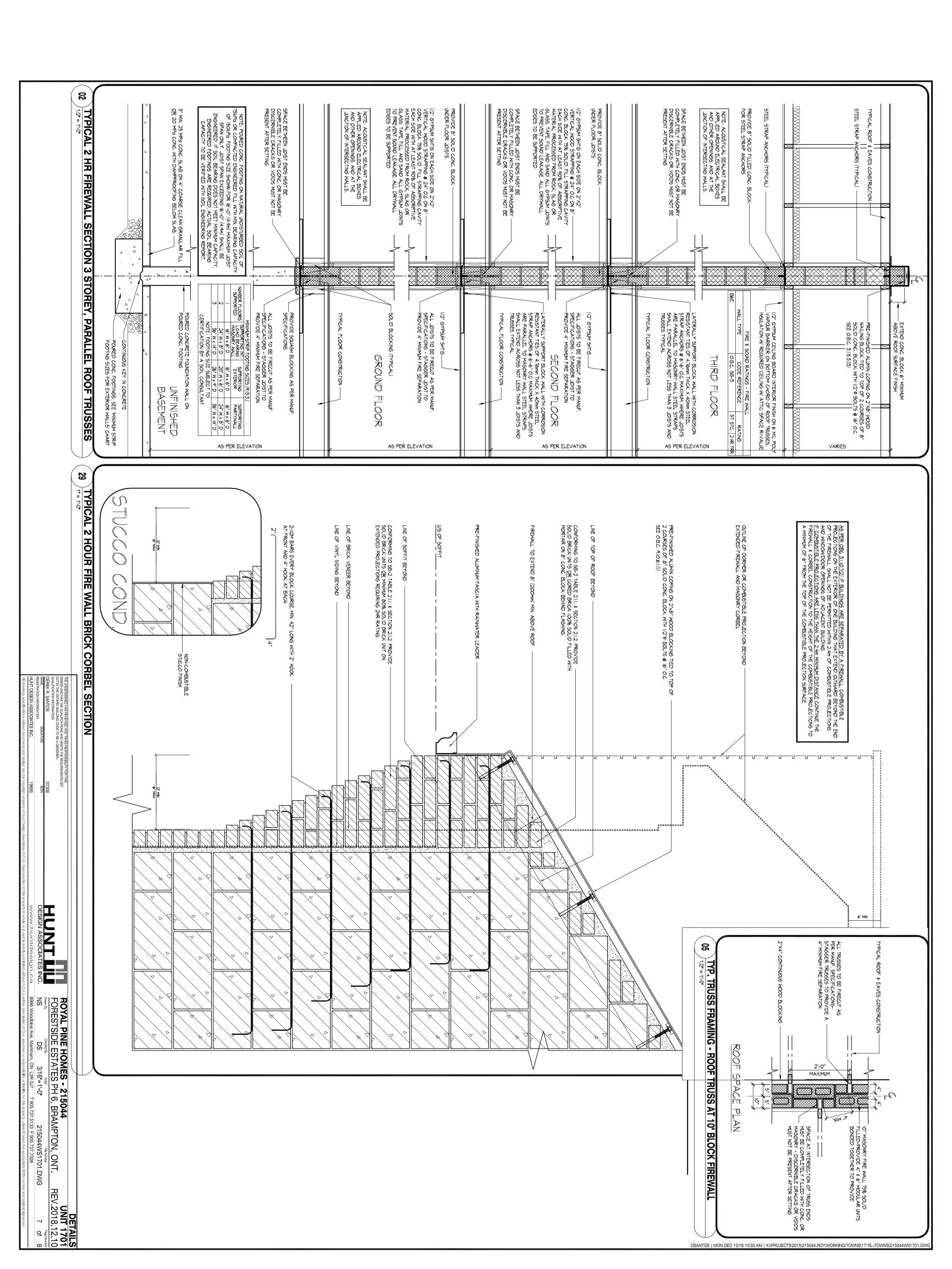












EXT. LOFT WALL CONSTRUCTION - NO CLADDING (4A) EXT. LOFT WALL CONSTRUCTION - NO CLADDING (38" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO SECTION 1.1. INSULATION AND 6 mil POLYETHYLENE VAPOUR BAAPPROVED CONT. AIR BARRIER, 1/2" (12.7) GYPEN MAYWAND APPROVED CONT. AIR BARRIER, 1/2" (12.7) GYPEN MAYWAND CONT. CONT. AIR BARRIER, 1/2" (12.7) GYPEN MAYWAND CONT. CONT. AIR BARRIER, 1/2" (12.7) GYPEN MAYWAND CONT. | INTERIOR STUD PARTITIONS | (9.23.9.8., 9.23.10) | BEARING PARTITIONS SHALL BE A MINIMUM 2"x4" (38x89) @ 16" (406) O.C. FOR 2 STOREY AND 12" (305) O.C. FOR 3 STOREY, NON-BEARING PARTITIONS 2"x4" (38x89) @ 24" (610) O.C. PROVIDE 2"x4" (38x89) BOTTOM PLATE AND 2-2"x4" (2-38x89) TOP PLATE. 1/2" (12.7) INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 2"x6" (38x140) STUDS WHERE NOTED. PROVIDE 2"x4" (38x89) @ 24" (610) O.C. LADDER FRAMING WHERE WALLS INTERSECT PERPENDICULAR TO ONE ANOTHER. PROVIDE 2"x4" (38x89) WOOD BLOCKING ON FLAT @ 3"-11" (1194) O.C. MAX. BETWEEN FLOOR JOISTS, WHEN NON-LOADBEARING WALLS ARE PARALLEL TO FLOOR JOISTS. 3A 3 1/2" (90) BRICK VENEER 1" (25) AR SPACE, 7/8"X"7"X.03" (22x180x0.76) GALV. METAL ITES (9) 16" (400) O.C. HORIZ, 24" (600) O.C. VERT. BONDING AND FASTENING FOR ITES TO CONFORM WITH 9.20.9. ON APPROVED ARRWATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNITAPED) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 3/8" (9.3) BYTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C. (9.23.10.1.) & SECTION 1.1. INSULATION AND 6 mill POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONTIN. AR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH, PROVIDE WEEF HOLES (9.32" (800) O.C. BOTTOM COURSE AND OVER OPENINGS, PROVIDE MASE FLASHING UP MIN. 6" (150) OVER RIGID INSULATION (9.20.13.6.) (REFER TO 33 NOTE AS REQUIRED) BRICK VENEER WAALL (9) GARAGE CONSTRUCTION 3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8"X"7"X.03" (22x180x0.76) 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 SHEATHING PAPER, 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 FRIISH, PROVIDE WEEP HOLES (9) 32" (800) O.C. AT BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP 6" (150) MIN. BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO 35 NOTE AS REQ.) SECTION 5.1., 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FRIISH, PROVIDE BASE FLASHING (10 6" (150) MIN. BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO CUNICHELE FOUTINGS SUPPORTING JOIST SPANS GREATER THAN 16:11 (4900) SHALL BE SIZED IN ACCORDANCE WITH 9, 15.3.4 (1), (2) OF THE O.B.C. (REFER TO CHART BELOW FOR RESPECTIVE SIZE). BRACE FOUNDATION WALL PRIOR TO BACKFILLING, ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OF 75KPA OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150KPA. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS SHAER REQUIRED, ACTUAL SOIL BEARING CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED, ACTUAL SOIL BEARING CAPACITY TO BE VERHFED WITH SOIL ENGINEERING REPORT. REFER TO CONSTRUCTION DRAWNINGS AND DETAILS FOR FOUNDATION WALL STRENGITH AND THICKNESS AND 9.15.4. FOUNDATION WALL SCHALL NOTE EXCRETE A 4.4. FOUNDATION WALL SCHALL NOTE A 4.4. FOUNDATION WALL SCHALL NOTE A 4.4. FOUNDATION WALL SCHALL NOTE A 4.4. FOUNDATION WALL SCHAL SUINING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS. FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 38° (9.5) EXT. GRADE SHEATHING ON STUDS. CONFORMING TO O.B.C (9.23.10.1) & SECTION 1.1. INSULATION, APPROVED 6 MIL. POLYETHYLENE AIRTVAPOLUS BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN. (GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35. NOTE AS REQ.) SIDING WALL CONSTRUCTION W/ CONTIN. INSULATION SIDING MATERIAL AS PER ELEVATION ATTACHED TO FIDDRING OF THE ENTIRE SLAB. (ISB-12) 3.1.1.7.(5) & (6)) EXPOSED FLOOR TO EXTERIOR (9.10.17.10., & CANVULC-S705.2) PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL FIN. SOFFIT OR CLADDING AS PER ELEVATION BETWEEN CANT. JOIST AND INSTALL FIN. SOFFIT OR CLADDING AS PER ELEVATION W/ L27) GYPSUM BOARD INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INSULATION BETWEEN CANT. JOIST AND INSTALL FIN. INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INSULATION BETWEEN CANT. JOIST AND INSTALL FIN. SIDING WALL CONSTRUCTION W/ CONTIN. INSULATION SIDING MATERIAL AS PER ELEVATION ATTACHED TO FIDDRING ON THE ENTIRE SLAB. (ISB-12) 3.1.1.7.(5) & (6)) EXPOSED FLOOR FLOOR TO EXTERIOR (9.10.17.10., & CANVULC-S705.2) EXPOSED FLOOR FLOOR TO EXTERIOR (9.10.17.10., & CANVULC-S705.2) EXPOSED FLOOR FLOOR TO EXTERIOR (9.10.17.10., & CANVULC-S705.2) EXPOSED FLOOR FLOOR TIME SUBJECT TO THE ENTIRE SLAB. (ISB-12) 3.1.1.7.(5) & (6)) EXPOSED FLOOR FLOOR TO EXTERIOR (9.10.17.10., & CANVULC-S705.2) EXPOSED FLOOR FLOOR TO EXTERIOR (9.10.17.10., & CANVULC-S705.2) EXPOSED FLOOR FLOOR TIME SUBJECT TO THE ENTIRE SLAB. (ISB-12) 3.1.1.7.(5) & (6)) EXPOSED FLOOR FLOOR TIME SUBJECT TO THE ENTIRE SLAB. (ISB-12) 3.1.1.7.(5) & (6)) NO. 210 (10.25 KG/M2) ASPHALT SHINGLES, 3/8" (9.5) PLYWOOD SHEATHING WITH "H" CLIPS, APPROVED WOOD TRUSSES @ 24" (610) C.C. MAX, APPROVED EAVES PROTECTION TO EXTEND 2"-11" (900) FROM EDGE OF ROOF AND MIN. 12" (305) BEYOND INNER FACE OF EXTERIOR WALL, 2"x4"(38X99) TRUSS BRACING @ 6"-0" (1830) C.C. AT BOTTOM CHORD, PREFIN, ALTUM. 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% OF REQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25% OF REQUIRED OPENINGS LOCATED AT BOTTOM OF SPACE & MIN. 25% OF REQUIRED OPENINGS LOCATED AT BOTTOM OF SPACE & MIN. 25% OF REQUIRED OPENINGS LOCATED AT BOTTOM OF SPACE, EAVESTROUGH OF SEA MUNICIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG EAVESTROUGH AND DOWN RWL. IEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON SHEATHING PAPER ON 30° (9.5) EXTERIOR TYPE SHEATHING ON JFORMING TO O.B.C (9.23.10.1) & SECTION 1.1.1/2" (12.7) GYPSUM DI NITERIOR FINISH. (GYPSUM SHEATHING, RIGID INSULATION AND D. SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING .)) (REFER TO 38 NOTE AS REQ.) EXPOSED CELLING TO EXTERIOR WY CONTIN. INSULATION FIGH AS PER ELEVATION ATTACHED TO FURRING MINBERS ON ARRAPTER ELEVATION ATTACHED TO FURRING MEBERS ON ARRAPTED, MECHANICALLY FASTENED AS PER LOUNTS. INTERED AS PER LOUNTS. UNTAPED) MECHANICALLY FASTENED AS PER LOUNT BE LEVATION SO 1.98 (2.9.23.10.1). & SECTION 1.1. INSULATION. APPROVED HIGHWAPOUR BARRIER, 1/2 (12.7) (4.95) (1.7) (4.95) (4.95) (1.7) (4.95 JOHN RESPECTIVE SIZE, BRACE FOLIMON. TO RESPECTIVE SIZE, BRACE FOLIMON. ACCORDANCE WITH 15.3.4 (1),(2) OF THE OP OR THE OP OF THE DAMPROOFED. THE TOP TO 2" BELOW GRADE. FOODE A DRAINAGE (1) OF THE COUNDATION WALL. SEAT THE DRAINAGE (2) OF THE OP TO 10 SEADE. PROVIDE A DRAINAGE (3) OF THE OP OF THE COUNDATION WALL. SEAT THE DRAINAGE LAYER THE TOP OF THE CONC. FOOTING SHALL BE DAMPROOFED. DOTINGS SUPPORTING JOIST SPANS GREATER THAN 16.1" (4900) ED IN ACCORDANCE WITH 9.15.3.4 (1),(2) OF THE O PACTED ENCANORY. ALL FOOTINGS SHALL REST OF THE O PACTED ENCANORY. |FORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) | MAX. HEIGHT FROM FIN. SLAB TO GRADE | SUPPORTED | SUPPORTED AT TOP)FILED AND/OR STEPPED AT RAISED COFFER/TRAY NGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD. WINGS AND DETAILS FOR FOUNDATION SS AND 9.15.4. T EXCEED 9-10" (3.0m) IN UNSUPPORTED JTED, 19.15.4.2 'rl 11 THO B.C. 9.27.3. ON EXTERIOR TYPE RIGID ANICALLY FASTENED AS PER ANICALLY FASTENED AS PER N.M. 3/8" (9.5) EXTERIOR TYPE SHEATHING, 0.1.) & SECTION 1.1... INSULATION AND 6.0.1.) & SECTION T.1... INSULATION AND 6.0.1.) AS PROVED CONT. AIR BARRIER. 1/2" 0" (3.0m) IN UNSUPPORTED O B C (9.23.10.1.) & BARRIER WITH P LEVEL SILL PLAIE WITCH FOUNDATION REDUCTION IN THICKNESS FOR JOISTS WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF FLOOR 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)) WEEPING TILE (9.14.3.) WEEPING TILE W/ FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER 4" (100) Ø WEEPING TILE W/ FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER BASEMENT SLAB OR SLAB ON 4" (100) COARSE GRANULAR FILL, OR 2000;51) CONC. WITH DAMPPROOFING BLOW SLAB, PROVIDE 1/2" (2000;51) CONC. TOTAL THE COLOR SLAB, PROVIDE 1/2" (2000;51) CONC. WITH DAMPPROOFING BLOW SLAB, PROVIDE 1/2" (2 4" (100) 32MPa (340ps) CONC. SLAB WITH 5-8% AIR ENTRANMENT ON OPT. 4" (100) 32MPa (340ps) CONC. SLAB WITH 5-8% AIR ENTRANMENT ON OPT. 4" (100) COARSE GRANUL/AR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT @ 1% MIN. GARAGE TO HOUSE WALLS/CEILING (9:10.9.16.) 1/2" (12.7) GYPSIJM BOARD ON WALL AND SELING BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CELLINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9:10.17.10, CANUUC-S705.2) GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION 1/2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED OVER EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED MICHARIOLALLY FASTENIED AS PERT MANUFACTURERY SPECIFICATIONS ON 3/8" EXTERIOR GRADE SHEATHING ON STUDS BETWEEN HOUSE AND GRAAGE, PLUS REQUIRED INSULATION IN WALLS & SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9:10.9.16., 9.10.17.10, CANUUC-S705.2) | NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL 31/2" (90)Ø x 0.188" (4.78) NON-ADJUSTABLE STEL COLUMN WITH 6%6%3/8" (152x162x4.5) STEEL TOP PLATE & 6%4%3/8" (152x160x3.5) BOTTOM PLATE. BASE PLATE 4-1/2"x10"x1/2" (120x250x12.7) WITH 2-1/2"Ø x 12" LONG x 2" HOOK ANCHORS (2-12.70%305x50). FIELD WELD COLUMN TO BASE PLATE & STEEL BM. 20 STEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.) BEAM POCKET OR 8''8" (200:200) POURED CONC. NB WALLS, MIN. BEARING 3 1/2' (90). WOOD STRAPPING AT STEEL BEAMS (9.23.4.3(3), 9.23.9.3.) 1"X3" (19:64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM. GARAGE SLAB (9.16., 9.35.) GARAGE SLAB (9.16., 9.35.) (15A) NON-ADJUSTABLE STEEL BASEMENT COLUMN 31/2" (90)Ø x 0.188" (4.78) NON-ADJUSTABLE STEFI COLUMN (2) (5A) GUARD HIGHTS - O.B.C. 9.8.8. NITERIOR GUARDS: 2-11" (900) MIN. (LESS THAN 5-11" (1800) TO GRADE) EXTERIOR GUARDS: 2-11" (900) MIN. (LESS THAN 5-11" (1800) TO GRADE) 3-6" (1070) MIN. (MORE THAN 5-11" (1800) TO GRADE) GUARDS FOR EXIT STAIRS: 3-0" (920) MIN. GUARDS FOR EXILONAS @ EXIT STAIRS: 3-6" (1070) MIN. GUARDS FOR FLOORS & RAMPS IN GARAGES (SERVICE STAIRS) FLOOR OR RAMP W/O EXTERIOR WALLS THAT IS 23 5/8" (800) OR MORE ABOVE ADJACENT SURFACE REQUIRES CONT. CURB MIN. 6" (150) HIGH, AND GUARD MIN. 3-6" (1070) HIGH. PRIVATE 7/18" (2001) 5 (125) 4" (355) 8 1/4" (210) 14" (355) 9 1/4" (235) 9 1/4" (2 REQUIRED GUARDS RELEVATION WORE THAN 23.50° (600) OR ADJACENT SURFACE WITH A DIFFERENCE IN ELEVATION WORE THAN 23.50° (600) OR ADJACENT SURFACE WITHIN 3-11° (1200) & WALKING SURFACE W/A SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 11. HANDRAIL HEIGHTS - O.B.C. 9.8.7. - REQUIRED AS PER 9.8.7.1.(3) MIN. HEIGHT AT STAIRS OR RAMP: 22-10° (865) MAX. HEIGHT AT STAIRS OR RAMP: 3-2° (965) MAX. HEIGHT AT LANDING: 3*6° (1070) STAIRS OR RAMP MIN. 7-3° (2200) WIDE: 2-9° (865) MIN. HEIGHT (152x1523.5) STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLUMN CONNECTION, POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 758Pa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150/Pa & SO PER SOILS REPORT. UPPORTING 2 STOREY FLR. LOAD PROVIDE 42*x42*x18** (1070x1070x460) CONC. FOOTIN UPPORTING 3 STOREY FLR. LOAD PROVIDE 42*x42*x18** (1070x1070x460) CONC. **GUARDS/FAILINGS** (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. A 20MPa (2900ps) CONC. WITH DAMPPROOFING BELOW SLAB. PROVIDE 1/2" 2.7) IMPERIOUS BOARD FOR BOND BREAK AT EDGE. (9.13.) WHERE A SEMENT SLAB IS WITHN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID SUL. AROUND THE PERIMETER EXTENDING MIN. 24" (610) BELOW GRADE. FOR AB ON GRADE CONDITIONS RIGID INSULATION SHALL BE APPLIED TO THE DERSIDE OF THE ENTIRE SLAB. ((SB-12) 3.1.1.7.(5) & (6)) "POSED FLOOR TO EXTERIOR "A 20.1.1.7. LL PLATE WITH 1/2" (12.7)Ø ANCHOR BOLTS 8" (200) LONG, N. 4" (100) INTO CONC. @ 7'-10" (2388) O.C., CAULKING OR GASKET TE AND TOP OF FOUNDATION WALL. USE NON-SHRINK GROUT TO NE WHEN REQUIRED (9.23.7.) TO THE FUUNDATION WALL IS REDUCED IN THICKNESS TO FALLATION OF MASONRY EXTERIOR FACING, THE REDUCED LED NOT LESS THAN 3 1/2" (90) THICK. THE BRICK VENEER SHALL FOUNDATION WALL WITH COORDOSION RESISTANT METAL TIES ERTICAL AND 2-11" (889) HORIZONTAL FILL VOID WITH MORTAR AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3)) TECHNING AND POLORIES. FLOOR FRAMING (9.23.35., 9.23.9.4.) 2.3.14.) TAG SUBFLOOR ON WOOD FLOOR JOSTS. FOR CERAMIC TILE APPLICATION SEE O.B.C. 9.30.6. ALL. JOSTS. WHERE REQUIRED TO BE BRIDGED WITH 2"%" (38.28) CROSS BRACING OR SOLID BLOCKING @ 6".11" (2108) O.C. MAX. ALL JOSTS TO BE STRAPPED WITH 1"%" (19.64) @ 6".11" (2108) O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED. HEADER CONSTRUCTION HEADER CONSTRUCTION HEADER HE SILL PLATE, ARQUIND THE RIM BOARD AND UNDER THE BOTTOM PLATE. THE HEADER WRAP SHALL EXTEND 6" (152) BELOW THE TOP OF FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE FOUNDATION WALL AND OVERLAP WITH THE VAPOUR BARRIER AND SEAL THE JOINT. ALL EDGES/JOINTS MUST BE MECHANICALLY CLAMPED. EXPOSED BUILDING FACE W/ LIMITING DISTANCE <= 3"-11" (1.20m) WALL ASSEMBLY CONTAINS INSULATION CONFORMINGT OCANUL C-5702 & HAVING A MASS OF NOT LESS THAN 1.22 KGM/2 OF WALL SUFFACE AND 1/2" (12.7) TYPE X A MASS OF NOT LESS THAN 1.22 KGM/2 OF WALL SUFFACE AND 1/2" (12.7) TYPE X DRYER EXHAUST (22) CAPPED DRYER EXHAUST VENTED TO EXT. CONFORMING TO PART 6, OBC 9.32. ATTIC ACCESS (9.19.2.1.) ATTIC ACCESS HATCH WITH MIN. AREA OF 0.32m2 AND NO DIM. LESS THAN 21 1/2" (645) WITH WEATHER STRIPPING. HATCHWAYS TO THE ATTIC OR ROOF SPACE WILL BE FITTED WITH DOORS OR COVERS AND WILL BE INSULATED WITH MIN. R20 (RSI 3.52) ((SB-12) 3.1.1.8.(1)) (24) 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. PARTY WALL BEARING (9.23.8) 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. (26) MECHANICAL VENTILATION (9.32.1.3.) MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR, TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR. SEE GENERAL NOTE 2.3. (39) (38) CONVENTIONAL ROOF FRAMING (9.23.13., 9.23.15.) 2'X6" (38X,140) RAFTERS @ 16" (406) O.C., 2"X6" (38X,184) RIDGE BOARD. 2"X4" (38X,89) COLLAR TIES AT MID-SPAN, CEILING, JOISTS TO BE 2"X4" (38X,89) O.C., FOR MAX., 9-3" (2819) SPAN & 2"X6" (38X,140) @ 16" (406) O.C., FOR MAX., SPAN, 14-2" (430), RAFTERS FOR BUILT UP ROOF OVER PRE-ENGINEERED ROOF TRUSSES AND OR CONVENTIONAL FRAMING TO BE 2"X4" (38X,89) @ 24" (610) O.C. UNLESS OTHERWISE SPECIFIED. (37) RANGE HOODS AND RANGE-TOP FANS COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST CONFORM TO ORC 9 10 22 9.32.3.9. & 9.32.3.10. 36 COLD CELLAR PORCH SLAB (9.39.) 32 FURNACE VENTING DIRECT VENT FIRMACE T 25 PROVIDE 4 SHELVES MIN. 14" (356) DEEP. (31) CONC. PORCH SLAB (9.16.4.) MIN. 4" (100) CONCRETE SLAB ON GRADE ON 4" (100) COARSE GRANULAR FILL, 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 (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" (3.38x140) 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 21 EXTERIOR AND GARAGE STEPS PRECAST CONC. STEP OR WOOD STEP WAX RISE 7 7/8" (200). MIN TREAD O 1/8" (200). (33) 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. STUDS ARE TO BE CONTINUOUS, C/M 3/8" (9.5) THICK EXTERIOR PLYWOOD STUDS SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 45" (1220) O.C. VERTICALLY. @ 45" (1220) O.C. VERTICALLY. FOR HORIZ. DISTANCES LESS THAN 9-6" (2896) PROVIDE 2"x6" (38x140) STUDS @ 15" (406) O.C. WITH CONTIN. 25"x6" (2-38x140) TOP PLATE + 1-2"x6" (1-38x140) BOTTOM PLATE & MIN OF 3-2"x6" (3-38x140) CONT. HACDER AT GROUND FLOOR CELLING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADERS. TWO STOREY VOLUME SPACES JRNACE VENTING (9.32.) THECT VENT FURNACE TERMINAL MIN. 3-0" (915) FROM A GAS REGULATOR. IN: 12" (305) ABOVE FIN. GRADE, FROM ALL OPENINGS, EXHAUST AND TAKE VENTS. HRV INTAKE TO BE A MIN. OF 6-0" (1830) FROM ALL EXHAUST RMINALS. REFER TO GAS UTILIZATION CODE. L'AST CONC. STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER. X RISE 7 7/8" (200), MIN. TREAD 9 1/4" (235). FOR THE REQUIRED NUMBER STEPS REFER TO STING AND GRADING DRAWINGS. EXTERIOR CONCRETE WITH WORE THAN 2 RISERS AND 2 TREADS SHALL BE PROVIDED WITH JUDATION AS REQUIRED BY ARTICLE 9.8.9.2. OR SHALL BE CANTILEVERED PER SUBSECTION 9.8.10. | 1 HR. PARTY WALL (CONC. BLOCK) (ISB-3) WALL TYPE '86e' & '81b') | 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"X2" (38x38) VERTICAL WD. STRAPPING @ 24" (610) O.C. ON 8" (200) CONC. BLOCK FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS, TAPE FILL & SAND ALL GYPSUM JOINTS. EXPOSED BLOCK MUST BE SEALED W/2 COATS OF PAINT OR FURRED WITH 2"x2" (38x38) WD. STRAPPING & 1/2" (12.7) GYPSUM SHEATHING. | 1 HR. PARTY WALL (DOUBLE STUD) (ISB-3) WALL TYPE W13c) | 5/8" (15.9) TYPE W GYPSUM SHEATHING ON EXTERIOR SIDE OF 2 ROWS OF 25/4" (38x39) SILL PATES, (2"x6" (38x140) AS REQUIRED) FILL ONE SIDE OF STUD CAVITY WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS, TAPE FILL AND SAND ALL GYPSUM JOINTS. cont. SECTION 1.0. CONSTRUCTION NOTES STUCCO FINISH CONFORMING TO D.B.C. SECTION 9.28. AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BOARD ON STUDS CONFORMING TO O.B.C. (9.23.10.1). & SECTION 1.1., INSULATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED) STUCCO HINISH CONFORMING TO O.B.C. SECTION 9.28. AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON APPROVED BARMET AS PER O.B.C. 9.27.3 ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNITAPED) MECHANICALLY FASTENED AS PER NANUFACTURERS SPECIFICATIONS, ON 7/16" EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C. (9.23.10.1). & SECTION 1.1. INSULATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. INISH. (REFER TO 35 NOTE AS REQUIRED) STUCCO WALL @ GARAAGE CONST. MANUFACTI IREPS CONFORMING TO O.B.C. SECTION 1.1. MANUFACTI IREPS CONFORMING **47** (<u>418</u>) (41A) 4 **40**A 46 **45 & 42 4** SLOPED CEILING CONSTRUCTION SLOPED CEILING CONSTRUCTION SNE212.11.7., 923.4.2.) 2Y12" (38x286) ROOF, JOISTS @ 18" (406) O.C. MAX, (UNLESS OTHERWISE NOTED) W/ 2'x2" (38x38) PURLINS @ 18" (406) O.C. PERPENDICULAR TO ROOF, JOIST (PURLINS NOT REC. W. SPRAY FOAM), W. INSULATION BETWEEN JOIST, 6 mil POLYETHYLEINE VAPOUR BARRIER 12" (12.7) GYPSUM WALLBOARD INT. FINISH OR APPROVED EC. INSULATION VALUE DIRECTLY ABOVE THE INNER SURFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 RSI). **2 HR. FIREWALL** ((SB-3) WALL TYPE 'B&e' & 'B1b') 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"%2" (38x38) VERTICAL WOOD STRAPPING @ 24" (610) O.C ON 8" (200) CONC. BLOCK 75% SOLD. FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPETIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE, FILL & SAND ALL GYPSUM JOINTS, AT UNFINISHED AREAS, EXTERIOR FACE OF CONC. BLOCK TO BE SEALED WITH 2 COATS OF PAINT. GYPSUM SHEATHING TO BE ATTACHED TO CONC. BLOCK, (REFER TO DETAILS) BARREL VAULT CONSTRUCTION CANTILEVERED 2"x4" (38x89) SPACERS LAID FLAT ON 2"x10" (38x235) SPR. #2 ROOF JOIST NAILED TO BUILT-UP 3-3/4" (19) PLYWOOD HEADER PROFILED FOR BARREL SPRAY FOAM INSULATION BETWEEN JOISTS W/ GYPSUM BOARD. INTERIOR FIN. (REFER TO DETAILS) PT. SLEEPERS @ 12" (305) O.C. LAID FLAT PERPENDICULAR TO JOISTS BALCONY OVER HEATED SPACE CONDITION SEE FLAT ROOFBALCOMY CONSTRUCTION NOTE FOR ASSEMBLY, REFER TO PLANS FOR FLOOR JOIST SIZE & REFER TO HEX NOTE 9 FOR INSULATION AND INTERIOR FINISH NFORCING AT STAIRS AND SUNKEN FLOOR AREAS IN TOP PORTION OF WALL (IP "O" OPENING) MEARS IN TOP PORTION OF WALL (80" TO 10"-0" OPENING) MEARS IN TOP PORTION OF WALL (10"-0" TO 15"-0" OPENING) MEARS IN TOP PORTION OF WALL (10"-0" TO 15"-0" OPENING) AS STACKED VERTICALLY AT INTERIOR FACE OF WALL JD WALL REINFORCEMENT WIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM FORMING TO O.B.C. (9.5.2.3.(1) AND 3.8.3.8.(3)) (REFER TO DETAILS) CORCING AT BASEMENT WINDOWS A HORIZ. REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE MATION WALL BELOW THE WIN. SILL. EXTEND BARS 24" (610) BEYOND DPENING, 2-15M VERTICAL REINFORCING ON THE INSIDE AND OUTSIDE OF THE FOUNDATION WALL ON EACH SIDE OF THE WINDOW OPENING, IS TO HAVE MIN. 2" (50) CONC. COVER IS TO EXTEND 2-0" (610) BEYOND BOTH SIDES OF OPENING PING MEMBRANE (9.26.11, 9.26.15, 9.26.16) FULLY ADHERED TO 5/8" XTERIOR GRADE PLYWOOD SHEATHING ON 2"X2" (38x38) PURLINS WARDS SCUPPER @ 2% MINIMUM LAID PERPENDICULAR TO 2"X8" POOR JOISTS @ 16" (406) O.C. (UNILESS OTHERWISE NOTED). BUILT UP OR JOISTS @ 16" (406) O.C. (UNILESS OTHERWISE NOTED). BUILT UP OR JOIN ABOVE FINISHED BALCOWY FLOOR, CONTINUOUS L'ED 24" (100) MIN. ABOVE FINISHED BALCOWY FLOOR CONTINUOUS L'ED 24" (610) MIN. AWAY FROM HOUSE. PREFINISHED ALLMINUM OR JNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE REQ. XNSTRUCTION NOTE. INCLUDE 2"x4" (38x89) PT. LAID FLAT PARALLEL TO JOISTS ON 2"x4" (38x89) N.C. LAID FLAT PERPENDICULAR TO JOISTS

(3B)

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(<u>a</u>)

2B

ECTION 9.28. AND APPLIED PER 1 1/2" (38) E.F.L.S (MINIMUM) ON NENSGLASS GOLD GYPSUM BRD. ON & SECTION 1.1., 1/2" (12.7) GYPSUM

SECTION 1.1. WALL STUDS

AZE & SPACING AS REQUIRED FOR EXTERIOR ADDING PLAN OF THIS UNIT FOR CONFIRMATION ADDITIONAL INFORMATION. JNSUPPORTED HEIGHT, WALL NEEDS TO BE

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(d

2

ROYAL PINE HOMES - 215044	CONSTRUCTION	

2.3. MECHANICAL / PLUMBING

1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGE PER HOUR
IF NOT AIR CONDITIONED 1 PER HOUR IF AIR CONDITIONED AVERAGED OVER 24
HOURS. WHEN A VENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED, CONFORM
TO OBC 9.23.24. WHEN A HRV IS REQUIRED, CONFORM TO 9.32.3.11. REFER TO
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) DBAN WATER HEAT RECOVERY UNIT(S) WILL BE INSTALLED CONFORMING TO THE
REQUIREMENTS OF 3.1.1.12. OF THE O.B.C. **SECTION 2.0. GENERAL NOTES** SECTION 3.0. LEGEND 2.10. ULC SPECIFIED ASSEMBLIES
ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY "U.C. LISTED ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY "U.C. LISTED ASSEMBLY", SPECIFIED WITHIN THESE DRAWNINGS, CANNOT BE ALTERED OR SUBSTITUTED FOR ANY OTHER MATERIAL/PRODUCT OR SPECIFIED MANUFACTURER THAT IS IDENTIFIED IN THAT SPECIFIED U.C. LISTING: THERE SHALL BE NO DEVATIONS UNDER ANY CIRCUMSTANCES IN ANY "U.C. LISTED ASSEMBLY" IDENTIFIED IN THESE DRAWNINGS. 2.0 NEAT ARCHES
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.
2) FOR 10'-0" (3040) CEILINGS, FLAT ARCHES SHALL BE 8'-6" (2600) A.F.F. 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 MANULACTURER.

5) JOST HANGERS: PROMITE ADDONATO MATER. 2.9. GRADING
1) THE BUILDING SHALL BE LOCATED OR THE BUILDING SITE GRADED SO THE WATER
1) THE BUILDING SHALL BE LOCATED OR THE BUILDING AND WILL NOT ADVERSELY
WILL NOT ACCUMULATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY
AFFECT ADJACENT PROPERTIES. CONFORM TO 9.14.6. 2.7. ROOF OVERHANGS
1) ALL ROOF OVERHANGS SHALL BE 1-0" (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. 2.5. STEEL (9.23.4.3.)
2.5. STEEL (9.23.4.3.)
1) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. HOLLOW STRUCT. SECTIONS SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W CLASS "H".
2) REINFORCING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R. 5) JOIST HANGERS: PROVIDE APPROVED METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS INTERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS.

8) WOOD FRAMING NOT TREATED WITH A WOOD PRESENATIVE, IN CONTACT WITH CONCRETE, SHALL BE SEPARATED FROM THE CONC. BY AT LEAST 2 mil POLYETHYLENE FLM, NO.50 (4516s) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE GROUND. 2.2. CEILING HEIGHTS
THE CEILING HEIGHTS OF RO ROOM OR SPACE LIVING ROOM, DINING ROOM AND KITCHEN 3.1. WOOD LINTELS AND BUILT-UP WOOD (DIVISION B PART 9. TABLES AS TO A10 AND A12, A15 & A16) BASEMENT 3.2. STEEL LINTELS SUPPORTING MASONRY VENEER (DIVISION B PART 9. TABLE 9.20.5.2.B.)
FORMING PART OF SENTENCE O ON 5 O ON IGUARDS: A GUARD OR A WINDOW WITH A MAXIMUM RESTRICTED WIDTH OF 4" (100) IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS ESS THAN 1:-7" (480) ABOVE FIN. FLOOR AND THE DISTANCE FROM THE LOOR TO THE ADJACENT GRADE IS GREATER THAN 5:-11" (1800). [9.8.1.) SIN EXIT STAIRWAYS THAT EXTEND TO LESS THAN 2:-11" (900) [3:-6" (1070) THER BUILDINGS! SHALL BE PROTECTED BY GUARDS IN ACCORDANCE #2 (ABOVE). OR THE WINDOW SHALL BE NON-OPERABLE AND DESIGNED AND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN 9.8.1.) TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1.

ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1.

MINIMUM HEIGHTS

7-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 6:11" AT ANY POINT

7-7" OVER 45.0 OF REQUIRED FLOOR AREA OVER ALL OF THE REQUIRED FLOOR AREA.

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".

6:11" IN ANY AREA WHERE A PERSON WOULD NORMALLY BE STANDING 6-11" ABOVE & BELOW FLOOR ASSEMBLY (9.5.3.2.) 6-7" (9.5.3.3.) 8 8 8 ■ SA SMOKE ALARM (9.10.19)

■ SA SMOKE ALARM (9.10.19)

PROVIDE ONE PER FLOOR, NEAR THE STAIRS CONNECTING THE FLOOR LEVEL ALARMS ENE ARE TO BE INSTALLED IN EACH SLEEPING ROOM AND IN A LOCATION BETWEEN SLEEPING ROOMS AND CONNECTING HALLWAYS AND WIRED TO BE INTERCONNECTED TO ACTIVATE ALL ALARMS IF ONE SOUNDS, ALARMS SARE TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP, ALARM SIGNAL SHALL MEET TEMPOPAL SOUND PATTERNS MIN. ALARMS SHALL HAVE A VISUAL SIGNALLING COMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72". SECTION 4.0. CLIMATIC DATA
DESIGN SNOW LOAD (9.4.2.2.):
WIND LOAD (q50) (SB-1.2.): **(** W SB SOLID BEARING (BUILT-UP WOOD COLUMNS AND STUD POSTS)

THE WIDTH OF A WOOD COLUMN SHALL NOT BE LESS THAN THAN THE WIDTH OF SUPPORTED MEMBER, BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH NOT LESS THAN 3′ (76) NAILS SPACED NOT MORE THAN 11 3/4″ (300) O.C. THE NUMBER OF STUDS IN A WALL DIRECTLY BELOW A GIRDER THUSS OR ROOF BEAM SHALL CONFORM TO TABLES A-34 TO A-37. (9.17.4., 9.23.10.7.) WWWWW EXPOSED BUILDING FACE -0.B.C. 9.10.14. OR 9.10.15.
REFER TO HEX NOTE 35. & DETAILS FOR TYPE AND SPECIFICATIONS. **(** + CMD CARBON MONOXIDE ALARM (9.33) ONFORMING TO CAN/CGA-6.19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH WELLING UNIT ADJACENT TO EACH SLEEPING AREA, CARBON MONOXIDE ALARM(S) HALL BE PERMANENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS UDIBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED. LIGHT FIXTURE (PULL CHAIN) CABLE T.V. JACK ROUGH IN FOR ELECTRIC VEHICLE CHARGING STATION (9.34.4) HEAVY DUTY OUTLET DUPLEX OUTLET (12" HIGH) CLASS B' VENT VARYING PLATES, BUILT-OUT FLOORS, BEARING WALLS, ICE & WATER SHIELD TWO STOREY VOLUME SPACE. SEE CONSTRUCTION NOTE 39. \$ ф Ø E THE PROPERTY OF H.D.A.I.
ICATIONS AND TO CONFORM TO THE
AND AUTHORITIES HAVING JURISDICTION
CATIONS, ONT. REG. 332/12. TELEPHONE JACK CHANDELIER (CEILING MOUNTED) LIGHT FIXTURE (CEILING MOUNTED 2 HR. FIREWALL REFER TO HEX NOTE 40A. PROVIDE 8'-0" HIGH INTERIOR DOORS FOR ALL 10' CEILING CONDITIONS

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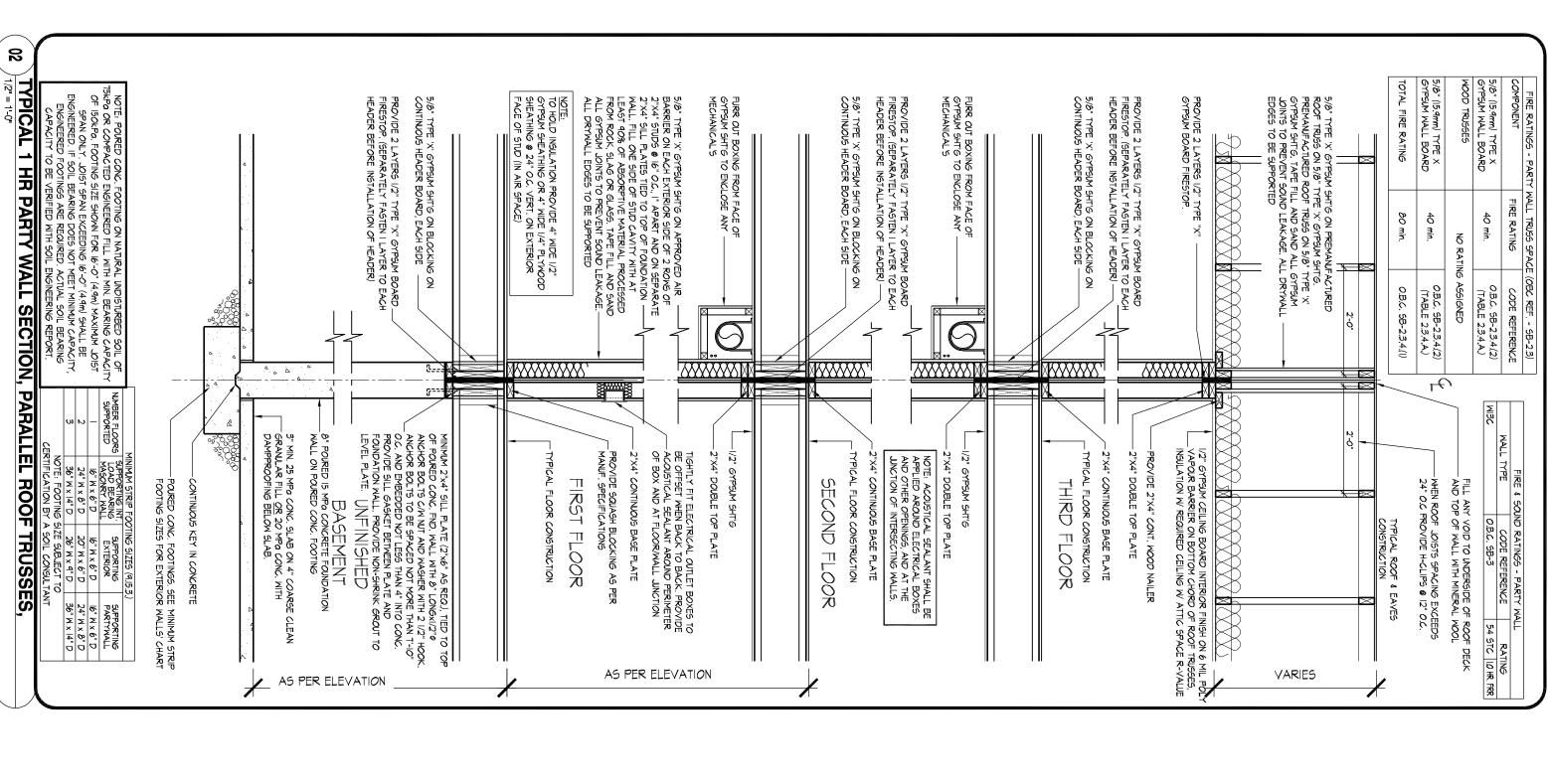
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FORESTSIDE ESTATES PH 6, BRAMPTON, ONT.

Dawn By Scale

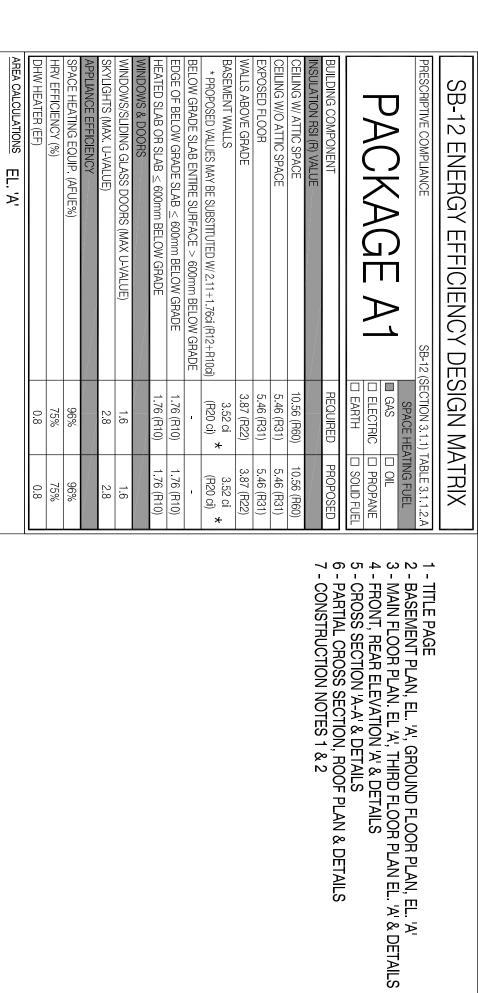
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COVERAGE W/ PORCH

12 sq. ft.
2502 sq. ft.
(232.44 sq. m.)
945 sq. ft.
(87.79 sq. m.)
1115 sq. ft.
(103.59 sq. m.)
EL. 'A'
STD. PLAN
4017 sq. ft.
(373.19 sq. m.)
290 sq. ft.
(26.94 sq. m.)
7.22 %

DEDUCT ALL OPEN AREAS
TOTAL NET AREA

HIRD FLOOR AREA ROUND FLOOR AREA AIN FLOOR AREA

551 sq. ft. 945 sq. ft. 1018 sq. ft. 2514 sq. ft.

GROSS WINDOW AREA (INCL. GLASS DOORS & SKYLIGHTS) TOTAL WINDOW %

GROSS WALL AREA



6. ISSUED FOR FINAL APPROVAL
5. REVISED AS PER ARCHITECTURAL CONTROL COMMENTS
4. REVISED AS PER STRUCTURAL ENGINEER COMMENTS
3. COORDINATE AS PER ROOF TRUSS & FLOOR MANUFACTURE PLANS
2. REVISED AS PER CLIENT'S COMMENTS (2018)
1. ISSUED FOR CLIENT REVIEW

REV.2018.10.19 2018.04.03 DATE (YYYY/MM/DD)

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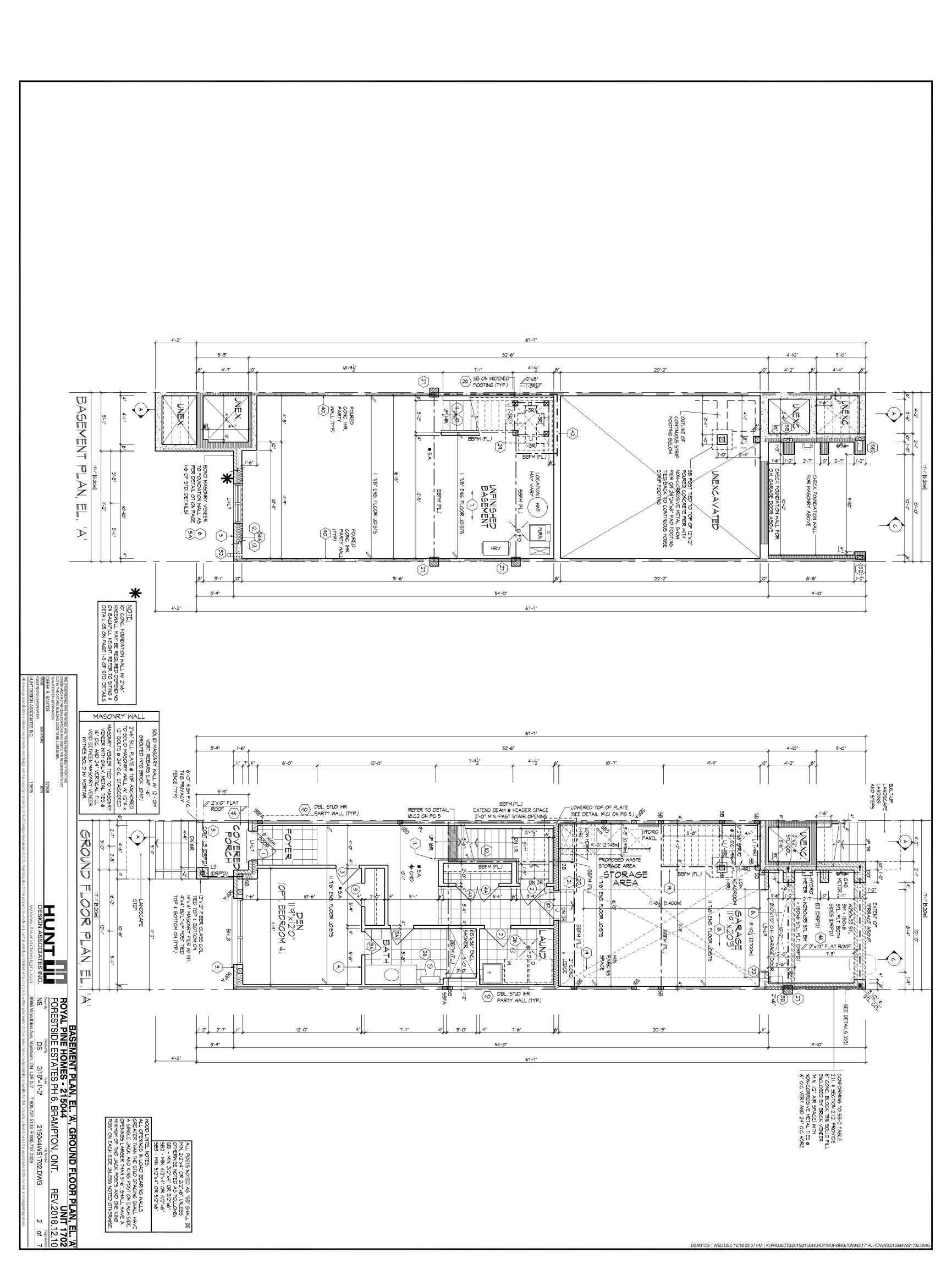
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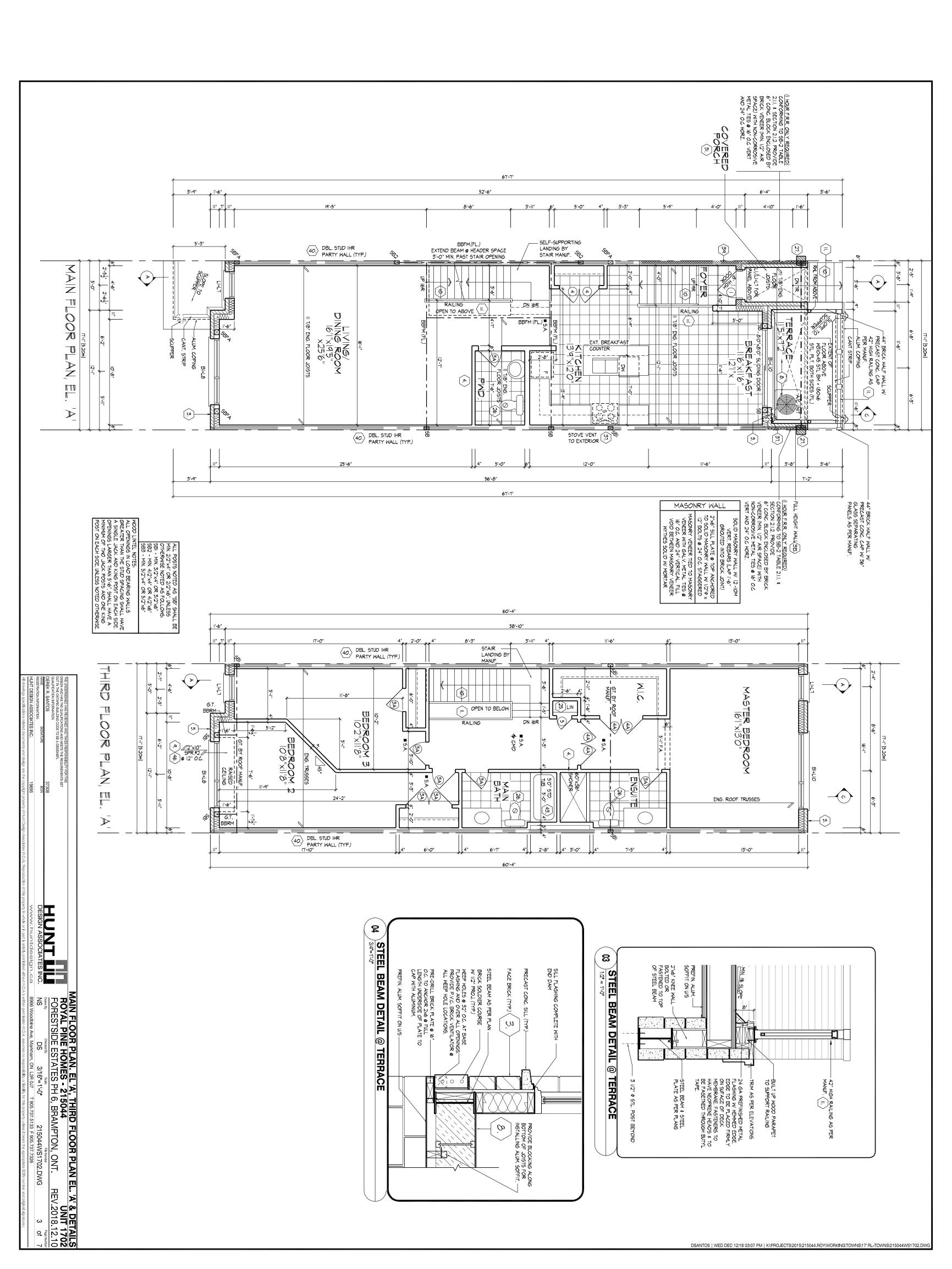
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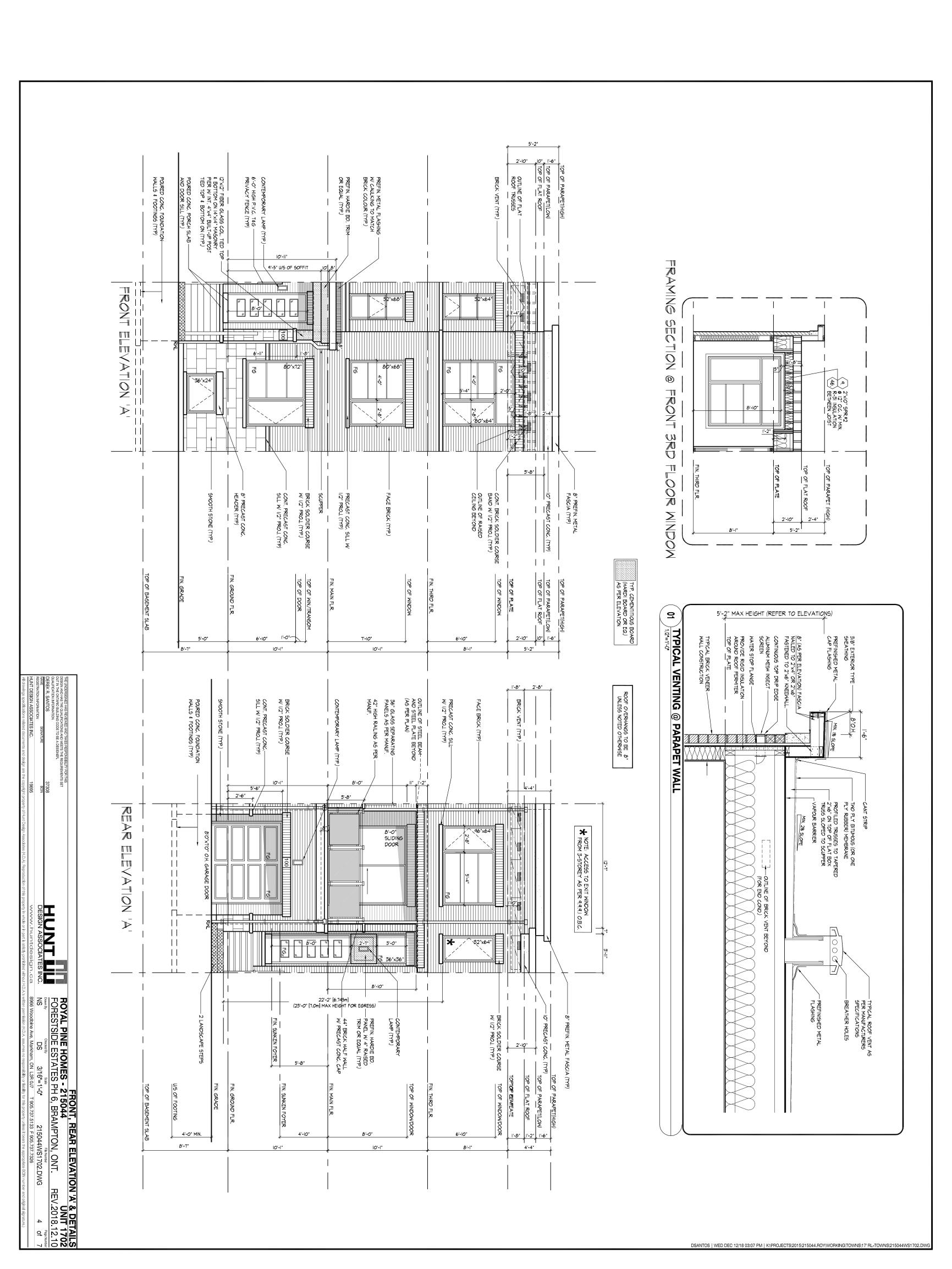
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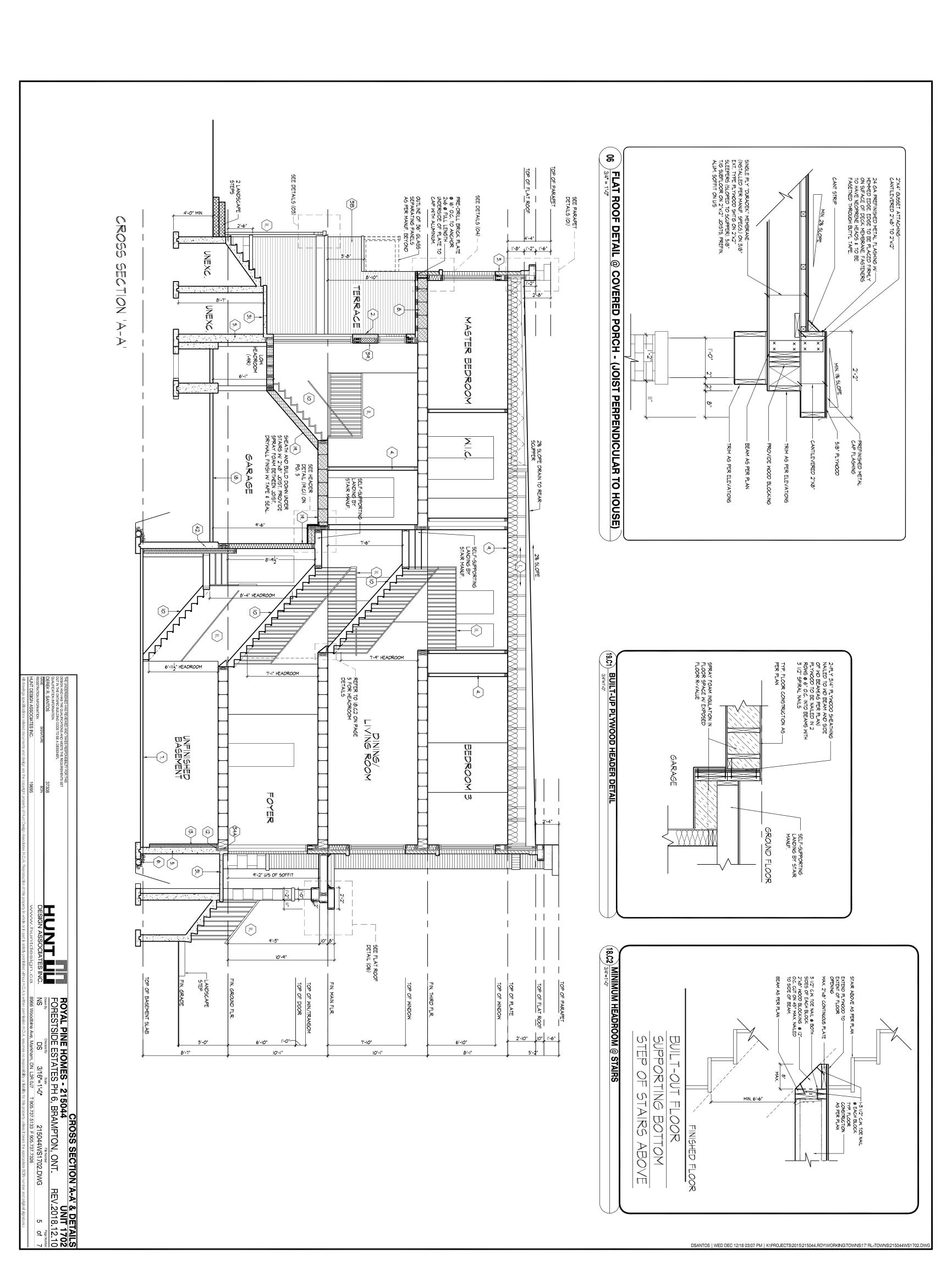
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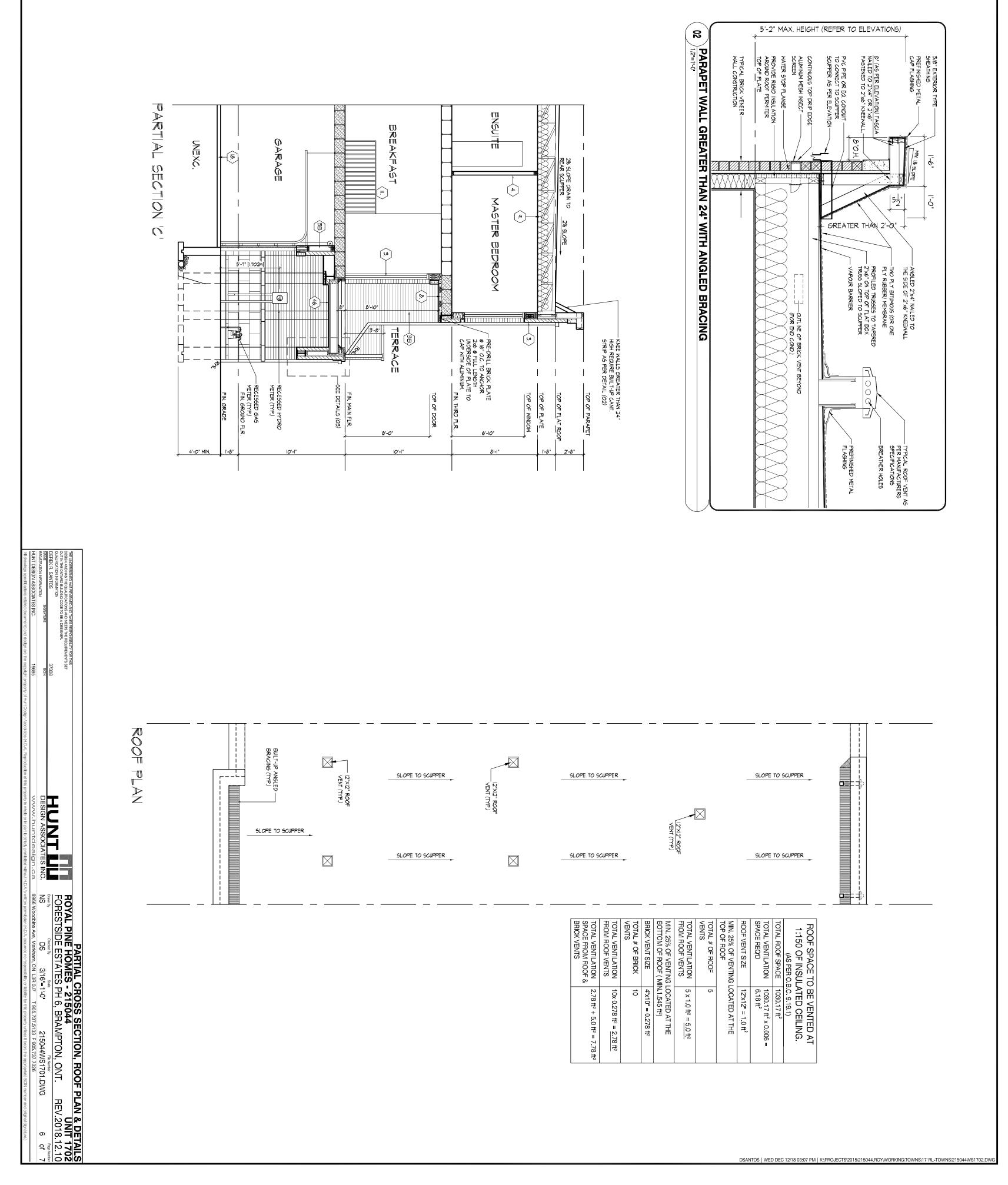
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BRICK VENUEER WALL CONSTRUCTION W/ CONTIN. INSULATION 3 1/2" (90) BRICK VENUEER 1" (25) AIR SPACE 7/8*X"***(0.03" (22x180x0.76) GALV METAL TIES (9) 18" (400) O.C. HORIZ 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9,209, ON APPROVED AIR/WAITER BARRIER AS PER O.B.C. 9,27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 398" (9,5) EXTENIOR 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 INTERIOR FINISH, PROVIDE WEEP HOLES (9.22" (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) SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS, FURRING MEMBERS OR 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, 8. SECTION 1.1., INSULATION, APPROVED 6 MIL POLYETHYLENE ARPWAPOUR BAPRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN. (GYPSUM SHEATHING, RIGID INSULATION, AND HIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.) SIDING WALL CONSTRUCTION W/ CONTIN. INSULATION SIDING MATERIAL AS PER ELEVATION ATTACHED TO FI IDDING NATURE OF ADDRESS O EXT. LOFT WALL CONSTRUCTION - NO CLADDING (4A) BEXT. LOFT WALL CONSTRUCTION - NO CLADDING (5ECTION 1.1, INSULATION AND 6 mil POLYENHYLENE VAPOUR BA APPROVED CONIT. AIR BARRIER, 1/2" (12.7) GYPSI IM MANAGEMENT TO APPLICATION OF TAXABLE PROPERTY. AIR STATEMENT OF TAXABLE PROVED CONIT. AIR BARRIER, 1/2" (12.7) GYPSI IM MANAGEMENT OF TAXABLE PROVED CONIT. AIR BARRIER, 1/2" (12.7) GYPSI IM MANAGEMENT. LOFT WALL. | INTERIOR STUD PARTITIONS | (9.23.9.8., 9.23.10) | BEARING PARTITIONS SHALL BE A MINIMUM 2"x4" (38x89) @ 16" (406) O.C. FOR 2 STOREY AND 12" (305) O.C. FOR 3 STOREY, NON-BEARING PARTITIONS 2"x4" (38x89) PATE AND 2-2"x4" (23x89) TOP PLATE. 1/2" (12.7) INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 2"x6" (38x440) STUDS, WHERE NOTED, PROVIDE 2"x4" (38x89) @ 24" (610) O.C. LADDER FRAMING WHERE WALLS INTERSECT PERPENDICULAR TO ONE ANOTHER. PROVIDE 2"x4" (38x89) WOOD BLOCKING ON FLAT @ 3"1" (1794) O.C. MAX. BETWEEN FLOOR JOISTS. JOISTS WHEN NON-LOADBEARING WALLS ARE PARALLEL TO FLOOR JOISTS. BRICK VENEER WALL @ GARAGE CONSTRUCTION 3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8",7">(3.2" (25) 1800.76) GALV. METAL TIES @ 16" (400) O.C. HORIZ, 24" (600) O.C. VERT, BONDING AND FASTENING FOR TIES TO CONFORM WITH 9,20.9, ON APPROVED SHEAT-HING 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) GYPSON WALLBOARD INTERIOR FINISH, PROVIDE WEEP HOLES @ 32" (800) O.C. AT BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP 8" (150) MIN. BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO 35 NOTE AS SECO) SIDING WALL CONSTRUCTION SIDING MATERIAL AS PER FI FVATION AT PROVIDE ICE AND WATER SHIELD 5 POUNDATION WALL/FOOTINGS POURED CONC. FOUNDATION WALL AS 4B EXT. LOFT WALL CONSTRUCTION - NO CLADDING W/ CONTINUOUS INSULATION **2B** PROFILED ROOF TRUSSES (1B) ROOF TRUSSES SHALL BE PROFILED AUD/OR STEPPED AT RAISED COFFER/TRAY CEILINGS. ANGLED TRAY CEILINGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD. 1 ROOF CONSTRUCTION (9: NO. 210 (10.25 KG/M2) ASPHALT S AND BRUSH CONTINUOUS SHALL EXTEND NOT LESS AND BRUSH CONTINUOUS SHALL BE DAMPROOFED FROM THE TOP OF THE FOUNDATION WALL SHALL EXTEND NOT LESS AND BRUSH COAT FROM THE TOP TO 2" BELOW GRADE FOR THE FOUNDATION WALL SEAL THE DRAINAGE LAYER ON THE OUTSIDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE LAYER ON THE OUTSIDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE LAYER AT THE TOP, THE TOP OF THE CONC. FOOTING SHALL BE DAMPROOFED. CONCRETE FOOTINGS SUPPORTING JOIST SPANS GREATER THAN 16-1" (4900) SHALL BE SIZED IN ACCORDANCE WITH 9.13.4 (1),(2) OF THE O.B.C. (FREER TO CHART BELOW FOR RESPECTIVE SIZE). BRACE FOUNDATION WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OF 75KPA OR COMPACTED ENGINEERED FILL WITH MIN BEARING CAPACITY OF 150KPB. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL ENGINEERING REPORT. REFER TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION WALL STRENGTH AND THICKNESS AND 9.15.4. FOUNDATION WALLS SHALL NOT EXCEED 9.10" (3 nm.) UNREINFORCED SOLD OF THE OURSE NOTED. 19, 15 "." 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. 2AVESTROUGH 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 MOREOUSE ONTO CONCRETE SPLASH PADS OR PER MUNICIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG FAVESTROUGH WAID NOWN RWI SIDING WALL @ GARAGE CONSTRUCTION SIDING MATERIAL AS PER ELEVATION ATTACHED TO THE THE TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION ULSTRENGTH AND HICKNESS AND 9.15.4. UNDATION WALLS SHALL NOT EXCEED 9-10" (3.0m) IN UNSUPPORTED GHT UNLESS OTHERWISE NOTED. [9.15.4.2.1.] UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) MAX HEIGHT FROM FIN. SLAB TO GRADE WASH HIGHT FROM FIN. SLAB TO GRADE UNSUPPORTED SUPPORTED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) WASH HIGHT FROM FIN. SLAB TO GRADE UNSUPPORTED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) AT TOP SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) WASH HIGHT FROM FIN. SLAB TO GRADE SUPPORTED AT TOP 4.71" (1.20m) 7-0" (2.15m) 7-0" (2.15m) 8-2" (2.50m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-2" (2.55m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) WATERIAL AS PER ELEVATION ATTACHED TO FURRING MEMBERS ON ED ARWATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID ION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER CTURERS SPECIFICATIONS ON 3/8" (9.5) EXT. GRADE SHEATHING ON O.D.B.C. (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED LYFETHYLENE AIRWAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD (GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE DIT THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.) R SPACE 7(8"X"70,00" (22X180x0.76) GALV. METAL TIES 1.C. VERT. BONDING AND FASTENING FOR TIES TO WED SHEAT-ING PAPER, 30" (9.5) EXTERIOR TYPE 1 TO D.B.C. (9.23 1.1.1), & SECTION 1.1. INSULATION 8 BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/2" (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100 FINISH OTHER) (100 FINISH OTHER) SPER O.B.C. 9,27.3. ON EXTERIOR TYPE RIGID IECHANICALLY FASTENED AS PER VS. ON 38" (9.5) EXTERIOR TYPE SHEATHING, 23,10.1.) & SECTION 1.1., INSULATION AND 6 IEER WITH APPROVED CONT. AIR BARRIER. 1/2" INISH. (9,23.) TO O.B.C (9.23.10.1.) & RARRIER WITH AND INT. FINISH. (9.23.) SILHES OH HAMIT MINL 7-5" (2200) MIDEL 2-5" (2000) LONG, SILL PLATES 12 2"4" (38x89) SILL PLATE MITH 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.) BASEMENT INSULATION (183-12) 3.1.1.7) G 13 BASEMENT INSULATION (183-12) 3.1.1.7) BETWEEN PLATE WHEN REQUIRED (9.23.7.) PROVIDE CONTINUOUS BLANKET INSULATION WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED (9.23.7.) BASEMENT INSULATION (183-12) 3.1.1.7) BASEMENT INSULATION (183-12) 3.1.1.7) BASEMENT INSULATION (183-12) 3.1.1.7) BEARING STUD PARTITION (183-12) 3.1.1.7) ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3 4.) 15 ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3 4.) 15 ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3 4.) 16 '9'-10" (3000) MAX. SPAN BETWEEN COLUMNS. 3 1/2" (90)Ø SINGLE TUBE ADJUSTABLE STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLUMN CONNECTION. POURED CONCRETTE FOOTING ON MATURAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa AS PER SOILS REPORT. SUPPORTING 2 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3" (80) MIN. 25MPa (3600psi) CONC. SLAB ON 4" (100) CARSES GRANULAR FILL, OR 20MPa (2900psi) CONC. WITH DAMPPROOFING BELOW SLAB. PROVIDE 1/2" (12.7) IMPERVIOUS BOARD FOR BOND BREAK AT EDGE. (9.13.) WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID INSUL AROUND THE PERIIMETER EXTENDING MIN. 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)) EXPOSED FLOOR TO EXTERIOR (9.10.17.10, & CANVILC-S705.2) PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL FIN. SOFFIT OR CLADDING AS PER ELEVATION TO U/S OF EXPOSED CANT. JOIST. SOFFIT OR CLADDING AS PER ELEVATION W/ ATTIC (9.25.2.4) INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INTERIOR FINISH OR APPROVED EQ. (ढ) PERMIT THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF FLOOR 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)) WEEPING TILE (9.14.3.) 4" (100) Ø WEEPING TILE W FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER BASEMENT SLAB OR SLAB ON GRADE (9.16.4.3.) 3" (80) MIN. 25MPa (3600Dsi) CONC SLAB ON GRADE (9.16.4.3.) TEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.) (16) BEAM POCKET OR 8%" (2002200) POURED CONC. NB WALLS, MIN. BEARING 3 1/2" (90). (17) WOOD STRAPPING AT STEEL BEAMS (9.23.4.3.(3), 9.23.9.3.) (18) 4" (190,64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM. (18) GARAGE SLAB (9.16. 9.35.) (18) 4" (100) 32NPA (6640ps) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL 3 1/2" (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"x1/2" (120x250x12.7) WITH 2-1/2"0 x 12" LONG x 2" HOOK ANCHORS (2-12.70"x305x50). FIELD WELD COLUMN TO BASE PLATE & STEEL BM. NON-ADJUSTABLE STEEL BASEMENT COLUMN 3 1/2" [90]Ø x 0.188" (4.78) NON-ADJUSTABLE STEEL COLLIMN V (5A) 20 FOUNDATION REDUCTION IN THICKNESS FOR JOISTS WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNE PERMIT THE INSTALLATION OF FLOOR JOISTS, THE REDUCED SECTION NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK GUARD HIGHTS - O.B.C. 9.8.8. NITERIOR GUARDS: 2-11" (900) MIN. (LESS THAN 5-11" (1800) TO GRADE) EXTERIOR GUARDS: 2-11" (900) MIN. (MORE THAN 5-11" (1800) TO GRADE) GUARDS FOR EXIT STAIRS: 3-0" (920) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-6" (1070) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-6" (1070) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-6" (1070) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-5" (1000) OR MORE ABOVE ADJACENT SURFACE REQUIRES CONT. CURB MIN. 6" (150) HIGH, AND GUARD MIN. 3-6" (1070) HIGH. REQUIRED GUARDS BETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN BETWEEN WALKING SURFACE WAS SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 11. HANDRAL HEIGHTS - O.B.C. 9.8.7. - REQUIRED AS PER 9.8.7.1.(3) MIN. HEIGHT AT STAIRS OR RAMP: 3-2" (965) MAX. HEIGHT AT STAIRS OR RAMP: 3-2" (965) MAX. HEIGHT AT LANDING: 3-6" (1070) STAIRS OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. 7-3" (2200) WIDE 18) 4" (100) 32MPa (4640ps) CONC. SLAB WITH 5-8% AIR ENTRANMENT ON OPT. 4" (100) COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT @ 1% MIN. 19) 102" (12.7) GYPSUM BOARD ON WALLAND 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, CANVILC-S705.2) GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION 19A) 1/2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED OVER EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS ON 3/8" 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. (9.10.17.10, CANVILC-S705.2) | OUSTS/TRUSSES AS PER PLANS W 2*2" (383.38) PURLINS @ 16" (406) O.C. PERPENDICULAR TO JOISTS (PURLINS NOT REQ. W/ SPRAY FOAM OR ROOF TRUSSES), W/ INSULATION BETWEEN JOIST, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) (28) | WINSULATION BETWEEN JOIST, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) (1 PRIVATE 2-10" (660) MIN. RUN. 578" (150) MAX. NOSING 1" (25) PUBLIC 2-11" (600) MIN. AVG. RUN 77/8" (200) MAX. NOSING 1" (25) PUBLIC 2-11" (600) MIN. AVG. RUN 77/8" (200) *** 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 8-6" (33) 4" (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. (152X152X9.5) STEEL PLATE TOP & BOTTOM, HELD WELD BASEMENT COLLUMN WITH 6"X6"X3/8" CONNECTION. POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 75KPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150KPa AS PER SOILS REPORT. SUPPORTING 2 STOREY FLR. LOAD PROVIDE 42"X42"X18" (1070x1070x460) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 48"X48"X20" (1070x1070x460) CONC. FOUNDATION REDUCTION IN THICKNESS FOR MASONRY WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS T PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING. THE REDUCED SECTION SHALL RE NOT LECC THAN ASON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE RESULT OF THE REDUCED SECTION SHALL RESULT OF THE RESU **GUARDS/RAILINGS** (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. EXPOSED CEILING TO EXTERIOR w/o ATTIC HERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO RMIT THE INSTALLATION OF MASONRY EXTERIOR FACING. THE REDUCED CTION SHALL BE NOT LESS THAN 3 1/2" (9) THICK. THE BROWNEER SHALL TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES TO THE FOUNDATION WALL WITH CORROSION FILL VOID WITH MORTAR TWEEN WALL AND 2"-11" (889) HORIZONTAL FILL VOID WITH MORTAR TWEEN WALL AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3)) HEADER CONSTRUCTION 34A HEADER CONSTRUCTION PROVIDE CONTINUOUS, APPROVED AIR/VAPOUR BARRIER (HEADER WRAP) UNDER THE SILL PLATE, ARQUIND THE RIM BOARD AND UNDER THE BOTTOM PLATE. THE HEADER WRAP SHALL EXTEND 6' (152) BELOW THE TOP OF FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE FOUNDATION WALL EXTEND HEADER WRAP 6' (152) UP THE INTERIOR SIDE OF THE STUD WALLAND OVERLAP WITH THE VAPOUR BARRIER AND SEAL THE JOINT. ALL EDGES/JOINTS MUST BE MECHANICALLY CLAMPED. (22) CAPPED DRYER EXHAUST VENTED TO EXT. CONFORMING TO PART 6, OBC 9.32. (1) 23) ATTIC ACCESS (9.19.2.1.) ATTIC ACCESS HATCH WITH MINL 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 INSULATED WITH MIN. R20 (RSI 3.52) ([SB-12] 3.1.1.8.(1)) (24) FIREPLACE CHIMNEYS (9.21.) 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. PARTY WALL BEARING (9.23.8) 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. 3.12" (89)) ON CONC. BLOCK PARTY WALL, ANCHORED WITH 2-3/4" (2-19) x 8" (200) LONG GALV. ANCHORS WITHN SOLID BLOCK COURSE. LEVEL W/ NON-SHRINK GROUT. REFER TO NOTE SOLID BEARING (SECTION 3.0) FOR WD. STUD PARTY WALL. (28) 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.) (39) (38) CONVENTIONAL ROOF FRAMING (9.23.13., 9.23.15.) 2"X6" (38X,140) RAFTERS @ 16" (406) O.C., 2"X8" (38X,184) RIDGE BOARD. 2"X4" (38X,89) COLLAR TIES AT MID-SPAN, CEILING JOISTS TO BE 2"X4" (38X,89) 0.C. FOR MAX. SPAN, 2"3" (2819) SPAN & 2"X6" (38X,140) @ 16" (406) O.C. FOR MAX. SPAN, 14-7" (4450), RAFTERS FOR BUILT UP ROOF OVER PRE-ENGINEERED ROOF TRUSSES AND OR CONVENTIONAL FRAMING TO BE 2"X4" (88X,89) @ 24" (610) O.C. UNLESS OTHERWISE SPECIFIED. (36) 34 FLOOR FRAMING TRG SUBFLOOR ON WO (26) MECHANICAL VENTILATION (9.32.1.3.) MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR, TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR. SEE GENERAL NOTE 2.3. 25 PROVIDE 4 SHELVES MIN. 14" (356) DEEP 27 (37) RANGE HOODS AND RANGE-TOP FANS COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST CONFORM TO OBC 9.10.22. 9.32.3.9. 8 9.32.3.10. WALL ASSENBLY CONTAINS INSULATION CONFORMING TO CANULC-S702 & HAVING A MASS OF NOT LESS THAN 1.22 KGM/2.00 FWALL SUPFACE AND 1/2" (12.7) TYPE X GYPSUM WALLBOARD INTERIOR FINISH. EXTERIOR CLADDING MUST BE NON-COMBUSTIBLE WHEN LIMITING DISTANCE IS 23.5/8" (0.60m) O'R LESS, WALL ASSEMBLY REQUIRES TO HAVE A FIRE RESISTANCE RATING OF WOT LESS THAN 4.5 MINUTES & CONFORMING TO 0.B.C. (9.10.14, O'R 9.10.15.), REFER TO DETAILS FOR TYPE & SPECS. ** AN OPENING IN AN EXPOSING BUILDING FACE NOT MORE THAN 4.5 MINUTES & CONFORMING TO DE CONSIDERED AN UNPROTECTED OPENING AS PER CALL 1.23 (1.30cm.) SHALL NOT BE CONSIDERED AN UNPROTECTED OPENING AS PER (33) 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. FURNACE 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. (31) CONC. PORCH SLAB (9.16.4.) MIN. 4" (100) CONCRETE SLAB ON GRADE ON 4" (100) COARSE GRANULAR FILL, 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. (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" (3.38X140) 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 22 DRYER EXHAUST CAPPED DRYER EXHAU COLD CELLAR PORCH SLAB (9.39.) FOR MAX. 8'-2" (2500) PORCH DEPTH. 5" (127). EXTERIOR AND GARAGE STEPS PRECAST CONC. STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER. MAX RISE 7 7/8" (200), MIN. TREAD 9 1/4" (235), FOR THE REQUIRED NUMBER OF STEPS REFER TO SITING AND GRADING DRAWINGS. EXTERIOR CONCRETE STARS WITH MORE THAN 2 RISERS AND 2 TREADS SHALL BE PROVIDED WITH FOUNDATION AS REQUIRED BY ARTICLE 9.8.9.2. OR SHALL BE CANTILEVERED AS PER SUBSECTION 9.8.10. STUDS ARE TO BE CONTINUOUS, C/M 3/8" (9.5) THICK EXTERIOR PLYWOOD SHEATHING, PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 4-0" (1220) O.C. VERTICALLY. TWO STOREY VOLUME SPACES OR MAX. 8:2º (2500) PORCH DEPTH. 5º (127) 32 MPa (4640ps)) CONC. SLAB W/5-8% AIR ENITANMENT. REINF. WITH 10M BARS @ 7 7/8º (200) O.C. EACH DIRECTION. WIT 1/4º (32) CLEAR COVER FROM BOTTOM OF SLAB TO FIRST AVER OF BARS & SECOND LAVER OF BARS LAID DIRECTLY ON 1070 OF LOWER AYER IN OPPOSITE DIR. 24°x24" (610x610) 10M DOWELS @ 23 5/8" (600) O.C., NICHORED IN PERIMETER FND. WALLS. SLOPE SLAB 1.0% FROM DOOR. NOR FRAMING (9.23.3.5., 9.23.9.4., 9.23.14.) SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION O.B.C. 9.30.6. ALL JOISTS WHERE REQUIRED TO BE BRIDGED WITH 2"X2" 28) CROSS BRACING OR SOLD BLOCKING @ 6-11" (2108) O.C. WAX. ALL STS TO BE STRAPPED WITH 1"X2" (19x64) @ 6-11" (2108) O.C. UNLESS A EL TYPE CEILING FINISH IS APPLIED. (9.23.10.1., 9.23.11., 9.23.16.) cont. SECTION 1.0. CONSTRUCTION NOTES 47 46 (41B) (41A) **40** 45 4 43 42 <u>4</u> 40 1/2" (12.7) GYPS! IM CHEATLINGS CONT. MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM) ON APPROVED DEPAINAGE MAT ON 1/2" (12.7) DENGGLASS GOLD GYPSUM BOARD ON STUDS CONFORMING TO O.B.C (9.23 ol.), & SECTION 1.1. INSULATION, APPROVED 6 MIL. POLYETHYLENE WAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED) STUCCO WALL CONSTRUCTION W/ CONTIN. INSULATION MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON APPROVED JARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENIED AS PER MANUFACTURERS SPECIFICATIONS, ON TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENIED AS PER MANUFACTURERS SPECIFICATIONS, ON TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENIED AS PER MANUFACTURERS SPECIFICATIONS, ON TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENIED AS PER MANUFACTURERS SPECIFICATIONS, ON TYPE STEED MECHANICALLY FASTENIED ON STUDS CONFORMING TO O.B.C. (9.23 10.1.) & SECTION 1.1. INSULATION, APPROVED 6 MIL. POLYETHYLENE WAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED) PANEL FOR UNDERSIDE OF SC BALCONY CONDITION SEE FI AT BODE BALCONY BARREL VAULT CONSTRUCTION CANTILEVERED 2"x4" (38x89) SPACERS LAID FLAT ON 2"x10" (38x235) SPR. #2 ROOF JOST NAILED TO BUILT-UP 3-3/4" (19) PLYWOOD HEADER PROFILED FOR BARREL. SPRAY FOAM INSULATION BETWEEN JOISTS W/ GYPSUM BOARD. INTERIOR FIN. (REFER TO DETAILS) SLOPED CEILING COUNSTRUCTION (18,12) 2.1.1.7., 9.23.4.2.) 2**12" (38×286) ROOF, JOISTS @ 16" (406) O.C. MAX, (JUNLESS OTHERWISE NOTED) W/ 2**2" (38×38) PURLINS @ 16" (406) O.C. PERPENDICULAR TO ROOF, JOIST (PURLINS NOT REC. W. SPRAY FOAM), W. INSULATION BETWEEN JOIST, 6 mil POLYETHYLENE VAPOUR BARRIER, 172" (12,7) GYPSUM WALLBOARD INT. FINISH OR APPROVED EQ. INSULATION WALLE DIRECTLY ABOVE THE INNER SURFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 RSI). STUD WALL REINFORCEMENT PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM CONFORMING TO O.B.C. (9.5.2.3.(1) AND 3.8.3.8.(3)) (REFER TO DETAILS) BEINFORCING AT BASEMENT WINDOWS Z-15M HORIZ. REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE EOUNDATION WALL BELOW THE WIN. SILL EXTEND BARS 24" (610) BEYOND THE OPENING. 2-15M VERTICAL REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE FOUNDATION WALL ON EACH SIDE OF THE WINDOW OPENING. - BARS TO HAVE MIN. 2" (50) CONC. COVER BARS TO HAVE MIN. 2" (610) BEYOND BOTH SIDES OF OPENING 2 HR. FIREWALL ((SB-3) WALL TYPE '866' & '81b') 1/2" (12.7) GYPSLM SHEATHING ON EACH SIDE ON 2"X2" (38x38) VERTICAL WOOD STRAPPING @ 24" (610) O.C ON 8" (200) CONC. BLOCK 75% SOLID. FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE, FILL & SAND ALL GYPSUM JOINTS. AT UNFINISHED AREAS, EXTERIOR FACE OF CONC. BLOCK TO BE SEALED WITH 2 COATS OF PAINT. GYPSUM SHEATHING TO BE ATTACHED TO CONC. BLOCK. (REFER TO DETAILS) 1 HR. PARTY WALL (DOUBLE STUD). (ISB-3) WALL TYPE W13c) 5/8" (15.9) TYPE X GYPSUM SHEATHING ON EXTERIOR SIDE OF 2 ROWS OF 2X4" (38889) STUDS @ 16" (406) O.C. MIN. 1" (25) APART ON SEPARATE 2"X4" (38889) SILL PARTES. (2"X6" (38X140) AS REQUIRED) FILL ONE SIDE OF STUD CAVITY WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE FILL AND SAND ALL GYPSUM JOINTS. FLAT ROOF/BALCONY CONSTRUCTION STUCCO FINISH CONFORMING TO O.B.C. S WINDOW WELLS DS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1., 1/2" (1.27) GYPSUM LEOARD INT, FINISH, (REFER TO 35 NOTE AS REQ.) LEOARD INT, FINISH, (REFER TO 35 NOTE AS REQ.) OR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION, OR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION, VIDE APPROVED DRAINAGE MAT ON 7/16" (11) EXTERIOR TYPE SHEATHING REPRING (AS REQ.) AND STUDS IN LIEU OF 1 1/2" (38) E.F.I.S (MINIMUM) APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BRD. BARS IN TOP PORTION OF WALL (UP TO 8-0" OPENING) BARS IN TOP PORTION OF WALL (8-0" TO 16-0" OPENING) BARS IN TOP PORTION OF WALL (10-0" TO 15-0" OPENING) STACKED VERTICALLY AT INTERIOR FACE OF WALL ORCING AT BASEMENT MINITONIA ROOFING MEMBRANE (9.26.11, 9.26.15, 9.26.16) FULLY ADHERED TO 5/8" G EXTERIOR GRADE PLYWOOD SHEATHING ON 2"2" (38x38) PURLINS TOWARDS SCUPPER (9.2% MINIMUM LAID PERPENDICULAR TO 2"X8" FLOOR JOISTS (9.16" (406) O.C. (UNLESS OTHERWISE NOTED). BUIL UP BE 4" (100) MIN. ABOVE FINISHED BALCONY FLOOR, CONVINUOUS 'L'. IP EDGE TO BE PROVIDED ON OUTSIDE FACE OF CURB. SCUPPER DRAIN OXATED 24" (610) MIN. AWAY FROM HOUSE. PREFINISHED ALLMINUM OR DR UNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE REQ. VOPENS INTO A WINDOW WELL, A CLEARANCE OF NOT (550) SHALL BE PROVIDED IN FRONT OF THE WINDOW. JELL SHALL BE DRAWIND TO THE FOOTING LEVEL OR LOCATION WITH A 4" (100) WEEPING TILE CW A FILTER DFILLED WITH CRUSHED STONE. (9.9.10.1.(5), 9.14.6.3.) A HEATED SPACE CONDITION LCONY CONSTRUCTION NOTE FOR ASSEMBLY, REFER TO JOIST SIZE & REFER TO HEX NOTE 9 FOR INSULATION AND ONSTRUCTION NOTE. INCLUDE 2"x4" (38x89) PT. AID FLAT PARALLEL TO JOISTS ON 2"x4" (38x89) C. LAID FLAT PERPENDICULAR TO JOISTS OCK) ((SB-3) WALL TYPE 'B66' & 'B1b') CH SIDE ON 2"×2" (38×38) VERTICAL WD. 1) CONC. BLOCK FILL STBAPPING OF ABSORPTIVE MATERIAL LASS. TAPE. FILL & SAND ALL GYPSUM FALED W/ 2 COATS OF PAINT OR PING & 1/2" (12.7) GYPSUM SHEATHING. ECTION 9.28. AND APPLIED PER 1/2" (38) E.F.I.S (MINIMUM) ON ENSGLASS GOLD GYPSUM BRD. ON EN. S. ECTION 1.1., 1/2" (12.7) GYPSUM (9 15 4 2)

S

ECTION

2.0. GENERAL NOTES

PROVIDE 8'-0" HIGH INTERIOR DOORS FOR ALL 10' CEILING CONDITIONS

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2"x4" 38x89)

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/ MN. 0.35m.2 UNOBSTRUCTED OPEN 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.

OW GUARDS: A GUARD OR A WINDOW WITH A MAXIMUM RESTRICTED G WIDTH OF 4" (100) IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS D LESS THAN 1.7" (480) ABOVE FIN. FLOOR AND THE DISTANCE FROM THE D FLOOR TO THE ADJACENT GRADE IS GREATER THAN 5-11" (1800). (9.8.8.1.) OWS IN EXIT STARWAYS THAT EXTEND TO LESS THAN 2-11" (900) [3-6" (1070). OTHER BUILDINGS] SHALL BE PROTECTED BY GUARDS IN ACCORDANCE DTE #2 (ABOVE). OR THE WINDOW SHALL BE NON-OPERABLE AND DESIGNED DISTAND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN ORDER AS 8.0"

A) REFER TO TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS 2.2. CEILING HEIGHTS
THE CEILING HEIGHTS OF ROOMS AND SPACES SHALL CONFO

ROOM OH STACE LVING ROOM, DINING ROOM AND KITCHEN

BASEMENT

ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1.

MINIMUM HEIGHTS

7-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 6:-11" AT ANY POINT

7-7" OVER 50% OF REQUIRED FLOOR AREA OR 6:-11" OVER ALL OF THE REQUIRED FLOOR AREA OR 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".

6:-11" IN ANY AREA WHERE A PERSON WOULD NORMALLY BE STANDING

SECTION 1.1. WALL STUDS

UNSUPPORTED HEIGHT, WALL NEEDS TO BE

NG AS REQUIRED FOR EXTERIOR 1 OF THIS UNIT FOR CONFIRMATION INFORMATION.

3.3. DOOR SCHEDULE SECTIONS 9.5.11. 9 6 0 7 0 4

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3.2. STEEL LINTELS SUPPORTING MASONRY VENEER (DIVISION B PART 9. TABLE 9.20.5.2.B.)
FORMING PART OF SENTENCE O ON E O ON E O ON E O ON E

SECTION 3.0. LEGEND

3.1. WOOD LINTELS AND BUILT-UP WOOD
(DIVISION B PART 9. TABLES A8 TO A10 AND A12, A15 & A16)

SECTION 4.0. CLIMATIC DATA
DESIGN SNOW LOAD (9.4.2.2.):
WIND LOAD (q50) (SB-1.2.):

B9 B5

2.10. ULC SPECIFIED ASSEMBLIES
ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY ULC LISTED ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY ULC LISTED 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 LISTING: THERE SHALL BE NO DEVIATIONS UNDER ANY CIRCUMSTANCES IN ANY ULC LISTED ASSEMBLY IDENTIFIED IN THESE DRAWINGS.

REFER TO HEX NOTE 35. & DETAILS FOR TYPE AND SPECIFICATIONS.

1 HR. PARTY WALL
REFER TO HEX NOTE 40.

2 HR. FIREWALL REFER TO HEX NOTE 40A.

HALL BE LOCATED OR THE BUILDING SITE GRADED SO THE WATER LATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY PROPERTIES. CONFORM TO 9.14.6.

SUPPORTED MEMBER. SUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH OF NOT LESS THAN 3" (76) NAILS 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.)

SOLID BEARING (BUILT-UP WOOD COLUMNS AND STUD POSTS)
H OF A WOOD COLUMN SHALL NOT BE LESS THAN THAN THE WIDTH OF

BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S)
CANVCGA-6:19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH
ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARM(S)
NENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS
SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

 $\times\!\!\!\times\!\!\!\times\!\!\!\times\!\!\!\times$ TWO STOREY VOLUME SPACE. SEE CONSTRUCTION NOTE 39.

VARYING PLATES, BUILT-OUT FLOORS, BEARING WALLS, ICE & WATER SHIELD

2.7. ROOF OVERHANGS
1) ALL ROOF OVERHANGS SHALL BE 1-0" (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.

2.6. FLAT ARCHES
1) FOR 9-0" (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.
2) FOR 10'-0" (3040) CEILINGS, FLAT ARCHES SHALL BE 8'-6" (2600) A.F.F.

E (9.23.4.3.)

JAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. HOLLOW STIONS SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W CLASS "H".

JING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

5) JOIST HANGERS: PROVIDE APPROVED METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS. NITERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS.

8) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATUE, IN CONTACT WITH CONCRETE. SHALL BE SEPARATED FROM THE CONC. BY AT LEAST 2 mil POLYETHYLENE FILM, No.50 (45lbs) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE GROUND.

SA SMOKE ALARM (9.10.19)

SA SMOKE ALARM (9.10.19)

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 WIRED TO BE INTERCONNECTED TO ACITIVATE ALL ALARMS IF ONE SOUNDS, ALARMS ARE TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET TEMPORAL SOUND PATTERNS MIN. ALARMS SHALL HAVE A VISUAL SIGNALLING COMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72".

CMD CARBON MONOXIDE ALARM (9.33.4.

2.4. LUMBER
2.4. LUMBER
3) ALL LUMBER SHALL BE SPRUCE No.2 GRADE OR BETTER, UNLESS NOTED OTHERWISE.
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.
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.

LIGHT FIXTURE (PULL CHAIN)

₩ •

CHANDELIER (CEILING MOUNTED)

TELEPHONE JACK

2.3. MECHANICAL / PLUMBING

1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGE PER HOUR

1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGED OVER 24

1F NOT AR CONDITIONED 1 PER HOUR IF AIR CONDITIONED AVERAGED OVER 24

HOURS, WHEN A VENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED CONFORM

TO OBC 9.32.3.4 WHEN A HRV IS REQUIRED, CONFORM TO 9.32.3.11. REFER TO

MECHANICAL DRAWINGS.

REFER TO HOT WATER TANK MANUFACTURER SPECS. CONFORM TO OBC 9.31.6. REFER TO TITLE PAGE FOR SPACE HEATING EQUIPMENT, HRV AND DOMESTIC DY WATER HEATER MINIMUM EFFICIENCIES.

HEAT RECOVERY UNIT(S) WILL BE INSTALLED CONFORMING TO THE OF 3.1.1.12. OF THE O.B.C.

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ROUGH IN FOR ELECTRIC VEHICL CHARGING STATION (9.34.4)

LIGHT FIXTURE (CEILING MOUNTED)

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EXHAUST VEN

CCORDANCE WITH SECTION 9.34

ALL ELECTRICAL FACILITIES SHALL

TION INFOHMATION
DESIGN ASSOCIATES INC.

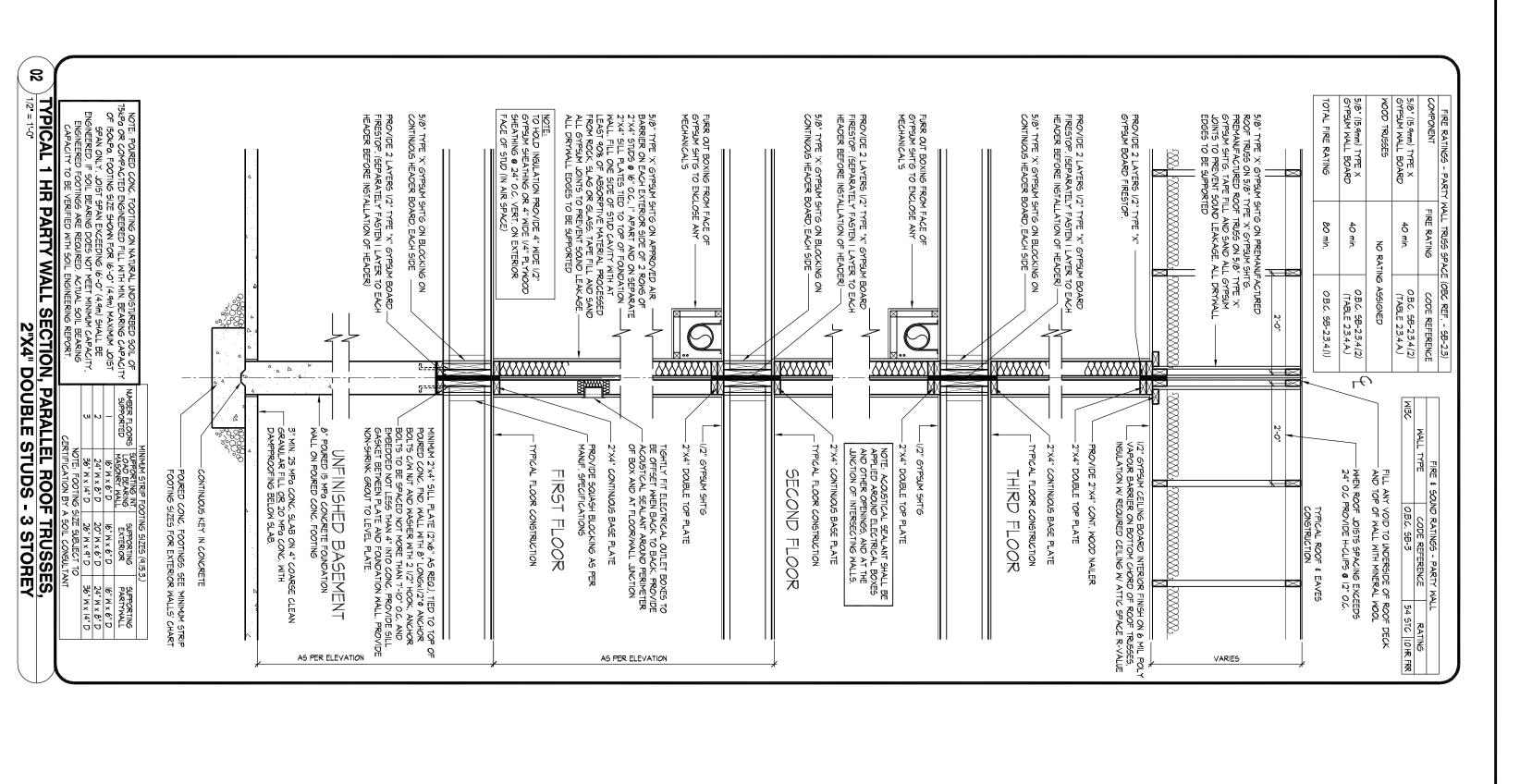
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CONSTRUCTION NOTES 1 & UNIT 170
APTON, ONT. REV.2018.12.1

ETHE PROPERTY OF H.D.A.I.
CATIONS AND TO CONFORM TO THE
AND AUTHORITIES HAVING JURISDICTION
CATIONS, ONT. REG. 332/12.





DSANTOS | MON DEC 10/18 10:34 AM | K:\PROJECTS\2015\215044.ROY\WORKING\TOWNS\17' RL-TOWNS\215044WS1703.DW

SB-12 SEMENT WALLS PROPOSED VALUES MAY BE SUBSTITUTED W/2.11+1.76d (R12+R10d)
OW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE
3E OF BELOW GRADE SLAB < 600mm BELOW GRADE ACKAG ENERGY **EFFICIENCY DESIGN MATRIX** 10.56 (R60) 5.46 (R31) 5.46 (R31) 3.87 (R22) SPACE HE
I GAS
I ELECTRIC
I EARTH 3.52 ci (R20 ci) .76 (R10) .76 (R10) ☐ OIL☐ PROPANE☐ SOLID FUEL 1 - TITLE PAGE
2 - BASEMENT PLAN. EL. 'A', GROUND FLOOR PLAN. EL 'A'
3 - MAIN FLOOR PLAN. EL 'A', THIRD FLOOR PLAN EL. 'A' & DETAILS
4 - FRONT & REAR ELEVATION 'A'
5 - CROSS SECTION 'A-A' & DETAILS
6 - PARTIAL CROSS SECTION, ROOF PLAN & DETAILS
7 - CONSTRUCTION NOTES 1 & 2



ESIGN ASSOCIATES INC.

	Pol
6.53 %	TOTAL WINDOW %
rs) (24.62 sq. m.)	(INCL GLASS DOORS & SKYLIGHTS)
265 sq. ft.	GROSS WINDOW AREA
(376.91 sq. m.)	GROSS WALL AREA
4057 sq. ft.	000000000000000000000000000000000000000
STD. PLAN	CALCULATIONS
EL, A	WINDOW / WALL AREA
(103.49 sq. m.)	W/ PORCH
1114 sq. ft.	COVERAGE
(89.19 sq. m.)	W/OUT PORCH
960 sq. ft.	COVERAGE
(235.42 sq. m.)	
2534 sq. ft.	TOTAL NET AREA
s 0 sq. ft.	DEDUCT ALL OPEN AREAS
2534 sq. ft.	SUBTOTAL
1021 sq. ft.	THIRD FLOOR AREA
960 sq. ft.	MAIN FLOOR AREA
553 sq. ft.	GROUND FLOOR AREA
STD. PLAN	
s EL.'A'	AREA CALCULATIONS

ISSUED FOR FINAL APPROVAL

0.8	75%	96%	2.8	1.6	1.76 (R10)	1.76 (R10)	ı	(R20 ci) *	3.52 ci	3.87 (R22)	5.46 (R31)	01:0(::0:)

DESIGN ASS									
DESIGN ASSOCIATES INC.				 ISSUED FOR CLIENT REVIEW 	REVISED AS PEI	COORDINATE A:	REVISED AS PEI	REVISED AS PEI	
NS Checked By	FORESTSIDE E		뀨	IENT REVIEW	2. REVISED AS PER CLIENT'S COMMENTS	3. COORDINATE AS PER ROOF TRUSS & FLOOR MANUFACTURE PLANS	4. REVISED AS PER STRUCTURAL ENGINEER COMMENTS	5. REVISED AS PER ARCHITECTURAL CONTROL COMMENTS	
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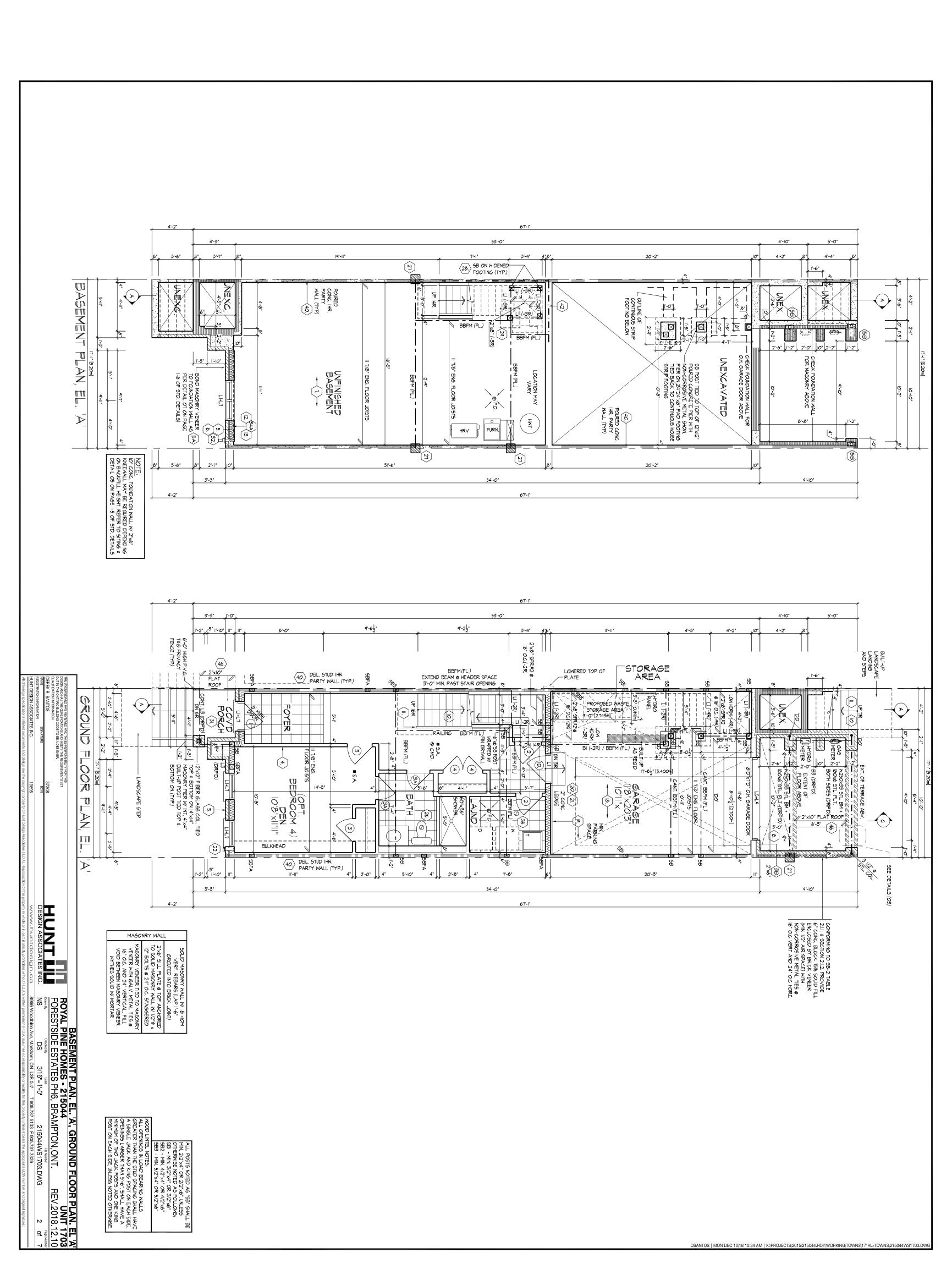
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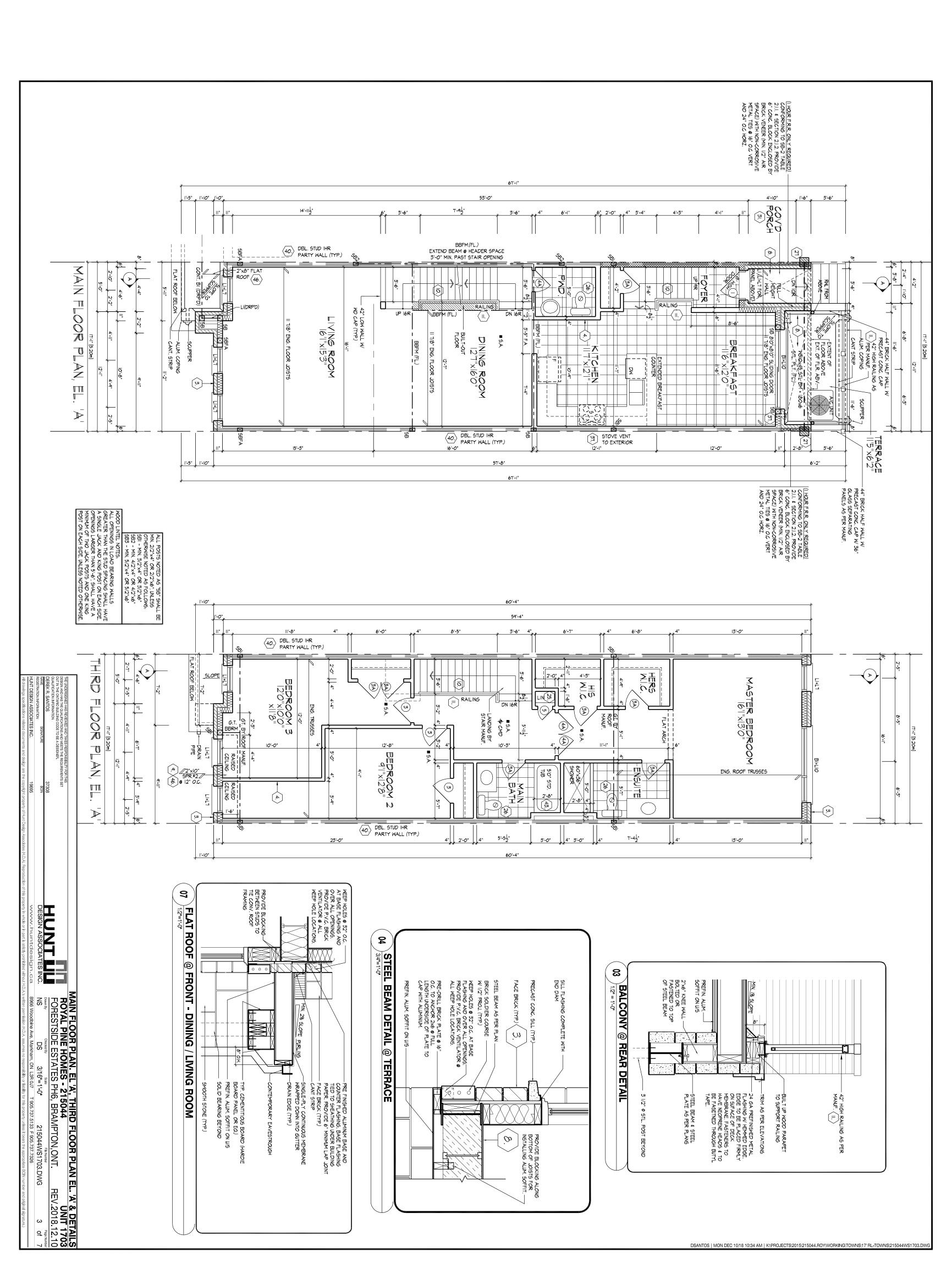
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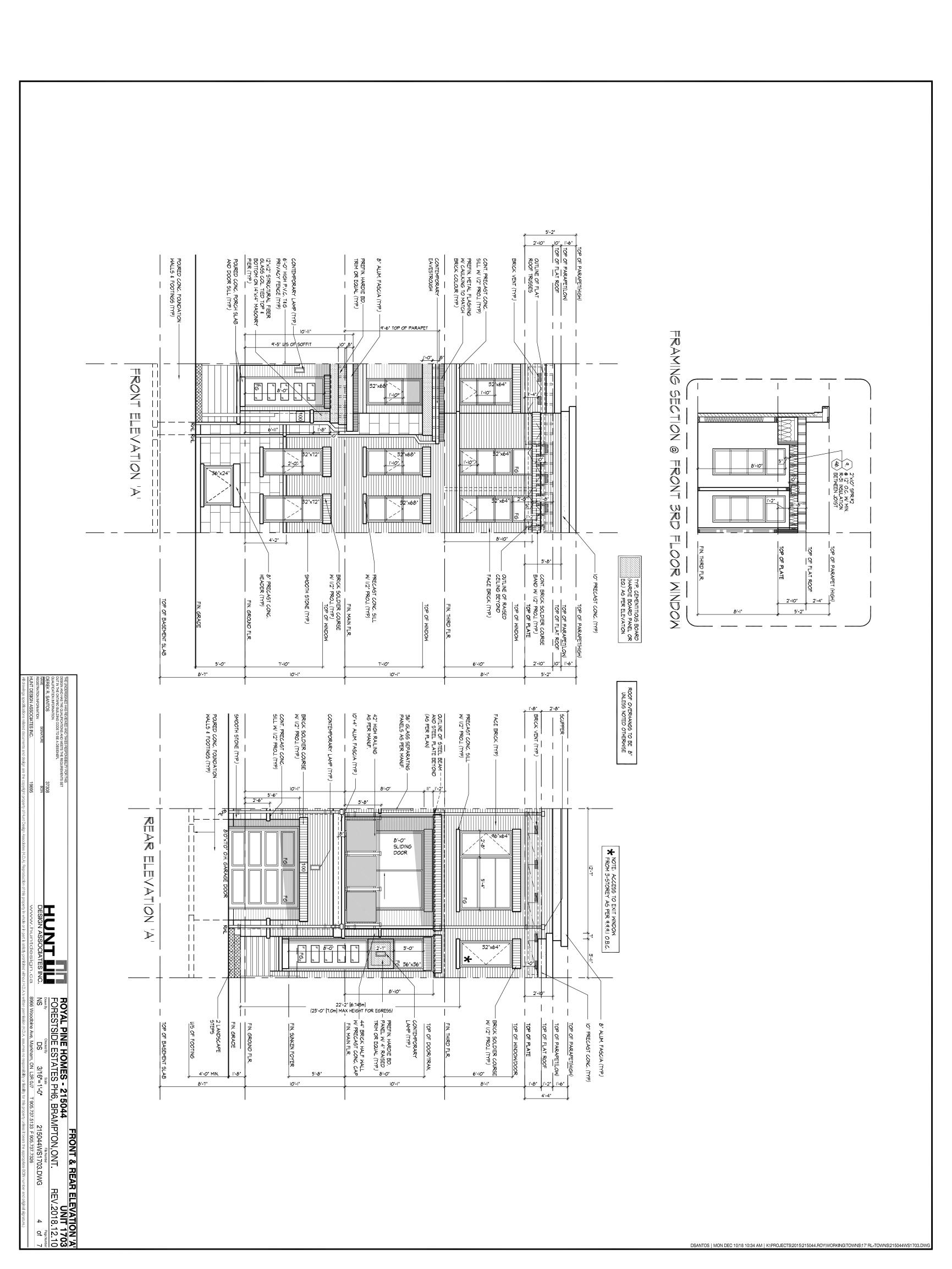
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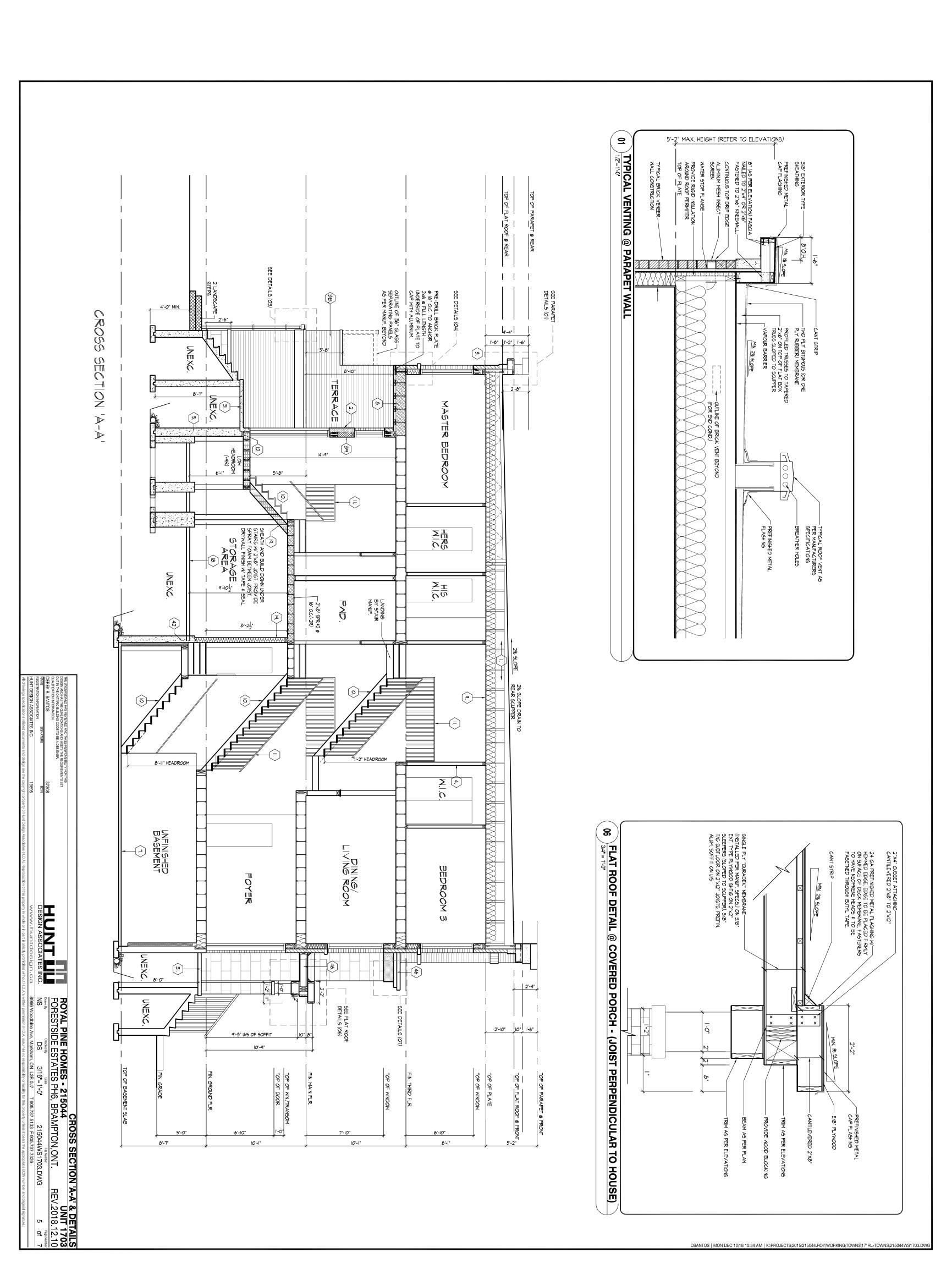
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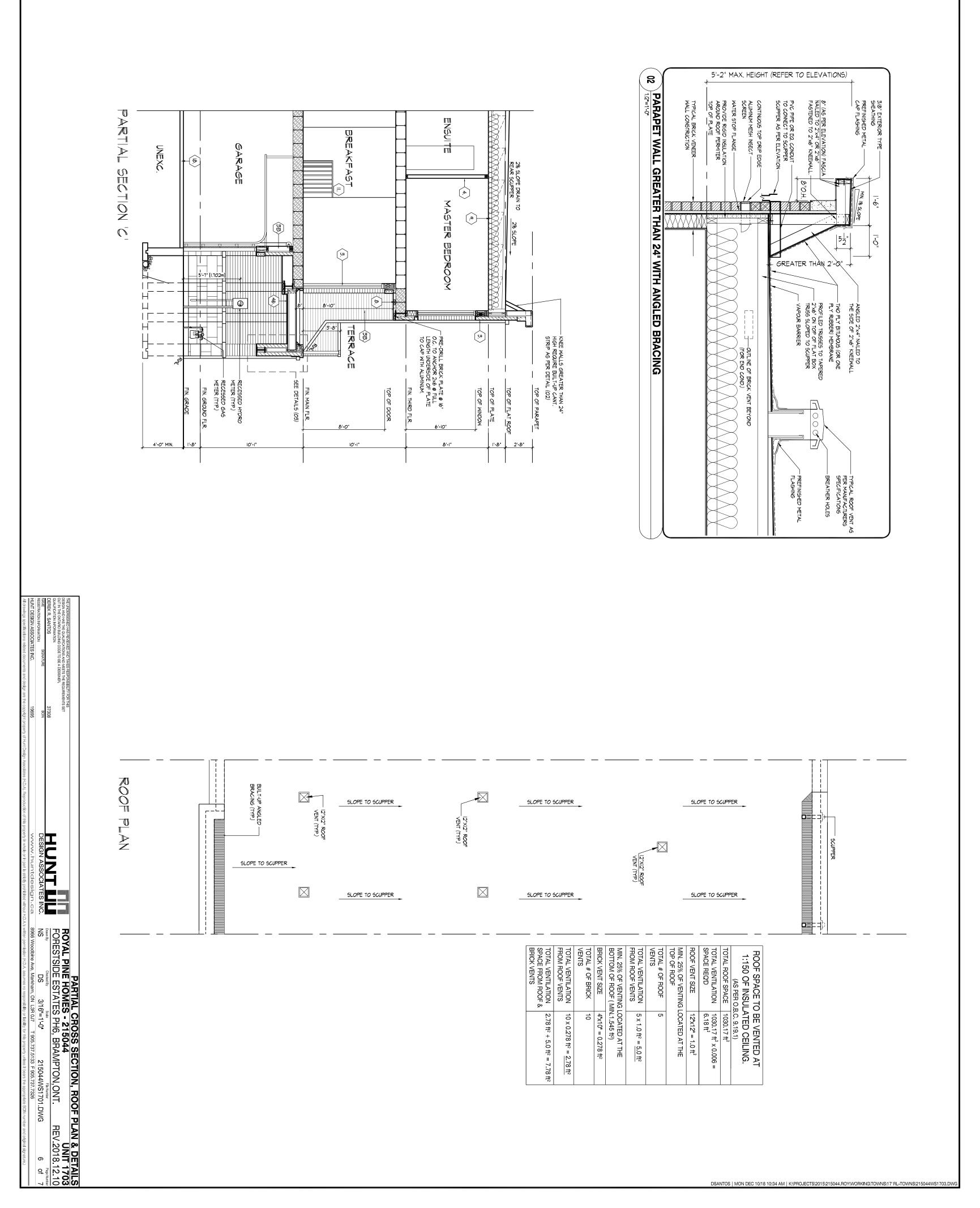
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FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 38" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1) & SECTION 11.172" (12.7) GYPSUM WALLBOARD INTERIOR FINSH-I, (PYPSUM SHEATHING, RIGID INSULATION AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3,(1)) (REFER TO 35 NOTE AS REQ.) BRICK VENEER WALL CONSTRUCTION 3 1/2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL TIES @ 16" (400) O.C. HORIZ 24" (600) O.C. HERT. BONDING AND FASTENING ECONTROL BRICK VENUEER WALL CONSTRUCTION W/ CONTIN. INSULATION 3 1/2" (90) BRICK VENUEER 1" (25) AIR SPACE 7/8*X"***(0.03" (22x180x0.76) GALV METAL TIES (9) 18" (400) O.C. HORIZ 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9,209, ON APPROVED AIR/WAITER BARRIER AS PER O.B.C. 927.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 398" (9.5) EXTENIOR 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 INTERIOR FINISH. PROVIDE WEEP HOLES (9.22" (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) SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS, FURRING MEMBERS OR 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, 8. SECTION 1.1., INSULATION, APPROVED 6 MIL POLYETHYLENE ARPWAPOUR BAPRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN. (GYPSUM SHEATHING, RIGID INSULATION, AND HIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.) SIDING WALL CONSTRUCTION W/ CONTIN. INSULATION SIDING MATERIAL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO ASSET TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FI IDDING NATURE TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STANDARD SHALL AS PER ELEVATION ATTACHED TO FIND THE STAN EXT. LOFT WALL CONSTRUCTION - NO CLADDING (4A) BEXT. LOFT WALL CONSTRUCTION - NO CLADDING (5ECTION 1.1, INSULATION AND 6 mil POLYENHYLENE VAPOUR BA APPROVED CONT. AIR BARRIER, 1/2" (12.7) GYPSI IM MANAGEMENT TO CAPPONE | INTERIOR STUD PARTITIONS | (9.23.9.8., 9.23.10) | BEARING PARTITIONS SHALL BE A MINIMUM 2"x4" (38x89) @ 16" (406) O.C. FOR 2 STOREY AND 12" (305) O.C. FOR 3 STOREY, NON-BEARING PARTITIONS 2"x4" (38x89) PATE AND 2-2"x4" (23x89) TOP PLATE. 1/2" (12.7) INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 2"x6" (38x440) STUDS, WHERE NOTED, PROVIDE 2"x4" (38x89) @ 24" (610) O.C. LADDER FRAMING WHERE WALLS INTERSECT PERPENDICULAR TO ONE ANOTHER. PROVIDE 2"x4" (38x89) WOOD BLOCKING ON FLAT @ 3"1" (1794) O.C. MAX. BETWEEN FLOOR JOISTS. JOISTS WHEN NON-LOADBEARING WALLS ARE PARALLEL TO FLOOR JOISTS. BRICK VENEER WALL @ GARAGE CONSTRUCTION 3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8",7">(3.2" (25) 1800.76) GALV. METAL TIES @ 16" (400) O.C. HORIZ, 24" (600) O.C. VERT, BONDING AND FASTENING FOR TIES TO CONFORM WITH 9,20.9, ON APPROVED SHEAT-HING 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) GYPSOM WALLBOARD INTERIOR FINISH, PROVIDE WEEP HOLES @ 32" (800) O.C. AT BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP 8" (150) MIN. BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO 35 NOTE AS SECO) SIDING WALL CONSTRUCTION SIDING MATERIAL AS PER FI FVATION AT PROVIDE ICE AND WATER SHIELD 5 POUNDATION WALL/FOOTINGS POURED CONC. FOUNDATION WALL AS 4B EXT. LOFT WALL CONSTRUCTION - NO CLADDING W/ CONTINUOUS INSULATION **2B** PROFILED ROOF TRUSSES (1B) ROOF TRUSSES SHALL BE PROFILED AUD/OR STEPPED AT RAISED COFFER/TRAY CEILINGS. ANGLED TRAY CEILINGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD. 1 ROOF CONSTRUCTION (9: NO. 210 (10.25 KG/M2) ASPHALT S AND BRUSH CONTINUOUS SHALL EXTEND NOT LESS AND BRUSH CONTINUOUS SHALL BE DAMPROOFED FROM THE TOP OF THE FOUNDATION WALL SHALL EXTEND NOT LESS AND BRUSH COAT FROM THE TOP TO 2" BELOW GRADE FOUNDATION WALL SHALL BE DAMPROOFED FROM THE TOP DOT THE FOUNDATION WALL SEAL THE DRAINAGE LAYER ON THE OUTSIDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE LAYER AT THE TOP, THE TOP OF THE CONC. FOOTING SHALL BE DAMPROOFED. CONCRETE FOOTINGS SUPPORTING JOIST SPANS GREATER THAN 16-1" (4900) SHALL BE SIZED IN ACCORDANCE WITH 91.33.4 (1),(2) OF THE O.B.C. (FREER TO CHART BELOW FOR RESPECTIVE SIZE). BRACE FOUNDATION WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OF 75KPA OR COMPACTED FIGURERED FILL WITH MIN BEARING CAPACITY OF 150KPA. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL ENGINEERING REPORT. REFER TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION WALL STRENGTH AND THICKNESS AND 9.15.4. FOUNDATION WALLS SHALL NOT EXCEED 9-10" (3 nm.) UNREINFORCED SOLD OF THE OLD THE SIZE OF THE O 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, "Z"X" (38X89) TRUSS BRACING @ 6-0" (1830) O.C. AT BOTTOM CHORD. PREFIN. ALUM. 2AVESTROUGH FASCIA, RWL & VENTED SOFFIT, ATTIC VENTILATION 1:300 OF NSULATED 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 REQUIRED OPENINGS MOREOUTO CONCRETE SPLASH PADS OR PER MINNIGIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG FAVESTROUGH WAID NOWN RWI SIDING WALL @ GARAGE CONSTRUCTION SIDING MATERIAL AS PER ELEVATION ATTACHED TO THE THE TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION ULSTRENGTH AND HICKNESS AND 9.15.4. UNDATION WALLS SHALL NOT EXCEED 9-10" (3.0m) IN UNSUPPORTED GHT UNLESS OTHERWISE NOTED. [9.15.4.2.1.] UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) MAX HEIGHT FROM FIN. SLAB TO GRADE WASH HIGHT FROM FIN. SLAB TO GRADE UNSUPPORTED SUPPORTED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) WASH HIGHT FROM FIN. SLAB TO GRADE UNSUPPORTED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) AT TOP SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) WASH HIGHT FROM FIN. SLAB TO GRADE SUPPORTED AT TOP 4.71" (1.20m) 7-0" (2.15m) 7-0" (2.15m) 8-2" (2.50m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-2" (2.55m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) IDE ICE AND WATER SHIELD IN THE AREAS INDICATED. THE ICE AND WATER LD SHALL BE A SELF ADHERING AND SELF SEALING MEMBRANE. SIDE LAPS I BE A MINIMUM 3 1/2" (90) AND END LAPS A MINIMUM 6" (152). AND TO ND UP DORMER WALLS A MINIMUM 1"2" (305). WATERIAL AS PER ELEVATION ATTACHED TO FURRING MEMBERS ON ED ARWATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID ION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER CTURERS SPECIFICATIONS ON 3/8" (9.5) EXT. GRADE SHEATHING ON O.D.B.C. (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED LYFETHYLENE AIRWAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD (GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE DIT THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.) R SPACE 7(8"X"70,00" (22X180x0.76) GALV. METAL TIES 1.C. VERT. BONDING AND FASTENING FOR TIES TO WED SHEAT-ING PAPER, 30" (9.5) EXTERIOR TYPE 1 TO D.B.C. (9.23 1.1.1), & SECTION 1.1. INSULATION 8 BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/2" (100R FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100R FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100R FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100R FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100R FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100R FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100R FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (100R FINISH ORD) SPER O.B.C. 9,27.3. ON EXTERIOR TYPE RIGID IECHANICALLY FASTENED AS PER VS. ON 38" (9.5) EXTERIOR TYPE SHEATHING, .23.10.1.) & SECTION 1.1., INSULATION AND 6 IEER WITH APPROVED CONT. AIR BARRIER. 1/2" INISH. (9,23.) TO O.B.C (9.23.10.1.) & RARRIER WITH AND INT. FINISH. (9.23.) SILHES OH HAMIT MINL 7-5" (2200) MIDEL 2-5" (2000) LONG, SILL PLATES 12 2"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.) BASEMENT INSULATION (ISB-12) 3.1.1.7.) BASEMENT INSULATION (ISB-12) 3.1.1.7.) BASEMENT INSULATION (ISB-12) 3.1.1.7.) BASEMENT INSULATION (ISB-12) 3.1.1.7.) PROVIDE CONTINUOUS BLANKET INSULATION WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED (18.3.1.1.7.) BASEMENT INSULATION (ISB-12) 3.1.1.7.) BASEMENT INSULATION (ISB-12) 3.1.1.7.) BASEMENT INSULATION (ISB-12) 3.1.1.7.) BEARING STUD PARTITION (IN BASEMENT (9.15.3.6.) 9.23.10.1.) 2"** PROVIDE CONTINUOUS BLANKET INSULATION UP TO GRADE LEVEL. BEARING STUD PARTITION (IN BASEMENT (9.15.3.6.) 9.23.10.1.) 2"* PROVIDE CONTINUOUS 18" (2000) LONG. EMBEDDED 4" (100) MIN. INTO CONC. @ 7-10" (2300) O.C. 4" (100) HIGH CONC. O. @ THE PLYTEN HERME FILM. 1/2" (12.7) Ø ANCHOR BOLTS 8" (200) LONG. EMBEDDED 4" (100) MIN. INTO CONC. @ 7-10" (2300) O.C. 4" (100) HIGH CONC. O. O. T. 2"*4" (38x89) SILL PLATE (2"x6" (38x140) AS REQUIRED) ON DAMPPROOFING MATERIAL OR 2 mil POLYETHYLENE FILM. 1/2" (12.7) Ø ANCHOR BOLTS 8" (200) LONG. EMBEDDED 4" (100) MIN. INTO CONC. @ 7-10" (2300) ON. A. SPAN BETWEEN COLUMNS 3 1/2" (90)Ø SINGLE TUBE ADJUSTABLE STEEL BASEMENT COLUMNS. 3 1/2" (90)Ø SINGLE TUBE ADJUSTABLE STEEL BASEMENT COLUMNS. 3 1/2" (90)Ø SINGLE TUBE ADJUSTABLE STEEL PLATE TOP 8 BOTTOM. FIELD WELD BASEMENT COLUMN CONNECTION. POURED CONCRETTE FOOTING ON ANTIPHAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa OR POWDE 34"34"x16" (870x870x410) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x19" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x19" (1060x1060x480) CONC. FOOTING 3 SILL PLATE OR ANCHOR STORE STORE STORE STORE STORE STORE STORE STO 3" (80) MIN. 25MPa (3600psi) CONC. SLAB ON 4" (100) CARRSE GRANULAR FILL, OR 20MPa (2900psi) CONC. WITH DAMPPROOFING BELOW SLAB. PROVIDE 1/2" (12.7) IMPERVIOUS BOARD FOR BOND BREAK AT EDGE. (9.13.) WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID INSUL AROUND THE PERIIMETER EXTENDING MIN. 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)) EXPOSED FLOOR TO EXTERIOR (9.10.17.10, & CANVULC-S705.2) PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL FIN. SOFFIT OR CLADDING AS PER ELEVATION TO U/S OF EXPOSED CANT. JOIST. SOFFIT OR CLADDING AS PER ELEVATION TO U/S OF EXPOSED CANT. JOIST. INSULATION 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INTERIOR FINISH OR APPROVED EG. **a** PERMIT THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF FLOOR 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)) WEEPING TILE (9.14.3.) 4" (100) Ø WEEPING TILE W FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER BASEMENT SLAB OR SLAB ON GRADE (9.16.4.3.) 3" (80) MIN. 25MPa (3600Dsi) CONC SLAB ON GRADE (9.16.4.3.) TEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.) (16) BEAM POCKET OR 8%" (2002200) POURED CONC. NB WALLS, MIN. BEARING 3 1/2" (90). (17) WOOD STRAPPING AT STEEL BEAMS (9.23.4.3.(3), 9.23.9.3.) (18) 4" (190,64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM. (18) GARAGE SLAB (9.16. 9.35.) (18) 4" (100) 32NPA (6640ps) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL 3 1/2" (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"x1/2" (120x250x12.7) WITH 2-1/2"0 x 12" LONG x 2" HOOK ANCHORS (2-12.70"x305x50). FIELD WELD COLUMN TO BASE PLATE & STEEL BM. NON-ADJUSTABLE STEEL BASEMENT COLUMN 3 1/2" [90]Ø x 0.188" (4.78) NON-ADJUSTABLE STEEL COLLIMN V (5A) 20 FOUNDATION REDUCTION IN THICKNESS FOR JOISTS WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNE PERMIT THE INSTALLATION OF FLOOR JOISTS, THE REDUCED SECTION NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK GUARD HIGHTS - O.B.C. 9.8.8. NITERIOR GUARDS: 2-11" (900) MIN. (LESS THAN 5-11" (1800) TO GRADE) EXTERIOR GUARDS: 2-11" (900) MIN. (MORE THAN 5-11" (1800) TO GRADE) GUARDS FOR EXIT STAIRS: 3-0" (920) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-6" (1070) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-6" (1070) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-6" (1070) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-5" (1000) OR MORE ABOVE ADJACENT SURFACE REQUIRES CONT. CURB MIN. 6" (150) HIGH, AND GUARD MIN. 3-6" (1070) HIGH. REQUIRED GUARDS BETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN BETWEEN WALKING SURFACE WAS SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 11. HANDRAL HEIGHTS - O.B.C. 9.8.7. - REQUIRED AS PER 9.8.7.1.(3) MIN. HEIGHT AT STAIRS OR RAMP: 3-2" (965) MAX. HEIGHT AT STAIRS OR RAMP: 3-2" (965) MAX. HEIGHT AT LANDING: 3-6" (1070) STAIRS OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. HEIGHT OR RAMP MIN. 7-3" (2200) WIDE: 2-9" (866) MIN. 7-3" (2200) WIDE 18) 4" (100) 32MPa (4640ps) CONC. SLAB WITH 5-8% AIR ENTRANMENT ON OPT. 4" (100) COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT @ 1% MIN. 19) 102" (12.7) GYPSUM BOARD ON WALLAND 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, CANVILC-S705.2) GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION 19A) 1/2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED OVER EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS ON 3/8" 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. (9.10.17.10, CANVILC-S705.2) PRIVATE 2-10" (660) MIN. RUN. 578" (150) MAX. NOSING 1" (25) PUBLIC 2-11" (600) MIN. AVG. RUN 7778" (200) MAX. NOSING 1" (25) PUBLIC 2-11" (600) MIN. AVG. RUN 7778" (200) *** 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 8-6" (33) 4" (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. (152X152X9.5) STEEL PLATE TOP & BOTTOM, HELD WELD BASEMENT COLLUMN WITH 6"X6"X3/8" CONNECTION. POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 75KPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150KPa AS PER SOILS REPORT. SUPPORTING 2 STOREY FLR. LOAD PROVIDE 42"X42"X18" (1070x1070x460) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 48"X48"X20" (1070x1070x460) CONC. FOUNDATION REDUCTION IN THICKNESS FOR MASONRY WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS T PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING. THE REDUCED SECTION SHALL RE NOT LECC THAN ASON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE REDUCED SECTION SHALL RE NOT LECC THAN A SON OF THE RESULT OF THE REDUCED SECTION SHALL RESULT OF THE RESU **GUARDS/RAILINGS** (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. EXPOSED CEILING TO EXTERIOR W/o ATTIC HERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO RMIT THE INSTALLATION OF MASONRY EXTERIOR FACING. THE REDUCED CTION SHALL BE NOT LESS THAN 3 1/2" (9) THICK. THE BROWNEER SHALL TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES TO THE FOUNDATION WALL WITH CORROSION FILL VOID WITH MORTAR TWEEN WALL AND 2"-11" (889) HORIZONTAL FILL VOID WITH MORTAR TWEEN WALL AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3)) HEADER CONSTRUCTION 34A HEADER CONSTRUCTION PROVIDE CONTINUOUS, APPROVED AIR/VAPOUR BARRIER (HEADER WRAP) UNDER THE SILL PLATE, ARQUIND THE RIM BOARD AND UNDER THE BOTTOM PLATE. THE HEADER WRAP SHALL EXTEND 6' (152) BELOW THE TOP OF FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE FOUNDATION WALL EXTEND HEADER WRAP 6' (152) UP THE INTERIOR SIDE OF THE STUD WALLAND OVERLAP WITH THE VAPOUR BARRIER AND SEAL THE JOINT. ALL EDGES/JOINTS MUST BE MECHANICALLY CLAMPED. (22) CAPPED DRYER EXHAUST VENTED TO EXT. CONFORMING TO PART 6, OBC 9.32. (1) 23) ATTIC ACCESS (9.19.2.1.) ATTIC ACCESS HATCH WITH MINL 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 INSULATED WITH MIN. R20 (RSI 3.52) ([SB-12] 3.1.1.8.(1)) (24) FIREPLACE CHIMNEYS (9.21.) 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. PARTY WALL BEARING (9.23.8) 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. 3.12" (89)) ON CONC. BLOCK PARTY WALL, ANCHORED WITH 2-3/4" (2-19) x 8" (200) LONG GALV. ANCHORS WITHN SOLID BLOCK COURSE. LEVEL W/ NON-SHRINK GROUT. REFER TO NOTE SOLID BEARING (SECTION 3.0) FOR WD. STUD PARTY WALL. (28) 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.) (39) (38) CONVENTIONAL ROOF FRAMING (9.23.13., 9.23.15.) 2"X6" (38X,140) RAFTERS @ 16" (406) O.C., 2"X8" (38X,184) RIDGE BOARD. 2"X4" (38X,89) COLLAR TIES AT MID-SPAN, CEILING JOISTS TO BE 2"X4" (38X,89) O.C. FOR MAX. SPAN, 2"3" (2819) SPAN & 2"X6" (38X,140) @ 16" (406) O.C. FOR MAX. SPAN, 14-7" (4450), RAFTERS FOR BUILT UP ROOF OVER PRE-ENGINEERED ROOF TRUSSES AND OR CONVENTIONAL FRAMING TO BE 2"X4" (88X,89) @ 24" (610) O.C. UNLESS OTHERWISE SPECIFIED. (36) 34 FLOOR FRAMING TRG SUBFLOOR ON WO (26) MECHANICAL VENTILATION (9.32.1.3.) MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR, TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR. SEE GENERAL NOTE 2.3. 25 PROVIDE 4 SHELVES MIN. 14" (356) DEEP 27 (37) RANGE HOODS AND RANGE-TOP FANS COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST CONFORM TO OBC 9.10.22. 9.32.3.9. 8 9.32.3.10. WALL ASSENBLY CONTAINS INSULATION CONFORMING TO CANULC-S702 & HAVING A MASS OF NOT LESS THAN 1.22 KGM/2.00 FWALL SUPFACE AND 1/2" (12.7) TYPE X GYPSUM WALLBOARD INTERIOR FINISH. EXTERIOR CLADDING MUST BE NON-COMBUSTIBLE WHEN LIMITING DISTANCE IS 23.5/8" (0.60m) O'R LESS, WALL ASSEMBLY REQUIRES TO HAVE A FIRE RESISTANCE RATING OF WOT LESS THAN 4.5 MINUTES & CONFORMING TO 0.B.C. (9.10.14, O.R.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, O.R.9.10.15.) REFER TO DETAILS FOR TYPE & SPECS. ** AN OPENING IN AN EXPOSING BUILDING FACE NOT MORE THAN 3.0 MINUTES & CONFORMING TO DESCRIPTION OF THE WORLD AND THE WORLD A (33) 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. FURNACE 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. (31) CONC. PORCH SLAB (9.16.4.) MIN. 4" (100) CONCRETE SLAB ON GRADE ON 4" (100) COARSE GRANULAR FILL, 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. (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" (3.38X140) 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 22 DRYER EXHAUST CAPPED DRYER EXHAU COLD CELLAR PORCH SLAB (9.39.) FOR MAX. 8'-2" (2500) PORCH DEPTH. 5" (127). EXTERIOR AND GARAGE STEPS PRECAST CONC. STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER. MAX RISE 7 7/8" (200), MIN. TREAD 9 1/4" (235), FOR THE REQUIRED NUMBER OF STEPS REFER TO SITING AND GRADING DRAWINGS. EXTERIOR CONCRETE STARS WITH MORE THAN 2 RISERS AND 2 TREADS SHALL BE PROVIDED WITH FOUNDATION AS REQUIRED BY ARTICLE 9.8.9.2. OR SHALL BE CANTILEVERED AS PER SUBSECTION 9.8.10. STUDS ARE TO BE CONTINUOUS, C/M 3/8" (9.5) THICK EXTERIOR PLYWOOD SHEATHING, PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 4-0" (1220) O.C. VERTICALLY. TWO STOREY VOLUME SPACES OR MAX. 8:2º (2500) PORCH DEPTH. 5º (127) 32 MPa (4640ps)) CONC. SLAB W/5-8% AIR ENITANMENT. REINF. WITH 10M BARS @ 7 7/8º (200) O.C. EACH DERCTION. 11/4º (23) CLEAR COVER FROM BOTTOM OF SLAB TO FIRST AVER OF BARS & SECOND LAVER OF BARS LAID DIRECTLY ON 1070 OF LOWER AYER IN OPPOSITE DIR. 24°x24" (610x610) 10M DOWELS @ 23 5/8" (600) O.C., NICHORED IN PERIMETER FND. WALLS. SLOPE SLAB 1.0% FROM DOOR. NOR FRAMING (9.23.3.5., 9.23.9.4., 9.23.14.) SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION O.B.C. 9.30.6. ALL JOISTS WHERE REQUIRED TO BE BRIDGED WITH "2"Z" 38) CPOSS BRACING OR SOLD BLOCKING @ 6-11" (2108) O.C. WAX. ALL STS TO BE STRAPPED WITH 1"X3" (19x64) @ 6-11" (2108) O.C. UNLESS A EL TYPE CEILING FINISH IS APPLIED. (9.23.10.1., 9.23.11., 9.23.16.) cont. SECTION 1.0. CONSTRUCTION NOTES 47 46 (41B) (41A) **40** 45 4 43 42 <u>4</u> 40 11.2" (12.7) GYPSI IM CHEATLING CONC. BLOCK) MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.I.F.S. (MINIMUM) ON APPROVED DENAINAGE MAT ON 1/2" (12.7) DENSCLASS GOLD GYPSUM BOARD ON STUDS CONFORMING TO O.B.C. (9.23 no.1), 8 SECTION 1.1. INSULATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. HNISH. (REFER TO 35 NOTE AS REQUIRED) 11A STUCCO WALL CONSTRUCTION W/ CONTIN. INSULATION WALLBOARD INT. HNISH. (REFER TO 35 NOTE AS REQUIRED) APPROVED DENAINAGE MAT ON APPROVED AIRWATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENIED AS PER MANUFACTURERS SPECIFICATIONS, ON 7/16" EXTERIOR TYPE STEATHING ON STUDS CONFORMING TO O.B.C. (9.23 no.1). 8 SECTION 1.1. INSULATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED) PANEL FOR UNDERSIDE OF SC BALCONY CONDITION SEE FI AT BODE/BAL CONV. SLOPED CEILING CONSTRUCTION ([SB-12] 2.1.1.7., 9.23.4.2.) SLOPED CEILING CONSTRUCTION ([SB-12] 2.1.1.7., 9.23.4.2.) SLOPED CEILING CONSTRUCTION ([SB-12] 2.1.1.7., 9.23.4.2.) 27.12" (38-286) ROOF JOISTS @ 16" (406) O.C. MAX. (UNLESS OTHERWISE NOTEC) W. 2X2" (38-38) PURLINS @ 16" (406) O.C. PERPENDICULAR TO ROOF JOIST (PURLINS NOT REQ. W. SPRAY FOAM), W. INSULATION BETWEEN JOIST, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE THE INNER FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE THE INNER STIRFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 RS). BARREL VAULT CONSTRUCTION CANTILEVERED 2"x4" (38x89) SPACERS LAID FLAT ON 2"x10" (38x235) SPR. #2 ROOF JOIST NAILED TO BUILT-UP 3:3/4" (19) PLYWOOD HEADER PROFILED FOR BARREL. SPRAY FOAM INSULATION BETWEEN JOISTS W/ GYPSUM BOARD. INTERIOR FIN. (REFER TO DETAILS) STUD WALL REINFORCEMENT PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM CONFORMING TO O.B.C. (9.5.2.3.(1) AND 3.8.3.8.(3)) (REFER TO DETAILS) 2 HR. FIREWALL ((SB-3) WALL TYPE '866' & '81b') 1/2" (12.7) GYPSLM SHEATHING ON EACH SIDE ON 2"X2" (38x38) VERTICAL WOOD STRAPPING @ 24" (610) O.C ON 8" (200) CONC. BLOCK 75% SOLID. FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE, FILL & SAND ALL GYPSUM JOINTS. AT UNFINISHED AREAS, EXTERIOR FACE OF CONC. BLOCK TO BE SEALED WITH 2 COATS OF PAINT. GYPSUM SHEATHING TO BE ATTACHED TO CONC. BLOCK. (REFER TO DETAILS) 1 HR. PARTY WALL (DOUBLE STUD). (ISB-3) WALL TYPE W13c) 5/8" (15.9) TYPE X GYPSUM SHEATHING ON EXTERIOR SIDE OF 2 ROWS OF 2X4" (38889) STUDS @ 16" (406) O.C. MIN. 1" (25) APART ON SEPARATE 2"X4" (38889) SILL PARTES. (2"X6" (38X140) AS REQUIRED) FILL ONE SIDE OF STUD CAVITY WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE FILL AND SAND ALL GYPSUM JOINTS. FLAT ROOF/BALCONY CONSTRUCTION STUCCO FINISH CONFORMING TO O.B.C. S WINDOW WELLS DS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1., 1/2" (1.27) GYPSUM LEOARD INT, FINISH, (REFER TO 35 NOTE AS REQ.) LEOARD INT, FINISH, (REFER TO 35 NOTE AS REQ.) OR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION, OR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION, VIDE APPROVED DRAINAGE MAT ON 7/16" (11) EXTERIOR TYPE SHEATHING REPRING (AS REQ.) AND STUDS IN LIEU OF 1 1/2" (38) E.F.I.S (MINIMUM) APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BRD. BARS IN TOP PORTION OF WALL (UP TO 8-0" OPENING) BARS IN TOP PORTION OF WALL (8-0" TO 16-0" OPENING) BARS IN TOP PORTION OF WALL (10-0" TO 15-0" OPENING) STACKED VERTICALLY AT INTERIOR FACE OF WALL ORCING AT BASEMENT MINITONIA ROOFING MEMBRANE (9.26.11, 9.26.15, 9.26.16) FULLY ADHERED TO 5/8" G EXTERIOR GRADE PLYWOOD SHEATHING ON 2"2" (38x38) PURLINS TOWARDS SCUPPER (9.2% MINIMUM LAID PERPENDICULAR TO 2"X8" FLOOR JOISTS (9.16" (406) O.C. (UNLESS OTHERWISE NOTED). BUIL UP BE 4" (100) MIN. ABOVE FINISHED BALCONY FLOOR, CONVINUOUS 'L'. IP EDGE TO BE PROVIDED ON OUTSIDE FACE OF CURB. SCUPPER DRAIN OXATED 24" (610) MIN. AWAY FROM HOUSE. PREFINISHED ALLMINUM OR DR UNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE REQ. VOPENS INTO A WINDOW WELL, A CLEARANCE OF NOT (550) SHALL BE PROVIDED IN FRONT OF THE WINDOW. JELL SHALL BE DRAWIND TO THE FOOTING LEVEL OR LOCATION WITH A 4" (100) WEEPING TILE CW A FILTER DFILLED WITH CRUSHED STONE. (9.9.10.1.(5), 9.14.6.3.) A HEATED SPACE CONDITION LCONY CONSTRUCTION NOTE FOR ASSEMBLY, REFER TO JOIST SIZE & REFER TO HEX NOTE 9 FOR INSULATION AND ONSTRUCTION NOTE. INCLUDE 2"x4" (38x89) PT. AID FLAT PARALLEL TO JOISTS ON 2"x4" (38x89) C. LAID FLAT PERPENDICULAR TO JOISTS OCK) ((SB-3) WALL TYPE 'B66' & 'B1b') CH SIDE ON 2"×2" (38×38) VERTICAL WD. 1) CONC. BLOCK FILL STBAPPING OF ABSORPTIVE MATERIAL LASS. TAPE. FILL & SAND ALL GYPSUM FALED W/ 2 COATS OF PAINT OR PING & 1/2" (12.7) GYPSUM SHEATHING. ECTION 9.28. AND APPLIED PER 1/2" (38) E.F.I.S (MINIMUM) ON ENSGLASS GOLD GYPSUM BRD. ON EN. S. ECTION 1.1., 1/2" (12.7) GYPSUM (9 15 4 2) S SECTION 1.1. WALL STUDS SECTION 3.0. LEGEND 2.10. ULC SPECIFIED ASSEMBLIES ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY ULC LISTED ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY ULC LISTED 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 LISTING: THERE SHALL BE NO DEVIATIONS UNDER ANY CIRCUMSTANCES IN ANY ULC LISTED ASSEMBLY IDENTIFIED IN THESE DRAWINGS. 5) JOIST HANGERS: PROVIDE APPROVED METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS. NITERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS. 8) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATUE, IN CONTACT WITH CONCRETE. SHALL BE SEPARATED FROM THE CONC. BY AT LEAST 2 mil POLYETHYLENE FILM, No.50 (45lbs) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE GROUND. 2.7. ROOF OVERHANGS 1) ALL ROOF OVERHANGS SHALL BE 1-0" (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. 2.4. LUMBER 2.4. LUMBER 3) ALL LUMBER SHALL BE SPRUCE No.2 GRADE OR BETTER, UNLESS NOTED OTHERWISE. 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. 4) ALL LAMINATED VENEER LUMBER (LVL) BEAMS, GIRDER TRUSSES, AND METAL HANGER CONNECTIONS SUPPORTING PROOF FRAMING TO BE DESIGNED & CERTIFIED BY FLOOR AND ROOF TRUSS MANUFACTURER. 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/ MN. 0.35m2 UNOBSTRUCTED OPEN 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. 2.6. FLAT ARCHES 1) FOR 9-0" (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. 2) FOR 10'-0" (3040) CEILINGS, FLAT ARCHES SHALL BE 8'-6" (2600) A.F.F. 2.3. MECHANICAL / PLUMBING 1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGE PER HOUR 1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGED OVER 24 1F NOT AR CONDITIONED 1 PER HOUR IF AIR CONDITIONED AVERAGED OVER 24 HOURS, WHEN A VENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED CONFORM TO OBC 9.32.3.4 WHEN A HRV IS REQUIRED, CONFORM TO 9.32.3.11. REFER TO MECHANICAL DRAWINGS. A) REFER TO TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS 2.2. CEILING HEIGHTS THE CEILING HEIGHTS OF ROOMS AND SPACES SHALL CONFO **ECTION** ROOM OH STACE LVING ROOM, DINING ROOM AND KITCHEN REFER TO HOT WATER TANK MANUFACTURER SPECS. CONFORM TO OBC 9.31.6. REFER TO TITLE PAGE FOR SPACE HEATING EQUIPMENT, HRV AND DOMESTIC DY WATER HEATER MINIMUM EFFICIENCIES. 2"x4" 38x89) 3.1. WOOD LINTELS AND BUILT-UP WOOD (DIVISION B PART 9. TABLES A8 TO A10 AND A12, A15 & A16) BASEMENT 3.2. STEEL LINTELS SUPPORTING MASONRY VENEER (DIVISION B PART 9. TABLE 9.20.5.2.B.) FORMING PART OF SENTENCE O ON E O (A) & O ON E O (A) OW GUARDS: A GUARD OR A WINDOW WITH A MAXIMUM RESTRICTED G WIDTH OF 4" (100) IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS D LESS THAN 1.7" (480) ABOVE FIN, FLOOR AND THE DISTANCE FROM THE D FLOOR TO THE ADJACENT GRADE IS GREATER THAN 5-11" (1800), (9.8.1.1) OWS IN EXIT STAIRWAYS THAT EXTEND TO LESS THAN 2-11" (900) [3-6" (1070) COTHER BUILDINGS] SHALL BE PROTECTED BY GUARDS IN ACCORDANCE DTE #2 (ABOVE). OR THE WINDOW SHALL BE NON-OPERABLE AND DESIGNED DISTAND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN CORD A 8 8 0 ROOF W/ OR ROOF W/o ATTIC ATTIC E (9.23.4.3.) JAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. HOLLOW STIONS SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W CLASS "H". JING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R. HEAT RECOVERY UNIT(S) WILL BE INSTALLED CONFORMING TO THE OF 3.1.1.12. OF THE O.B.C. 2.0. GENERAL NOTES HALL BE LOCATED OR THE BUILDING SITE GRADED SO THE WATER LATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY PROPERTIES. CONFORM TO 9.14.6.

SA SMOKE ALARM (9.10.19.)

SA SMOKE ALARM (9.10.19.)

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 WRED TO BE INTERCONNECTED TO ACTIVATE ALL ALARMS IF ONE SOUNDS, ALARMS ARE TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET TEMPORAL SOUND PATTERNS WIN. ALARMS SHALL HAVE, A VISUAL SIGNALLING COMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72".

CMD CARBON MONOXIDE ALARM (9.33.4.

NOT LESS THAN THE WIDTH OF NOT THE WIDTH OF SUPPOHTED MEMBER. BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH OF STORES THAN 3' (76) NAILS 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.)

SOLID BEARING (BUILT-UP WOOD COLUMNS AND STUD POSTS)
HOF A WOOD COLUMN SHALL NOT BE LESS THAN THAN THE WIDTH OF

BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S)
CANVCGA-6:19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH
ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARM(S)
NEENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS
SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

 \longrightarrow TWO STOREY VOLUME SPACE. SEE CONSTRUCTION NOTE 39.

VARYING PLATES, BUILT-OUT FLOORS, BEARING WALLS, ICE & WATER SHIELD

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ROUGH IN FOR ELECTRIC VEHICL CHARGING STATION (9.34.4)

LIGHT FIXTURE (CEILING MOUNTED)

LIGHT FIXTURE (PULL CHAIN)

₩ •

CHANDELIER (CEILING MOUNTED)

TELEPHONE JACK

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EXHAUST VEN

CCORDANCE WITH SECTION 9.34

ALL ELECTRICAL FACILITIES SHALL

ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1.

MINIMUM HEIGHTS

7-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 6:-11" AT ANY POINT

7-7" OVER 50% OF REQUIRED FLOOR AREA OR 6:-11" OVER ALL OF THE REQUIRED FLOOR AREA OR 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".

6:-11" IN ANY AREA WHERE A PERSON WOULD NORMALLY BE STANDING

UNSUPPORTED HEIGHT, WALL NEEDS TO BE

NG AS REQUIRED FOR EXTERIOR 1 OF THIS UNIT FOR CONFIRMATION INFORMATION.

3.3. DOOR SCHEDULE SECTIONS 9.5.11. 9 6 0 7 0 4

PROVIDE 8'-0" HIGH INTERIOR DOORS FOR ALL 10' CEILING CONDITIONS

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SECTION 4.0. CLIMATIC DATA
DESIGN SNOW LOAD (9.4.2.2.):
WIND LOAD (q50) (SB-1.2.):

REFER TO HEX NOTE 35. & DETAILS FOR TYPE AND SPECIFICATIONS.

1 HR. PARTY WALL
REFER TO HEX NOTE 40.

2 HR. FIREWALL REFER TO HEX NOTE 40A.

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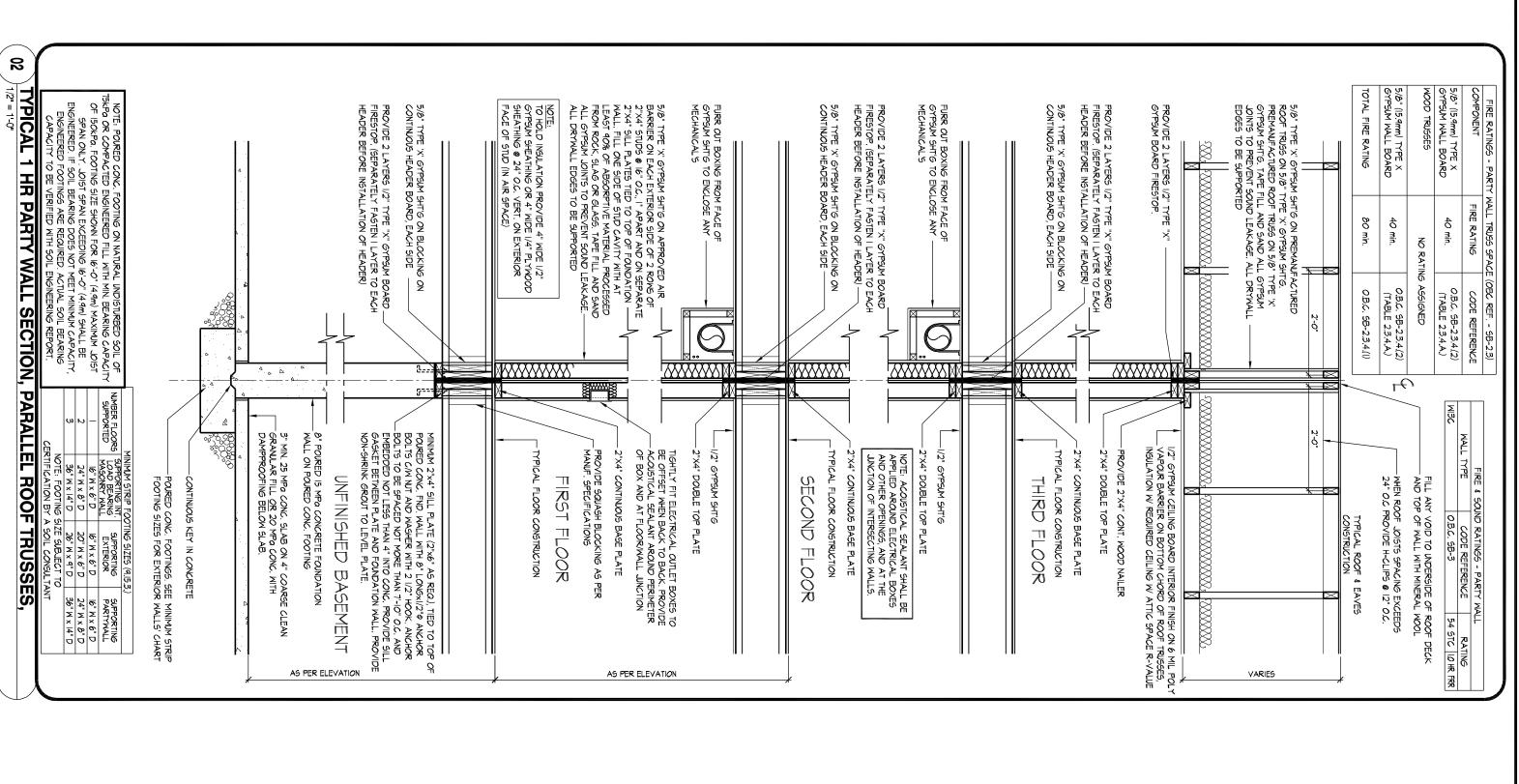
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CONSTRUCTION NOTES 1 & 2
UNIT 1703

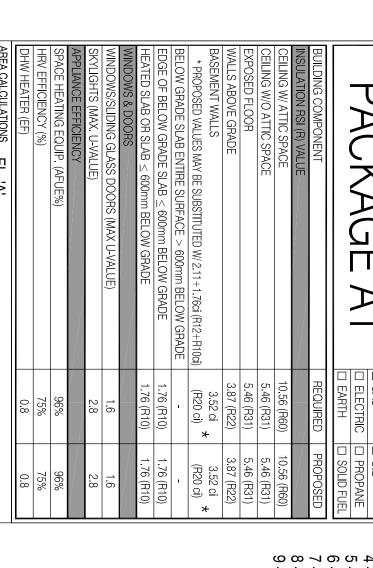
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CATIONS AND TO CONFORM TO THE
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6. ISSUED FOR FINAL APPRO	7	

GROSS WINDOW AREA (INCL. GLASS DOORS & SKYLIGHTS)

GROSS WALL AREA

EL. A STD. PLAN 4226 sq. ft. (392.61 sq. m.) 435 sq. ft. (40.41 sq. m.)

EL. A
CRN. PLAN
4226 sq. ft.
(392.61 sq. m.)
507 sq. ft.
(47.10 sq. m.)
12.00 %

NDOW / WALL AREA

TOTAL WINDOW %

(40.41 sq. m.) 10.29 %

DEDUCT ALL OPEN AREAS
TOTAL NET AREA

ROUND FLOOR AREA

STD. PLAN 586 sq. ft. 1018 sq. ft. 1083 sq. ft. 2687 sq. ft.

IRD FLOOR AREA

COVERAGE W/OUT PORCH

0 sq. ft. 2687 sq. ft. (249.63 sq. m.) 970 sq. ft. (90.12 sq. m.) 1177 sq. ft. (109.35 sq. m.)

1 1702	DESIGN MATRIX
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SB-12

ENERGY

EFFICIENCY

- 2 BASEMENT PLAN. EL. 'A', GROUND FLOOR PLAN. EL 'A'
 3 MAIN FLOOR PLAN. EL 'A', THIRD FLOOR PLAN EL. 'A', ROOF PLAN
 4 FRONT & REAR ELEVATION 'A'
 5 FLANKAGE ELEVATION 'A'
 6 CORNER UPGRADE ELEVATION 'A'
 7 CROSS SECTION 'A-A' & DETAILS
 8 PARTIAL CROSS SECTION & DETAILS
 9 CONSTRUCTION NOTES 1 & 2

	1. ISS	2. RE	3. CO	4. RE	5. RE	6. ISS	7 -	
REVISIONS	ISSUED FOR CLIENT REVIEW	REVISED AS PER CLIENT'S COMMENTS (2018)	3. COORDINATE AS PER ROOF TRUSS & FLOOR MANUFACTURE PLANS	REVISED AS PER STRUCTURAL ENGINEER COMMENTS	5. REVISED AS PER ARCHITECTURAL CONTROL COMMENTS	6. ISSUED FOR FINAL APPROVAL		
DATE (YYYY/MM/DD)	2018.09.14	REV 2018 10 18	•	REV 2018 08 07	•	•	-	

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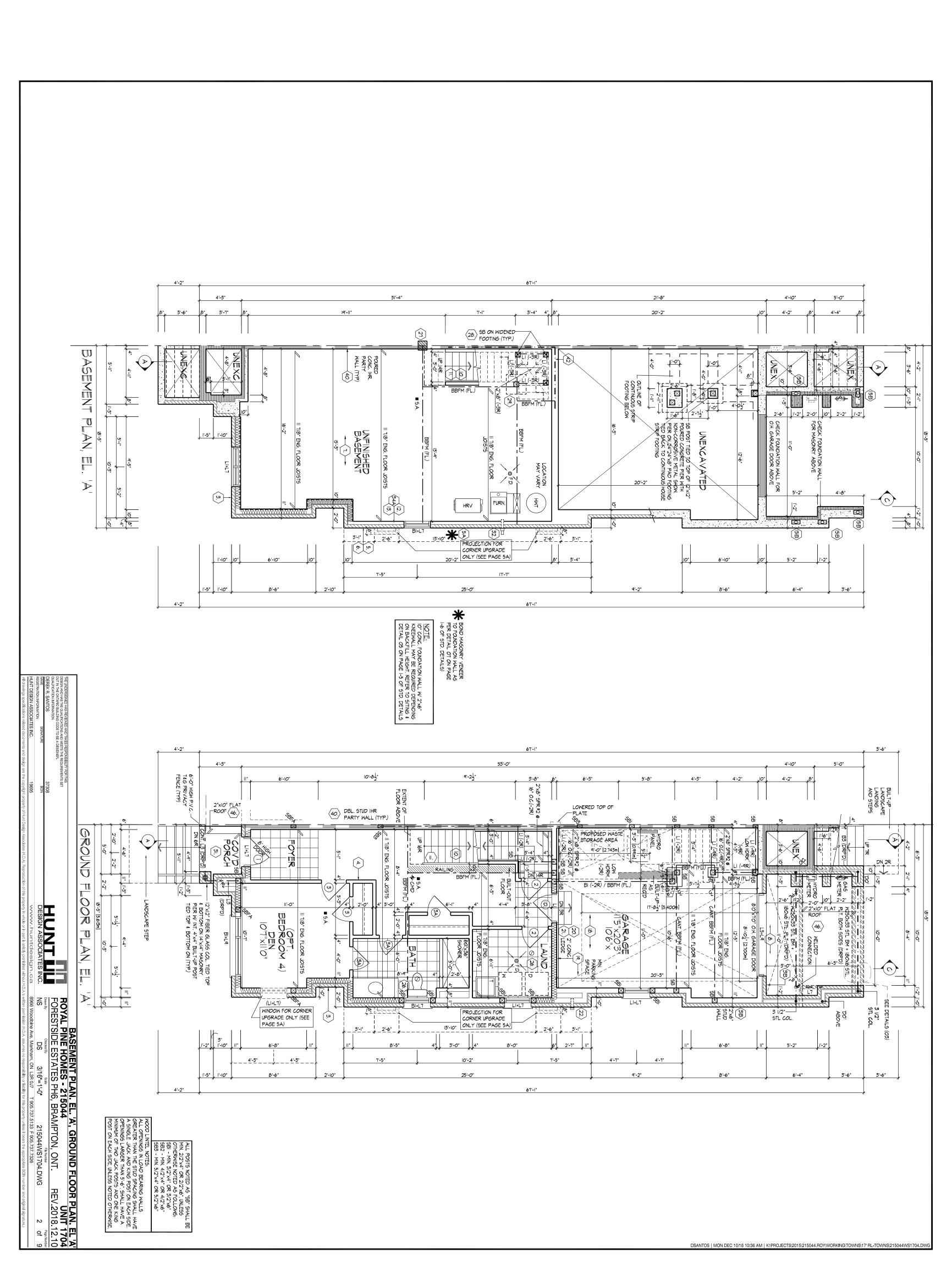
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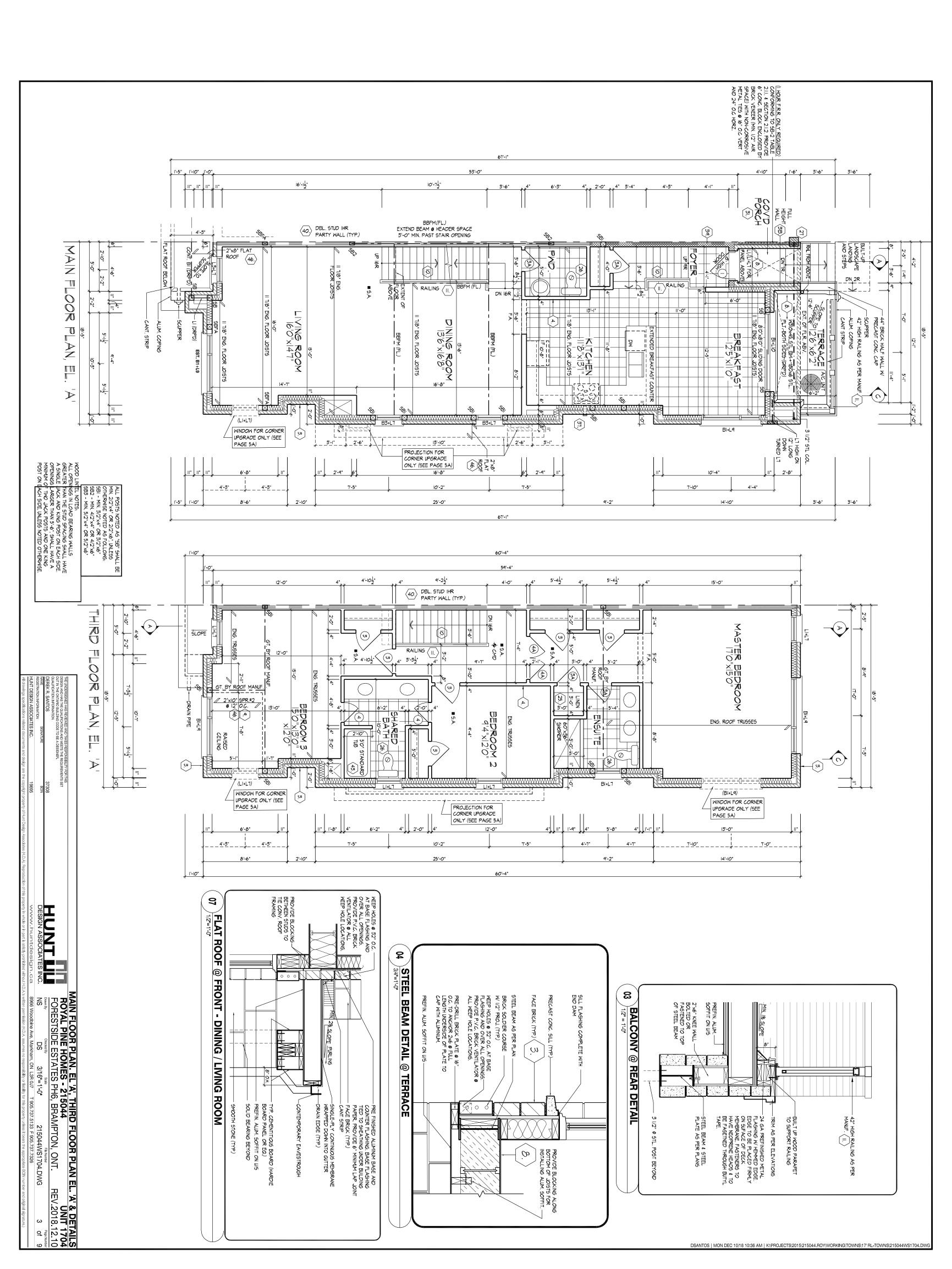
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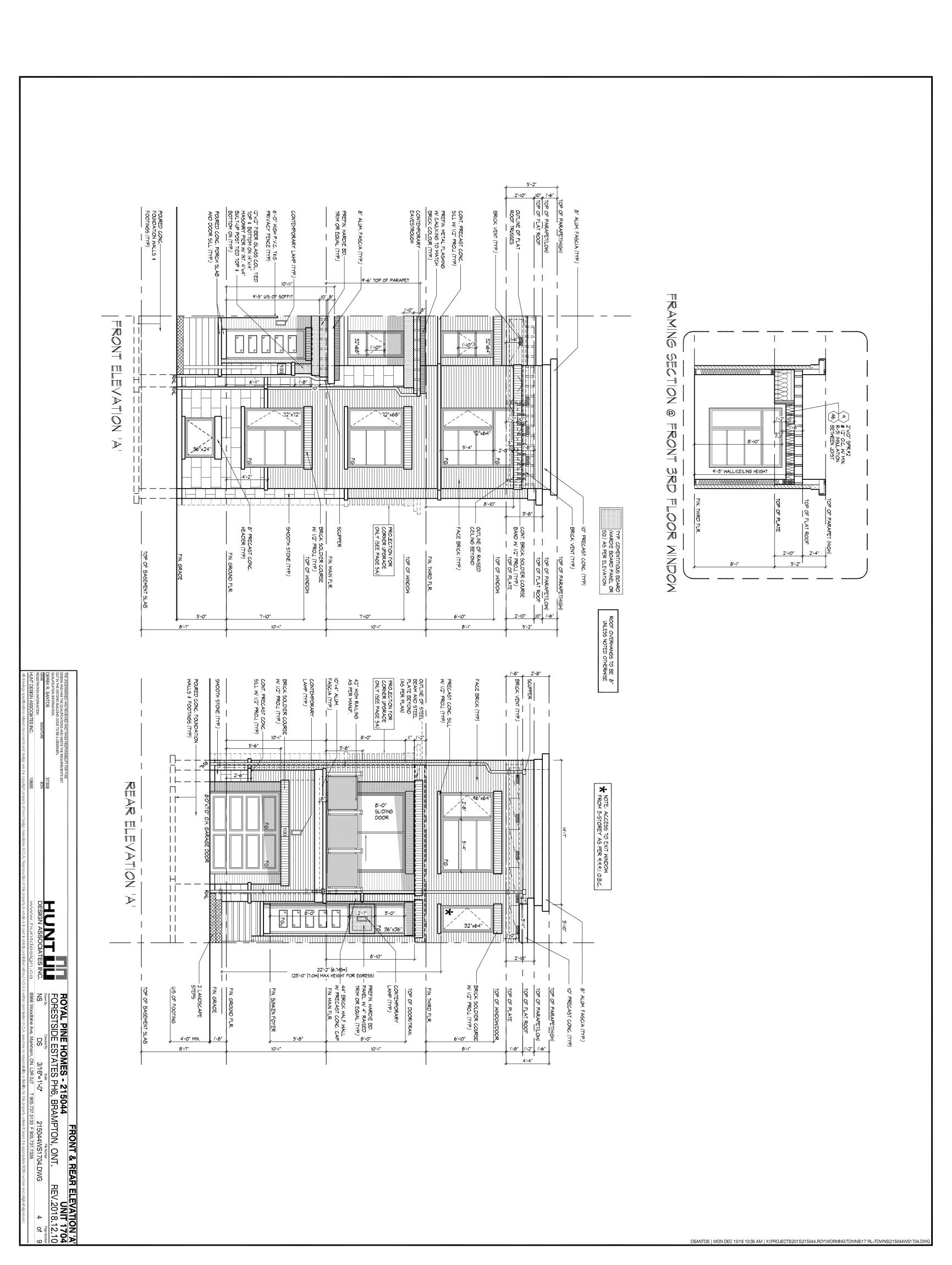
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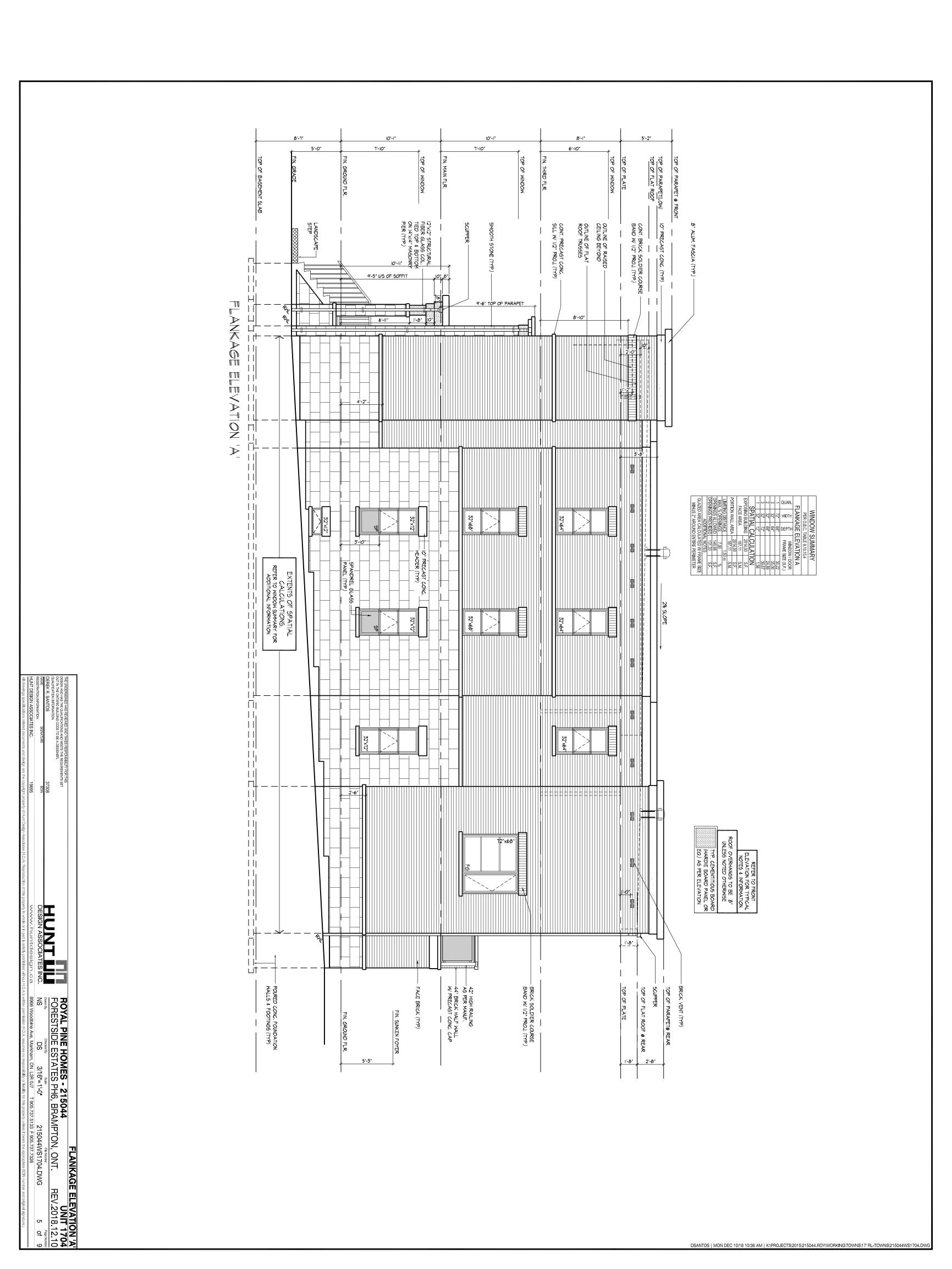
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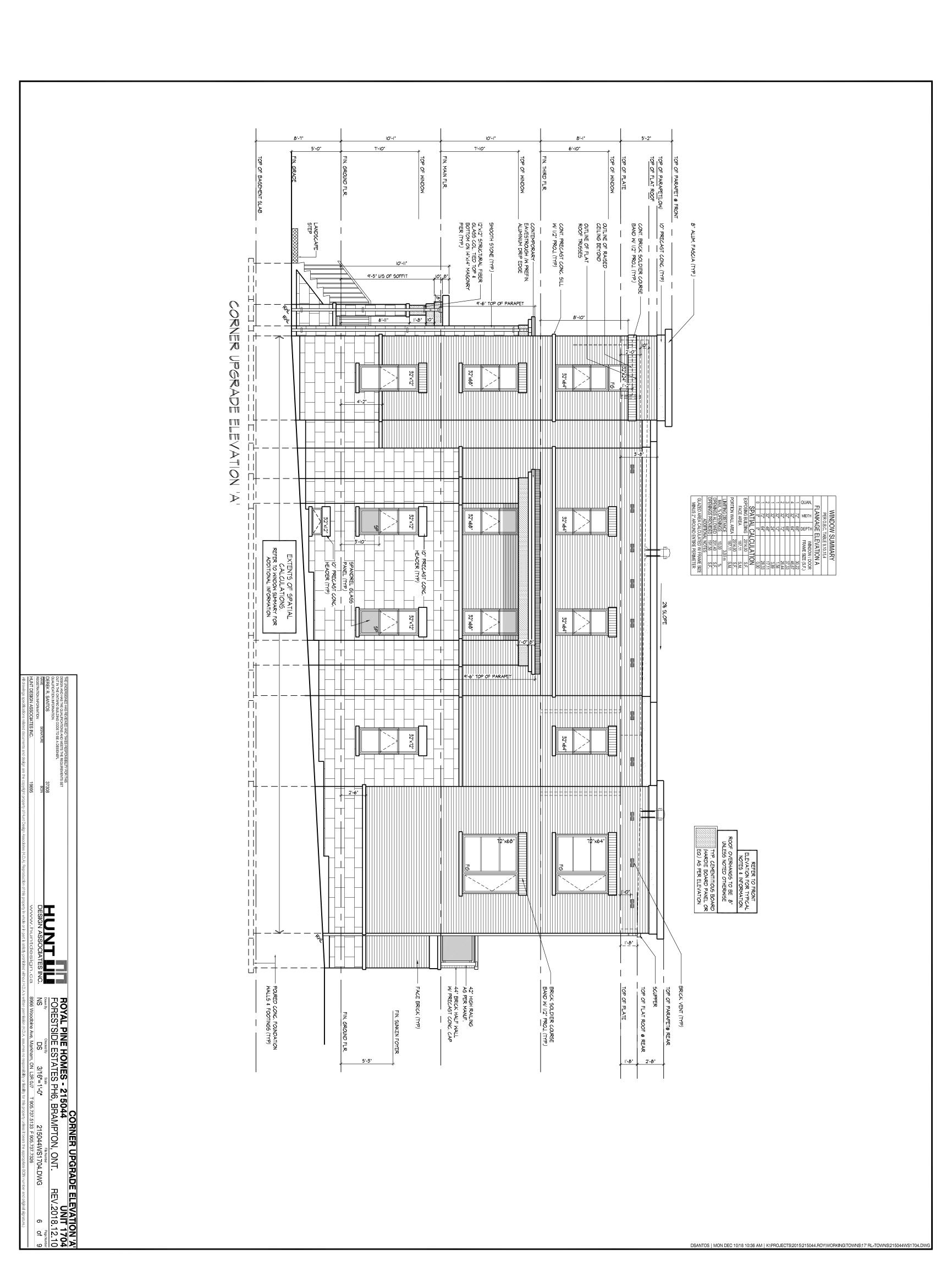
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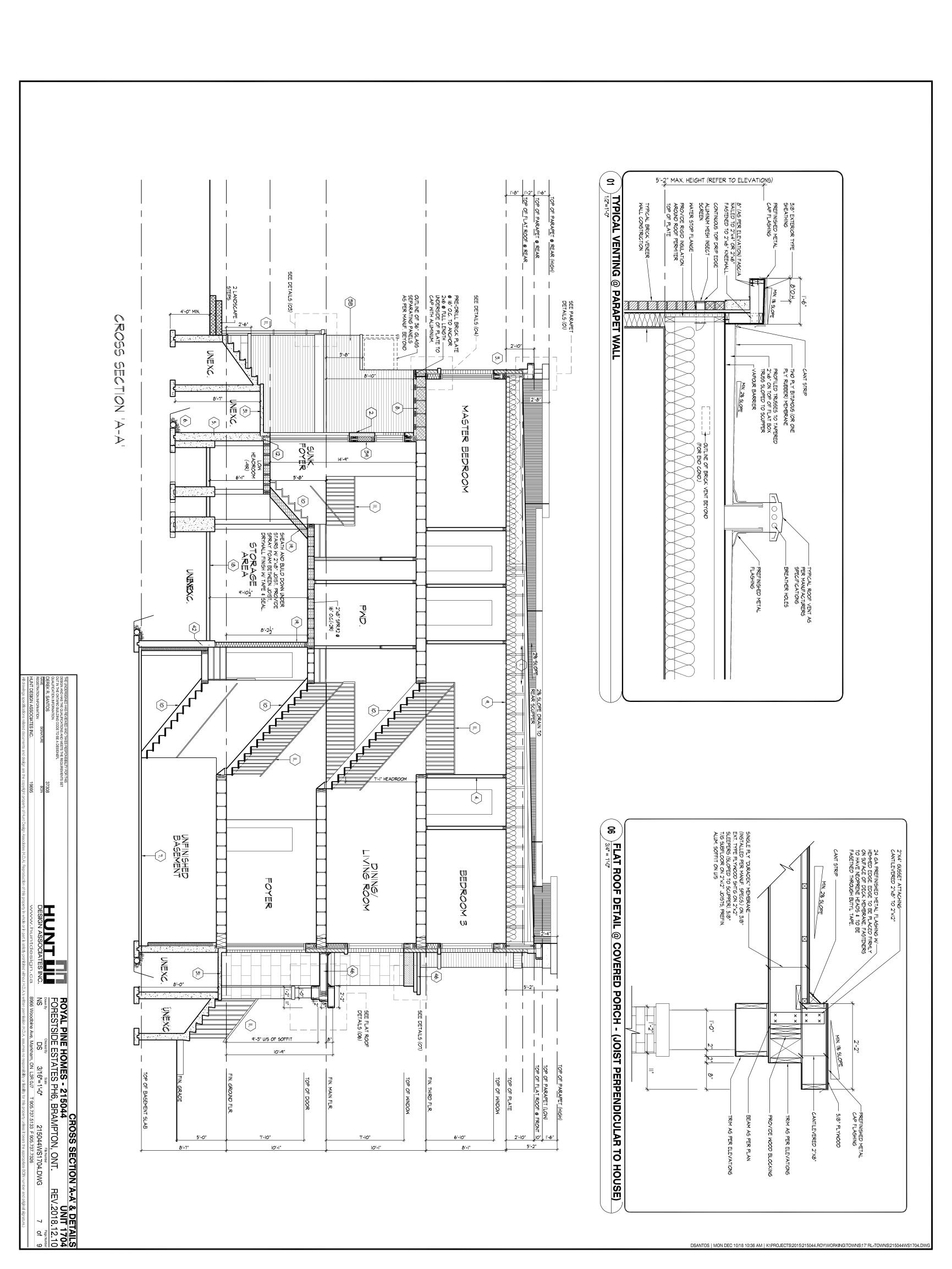


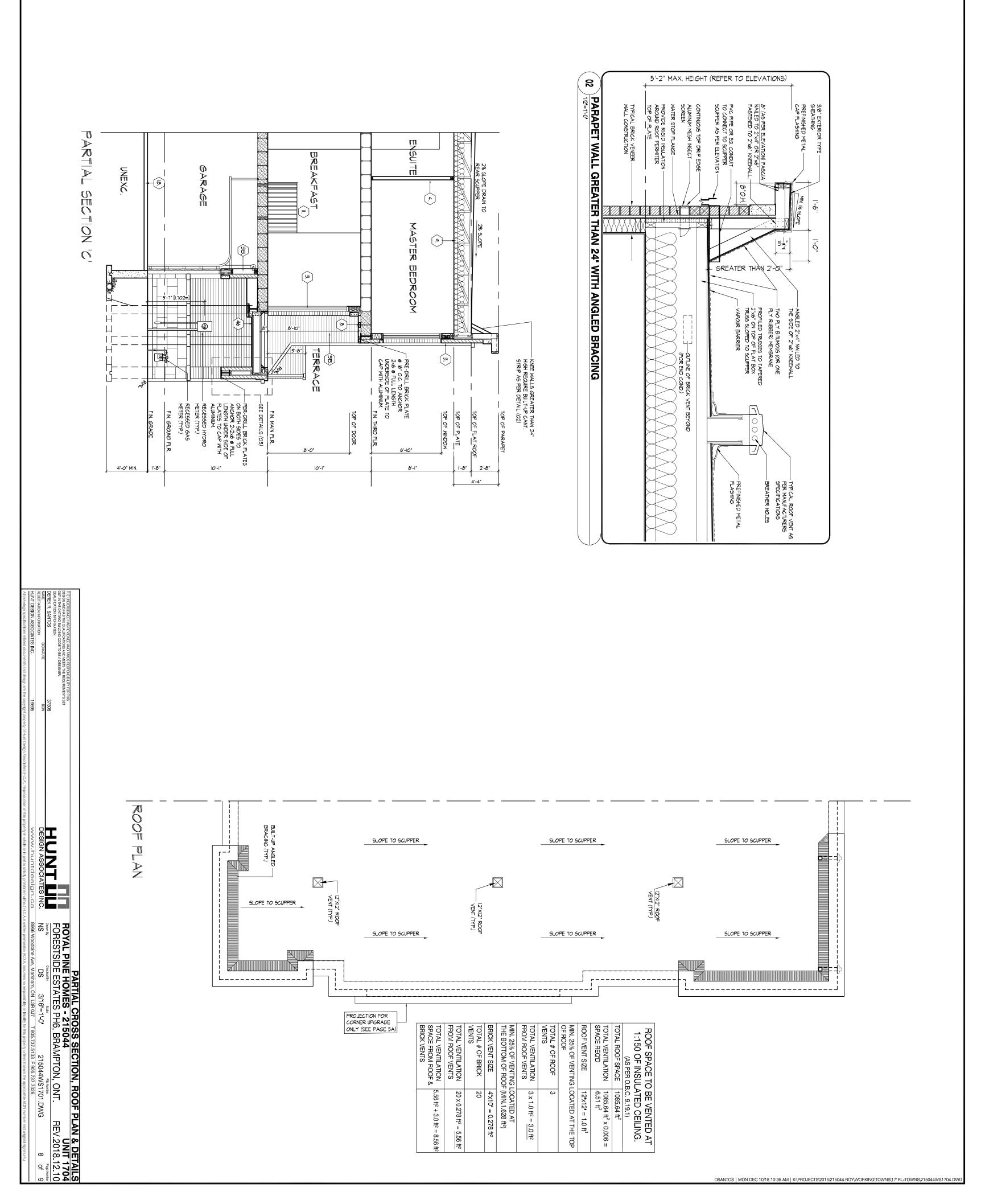












FURRING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 3/8" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1) & SECTION 1.1.1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINBSH. ((3PYSUM SHEATHING, RIGID INSULATION AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 38 NOTE AS REQ.) BRICK VENEER WALL CONSTRUCTION 3 BRICK VENEER WALL CONSTRUCTION 16" (400) O.C. LHORIZ 24" (600) O.C. VERT. BONDING AND FASTEM-10". BRICK VENUEER WALL CONSTRUCTION W/ CONTIN. INSULATION 3 1/2" (90) BRICK VENUEER 1" (25) AIR SPACE 7/8*X"***(0.03" (22x180x0.76) GALV METAL TIES (9) 18" (400) O.C. HORIZ 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9,209, ON APPROVED AIR/WAITER BARRIER AS PER O.B.C. 9,27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 398" (9,5) EXTENIOR 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 INTERIOR FINISH, PROVIDE WEEP HOLES (9.22" (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) SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS, FURRING MEMBERS OR 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, 8. SECTION 1.1., INSULATION, APPROVED 6 MIL POLYETHYLENE ARPVAPOUR BAPARIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN. (GYPSUM SHEATHING, RIGID INSULATION, AND HIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.) SIDING WALL CONSTRUCTION W/ CONTIN. INSULATION SIDING MATERIAL AS PER ELEVATION ATTACHED TO FI IDDING NATURE OF ADDITION. EXT. LOFT WALL CONSTRUCTION - NO CLADDING (4A) BEXT. LOFT WALL CONSTRUCTION - NO CLADDING (5ECTION 1.1, INSULATION AND 6 mil POLYENHYLENE VAPOUR BA APPROVED CONIT. AIR BARRIER, 1/2" (12.7) GYPSI IM MANAGEMENT TO APPLICATION OF TAXABLE PROPERTY. AIR STATEMENT OF TAXABLE PROVED CONIT. AIR BARRIER, 1/2" (12.7) GYPSI IM MANAGEMENT OF TAXABLE PROVED CONIT. AIR BARRIER, 1/2" (12.7) GYPSI IM MANAGEMENT. LOFT WALL. | INTERIOR STUD PARTITIONS | (9.23.9.8., 9.23.10) | BEARING PARTITIONS SHALL BE A MINIMUM 2"x4" (38x89) @ 16" (406) O.C. FOR 2 STOREY AND 12" (305) O.C. FOR 3 STOREY, NON-BEARING PARTITIONS 2"x4" (38x89) PATE AND 2-2"x4" (238x89) TOP PLATE. 1/2" (12.7) INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 2"x6" (38x440) STUDS, WHERE NOTED, PROVIDE 2"x4" (38x89) @ 24" (610) O.C. LADDER FRAMING WHERE WALLS INTERSECT PERPENDICULAR TO ONE ANOTHER. PROVIDE 2"x4" (38x89) WOOD BLOCKING ON FLAT @ 3"1" (1794) O.C. MAX. BETWEEN FLOOR JOISTS. JOISTS WHEN NON-LOADBEARING WALLS ARE PARALLEL TO FLOOR JOISTS. BRICK VENEER WALL @ GARAGE CONSTRUCTION 3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8",7">(3.2" (25) 1800.76) GALV. METAL TIES @ 16" (400) O.C. HORIZ, 24" (600) O.C. VERT, BONDING AND FASTENING FOR TIES TO CONFORM WITH 9,20.9, ON APPROVED SHEAT-HING 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) GYPSON WALLBOARD INTERIOR FINISH, PROVIDE WEEP HOLES @ 32" (800) O.C. AT BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP 8" (150) MIN. BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO 35 NOTE AS SECO) SIDING WALL CONSTRUCTION SIDING MATERIAL AS PER FI FVATION AT TA PROVIDE ICE AND WATER SHIELD 5 POUNDATION WALL/FOOTINGS POURED CONC. FOUNDATION WALL AS 4B EXT. LOFT WALL CONSTRUCTION - NO CLADDING W/ CONTINUOUS INSULATION **2B** PROFILED ROOF TRUSSES (1B) ROOF TRUSSES SHALL BE PROFILED AUD/OR STEPPED AT RAISED COFFER/TRAY CEILINGS. ANGLED TRAY CEILINGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD. 1 ROOF CONSTRUCTION (9: NO. 210 (10.25 KG/M2) ASPHALT S AND BRUSH CONTINUOUS SHALL EXTEND NOT LESS AND BRUSH CONTINUOUS SHALL BE DAMPROOFED FROM THE TOP OF THE FOUNDATION WALL SHALL EXTEND NOT LESS AND BRUSH COAT FROM THE TOP TO 2" BELOW GRADE FOR THE FOUNDATION WALL SEAL THE DRAINAGE LAYER ON THE OUTSIDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE LAYER ON THE OUTSIDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE LAYER AT THE TOP, THE TOP OF THE CONC. FOOTING SHALL BE DAMPROOFED. CONCRETE FOOTINGS SUPPORTING JOIST SPANS GREATER THAN 16-1" (4900) SHALL BE SIZED IN ACCORDANCE WITH 9.13.4 (1),(2) OF THE O.B.C. (FREER TO CHART BELOW FOR RESPECTIVE SIZE). BRACE FOUNDATION WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OF 75KPA OR COMPACTED ENGINEERED FILL WITH MIN BEARING CAPACITY OF 150KPB. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL ENGINEERING REPORT. REFER TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION WALL STRENGTH AND THICKNESS AND 9.15.4. FOUNDATION WALLS SHALL NOT EXCEED 9.10" (3 nm.) UNREINFORCED SOLD OF THE OURSE NOTED. 19, 15 "." 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. 2AVESTROUGH 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 MOREOUSE ONTO CONCRETE SPLASH PADS OR PER MUNICIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG FAVESTROUGH WAID NOWN RWI SIDING WALL @ GARAGE CONSTRUCTION SIDING MATERIAL AS PER ELEVATION ATTACHED TO THE THE TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION ULSTRENGTH AND HICKNESS AND 9.15.4. UNDATION WALLS SHALL NOT EXCEED 9-10" (3.0m) IN UNSUPPORTED GHT UNLESS OTHERWISE NOTED. [9.15.4.2.1.] UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) MAX HEIGHT FROM FIN. SLAB TO GRADE WASH HIGHT FROM FIN. SLAB TO GRADE UNSUPPORTED SUPPORTED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) WASH HIGHT FROM FIN. SLAB TO GRADE UNSUPPORTED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) AT TOP SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.) WASH HIGHT FROM FIN. SLAB TO GRADE SUPPORTED AT TOP 4.71" (1.20m) 7-0" (2.15m) 7-0" (2.15m) 8-2" (2.50m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-2" (2.55m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.40m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) 10" 4-7" (1.50m) 7-6" (2.30m) 8-6" (2.50m) 9-3" (2.85m) WATERIAL AS PER ELEVATION ATTACHED TO FURRING MEMBERS ON ED ARWATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID ION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER CTURERS SPECIFICATIONS ON 3/8" (9.5) EXT. GRADE SHEATHING ON O.D.B.C. (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED LYFETHYLENE AIRWAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD (GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE DIT THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.) R SPACE . 7/8%/7×003" (22x180x0.76) GALV. METAL TIES N.C. VERT. BONDING AND FASTENING FOR TIES TO VEED SHEATHING FORFE, 338" (9.5) EXTERIOR TYPE 5 TO D.B.C. (9.23) 1.1.), 8.SECTION 1.1. INSULATION 1 BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/2" (300) O.C. (300) FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (300) FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. (300) FINISH. PROVIDE WEEP SHOULD UP MIN. 6" (150) (6.) (REFER TO 35 NOTE AS REQUIRED) SPER O.B.C. 9,27.3. ON EXTERIOR TYPE RIGID IECHANICALLY FASTENED AS PER VS. ON 38" (9.5) EXTERIOR TYPE SHEATHING, 23,10.1.) & SECTION 1.1., INSULATION AND 6 IEER WITH APPROVED CONT. AIR BARRIER. 1/2" INISH. (9,23.) TO O.B.C (9.23.10.1.) & RARRIER WITH AND INT. FINISH. (9.23.) SILHES OH HAMIT MINL 7-5" (2200) MIDEL 2-5" (2000) LONG, SILL PLATES 12 2"4" (38x89) SILL PLATE MITH 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.) BASEMENT INSULATION (183-12) 3.1.1.7) G 13 BASEMENT INSULATION (183-12) 3.1.1.7) BETWEEN PLATE WHEN REQUIRED (9.23.7.) PROVIDE CONTINUOUS BLANKET INSULATION WALL. USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED (9.23.7.) BASEMENT INSULATION (183-12) 3.1.1.7) BASEMENT INSULATION (183-12) 3.1.1.7) BASEMENT INSULATION (183-12) 3.1.1.7) BEARING STUD PARTITION (183-12) 3.1.1.7) ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3 4.) 15 ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3 4.) 15 ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3 4.) 16 '9'-10" (3000) MAX. SPAN BETWEEN COLUMNS. 3 1/2" (90)Ø SINGLE TUBE ADJUSTABLE STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLUMN CONNECTION. POURED CONCRETTE FOOTING ON MATURAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa AS PER SOILS REPORT. SUPPORTING 2 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3 SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"x40"x10" (1060x1060x480) CONC. FOOTING 3" (80) MIN. 25MPa (3600psi) CONC. SLAB ON 4" (100) CARSES GRANULAR FILL, OR 20MPa (2900psi) CONC. WITH DAMPPROOFING BELOW SLAB. PROVIDE 1/2" (12.7) IMPERVIOUS BOARD FOR BOND BREAK AT EDGE. (9.13.) WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID INSUL AROUND THE PERIIMETER EXTENDING MIN. 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)) EXPOSED FLOOR TO EXTERIOR (9.10.17.10, & CANVILC-S705.2) PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL FIN. SOFFIT OR CLADDING AS PER ELEVATION TO U/S OF EXPOSED CANT. JOIST. SOFFIT OR CLADDING AS PER ELEVATION W/ ATTIC (9.25.2.4) INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD INTERIOR FINISH OR APPROVED EQ. (ढ) PERMIT THE IOF UP THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF FLOOR 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)) WEEPING TILE (9.14.3.) 4" (100) Ø WEEPING TILE W FILTER CLOTH WRAP & 6" (152) CRUSHED STONE COVER BASEMENT SLAB OR SLAB ON GRADE (9.16.4.3.) 3" (80) MIN. 25MPa (36000sî) CONC SLAB ON GRADE (9.16.4.3.) TEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.) (16) BEAM POCKET OR 8%" (2002200) POURED CONC. NB WALLS, MIN. BEARING 3 1/2" (90). (17) WOOD STRAPPING AT STEEL BEAMS (9.23.4.3.(3), 9.23.9.3.) (18) 4" (190,64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM. (18) GARAGE SLAB (9.16. 9.35.) (18) 4" (100) 32NPA (6640ps) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL 3 1/2" (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"x1/2" (120x250x12.7) WITH 2-1/2"0 x 12" LONG x 2" HOOK ANCHORS (2-12.70"x305x50). FIELD WELD COLUMN TO BASE PLATE & STEEL BM. NON-ADJUSTABLE STEEL BASEMENT COLUMN 3 1/2" [90]Ø x 0.188" (4.78) NON-ADJUSTABLE STEEL COLLIMN V (5A) 20 FOUNDATION REDUCTION IN THICKNESS FOR JOISTS WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNE PERMIT THE INSTALLATION OF FLOOR JOISTS, THE REDUCED SECTION NOT MORE THAN 13 3/4" (350) HIGH & NOT LESS THAN 3 1/2" (90) THICK 18) 4" (100) 32MPa (4640ps) CONC. SLAB WITH 5-8% AIR ENTRANMENT ON OPT. 4" (100) COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL. SLOPE TO FRONT @ 1% MIN. 19) 102" (12.7) GYPSUM BOARD ON WALLAND 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, CANVILC-S705.2) GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION 19A) 1/2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED OVER EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS ON 3/8" 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. (9.10.17.10, CANVILC-S705.2) GUADD HEIGHTS - O.B.C. 9.8.8. NITERIOR GUARDS: 2-11" (900) MIN. EXTERIOR GUARDS: 2-11" (900) MIN. (LESS THAN 5-11" (1800) TO GRADE) 3-6" (1070) MIN. (MORE THAN 5-11" (1800) TO GRADE) GUARDS FOR EXIT STAIRS: 3-0" (920) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-8" (1070) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-8" (1070) MIN. GUARDS FOR LANDINGS @ EXIT STAIRS: 3-8" (600) OR MORE ABOVE ADJACENT SURFACE REQUIRES CONT. CURB MIN. 6" (150) HIGH, AND GUARD MIN. 3-6" (1070) HIGH. REQUIRED GUARDS BETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN RECUIRED GUARDS BETWEEN WALKING SURFACE W.A SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 11. HANDRAL HEIGHTS - O.B.C. 9.8.7. - REQUIRED AS PER 9.8.7.1.(3) MIN. HEIGHT AT STAIRS OR RAWP: 3-2" (965) MAX. HEIGHT AT STAIRS OR RAWP: 3-2" (965) | OUSTS/TRUSSES AS PER PLANS W 2*2" (383.38) PURLINS @ 16" (406) O.C. PERPENDICULAR TO JOISTS (PURLINS NOT REQ. W/ SPRAY FOAM OR ROOF TRUSSES), W/ INSULATION BETWEEN JOIST, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) (28) | WINSULATION BETWEEN JOIST, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) (1 PRIVATE 2-10" (660) MIN. RUN. 578" (150) MAX. NOSING 1" (25) PUBLIC 2-11" (600) MIN. AVG. RUN 77/8" (200) MAX. NOSING 1" (25) PUBLIC 2-11" (600) MIN. AVG. RUN 77/8" (200) *** 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 8-6" (33) 4" (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. (152X152X9.5) STEEL PLATE TOP & BOTTOM, HELD WELD BASEMENT COLLUMN WITH 6"X6"X3/8" CONNECTION. POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 75KPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150KPa AS PER SOILS REPORT. SUPPORTING 2 STOREY FLR. LOAD PROVIDE 42"X42"X18" (1070x1070x460) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 48"X48"X20" (1070x1070x460) CONC. FOUNDATION REDUCTION IN THICKNESS FOR MASONRY WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING, THE REDUCED SECTION SHALL RE NOT LEGG THAN A STATE OF THE PROPERTY OF THE PR **GUARDS/RAILINGS** (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. EXPOSED CEILING TO EXTERIOR w/o ATTIC I INSTALLATION OF MASONRY EXPERIOR FAGING. THE REDUCED IN THICKNESS TO EINSTALLATION OF MASONRY EXPERIOR FAGING. THE REDUCED THAT I ED NOT LESS THAN 3 1/2" (90) THICK. THE BRICK VENEER SHALL THE FOUNDATION WALL WITH COBROSION RESISTANT METAL TIES ON PERTICAL AND 2-11" (889) HORIZONTAL FILL VOID WITH MORTAR WALL AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3)) HEADER CONSTRUCTION 34A HEADER CONSTRUCTION PROVIDE CONTINUOUS, APPROVED AIR/VAPOUR BARRIER (HEADER WRAP) UNDER THE SILL PLATE, ARQUIND THE RIM BOARD AND UNDER THE BOTTOM PLATE. THE HEADER WRAP SHALL EXTEND 6' (152) BELOW THE TOP OF FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE FOUNDATION WALL EXTEND HEADER WRAP 6' (152) UP THE INTERIOR SIDE OF THE STUD WALLAND OVERLAP WITH THE VAPOUR BARRIER AND SEAL THE JOINT. ALL EDGES/JOINTS MUST BE MECHANICALLY CLAMPED. (22) CAPPED DRYER EXHAUST VENTED TO EXT. CONFORMING TO PART 6, OBC 9.32. (1) 23) ATTIC ACCESS (9.19.2.1.) ATTIC ACCESS HATCH WITH MINL 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 INSULATED WITH MIN. R20 (RSI 3.52) ([SB-12] 3.1.1.8.(1)) (24) FIREPLACE CHIMNEYS (9.21.) 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. PARTY WALL BEARING (9.23.8) 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. 3.12" (89)) ON CONC. BLOCK PARTY WALL, ANCHORED WITH 2-3/4" (2-19) x 8" (200) LONG GALV. ANCHORS WITHN SOLID BLOCK COURSE. LEVEL W/ NON-SHRINK GROUT. REFER TO NOTE SOLID BEARING (SECTION 3.0) FOR WD. STUD PARTY WALL. (28) 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.) (39) (38) CONVENTIONAL ROOF FRAMING (9.23.13., 9.23.15.) 2"X6" (38X,140) RAFTERS @ 16" (406) O.C., 2"X8" (38X,184) RIDGE BOARD. 2"X4" (38X,89) COLLAR TIES AT MID-SPAN, CEILING JOISTS TO BE 2"X4" (38X,89) 0.C. FOR MAX. SPAN, 2"3" (2819) SPAN & 2"X6" (38X,140) @ 16" (406) O.C. FOR MAX. SPAN, 14-7" (4450), RAFTERS FOR BUILT UP ROOF OVER PRE-ENGINEERED ROOF TRUSSES AND OR CONVENTIONAL FRAMING TO BE 2"X4" (88X,89) @ 24" (610) O.C. UNLESS OTHERWISE SPECIFIED. (36) 34 FLOOR FRAMING T&G SUBFLOOR ON WO (26) MECHANICAL VENTILATION (9.32.1.3.) MECHANICAL EXHAUST FAN, VENTED TO EXTERIOR, TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR. SEE GENERAL NOTE 2.3. 25 PROVIDE 4 SHELVES MIN. 14" (356) DEEP 27 (37) RANGE HOODS AND RANGE-TOP FANS COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST CONFORM TO OBC 9.10.22. 9.32.3.9. 8 9.32.3.10. WALL ASSENBLY CONTAINS INSULATION CONFORMING TO CANULC-S702 & HAVING A MASS OF NOT LESS THAN 1.22 KGM/2.00 FWALL SUPFACE AND 1/2" (12.7) TYPE X GYPSUM WALLBOARD INTERIOR FINISH. EXTERIOR CLADDING MUST BE NON-COMBUSTIBLE WHEN LIMITING DISTANCE IS 23.5/8" (0.60m) O'R LESS, WALL ASSEMBLY REQUIRES TO HAVE A FIRE RESISTANCE RATING OF WOT LESS THAN 4.5 MINUTES & CONFORMING TO 0.B.C. (9.10.14, O'R 9.10.15.), REFER TO DETAILS FOR TYPE & SPECS. ** AN OPENING IN AN EXPOSING BUILDING FACE NOT MORE THAN 4.5 MINUTES & CONFORMING TO DE CONSIDERED AN UNPROTECTED OPENING AS PER CANAL (1.00 T) BE CONSIDERED AN UNPROTECTED OPENING AS PER (33) 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. FURNACE 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. (31) CONC. PORCH SLAB (9.16.4.) MIN. 4" (100) CONCRETE SLAB ON GRADE ON 4" (100) COARSE GRANULAR FILL, 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. (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" (3.38X140) 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 22 DRYER EXHAUST CAPPED DRYER EXHAU COLD CELLAR PORCH SLAB (9.39.) FOR MAX. 8'-2" (2500) PORCH DEPTH. 5" (127). EXTERIOR AND GARAGE STEPS PRECAST CONC. STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER. MAX RISE 7 7/8" (200), MIN. TREAD 9 1/4" (235), FOR THE REQUIRED NUMBER OF STEPS REFER TO SITING AND GRADING DRAWINGS. EXTERIOR CONCRETE STARS WITH MORE THAN 2 RISERS AND 2 TREADS SHALL BE PROVIDED WITH FOUNDATION AS REQUIRED BY ARTICLE 9.8.9.2. OR SHALL BE CANTILEVERED AS PER SUBSECTION 9.8.10. STUDS ARE TO BE CONTINUOUS, C/M 3/8" (9.5) THICK EXTERIOR PLYWOOD SHEATHING, PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 4-0" (1220) O.C. VERTICALLY. TWO STOREY VOLUME SPACES OR MAX. 8:2º (2500) PORCH DEPTH. 5º (127) 32 MPa (4640ps)) CONC. SLAB W/5-8% AIR ENITANMENT. REINF. WITH 10M BARS @ 7 7/8º (200) O.C. EACH DIRECTION. WIT 1/4º (32) CLEAR COVER FROM BOTTOM OF SLAB TO FIRST AVER OF BARS & SECOND LAVER OF BARS LAID DIRECTLY ON 1070 OF LOWER AYER IN OPPOSITE DIR. 24°x24" (610x610) 10M DOWELS @ 23 5/8" (600) O.C., NICHORED IN PERIMETER FND. WALLS. SLOPE SLAB 1.0% FROM DOOR. NOR FRAMING (9.23.3.5., 9.23.9.4., 9.23.14.) SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION O.B.C. 9.30.6. ALL JOISTS WHERE REQUIRED TO BE BRIDGED WITH 2"X2" 28) CROSS BRACING OR SOLD BLOCKING @ 6-11" (2108) O.C. WAX. ALL STS TO BE STRAPPED WITH 1"X2" (19x64) @ 6-11" (2108) O.C. UNLESS A EL TYPE CEILING FINISH IS APPLIED. (9.23.10.1., 9.23.11., 9.23.16.) cont. SECTION 1.0. CONSTRUCTION NOTES 47 46 (41B) (41A) **40** 45 4 43 42 <u>4</u> 40 1/2" (12.7) GYPS! IM CHEATLINGS CONT. MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM) ON APPROVED DEPAINAGE MAT ON 1/2" (12.7) DENGGLASS GOLD GYPSUM BOARD ON STUDS CONFORMING TO O.B.C (9.23 ol.), & SECTION 1.1. INSULATION, APPROVED 6 MIL. POLYETHYLENE WAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED) STUCCO WALL CONSTRUCTION W/ CONTIN. INSULATION MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.I.F.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON APPROVED JARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENIED AS PER MANUFACTURERS SPECIFICATIONS, ON TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENIED AS PER MANUFACTURERS SPECIFICATIONS, ON TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENIED AS PER MANUFACTURERS SPECIFICATIONS, ON TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENIED AS PER MANUFACTURERS SPECIFICATIONS, ON TYPE STEED MECHANICALLY FASTENIED ON STUDS CONFORMING TO O.B.C. (9.23 10.1.) & SECTION 1.1. INSULATION, APPROVED 6 MIL. POLYETHYLENE WAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED) PANEL FOR UNDERSIDE OF SC BALCONY CONDITION SEE FI AT BODE BALCONY BARREL VAULT CONSTRUCTION CANTILEVERED 2"x4" (38x89) SPACERS LAID FLAT ON 2"x10" (38x235) SPR. #2 ROOF JOST NAILED TO BUILT-UP 3-3/4" (19) PLYWOOD HEADER PROFILED FOR BARREL. SPRAY FOAM INSULATION BETWEEN JOISTS W/ GYPSUM BOARD. INTERIOR FIN. (REFER TO DETAILS) SLOPED CEILING COUNSTRUCTION (18,12) 2.1.1.7., 9.23.4.2.) 2**12" (38×286) ROOF, JOISTS @ 16" (406) O.C. MAX, (JUNLESS OTHERWISE NOTED) W/ 2**2" (38×38) PURLINS @ 16" (406) O.C. PERPENDICULAR TO ROOF, JOIST (PURLINS NOT REC. W. SPRAY FOAM), W. INSULATION BETWEEN JOIST, 6 mil POLYETHYLENE VAPOUR BARRIER, 172" (12,7) GYPSUM WALLBOARD INT. FINISH OR APPROVED EQ. INSULATION WALLE DIRECTLY ABOVE THE INNER SURFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 RSI). **2 HR. FIREWALL** ((SB-3) WALL TYPE 'B66' & 'B1b') 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2"X2" (38x38) VERTICAL WOOD STRAPPING @ 24" (610) O.C ON 8" (200) CONC. BLOCK 75% SOLID. FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROOK, SLAG OR GLASS. TAPE, FILL & SAND ALL GYPSUM JONTS, AT UNFINISHED AREAS, EXTERIOR FACE OF CONC. BLOCK TO BE SEALED WITH 2 COATS OF PAINT. GYPSUM SHEATHING TO BE ATTACHED TO CONC. BLOCK. (REFER TO DETAILS) STUD WALL REINFORCEMENT PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM CONFORMING TO O.B.C. (9.5.2.3.(1) AND 3.8.3.8.(3)) (REFER TO DETAILS) BEINFORCING AT BASEMENT WINDOWS Z-15M HORIZ. REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE EOUNDATION WALL BELOW THE WIN. SILL EXTEND BARS 24" (610) BEYOND THE OPENING. 2-15M VERTICAL REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE FOUNDATION WALL ON EACH SIDE OF THE WINDOW OPENING. - BARS TO HAVE MIN. 2" (50) CONC. COVER BARS TO HAVE MIN. 2" (610) BEYOND BOTH SIDES OF OPENING 1 HR. PARTY WALL (DOUBLE STUD). (ISB-3) WALL TYPE W13c) 5/8" (15.9) TYPE X GYPSUM SHEATHING ON EXTERIOR SIDE OF 2 ROWS OF 2X4" (38889) STUDS @ 16" (406) O.C. MIN. 1" (25) APART ON SEPARATE 2"X4" (38889) SILL PARTES. (2"X6" (38X140) AS REQUIRED) FILL ONE SIDE OF STUD CAVITY WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GLASS. TAPE FILL AND SAND ALL GYPSUM JOINTS. FLAT ROOF/BALCONY CONSTRUCTION WINDOW WELLS STUCCO WALL CONSTRUCTION STUCCO FINISH CONFORMING TO O.B.C. S DS CONFORMING TO O.B.C (9.23.10.1), & SECTION 1.1., 1/2" (1.27) GYPSUM LEOARD INT, FINISH, (REFER TO 35 NOTE AS REQ.) LEOARD INT, FINISH, (REFER TO 35 NOTE AS REQ.) OR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION, OR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION, VIDE APPROVED DRAINAGE MAT ON 7/16" (11) EXTERIOR TYPE SHEATHING REPRING (AS REQ.) AND STUDS IN LIEU OF 1 1/2" (38) E.F.I.S (MINIMUM) APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BRD. BARS IN TOP PORTION OF WALL (UP TO 8-0" OPENING) BARS IN TOP PORTION OF WALL (8-0" TO 16-0" OPENING) BARS IN TOP PORTION OF WALL (10-0" TO 15-0" OPENING) STACKED VERTICALLY AT INTERIOR FACE OF WALL ORCING AT BASEMENT MINITONIA ROOFING MEMBRANE (9.26.11, 9.26.15, 9.26.16) FULLY ADHERED TO 5/8" G EXTERIOR GRADE PLYWOOD SHEATHING ON 2"2" (38x38) PURLINS TOWARDS SCUPPER (9.2% MINIMUM LAID PERPENDICULAR TO 2"X8" FLOOR JOISTS (9.16" (406) O.C. (UNLESS OTHERWISE NOTED). BUIL UP BE 4" (100) MIN. ABOVE FINISHED BALCONY FLOOR, CONVINUOUS 'L'. IP EDGE TO BE PROVIDED ON OUTSIDE FACE OF CURB. SCUPPER DRAIN OXATED 24" (610) MIN. AWAY FROM HOUSE. PREFINISHED ALLMINUM OR DR UNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE REQ. VOPENS INTO A WINDOW WELL, A CLEARANCE OF NOT (550) SHALL BE PROVIDED IN FRONT OF THE WINDOW. JELL SHALL BE DRAWIND TO THE FOOTING LEVEL OR LOCATION WITH A 4" (100) WEEPING TILE CW A FILTER DFILLED WITH CRUSHED STONE. (9.9.10.1.(5), 9.14.6.3.) REPRESENTATION NOTE FOR ASSEMBLY, REFER TO JUST SIZE & REFER TO HEX NOTE 9 FOR INSULATION AND ONSTRUCTION NOTE. INCLUDE 2"x4" (38x89) PT. AID FLAT PARALLEL TO JOISTS ON 2"x4" (38x89) C. LAID FLAT PERPENDICULAR TO JOISTS OCK) ((SB-3) WALL TYPE 'B66' & 'B1b') CH SIDE ON 2"X2" (38x38) VERTICAL WD. 1) CONC. BLOCK FILL STRAPPING OF ABSORPTIVE MATERIAL LASS. TAPE. FILL & SAND ALL GYPSUM FALED W/2 COATS OF PAINT OR PING & 1/2" (12.7) GYPSUM SHEATHING. ECTION 9.28. AND APPLIED PER 1/2" (38) E.F.I.S (MINIMUM) ON ENSGLASS GOLD GYPSUM BRD. ON EN. S. ECTION 1.1., 1/2" (12.7) GYPSUM (9 15 4 2) S SECTION 1.1. WALL STUDS SECTION 3.0. LEGEND 2.10. ULC SPECIFIED ASSEMBLIES ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY ULC LISTED ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY ULC LISTED 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 LISTING: THERE SHALL BE NO DEVIATIONS UNDER ANY CIRCUMSTANCES IN ANY ULC LISTED ASSEMBLY IDENTIFIED IN THESE DRAWINGS. 5) JOIST HANGERS: PROVIDE APPROVED METAL HANGERS FOR ALL JOISTS AND BUILT-UP WOOD MEMBERS. NITERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS. 8) WOOD FRAMING NOT TREATED WITH A WOOD PRESERVATUE, IN CONTACT WITH CONCRETE. SHALL BE SEPARATED FROM THE CONC. BY AT LEAST 2 mil POLYETHYLENE FILM, No.50 (45lbs) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE GROUND. 2.7. ROOF OVERHANGS 1) ALL ROOF OVERHANGS SHALL BE 1-0" (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. 2.4. LUMBER 2.4. LUMBER 3) ALL LUMBER SHALL BE SPRUCE No.2 GRADE OR BETTER, UNLESS NOTED OTHERWISE. 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. 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. 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/ MN. 0.35m.2 UNOBSTRUCTED OPEN 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. 2.6. FLAT ARCHES 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. 2.3. MECHANICAL / PLUMBING 1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGE PER HOUR 1) MECHANICAL VENTILATION IS REQUIRED TO PROVIDE 0.7 AIR CHANGED OVER 24 1F NOT AR CONDITIONED 1 PER HOUR IF AIR CONDITIONED AVERAGED OVER 24 HOURS, WHEN A VENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED CONFORM TO OBC 9.32.3.4 WHEN A HRV IS REQUIRED, CONFORM TO 9.32.3.11. REFER TO MECHANICAL DRAWINGS. 4) REFER TO TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS 2.2. CEILING HEIGHTS THE CELING HEIGHTS OF ROOMS AND SPACES SHALL CONFO **ECTION** ROOM OH STACE LVING ROOM, DINING ROOM AND KITCHEN REFER TO HOT WATER TANK MANUFACTURER SPECS: CONFORM TO OBC 9.31.6. REFER TO TITLE PAGE FOR SPACE HEATING EQUIPMENT, HRV AND DOMESTIC DT WATER HEATER MINIMUM EFFICIENCIES. 2"x4" 38x89) 3.1. WOOD LINTELS AND BUILT-UP WOOD (DIVISION B PART 9. TABLES A8 TO A10 AND A12, A15 & A16)

E (9.23.4.3.)

JAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 300W. HOLLOW STIONS SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W CLASS "H".

JING STEEL SHALL CONFORM TO CSA-G30-18M GRADE 400R.

SA SMOKE ALARM (9.10.19)

SA SMOKE ALARM (9.10.19)

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 WIRED TO BE INTERCONNECTED TO ACITIVATE ALL ALARMS IF ONE SOUNDS, ALARMS ARE TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET TEMPORAL SOUND PATTERNS MIN. ALARMS SHALL HAVE A VISUAL SIGNALLING COMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE 72".

CMD CARBON MONOXIDE ALARM (9.33.4.

HALL BE LOCATED OR THE BUILDING SITE GRADED SO THE WATER LATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY PROPERTIES. CONFORM TO 9.14.6.

SUPPORTED MEMBER. BUILT-UP WOOD COLUMNS SHALLE MAILED TOGETHER WITH NOT LESS THAN 3" (76) NAILS 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.)

SOLID BEARING (BUILT-UP WOOD COLUMNS AND STUD POSTS)
H OF A WOOD COLUMN SHALL NOT BE LESS THAN THAN THE WIDTH OF

BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S)
CANVCGA-6:19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH
ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARM(S)
NENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS
SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

 \times TWO STOREY VOLUME SPACE. SEE CONSTRUCTION NOTE 39.

VARYING PLATES, BUILT-OUT FLOORS, BEARING WALLS, ICE & WATER SHIELD

HEAT RECOVERY UNIT(S) WILL BE INSTALLED CONFORMING TO THE OF 3.1.1.12. OF THE O.B.C.

()

ROUGH IN FOR ELECTRIC VEHICL CHARGING STATION (9.34.4)

LIGHT FIXTURE (CEILING MOUNTED)

LIGHT FIXTURE (PULL CHAIN)

₩ •

CHANDELIER (CEILING MOUNTED)

TELEPHONE JACK

•

Ø

EXHAUST VENT

CCORDANCE WITH SECTION 9.34

ALL ELECTRICAL FACILITIES SHALL

BASEMENT

ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1.

MINIMUM HEIGHTS

7-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 6: 11" AT ANY POINT

7-7" OVER 65% OF REQUIRED FLOOR AREA OR 6: 11" OVER ALL OF THE REQUIRED FLOOR AREA.

6:-11" OVER ALL OF THE REQUIRED FLOOR AREA CREAT LEAST 75% OF THE BASEMENT AREA EXCEPT 11-AT UNDER BEAMS AND DUCTS THE CLEARANCE IS PERMITTED TO BE REDUCED TO 6:-5".

6:-11" IN ANY AREA WHERE A PERSON WOULD NORMALLY BE STANDING

OW GLARDS: A GLARD OR A WINDOW WITH A MAXIMUM RESTRICTED
G WIDTH OF 4" (100) IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS
D LESS THAN 11-7" (480) ABOVE FIN, FLOOR AND THE DISTANCE FROM THE
D FLOOR TO THE ADJACENT GRADE IS GREATER THAN 5-11" (1800), (9.8.8.1.)
OWS IN EXIT STARWAYS THAT EXTEND TO LESS THAN 2-11" (900) [3-6" (1070)
OTHER BUILDINGS] SHALL BE PROTECTED BY GUARDS IN ACCORDANCE
OTHER BUILDINGS] SHALL BE PROTECTED BY GUARDS AS PROVIDED IN
STYNUD THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN
DISTAND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN

2.0. GENERAL NOTES

PROVIDE 8'-0" HIGH INTERIOR DOORS FOR ALL 10' CEILING CONDITIONS

DSANTOS | MON DEC 10/18 10:36 AM | K:\PROJECTS\2015\215044.ROY\WORKING\TOWNS\17' RL-TOWNS\215044WS1704.D

ROOF W/ OR ROOF W/o ATTIC ATTIC

UNSUPPORTED HEIGHT, WALL NEEDS TO BE

NG AS REQUIRED FOR EXTERIOR 1 OF THIS UNIT FOR CONFIRMATION INFORMATION.

3.3. DOOR SCHEDULE SECTIONS 9.5.11. 9 6 0 7 0 4

n RC		
ROYAL PINE HOMES - 215044		
3 - 215044	CONS	
	NSTRUCT	

3.2. STEEL LINTELS SUPPORTING MASONRY VENEER (DIVISION B PART 9. TABLE 9.20.5.2.B.)
FORMING PART OF SENTENCE O DOE O MODE O CONTROLLED

B9 B5

SECTION 4.0. CLIMATIC DATA
DESIGN SNOW LOAD (9.4.2.2.):
WIND LOAD (q50) (SB-1.2.):

1.12 **kPa** 0.44 **kPa**

REFER TO HEX NOTE 35. & DETAILS FOR TYPE AND SPECIFICATIONS.

1 HR. PARTY WALL
REFER TO HEX NOTE 40.

2 HR. FIREWALL REFER TO HEX NOTE 40A.

FORESTSIDE ESTATES PH6, BRAMPTON, ONT. DS 3/16"=1'-0'
Woodbine Ave, Markham, ON L3R 0J7

HUNT III

8966 NS

9

215044WS1704.DWG 1905.737.5133 F 905.737.7326

TION INFOHMATION
DESIGN ASSOCIATES INC.

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TION NOTES 1 & 2 UNIT 1704 REV.2018.12.10

E THE PROPERTY OF H.D.A.I.
ICATIONS AND TO CONFORM TO THE
AND AUTHORITIES HAVING JURISDICTION
CATIONS, ONT. REG. 332/12.