

AREA CALCULATIONS

| | | | | |)VERAGE | (8.73 sq | | (406.17 s | | (0.74 sq | | (406.92 s | | (219.25 s | | | | SID. FLAN | EL. 'B' |
|--|-----------------|-----------------------|--------------|-----------------|--------------|----------|---|---|--|---|--|---|--|-----------------|-----------------|-----------------------------|--|--|---|
| (250.93 sq. m.) 3070 sq. ft. (285.21 sq. m.) | (250.93 sq. m.) | | 2701 sq. ft. | (245.54 sq. m.) | 2643 sq. ft. | ≅ | | _ | | ı.m.) (0.74 sq. m.) | ft. 8 sq. ft. | sq. m.) (409.98 sq. m.) | | <u>(3</u> | | sq. m.) (190.73 sq. m.) | | D OPT 5 BED | B' EL B' |
| | | COVERAGE 3070 sq. ft. | | | | | (8.73 sq. m.) 2643 sc (245.54 s 2701 sc (250.93 s 3070 sc | (8.73 sq. m.) (8.73 sq. m.) 2643 sc (245.54 s 2701 st (250.93 s 3070 st | (406.17 sq. m.) INT AREA 94 sq. ft. (8.73 sq. m.) 2643 (245.54 2701 sq. 250.93 3070 sq. 250.93 | REA 4372 sq. ft. (406.17 sq. m.) INT AREA 94 sq. ft. (8.73 sq. m.) 2643 s (245.54 2701 s (250.93 3070 s | (0.74 sq. m.) IREA 4372 sq. ft. (406.17 sq. m.) INT AREA 94 sq. ft. (8.73 sq. m.) 2643 s (245.54 2701 s (250.93 3070 s | NAREAS 8 sq. ft. (0.74 sq. m.) (REA 4372 sq. ft. (406.17 sq. m.) (406.17 sq. m.) (8.73 sq. m.) 2643 sq. ft. 2701 sq. (250.93 3070 sq. 701 sq. | (406.92 sq. m.) NAREAS 8 sq. ft. (0.74 sq. m.) REA 4372 sq. ft. (406.17 sq. m.) INT AREA 94 sq. ft. (8.73 sq. m.) 2643 sq. ft. 2701 sq. (250.93 3070 sq. 70) | N AREAS (REA | N AREAS ,REA | AREAS NAREAS INT AREA | (187.66 sq. m.) AREA 2360 sq. ft. (219.25 sq. m.) 4380 sq. ft. (406.92 sq. m.) VAREAS 8 sq. ft. (0.74 sq. m.) AREA 4372 sq. ft. (406.17 sq. m.) AREA 94 sq. ft. (8.73 sq. m.) 2643 2701 (250.93 3070 | AREA 2020 sq. ft. (187.66 sq. m.) AREA 2360 sq. ft. (219.25 sq. m.) 4380 sq. ft. (406.92 sq. m.) 4 AREAS 8 sq. ft. (0.74 sq. m.) AREA 4372 sq. ft. (406.17 sq. m.) AREA 94 sq. ft. (8.73 sq. m.) 2643, 2701 (250.93 3070 | SID, PLANK OPT. STEP LANK OPT. AREA 2020 sq. ft. (187.66 sq. m.) AREA 2360 sq. ft. (219.25 sq. m.) 4380 sq. ft. (406.92 sq. m.) 4372 sq. ft. (406.17 sq. m.) REA 4372 sq. ft. (406.17 sq. m.) 2643 2701 (250.93 3070 |

| GHUGG WALL AREA | | | | TOTAL WINDOW % | (INCL. GLASS DOORS & SKYLIGHTS) | GROSS WINDOW AREA | מחטטט warr אחרא | | CALCULATIONS | WINDOW / WALL AREA |
|-----------------|-----------------|-----------|---------------|----------------|---------------------------------|-------------------|-----------------|-----------------|--------------|--------------------|
| (486.82 sq. m.) | 5240 12 sq. ft. | STD. PLAN | EL. 'B' - WOD | 12.04 % | (58.09 sq. m.) | 625.31 sq. ft. | (482 47 sq. m.) | 5193.23 sq. ft. | STD. PLAN | <u>FL</u> 'B' |
| (486.82 sq. m.) | 5240 12 sq. ft. | OPT 5 BED | EL. 'B' - WOD | 12.27 % | (59.21 sq. m.) | 637.31 sq. ft. | (482.47 sq. m.) | 5193.23 sq. ft. | OPT 5 BED | <u>EL</u> 'B' |

| TOTAL WINDOW % | (INCL. GLASS DOORS & SKYLIGHTS) | GROSS WINDOW AREA | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | TOTAL WINDOW % | (INCL. GLASS DOORS & SKYLIGHTS) | GROSS WINDOW AREA | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | TOTAL WINDOW % | (INCL. GLASS DOORS & SKYLIGHTS) | GROSS WINDOW AREA | מחספס אאבר אטנא | | | |
|----------------|---------------------------------|-------------------|---|-----------------|-------------|---------------|----------------|---------------------------------|-------------------|---|-----------------|-----------|---------------|----------------|---------------------------------|-------------------|-----------------|-----------------|-----------|---------------|
| 13.68 % | (73.84 sq m) | 794 76 sq. ft | (539.64 sq. m.) | 5808 65 sq ft | STD. PLAN | EL. 'B' - WOB | 12.00 % | (59.87 sq. m.) | 644 48 sq. ft | (499.08 sq. m.) | 5372.00 sq. ft. | STD. PLAN | EL. 'B' - LOD | 11.96 % | (58.25 sq m) | 626.98 sq. ft. | (486.82 sq. m.) | 5240.12 sq. ft. | STD. PLAN | EL. 'B' - WOD |
| 13.89 % | (74.95 sq. m.) | 806.76 sq. ft | (539 64 sq m) | 5808.65 sq. ft. | OPT. 5 BED. | EL 'B' - WOB | 12.22 % | (60.99 sq. m.) | 656.48 sq. ft | (499.08 sq. m.) | 5372.00 sq. ft. | OPT 5 BED | EL 'B'-LOD | 12.19 % | (59.36 sq. m.) | 638.98 sq. ft. | (486.82 sq. m.) | 5240.12 sq. ft. | OPT 5 BED | EL 'B' WOD |

FRONT ELEVATION B

SB-12 ENERGY EFFICIENCY DESIGN MATRIX

| SB-12 ENERGY EFFICIENCY DESIGN MATRIX | SIGN MA | ATRIX |
|---|---------------------------------------|-----------------------|
| PRESCRIPTIVE COMPLIANCE SB-12 (| SB-12 (SECTION 3.1.1) TABLE 3.1.1.2.A | ABLE 3.1.1.2.A |
| | SPACE HEATING FUE | TING FUEL |
| | ☐ ELECTRIC ☐ EARTH | ☐ PROPANE☐ SOLID FUEL |
| BUILDING COMPONENT | REQUIRED | PROPOSED |
| INSULATION RSI (R) VALUE | | |
| CEILING W/ ATTIC SPACE | 10.56 (R60) | 10.56 (R60) |
| CEILING W/O ATTIC SPACE | 5.46 (R31) | 5.46 (R31) |
| EXPOSED FLOOR | 5.46 (R31) | 5 46 (R31) |
| WALLS ABOVE GRADE | 3.87 (R22) | 3.87 (R22) |
| BASEMENT WALLS | 3.52 ci | 3.52 ci |
| * PROPOSED VALUES MAY BE SUBSTITUTED W/ 2.11+1.76ci (R12+R10ci) | (R20 ci) * | (R20 ci) * |
| BELOW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE | - | ı |
| EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE | 1.76 (R10) | 1.76 (R10) |
| HEATED SLAB OR SLAB ≤ 600mm BELOW GRADE | 1.76 (R10) | 1.76 (R10) |
| WINDOWS & DOORS | | |
| WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE) | 1.6 | 1.6 |
| SKYLIGHTS (MAX. U-VALUE) | 2.8 | 2.8 |
| APPLIANCE EFFICIENCY | | |
| SPACE HEATING EQUIP. (AFUE%) | 96% | 96% |
| HRV EFFICIENCY (%) | 75% | 75% |
| DHW HEATER (EF) | 0.8 | 0.8 |
| | | |

AREA CALCULATIONS

GOLDPARK WORTH MORE



9. REVISED AS PER ENG. COMMENTS
8. REVISED FOR LOT 94
7. REVISED AS PER ENG. COMMENTS
6. REVISED AS PER ENG. COMMENTS
5. REVISED AS PER ENG. COMMENTS
4. REVISED AS PER FLOOR MANUF. LAYOUTS
3. REVISED AS PER ROOF MANUF. LAYOUTS
2. REVISED AR CLIENT COMMENTS
1. ISSUED FOR CLIENT REVIEW

2018/11/30 2018/10/18 2018/05/31 2018/05/14 2018/05/14 2018/04/17 2017/12/04 2017/11/17 2017/11/17 2017/11/103 2017/09/18 DATE (ΥΥΥΥΜΜΙΙΙΟΙ)

UNIT 5005 - 'THE KNIGHTSWOOD'

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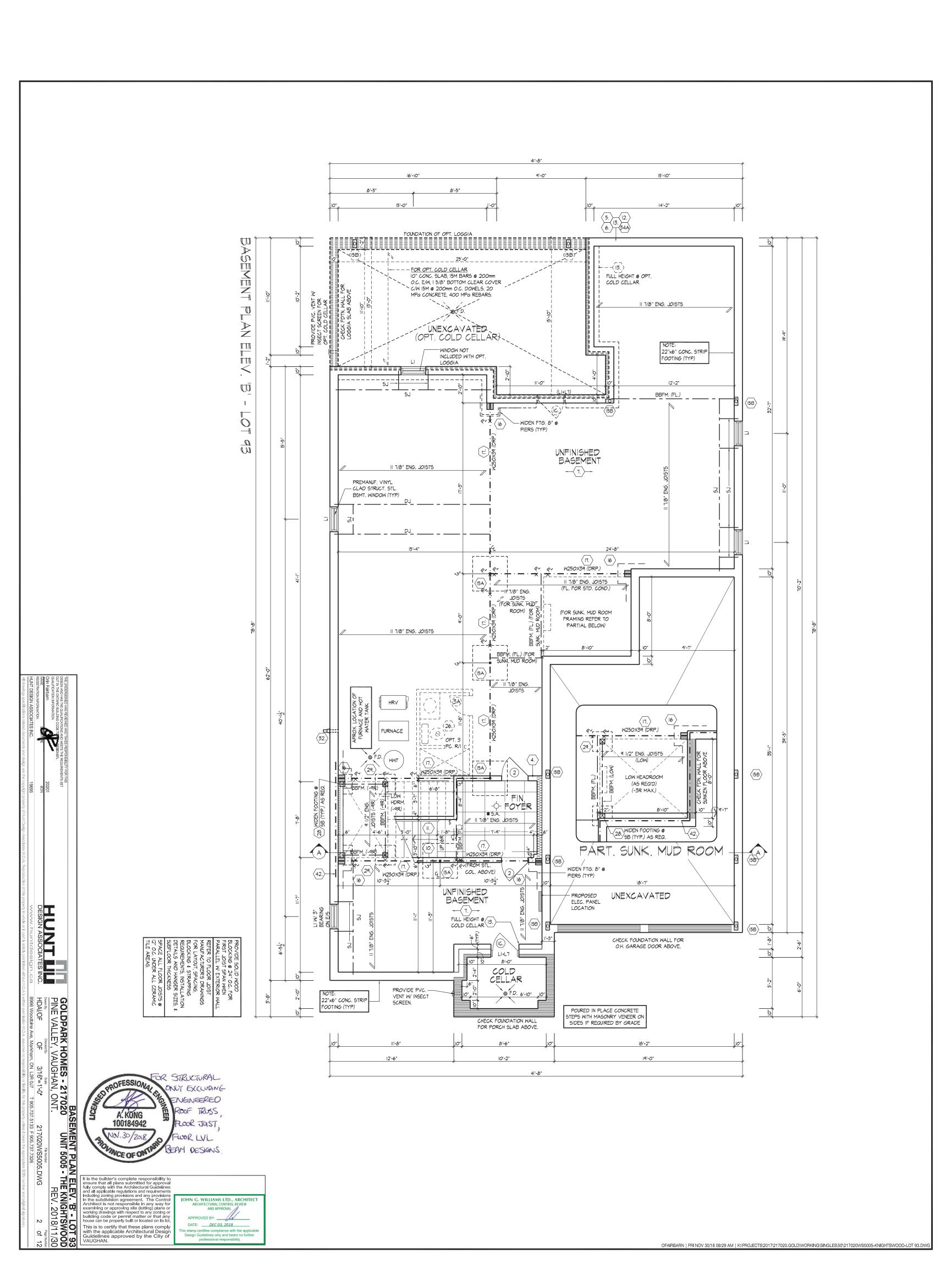
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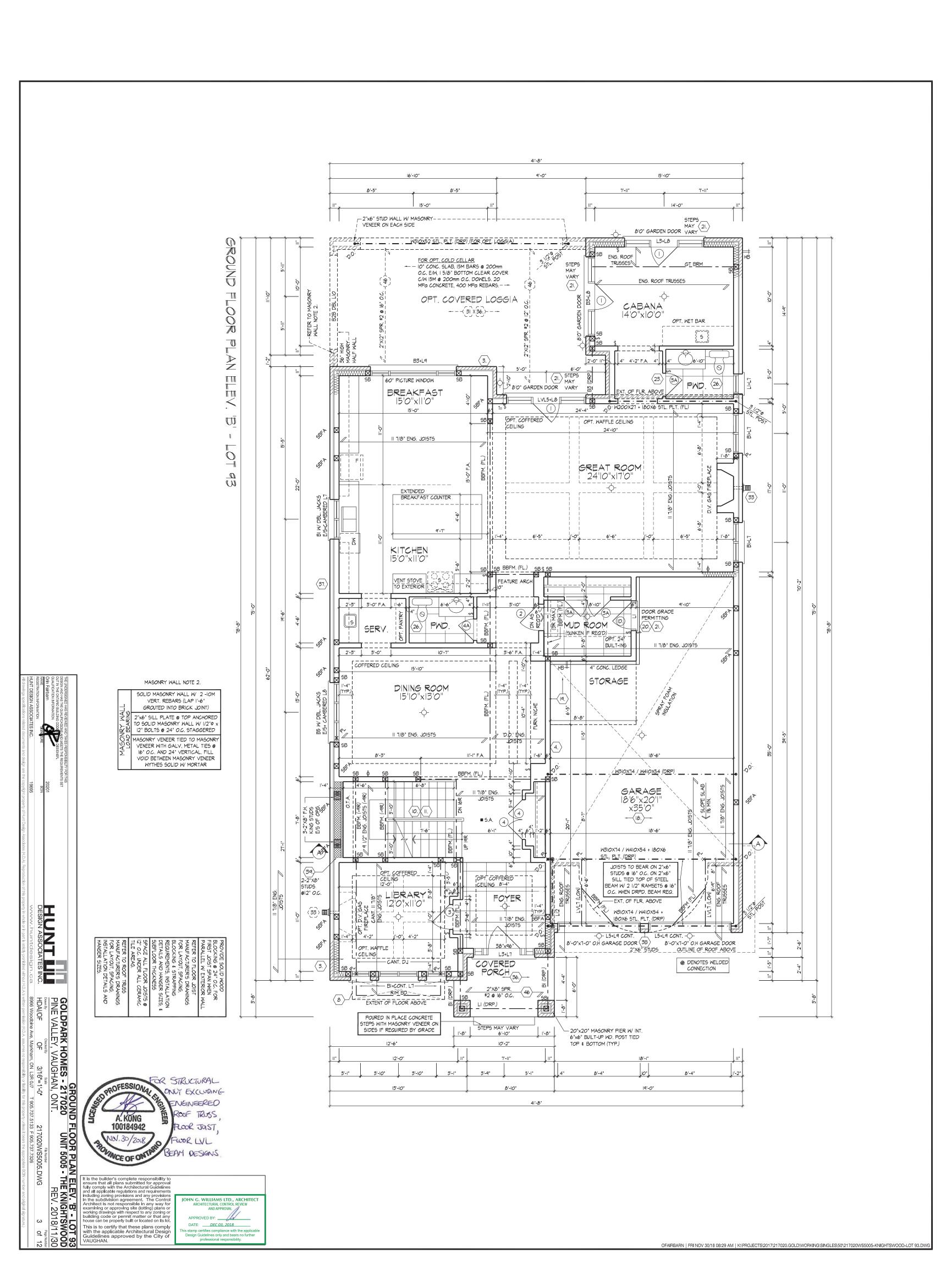
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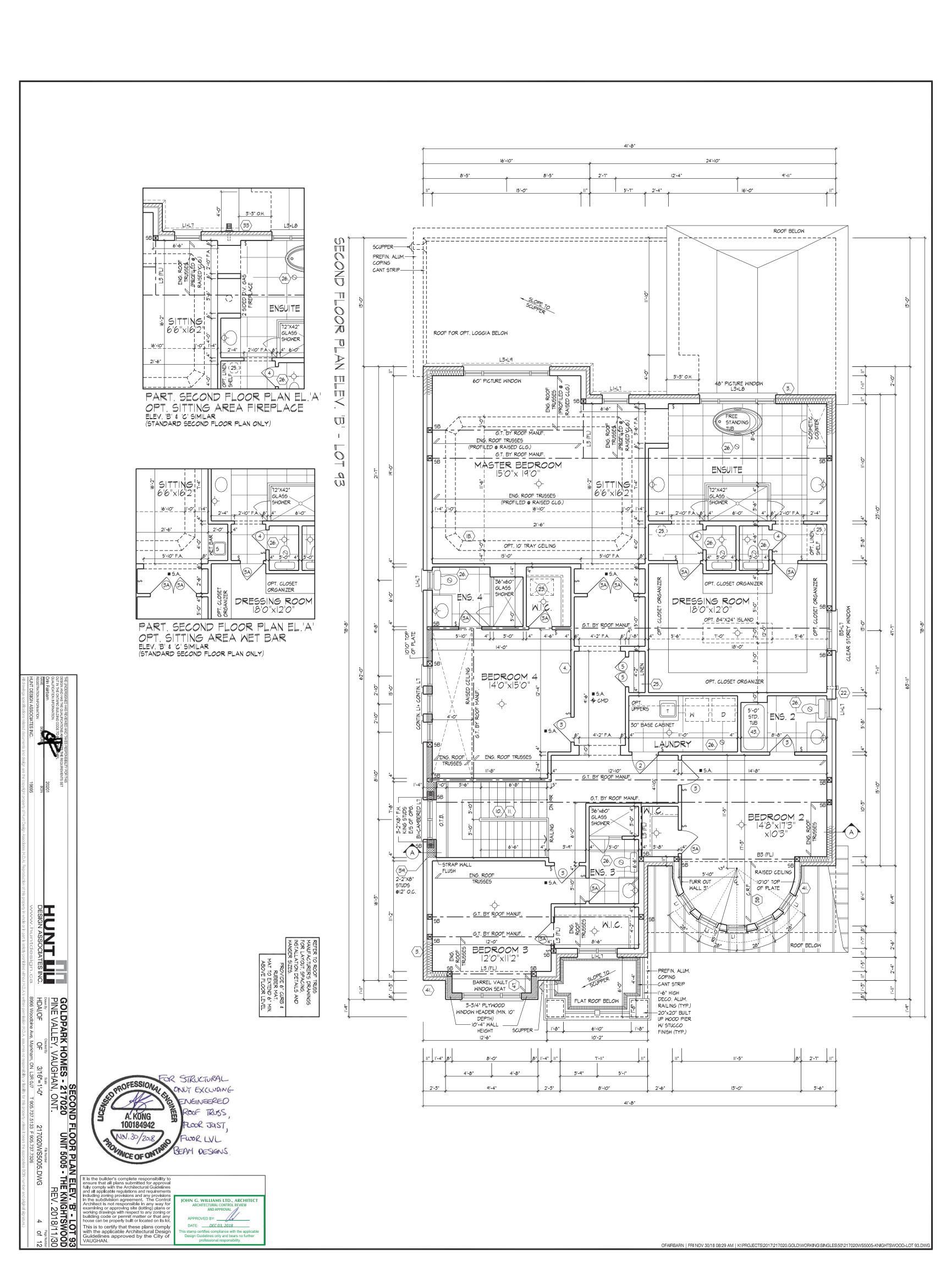
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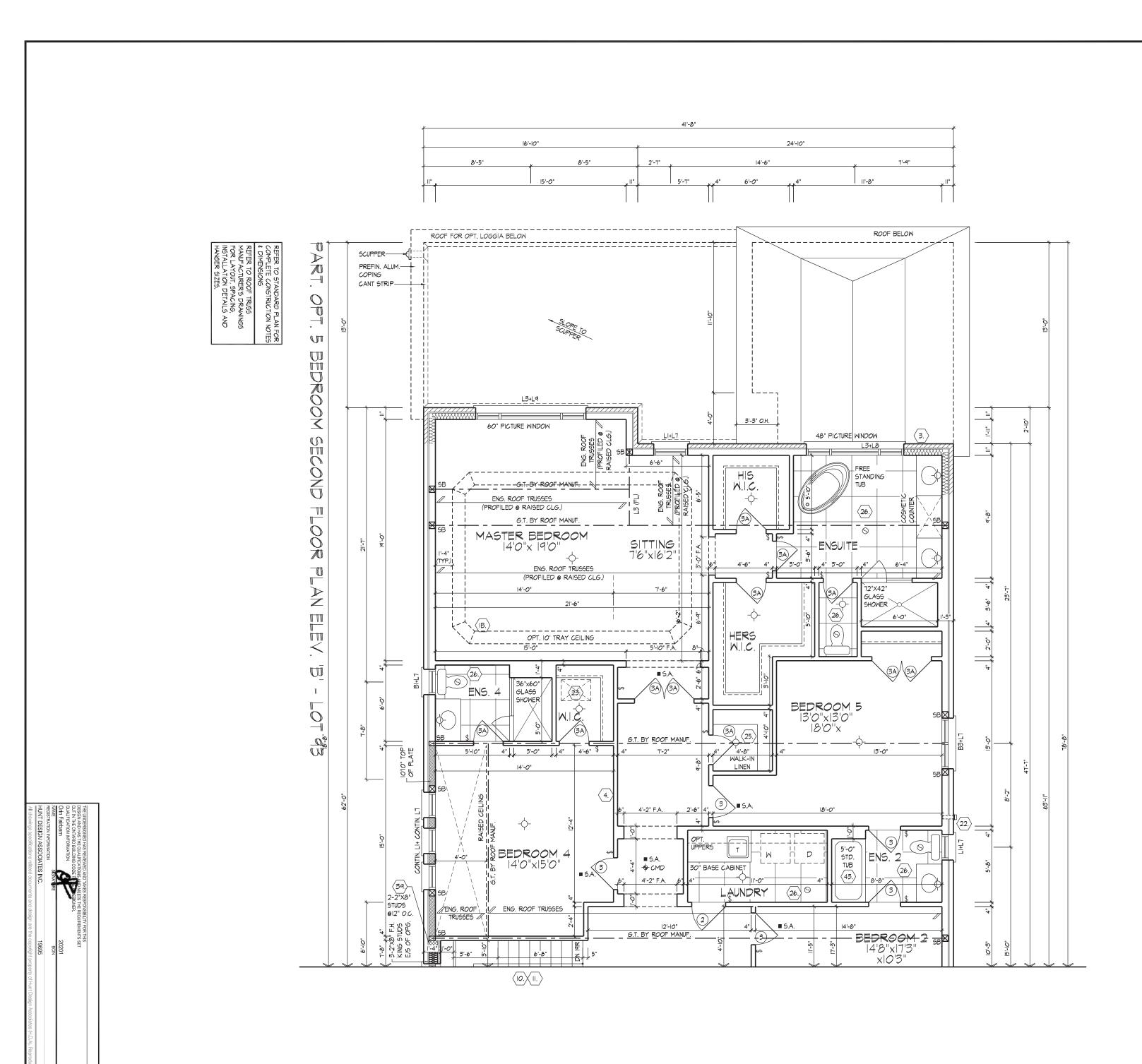
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TITLE PAGE
NIGHTSWOOD
V. 2018/11/30
Page Number
1 of 12

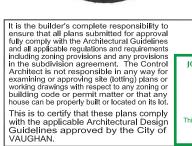












HUNT III

PART. OPT. 5 BEDROOM SECOND FLOOR PLAN ELEV. 'B' - LOT 93
GOLDPARK HOMES - 217020 UNIT 5005 - THE KNIGHTSWOOD
PINE VALLEY, VAUGHAN, ONT.

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HDAN/OF OF 3/16"=11-0' 217020WS5005.DWG 5 of 12

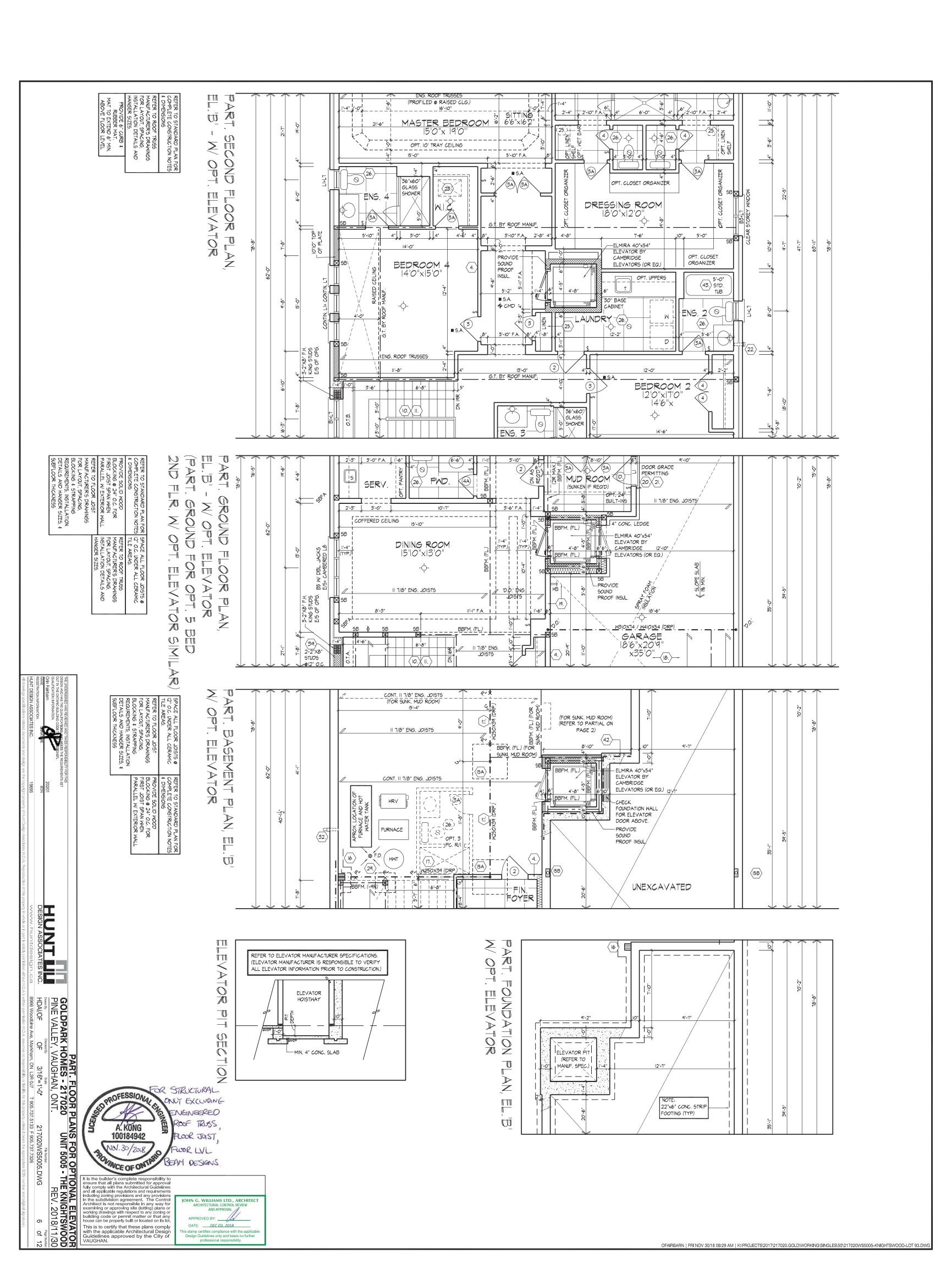
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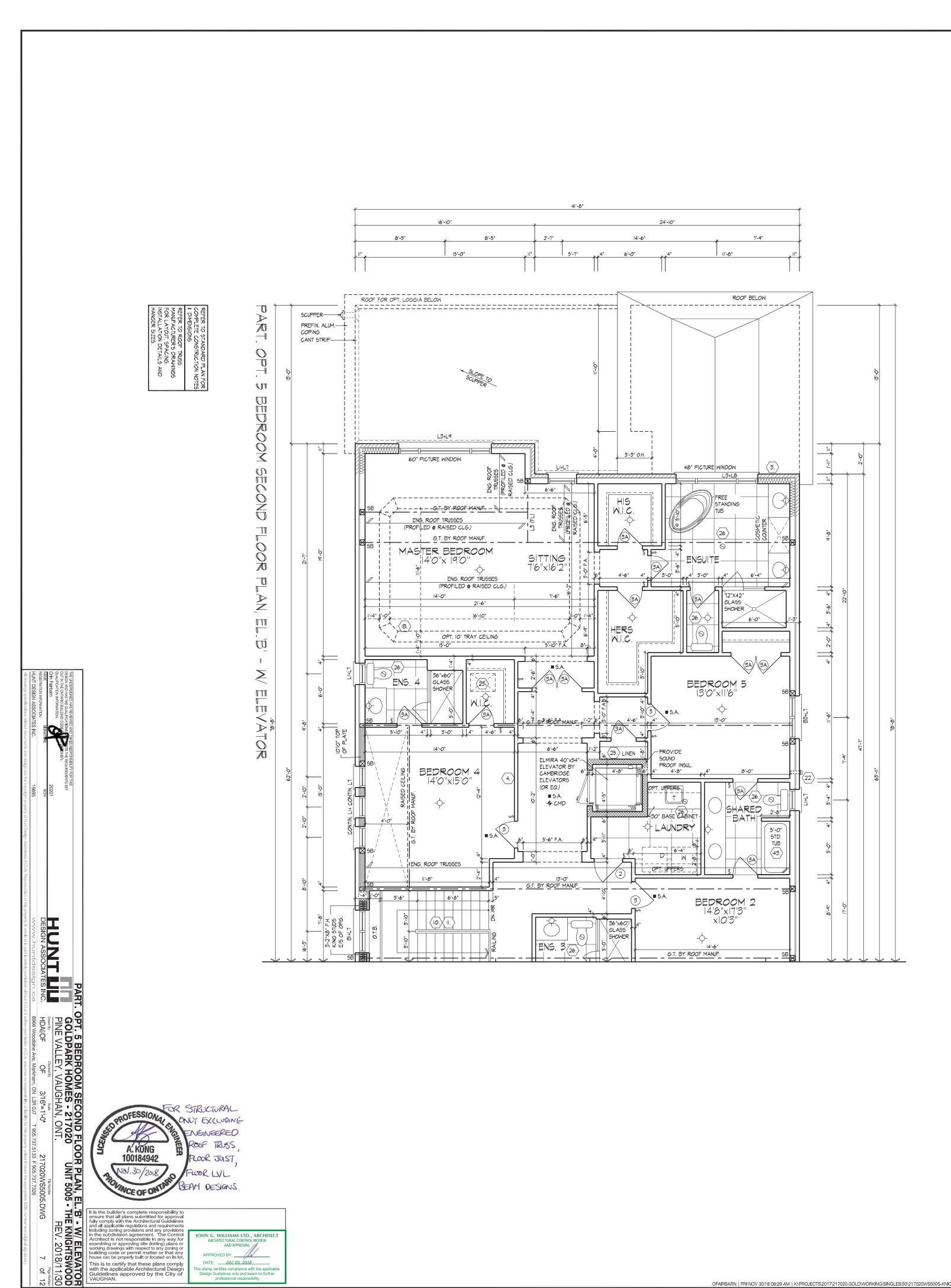
3/16"=1'-0"

217020WS5005.DWG T 905.737.5133 F 905.737.7326

JOHN G. WILLIAMS LTD., ARCHITECT APPROVED BY: __ DATE: <u>DEC 03, 2018</u> stamp certifies compliance with the applicabl Design Guidelines only and bears no further professional responsibility.

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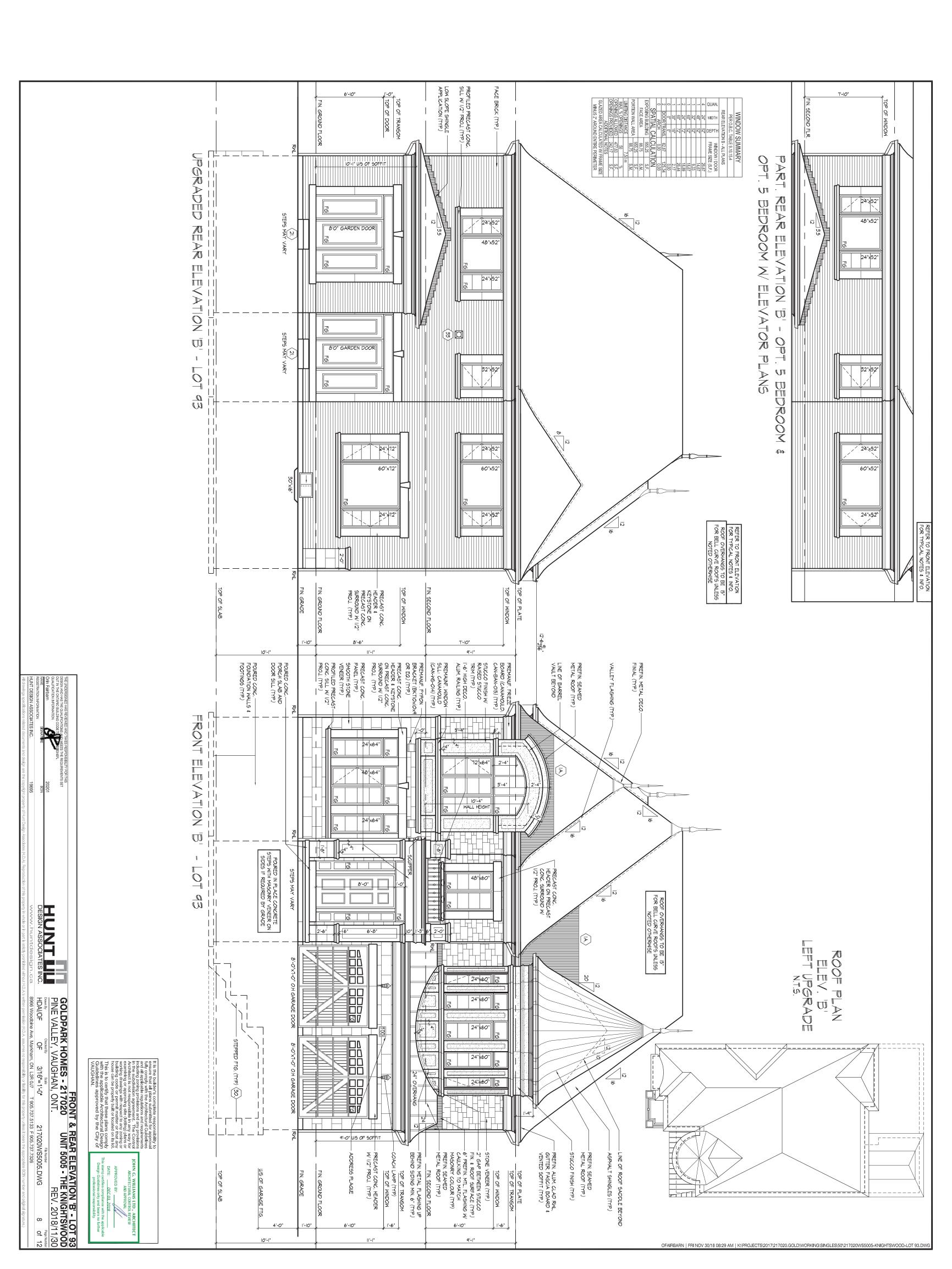


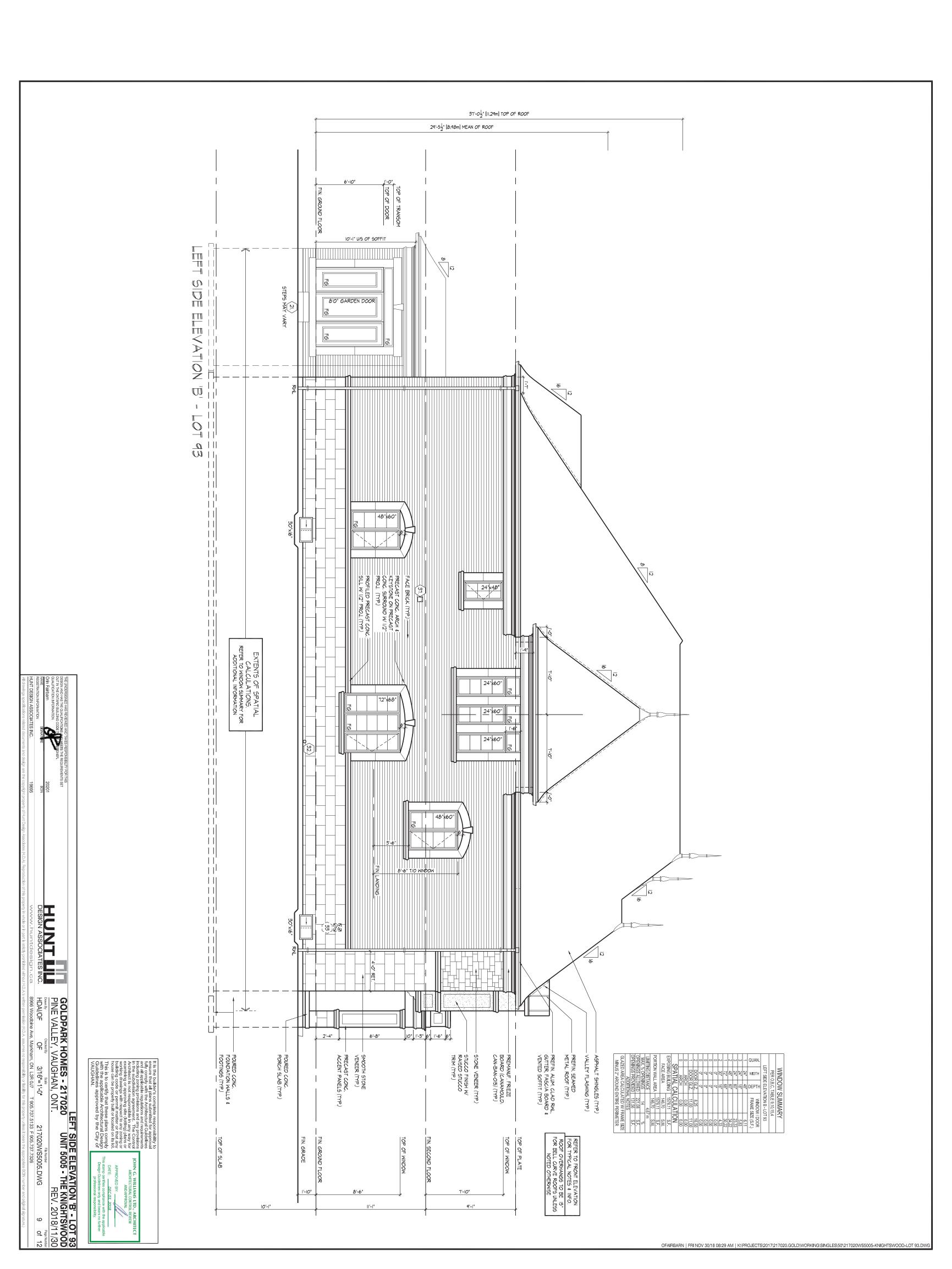


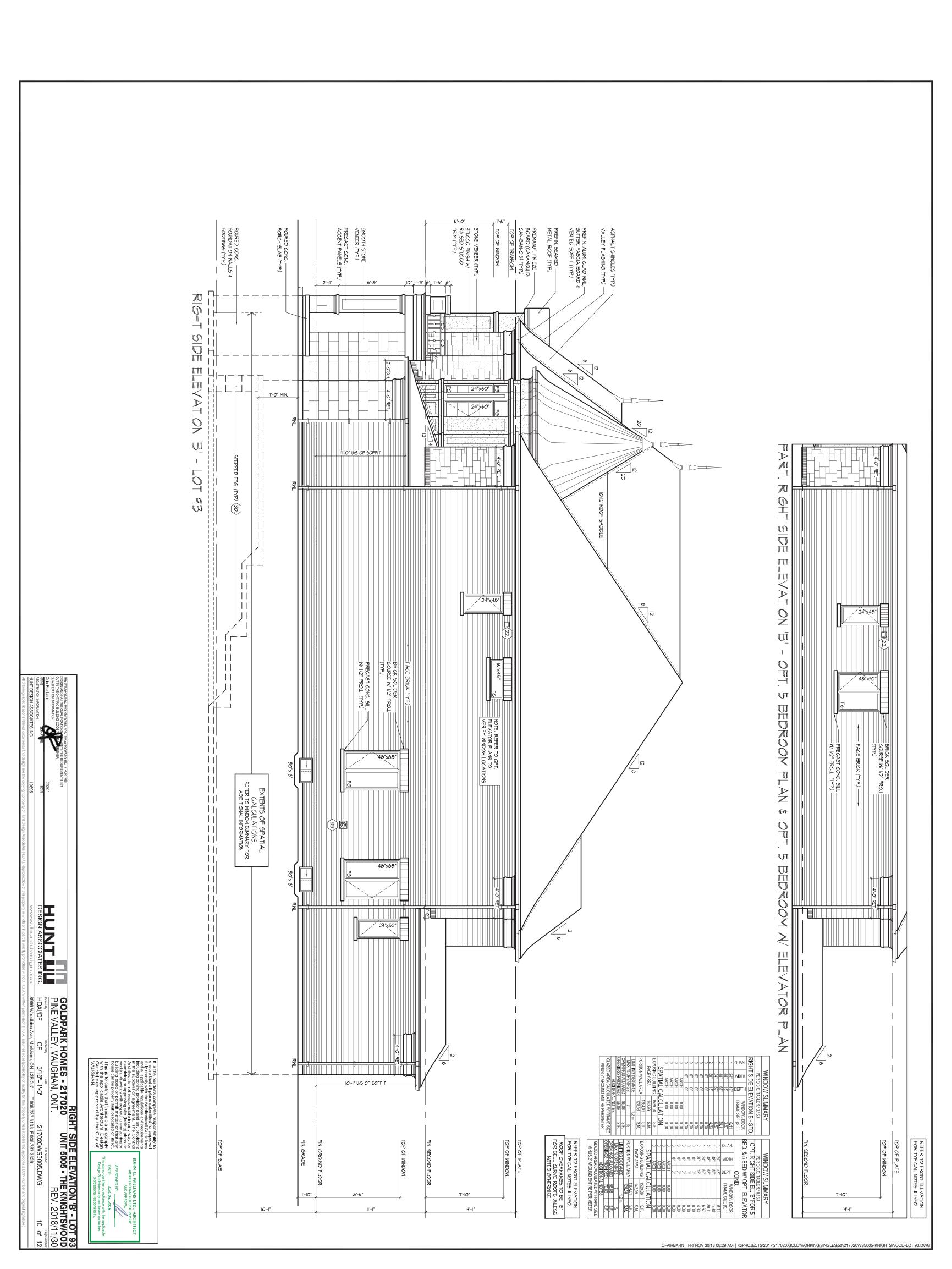
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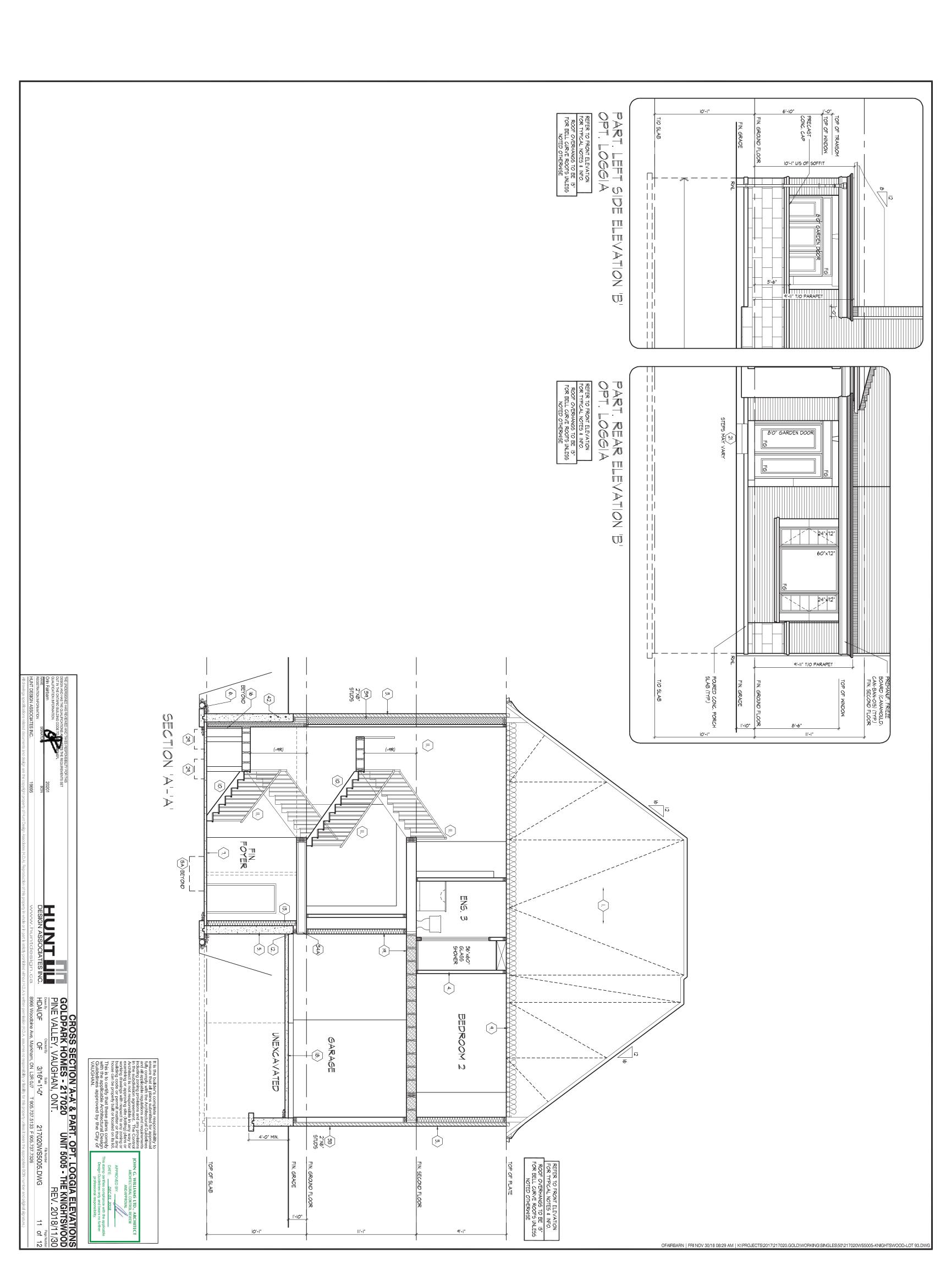
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot. JOHN G. WILLIAMS LTD., ARCHITECT This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of VAUGHAN. DATE: <u>DEC 03, 2018</u> stamp certifies compliance with the applical

OFAIRBARN | FRI NOV 30/18 08:29 AM | K:\PROJECTS\2017\217020.GOLD\WORKING\SINGLES\50\217020WS5005-KNIGHTSWOOD-LOT 93.DW









SECTION 1.0. CONSTRUCTION NOTES 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"A" (38X89) TRUSS BRACING @ 6"-0" (1830) O.C. AT BOTTOM CHORD. PREFIN. ALUM. 28" OR BEQUIRED OPENILATION 1:300 OF NSULATED CEILING AREA WITH MIN. 25", OR REQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25", OR PREQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25" OR PREQUIRED OPENINGS WOOTO CONCRETE SPLASH PADS OR PER MUNICIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG FALVESTROUGH WALL MIN. WITH RACED HEATER CABLE ALONG FALVESTROUGH WALL MIN. (5A) FOUNDATION REDUCTION IN THICKNESS FOR MASONRY WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS PERMIT THE INSTALLATION OF MASONING PROPERTY. I OP OF THE FOUNDATION EXTERIOR FACING, THE REDUCED INSTALLATION OF MASONRY EXTERIOR FACING, THE REDUCED TALL BE NOT LESS THAN 3 1/2" (90) THICK. THE BRICK VENEER SHALL THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES OF VERTICAL AND 2".11" (889) HORIZONTAL FILL VOID WITH MORTAR WALL AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3)) 21

ICE AND WATER SHIELD

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), & SECTION 1.1. INSULATION, APPROVED 6 MIL
POLYETHYLENE ARRIVAPOUR 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 GUIDDANG MATERIAL MATERIAL AS PER ELEVATION ATTACHED TO GUIDDANG MATERIAL AS PER ELEVATION ATTACHED TO G 2 SIDING WALL CONSTRUCTION
SIDING MATERIAL AS DED ELEMATION. EXTEND OF DOMESTIMES.

(18) PROFILED ROOF TRUSSES

ROOF TRUSSES SHALL BE PROFILED AND/OR STEPPED AT RAISED COFFER/TRAY
CFILINGS, ANGLED TRAY CEILINGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD.

28 SIDING WALL @ GARAGE CONSTRUCTION
SIDING MATERIAL AS PER FI EVATION ATTACHED TO TO RING MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON PROVED SHEATHING PAPER ON 3/8" (9.5) EXTERIOR TYPE SHEATHING ON JDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1.1/2" (12.7) GYPSUM LEDOARD INTERIOR FINISH. (GYPSUM SHEATHING, RIGID INSULATION AND FROARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING 3.16.3.(1.1) (REFER TO 35 NOTE AS REQ.) JIR/WATER BAPRIER AS PER O. B.C. 9.27.3 ON EXTERIOR TYPE RIGID (JOINTS UNITAPED) MECHANICALLY FASTENED AS PER RIGID SPECIFICATIONS ON 3/8" (9.5) EXT. GRADE SHEARIHING ON OPMINIG TO O. B.C. (9.23.10.1), & SECTION 1.1, INSULATION, APPROVED THYLENE AIR/WAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD SHALL NOT BE SUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE ALTOCHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.)

BRICK VENEER WALL CONSTRUCTION
3 12" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"x7"x0. ACE, 7/8/X7/003" (22X/180/0,76) GALV, METAL TIES VERT. BONDING AND FASTENING FOR TIES TO SHEATHING PAPER, 3/8" (5.5) EXTERIOR TYPE OB.C. (9.23) (1.1), 8.5 ECTION 1.1, INSUL ATION RRIER WITH APPROVED CONTIN. AIR BARRIER, 1/2" (FINISH, PROVIDE WEEF HOLES (9.32" (800) O.C. SS. PROVIDE WEEF LASHING UP MIN. 6" (150) REFER TO 35 NOTE AS REQUIRED)

BRICK VENEER WALL CONSTRUCTION W/ CONTIN. INSULATION

3 1/2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8%7"x0.03" (22x180x0.76) GALV. METAL
TIES (9) 18" (400) O.C. HORIZ, 24" (600) O.C. VERT, BONDING AND FASTENING FOR
TIES TO CONFORM WITH 9.20.9. ON APPROVED AIRWATER BARRIER AS PER O.B.C.
9.27.3. ON EXTERIOR TYPE RIGID INSULATION (OMITS UNTAPED) MECHANICALLY
FASTENED AS PER MANUFACTURER'S SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE
SHEATHING, STUDS CONFORMING TO 0.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 (9.2" (800)
O.C. BOTTOM COURSE AND OVER OPENINGS, PROVIDE BASE FLASHING UP MIN. 6"
(150) OVER RIGID INSULATION (9.20.13.6.) (REFER TO 35 NOTE AS REQUIRED) BRICK VENEER WALL @ GARAGE CONSTRUCTION
3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8"x7"x0.03" (22
METAL I'IES @ 16" (400) O.C. HORIZ 24" (600) O.C. VERT. BONDING
FOR TIES TO CONFORM WITH 9.20.9, ON APPROVED SHEATHING

(VENEER, MIN. 1° (25) AIR SPACE, 7/8%7%0.03° (22x180x0.76) GALV. 6° (400) O.C. HORIZ. 24° (600) O.C. VERT. BONDING AND FASTENING MYCH 9.20.9. ON APPROVED SHEATHING PAPER, 3/8° (9.5) SHEATHING SON STUDS CONFORMING TO O.B.C (9.23.10.1.) & "2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH, PROVIDE WEEP 20) O.C. AT BOTTOM COURSE AND OVER OPENINGS, PROVIDE UP 6° (150) MIN. BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO

| 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) TOP PLATE. 1/2" (27.7) INT. DRYWALL BO'TH \$100 STUDS, RPOVIDE 2"x6" (38x40) @ 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. JOISTS WHEN NON-LOADBEARING WALLS ARE PARALLEL TO FLOOR JOISTS.

BASEMENT INSULATION ((SB-12) 3.1.1.7.)

BASEMENT INSULATION ((SB-12) 3.1.1.7.)

BASEMENT INSULATION ((SB-12) 3.1.1.7.)

BROWDE CONTINUOUS BLANKET INSULATION W/ BUILT IN 6 mil POLYETHYLENE VAPOUR BARRIER, INSULATION TO EXTEND NO MORE THAN 8" (200) ABOVE FINISHED BASEMENT FLOOR, DAMPROOFED WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

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THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

TO HEX NOTE 5. ADD HORIZ BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

ADJUSTABLE STEEL FOOLDMN CONFORMING TO CANCGES T- ZM, AND WITH GYBEN AND CONFORMING TO CANCGES T- ZM, AND WITH GYBEN AND CONFORMING TO CANCGES T- ZM, AND WITH GYBEN AND CONFORMING TO CANCGES T- ZM, AND WITH MIN. BEARING CAPACITY OF 128/FB S.L.S. AS PER SOILS REPORT.

SUPPORTING 3 STOREY FLR. LOAD PROVIDE 34"X34"X16" (870x870x40) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING 3 STOREY FLR. LOAD PROVIDE 40"X40"X19" (1060X1060X480) CONC. FOOTING SUPPORTING SUPPOR

NON-ADJUSTABLE STEEL BASEMENT COLUMN
3 1/2" (90)@x 0.188" (4.78) NON-ADJUSTABLE STEFI COLUMNN

NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL
31/2" (90)Ø x 0.188" (4.78) NON-ADJUSTABLE STEL COLUMN WITH 6"x6"x3/8"
(152x15x9.5) 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"Ø x 12" LONG x 2" HOOK ANCHORS
(2-12.7@x305x50). FIELD WELD COLUMN TO BASE PLATE & STEEL BM.

TEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.)

STEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.)

BEAM POCKET OR 6%" (200.200) POURED CONC. NIB WALLS, MIN. BEARING 3 1/2" (90).

WOOD STRAPPING AT STEEL BEAMS (9.23.4.3.(3.), 9.23.9.3.)

1x3" (19x64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM.

GARAGE SLAB (9.16., 9.35.)

GARAGE SLAB (9.16., 9.35.)

MAX. HEIGHT FROM FIN. SLAB TO GRADE

UNSUPPORTED

VALUE

SUPPORTED

20

55B 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))

(6) WEEPING TILE (9.14.3.)

4" (100) Ø WEEPING TILE WI FILTER CLOTH WRAPA & 6" (152) CRUSHED STONE COVER PA' (100) Ø WEEPING TILE WI FILTER CLOTH WRAPA & 6" (16.4.3.)

3" (80) MIN. 25MPa (3600psi) CONC. SI AR ON A" ARVA CONTROL OF THE PARTY OF TH

B EXPOSED FLOOR TO EXTERIOR (9.10.17.10, & CAN/ULC-S705.2)
PROWIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL FIN. SOFFIT OR CLADDING AS PER ELEVATION TO U/S OF EXPOSED CANT. JOIST.

B EXPOSED CEILING TO EXTERIOR w/ ATTIC (9.25.2.4)
INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD UN ZUMPA (2000ps) CONC. WITH DAMPPROOFING BELOW SLAB. PROVIDE 1/2"
(12.7) IMPERVIOUS BOARD FOR BOND BREAK AT EDGE. (9.13) WHERE A SASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID NISUL AROUND THE PERMETTER EXTENDING MIN. 24" (610) BELOW GRADE. FOR SLAB ON GRADE CONDITIONS RIGID INSULATION SHALL BE APPLIED TO THE WIDDRENDE OF THE ENTER SLAB. ((35-12) 3.1.1.7.7.(5) & (6))

SPOSED FLOOR TO EXTERIOR

3ERS ON TYPE RIGID EXPOSED CEILING TO EXTERIOR w/o ATTIC

ं | JOISTS/TRUSSES AS PER PLANS W 2%2" (38x38) PUBLINS @ 16" (406) O.C. PERPENDICULAR TO JOISTS (PURLINS NOT REG. W/ SPRAY FOAM OR ROOF TRUSSES), W/INSULATION BETWEEN LOIST 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) 28 (27) SCYPSUM BOARD INT. FINISH OR APPROVED EQ. (CANVULC-S705.2, 9.19.1, 9.10.17.1) | ALL STAIRS/EXTERIOR STAIRS (9.8.1.2., 9.8.2., 9.8.4.) | MAX. RISE MAX. RISE MAX. RIUN MIN. RUN MAX. TREAD PRIVATE | 77/8" (200) | 5" (125) 14" (355) | 81/4" (210) | 14" (355) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (235) | 91/4" (23

** HEIGHT OVER STARS (HEADROOM) IS MEASURED VEHILANDLE AND NOSING WIDTH OF STARS FROM A STRAIGHT LINE TO THE TREAD & LANDING NOSING WIDTH OF STARS FROM A STRAIGHT LINE TO THE TREAD & LANDING NOSING TO LOWEST POINT ABOVE AND NOT LESS THAN 6"-5" (1950) FOR SINGLE DWELLING UNIT & 6"-8 3/4" (2050) FOR EVERYTHING ELSE. (9.8.2.2.)
REQUIRED LANDING IN GARAGE - O.B.C. 9.8.6.2.(3.)
FOR AN EXTERBIOR STARS SERVING A GARAGE WI MORE THAN 3 RISERS.
GLIARDS. HANDRAILS & STEPS AS PER CONSTRUCTION HEX NOTE 10 & 11.

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.

 $\stackrel{\scriptsize \bigcirc}{\Rightarrow}$

GUARD HIGHTS - O.B.C. 9.8.8.

GUARD HIGHTS - O.B.C. 9.8.8.

INTERIOR GUARDS: 2-11" (900) MIN. (LESS THAN 5-11" (1800) TO GRADE)

S-6" (1070) MIN. (MORE THAN 5-11" (1800) TO GRADE)

GUARDS FOR EXIT STARE: 3-0" (920) MIN.

GUARDS FOR HANDINGS @ EXIT STARE: 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.

HELDIHED GUAHDS

BETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN ELEVATION MORE THAN 23.5%" (600) OR ADJACENT SURFACE WITHIN 3-11" (1200) & WALKING SURFACE W. A SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GLARDS 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 RAWP: 2-10" (865) MAX. HEIGHT AT STAIRS OR RAWP: 3-2" (965) MAX. HEIGHT AT ITALINING: 3-6" (1070) STAIRS OR RAMP MIN, 7-3" (200) WIDE: 2-9" (865) MIN, HEIGHT AT LANDING: 3-6" (2200) WIDE: 2-9" (865) MIN, HEIGHT

SILL PLATES

2"X-4" (38-89) SILL PLATE WITH 1/2" (12.7)Ø ANCHOR BOLTS 8" (200) LONG, EMBEDDED MIN. 4" (100) INTO CONC. @ 4"-0" (1220) 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.)

ADDITION ADD

R O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID NUCALLY FASTENED AS PER N. 3/8" (9.5) EXTERIOR TYPE SHEATHING, D.1.), & SECTION 1.1., INSULATION AND 6 (1), THE PROVED CONT. AIR BARRIER, 1/2"

5 POUNDATION WALL/FOOTINGS
POURED CONC. FOUNDATION WALL AS

TO O.B.C (9.23.10.1.) & RARRIER WITH AND INT. FINISH. (9.23.)

NON-ADJUSTABLE SI EEL BASEMEN I COLUMN

3 1/2" (90)0 x 0.188" (4.78), NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x9.5)

STEEL PLATE TOP & BOTTOM, BOTTOM PLATE C,W 2 1/2"0 x 12" LONG x2" HOOK
ANCHORS, FIELD WELD BASEMENT COLUMN CONNECTION. POUHED CONCRETE
FOOTING ON NATURAL UNDISTURBED SOIL OF 125kPa S.L.S. OR COMPACTED
ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 125kPa S.L.S. AS PER SOILS REPORT.

SUPPORTING 2 STOREY FLR. LOAD PROVIDE 42"x42"x18" (1070x1070x460) CONC. FOOTING
SUPPORTING 3 STOREY FLR. LOAD PROVIDE 48"x48"x24" (1220x1220x610) CONC. FOOTING 39

IRED CONC, FOUNDATION WALL AS PER CHART BELOW ON CONTINUOUS
ED CONCRETE FOOTING, FOUNDATION WALLS SHALL EXTEND NOT LESS
NO "(150) ABOVE FINISHED GRADE. THE OUTSIDE OF THE FOUNDATION
LL BE DAMPROOFED FROM THE TOP TO 2" BELOW GRADE. PROVIDE A DRANNAGE
ER ON THE OUTSIDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE LAYER
THE TOP THE TOP OF THE CONC. FOOTING SHALL BE DAMPROOFED.

(CRETE FOOTINGS SUPPORTING JOIST SPANS GREATER THAN 16-1" (4900)
LL BE SIZED IN ACCORDANCE WITH 9,15.3.4 (1),(2) OF THE O.B.C. (REFER TO
ART BELOW FOR RESPECTIVE SIZE). BRACE FOUNDATION WALL FROM TO
XFILLING, ALL FOOTINGS SHALL REST ON NATURAL UNDSTURBED SOIL OF
FOR S.L.S., IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY
TISKPR S.L.S., IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY
TISKPR S.L.S., IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY
TISKPR S.L.S., OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY
TISKPR S.L.S., IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY
TISKPR S.L.S., OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY
TISKPR S.L.S., OR CONFECTION DEFAILS FOR FOUNDATION
L STRENGTH AND THICKNESS AND DETAILS FOR FOUNDATION
L STRENGTH AND THICKNESS AND 9.10- (3.0m) IN UNSUPPORTED
SHT UNLESS OTHERWISE NOTED. [9.15.4.2.(1.)]

4" (100) 33MPa (4640ps) CONC. SLAB WITH 5-8% AIR ENTRANMENT ON OPT.
4" (100) 33MPa (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 N.

(19) GARAGE TO HOUSE WALLS/CEILING. (9.10.9.16.)
(12" (12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9.10.17.10, CANVULC-S705.2)

(19A) GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION INSULATION IN WALLS INSTALLED OVER EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURERY SPECIFICATIONS ON 39" EXTERIOR GRADE SHEATHING ON STUDS BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS & SPRAY FOAM FOR CEILINGS. TAPE AND SEAL ALL JOINTS GAS TIGHT. (9.10.9.16., 9.10.17.10, CANVULC-S705.2)

22 DRYER EXHAUST
CAPPED DRYER EXHA 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 GRACING SHAWINGS. 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.

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" (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) (ISB-12] 3.1.1.8.(1))

74 FIREPLACE CHIMNEYS
TOP OF FIREPLACE CHIMNEYS 25 EINEN CLOSET
PROVIDE 4 SHELVES MIN. 14" (356) DEEP ACE CHIMNEY SHALL BE 2-11" (889) ABOVE THE HIGHEST POINT MES IN CONTACT WITH THE ROOF AND 2-0" (610) ABOVE THE WITHIN A HORIZ. DISTANCE OF 10-0" (3048) FROM THE CHIMNE'S

(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.

(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.) x5/8" (305x305x15.9) STEEL PLATE FOR STEEL BEAMS AND 12"x12"x1/2" (205x305x15.9) STEEL PLATE FOR WOOD BEAMS BEARING (MIN. 3-12" (89)) ON BLOCK PARTY WALL, ANCHORED WITH 2-3/4" (2-19) x 8" (200) LONG GALV DRS WITHIN SOLID BLOCK COURSE. LEVEL W NON-STRINK GROUT. TO NOTE SOLID BEARING (SECTION 3.0) FOR WD. STUD PARTY WALL.

(30) STEP FOOTINGS (9.15.3.9.)
MIN. HORIZ STEP = 23 5/8" (600). MAX. VERT. STEP = 23 5/8" (600) (29) BUILT-UP WOOD POST AND FOOTING (9.17.4.1., 9.15.3.7.)
3-2"X6" (3-38X-40) BUILT-UP WOOD POST (UNLESS OTHERWISE NOTED) ON METAL BASE SHOE ANCHORED TO CONC. WITH 1/2" (12.7) Ø BOLT, 24"x24"x12" (610x610x305) CONC. FOOTING OR AS PROVIDED ON PLAN. REFER TO NOTE 28

(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

(33) FIREPLACE VENTING (9.32.3.)

DIRECT VENT GAS FREPLACE 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.

34 FLOOR FRAMING
T&G SUBFLOOR ON WO R FRAMING (9.23.3.5., 9.23.9.4., 9.23.14.)

BELOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION BELOORS, ALL JOISTS WHERE REQUIRED TO BE BRIDGED WITH 27X!! CROSS BRACING OR SOLID BLOCKING @ 6'-11" (2108) O.C. MAX, ALL TO BE STRAPPED WITH 1"X3" (19x64) @ 6'-11" (2108) O.C. UNLESS A TYPE CEILING FINISH IS APPLIED.

HEADER CONSTRUCTION

HEADER CONSTRUCTION

PROVIDE CONTINUOUS APPROVED AIRVAPOUR BARRIER (HEADER WRAP)

PROVIDE CONTINUOUS APPROVED AIRVAPOUR BARRIER (HEADER WRAP)

DO UNDERT THE SILL PLATE, AROUND THE RIM BOARD AND UNDER THE BOTTOM PLATE. THE HEADER WRAP SHALL EXTEND OF (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 WALL AND OVERLAP WITH THE WAPOUR BARRIER AND SEAL THE JOINT. ALL EDGES/JOINTS MUST BE MECHANICALLY CLAMPED.

(36) COLD CELLAR PORCH SLAB (9.39.)
FOR MAX, 8-5" /25001 DODO! DODO! WALL ASSEMBLY CONTAINS INSULATION CONFORMING TO CANVULC-S702 & HAVING A MASS OF NOT LESS THAN 1.22 KGM/2 OF WALL SUPFACE AND 102" (12.7) TYPE X GYPSUM WALLBOARD INTERIOR FINISH. EXTERIOR CLADDING MUST BE NON-COMBUSTIBLE WHEN LIMITING DISTANCE IS 23.5/8" (0.60m) OR LESS, WALL ASSEMBLY REQUIRES TO HAVE A FIRE RESISTANCE RATING OF WOT LESS THAN 4.5 MINUTES & CONFORMING TO 0.B.C. (9.10.14. OR 9.10.15.), REFER TO DETAILS FOR TYPE & SPECS. "A AN OPENING IN AN EXPOSING BUILDING FACE NOT MORE THAN 2.011/2 (130cm²) SHALL NOT BE CONSIDERED AN UNPROTECTED OPENING AS PER

(37) RANGE HOODS AND RANGE-TOP FANS
COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST

(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, CELLING JOISTS TO BE 2"X4" (38X:89)
(9.16" (406) O.C., FOR MAX. 9-3" (2819) SPAN & 2"X6" (38X:184) (9.16" (406)
O.C., FOR MAX. SPAN, 14-7" (4450), RAFTERS FOR BUILT I UP ROOF OVER PRE-ENGINEERED ROOF TRUSSES AND OR CONVENTIONAL FRAMING TO BE 2"X4" (38X:89) (@ 24" (610) O.C., UNLESS OTHERWISE SPECIFIED. TWO STOREY VOLUME SPACES (9.23.10.1., 9.23.11., 9.23.16.)

WALL ASSEMBLY

WALL ASSEMBLY

WALL ASSEMBLY

WIND LOADS

> 0.5 kPa (q50)

SPACING MAX HEIGHT SPACING NO. 12' (305) O.C. 18'-4" (5588)

SIDING SPR, #2 12" (305) O.C. 18'-4" (5588) 12' (305) O.C. 18'-4" (5588)

SIDING SPR, #2 12" (305) O.C. 21'-0" (6400) 12' (305) O.C. 21'-0" (6400)

** STUD SIZE & SPACING TO BE VERIFIED BY STRUCTURAL ENGINEER ** 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.

ONLY EXCLUSING BEAM DESIGNS ENGINEERED FLOOR LVI FLOOR JOIST,

cont. SECTION 1.0. CONSTRUCTION NOTES

SECTION 1.1. WALL STUDS

USUPPORTED 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. 9.7.2.1

BEL STUD

40A 2 HR. FIREWALL ([SB-3] WA 1/2" (12.7) GYPSUM SHEATHING 1/2" (610)

STUCCO WALL CONSTRUCTION
STUCCO FINISH CONFORMING TO O.B.C. S

DICING AT STARS AND SUNKEN FLOOR AREAS

BARS IN TOP PORTION OF WALL (UP TO 8-0" OPENING)

BARS IN TOP PORTION OF WALL (8-0" TO 10-0" OPENING)

BARS IN TOP PORTION OF WALL (10-0" TO 15-0" OPENING)

STACKED VERTICALLY AT INTERIOR FACE OF WALL @ 6" O.C.

4 43

REPARED SPACE CONDITION

LCONY CONSTRUCTION NOTE FOR ASSEMBLY, REFER TO JUST SIZE & REFER TO HEX NOTE 9 FOR INSULATION AND

47

40 1/2" (12.7) GYDELIM CUTATION OF THE

<u>4</u>

S

ECTION 2.0. GENERAL NOTES

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

41B (41A) STUCCO WALL @ GARAGE CONST.

42 DS CONFORMING TO O.B. (5), 23.10.1), & SECTION 1.1., 1/2" (12.7) GYPSUM DS CONFORMING TO O.B. (6), 23.10.11, & SECTION 1.1., 1/2" (12.7) GYPSUM LEBOARD INT. FINISH. (REFER TO 35 NOTE AS REQ.) FOR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION, FOR DRAINING EMAT ON 7/10" (11) EXTERIOR TYPE SHEATHING AS PROVED DRAINING EMAT ON 7/10" (11) EXTERIOR TYPE SHEATHING AS REQ.) AND STUDS IN LIEU OF 1 1/2" (38) E.F.I.S (MINIMUM) APPROVED DRAININGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BRD. ECTION 9.28. AND APPLIED PER
1/2" (38) E.F.I.S (MINIMUM) ON
ENSGLASS GOLD GYPSUM BRD. ON
8. SECTION 1.1., 1/2" (12.7) GYPSUM

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)

SHALL BE PROVIDED IN FRONT

O) SHALL BE PROVIDED IN FRONT NDOW WELL, A CLEARANCE OF NOT OVIDED IN FRONT OF THE WINDOW. NED TO THE FOOTING LEVEL OR " (100) WEEPING TILE C/M A FILTER) HED STONE. (9.9.10.1.(5), 9.14.6.3.)

45 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" (38-28) ROOF JOISTS @ 16" (406) O.C. MAX, (UNLESS OTHERWISE NOTED) W/ 272" (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 FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE THE INNER FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE THE INNER FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE THE INNER FINISH OR APPROVED EQ. INSULATION VALUE DIRECTLY ABOVE THE INNER FINISH OR EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 RSI).

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ONSTRUCTION NOTE. INCLUDE 2"x4" (38x89) PT. AID FLAT PARALLEL TO JOISTS ON 2"x4" (38x89) C. LAID FLAT PERPENDICULAR TO JOISTS

BARREL VAULT CONSTRUCTION
CANTILEVERED 2"x4" (38x8) SPACERS LAI
ROOF, JOIST NAILED TO RI III T. LIP 3.3/4" (1

CK) (ISB-3] WALL TYPE B66 & B1b)

+ SIDE ON 2"×2" (38x38) VERTICAL WD.
CONC. BLOCK FILL STRAPPING
SF ABSORPTIVE MATERIAL
NSS. TAPE. FILL & SAND ALL GYPSUM
LED W/ 2 COATS OF PAINT OR
LED W/ 2 (12.7) GYPSUM SHEATHING.

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" (38x89) STUDS @ 16" (406) O.C., MIN. 1" (25) APART ON SEPARATE 2"X4" (38x89) SILL PRINTES. (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.

TIZ.7) GYPSUM SHEATHING ON EACH SIDE ON 2%2" (38x38) VERTICAL 12.7) GYPSUM SHEATHING ON EACH SIDE ON 2%2" (38x38) VERTICAL 2D STRAPPING @ 24" (610) O.C ON 8" (200) CONC. BLOCK 75% SOLID. STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE EIRAL PROCESSED FROM ROCK. SLAG OR GLASS. TAPE, FILL & SAND GYPSUM JOINTS. AT UNFINISHED AREAS, EXTERIOR FACE OF CONC. CK TO BE SEALED WITH 2 COATS OF PAINT. GYPSUM SHEATHING TO TACHED TO CONC. BLOCK. (REFER TO DETAILS)

WALLBOARD INT. HINSH. (HEFER TO 30 NOTE PORTION. INSULATION STUCCO WALL CONSTRUCTION W/ CONTIN. INSULATION STUCCO FINISH CONFORMING TO O.B.C. SECTION 9.E.B. AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/2" (38) E.J.F. S. (MINNIUM) ON MANUFACTURERS SPECIFICATIONS OVER 11/

CHICATIONS OVER 1 1/2" (38) E.I.F.S. (MINMUM) ON MAT ON APPROVED AIRWATER BARRIER AS PER O.B.C. MAT ON APPROVED AIRWATER BARRIER AS PER O.B.C. VER GIBD INSULATION (JOINTS UNTAPED) MECHANICALLY VIDEACTURER'S SPECIFICATIONS, ON 7/16" EXTERIOR TYPE CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., D.6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) NIT. FINISH, (REFER TO 35 NOTE AS REQUIRED)

4) REFER TO TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS
THE CELLING HEIGHTS OF ROOMS AND SPACES.

EXIT STAIRWAYS THAT EXTEND TO LESS THAN 2-11" (900) [3-6" (1070) BUILDINGS] SHALL BE PROTECTED BY GUARDS IN ACCORDANCE ABOVE). OR THE WINDOW SHALL BE NON-OPERABLE AND DESIGNED THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN

SNEED FOR ADDITIONAL SUPPORT, COMMERCIAL SUPPO

FLOOR LEVEL AS THE BEDROOM PROVIDES Y FLOOR LEVEL CONTAINING A BEDROOM IS NW MIN 0.36m2 UNOBSTRUCTED OPEN '3" (380), CAPABLE OF MANTAINING THE TONAL SUPPORT, CONFORMING TO 9.9.10.

ROOM UH SHALE LWING ROOM, DINING ROOM AND KITCHEN

BASEMENT

DOR AREA OR 6:11"
) FLOOR AREA.
E BASEMENT AREA
AND DUCTS THE

OR AREA WITH A ANY POINT

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 CHANGE PER HOUR
1 NOT AIR CONDITIONED 1 PER HOUR IF AIR CONDITIONED AVERAGED OVER 24
HOURS. WHEN A EVITILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED, CONFORM
170 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 OT WATER HEATER MINIMUM EFFICIENCIES.

ALL LUMBER SHALL BE SPRUCE No.2 GRADE OR BETTER, UNLESS NOTED OTHERWISE.
) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.
) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No. 2 GRADE PRESSURE
REATED OR CEDAR, UNLESS NOTED OTHERWISE.
) ALL LAMINATED VENEER LUMBER (LVL) BEAMS, GIRDER TRUSSES, AND METAL
ANGER CONNECTIONS SUPPORTING ROOF FRAMING TO BE DESIGNED & CERTIFIED
VENERAL MAND ROOF TRUSS MANUFACTURER. 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)

JGHT FIXTURE (CEILING MOUI

LIGHT FIXTURE (PULL CHAIN)

\$\$° **●**)

TELEPHONE JACK

CHANDELIER (CEILING MOUNTED)

VACUUM OUTLET

 \emptyset

ALL ELECTRICAL FACILITIES SHAL

3) JOIST HANGERS: PROVIDE APPROVED METAL HANGERS FOR ALL JOISTS AND 3JUIT-UP WOOD MEMBERS INTERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS.

3JUIT-UP WOOD MEMBERS INTERSECTING WITH FLUSH BUILT-UP WOOD MEMBERS.

3) WOOD FRAMING NOT TREAT A WOOD PRESS BY THE CONTROL OF THE CONTROL

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. IIS LINGS, FLAT ARCHES SHALL BE 6-10" (2080) A.F.F. LINGS, FLAT ARCHES SHALL BE 7-10" (2400) A.F.F. ELINGS, FLAT ARCHES SHALL BE 8-6" (2600) A.F.F. 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

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.

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

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

2 HR. FIREWALL REFER TO HEX NOTE 40A.

1.01 **kPa** 0.44 **kPa**

UNITED MEMBER. BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH LESS THAN 3" (76) NAILS SPACED NOT MORE THAN 11 3/4" (300) O.C. THE NUMBER ODS NO WALL DIRECTLY BELOW A GIRDER TRUSS OR ROOF BEAM SHALL ORM TO TABLES A-34 TO A-37. (9.17.4., 9.23.10.7.)

SOLID BEARING (BUILT-UP WOOD COLUMNS AND STUD POSTS)

LBY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S)
CANCIGA-6.19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH
ADJACENT TO EACH SLEEPING AREA, CARBON MONOXIDE ALARM(S)
INENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS
SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

2.10. ULC SPECIFIED ASSEMBLIES
ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY ULC USTED ALL REQUIRED INDIVIDUAL COMPONENTS THAT FORM PART OF ANY ULC USTED OR SUBST ASSEMBLY, SPECIFIED WITHIN THESE DRAWMORS, CANNOT BE ALLTERED THAT IS IDEST FOR ANY OTHER MATERAL/PRODUCT OR SPECIFIED MANUFACTURER THAT IS IDEN IN THAT SPECIFIED ULC USTING: THERE SHALL BE NO DEVIATIONS UNDER ANY CIRCUMSTANCES IN ANY ULC USTED ASSEMBLY IDENTIFIED IN THESE DRAWINGS.

| W | W | B | B | C | F | SECTION 3.0. 3.1. WOOD LINTELS AND BUILT-UP WOOD
N R DART 9 TARLES AB TO A10 AND A12, A15 & LEGEND WWWWW EXPOSED BUILDING FACE -O.B.C. 9.10.14. OR 9.10.15.
REFER TO HEX NOTE 35. & DETAILS FOR TYPE AND SPECIFICATIONS.

| DESIGN ASSOCIATES INC. (H.D.A.I.) BEFORE PROCEEDING WITH TH | 8'-1" (2.48m) | 8'-9" (2.66m) | 9-8 | 9 x 6.4) | 4" x 3 1/2" x 1/4" (102 x 89 x 6.4) | œ |
|---|--------------------------|---------------------|---|--------------|--|----|
| CONTRACTOR MILET VERIEVALL LIVE VERIEVALL OF REDOR | 7"-6" (2.30m) | 8-1" (2.47m) | 8'-1 | x 89 x 6 4) | 3 1/2" x 3 1/2" x 1/4" (89 x 89 x 6.4) | .7 |
| | STONE | BRICK | | | SIZE | Ä |
| | 3) | 8 9 20 5 2 (| (DIVISION B PART 9. TABLE 9.20.5.2.B.) FORMING PART OF SENTENCE 9.20.5.2.(2) & 9.20.5.2.(3) | AT OF SE | FORMING PA | |
| | ENEER | ONRY V | 3.2. STEEL LINTELS SUPPORTING MASONRY VENEER | STE. | 3.2. STEEL LINT | |
| | 4-1 3/4"x14" | LVL13 4 | 4-1 3/4"x11 7/8" | LVL9 4 | 4-1 3/4"x9 1/2" | 8 |
| | 3-1 3/4"x14" | LVL12 3 | 3-1 3/4"x11 7/8" | LVL7 3 | 3-1 3/4"x9 1/2" | 2 |
| | 2-1 3/4"x14" | LWL11 2 | 2-1 3/4"x11 7/8" | LVL6 2 | 2-1 3/4"x9 1/2" | 4 |
| | 1-1 3/4"x14" | LVL10 1 | 1-1 3/4"x11 7/8" | LVL3 1 | 1-1 3/4"x9 1/2" | 12 |
| | 3/4" x 14" LVL | 13 | 3/4" x 11 7/8" LVL | 13 | 1 3/4" x 9 1/2" LVL | |
| | OTHERWISE) | SS NOTED | - GRADE 2.0E (UNLE | CHEDULE | ENGINEERED LUMBER SCHEDULE - GRADE 2.0E (UNLESS NOTED OTHERWISE) | |
| | 5/2"x12" (5/38x286) | B9 5, | 5/2"x10" (5/38x235) | B8 5, | 5/2"x8" (5/38x184) | 7 |
| | 4/2"x12" (4/38x286) | B6 4, | 4/2"x10" (4/38x235) | B4 4, | 4/2"x8" (4/38x184) | 12 |
| STAMP | 3/2"x12" (3/38x286) | B5 3, | 3/2"x10" (3/38x235) | B3 _3 | 3/2"x8" (3/38x184) | |
| WII 40 (400) (00 1.11): | 2/2"x12" (2/38x286) | L5 2) | 2/2"x10" (2/38x235) | L3 2, | 2/2"x8" (2/38x184) | |
| WIND I OAD (050) (SB-1 3): | 2"x12" SPRUCE #2 | 2"x | 2"x10" SPRUCE #2 | 2"x" | 2"x8" SPRUCE #2 | |
| DESIGN SNOW I OAD (9 4 2 2): | 3.13.8 (2), 9.37.3.1.(1) | 3 (1),(3), 9 20 | 1, 9 23 4 2 (4), 9 23 12 3 | 9 23 4 2 (3) | (DIVISION D FART 3, TABLES 46 TO AND ATC, ATS & ATS) -ORMING PART OF SENTENCE 9.23.4.2.(3), 9.23.4.2.(4), 9.23.12.3.(1),(3), 9.23.13.8.(2), 9.37.3.1.(1) | 유 |
| SECTION 4.0. CLIMATIC DATA | | JP WOOI | 3.1. WOOD LINTELS AND BUILT-UP WOOD | DLINTE | 3.1. WOO | |
| | | | | | | |

| DES | |
|---------------|--|
| DESIGN ASSOCI | |
| SSOC | |
| MATES | |
| Z | |

GOLDPARK HOMES - 217020 PINE VALLEY, VAUGHAN, ONT.

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MARCH 21, 2018

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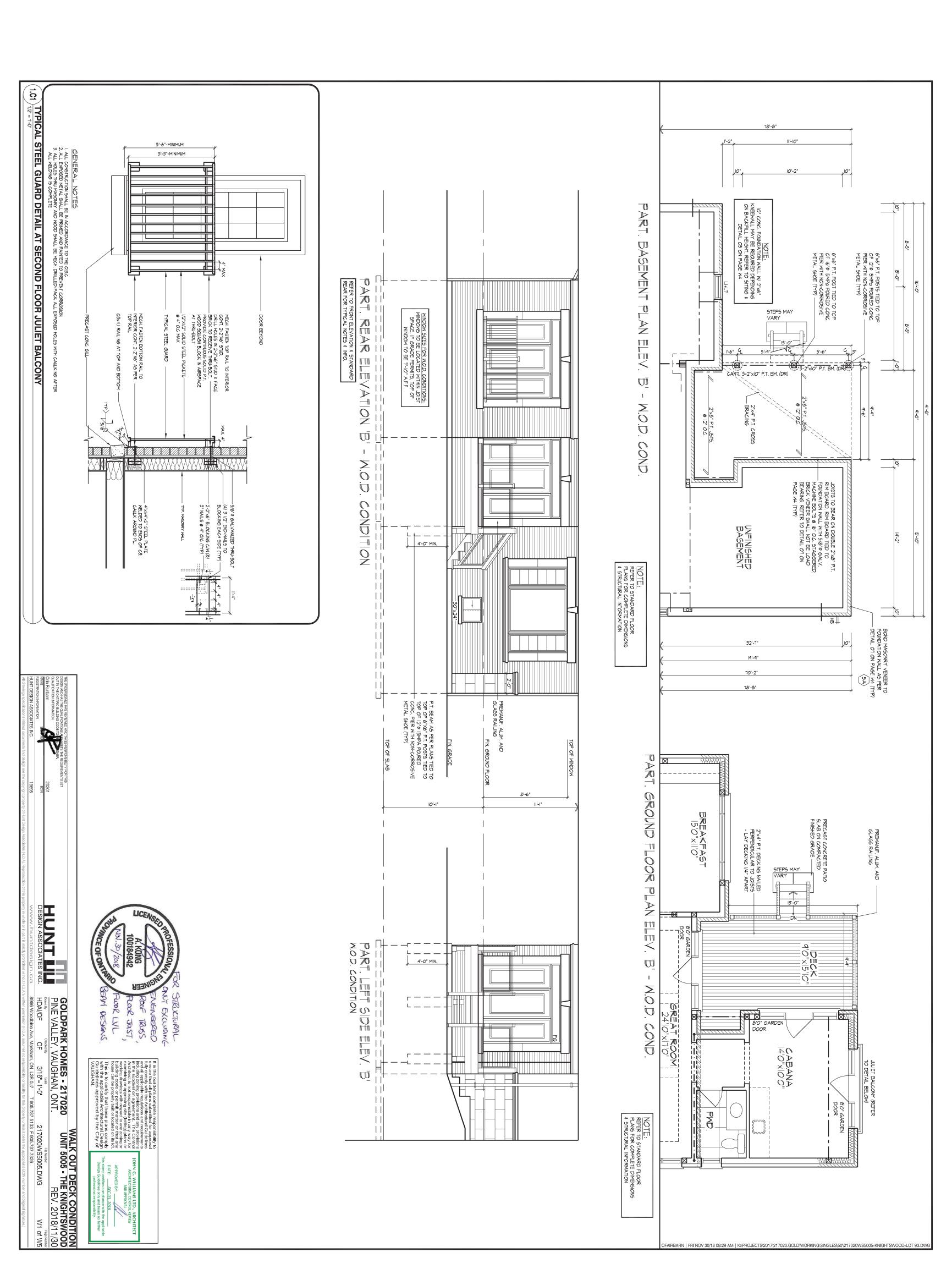
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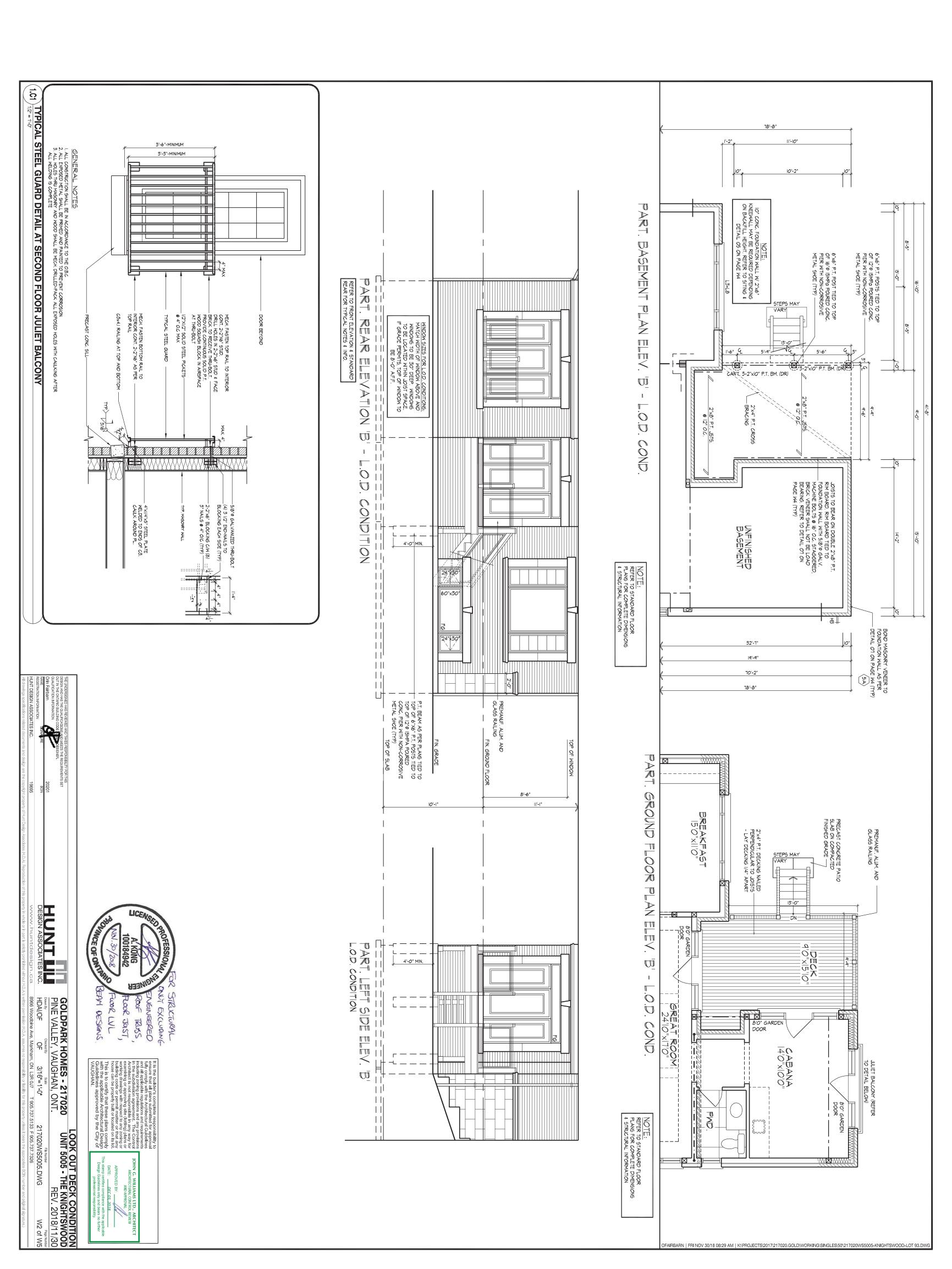
CONSTRUCTION NOTES
UNIT 5005 - THE KNIGHTSWOOD
REV. 2018/11/30 으.

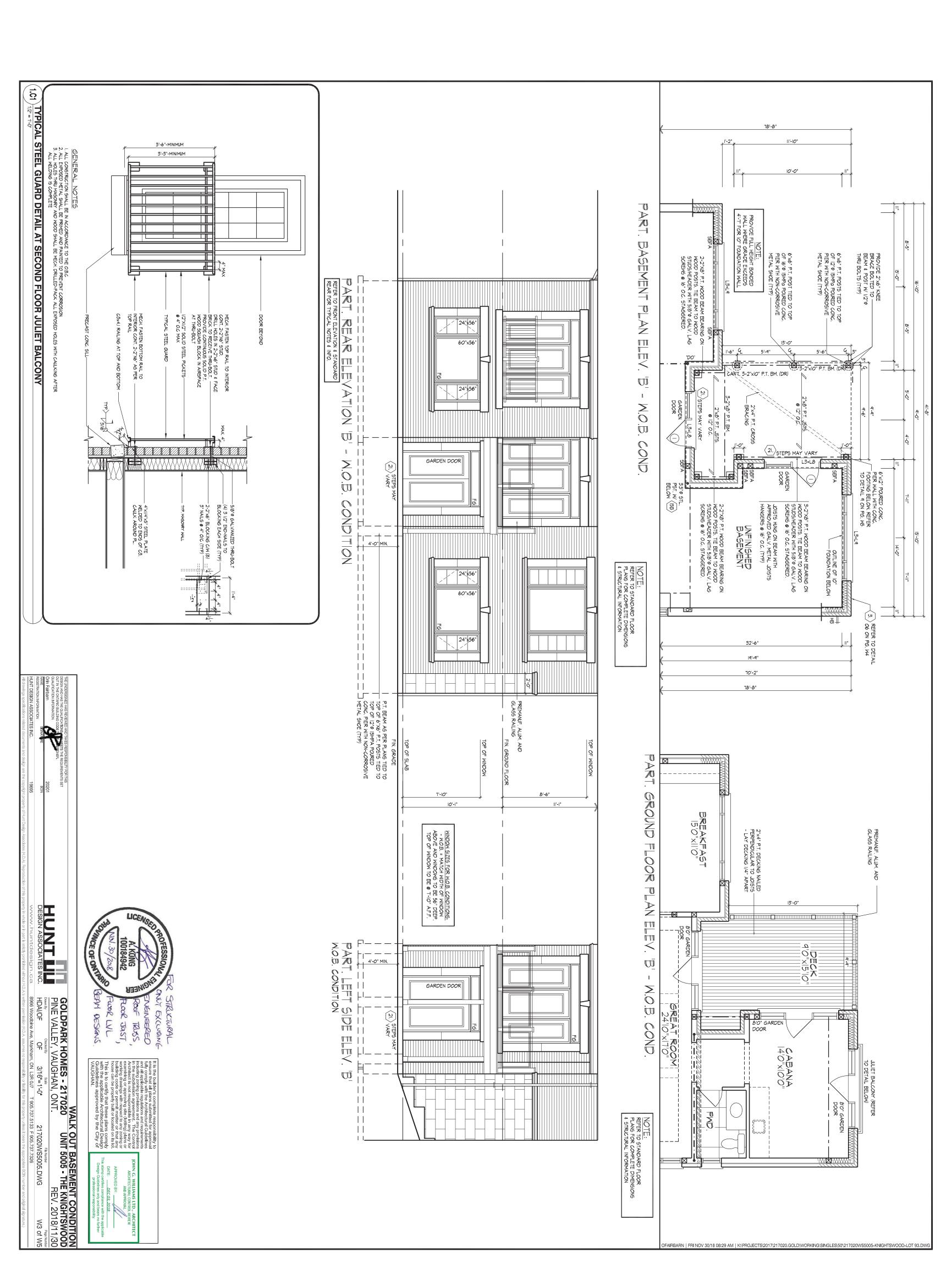
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HDAI/OF 유 3/16"=1'-0"

217020WS5005.DWG T 905.737.5133 F 905.737.7326







ON THE REAL PROPERTY.

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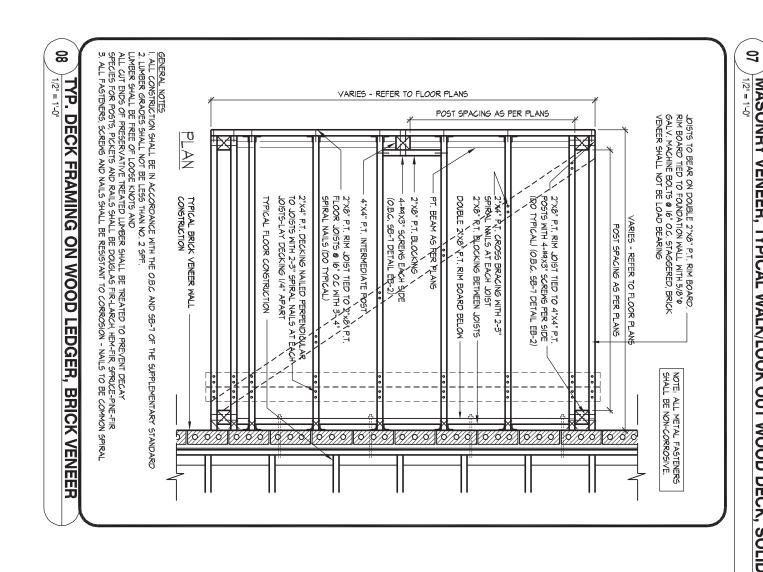
GOLDPARK HOMES - 217020 PINE VALLEY, VAUGHAN, ONT.

HDAI e, Markha 3/16"=1'-0" 217020WS5005.DWG

W4 of W5

DECK DETAILS 1
UNIT 5005 - THE KNIGHTSWOOD
REV. 2018/11/30

BEAM DESIGNS FWOR LYL



HEIGHT INLESS OTHERWISE NOTED, (4)5.4.2.1). POURED CONC. FDTN, WALL
WITH BITUMINOUS DAMPPROOFING AND DRAINAGE LAYER, RETERNTON FROM
BASEMENT SLAB TO RINSHED BRADE, ON CONTINUOUS EXPERE TO
CHART FOR MAXIMUM UNSUPPORTED HEIGHT AND EARTH RETENTION FROM
BASEMENT SLAB TO RINSHED BRADE, ON CONTINUOUS EXPERED CONC. FTG.
BRACE FOUNDATION WALL PRIOR TO BACKFILLING, ALL FOOTINGS SHALL
REST ON NATURAL UNDISTINGBED SOIL OR COMPACTED ENGINEERED FILL.
UNREINFORCED SOILD CONCRETE FOUNDATION WALLS (4)5.4.2.)
MINIMOSTRIP FOOTING SUPPORTED AT TOP
SITE OF SHALL
BY SHIP (1,20m) 17-6" (2,35m) 17-0" (2,15m) 18-10" (2,25m)
SITE (1,20m) 17-6" (2,35m) 18-6" (2,260m) 18-2" (2,25m)
SITE (1,20m) 17-6" (2,35m) 18-6" (2,260m) 18-2" (2,25m)
SITE (1,20m) 17-6" (2,35m) 18-6" (2,260m) 18-3" (2,25m)
NINIMOM STRIP FOOTING SIZES (4,15.3)
NINIMOM STRIP FOOTING SIZES (4,15.3)
NOTE: FOOTING SIZE SUBJECT TO
CERTIFICATION BY A SOIL CONSULTANT

MASONRY VENEER, 2"x6" STUDS, SLAB ON GRADE / WALK OUT BASEMENT CONDITION

REFER TO SB-12 ENERGY EFFICIENCY DESIGN MATRIX ON THE TITLE PAGE FOR ALL VALUES AS REQUIRED PER 3.1.1., 3.1.2, 3.1.3. OF THE OBC.

NOTE:
WHERE REDUCED GRADE CONDITION REQUIRES THE USE OF A FULL HEIGHT BONDED WALL, REBAR SHALL BE PROVIDED AS PER DETAIL OT ON PG. M5

SIZE & SPACING OF STUDS: (OBC REFERENCE - TABLE 9.23.101.)
SUPPORTED LOADS (EXTERIOR)

F W/ OR W/O

ROOF W/ OR W/O ROOF W/ OR W/O ROOF W/ OR W/O ATTIC \$ 1 FLOOR ATTIC \$ 2 FLOOR ATTIC \$ 3 FLOOR

TYPICAL BRICK VENEER WALL

PICAL FLOOR CONSTRUCTION

FIRST FLOOR

INSULATION W/ REQUIRED EXPOSED FLOOR R-VALUE IN HEADER SPACE

MAX. STUD SPACING in (mm) OC.

MAX. STUD SPACING in (mm) OC.

MAX. UNSUPPORTED HGT. ft-in (m)

16" (405) | 12" (305)

4'-10" (50) | 4'-10" '~

24" (610)

2---

UNFINISHED BASEMENT

I" RIGID INSULATION THERMAL BREAK AROUND PERIMETER OF SLAB 3" MIN. 25 MPA CONC. SLAB ON 4" COARSE CLEAN GRANLAR FILL <u>OR</u> 20 MPA CONC. MITH DAMPPROOFING BELOW SLAB.

AS PER ELEVATION

FINISHED GRADE

ARIES

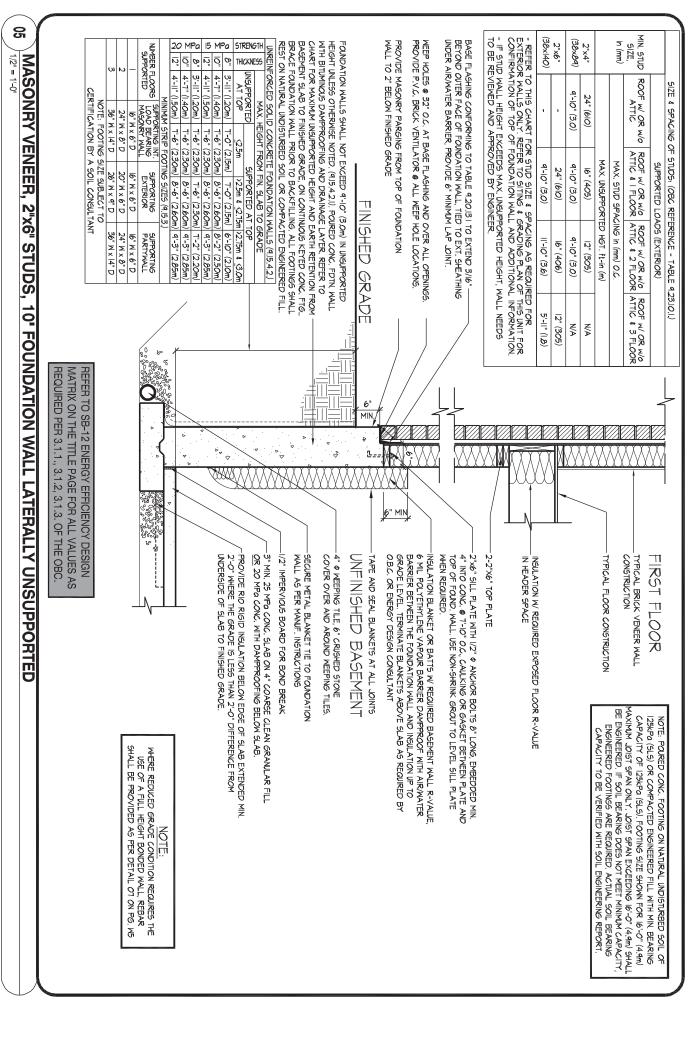
PROVIDE RIO RIGID INSULATION UNDER ENTIRE SLAB SURFACE WHEN SLAB IS LESS THAN 2'-O' DIFFERENCE FROM FINISHED GRADE

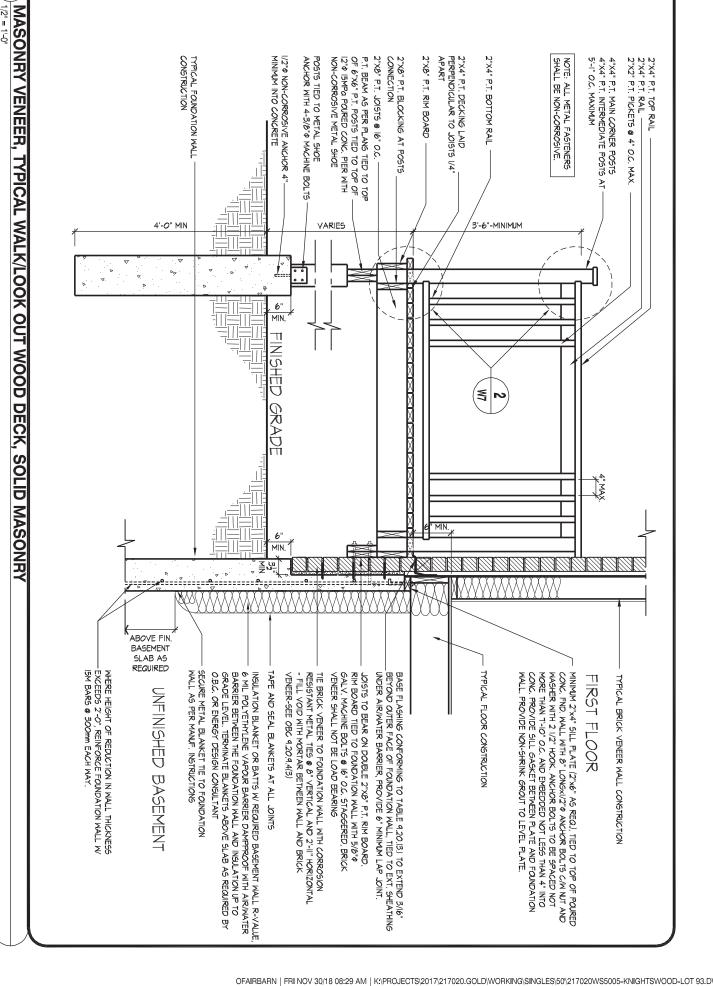
MIN. 2'-0"

2"x6" SILL PLATE WITH 1/2" Ø ANCHOR BOLTS 8" LONG, EMBEDDED MIN. 4" INTO CONC., @ T-10" O.C., CAULKING OR GASKET BETWEEN PLATE AND TOP OF FOUND, WALL, USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED.

PROVIDE RIO RIGID INSULATION EXTENDED NO LESS THAN 2'-O" BELOW FINISHED GRADE, UNDER THE EXTERIOR PERIMETER OF THE CONCRETE SLAB ALONG THE FOUNDATION WALL FOR WALK-OUT CONDITIONS OR WHEN THE DIFFERENCE FROM THE SLAB TO FINISHED GRADE IS LESS THAN 2'-O".

BASE FLASHING CONFORMING TO TABLE 9.20.13.1 TO EXTEND 3/16"— BEYOND QUTER FACE OF FOUNDATION WALL, TIED TO EXT. SHEATHING UNDER AIR/MATER BARRIER, PROVIDE 6" MINIMUM LAP JOINT.





OR STRUCTURAL ONLY EXCLUDING PLOOK JOST, PNEINBERED SSUSS

