

UNIT 5011 -'THE TIMBERLAND'

| SB-12 ENERGY EFFICIENCY | DESIGN M | ATRIX | 1 - TITLE PAG 2 - BASEMEN |
|--------------------------|-----------------------|-----------------|------------------------------|
| PRESCRIPTIVE COMPLIANCE | SB-12 (SECTION 3.1.1) | TABLE 3.1.1.2.A | |
| | SPACE HE | ATING FUEL | 4 - SECOND F |
| | ■ GAS | □ OIL | S - OPTIONAL |
| PACKAGE A1 | □ ELECTRIC | □ PROPANE | 6 - PARTIAL B |
| | □ EARTH | □ SOLID FUEL | 7 - PARTIAL S |
| BUILDING COMPONENT | REQUIRED | PROPOSED | 8 - PARTIAL B |
| INSULATION RSI (R) VALUE | | | 9 - PARTIAL S |
| CEILING W/ ATTIC SPACE | 10.56 (R60) | 10.56 (R60) | 10 - FRONT EL |

| BUILDING COMPONENT | NEGOINED | PHOPOSED |
|---|-------------|-------------|
| 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 | - | - |
| EDGE OF BELOW GRADE SLAB \leq 600mm BELOW GRADE | 1.76 (R10) | 1.76 (R10) |
| HEATED SLAB OR SLAB \leq 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 |
| | | |

| EA CALCULATIONS | EL. 'A' | EL. 'B' | EL. 'C' | |
|--------------------|-----------------|-----------------|-----------------|--|
| | STD. PLAN | STD. PLAN | STD. PLAN | |
| OUND FLOOR AREA | 1958 sq. ft. | 1949 sq. ft. | 1940 sq. ft. | WINDOW / WALL AREA |
| | (181.90 sq. m.) | (181.07 sq. m.) | (180.23 sq. m.) | CALCULATIONS |
| OND FLOOR AREA | 2544 sq. ft. | 2549 sq. ft. | 2575 sq. ft. | GROSS WALL AREA |
| | (236.35 sq. m.) | (236.81 sq. m.) | (239.23 sq. m.) | GHOOD WILE / WEI |
| BTOTAL | 4502 sq. ft. | 4498 sq. ft. | 4515 sq. ft. | GROSS WINDOW AREA |
| | (418.25 sq. m.) | (417.88 sq. m.) | (419.46 sq. m.) | (INCL. GLASS DOORS & SKYLIGHTS) |
| UCT ALL OPEN AREAS | 277 sq. ft. | 277 sq. ft. | 277 sq. ft. | TOTAL WINDOW % |
| | (25.73 sq. m.) | (25.73 sq. m.) | (25.73 sq. m.) | |
| TAL NET AREA | 4225 sq. ft. | 4221 sq. ft. | 4238 sq. ft. | WINDOW / WALL AREA |
| | (392.52 sq. m.) | (392.14 sq. m.) | (393.72 sq. m.) | CALCULATIONS |
| SHED BASEMENT AREA | 146 sq. ft. | 146 sq. ft. | 146 sq. ft. | GROSS WALL AREA |
| | (13.56 sq. m.) | (13.56 sq. m.) | (13.56 sq. m.) | G.1.000 17.112.1 |
| /ERAGE | 2586 sq. ft. | 2577 sq. ft. | 2568 sq. ft. | GROSS WINDOW AREA |
| UT PORCH | (240.25 sq. m.) | (239.41 sq. m.) | (238.58 sq. m.) | (INCL. GLASS DOORS & SKYLIGHTS) |
| VERAGE | 2700 sq. ft. | 2699 sq. ft. | 2682 sq. ft. | TOTAL WINDOW % |
| PORCH | (250.84 sq. m.) | (250.75 sq. m.) | (249.17 sq. m.) | |
| VERAGE | 3020 sq. ft. | 3019 sq. ft. | 3002 sq. ft. | WINDOW / WALL AREA |
| OPT. LOGGIA | (280.57 sq. m.) | (280.47 sq. m.) | (278.89 sq. m.) | CALCULATIONS |
| | | | | GROSS WALL AREA |
| | | | | GROSS WINDOW AREA (INCL GLASS DOORS & SKYLIGHTS) |
| | | | | , |
| | | | | TOTAL WINDOW % |

- AGE ENT PLAN, ELEV. 'A'
- D FLOOR PLAN, ELEV. 'A'
- D FLOOR PLAN, ELEV. 'A'
- IAL SECOND FLOOR PLAN, ELEV. 'A' (5 BEDROOM PLAN)
- L BASEMENT/GROUND FLOOR PLANS, ELEV. 'B'
- SECOND/ OPT. SECOND FLOOR PLANS, ELEV. 'B'
- L BASEMENT/GROUND FLOOR PLANS, ELEV. 'C' L SECOND/ OPT. SECOND FLOOR PLANS, ELEV. 'C'
- 10 FRONT ELEVATION 'A' 11 LEFT SIDE ELEVATION 'A'
- 12 RIGHT SIDE ELEVATION 'A'
- 13 REAR ELEVATION 'A', 'B' & 'C' 14 - FRONT ELEVATION 'B'
- 15 LEFT SIDE ELEVATION 'B'
- 16 RIGHT SIDE ELEVATION 'B'
- 17 FRONT ELEVATION 'B' 18 - LEFT SIDE ELEVATION 'B'
- 19 RIGHT SIDE ELEVATION 'B'
- 20 CROSS SECTION 'A-A'
- 21 CONSTRUCTION NOTES
- W1 DECK CONDITIONS W2 - DECK CONDITIONS
- W3 DECK DETAILS W4 - DECK DETAILS

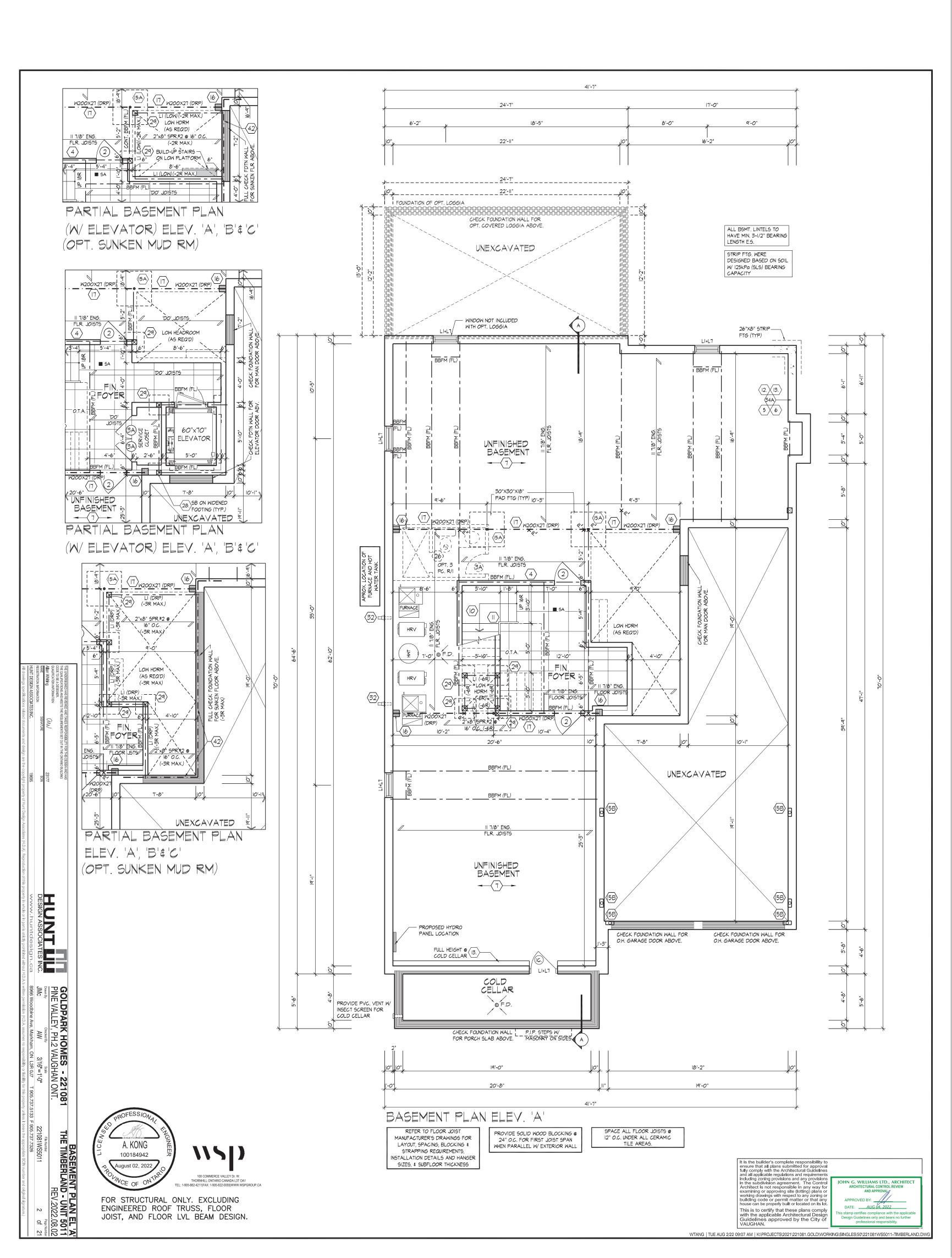
| EL. A |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| STD. PLAN | STD WOD | STD LOD | STD - WOB | OPT. PLAN | OPT WOD | OPT LOD | OPT WOB |
| 4711.67 sq. ft. | 4788.06 sq. ft. | 4847.08 sq. ft. | 5292.95 sq. ft. | 4711.67 sq. ft. | 4788.06 sq. ft. | 4847.08 sq. ft. | 5292.95 sq. ft. |
| (437.73 sq. m.) | (444.83 sq. m.) | (450.31 sq. m.) | (491.73 sq. m.) | (437.73 sq. m.) | (444.83 sq. m.) | (450.31 sq. m.) | (491.73 sq. m.) |
| 598.39 sq. ft. | 596.72 sq. ft. | 616.72 sq. ft. | 708.72 sq. ft. | 611.06 sq. ft. | 609.39 sq. ft. | 629.39 sq. ft. | 721.39 sq. ft. |
| (55.59 sq. m.) | (55.44 sq. m.) | (57.30 sq. m.) | (65.84 sq. m.) | (56.77 sq. m.) | (56.61 sq. m.) | (58.47 sq. m.) | (67.02 sq. m.) |
| 12.70 % | 12.46 % | 12.72 % | 13.39 % | 12.97 % | 12.73 % | 12.98 % | 13.63 % |
| EL. 'B' |
| STD. PLAN | STD WOD | STD LOD | STD - WOB | OPT. PLAN | OPT WOD | OPT LOD | OPT WOB |
| 4746.67 sq. ft. | 4823.06 sq. ft. | 4882.08 sq. ft. | 5327.95 sq. ft. | 4746.67 sq. ft. | 4823.06 sq. ft. | 4882.08 sq. ft. | 5327.95 sq. ft. |
| (440.98 sq. m.) | (448.08 sq. m.) | (453.56 sq. m.) | (494.98 sq. m.) | (440.98 sq. m.) | (448.08 sq. m.) | (453.56 sq. m.) | (494.98 sq. m.) |
| 652.40 sq. ft. | 664.12 sq. ft. | 684.12 sq. ft. | 774.46 sq. ft. | 678.46 sq. ft. | 676.79 sq. ft. | 757.46 sq. ft. | 787.12 sq. ft. |
| (60.61 sq. m.) | (61.70 sq. m.) | (63.56 sq. m.) | (71.95 sq. m.) | (63.03 sq. m.) | (62.88 sq. m.) | (70.37 sq. m.) | (73.13 sq. m.) |
| 13.74 % | 13.77 % | 14.01 % | 14.54 % | 14.29 % | 14.03 % | 15.52 % | 14.77 % |
| EL. 'C' |
| STD. PLAN | STD WOD | STD LOD | STD - WOB | OPT. PLAN | OPT WOD | OPT LOD | OPT WOB |
| 4726.00 sq. ft. | 4802.39 sq. ft. | 4861.42 sq. ft. | 5307.28 sq. ft. | 4726.00 sq. ft. | 4802.39 sq. ft. | 4861.42 sq. ft. | 5307.28 sq. ft. |
| (439.06 sq. m.) | (446.16 sq. m.) | (451.64 sq. m.) | (493.06 sq. m.) | (439.06 sq. m.) | (446.16 sq. m.) | (451.64 sq. m.) | (493.06 sq. m.) |
| 739.28 sq. ft. | 737.61 sq. ft. | 757.61 sq. ft. | 847.94 sq. ft. | 751.94 sq. ft. | 750.28 sq. ft. | 770.28 sq. ft. | 860.61 sq. ft. |
| (68.68 sq. m.) | (68.53 sq. m.) | (70.38 sq. m.) | (78.78 sq. m.) | (69.86 sq. m.) | (69.70 sq. m.) | (71.56 sq. m.) | (79.95 sq. m.) |
| 15.64 % | 15.36 % | 15.58 % | 15.98 % | 15.91 % | 15.62 % | 15.84 % | 16.22 % |
| | | | | | | | |

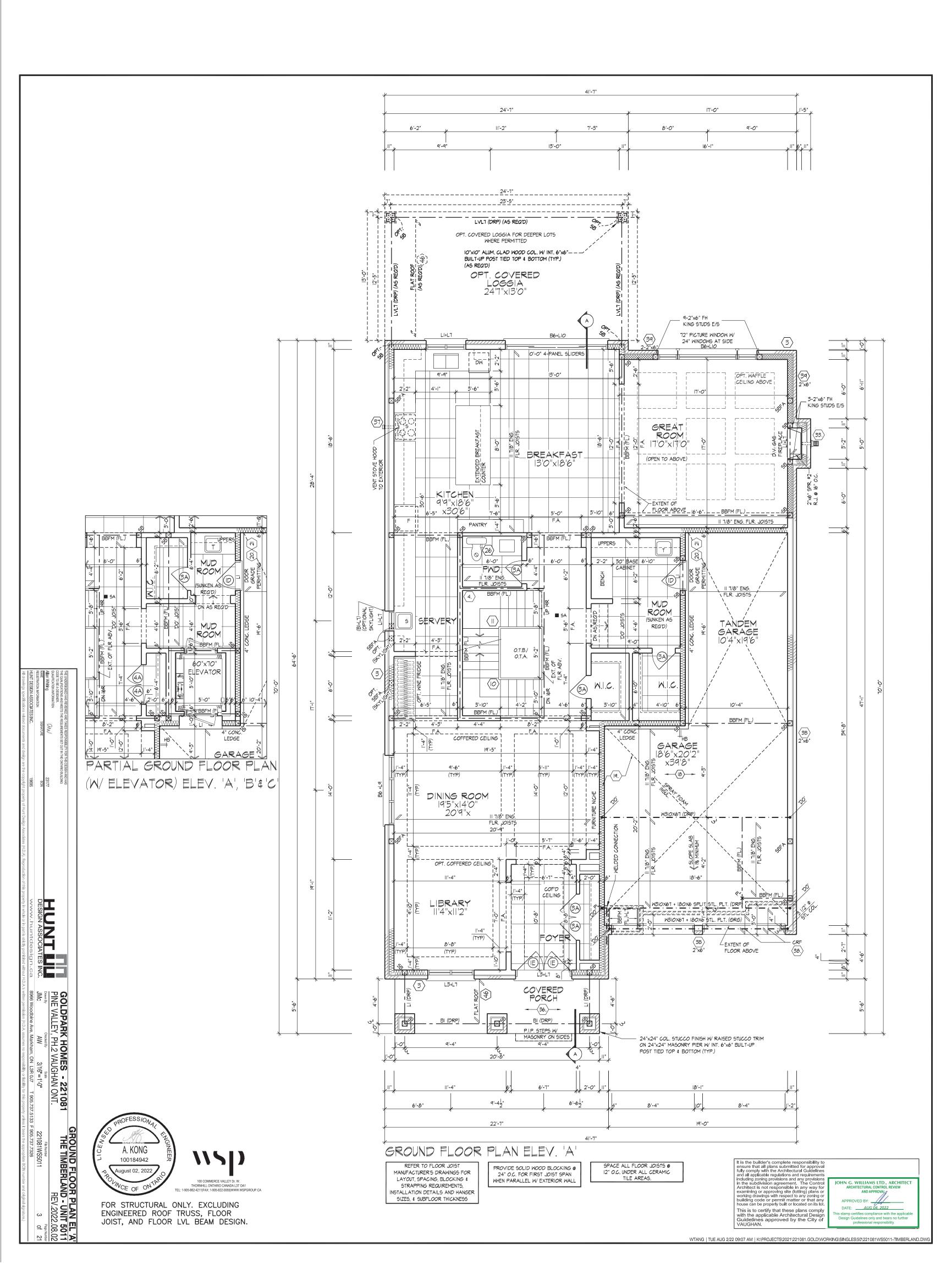


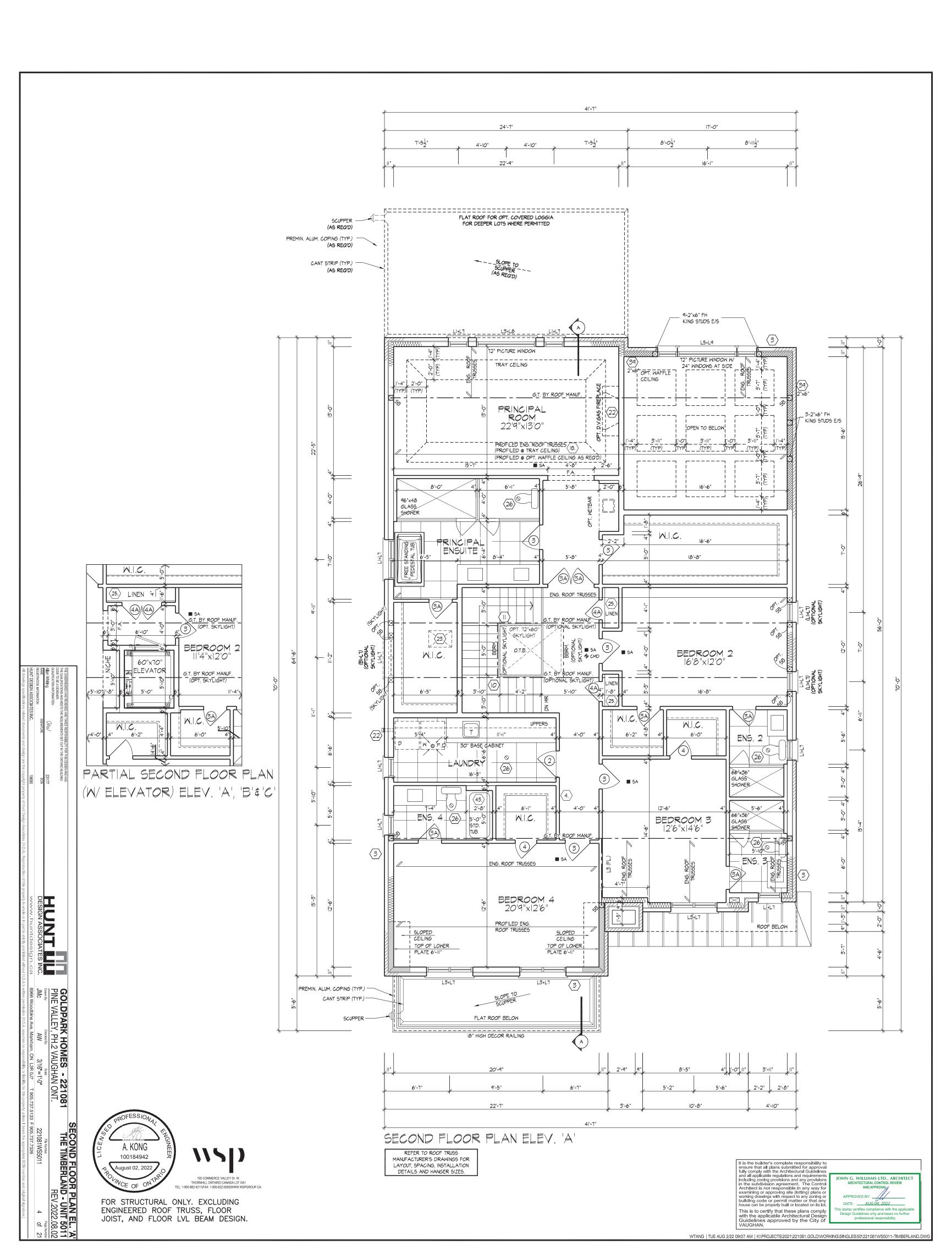


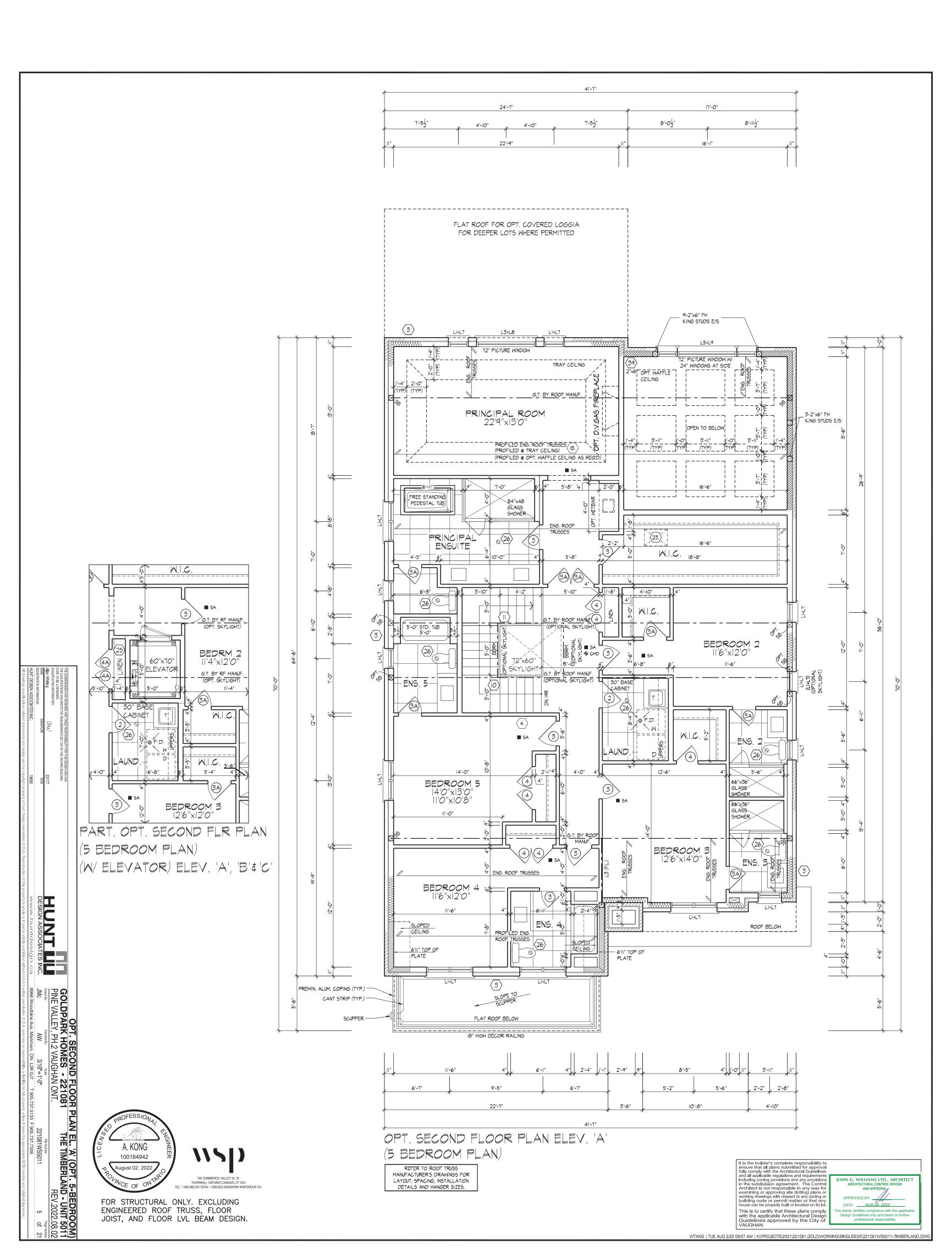
| 7. | • | - | - |
|----|---------------------------------------|-------------------|----|
| 6. | • | - | - |
| 5. | REVISED PER STRUCT. ENG. COMMENTS | 2022.08.01 | WT |
| 4. | ISSUED FOR PERMIT | 2022.07.25 | AW |
| 3. | REVISED PER STRUCT. ENG. COMMENTS | 2022.07.21 | SP |
| 2. | CO-ORD. W/ FLOOR & TRUSS LAYOUTS | 2022.05.20 | SP |
| 1. | REVISED DESIGN AS PER CLIENT COMMENTS | 2022.02.21 | AW |
| | REVISIONS | DATE (YYYY/MM/DD) | BY |

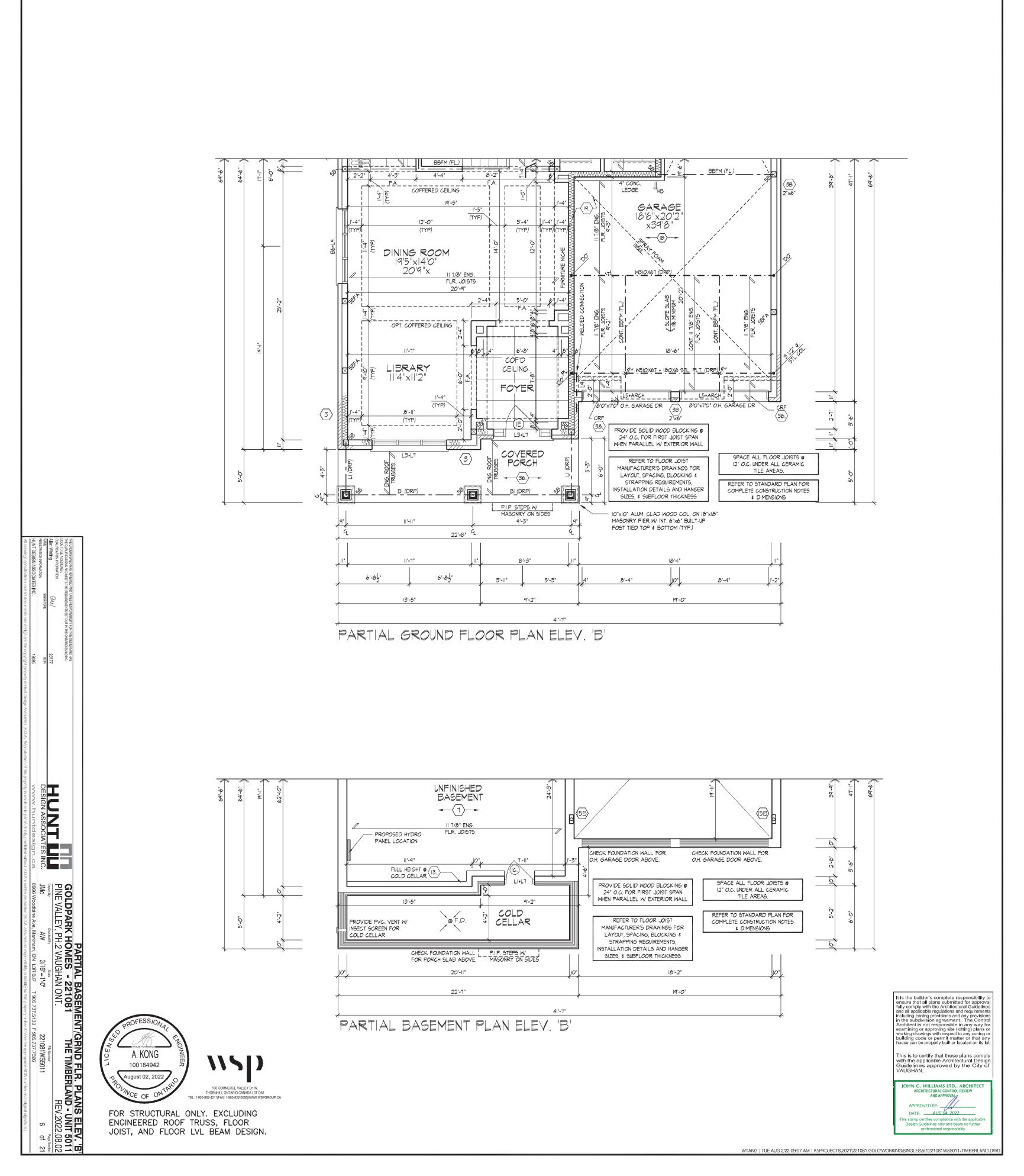
| THE UNDERSIGNED HAS REVIEWED A THE QUALIFICATIONS AND MEETS TH | | | | GOLDI | PARK HON | MES - 221 | 081 THE TIMBERLA | AND - UNI | T 501 |
|---|-----------|-------|------------------------|------------|-------------------|------------------|-----------------------------|-----------|----------|
| CODE TO BE A DESIGNER. QUALIFICATION INFORMATION | 0.1 | | HUNTÜÜÜ | PINE VA | LLEY, PH.2 | Vaughan of | NT. | REV.202 | 2.08.0 |
| A ll an Whiting | | 23177 | | Drawn By | Checked By | Scale | File Number | | Page Num |
| NAME REGISTRATION INFORMATION | SIGNATURE | BCIN | DESIGN ASSOCIATES INC. | JMc | AW | 3/16"=1'-0" | 221081WS5011 | 1 | of 2 |
| HUNT DESIGN ASSOCIATES | INC. | 19695 | www.huntdesign.ca | 8966 Woodb | ine Ave, Markham, | , ON L3R 0J7 T 9 | 905.737.5133 F 905.737.7326 | | |

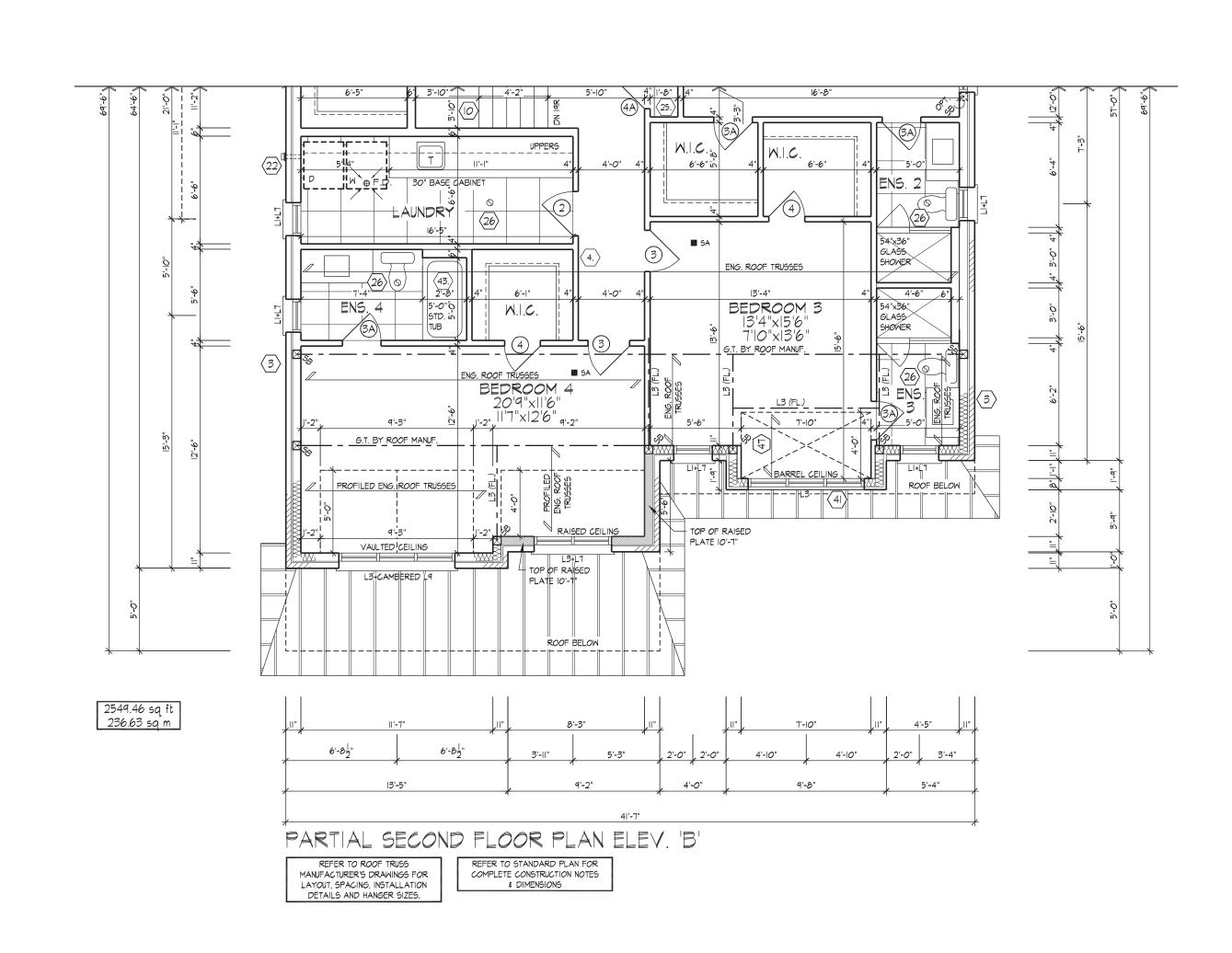


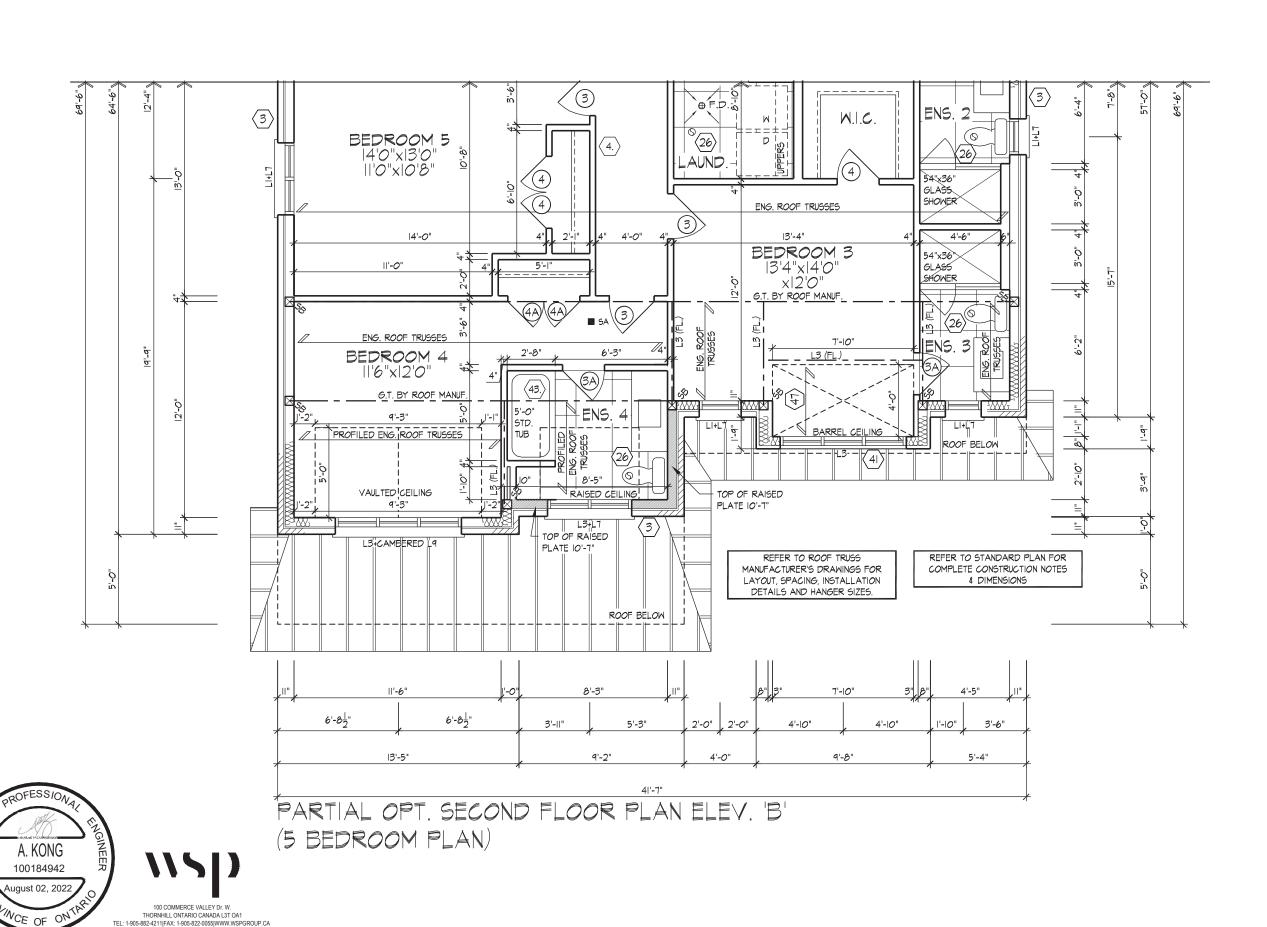


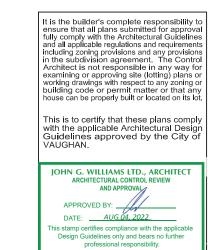












HUNT
DESIGN ASSOCIAT

PARTIAL SECOND / OPT. SCND. FLR. PLANS ELEV. 'B' GOLDPARK HOMES - 221081 THE TIMBERLAND - UNIT 5011 PINE VALLEY, PH.2 VAUGHAN ONT.

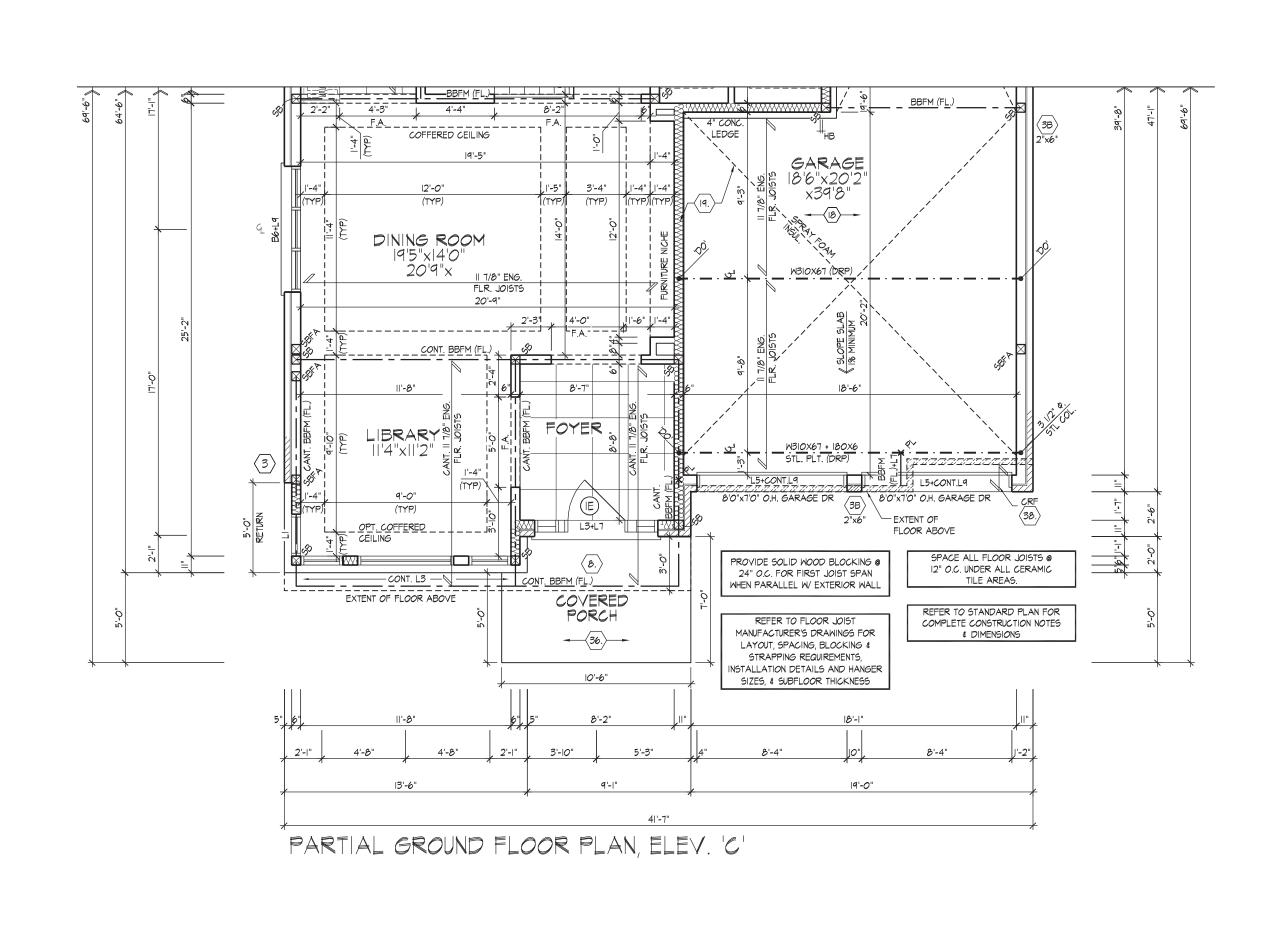
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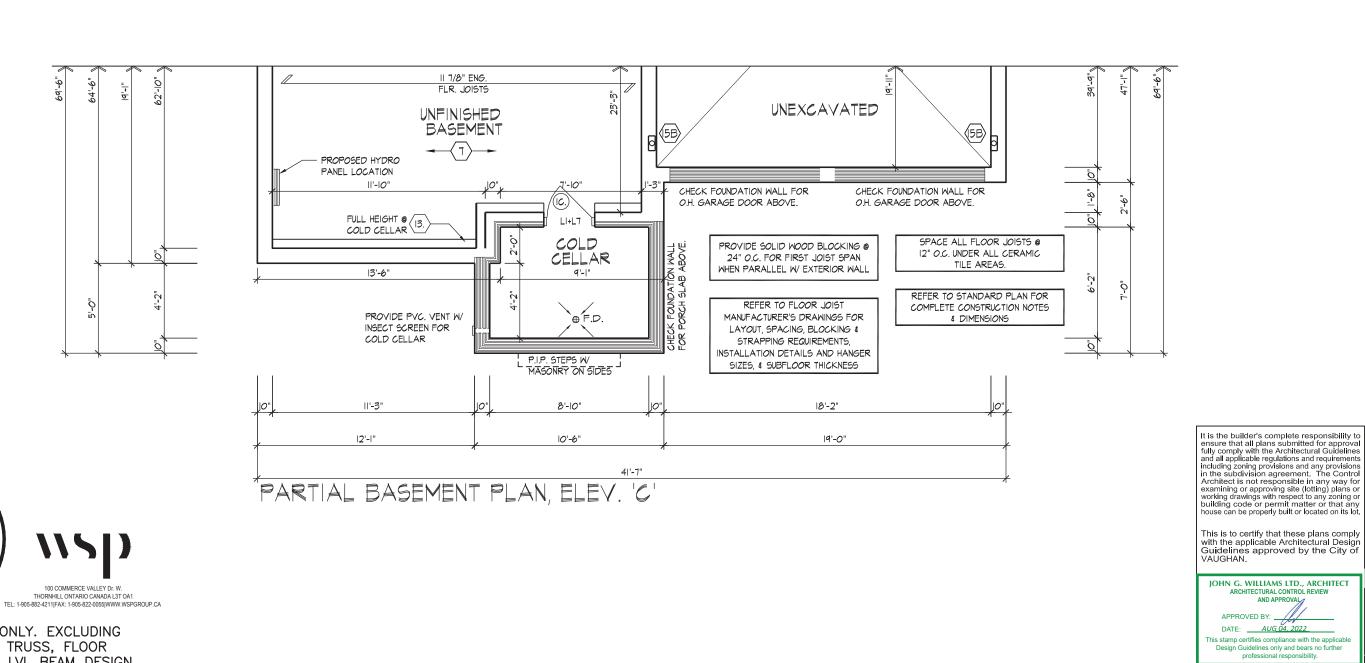
8966 Woodbine Ave. Markham Chillian Park 1011 291081NJCEC44

REV.2022.08.02

3/16"=1'-0"

221081WS5011 T 905.737.5133 F 905.737.7326





JOHN G. WILLIAMS LTD., ARCHITECT ARCHITECTURAL CONTROL REVIEW

AND APPROVAL

his stamp certifies compliance with the applicabl Design Guidelines only and bears no further professional responsibility.

APPROVED BY: DATE: <u>AUG 04, 2022</u>

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FOR STRUCTURAL ONLY. EXCLUDING ENGINEERED ROOF TRUSS, FLOOR JOIST, AND FLOOR LVL BEAM DESIGN.

HUNTI DESIGN ASSOCIAT

PARTIAL BASEMENT/GRND FLR. PLANS ELEV. 'C'
GOLDPARK HOMES - 221081 THE TIMBERLAND - UNIT 5011
PINE VALLEY, PH.2 VAUGHAN ONT.

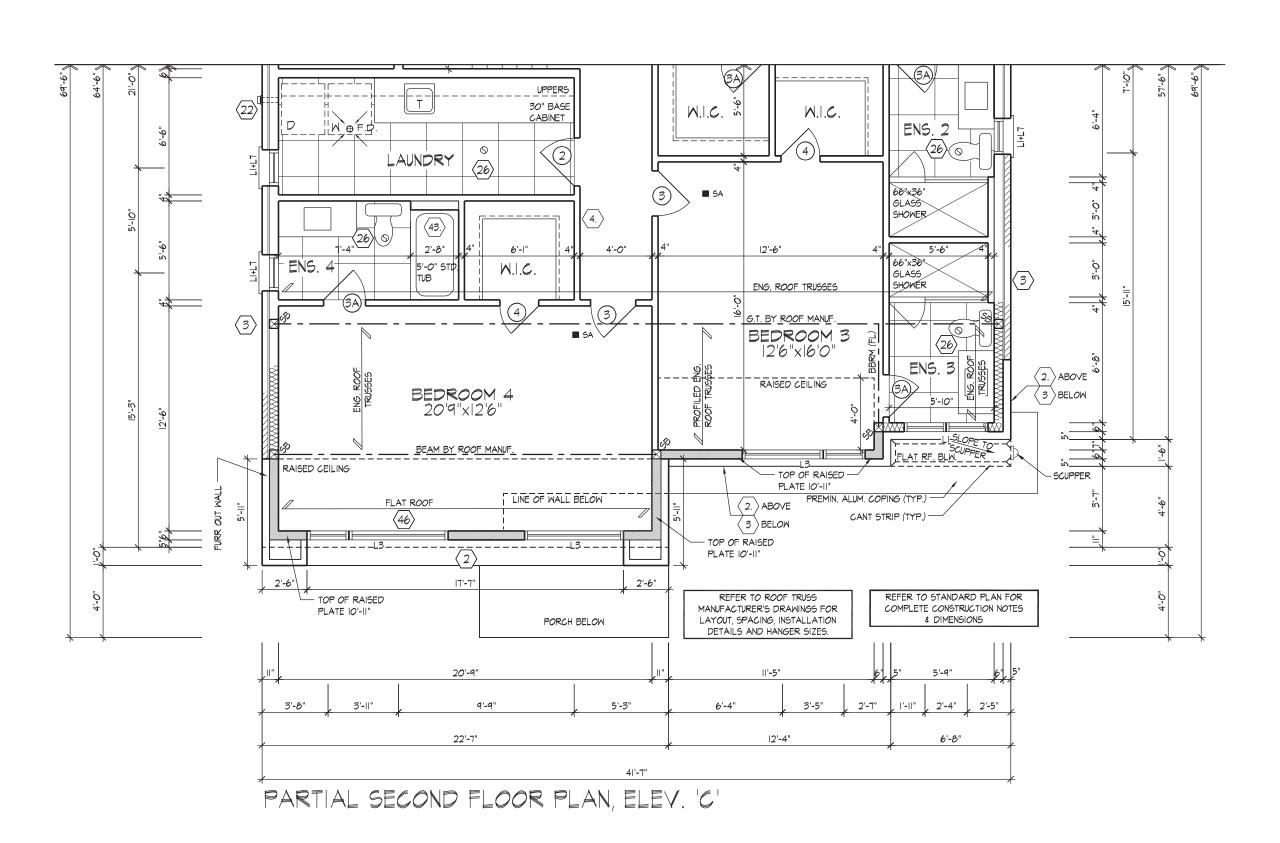
PINE VALLEY, PH.2 VAUGHAN ONT.

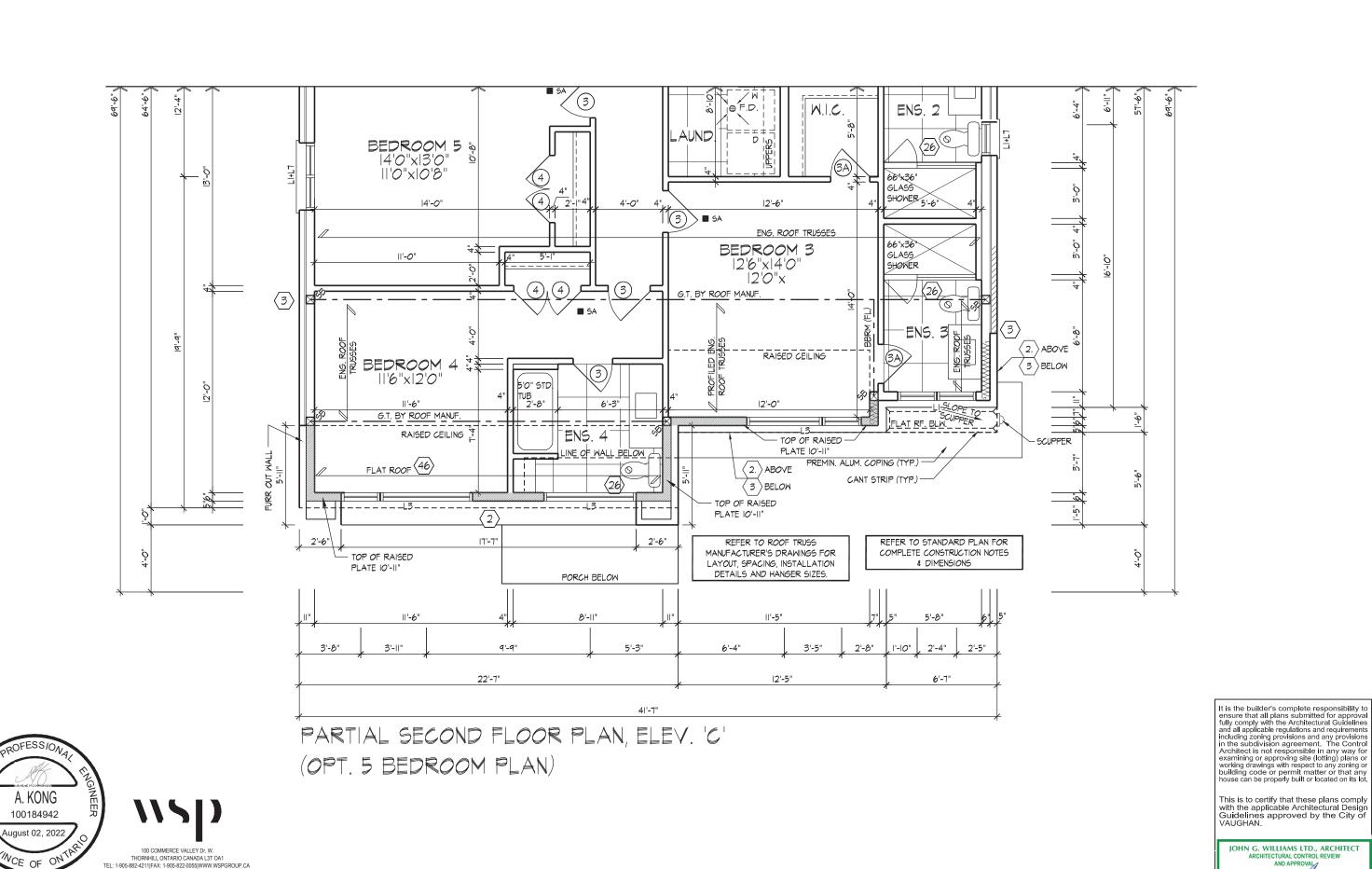
PINE Checked By Scale
JMC Checked By Scale
AW 3/16"=11-0"
PROPERTY. PINE Number
291081W05CC1-2

A. KONG

100184942 August 02, 2022

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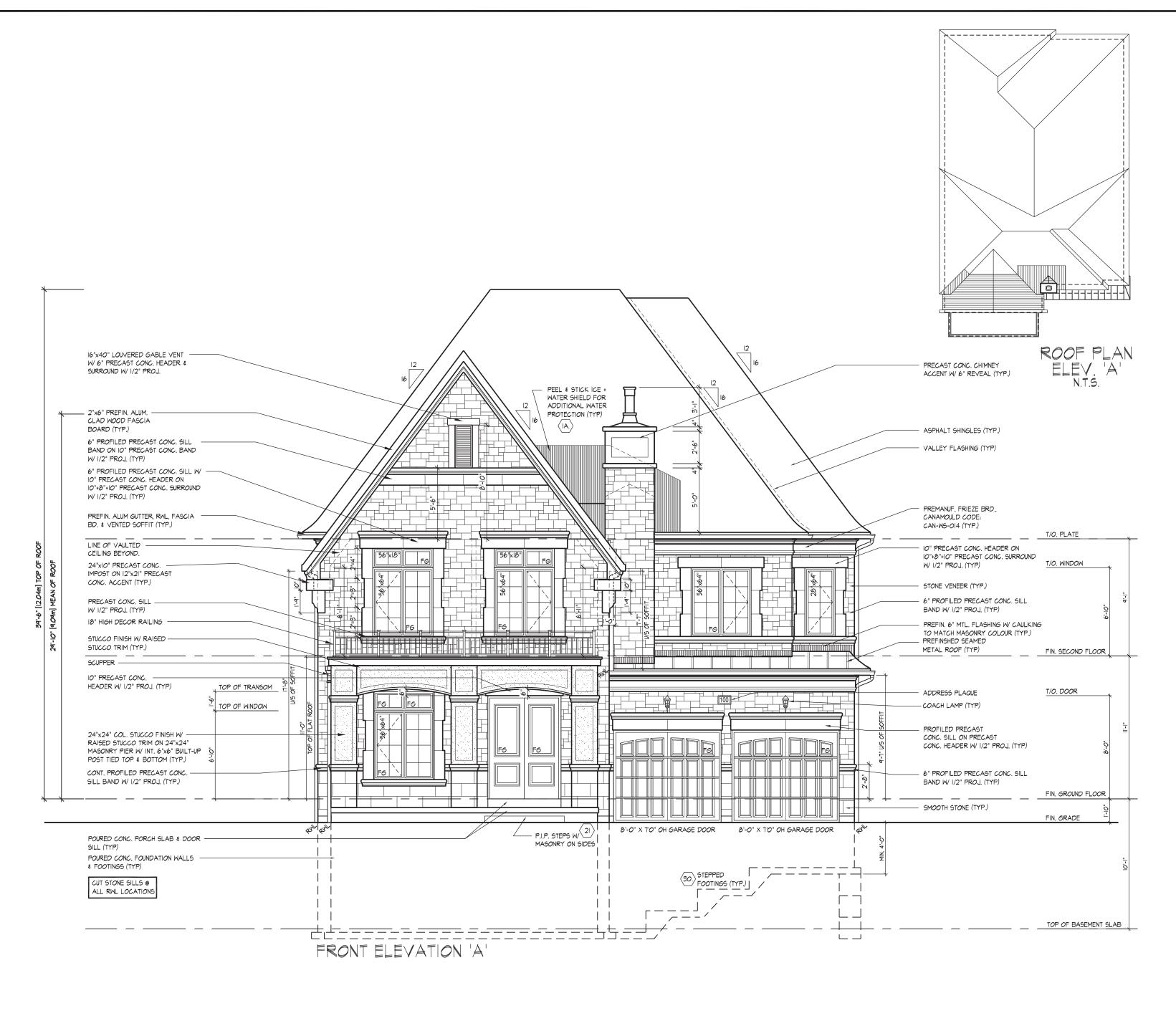
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ENGINEERED ROOF TRUSS, FLOOR JOIST, AND FLOOR LVL BEAM DESIGN.

professional responsibility.

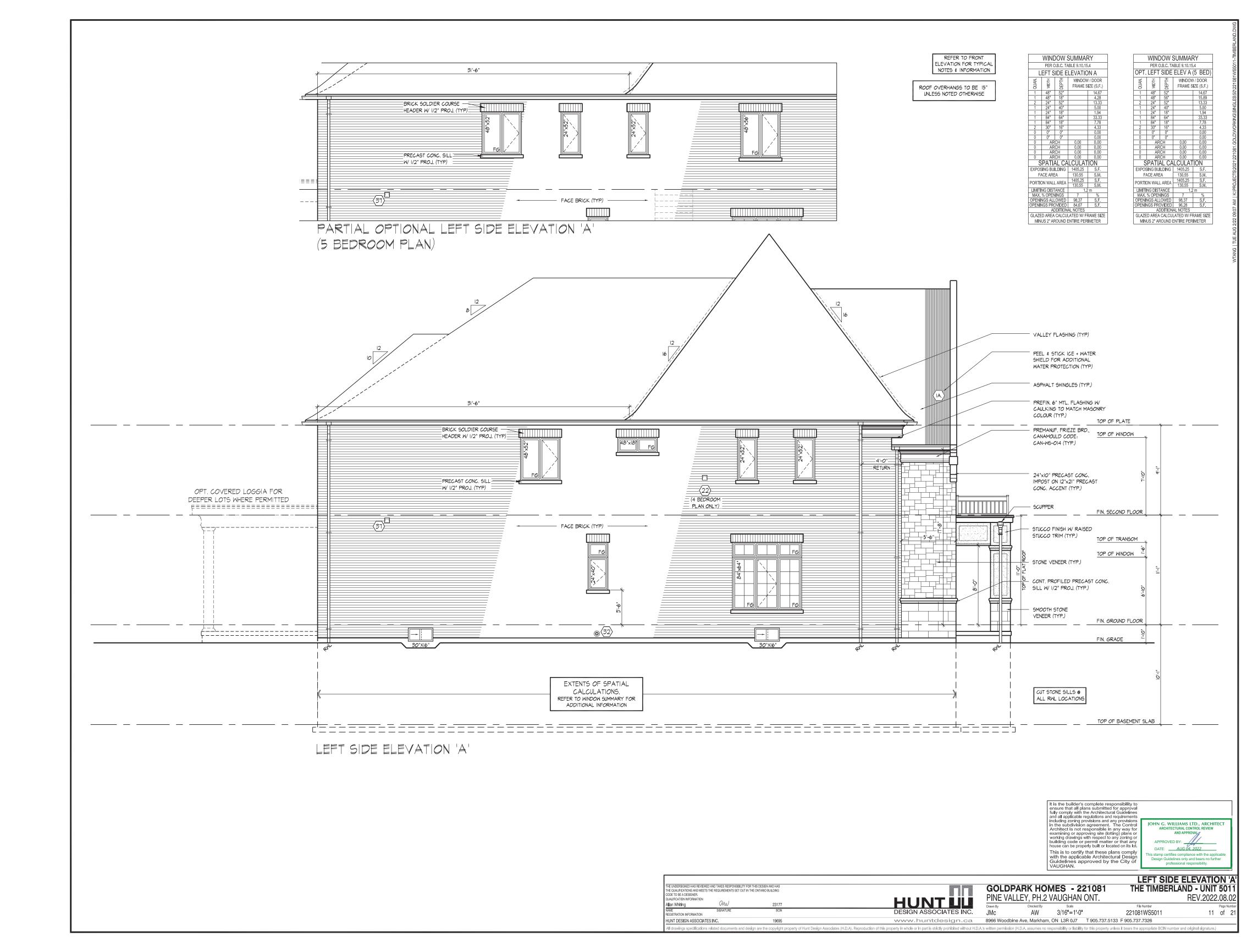
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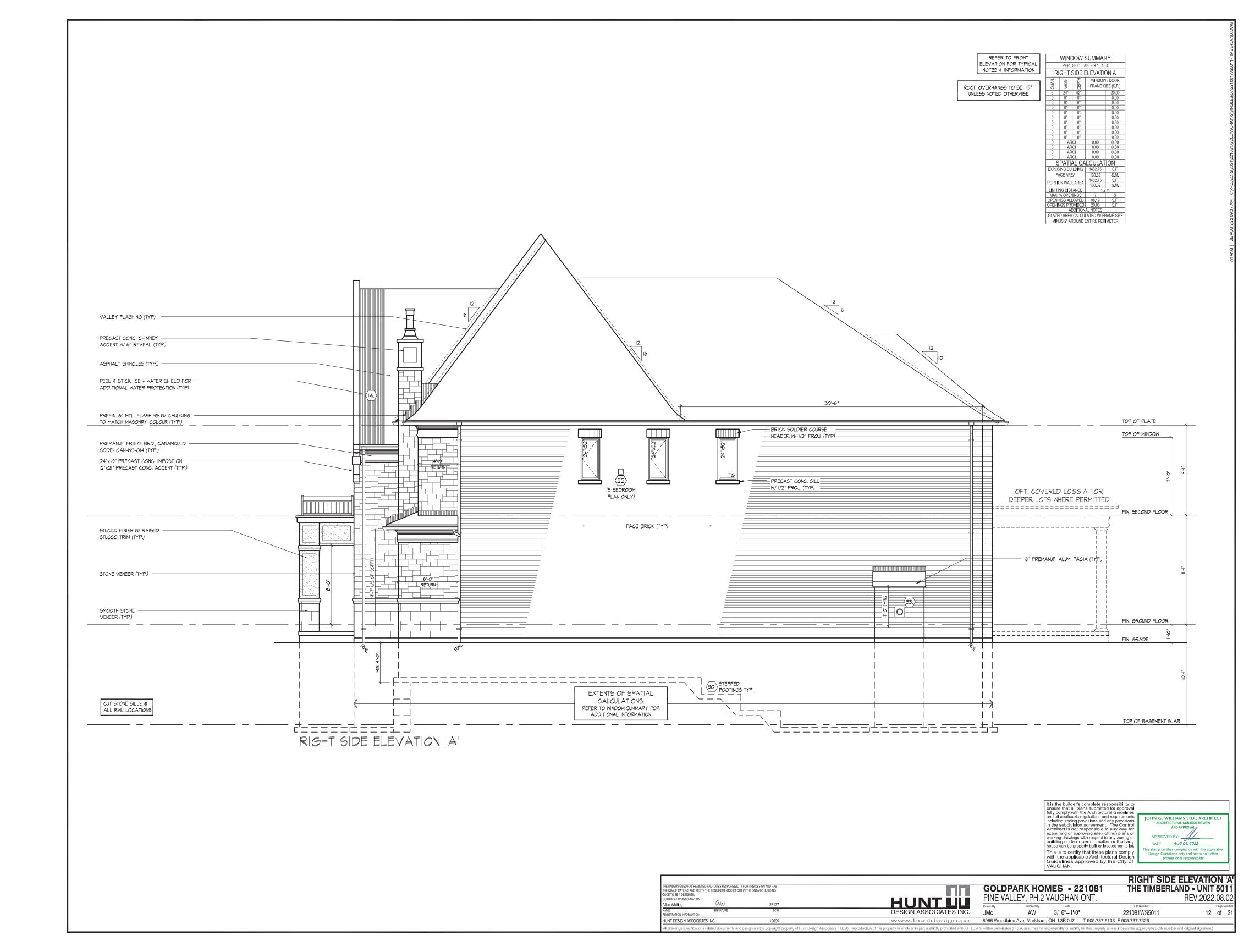
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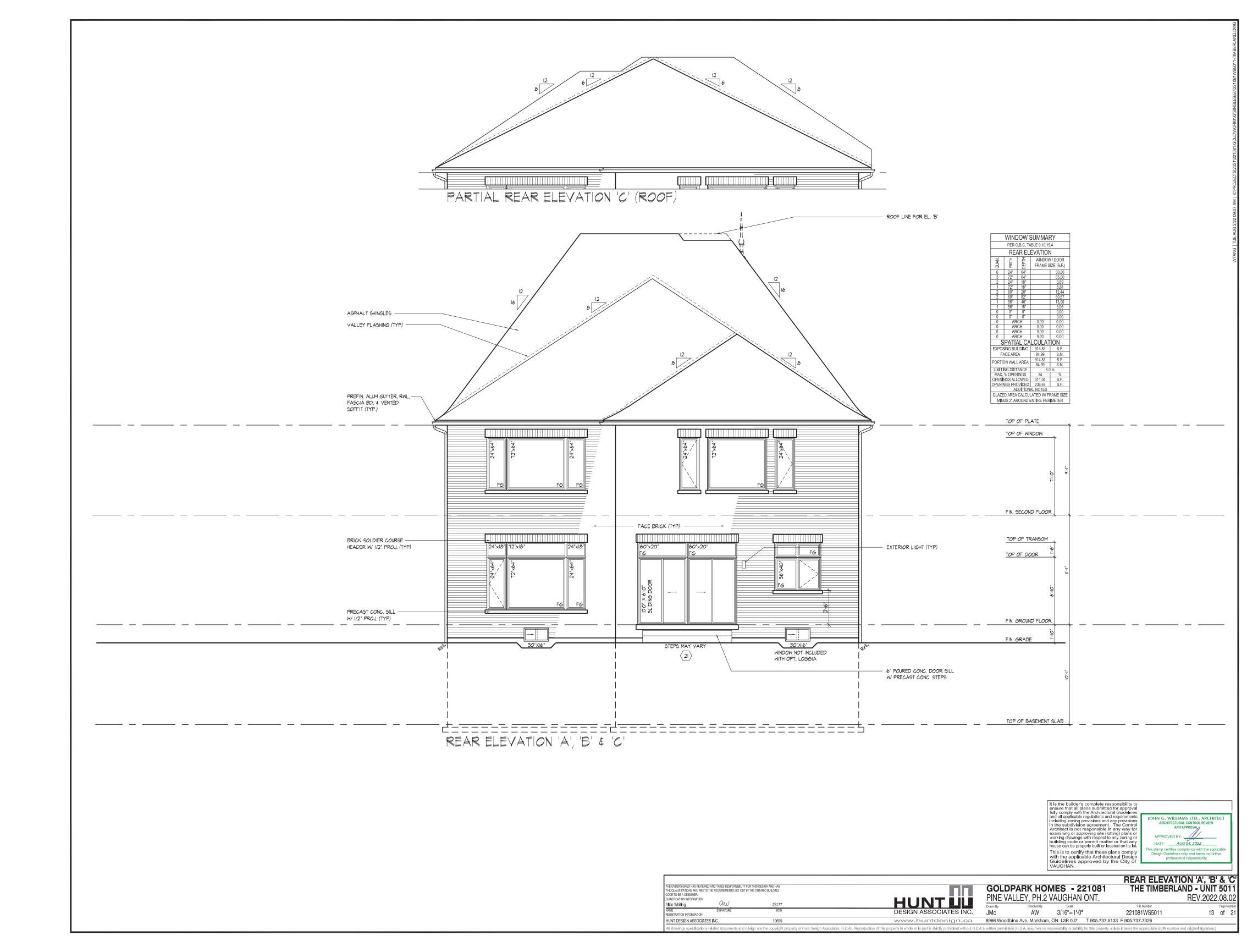


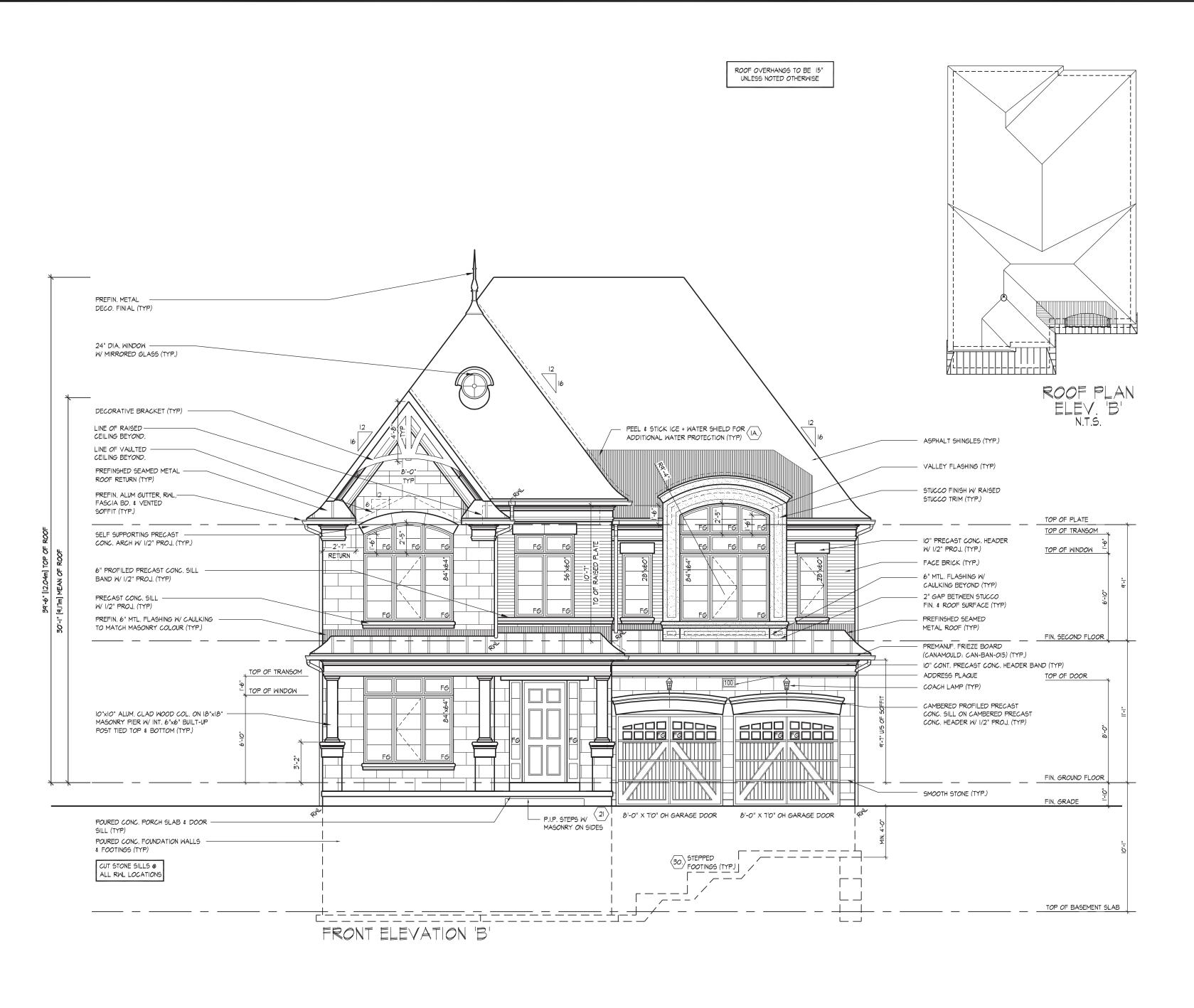
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirement including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible 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 ary house can be properly built or located on its lit. This is to certify that these plans comp y with the applicable Architectural Description Guidelines approved by the City of VAUGHAN.

FRONT ELEVATION 'A
THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS
THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING
COOR TO BE A DESIGNER.
QUALIFICATION INFORMATION
Allan Whiting
Water Strict Str



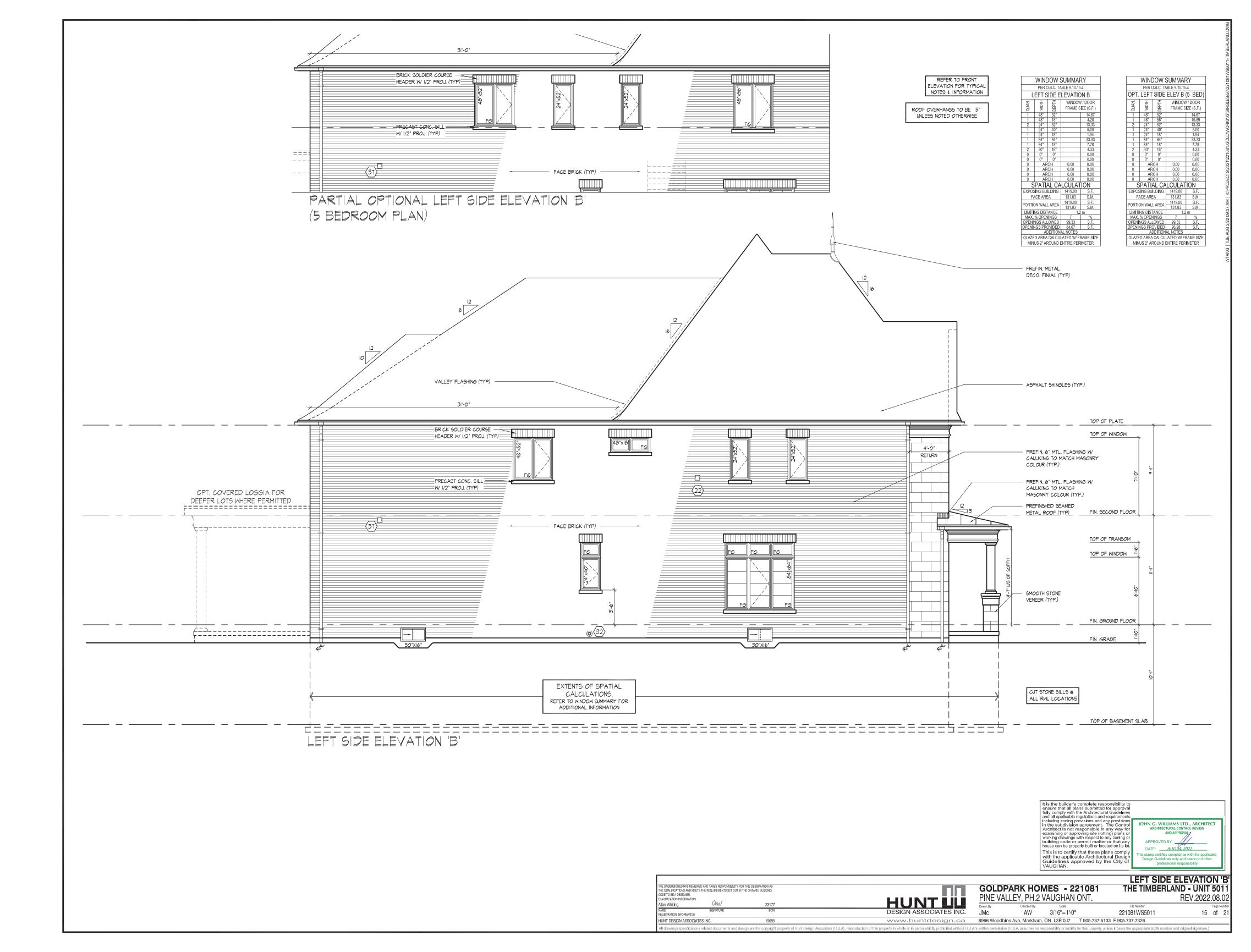


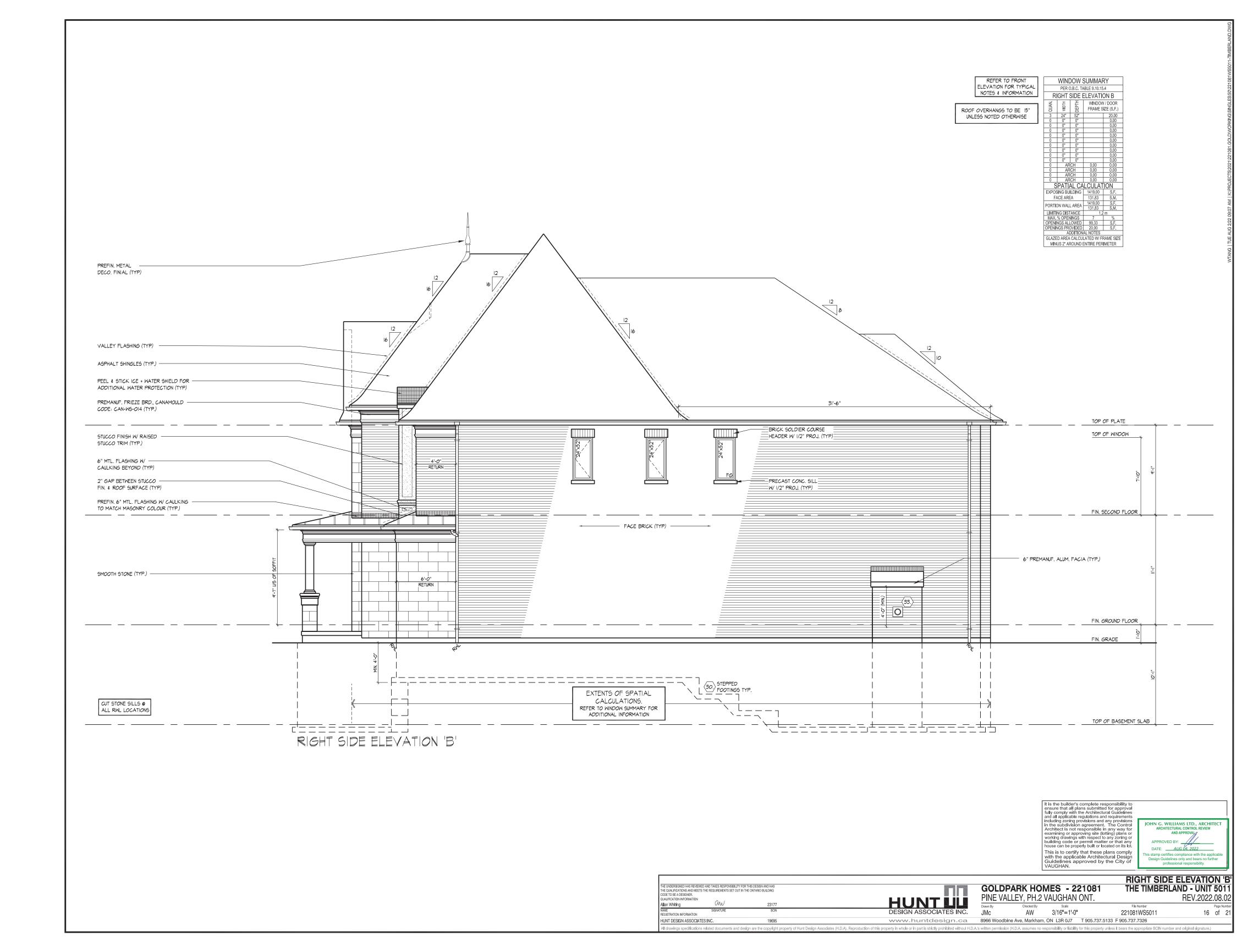


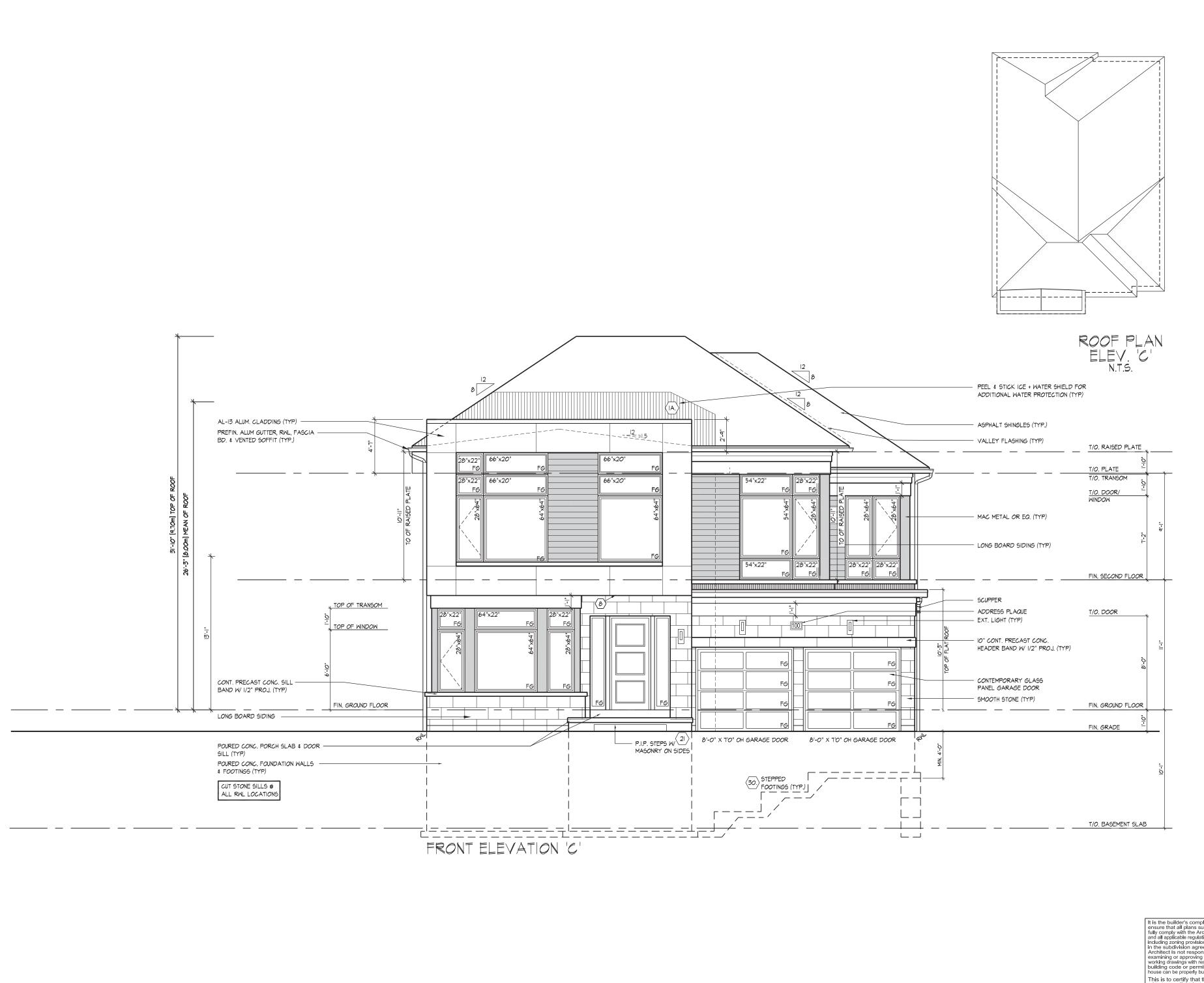




FRONT ELEVATION 'B'
THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS
THE QUALIFICATION SAPO MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING
CODE TO BE A DESIGNER,
QUALIFICATION N-FORMATION
Allan Whiting
WAME
REGISTRATION INFORMATION
REGISTRATION INFORMATION
REGISTRATION INFORMATION
RICHARD







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. This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of VAUGHAN.

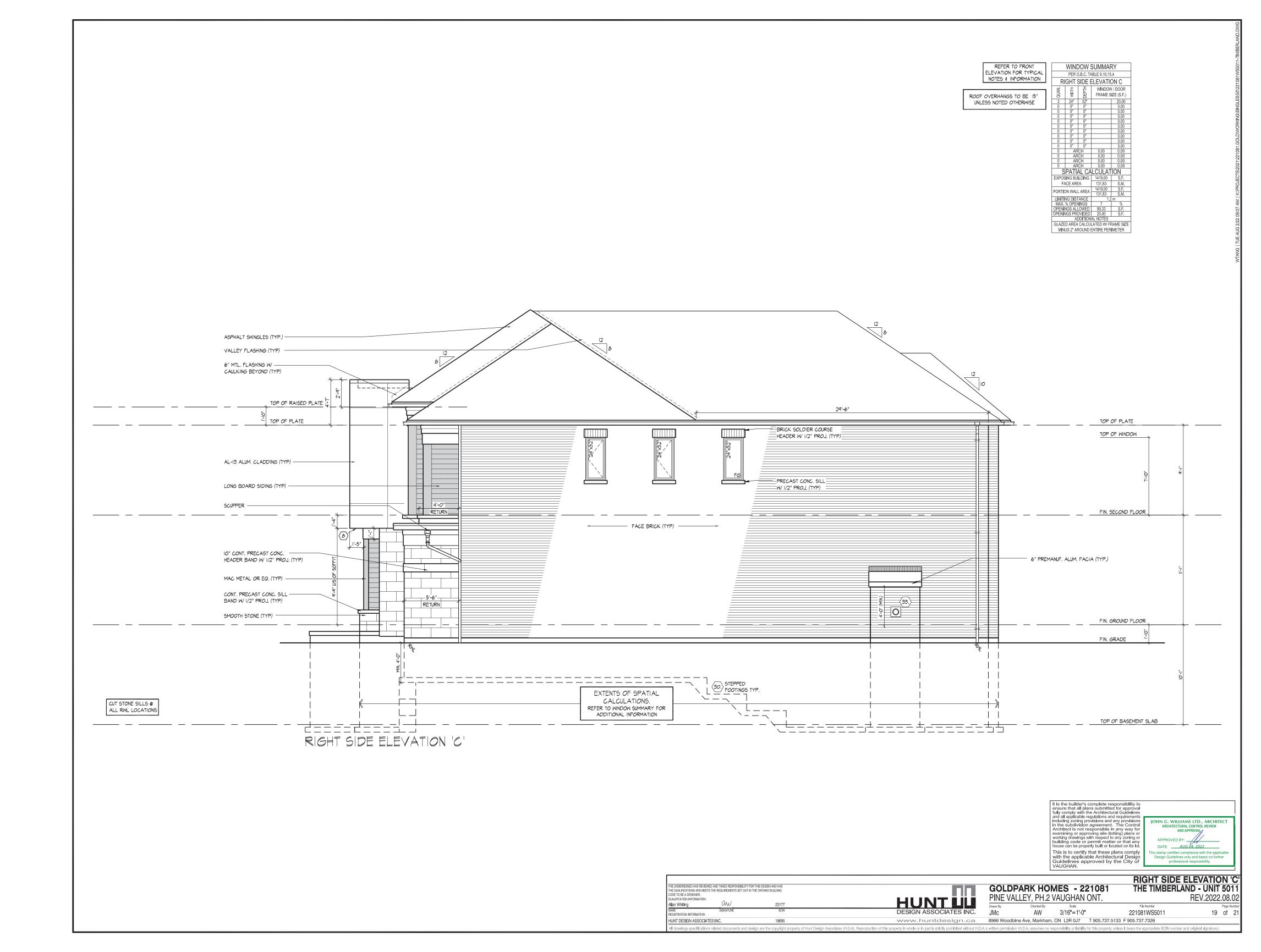
FRONT ELEVATION 'C'
THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE COURLE/CATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER. QUALIFICATION INFORMATION All Milting SIGNATURE BCIN DESIGN ASSOCIATES INC.

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BRACING @ 6'-0" (1830) O.C. AT BOTTOM CHORD. PREFIN. ALUM. EAVESTROUGH, FASCIA, RWL & VENTED SOFFIT. ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH MIN. 25% OR REQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25% OF REQUIRED OPENINGS LOCATED AT BOTTOM OF SPACE. EAVESTROUGH TO BE 4" MIN. WITH RWL DISCHARGING ONTO CONCRETE SPLASH PADS OR PER MUNICIPAL REQUIREMENTS. TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG EAVESTROUGH AND DOWN RWL.

1A ICE AND WATER SHIELD

PROVIDE ICE AND WATER SHIELD IN THE AREAS INDICATED. THE ICE AND WATER SHIELD SHALL BE A SELF ADHERING AND SELF SEALING MEMBRANE. SIDE L MUST BE A MINIMUM 3 1/2" (90) AND END LAPS A MINIMUM 6" (152). AND TO EXTEND UP DORMER WALLS A MINIMUM 12" (305).

1B) PROFILED ROOF TRUSSES

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

SIDING WALL CONSTRUCTION (2'x6')

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 AIR/VAPOUR 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 (2'x6') W/ CONTIN. INSULATION SIDING MATERIAL AS PER ELEVATION ATTACHED TO FURRING MEMBERS ON APPROVED AIRWATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER

MANUFACTURER'S SPECIFICATIONS ON 3/8" (9.5) EXT. GRADE SHEATHING ON STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION, APPROVED 6 MIL POLYETHYLENE AIR/VAPOUR BARRIER, ON 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 @ GARAGE CONSTRUCTION

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) EXTERIOR TYPE SHEATHING OI STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1.,1/2" (12.7) GYPS WALLBOARD INTERIOR FINISH. (GYPSUM SHEATHING, RIGID INSULATION AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.(1.)) (REFER TO 35 NOTE AS REQ.)

BRICK VENEER WALL CONSTRUCTION (2"x6")

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. VERT. BONDING AND FASTENING FOR TIES TO ONEORM WITH 9 20 9 ON APPROVED SHEATHING PAPER 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/ 12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 6" (150) BEHIND BUILDING PAPER (9.20.13.6.) (REFER TO 35 NOTE AS REQUIRED)

3A BRICK VENEER WALL CONSTRUCTION (2"x6") W/ CONTIN, INSULATION TIES TO CONFÓRM WITH 9.20.9. ÒN ÁPPROVED AIR/WATER BARRIER AS PER O.B.C 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR 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. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 6" (150) OVER RIGID INSULATION (9.20.13.6.) (REFER TO 35 NOTE AS REQUIRED)

3B BRICK VENEER WALL @ GARAGE CONSTRUCTION

3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) 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 SHEATHING PAPER, 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 FINISH, PROVIDE WEEP HOLES @ 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

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 "LATE. 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.

(4A) EXT. LOFT WALL CONSTRUCTION (2'x6") - NO CLADDING

3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23.)

4B EXT. LOFT WALL CONSTRUCTION (2*x6") NO CLADDING W/ CONTINUOUS INSULATION

APPROVED AIR/WATER BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURER'S SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., INSULATION AND 6 mil POLYETHYLENE VAPOUR BARRIER WITH APPROVED CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23.)

FOUNDATION WALL/FOOTINGS

POURED CONC. FOUNDATION WALL AS PER CHART BELOW ON CONTINUOUS KEYED CONCRETE FOOTING. FOUNDATION WALLS SHALL EXTEND NOT LESS THAN 6" (150) ABOVE FINISHED GRADE. THE OUTSIDE OF THE FOUNDATION SHALL BE DAMPROOFED FROM THE TOP OF THE FOOTING TO FINISHED GRADE AND BRUSH COAT FROM THE TOP TO 2" BELOW GRADE. PROVIDE A 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 9.15.3.4 (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 125kPa S.L.S. OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 125kPA S.L.S. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, NGINEERED FOOTINGS ARE REQUIRED. ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL ENGINEERING REPORT.

REFER TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION VALL STRENGTH AND THICKNESS AND 9.15.4.

FOUNDATION WALLS SHALL NOT EXCEED 9'-10" (3.0m) IN UNSUPPORTED

| HEIG | iHI U | NLESS OTHERWI | SE NOTED. [9.15 | .4.2.(1.)] | | | |
|----------|-------------|--------------------|-----------------|--------------------------|----------------|--|--|
| | | INFORCED SOL | D CONCRETE FO | DUNDATION WAL | LS (9.15.4.2.) | | |
| STRENGTH | ESS | MAX | . HEIGHT FROM | F I N. SLAB TO GR | ADE | | |
| N. | THICKNESS | UNSUPPORTED | Sl | JPPORTED AT TO | PORTED AT TOP | | |
| STE | 崖 | AT TOP | ≤2.5m | >2.5m & ≤2.75m | >2.75m & ≤3.0m | | |
| МРа | * 8" | 3'-11" (1.20m) | 7'-0" (2.15m) | 7'-0" (2.15m) | 6'-10" (2.10m) | | |
| | 10" | 4'-7" (1.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) | 8'-2" (2.50m) | | |
| 15 | 12" | 4'-11" (1.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) | 9'-3" (2.85m) | | |
| МРа | * 8" | 3'-11" (1.20m) | 7'-6" (2.30m) | 7'-6" (2.30m) | 7'-2" (2.20m) | | |
| ≅ | 10" | 4'-7" (1.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) | 9'-3" (2.85m) | | |
| 0 | 1.00 | 41 4 4 11 (4 0 -) | 71 01 (0 00) | 01.011.(0.00) | 01.011./0.05 | | |

 12" | 4'-11" (1.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) | 9'-3" (2.85m) \star 9" MIN. THICK FOUNDATION WALL IS REQUIRED FOR MASONRY VENEEF FINISHED EXTERIOR WALLS WITH CONTINUOUS INSULATION CONDITION, TO PROVIDE MIN. BEARING FOR SILL PLATES, BEAMS AND FLOOR JOIST AS PER 9.23.7.2. 9.23.8.1. & 9.23.9.1. OF THE O.B.C.

| 0.20.7.2., 0.20.0.7. | , 4 5.20.5.1. 01 1112 | O.B.O. | |
|----------------------------|--|---|-------------------------|
| | MINIMUM STRIP FC UNLESS NOTED OT | OTING SIZES (9.15.3 HERWISE ON PLANS | .) |
| NUMBER FLOORS SUPPORTED | SUPPORTING INT. LOAD BEARING MASONRY WALLS | SUPPORTING EXTERIOR | SUPPORTING PARTYWALL |
| 1 | 16' WIDE x 6" THICK | 16" WIDE x 6" THICK | 16" WIDE x 6" THICK |
| 2 | 24' WIDE x 8" THICK | 20" WIDE x 6" THICK | 24" WIDE x 8" THICK |
| 3 | 36" WIDE x 14" THICK | 26" WIDE x 9" THICK | 36" WIDE x 14" THICK |

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.

FOUNDATION REDUCTION IN THICKNESS FOR MASONRY WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNES: PERMIT THE INSTALLATION OF MASONRY EXTERIOR FACING, THE REDU SECTION SHALL BE NOT LESS THAN 3 1/2" (90) THICK. THE BRICK VENEER SHALL BE TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES @ 7 7/8" (200) VERTICAL AND 2'-11" (889) HORIZONTAL. FILL VOID WITH MORTAR

5B 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))

BETWEEN WALL AND BRICK VENEER (9.15.4.7(2)(3) & 9.20.9.4(3))

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.) (9.13.) 3" (80) MIN. 25MPa (3600psi) CONC. SLAB ON 4" (100) COARSE GRANULAR FILL OR 20MPa (2900psi) CONC. WITH DAMPPROOFING BELOW SLAB. PROVIDE 1/2" (12.7) IMPERVIOUS BOARD FOR BOND BREAK AT FDGE, WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE PROVIDE RIGID INSUL. AROUND THE PERIMETER 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, & CAN/ULC-S705.2) PROVIDE SPRAY FOAM INSULATION BETWEEN CANT. JOIST AND INSTALL OSB CONFIRMING TO 9.29.9. FIN. SOFFIT OR CLADDING AS PER ELEVATION TO U/S OF EXPOSED CANT JOIST

EXPOSED CEILING TO EXTERIOR w/ ATTIC (9.25.2.4) INSULATION, 6 mil POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM BOARD

INTERIOR FINISH OR APPROVED EQ. EXPOSED CEILING TO EXTERIOR W/o ATTIC

JOISTS/TRUSSES AS PER PLANS W/ 2"x2" (38x38) 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) GYPSUM BOARD INT. FINISH OR APPROVED EQ. (CAN/ULC-S705.2, 9.19.1, 9.10.17.10)

| 10 | ALL | STAIF | RS/E | X | TERIC | R ST | AIRS (9.8 | 3.1.2., 9 |
|----|---------|--------------|--------|------|------------|--------------|------------------|-----------|
| | | MAX, RISE | MIN, F | RISE | MAX. RUN | MIN. RUN | ALL STAIF | is |
| | PRIVATE | 7 7/8" (200) | 5" (12 | 25) | 14" (355) | 10" (255) | MAX, NOSING | 1* (25) |
| | PUBLIC | 7" (180) | 5" (12 | 25) | NO LIMIT | 11" (280) | HI DI, HOOKYO | . (==) |
| | | MIN. STAIR | WIDTH | | TAPERED T | READS | | |
| | PRIVATE | 2'-10" (8 | 60) | ^ | /IN.RUN | 5 7/8" (150) | | |
| | FRIVALE | 2-10 (0 | 00) | MIN | . AVG. RUN | | | |
| | PUBLIC | 2-11 (9 | 00) | - N | IIN, RUN | 5 7/8" (150) | | |
| | LOPPIC | 2 11 (0 | 00) | MIN | . AVG. RUN | 11" (280) | | |

AVERAGE RUN OF TAPERED TREAD MEASURED AT A POINT 300mm FROM THE CENTERLINE AVERAGE FROM PTAPERED THEAD MEASONED AT A POINT SWITTER OWN THE CENTERL OF INSIDE HANDRAIL. (9.8.4.3.)

** HEIGHT OVER STAIRS (HEADROOM) IS MEASURED VERTICALLY ACROSS WIDTH OF STAIRS FROM A STRAIGHT LINE TO THE TREAD & LANDING NOSING TO LOWEST POINT ABOVE AND NOT LESS THAN 6-5" (1950) FOR SINGLE DWELLING UNIT & 6-8 3/4" (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.

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. GUARD HEIGHTS - O.B.C. 9.8.8.

INTERIOR 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: 3-6" (1070) MIN.

GUARDS FOR LANDINGS @ 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" (600) OR MORE ABOVE ADJACENT SURFACE REQUIRES CONT. CURB MIN. 6" (150) HIGH, AND GUARD REQUIRED GUARDS

ETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN ELEVATION MORE THAN 23 5/8" (600) OR ADJACENT SURFACE WITHIN 3'-11" (12 & WALKING SURFACE W/ A SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER CONSTRUCTION HEX NOTE 1: HANDRAIL HEIGHTS - O.B.C. 9.8.7. - REQUIRED AS PER 9.8.7.1.(3)
MIN. HEIGHT AT STAIRS, RAMP AND LANDINGS: 2'-10" (865) MAX. HEIGHT AT STAIRS, RAMP AND LANDING: 3'-6" (1070)

SILL PLATES

2"x4" (38x89) 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.)

BASEMENT INSULATION ([SB-12] 3.1.1.7.) PROVIDE CONTINUOUS BLANKET INSULATION W/ BUILT IN 6 mil POLYETHYLENE VAPOUR BARRIER. INSULATION TO EXTEND NO MORE THAN 8" (200) ABOVE FINISHED BASEMENT FLOOR. DAMPROOFED WITH BUILDING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

BEARING STUD PARTITION IN BASEMENT (9.15.3.6., 9.23.10.1.) 2"x4" (38x89) STUDS @ 16" (406) O.C., 2"x4" (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" (2390) O.C. 4" (100) HIGH CONC. CURB ON CONC. FOOTING, FOR SIZE REFER TO HEX NOTE 5. ADD HORIZ. BLOCKING AT MID-HEIGHT IF WALL IS UNFINISHED.

ADJUSTABLE STEEL BASEMENT COLUMN (9.15.3.4.) 9'-10" (3000) MAX. SPAN BETWEEN COLUMNS. 3 1/2" (90)Ø SINGLE TUBE ADJUSTABLE STEEL COLUMN CONFORMING TO CAN/CGSB-7.2M, AND WITH 6"x6"x3/8" (152x152x9.5) STEEL PLATE TOP & BOTTOM. FIELD WELD BASEMENT COLLIMN CONNECTION POLISED CONCRETE FOOTING ON NATURA 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 FUR LOAD PROVIDE 34"x34"x16" (870x870x410) CONC. FOOTING

SUPPORTING 3 STOREY FLR, LOAD PROVIDE 40"x40"x19" (1060x1060x480) CONC. FOOTI

15A) NON-ADJUSTABLE STEEL BASEMENT COLUMN 3 1/2" (90)Ø x 0.188" (4.78) NON-ADJUSTARI F STEFL COLUMN

1/2" (90)Ø x 0.188" (4.78) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x9.5) ANCHORS. FIELD WELD BASEMENT COLUMN CONNECTION. POURED CONCRETE FOOTING ON NATURAL UNDISTURBED SOIL OF 125KPA S.L.S. OR COMPACT 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

NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL 3 1/0" (90)00 v 0 188" (4 79) NON AD 1107101 TO 12

3 1/2" (90)Ø 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 (2-12.7Øx305x50), FIELD WELD COLUMN TO BASE PLATE & STEEL BM.

STEEL BEAM BEARING AT FOUNDATION WALL (9.23.8.1.) BEAM POCKET OR 8"x8" (200x200) POURED CONC. NIB WALLS, MIN. BEARING 3 1/2" (90). CONC. NIB WALLS TO HAVE EXTENDED FOOTINGS

- WOOD STRAPPING AT STEEL BEAMS (9.23.4.3.(3.), 9.23.9.3.) "x3" (19x64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM.
- **GARAGE SLAB** (9.16., 9.35.) 4" (100) 32MPa (4640psi) CONC. SLAB WITH 5-8% AIR ENTRAINMENT ON OPT.
 4" (100) COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR
 COMPACTED NATIVE FILL. SLOPE TO FRONT @ 1% MIN.
- (9) GARAGE TO HOUSE WALLS/CEILING (9.10.9.16.) " (12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND RAGE, PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CEILINGS TAPE AND SEAL ALL JOINTS GAS TIGHT (9.10.17.10. CAN/ULC-S705.
- GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION 1/2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED OV EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY EASTENED AS PER MANUEACTURER'S SPECIFICATIONS ON 3/8" EXTERIOR GRADE SHEATHING ON STUDS BETWEEN HOUSE AND GARAGE, PLU REQUIRED INSULATION IN WALLS & SPRAY FOAM FOR CEILINGS, TAPE AND SEAL ALL JOINTS GAS TIGHT. (9.10.9.16., 9.10.17.10, CAN/ULC-S705.2)

GARAGE DOOR TO HOUSE (9.10.9.16., 9.10.13.10., 9.10.13.15.) AS-PROOF DOOR AND FRAME. DOOR EQUIPPED WITH SELF CLOSING

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 STAIRS 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

DRYER EXHAUST

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) ([SB-12] 3.1.1.8.(1))
- 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.
- **LINEN CLOSET**
- PROVIDE 4 SHELVES MIN. 14" (356) DEEP. 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.

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.

- WOOD FRAMING IN CONTACT TO CONCRETE OOD 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.)
- 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
- **STEP FOOTINGS** (9.15.3.9.) MIN_HOBIZ_STEP = 23.5/8" (600) MAX_VERT_STEP = 23.5/8" (600)

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 (4640psi) WITH 5-8% AIR ENTRAINMENT ON

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. HRV INTAKE TO BE A MIN. OF 6'-0" (1830) FROM ALL EXHAUST TERMINALS. REFER TO GAS UTILIZATION CODE.

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. **FLOOR FRAMING** (9.23, 3.5., 9.23, 9.4., 9.23, 14.) &G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION SEE O.B.C. 9.30.6. ALL JOISTS WHERE REQUIRED TO BE BRIDGED WITH 2"x2" (38x38) CROSS BRACING OR SOLID BLOCKING @ 6-11" (2108) O.C. MAX. ALL JOISTS TO BE STRAPPED WITH 1"x3" (19x64) @ 6-11" (2108) O.C. UNLESS A

PANEL TYPE CEILING FINISH IS APPLIED. HEADER CONSTRUCTION

PROVIDE CONTINUOUS APPROVED AIR/VAPOUR BARRIER (HEADER WRAP) UNDER THE SILL PLATE, AROUND 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 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 CONFORMING TO CANULC-S702 & HAVING A MASS OF NOT LESS THAN 1.22 KG/M2 OF WALL SURFACE AND 1/2" (12.7) TYPE X GYPSUM WALL BOARD INTERIOR FINISH. EXTERIOR CLADDING MUST BE NON-COMBUSTIBLE WHEN LIMITING DISTANCE IS 23 5/8' (0.60m) OR LESS. WALL ASSEMBLY REQUIRES TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 MINUTES & CONFORMING TO 0.B.C. (9.10.14. OR 9.10.15.). REFER TO DETAILS FOR TYPE & SPECS. ** AN OPENING IN AN EXPOSING BUILDING FACE NOT MORE THAN 0.55 MINUTES OF THAN 1.55 MINUTES OF THE THAN 1.55 MINUTES OF THAN 1.55 MINUTES OF THE THAN 1.55 MINUTES OF THE THAN 1.55 MINUTES OF THAN 1.55 MINUTES OF THE THAN 1.55 MINUTES OF (130cm²) SHALL NOT BE CONSIDERED AN UNPROTECTED OPENING AS PER

COLD CELLAR PORCH SLAB (9.39.) FOR MAX. 8'-2" (2500) PORCH DEPTH, 5" (127) 32 MPa (4640psi) CONC. SLAB W/5-8% AIR ENTRAINMENT. REINF. WITH 10M BARS @ 7 7/8" (200) O.C. EACH DIRECTION, W/ 1 1/4" (32) CLEAR COVER FROM BOTTOM OF SLAB TO FIRST LAYER OF BARS & SECOND LAYER OF BARS LAID DIRECTLY ON TOP OF LOWER LAYER IN OPPOSITE DIR 24"x24" (610x610) 10M DOWELS @ 23.5/8" (600) O.C. ANCHORED IN PERIMETER FND. WALLS. SLOPE SLAB 1.0% FROM DOOR.

RANGE HOODS AND RANGE-TOP FANS COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST CONFORM TO OBC 9.10.22, 9.32.3.9. & 9.32.3.10.

CONVENTIONAL ROOF FRAMING (9.23.13., 9.23.15.) 2"x6" (38x140) RAFTERS @ 16" (406) O.C., 2"x8" (38x144) RIDGE BOARD.
2"x4" (38x89) COLLAR TIES AT MID-SPAN. CEILING JOISTS TO BE 2"x4" (38x89)
@ 16" (406) O.C. FOR MAX. 9-3" (2819) SPAN & 2"x6" (38x140) @ 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" (38x89) @ 24" (610) O.C. UNLESS OTHERWISE SPECIFIED.

A. KONG 100184942 August 02, 2022 100 COMMERCE VALLEY Dr. W. IORNHILL ONTARIO CANADA L3T OA TEL: 1-905-882-4211IFAX: 1-905-822-0055IWWW.WSPGROUP.CA

FOR STRUCTURAL ONLY, EXCLUDING ENGINEERED ROOF TRUSS, FLOOR JOIST, AND FLOOR LVL BEAM DESIGN

cont. SECTION 1.0. CONSTRUCTION NOTES

TWO STOREY VOLUME SPACES (9.23.10.1., 9.23.11., 9.23.16.)

| TIT ILL THOOLITIBLE | | 111.15 201.50 | | | | | |
|---|-----------------------|------------------|---------------|----------------|---------------|--|--|
| EXTERIOR | STUDS | <= 0.5 kPA (q50) | | > 0.5 | kPa (q50) | | |
| EXIENION STUDS | | SPACING | MAX HEIGHT | SPACING | MAX HEIGHT | | |
| BRICK | 2-2"x6" | 12" (305) O.C. | 18'-4" (5588) | 8" (200) O.C. | 18'-4" (5588) | | |
| SIDING | (2-38x140) SPR.#2 | 16" (406) O.C. | 18'-4" (5588) | 12" (305) O.C. | 18'-4" (5588) | | |
| BRICK | 2-2"x8" (2-38x184) | 12" (305) O.C. | 21'-0" (6400) | 12" (305) O.C. | 21'-0" (6400) | | |
| SIDING | SPR.#2 | 16" (406) O.C. | 21'-0" (6400) | 16" (406) O.C. | 21'-0" (6400) | | |
| ** STUD SIZE & SPACING TO BE VERIFIED BY STRUCTURAL ENGINEER ** | | | | | | | |

STUDS ARE TO BE CONTINUOUS, C/W 3/8" (9.5) THICK EXTERIOR PLYWOOD SHEATHING. PROVIDE SOLID WOOD BLOCKING BETWEEN WOOD STUDS @ 4-0" (1220) O.C. VERTICALLY.

- FOR HORIZ. DISTANCES LESS THAN 9'-6' (2896) PROVIDE 2"x6' (38x140) STUDS @ 16" (406) O.C. WITH CONTIN. 2-2"x6" (2-38x140) TOP PLATE + 1-2"x6" (1-38x140) BOTTOM PLATE & MIN. OF 3-2"x8" (3-38x184) CONT. HEADER AT GROUND FLOOR CEILING LEVEL TOE-NAILED & GLUED AT TOP, BOTTOM PLATES & HEADERS.

- 1 HR. PARTY WALL (CONC. BLOCK) ([SB-3] WALL TYPE 'B6e' & 'B1b') 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) ([SB-3] WALL TYPE W13c') 5/8" (15.9) TYPE 'X' GYPSUM SHEATHING ON EXTERIOR SIDE OF 2 ROWS OF 2"x4" (38x89) STUDS @ 16" (406) O.C., MIN. 1" (25) APART ON SEPARATE 2"x4" (38x89) SILL PLATES. (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.
- 2 HR. FIREWALL ([SB-3] WALL TYPE 'B6e' & '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 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)
- (41) STUCCO WALL CONSTRUCTION (2'x6') STUCCO FINISH 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 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 WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED)
- STUCCO WALL CONSTRUCTION (2"x6") W/ CONTIN. INSUL. STUCCO FINISH 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 AIR/WATER BARRIER AS PER O.E APPROVED DIAINAGE WITH ON APPROVED MINWELE BARRIER AS PER 0.5.0.
 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICAL
 FASTENED AS PER MANUFACTURER'S SPECIFICATIONS, ON 7/16" EXTERIOR TY
 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. FINISH. (REFER TO 35 NOTE AS REQUIRED)
- 41B STUCCO WALL @ GARAGE CONST. STUCCO FINISH CONFORMING TO O.B.C. SECTION 9.28. AND APPLIED PER MANUFACTURERS SPECIFICATIONS OVER 1 1/2" (38) E.F.I.S (MINIMUM) ON APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BRD. O STUDS CONFORMING TO O.B.C (9.23.10.1.) & SECTION 1.1., 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REC WALLDOAND IN: FINISH, INCEPEN TO 35 NOTE AS A REQ.)
 **** FOR DWELLINGS USING CONTIN. INSULATION CONSTRUCTION,
 PROVIDE APPROVED DRAINAGE MAT ON 7/16" (11) EXTERIOR TYPE SHEATHING
 OVER FURRING (AS REQ.) AND STUDS IN LIEU OF 1 1/2" (38) E.F.I.S (MINIMUM)
 ON APPROVED DRAINAGE MAT ON 1/2" (12.7) DENSGLASS GOLD GYPSUM BRD
- UNSUPPORTED FOUNDATION WALLS (9.15.4.2.) REINFORCING AT STAIRS AND SUNKEN FLOOR AREAS
 2-20M BARS IN TOP PORTION OF WALL (UP TO 8-0" OPENING)
 3-20M BARS IN TOP PORTION OF WALL (8-0" TO 10-0" OPENING) 4-20M BARS IN TOP PORTION OF WALL (10'-0" TO 15'-0" OPENING)
 - BARS STACKED VERTICALLY AT INTERIOR FACE OF WALL @ 6" O.C. 2-15M HORIZ. REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE FOUNDATION 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. 1" (25) CONC. COVER - BARS TO EXTEND 2'-0" (610) BEYOND BOTH SIDES OF OPENING

STUD WALL REINFORCEMENT PROVIDE STUD WALL SE PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOM CONFORMING TO O.B.C. (9.5.2.3.(1)) (REFER TO DETAILS)

WHERE A WINDOW OPENS INTO A WINDOW WELL, A CLEARANCE OF NOT LESS THAN 21 5/8" (550) SHALL BE PROVIDED IN FRONT OF THE WINDOW. EVERY WINDOW WELL SHALL BE DRAINED TO THE FOOTING LEVEL OR OTHER SUITABLE LOCATION WITH A 4" (100) WEEPING TILE CW A FILTER CLOTH WRAP AND FILLED WITH CRUSHED STONE, (9.9.10.1,(5), 9.14.6.3.)

45 SLOPED CEILING CONSTRUCTION ([SB-12] 3.1.1.8., 9.23.4.2.) 2"X12" (38X286) ROOF JOISTS @ 16" (406) O.C. MAX. (UNLESS OTHERWISE NOTED) W/ 2"X2" (38X38) 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 SURFACE OF EXTERIOR WALLS SHALL NOT BE LESS THAN R20 (3.52 RSI).

FLAT ROOF/BALCONY CONSTRUCTION

WATERPROOFING MEMBRANE (9.26.11, 9.26.15, 9.26.16) FULLY ADHERED TO 5 (15.9) T&G EXTERIOR GRADE PLYWOOD SHEATHING ON 2"x2" (38x38) PURLINS (38x184) FLOOR JOISTS @ 16" (406) O.C. (UNLESS OTHERWISE NOTED). BUILT CURB TO BE 4" (100) MIN. ABOVE FINISHED BALCONY FLOOR. CONTINUOUS 'I TRIM DRIP EDGE TO BE PROVIDED ON OUTSIDE FACE OF CURB. SCUPPER DR. TO BE LOCATED 24" (610) MIN. AWAY FROM HOUSE. PREFINISHED ALUMINUM PANEL FOR UNDERSIDE OF SOFFIT (9.23.2.3). REMOVE CURB WHERE REQ. BALCONY CONDITION

SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE. INCLUDE 2"x4" (38x89) PT. DECKING W/ 1/4" (6.4) GAPS LAID FLAT PARALLEL TO JOISTS ON 2"x4" (38x89) PT. SLEEPERS @ 12" (305) O.C. LAID FLAT PERPENDICULAR TO JOISTS BALCONY OVER HEATED SPACE CONDITION SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE FOR ASSEMBLY. RFFFR TO PLANS FOR FLOOR JOIST SIZE & REFER TO HEX NOTE 9 FOR INSULATION AND

BARREL VAULT CONSTRUCTION

INTERIOR FIN. (REFER TO DETAILS)

DE TO BE A DESIGNER.

STRATION INFORMATION

HUNT DESIGN ASSOCIATES INC

Allan Whiting

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

| 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 |). |
|---|-----------|
|---|-----------|

SECTION 1.1. WALL STUDS

REFER TO THIS CHART FOR STUD SIZE & SPACING AS REQUIRED FOR EXTERIOR WALLS ONLY. REFER TO SITING & GRADING PLAN OF THIS UNIT FOR CONFIRMATION OF TOP OF FOUNDATION WALL AND ADDITIONAL INFORMATION.

- IF STUD WALL HEIGHT EXCEEDS MAX. UNSUPPORTED HEIGHT, WALL NEEDS TO BE REVIEWED AND APPROVED BY ENGINEER.

| SIZE & SPACING OF STUDS: (OBC REFERENCE - TABLE 9.23.10.1.) | | | | | | | |
|---|----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--|--|--|
| MIN. | | SUPPORTED LO | . , | | | | |
| STUD SIZE. | ROOF w/ OR w/o ATT I C | ROOF w/ OR w/o ATTIC & 1 FLOOR | ROOF w/ OR w/o ATTIC & 2 FLOOR | ROOF w/ OR w/o ATTIC & 3 FLOOR | | | |
| in (mm) | 1 | MAX. STUD SPAC | ING, in (mm) O.C | | | | |
| () | MAX. UNSUPPORTED HGT., ft-in (m) | | | | | | |
| 2"x4" | 24" (610) | 16" (405) | 12" (305) | N/A | | | |
| (38x89) | 9'-10" (3.0) | 9'-10" (3.0) | 9'-10" (3.0) | N/A | | | |
| 2"x6" | - | 24" (610) | 16" (406) | 12" (305) | | | |
| (38x140) | - | 9'-10" (3.0) | 11'-10" (3.6) | 5'-11" (1.8) | | | |

SECTION 2.0. GENERAL NOTES

EPT WHERE A DOOR ON THE SAME FLOOR LEVEL AS THE BEDROOM PROVIDES O HAVE AT LEAST ONE OUTSIDE WINDOW W/ MIN. 0.35m2 UNOBSTRUCTE PORTION W/ NO DIMENSION LESS THAN 1'-3" (380), CAPABLE OF MAINTAINING THE DPENING WITHOUT THE NEED FOR ADDITIONAL SUPPORT, CONFORMING TO 9.9.10.) WINDOW GUARDS: A GUARD OR A WINDOW WITH A MAXIMUM RESTRICTED ÓPENING WIDTH OF 4" (100) IS REQUIRED WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 1¹-7" (480) ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FINISHED FLOOR TO THE ADJACENT GRADE IS GREATER THAN 5¹-11" (1800). (9.8.8.1.) 3) WINDOWS IN EXIT STAIRWAYS THAT EXTEND TO LESS THAN 2-11" (900) [3-6" (1070) FOR ALL OTHER BUILDINGS] SHALL BE PROTECTED BY GUARDS IN ACCORDANCE WITH NOTE #2 (ABOVE). OR THE WINDOW SHALL BE NON-OPERABLE AND DESIGNED TO WITHSTAND THE SPECIFIED LOADS FOR BALCONY GUARDS AS PROVIDED IN 4.1.5.15 OR 9.8.8.2

4) REFER TO TITLE PAGE FOR MAX. U-VALUE REQUIREMENTS

2.2. CEILING HEIGHTS

| THE CEILING HEIGHTS OF ROOMS AND SPACES SHALL CONFORM TO TABLE 9.5.3.1. | | | | |
|---|--|--|--|--|
| ROOM OR SPACE | MINIMUM HEIGHTS | | | |
| LIVING ROOM, DINING ROOM AND KITCHEN | 7'-7" OVER 75% OF REQUIRED FLOOR AREA WITH A CLEAR HEIGHT OF 6'-11" AT ANY POINT | | | |
| BEDROOM | 7'-7" OVER 50% OF REQUIRED FLOOR AREA OR 6'-11" OVER ALL OF THE REQUIRED FLOOR AREA. | | | |
| BASEMENT | 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". | | | |
| BATHROOM, LAUNDRY AREA ABOVE GRADE | 6'-11" IN ANY AREA WHERE A PERSON WOULD NORMALLY BE STANDING | | | |
| FINISHED ROOM NOT MENTIONED ABOVE | 6'-11" | | | |
| MEZZANINES | 6'-11" ABOVE & BELOW FLOOR ASSEMBLY (9.5.3.2.) | | | |
| STORAGE GARAGE | 6'-7" (9.5.3.3.) | | | |
| | | | | |

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 OURS. WHEN A VENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED, CONFORM O OBC 9.32.3.4. 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) DRAIN WATER HEAT RECOVERY UNIT(S) WILL BE INSTALLED CONFORMING TO THE REQUIREMENTS OF SB12 - 3.1.1.12. OF THE 0.B.C.

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

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

) STRUCTURAL STEEL SHALL CONFORM TO CAN/CSA-G40-21 GRADE 350W. 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.

2.6. FLAT ARCHES1) 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. 2.7. ROOF OVERHANGS

2.8. FLASHING (9.20.13., 9.26.4. & 9.27.3. FLASHING MATERIALS & INSTALLATION SHALL CONFORM TO O.B.C.

) THE BUILDING SHALL BE LOCATED OR THE BUILDING SITE GRADED SO THE WATER WILL NOT ACCUMULATE AT OR NEAR THE BUILDING AND WILL NOT ADVERSELY AFFECT ADJACENT PROPERTIES. CONFORM TO 9.14.6.

IGS SHALL BE 1'-0" (305). UNLESS NOTED OTHERWISE.

2.10, ULC SPECIFIED ASSEMBLIES
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.

SECTION 3.0. LEGEND

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

| | 3.2. STEEL LINTELS SUPPORTING MASONRY VENEER | | | | | | | |
|---|--|---------------------|------------------|-------------------------|------------------|---------------------|--|--|
| | LVL8 | 4-1 3/4"x9 1/2" | LVL9 | 4-1 3/4"x11 7/8" | LVL13 | 4-1 3/4"x14" | | |
| | LVL5 | 3-1 3/4"x9 1/2" | LVL7 | 3-1 3/4"x11 7/8" | LVL12 | 3-1 3/4"x14" | | |
| | LVL4 | 2-1 3/4"x9 1/2" | LVL6 | 2-1 3/4"x11 7/8" | LVL11 | 2-1 3/4"x14" | | |
| | LVL2 | 1-1 3/4"x9 1/2" | LVL3 | 1-1 3/4"x11 7/8" | LVL10 | 1-1 3/4"x14" | | |
| | | 1 3/4" x 9 1/2" LVL | | 1 3/4" x 11 7/8" LVL | 1 3/4" x 14" LVL | | | |
| R | | ENGINEERED LUMBI | ER SC | CHEDULE - GRADE 2.0E (U | NLES | S NOTE OTHERWISE) | | |
| П | B7 | 5/2"x8" (5/38x184) | B8 | 5/2"x10" (5/38x235) | B9 | 5/2"x12" (5/38x286) | | |
| | B2 | 4/2"x8" (4/38x184) | B4 | 4/2"x10" (4/38x235) | B6 | 4/2"x12" (4/38x286) | | |
| , | B1 | 3/2"x8" (3/38x184) | ВЗ | 3/2"x10" (3/38x235) | B5 | 3/2"x12" (3/38x286) | | |
| ١ | L1 | 2/2"x8" (2/38x184) | L3 | 2/2"x10" (2/38x235) | L5 | 2/2"x12" (2/38x286) | | |
| | 2"x8" SPRUCE #2 | | 2"x10" SPRUCE #2 | | | 2"x12" SPRUCE #2 | | |

(DIVISION B PART 9. TABLE 9.20.5.2.B.)

| | 1 01111111 01 0E111E110E 0.E0.0.E.(E) & 0.E0.0.E.(O) | | | | | |
|------|--|-----------------|----------------|--|--|--|
| CODE | SIZE | BRICK | STONE | | | |
| L7 | 3 1/2" x 3 1/2" x 1/4" (89 x 89 x 6.4) | 8'-1" (2.47m) | 7'-6" (2.30m) | | | |
| L8 | 4" x 3 1/2" x 1/4" (102 x 89 x 6.4) | 8'-9" (2.66m) | 8'-1" (2.48m) | | | |
| L9 | 4 7/8" x 3 1/2" x 5/16" (127 x 89 x 7.9) | 10'-10" (3.31m) | 10'-1" (3.03m) | | | |
| L10 | 4 7/8" x 3 1/2" x 3/8" (127 x 89 x 11) | 11'-5" (3.48m) | 10'-7" (3.24m) | | | |
| L11 | 5 7/8" x 3 1/2" x 3/8" (152 x 89 x 11) | 12'-6" (3.82m) | 11'-7" (3.54m) | | | |
| L12 | 7 1/8" x 4" x 3/8" (178 x 102 x 11) | 14'-1" (4.30m) | 13'-1" (3.99m) | | | |

3.3. DOOR SCHEDULECONFORMING TO SECTIONS 9.5.11, 9.6., 9.7.2.1, 9.7.5.2, & 9.10.13.10 XTERIOR | 2'-8" x 6'-8" x 1-3/4" (815 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) EXTERIOR | 2'-10" x 6'-8" x 1-3/4" (865 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) EXTERIOR 3'-0" x 6'-8" x 1-3/4" (915 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)

EXTERIOR | 2'-6" x 6'-8" x 1-3/4" (760 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7) EXTERIOR | 2'-8" x 6'-8" x 1-3/4" (815 x 2030 x 45) INS. MIN. R4 (RSI 0.7) (SEE HEX NOTE 20 EXTERIOR 3'-0" x 8'-0" x 1-3/4" (915 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7) EXTERIOR | 2'-8" x 8'-0" x 1-3/4" (815 x 2440 x 45) INSULATED MIN. R4 (RSI 0.7) EXTERIOR | 2-8" x 6-8" x 1-3/4" (815 x 2030 x 45) 20 MIN. F.R.R. DOOR/FRAME WITH APP. SELF CLOSING DEVICE INTERIOR | 2'-6" x 6'-8" x 1-3/8" (760 x 2030 x 35) PROVIDE 8'-0" HIGH

NTERIOR | 2'-4" x 6'-8" x 1-3/8" (710 x 2030 x 35) INTERIOR | 2'-0" x 6'-8" x 1-3/8" (610 x 2030 x 35) 4A INTERIOR 2'-2" x 6'-8" x 1-3/8" (660 x 2030 x 35)

INTERIOR DOORS FOR ALL 10' CEILING CONDITIONS INTERIOR | 1'-6" x 6'-8" x 1-3/8" (460 x 2030 x 35)

| | 3.4. ACRONYMS | | | | | |
|-------|------------------------------|-------|-------------------------|--|--|--|
| AFF | ABOVE FINISHED FLOOR | JST | JOIST | | | |
| BBFM | BEAM BY FLOOR MANUFACTURER | LIN | LINEN CLOSET | | | |
| BG | FIXED GLASS W/ BLACK BACKING | LVL | LAMINATED VENEER LUMBER | | | |
| BM | BEAM | OTB/A | OPEN TO BELOW/ABOVE | | | |
| BBRM | BEAM BY ROOF MANUFACTURER | PL | POINT LOAD | | | |
| CRF | CONVENTIONAL ROOF FRAMING | PLT | PLATE | | | |
| C/W | COMPLETE WITH | PT | PRESSURE TREATED | | | |
| DJ/TJ | DOUBLE JOIST/ TRIPLE JOIST | PTD | PAINTED | | | |
| DO | DO OVER | PWD | POWDER ROOM | | | |
| DRP | DROPPED | RWL | RAIN WATER LEADER | | | |
| ENG | ENGINEERED | SB | SOLID BEARING WOOD POST | | | |
| EST | ESTIMATED | SBFA | SB FROM ABOVE | | | |
| FA | FLAT ARCH | SJ | SINGLE JOIST | | | |
| FD | FLOOR DRAIN | SPR | SPRUCE | | | |
| FG | FIXED GLASS | STL | STEEL | | | |
| FL | FLUSH | T/O | TOP OF | | | |
| FLR | FLOOR | TYP | TYPICAL | | | |
| GT | GIRDER TRUSS | U/S | UNDERSIDE | | | |
| НВ | HOSE BIB | WD | WOOD | | | |
| HRV | HEAT RETURN VENTILATION UNIT | WIC | WALK IN CLOSET | | | |
| HWT | HOT WATER TANK | WP | WEATHER PROOF | | | |
| | | | | | | |

3.5. SYMBOLS

LL ELECTRICAL FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 9.34 CLASS 'B' VENT S EXHAUST VENT DUPLEX OUTLET (12" HIGH) DUPLEX OUTLET (HEIGHT AS NOTED A.F. HEAVY DUTY OUTLET → \(\frac{\frac}}{\frac{\frac{\frac{\frac{\frac}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}}}}}}}{\frac{\frac{\frac} LIGHT FIXTURE (CEILING MOUNTE POT LIGHT - LIGHT FIXTURE (WALL MOUNTED) CHANDELIER (CEILING MOUNTED CENTRAL VACUUM OUTLET

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

D ACTIVATE ALL ALARMS IF ONE SOUNDS. ALARMS ARE TO BE CONNECTED TO AN LECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET IMPORAL 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.) CHECK LOCAL BY-LAWS FOR REQUIREMENTS ** A CARBON MONOXIDE ALARM(S

CONFORMING TO CAN'CGA-6.19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH DWELLING UNIT ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARM(S) SHALL BE PERMANENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS AUDIBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED. 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 TRUSS OR ROOF BEAM SHALL CONFORM TO TABLES A-34 TO A-37. (9.17.4., 9.23.10.7.)

TWO STOREY VOLUME SPACE. SEE CONSTRUCTION NOTE 39.

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

EXPOSED BUILDING FACE -O.B.C. 9.10.14. OR 9.10.15.

REFER TO HEX NOTE 35. & DETAILS FOR TYPE AND SPECIFICATIONS. 2 HR. FIREWALL REFER TO HEX NOTE 40A.

1 HR. PARTY WALL REFER TO HEX NOTE 40. **SECTION 4.0. CLIMATIC DATA**

DESIGN SNOW LOAD (9.4.2.2.) 1.01 **kPa** WIND PRESSURE (q50) (SB-1.2.): 0.44 **kPa**

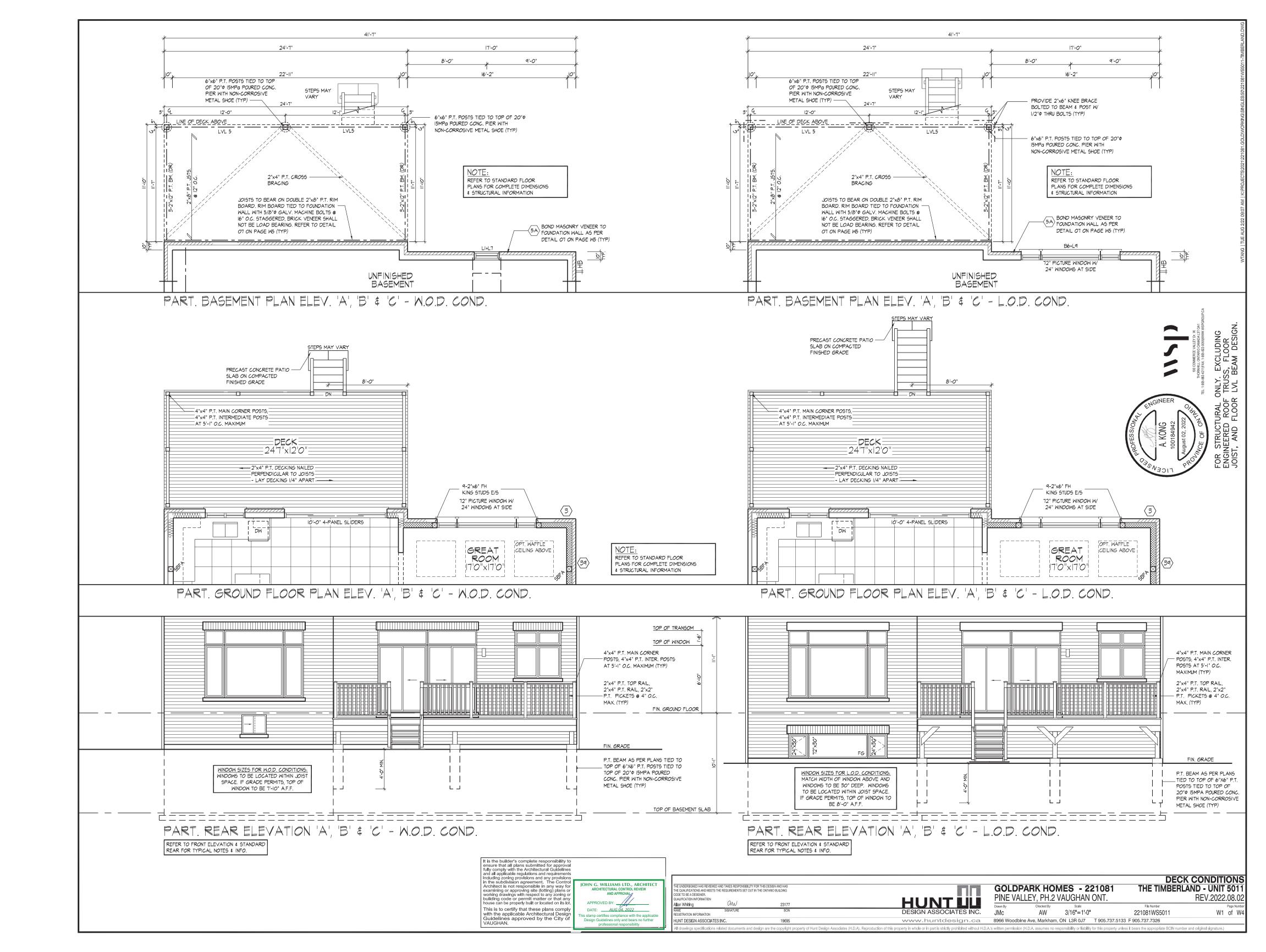
CONSTRUCTION NOTES

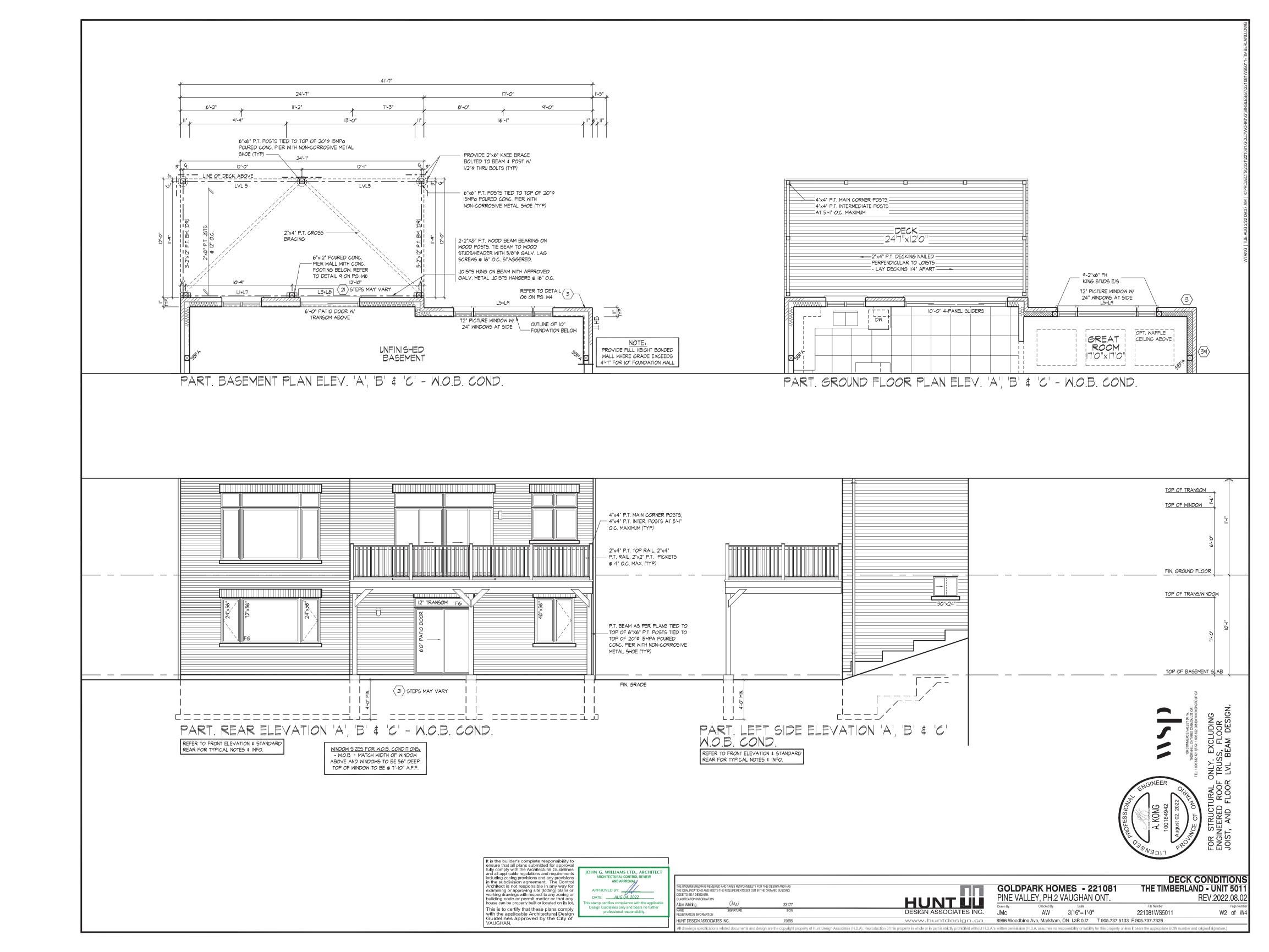
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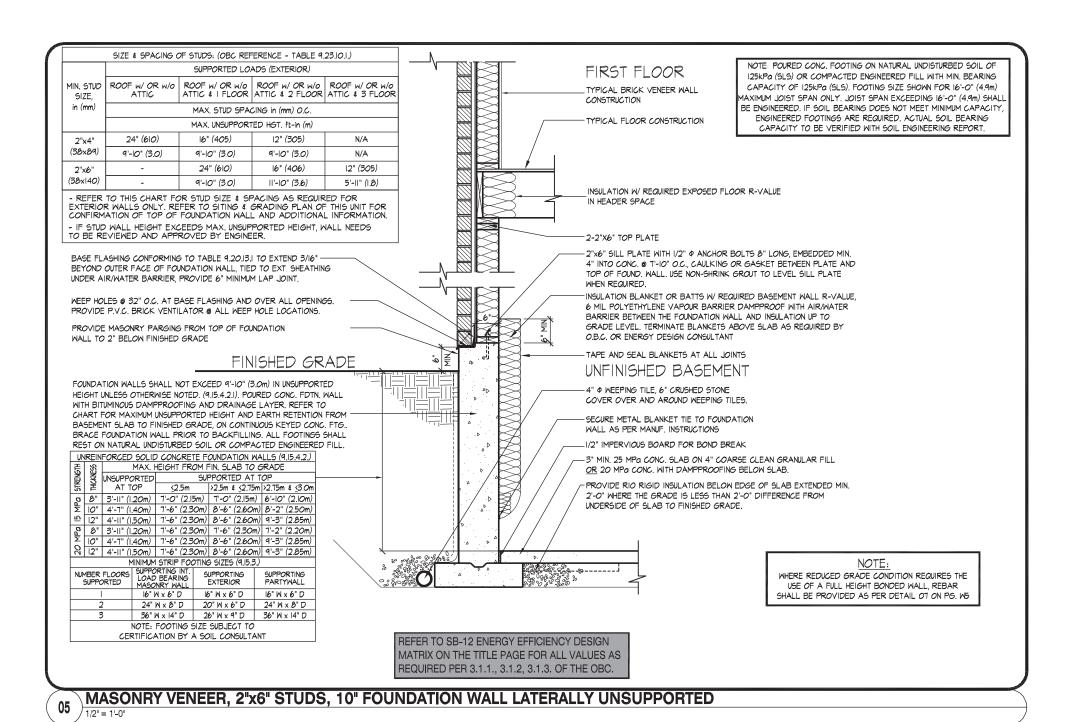
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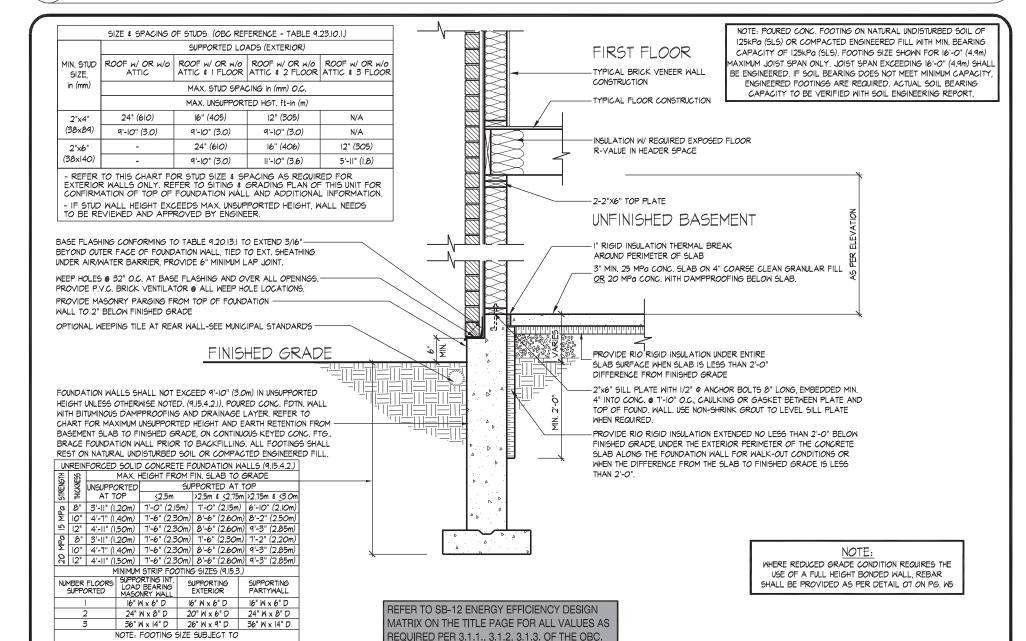
GOLDPARK HOMES - 221081 THE TIMBERLAND - UNIT 501 PINE VALLEY, PH.2 VAUGHAN ONT. 3/16"=1'-0" .IMc AW 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326 www.huntdesign.ca

REV.2022.08.0 221081WS5011 21 of 2



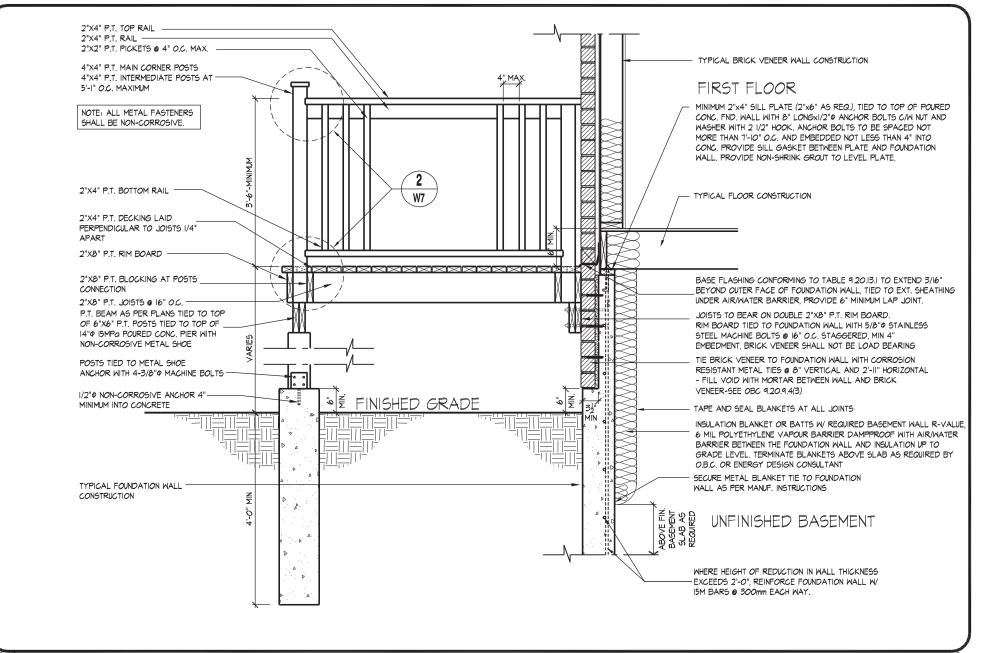




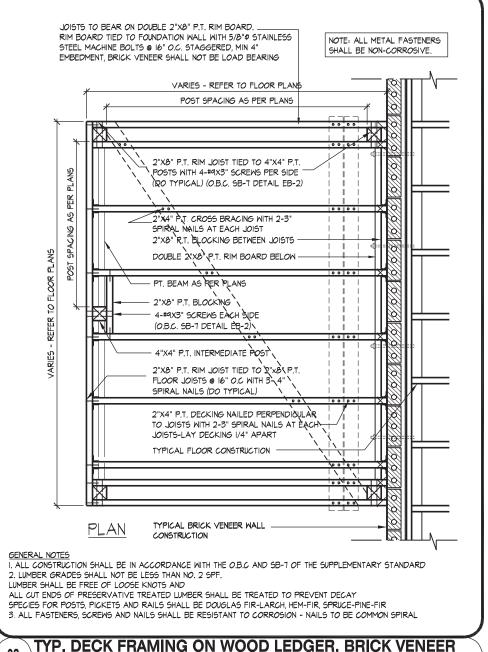


MASONRY VENEER, 2"x6" STUDS, SLAB ON GRADE / WALK OUT BASEMENT CONDITION

CERTIFICATION BY A SOIL CONSULTANT



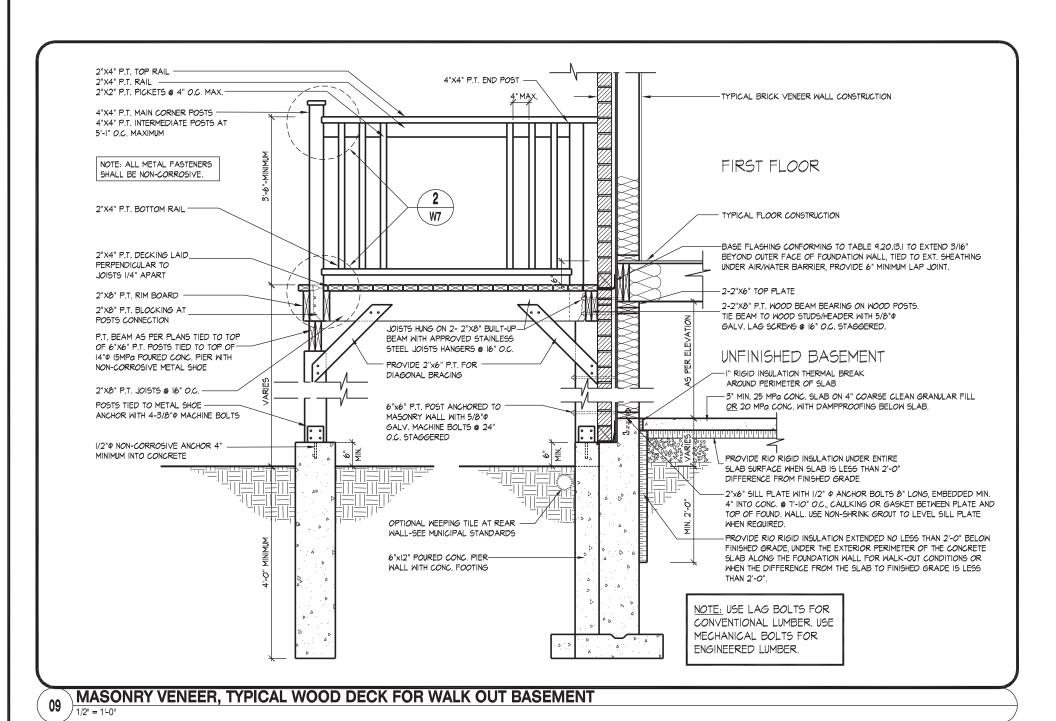
07 MASONRY VENEER, TYPICAL WALK/LOOK OUT WOOD DECK, SOLID MASONRY





TYP. DECK FRAMING ON WOOD LEDGER, BRICK VENEER

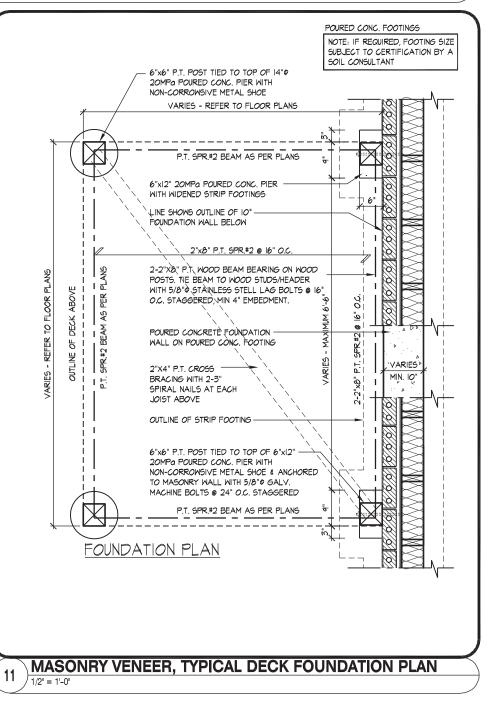
| THE UNDERSIGNED HAS REVIEWED AND TAKES R THE QUALIFICATIONS AND MEETS THE REQUIREM | | | GOLD | PARK HOI | MES - 2210 | | DECK DETAILS AND - UNIT 5011 |
|--|--|---|--------------------|---------------------------|---------------------------------------|--|---------------------------------|
| CODE TO BE A DESIGNER. QUALIFICATION INFORMATION Allan Whiting | J. | HUNTUU | | | VAUGHAN ONT | | REV.2022.08.02 |
| NAME SIGNATUREGISTRATION INFORMATION | URE BCIN | DESIGN ASSOCIATES INC. | JMc | AW | 3/16"=1'-0" | 221081WS5011 | W3 of W4 |
| HUNT DESIGN ASSOCIATES INC. | 19695 | www.huntdesign.ca | 8966 Wood | lbine Ave, Markham | ON L3R 0J7 T 905 | 5.737.5133 F 905.737.7326 | |
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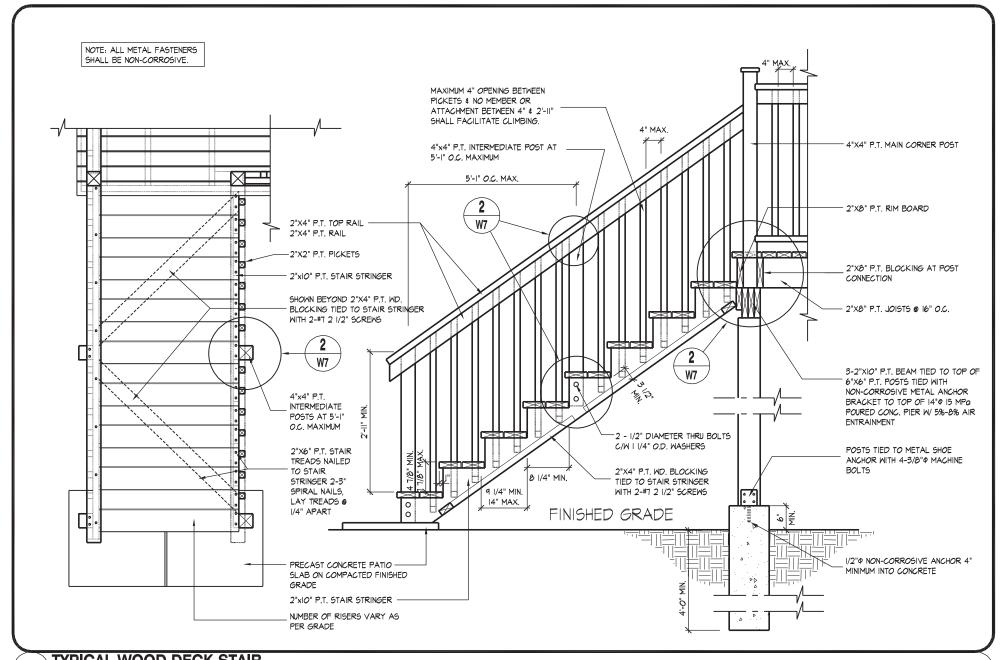


NOTE: ALL METAL FASTENERS SHALL BE NON-CORROSIVE. PROVIDE 2"x6" P.T. FOR -DIAGONAL BRACING TIED TO THE RIM JOIST VARIES - REFER TO FLOOR PLANS POST SPACING AS PER PLANS 2"X&" P.T. RIM JOIST TIED TO 4"X4" P.T POSTS WITH 4-#9X3" SCREWS PER SIDE YPO TYPICAL) (O.B.C. SB-7 DETAIL EB-2) APRROVED STAINLESS STELL JOISTS HANGERS -2"X4" P.Y. CROSS BRACING WITH 2-3" SPIRAL NAILS AT EACH JOIST 2-2"X8" WOOD, BEAM - PT. BEAM AS RER PLANS 2"X8" P.T. BLOCKING ` 4-#9X3" SCREWS EACH SIDE (O.B.C. 5B-7 DETAIL EB-2) 2"X8" P.T. RIM JOIST TIED TO X"X8", P.T FLOOR JOISTS @ 16" O.C WITH 3-4" \ SPIRAL NAILS (DO TYPICAL) 2"X4" P.T. DECKING NAILED PERPENDIQULAR TO JOISTS WITH 2-3" SPIRAL NAILS AT EACH JOISTS-LAY DECKING 1/4" APART TYPICAL FLOOR CONSTRUCTION PLAN <u>GENERAL NOTES</u>

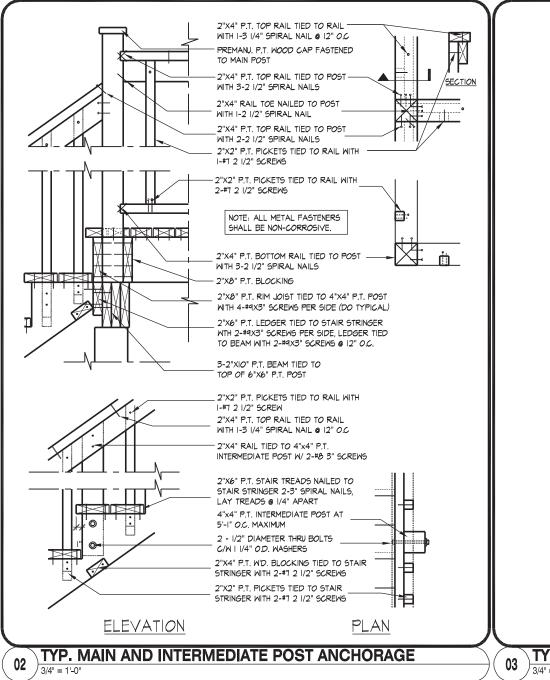
I. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE O.B.C AND SB-7 OF THE SUPPLEMENTARY STANDARD

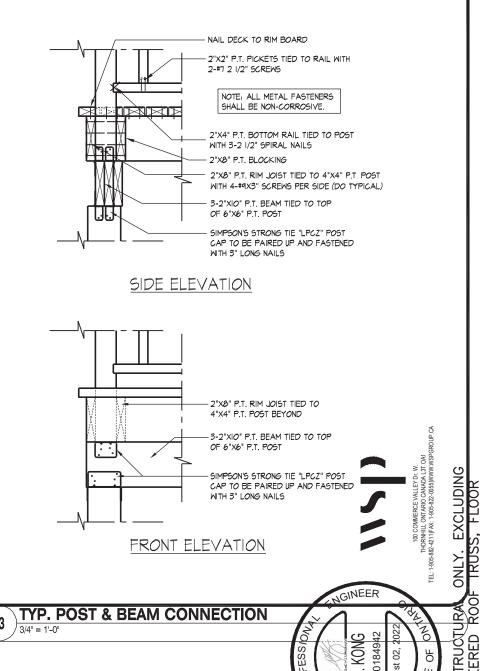
2. LUMBER GRADES SHALL NOT BE LESS THAN NO. 2 SPF. LUMBER SHALL BE FREE OF LOOSE KNOTS AND ALL CUT ENDS OF PRESERVATIVE TREATED LUMBER SHALL BE TREATED TO PREVENT DECAY SPECIES FOR POSTS, PICKETS AND RAILS SHALL BE DOUGLAS FIR-LARCH, HEM-FIR, SPRIVE-PINE-FIR
3. ALL FASTENERS, SCREWS AND NAILS SHALL BE RESISTANT TO CORROSION - NAILS TO BE COMMON SPIRAL MASONRY VENEER. TYPICAL DECK FRAMING PLAN





TYPICAL WOOD DECK STAIR





DECK DETAILS UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HA THE TIMBERLAND - UNIT 5011 **GOLDPARK HOMES - 221081** ODE TO BE A DESIGNER. PINE VALLEY, PH.2 VAUGHAN ONT. REV.2022.08.0 HUNTLU A**ll**an Whiting 3/16"=1'-0" JMc AW 221081WS5011 W4 of W4 STRATION INFORMATION 8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326 HUNT DESIGN ASSOCIATES INC www.huntdesign.ca