

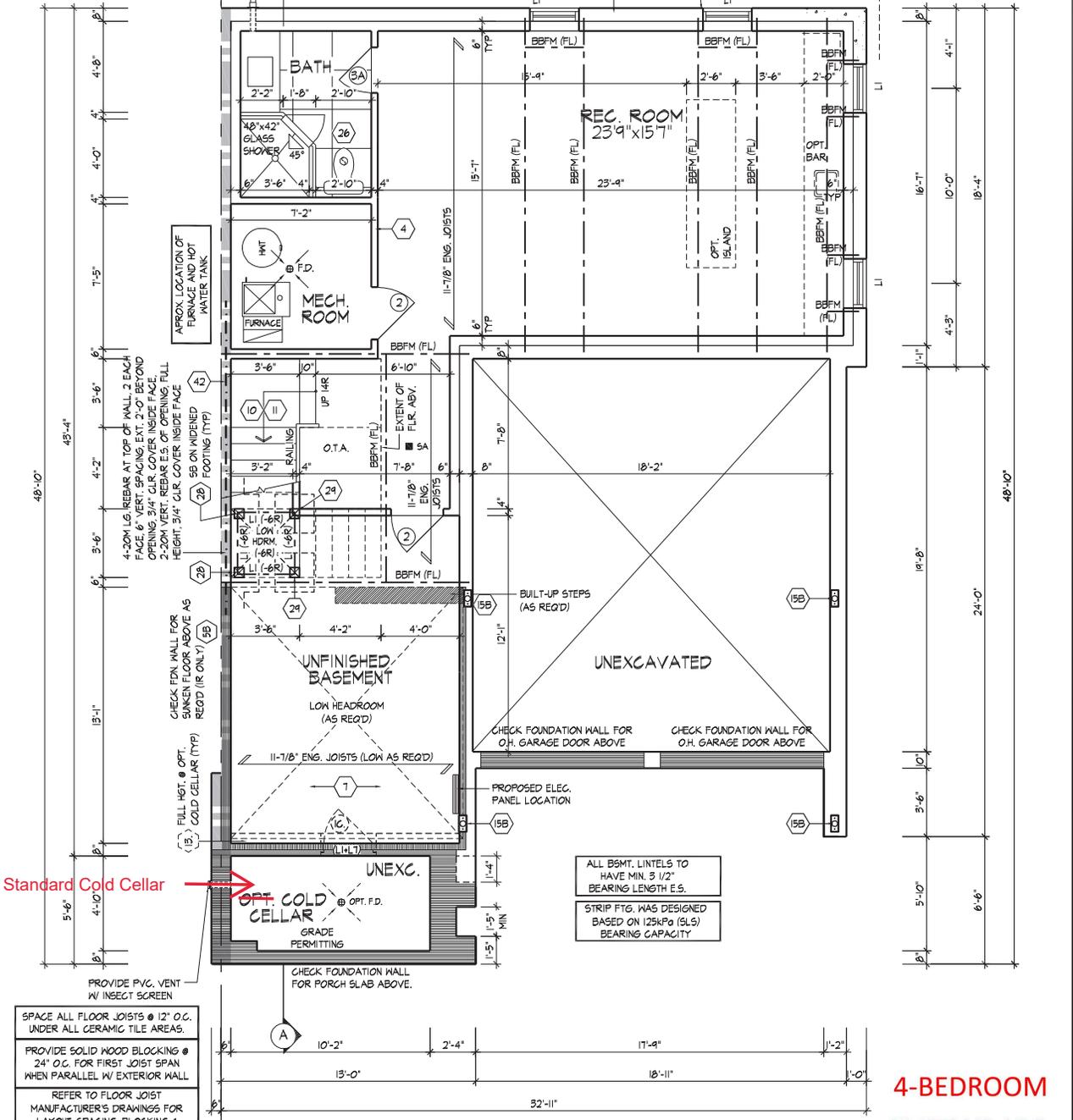


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ENGINEERED ROOF TRUSS, FLOOR
JOIST, AND FLOOR LVL BEAM DESIGN.

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

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: [Signature]
DATE: JULY 20, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.



- SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.
- PROVIDE SOLID WOOD BLOCKING @ 24" O.C. FOR FIRST JOIST SPAN WHEN PARALLEL W/ EXTERIOR WALL
- REFER TO FLOOR JOIST MANUFACTURER'S DRAWINGS FOR LAYOUT, SPACING, BLOCKING & STRAPPING REQUIREMENTS, INSTALLATION DETAILS AND HANGER SIZES, & SUBFLOOR THICKNESS

ALL BSMT, LINTELS TO HAVE MIN. 3/16" BEARING LENGTH E.S.
STRIP FTG. WAS DESIGNED BASED ON 125kPa (SL5) BEARING CAPACITY

BASEMENT PLAN, ELEV. 'B' - BLOCK 3

4-BEDROOM IS STANDARD

BASEMENT PLAN, ELEV. 'B' - BLOCK 3

AWH/ING | MON JUL 11 22 05:12 PM | K:\PROJECTS\2021\7014\GOLDPARK\WORKING\DWG\217014\3103-END-2-BLOCK3.DWG

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFYING REQUIREMENTS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.
QUALIFICATION INFORMATION
Allan Whiting [Signature] 23177
BCCP

HUNT DESIGN ASSOCIATES INC.
www.huntdesign.ca

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON
Drawn By: BB
Checked By: AW
Scale: 3/16"=1'-0"
8966 Woodbine Ave, Markham, ON L3R 0J7
T 905.737.5133 F 905.737.7326

3103-END-2-BLOCK 3
REV.2022.07.11
File Number: 217017WT3103-END-BLK3
Page Number: 2 of 14

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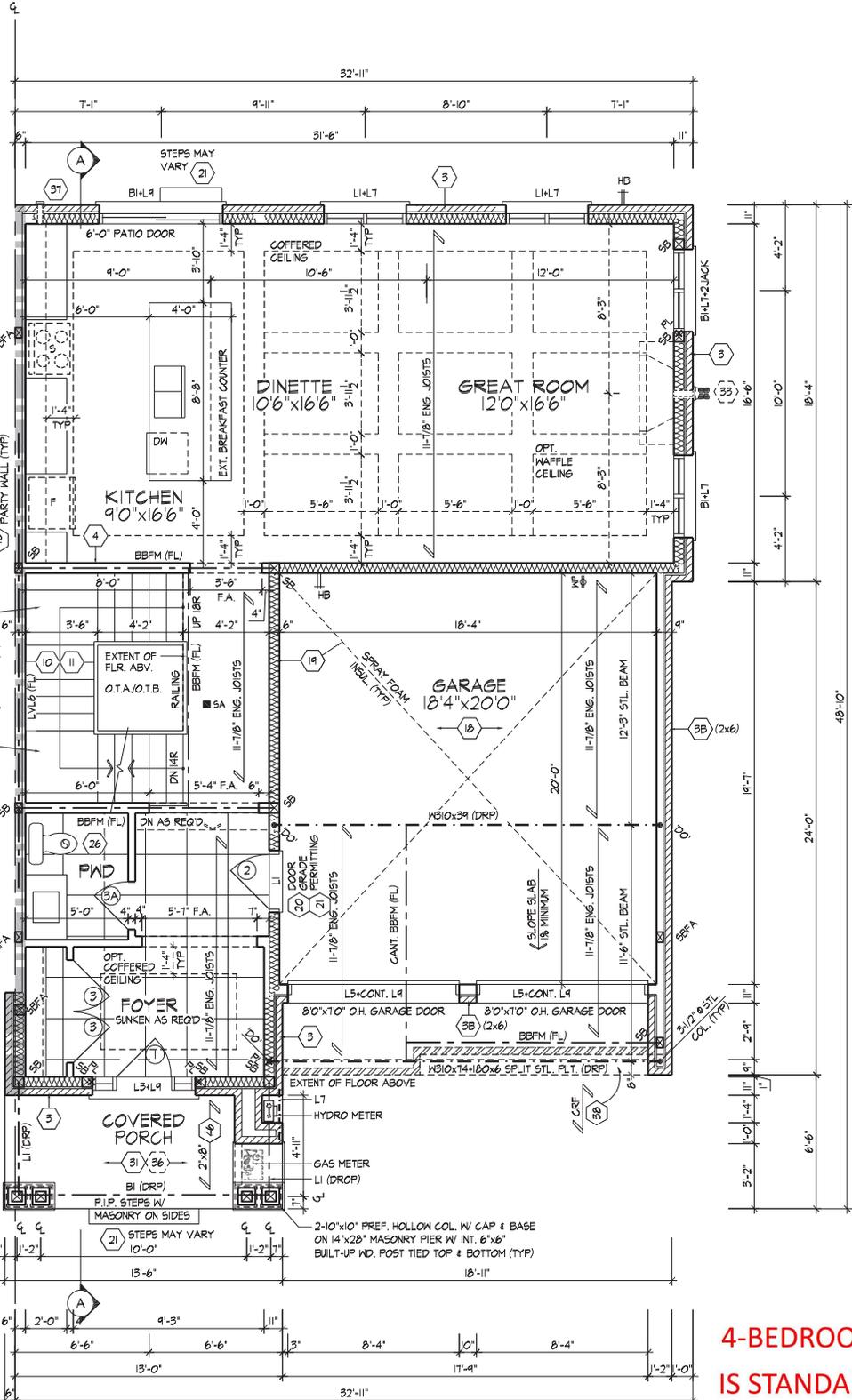
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SPACE ALL FLOOR JOISTS @ 12" O.C. UNDER ALL CERAMIC TILE AREAS.
PROVIDE SOLID WOOD BLOCKING @ 24" O.C. FOR FIRST JOIST SPAN WHEN PARALLEL W/ EXTERIOR WALL.
REFER TO FLOOR JOIST MANUFACTURER'S DRAWINGS FOR LAYOUT, SPACING, BLOCKING & STRAPPING REQUIREMENTS, INSTALLATION DETAILS AND HANGER SIZES, & SUBFLOOR THICKNESS.



4-BEDROOM IS STANDARD

GROUND FLOOR PLAN, ELEV. 'B' - BLOCK 3

GROUND FLOOR PLAN, ELEV. 'B' - BLOCK 3

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.
QUALIFICATION INFORMATION
Allan Whiting 23177
REGISTRATION INFORMATION
HUNT DESIGN ASSOCIATES INC. 19695



GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON
Drawn By: BB, Checked By: AW, Scale: 3/16"=1'-0", File Number: 217017WT3103-END-BLK3, Page Number: 3 of 14

3103-END-2-BLOCK 3
REV. 2022.07.11
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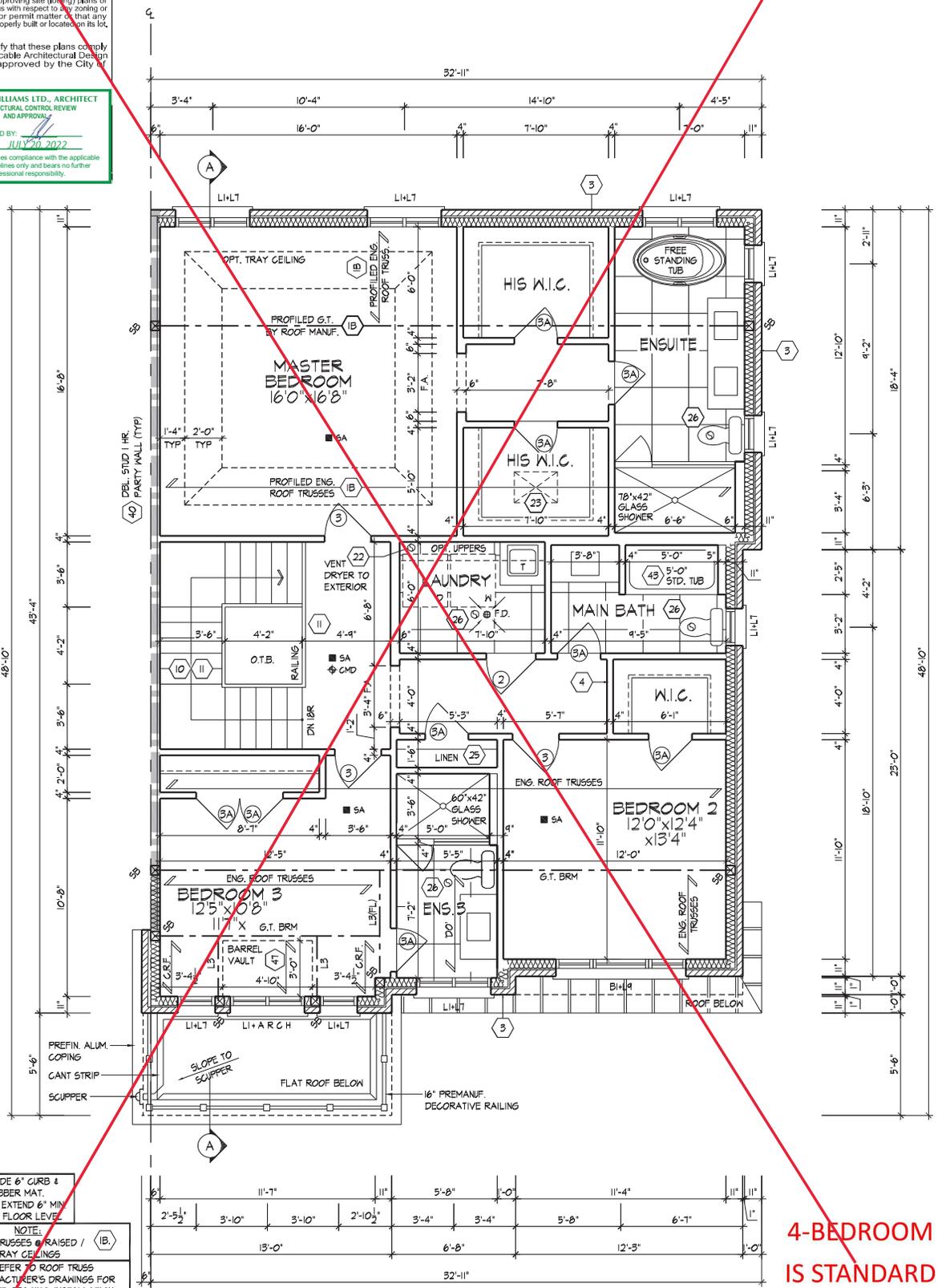
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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL
APPROVED BY: [Signature]
DATE: JULY 20, 2022
This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

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AWH/ING | MON JUL 11 22 05:12 PM | K:\PROJECTS\2017\217014\GOLDPARKHOMES\217014\WT3103-END-2-BLOCK3.DWG



PROVIDE 6" CURB & RUBBER MAT. MAT TO EXTEND 6" MIN ABOVE FLOOR LEVEL.
NOTE:
STEP TRUSSES OR RAISED / TRAY CEILING (IB)
REFER TO ROOF TRUSS MANUFACTURER'S DRAWINGS FOR LAYOUT, FACING, INSTALLATION DETAILS AND HANGER SIZES.

SECOND FLOOR PLAN, ELEV. 'B' - BLOCK 3

SECOND FLOOR PLAN, ELEV. 'B' - BLOCK 3

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFIER, SIGNATURE AND SEALS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.
QUALIFICATION INFORMATION
Allan Whiting [Signature] 23177
TITLE: ARCHITECT
REGISTRATION INFORMATION
HUNT DESIGN ASSOCIATES INC. 19695

HUNT DESIGN ASSOCIATES INC.
DESIGN ASSOCIATES INC.
www.huntdesign.ca

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON
Drawn By: BB
Checked By: AW
Scale: 3/16" = 1'-0"
8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326

3103-END-2-BLOCK 3
REV.2022.07.11
File Number: 217014WT3103-END-BLK3
Page Number: 4 of 14

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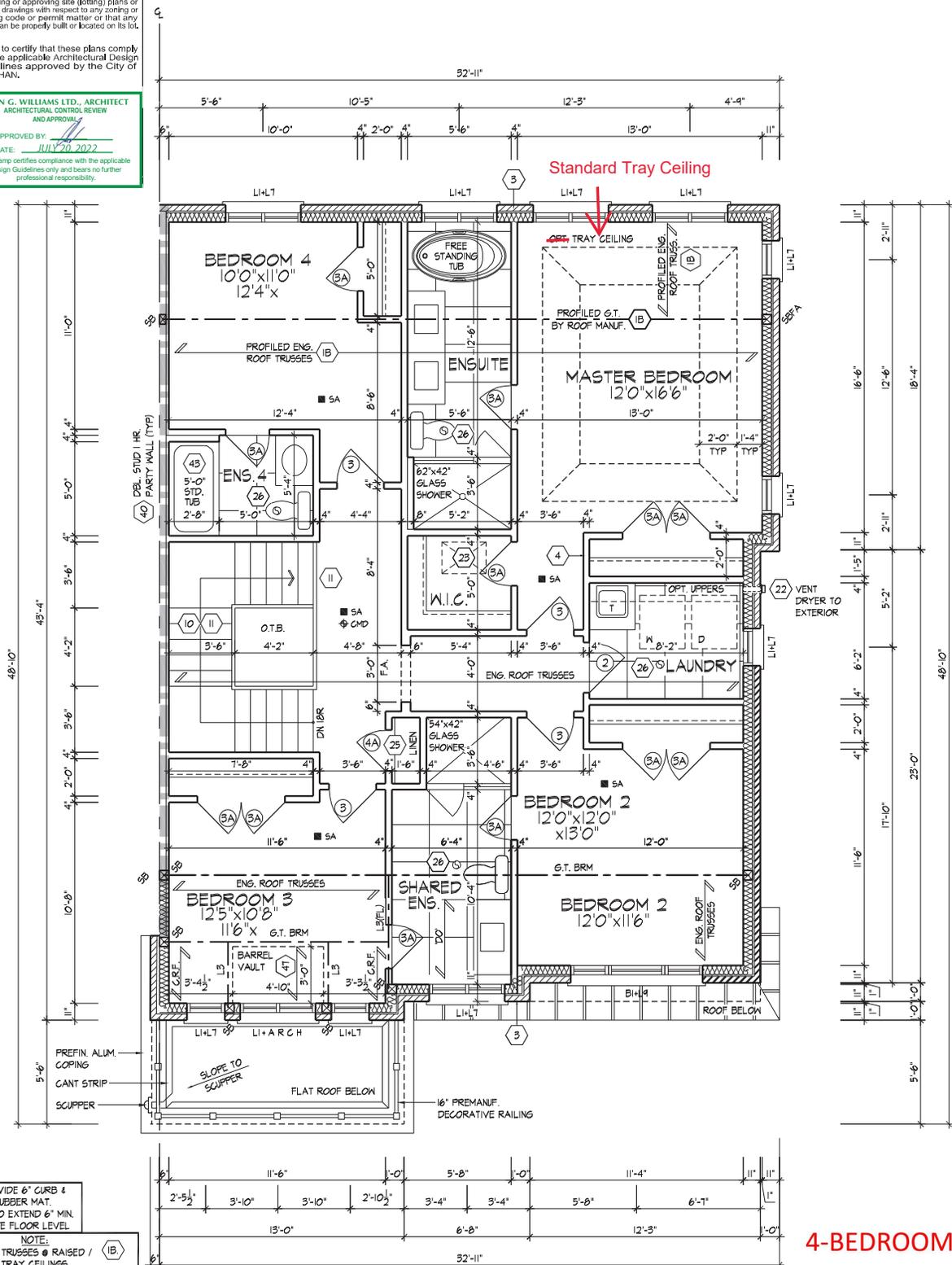
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of VAUGHAN.

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL

APPROVED BY: *[Signature]*
DATE: July 20, 2022

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



PROVIDE 6" CURB & RUBBER MAT. MAT TO EXTEND 6" MIN. ABOVE FLOOR LEVEL

NOTE:
STEP TRUSSES @ RAISED / TRAY CEILING

REFER TO ROOF TRUSS MANUFACTURER'S DRAWINGS FOR LAYOUT, SPACING, INSTALLATION DETAILS AND HANGER SIZES.

OPT. 4-BEDROOM FLOOR PLAN, ELEV. 'B'
- BLOCK 3

4-BEDROOM IS STANDARD

STANDARD 4 BEDROOM

OPT. 4-BEDROOM FLOOR PLAN, ELEV. 'B' - BLOCK 3

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THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

QUALIFICATION INFORMATION
[Signature] 23177 BCIN

DATE: 2022.07.11
REGISTRATION INFORMATION
HUNT DESIGN ASSOCIATES INC. 19695

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GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON

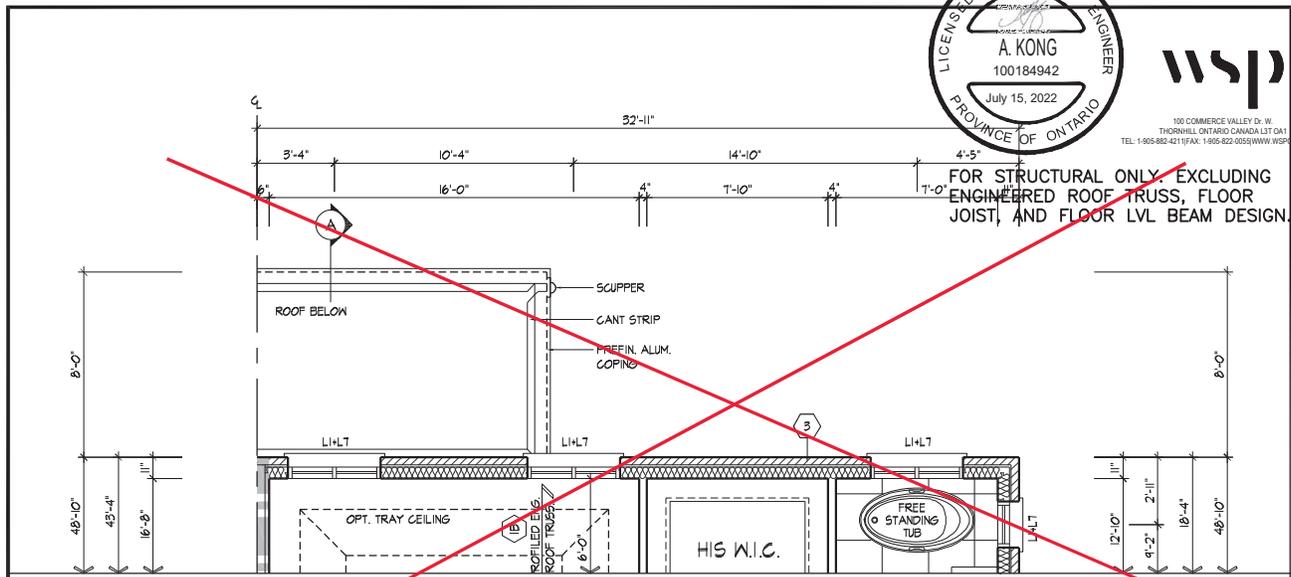
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Checked By: AW
Scale: 3/16" = 1'-0"

3103-END-2-BLOCK 3
REV. 2022.07.11

File Number: 217017WT3103-END-BLK3
Page Number: 5 of 14

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SECOND FLOOR PLAN, ELEV. 'B' W/ LOGGIA - BLOCK 3

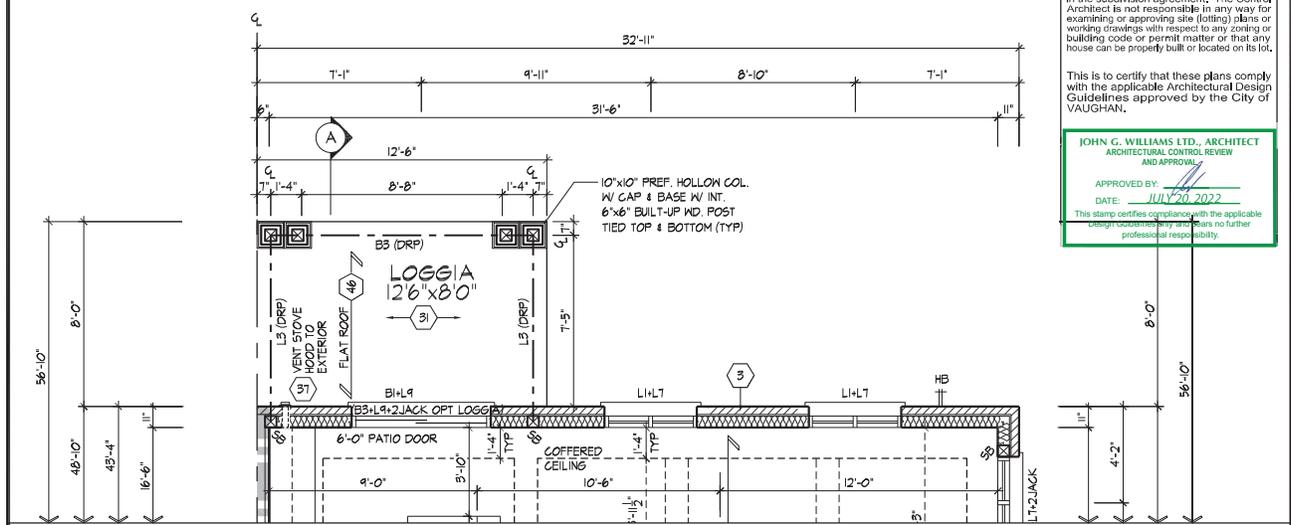
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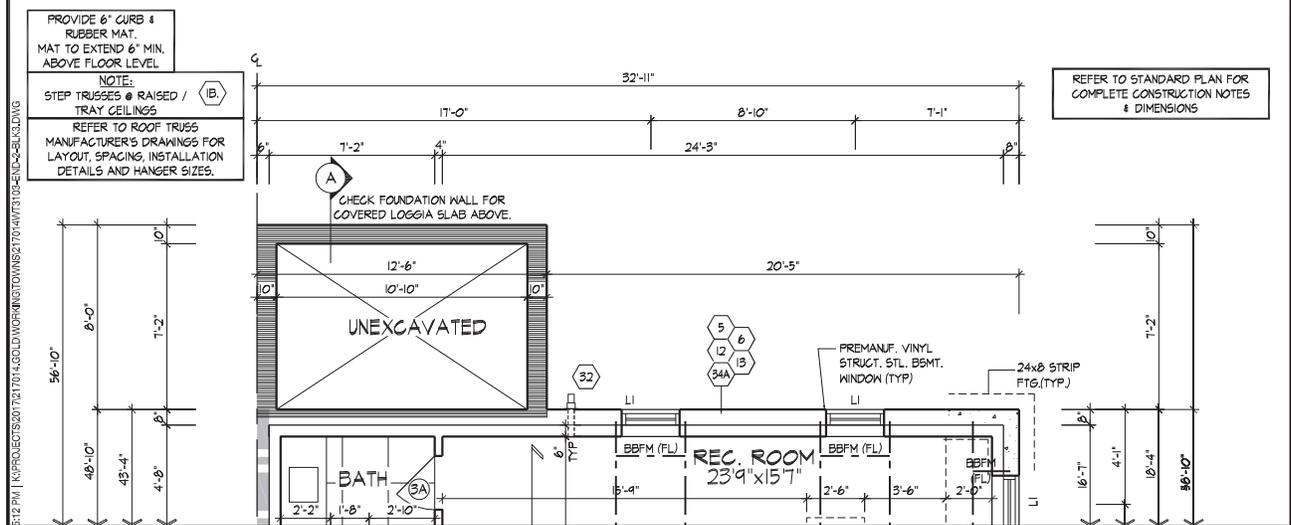
JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL

APPROVED BY: _____
DATE: JULY 20, 2022

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GROUND FLOOR PLAN, ELEV. 'B' W/ LOGGIA - BLOCK 3



BASEMENT PLAN, ELEV. 'B' W/ LOGGIA - BLOCK 3

4-BEDROOM IS STANDARD

PROVIDE 6" CURB & RUBBER MAT. MAT TO EXTEND 6" MIN. ABOVE FLOOR LEVEL.

NOTE:
STEP TRUSSES @ RAISED / TRAY CEILINGS

REFER TO ROOF TRUSS MANUFACTURER'S DRAWINGS FOR LAYOUT, SPACING, INSTALLATION DETAILS AND HANGER SIZES.

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THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

QUALIFICATION INFORMATION
Allan Whiting 23177
REGISTRATION INFORMATION
HUNT DESIGN ASSOCIATES INC. 19695

HUNT DESIGN ASSOCIATES INC.
www.huntdesign.ca

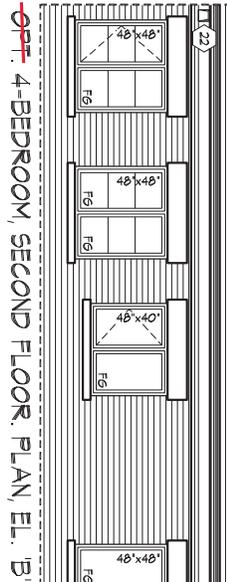
FLOOR PLANS, ELEV. 'B' W/ LOGGIA - BLOCK 3

GOLDPARK HOMES - 217014 **3103-END-2-BLOCK 3**
PINE VALLEY TOWNS, VAUGHAN ON **REV.2022.07.11**

Drawn By: BB Checked By: AW Scale: 3/16"=1'-0" File Number: 217017WT3103-END-BLK3 Page Number: 6 of 14

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SPATIAL CALCULATION
PER Q.C. TABLE 8.10.5.4

REAR ELEVATION 'B'

EXPOSING BUILDING	688.58	S.F.
FACE AREA	62.20	S.M.
POSITIONAL AREA	688.58	S.F.
TOTAL AREA	62.20	S.M.

SPATIAL CALCULATION
PER Q.C. TABLE 8.10.5.4

ALT. REAR ELEVATION 'B'

EXPOSING BUILDING	688.58	S.F.
FACE AREA	62.20	S.M.
POSITIONAL AREA	688.58	S.F.
TOTAL AREA	62.20	S.M.

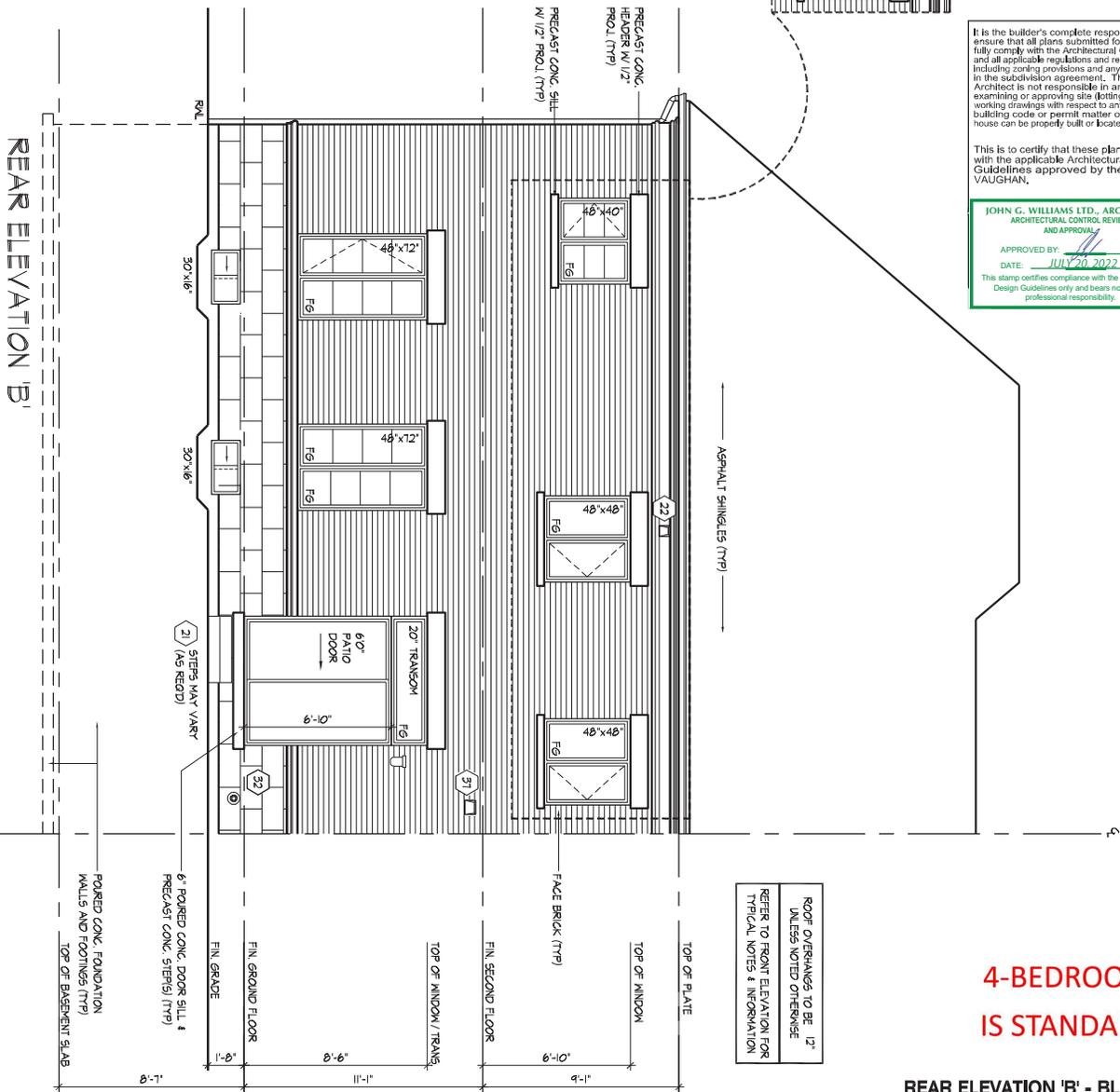
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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL

APPROVED BY: *[Signature]*
DATE: JULY 20, 2022

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4-BEDROOM IS STANDARD

REAR ELEVATION 'B' - BLOCK 3

AW:HW:JUL11.122.0512 PM | K:\PROJECTS\2017\217014\3103-END-2-BLOCK3\DRAWING

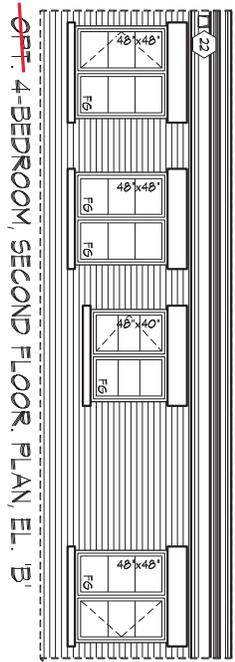
THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFYING AND NEEDS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

QUALIFICATION INFORMATION
 Allan Whiting 23177
 B.C.N.

REGISTRATION INFORMATION
 HUNT DESIGN ASSOCIATES INC. 19695



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SPATIAL CALCULATION
PER O.C. TABLE 3.10.1.5.4

REAR ELEVATION 'B'

EXPOSING BUILDING	689.59	S.F.
FACE AREA	67.20	S.M.
PORTION WALL AREA	689.59	S.F.
TOTAL PERCENTAGE	67.20	S.M.
GLAZED AREA CALCULATED BY FRAME SIZE	34	S.F.
MINUS 7' AROUND SHIRE PERIMETER		

SPATIAL CALCULATION
PER O.C. TABLE 3.10.1.5.4

ALT. REAR ELEVATION 'B'

EXPOSING BUILDING	689.59	S.F.
FACE AREA	67.20	S.M.
PORTION WALL AREA	689.59	S.F.
TOTAL PERCENTAGE	67.20	S.M.
GLAZED AREA CALCULATED BY FRAME SIZE	34	S.F.
MINUS 7' AROUND SHIRE PERIMETER		

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JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW AND APPROVAL

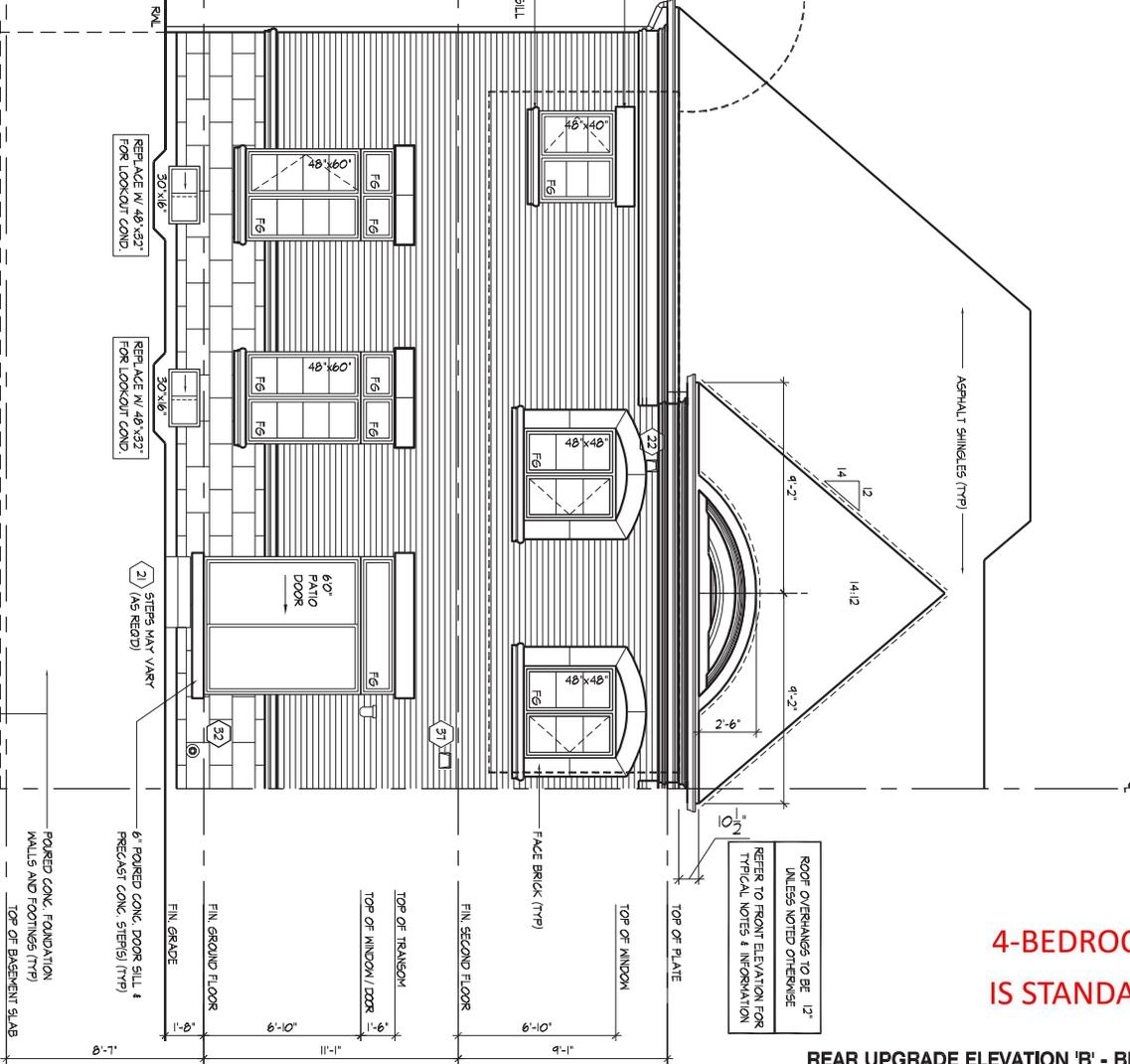
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DATE: JULY 20, 2022

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REAR UPGRADE ELEVATION 'B' - BLOCK 3- LOT 1

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4-BEDROOM IS STANDARD

ROOF OVERHANGS TO BE 12" UNLESS NOTED OTHERWISE. REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION.

REAR UPGRADE ELEVATION 'B' - BLOCK 3

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND LICENSING REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

QUALIFICATION INFORMATION
Allan Whiting 23177
B.C.Q. No. 11112

REGISTRATION INFORMATION
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www.huntdesign.ca

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON

Drawn By: BB
Checked By: AW
Scale: 3/16"=1'-0"

3103-END-2-BLOCK 3
REV.2022.07.11

File Number: 217017WT3103-END-BLK3
Page Number: 10 of 14

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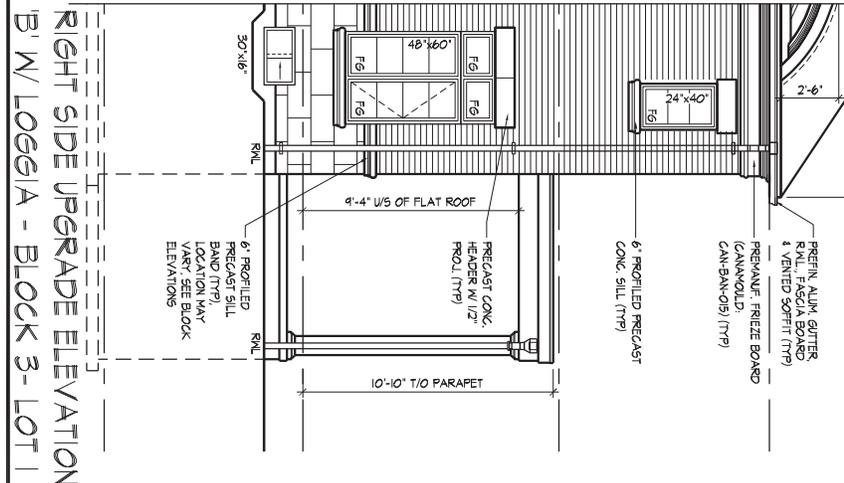
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JOHN G. WILLIAMS LTD., ARCHITECT
 ARCHITECTURAL CONTROL REVIEW
 AND APPROVAL

APPROVED BY: [Signature]
 DATE: **JULY 20, 2022**

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SPATIAL CALCULATION
 PERIOD: TABLE 5.10.15.4

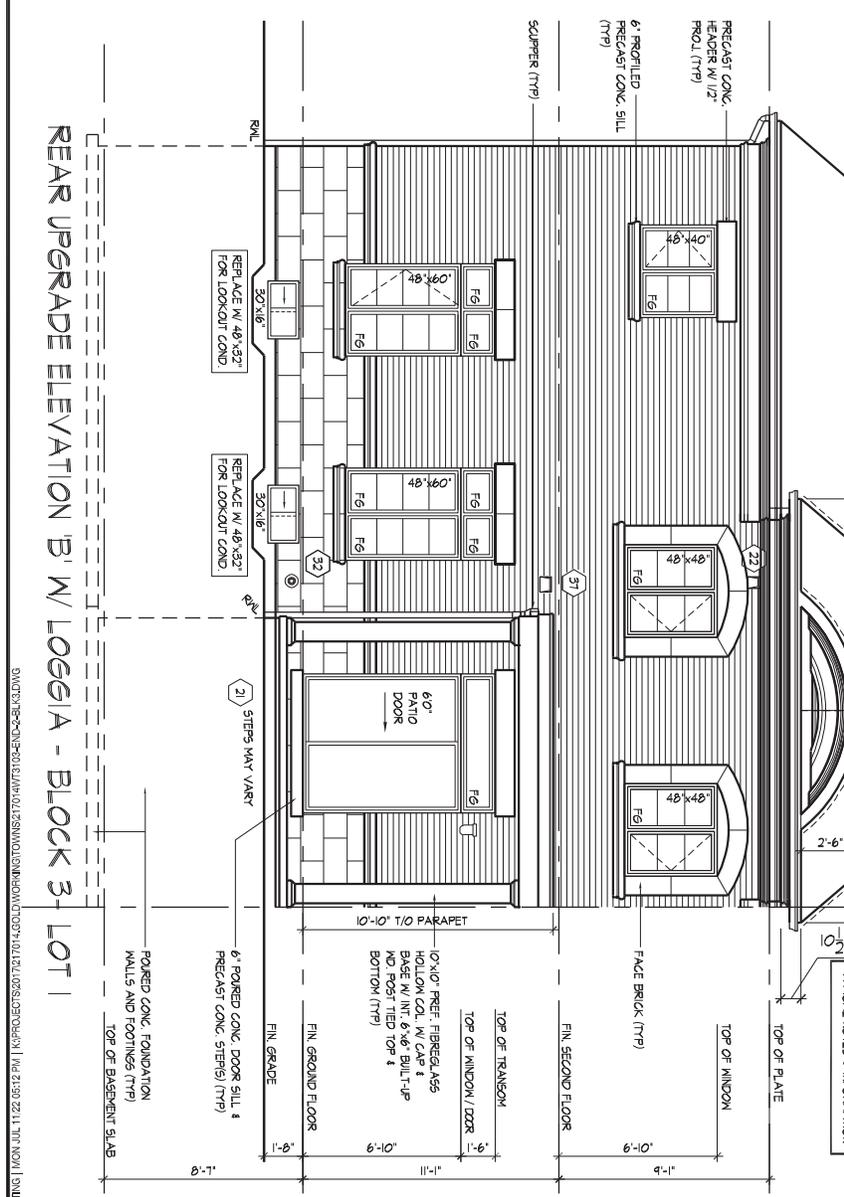
REAR ELEVATION 'B'

EXPLODING BUILDING	EQ:326	SF:
FACE AREA	62.20	S.M.
PORTION WALL AREA	62.20	S.M.
LIFTING DISTANCE	34	%
MAX. % OPENINGS	0.00	%
WINDOW DOOR FRAME SIZE (SQ. FT.)	0.00	S.F.
GLAZED AREA CALCULATED W/ FRAME SIZE	0.00	S.F.
MINUS 2' AROUND ENTIRE PERIMETER	0.00	S.F.

SPATIAL CALCULATION
 PERIOD: TABLE 5.10.15.4

A.I.T. REAR ELEVATION 'B'

EXPLODING BUILDING	EQ:326	SF:
FACE AREA	62.20	S.M.
PORTION WALL AREA	62.20	S.M.
LIFTING DISTANCE	34	%
MAX. % OPENINGS	0.00	%
WINDOW DOOR FRAME SIZE (SQ. FT.)	0.00	S.F.
GLAZED AREA CALCULATED W/ FRAME SIZE	0.00	S.F.
MINUS 2' AROUND ENTIRE PERIMETER	0.00	S.F.



4-BEDROOM IS STANDARD

RIGHT SIDE & REAR UPGRADE ELEVATION 'B' W/ LOGGIA - BLOCK 3

GOLDPARK HOMES - 217014 **3103-END-2-BLOCK 3**
PINE VALLEY TOWNS, VAUGHAN ON **REV.2022.07.11**

Drawn By: **BB** Checked By: **AW** Scale: **3/16"=1'-0"** File Number: **217017WT3103-END-BLK3** Page Number: **10A of 13**

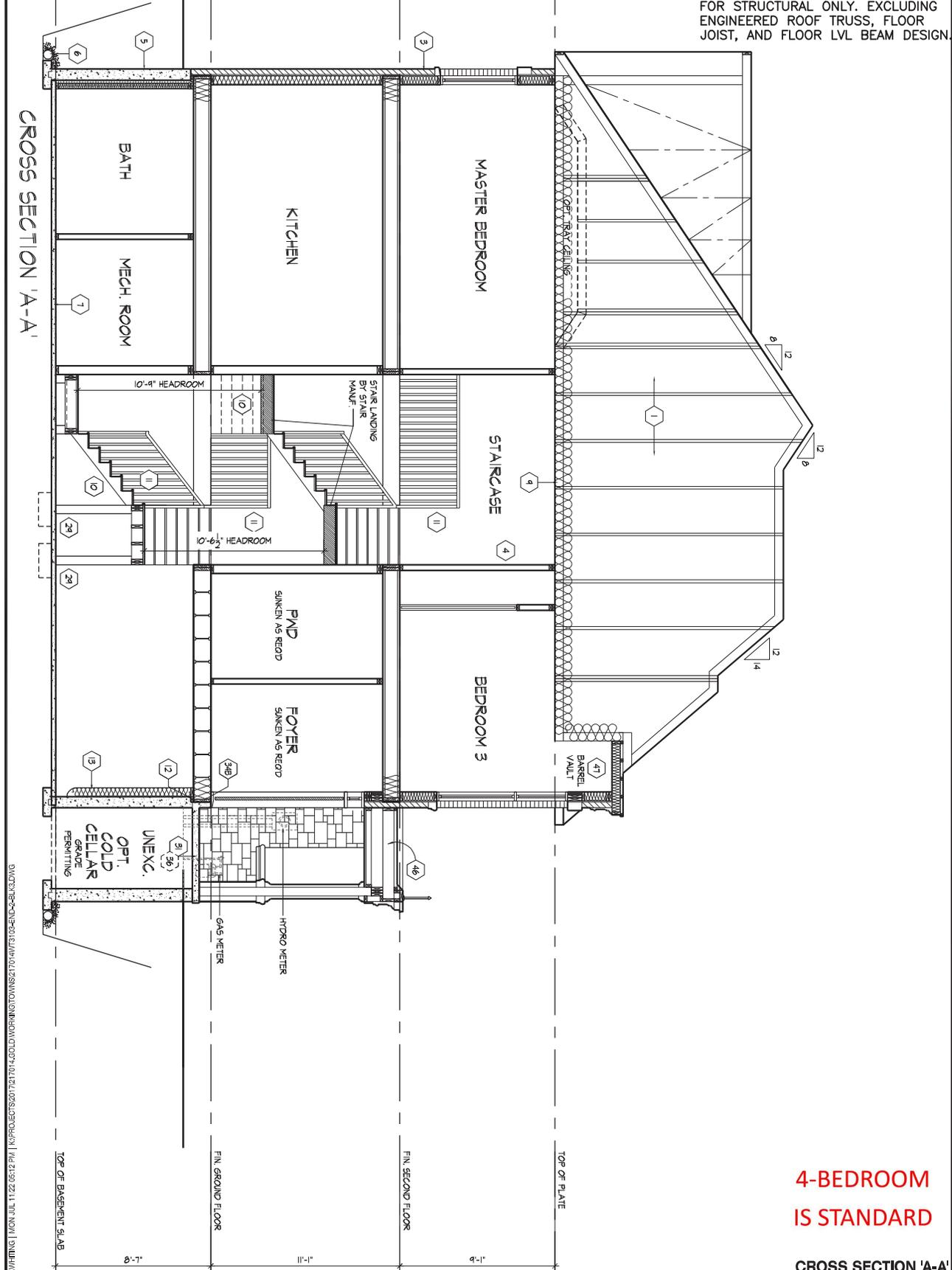
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wsp
 100 COMMERCE VALLEY C. W.
 THORNHILL, ONTARIO CANADA L3T 0A1
 TEL: 1-905-882-4211 FAX: 1-905-822-0055 WWW.WSPGROUP.CA

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



**4-BEDROOM
 IS STANDARD**

CROSS SECTION 'A-A'

AW/HHN | MON JUL 11 22 05:12 PM | K:\PROJECTS\2017\217014\GOLDPARK\WORKING\TOWNSHIP\217014\713\05-ENCL-2-2-BLOCK3.DWG

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.
 QUALIFICATION INFORMATION
 Allan Whiting  23177
 REG. NO. BCIN
 REGISTRATION INFORMATION
 HUNT DESIGN ASSOCIATES INC. 19695

HUNT DESIGN ASSOCIATES INC.
 DESIGN ASSOCIATES INC.
 www.hunt-design.ca

GOLDPARK HOMES - 217014
 PINE VALLEY TOWNS, VAUGHAN ON
 Drawn By: BB
 Checked By: AW
 Scale: 3/16"=1'-0"
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3103-END-2-BLOCK 3
 REV.2022.07.11
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 Page Number: 12 of 14

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SECTION 1.0, CONSTRUCTION NOTES

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.

- 1 ROOF CONSTRUCTION** (9.19, 9.23.13, 9.23.15.)
NO. 120 (1025 KG/M2) ASPHALT SHINGLES, 3/8" (9.5) PLYWOOD SHEATHING WITH #4 CLIPS, APPROVED WOOD TRUSSES @ 24" (610) O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 2" (51) BEYOND ROOF AND MIN. 12" (305) BEYOND INNER FACE OF EXTERIOR WALL, 2x4(38x89) TRUSS BRACING @ 6'-0" (1830) O.C. AT BOTTOM CHORD, PREFIN, ALUM. EAVESTROUGH, FASCIA, RVL, & VENTED SOFFIT, ATTIC VENTILATION 1:300 OF INSULATED CEILING (MIN. 25% OF OPENING) & OPENINGS LOCATED AT BOTTOM OF SPACE & MIN. 25% OF REQUIRED OPENINGS LOCATED AT BOTTOM OF SPACE, EAVESTROUGH TO BE 4" MIN. WITH RVL DISCHARGING ONTO CONCRETE SPLASH PADS OR PER MUNICIPAL REQUIREMENTS, TOWNHOUSES TO HAVE 5" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG EAVESTROUGH AND DOWN RVL.
- 1A ICE AND WATER SHEILD**
PROVIDE ICE AND WATER SHEILD IN THE AREAS DESIGNATED, THE ICE AND WATER SHEILD SHALL BE A SELF ADHERING AND SELF SEALING MEMBRANE, SIDE LAPS SHALL BE A MINIMUM 3 1/2" (90) AND END LAPS A MINIMUM 6" (152), AND TO EXTEND UP CORNER WALLS A MINIMUM 12" (305).
- 1B PROFILED ROOF TRUSSES**
ROOF TRUSSES SHALL BE PROFILED AND/OR STEPPED AT RAISED COFFER/TRAY CEILING, ANGLED TRAY CEILING WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD.
- 2 SIDING WALL CONSTRUCTION (2x6)**
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 FIBERGLASS SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3,1.1) (REFER TO 35 NOTE AS REQ.)
- 2A SIDING WALL CONSTRUCTION (2x6) W/ CONTIN. INSULATION**
SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS ON APPROVED AIR/WATER BARRIER AS PER O.B.C. 9.23.2.3, ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE 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 FIBERGLASS SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3,1.1) (REFER TO 35 NOTE AS REQ.)
- 2B 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 ON STUDS CONFORMING TO O.B.C. (9.23.10.1), & SECTION 1.1., 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH, (GYPSUM SHEATHING, RIGID INSULATION AND FIBERGLASS SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3,1.1) (REFER TO 35 NOTE AS REQ.)
- 3 BRICK VENEER WALL CONSTRUCTION (2x6)**
3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8"x7/8"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 9.20.8, ON APPROVED SHEATHING PAPER, 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 AIR/VAPOUR BARRIER WITH APPROVED CONT. 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) BEHIND BUILDING PAPER (9.20.13.6), (REFER TO 35 NOTE AS REQUIRED)
- 3A BRICK VENEER WALL CONSTRUCTION (2x6) W/ CONTIN. INSULATION**
3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8"x7/8"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 9.20.8, 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., INSULATION AND 6 MIL. POLYETHYLENE AIR/VAPOUR BARRIER WITH APPROVED CONT. 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) BEHIND BUILDING PAPER (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"x7/8"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 9.20.8, 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 MIN. 6" (150) MIN. BEHIND BUILDING PAPER (9.20.13.6), (REFER TO 35 NOTE AS REQ.)
- 4 INTERIOR STUD PARTITIONS** (9.23.9.8, 9.23.10)
STUDY PARTITIONS SHALL BE A MINIMUM 2x4" (38x89) @ 16" (400) O.C. FOR 2 BEARING AND 12" (305) O.C. FOR 3 STOREY NON-BEARING PARTITIONS 2x4" (38x89) @ 24" (610) O.C. PROVIDE 2x4" (38x89) BOTTOM PLATE AND 2x2x4" (2x38x89) TOP PLATE, 1/2" (12.7) INT. DRYWALL BOTH SIDES OF STUDS, PROVIDE 2x6" (38x140) STUDS WHERE NOTED, PROVIDE 2x4" (38x89) @ 24" (610) O.C. LADDER FRAMING WHERE WALLS INTERSECT PERPENDICULAR TO ONE ANOTHER, PROVIDE 2x4" (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 (2x6) - 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 (2x6) NO CLADDING W/ CONTINUOUS INSULATION**
APPROVED AIR/WATER BARRIER AS PER O.B.C. 9.23.2.3, ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED) MECHANICALLY FASTENED AS PER MANUFACTURERS 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.)
- 5 FOUNDATION WALL FOOTINGS**
POURED CONC. FOUNDATION WALL AS PER CHART BELOW ON CONTINUOUS KEYED CONCRETE FOOTING, FOUNDATION WALLS SHALL EXCEED 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 OF THE 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, 8" (200) FOUNDATION WALL PER FOOTING, 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, ENGINEERED FOOTINGS ARE REQUIRED, ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL ENGINEERING REPORT.
REFER TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION WALL STRENGTH AND THICKNESS AND 9.15.4.
FOUNDATION WALLS SHALL NOT EXCEED 9'-10" (3.00m) IN UNSUPPORTED HEIGHT UNLESS OTHERWISE NOTED. (9.15.4.2-1.1)

MAX. HEIGHT FROM FIN. SLAB TO GRADE	UNSUPPORTED AT TOP		SUPPORTED AT TOP	
	W	T	W	T
10' (3050)	12" (305)	12" (305)	12" (305)	12" (305)
12' (3650)	14" (355)	14" (355)	14" (355)	14" (355)
14' (4250)	16" (405)	16" (405)	16" (405)	16" (405)
16' (4850)	18" (455)	18" (455)	18" (455)	18" (455)
18' (5450)	20" (505)	20" (505)	20" (505)	20" (505)
20' (6050)	22" (555)	22" (555)	22" (555)	22" (555)
22' (6650)	24" (605)	24" (605)	24" (605)	24" (605)
24' (7250)	26" (655)	26" (655)	26" (655)	26" (655)
26' (7850)	28" (705)	28" (705)	28" (705)	28" (705)
28' (8450)	30" (755)	30" (755)	30" (755)	30" (755)
30' (9050)	32" (805)	32" (805)	32" (805)	32" (805)

*9" MIN. THICK FOUNDATION WALL IS REQUIRED FOR MASONRY VENEER 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., & 9.23.8.1. OF THE O.B.C.

MINIMUM STRIP FOOTING SIZES (9.15.3)

NUMBER OF SUPPORTED FLOORS	SUPPORTING MASONRY WALLS	SUPPORTING EXTERIOR PARTIAL WALLS
1	16" WIDE x 8" THICK	10" WIDE x 8" THICK
2	24" WIDE x 8" THICK	20" WIDE x 8" THICK
3	32" WIDE x 14" THICK	28" WIDE x 8" THICK

- 6A FOUNDATION REDUCTION IN THICKNESS FOR MASONRY**
WHERE THE TOP OF THE FOUNDATION WALL IS REDUCED IN THICKNESS TO PERMIT THE INSTALLATION OF MASONRY EXTERIOR FINISH, THE REDUCED SECTION SHALL BE NOT LESS THAN 3 1/2" (90) THICK, THE BRICK VENEER SHALL BE TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES @ 7'-8" (200) VERTICAL AND 2'-11" (889) HORIZONTAL, FILL VOID WITH MORTAR BETWEEN WALL AND BRICK VENEER (9.15.4.7(2)(c) & 9.23.9.3(4)(3))
- 6B 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)
6" (100) Ø WEEPING TILE W/ FILTER CLOTH WRAP & 6" (150) CRUSHED STONE COVER
- 7 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 DAMPROOFING BELOW SLAB, PROVIDE 1/2" (12.7) IMPERVIOUS BOARD FOR BOND BREAK AT EDGE, WHERE A BASEMENT SLAB IS WITHIN 24" (610) OF THE EXTERIOR GRADE, PROVIDE RIGID INSUL. AROUND THE PERIMETER EXTERIOR 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)
- 8 EXPOSED FLOOR TO EXTERIOR** (9.10.17.10, & CANULC-5705.2)
PROVIDE SPRAY FOAM INSULATION BETWEEN CANT, JOIST AND INSTALL OSB CONFORMING TO 9.23.9.3, FIN. SOFFT OR CLADDING AS PER ELEVATION TO US OF EXPOSED CANT, JOIST.
- 9 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/ ATTIC**
JOISTS TRUSSES AS PER PLANS W/ 2x2" (38x89) PURLINS @ 16" (400) 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. (CANULC-5705.2, 9.18.1, 9.10.17.10)
- 10 ALL STAIRS/EXTERIOR STAIRS** (9.8.1.2, 9.8.2, 9.8.4)

MIN. RUN	MIN. RISE	MIN. TREAD	MIN. RISE	MIN. RISE	MIN. RISE
1000	75	10	7.5	10	7.5
1100	80	11	8	11	8
1200	85	12	8.5	12	8.5
1300	90	13	9	13	9
1400	95	14	9.5	14	9.5
1500	100	15	10	15	10

AVERAGE RUN OF STAIRS TO BE MEASURED AT A POINT 300mm FROM THE CENTERLINE OF INSIDE HANDRAIL, (9.8.4.1)
** 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 2' (610) FOR SINGLE DWELLING UNIT & 6'-8" (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.

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. 9.8.8.4
EXTERIOR GUARDS: 2'-11" (900) MIN.
INTERIOR GUARDS: 2'-11" (900) MIN. (LESS THAN 5'-11" (1800) TO GRADE)
GUARDS FOR EXIT STAIRS: 2'-6" (780) MIN. (MORE THAN 5'-11" (1800) TO GRADE)
GUARDS FOR LANDINGS @ EXIT STAIRS: 2'-6" (1070) MIN.
GUARDS FOR FLOORS & RAMPS IN GARAGES (SERVICE STAIRS)
FLOOR OR RAMP W/ EXTERIOR WALLS THAT IS 23' 5/8" (600) OR MORE ABOVE ADJACENT SURFACE REQUIRES CONT. CURB MIN. 6" (150) HIGH, AND GUARD MIN. 2'-0" (1070) HIGH.
REQUIRED GUARDS
BETWEEN WALKING SURFACE & ADJACENT SURFACE WITH A DIFFERENCE IN ELEVATION MORE THAN 23' 5/8" (600) OR ADJACENT SURFACE WITHIN 3'-11" (1200) & WALKING SURFACE W/ A SLOPE MORE THAN 1 IN 12 SHALL BE PROTECTED WITH GUARDS PER O.B.C. 9.8.8.2.1
HANDRAIL HEIGHTS - O.B.C. 9.8.7 - REQUIRED AS PER 9.8.7.1.2.1)
MIN. HEIGHT AT STAIRS, RAMP AND LANDINGS: 2'-6" (850) MIN. HEIGHT AT STAIRS, RAMP AND LANDING: 3'-0" (910)

12 SILL PLATES
2x4" (38x89) SILL PLATE WITH 1/2" (12.7) ANCHOR BOLTS @ 30" (LONG) EMBEDDED MIN. 4" (100) INTO CONC. @ 4'-11" (1220) O.C. CALLING OUT GASKET BETWEEN PLATE AND TOP OF FOUNDATION WALL, USE NON-SHRINK GROUT TO LEVEL SILL PLATE WHEN REQUIRED (9.23.7)

13 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 6" (200) ABOVE FINISHED BASEMENT FLOOR, DAMPROOFING SHEATHING PAPER BETWEEN THE FOUNDATION WALL AND INSULATION UP TO GRADE LEVEL.

14 BEARING STUD PARTITION IN BASEMENT (9.15.3.6, 9.23.10.1)
2x4" (38x89) STUDS @ 16" (400) O.C. 2x4" (38x89) SILL PLATE 2x6" (38x140) AS REQUIRED) ON DAMPROOFING MATERIAL, OR 2 MIL. POLYETHYLENE FILM, 1/2" (12.7) Ø ANCHOR BOLTS @ 20" (LONG) EMBEDDED 4" (100) MIN. INTO CONC. @ 7'-10" (2300) O.C. @ 1100 HIGH CONC. CURB ON CONC. FOOTING, FOR SIZE REFER TO CHART BELOW FOR HORIZ. BLOCKING AT MIN. HEIGHT IF WALL IS UNFINISHED.

15 ADJUSTABLE STEEL BEAM COLUMN (9.15.3.4)
9'-11" (3000) MAX. SPAN BETWEEN COLUMNS, 3 1/2" (90) SINGLE TUBE ADJUSTABLE STEEL COLUMN CONFORMING TO CAN/CSS-7.2M, AND WITH 6"x6"x3/8" (152x152x9.5) STEEL PLATE TOP & BOTTOM, FIELD WELD BASEMENT COLUMN CONNECTION, POURED 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 34x34x16" (870x870x410) CONC. FOOTING
SUPPORTING 3 STOREY FLR, LOAD PROVIDE 40x40x19" (1000x1000x480) CONC. FOOTING

15A NON-ADJUSTABLE STEEL BEAM COLUMN
3 1/2" (90) Ø x 18'-8" (478) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x9.5) STEEL PLATE TOP & BOTTOM, BOTTOM PLATE C/W 2 1/2"x12" LONG 2x2" HOOK ANCHORS, FIELD WELD BASEMENT COLUMN CONNECTION, POURED 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 42x42x18" (1070x1070x460) CONC. FOOTING
SUPPORTING 3 STOREY FLR, LOAD PROVIDE 48x48x24" (1200x1200x610) CONC. FOOTING

15B NON-ADJUSTABLE STL. COLUMN AT FOUNDATION WALL
3 1/2" (90) Ø x 18'-8" (478) NON-ADJUSTABLE STEEL COLUMN WITH 6"x6"x3/8" (152x152x9.5) STEEL TOP PLATE & 6"x6"x3/8" (152x100x9.5) BOTTOM PLATE, BASE PLATE 4-1/2"x10x1/2" (120x250x12.7) WITH 2 - 1/2"x12" LONG 2x2" HOOK ANCHORS 2 - 1/2"x10x5/16" FIELD WELD COLUMN TO BASE PLATE & STEEL BM.

16 STEEL BEAM BEARING AT FOUNDATION WALL (9.23.3.1)
BEAM POCKET OR 8x8" (200x200) POURED CONC. NEW WALLS, MIN. BEARING 1 1/2" (38) CONC. NEW WALLS TO HAVE UNPAID FOOTINGS

17 WOOD STRAPPING AT STEEL BEAMS (9.23.3.1.3) 9.23.9.3)
1x3" (19x64) CONTIN. WOOD STRAPPING BOTH SIDES OF STEEL BEAM.

18 GARAGE SLAB (9.16, 9.15)
4" (100) 30MPa (4600psi) CONC. SLAB WITH 50% AIR ENTRAINMENT ON OPT. @ 100 COARSE GRANULAR FILL WITH COMPACTED SUB-BASE OR COMPACTED NATIVE FILL, SLOPE TO FRONT @ 1% MIN.

19 GARAGE TO HOUSE WALLS/CEILING (9.10.9.16)
1/2" (12.7) GYPSUM BOARD ON WALL AND CEILING BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS AND SPRAY FOAM FOR CEILING, TAPE AND SEAL ALL JOINTS GAS TIGHT, (9.10.17.10, CANULC-5705.2)

19A GARAGE TO HOUSE WALLS/CEILING W/ CONTIN. INSULATION
1/2" (12.7) GYPSUM BOARD ON CEILING AND ON WALLS INSTALLED OVER EXTERIOR TYPE RIGID INSULATION MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS ON 3/8" EXTERIOR GRADE SHEATHING ON STUDS BETWEEN HOUSE AND GARAGE, PLUS REQUIRED INSULATION IN WALLS & SPRAY FOAM FOR CEILING, TAPE AND SEAL ALL JOINTS GAS TIGHT, (9.10.9.16, 9.10.17.10, CANULC-5705.2)

- 20 GARAGE DOOR TO HOUSE** (9.10.9.16, 9.10.13.10, 9.10.13.15)
GAS-PROOF DOOR AND FRAME, DOOR EQUIPPED WITH SELF-CLOSING DEVICE AND WEATHER STRIPPING.
- 21 EXTERIOR AND GARAGE STEPS**
PRECAST CONC. STEP OR WOOD STEP WHERE NOT EXPOSED TO WEATHER, MAX. RISE 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 9.9.9.2, OR SHALL BE CAN/CULC-5705.2 PER SUBSECTION 9.8.10.
- 22 DRYER EXHAUST**
CAPPED DRYER EXHAUST VENTED TO EXT. CONFORMING TO PART 6, OBC 9.32.
- 23 ATTIC ACCESS** (9.19.2.1)
ATTIC ACCESS HATCH WITH MIN. AREA OF 0.32m2 AND NO DIM. LESS THAN 21" (535) WITH WEATHER STRIPPING, HATCHWAYS TO THE ATTIC OR ROOF SPACE WILL BE FITTED WITH DOORS OR COVERS AND WILL BE INSULATED WITH MIN. R20 (R31.52) (SB-12) 3.1.1.8(1))
- 24 FIREPLACE CHIMNEYS** (9.2.1)
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.
- 25 LINEN CLOSET**
PROVIDE 4 SHELVES MIN. 14" (356) DEEP.
- 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.
- 27 PARTY WALL BEARING** (9.23.8)
12x12x6" (305x305x153) STEEL PLATE FOR STEEL BEAMS AND 12x12x12" (305x305x127) STEEL PLATE FOR WOOD BEAMS BEARING MIN. 3'-1/2" (89) ON CONC. BLOCK PARTY WALL, ANCHORED WITH 2'-4" (219) x 8" (200) LONG GALV. ANCHORS WITHIN SOLID BLOCK COURSE, LEVEL W/ NON-SHRINK GROUT, REFER TO NOTE SOLID BEARING (SECTION 3.0) FOR WOOD STUD PARTY WALL.
- 28 WOOD FRAMING IN CONTACT TO CONCRETE**
WOOD BEARING WALLS, THE UNDERSIDE OF BUILT-UP WOOD POSTS AND SILLS SHALL BE WRAPPED WITH 2 MIL. POLY. STRIP FOOTINGS SUPPORTING THE FOUNDATION WALL SHALL BE MINERED (152) BELOW THE BEARING WALL AND/OR WOOD POST, (9.17.4.3).
- 29 BUILT-UP WOOD POST AND FOOTING** (9.17.4.1, 9.15.3.7)
3-2x6" (38x140) BUILT-UP WOOD POST, UNLESS OTHERWISE NOTED, ON METAL BASE SHOE ANCHORED TO CONC. WITH 1/2" (12.7) Ø BOLT, 2x4x2x4x12" (610x610x305) CONC. FOOTING OR AS PROVIDED ON PLAN, REFER TO NOTE 28
- 30 STEP FOOTINGS** (9.15.3.3)
MIN. HORIZ. STEP = 23 5/8" (600), MAX. VERT. STEP = 23 5/8" (600).
- 31 CONC. PORCH SLAB** (9.16.4)
MIN. 4" (100) CONCRETE SLAB ON GRADE ON 4" (100) COARSE GRANULAR FILL, REINFORCED WITH 6x6xw2.3x9x2.3 MESH PLACING BAR MID-DEPTH OF SLAB, CONC. STRENGTH 32MPa (4640psi) WITH 50% AIR ENTRAINMENT ON COMPACTED NATIVE SUB-GRADE.
- 32 FURNACE VENTING** (9.32.3)
DIRECT VENT FURNACE TERMINAL MIN. 3'-0" (610) 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.
- 33 FIREPLACE VENTING** (9.32.3)
DIRECT VENT GAS FIREPLACE VENT TO BE A MIN. 12" (305) FROM ANY OPENING AND ABOVE FIN. GRADE, REFER TO GAS UTILIZATION CODE.
- 34 FLOOR FRAMING** (9.23.3.5, 9.23.3.4, 9.23.14)
T&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 2x2" (38x38) CROSS BRACING OR SOLID BLOCKING @ 6'-11" (2108) O.C. MAX. ALL JOISTS TO BE STRAPPED WITH 1x2" (19x64) @ 6'-11" (2108) O.C. UNLESS A PANEL TYPE CEILING FINISH IS APPLIED.
- 34A 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" (150) BELOW THE TOP OF FOUNDATION WALL AND WILL BE SEALED TO THE CONCRETE FOUNDATION WALL, EXTEND HEADER WRAP 6" (150) 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.
- 35 EXPOSED BUILDING FACE w/ LIMITING DISTANCE <= 3'-11" (1.20m)**
WALL ASSEMBLY CONTAINS INSULATION CONFORMING TO CANULC-5705.2 & HAVING A MASS OF NOT LESS THAN 1.22 KG/M2 OF WALL SURFACE AND 1/2" (12.7) TYPE X GYPSUM WALLBOARD INTERIOR FINISH, EXTERIOR CLADDING MUST BE NON-COMBUSTIBLE WHEN LIMITING DISTANCE IS 23' 5/8" (600) OR LESS, WALL ASSEMBLY REQUIRES TO HAVE A FIRE RESISTANCE RATING OF NOT LESS THAN 45 MIN. AND CONFORMING TO O.B.C. 9.10.14, OR 9.10.15., REFER TO DETAILS FOR TYPE & SPECS. ** AN OPENING IN AN EXPOSING BUILDING FACE NOT MORE THAN 20' (610) 1/300" SHALL NOT BE CONSIDERED AN UNPROTECTED OPENING AS PER 9.14.4.
- 36 COLD CELLAR PORCH SLAB** (9.30)
FOR MAX. 9'-2" (2800) PORCH DEPTH 3" (127) 32 MPa (4640psi) CONC. SLAB W/ 38% AIR ENTRAINMENT, REINF. WITH 10M BARS @ 7'-8" (2300) 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, EPS-3000 DIR. 2x2x24" (610x610x10) 10M DOWELS @ 23 5/8" (600) O.C., ANCHORED IN FOUND. RND. WALLS, SLOPE SLAB 1/8% FROM DOOR.
- 37 RANGING HOODS AND RANGE-TOP FANS**
COOKING APPLIANCE EXHAUST FANS VENTED TO EXTERIOR MUST CONFORM TO OBC 9.10.22, 9.32.9.3, & 9.32.3.10.
- 38 CONVENTIONAL ROOF FRAMING** (9.23.13, 9.23.15)
2x4" (38x140) RAFTERS @ 16" (400) O.C. 2x6" (38x140) RIDGE BOARD, 2x4" (38x89) COLLAR TIES AT MID-SPAN, CEILING JOISTS TO BE 2x4" (38x89) @ 16" (400) O.C. FOR MAX. SPAN 9'-3" (2819) SPAN & 2x6" (38x140) @ 16" (400) O.C. FOR MAX. SPAN 14'-7" (4450). RAFTERS FOR BUILT UP ROOF OVER PRE-ENGINEERED ROOF TRUSSES, OR CONVENTIONAL FRAMING TO BE 2x4" (38x89) @ 24" (610) O.C. UNLESS OTHERWISE SPECIFIED.

4-BEDROOM IS STANDARD



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

CONSTRUCTION NOTES 1

GOLDPARK HOMES - 217014 3103-END-2-BLOCK 3
PINE VALLEY TOWNS, VAUGHAN ON REV.2022.07.11

Drawn By: **BB** Checked By: **AW** Scale: **3/16"=1'-0"** File Number: **217017W3103-0ND-BLK3** Page Number: **13 of 14**

DATE: **09/07/2022** REGISTRATION INFORMATION: **19695**

HUNT DESIGN ASSOCIATES INC.
100 COMMERCIAL VALLEY DR. W. THORNHILL ONTARIO CANADA L3T 0A1 TEL: 1-905-882-4115 FAX: 1-905-882-0559 WWW.HSPGROUP.CA

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cont. SECTION 1.0. CONSTRUCTION NOTES

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

WALL ASSEMBLY	WIND LOADS	<= 0.5 kPa (g50)		> 0.5 kPa (g50)	
		SPACING	MAX HEIGHT	SPACING	MAX HEIGHT
BRICK	2-2x6" (2-38x144) SPR.#2	12" (305) O.C.	18'-4" (5588)	8" (200) O.C.	18'-4" (5588)
SIDING	2-2x6" (2-38x144) SPR.#2	16" (406) O.C.	18'-4" (5588)	12" (305) O.C.	18'-4" (5588)
BRICK	2-2x6" (2-38x144) SPR.#2	12" (305) O.C.	21'-0" (6400)	12" (305) O.C.	21'-0" (6400)
SIDING	2-2x6" (2-38x144) 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 STUDS @ 4" (102) O.C. VERTICALLY.

- FOR HORIZ. DISTANCES LESS THAN 9'-4" (2866) PROVIDE 2x6" (51x140) STUDS @ 16" (406) O.C. WITH CONTIN. 2x2x6" (51x86x40) TOP PLATE - 1x2x6" (1x38x140) BOTTOM PLATE & MIN. OF 2x2x6" (51x86x40) CONT. HEADER AT GROUND FLOOR CEILING LEVEL TOP-E-MAILED & GLUED AT TOP, BOTTOM PLATES & HEADERS.

40 1 HR. PARTY WALL (CONC. BLOCK) (SB-3) WALL TYPE 'B' & 'B1' @ 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2x2" (38x38) VERTICAL WD. STRAPPING @ 24" (610) O.C. ON 16" (406) CONC. BLOCK FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GYSSUM. TAPE, FILL & SAND ALL GYPSUM JOINTS, EXPOSED BLOCK MUST BE SEALED W/ COATS OF PAINT OR FURRED WITH 2x2" (38x38) WD. STRAPPING @ 1/2" (12.7) GYPSUM SHEATHING.

40 1 HR. PARTY WALL (DOUBLE STUD) (SB-3) WALL TYPE 'W3-C' 5/8" (15.9) TYPE 'M' GYPSUM SHEATHING ON EXTERIOR SIDE OF 2 ROWS OF 2x4" (38x89) STUDS @ 16" (406) O.C. MIN. 1" (25.4) APART ON SEPARATE 2x4" (38x89) SILL PLATES. (2x6" (38x140) AS REQUIRED) FILL ONE SIDE OF STUD CAVITY WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GYSSUM. TAPE, FILL & SAND ALL GYPSUM JOINTS.

40A 2 HR. FIREWALL (SB-3) WALL TYPE 'B' & 'B1' @ 1/2" (12.7) GYPSUM SHEATHING ON EACH SIDE ON 2x2" (38x38) VERTICAL WOOD STRAPPING @ 24" (610) O.C. ON 16" (406) CONC. BLOCK FILL STRAPPING CAVITY EACH SIDE WITH AT LEAST 90% OF ABSORPTIVE MATERIAL PROCESSED FROM ROCK, SLAG OR GYSSUM. TAPE, FILL & SAND ALL GYPSUM JOINTS, AT UNFINISHED AREA, EXTERIOR FACE OF CONC. BLOCK TO BE SEALED W/ 2 COATS OF PAINT. GYPSUM SHEATHING TO BE ATTACHED TO CONC. BLOCK. (REFER TO DETAILS)

41 STUCCO WALL CONSTRUCTION (2x6") 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) DENGLASS GOLD GYPSUM BOARD ON STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1, INSULATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED)

41A STUCCO WALL CONSTRUCTION (2x6") 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 AIRWATER BARRIER AS PER O.B.C. 9.27.4, ON EXTERIOR TYPE RIGID INSULATION (40% UNITS) MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 7/16" EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1, INSULATION, APPROVED 6 MIL. POLYETHYLENE VAPOUR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (REFER TO 35 NOTE AS REQUIRED)

41B STUCCO WALL @ GARAGE CONCT. 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) DENGLASS GOLD GYPSUM BRD. ON 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 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.I.F.S. (MINIMUM) ON APPROVED DRAINAGE MAT ON 1/2" (12.7) DENGLASS GOLD GYPSUM BRD.

42 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)

2-20M BARS IN TOP PORTION OF WALL (8'-0" TO 12'-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.

REINFORCING AT BASEMENT WINDOWS

2-15M HORIZ. REINFORCING ON THE INSIDE AND OUTSIDE FACE OF THE FOUNDATION WALL BELOW THE WIN. SILL, EXTEND BARS 2x (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

43 STUD WALL REINFORCEMENT PROVIDE STUD WALL REINFORCEMENT IN MAIN BATHROOMS CONFORMING TO O.B.C. (9.5.2.3.1) (REFER TO DETAILS)

44 WINDOW WELLS 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 C/W A FILTER CLOTH WRAP AND FILLED WITH CRUSHED STONE, (9.9.10.1, 9.9.14.6.3).

45 SLOPED CEILING CONSTRUCTION (SB-12) 3.1.1.8, 9.23.4.2) 2x12" (38x286) ROOF JOISTS @ 16" (406) O.C. MAX, UNLESS OTHERWISE NOTED W/ 2x2" (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).

46 FLAT ROOF/BALCONY CONSTRUCTION WATERPROOFING MEMBRANE (9.26.11, 9.26.15, 9.26.16) FULLY ADHERED TO 5/8" (15.9) 18G EXTERIOR GRADE PLYWOOD SHEATHING ON 2x2" (38x38) PURLINS ANGLED TOWARDS SCUPPER @ 2% MINIMUM LAID PERPENDICULAR TO 2x6" (38x184) FLOOR JOISTS @ 16" (406) O.C. UNLESS OTHERWISE NOTED, BUILT UP CURB TO BE 4" (100) MIN. ABOVE FINISHED BALCONY FLOOR, CONTINUOUS 'L' TRIM DRIP EDGE TO BE PROVIDED ON OUTSIDE FACE OF CURB, SCUPPER DRAIN TO BE LOCATED 24" (610) MIN. AWAY FROM HOUSE, PRE-FINISHED ALUMINUM OR PANEL FOR UNDERSIDE OF SOFFIT (9.23.3.2), REMOVE CURB WHERE REC.

BALCONY CONDITION SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE, INCLUDE 2x4" (38x89) PT. DECKING W/ 1/4" (6.4) GYSSUM LAID FLAT PARALLEL TO JOISTS ON 2x4" (38x89) PT. SLEEPERS @ 12" (305) O.C. LAID FLAT PARALLEL TO JOISTS

BALCONY OVER HEATED SPACE CONDITION SEE FLAT ROOF/BALCONY CONSTRUCTION NOTE FOR ASSEMBLY, REFER TO PLANS FOR FLOOR JOIST SIZE & REFER TO HEXT NOTE 9 FOR INSULATION AND INTERIOR FINISH

47 BARREL VAULT CONSTRUCTION CANTILEVERED 2x4" (38x89) SPACERS LAID FLAT ON 2x10" (38x235) SPR. #2 ROOF JOIST N/AILED TO BUILT-UP 3-3/4" (19) PLYWOOD HEADER TEMPORAL FOR BARREL, SPRAY FOAM INSULATION BETWEEN JOISTS W/ GYPSUM BOARD, INTERIOR FIN. (REFER TO DETAILS)

4-BEDROOM IS STANDARD

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THE DESIGN AND HAS THE QUALIFIED ENGINEER'S REQUIREMENTS SET OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

QUALIFICATION INFORMATION

NAME: **ALLAN WHITING** REG. NO.: **23177** B.C.N.

REGISTRATION INFORMATION

HUNT DESIGN ASSOCIATES INC. **19695**

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 O.B.C.

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.

MIN. STUD SIZE (in mm)	SUPPORTED LOADS (EXTERIOR)			
	ROOF W/ OR W/O ATTIC	ROOF W/ OR W/O ATTIC & 1 FLOOR	ROOF W/ OR W/O ATTIC & 2 FLOOR	ROOF W/ OR W/O ATTIC & 3 FLOOR
2x4" (38x89)	24" (610)	16" (405)	12" (305)	N/A
2x6" (38x140)	30" (762)	24" (610)	18" (457)	12" (305)
2x8" (38x184)	-	30" (762)	24" (610)	18" (457)

MAX. UNSUPPORTED HGT., 7-6 (in mm)

SECTION 2.0. GENERAL NOTES

2.1. WINDOWS

1) EXCEPT WHERE A DOOR ON THE SAME FLOOR LEVEL AS THE BEDROOM PROVIDES DIRECT ACCESS TO THE EXTERIOR, EVERY FLOOR LEVEL CONTAINING A BEDROOM IS TO HAVE AT LEAST ONE OUTSIDE WINDOW W/ MIN. 0.35m² UNOBSTRUCTED OPEN PORTION W/ NO DIMENSION LESS THAN 1'-3" (380), CAPABLE OF MAINTAINING THE ROOMS WITHOUT THE NEED FOR ADDITIONAL SUPPORT CONFORMING TO 9.9.10.

2) WINDOW GUARDS: A GUARD OR 1" (25.4) WITH A MAXIMUM REINFORCED OPENING WIDTH OF 4" (100) IS REQUIRED, WHERE THE TOP OF THE WINDOW SILL IS LOCATED LESS THAN 1'-7" (480) ABOVE FIN. FLOOR AND THE DISTANCE FROM THE FINISHED FLOOR TO THE ADJACENT GRADE IS GREATER THAN 5'-11" (1800), (9.8.8.1).

3) WINDOWS IN EXIT STAIRWAYS THAT EXTEND TO LESS THAN 2'-11" (800) (3'-4" (1070) FOR ALL OTHER BUILDINGS) SHOULD 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 4.1.5.1.5 OR 9.8.8.2.

4) REFER TO TITLE PAGE FOR MAX. L/VALLE 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'-8"
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	5'-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 HOURS. WHEN A VENTILATION FAN (PRINCIPAL EXHAUST) IS REQUIRED, CONFORM TO 9.5.3.2.4, WHEN A HRV IS REQUIRED, CONFORM TO 9.5.3.3.1, 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 O.B.C.

2.4. LUMBER

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

2) STUDS SHALL BE STUD GRADE SPRUCE, UNLESS NOTED OTHERWISE.

3) LUMBER EXPOSED TO THE EXTERIOR TO BE SPRUCE No. 2 GRADE PRESSURE TREATED OR CEDAR UNLESS OTHERWISE NOTED.

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 POLYETHYLENE FILM, No.50 (45lb) ROLL ROOFING OR OTHER DAMPPROOFING MATERIAL, EXCEPT WHERE THE WOOD MEMBER IS AT LEAST 6" (152) ABOVE THE GROUND.

2.5. STEEL (9.23.4.3) 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 40R.

2.6. FLAT ARCHES

1) FOR 8'-0" (2400) 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'-8" (2600) A.F.F.

2.7. ROOF OVERHANGS

1) ALL ROOF OVERHANGS SHALL BE 1'-0" (305), UNLESS NOTED OTHERWISE.

2.8. FLASHING (9.20.13, 9.26.4, 9.27.3.1) FLASHING MATERIALS & INSTALLATION SHALL CONFORM TO O.B.C.

2.9. GRADING

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

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

FORMING PART OF SENTENCE 9.23.4.2(3), 9.23.4.2(4), 9.23.12.3(1), (3), 9.23.13.2(2), 9.37.3.1(1)

2x6" SPRUCE #2	2x10" SPRUCE #2	2x12" SPRUCE #2
L1 2/2x6" (2/38x184)	L3 2/2x10" (2/38x235)	L5 2/2x12" (2/38x286)
B1 3/2x6" (3/38x184)	B3 3/2x10" (3/38x235)	B5 3/2x12" (3/38x286)
B2 4/2x6" (4/38x184)	B4 4/2x10" (4/38x235)	B6 4/2x12" (4/38x286)
B7 5/2x6" (5/38x184)	B8 5/2x10" (5/38x235)	B9 5/2x12" (5/38x286)

ENGINEERED LUMBER SCHEDULE - GRADE 2.0E (UNLESS NOTE OTHERWISE)

1.3'4" x 9.1/2" LVL	1.3'4" x 11.7/8" LVL	1.3'4" x 14" LVL
LVL.2 1-1.3'4"x9.1/2"	LVL.3 1-1.3'4"x11.7/8"	LVL.10 1-1.3'4"x14"
LVL.4 2-1.3'4"x9.1/2"	LVL.6 2-1.3'4"x11.7/8"	LVL.11 2-1.3'4"x14"
LVL.5 3-1.3'4"x9.1/2"	LVL.7 3-1.3'4"x11.7/8"	LVL.12 3-1.3'4"x14"
LVL.8 4-1.3'4"x9.1/2"	LVL.9 4-1.3'4"x11.7/8"	LVL.13 4-1.3'4"x14"

3.2. STEEL LUMBERS SUPPORTING MASONRY VENEER (DIVISION B PART 9, TABLE 9.20.5.2-B.)

FORMING PART OF SENTENCE 9.20.5.2(2) & 9.23.5.2(3)

CODE	SIZE	BRICK	STONE
L7	3 1/2" x 3 1/2" x 1/4" (89 x 89 x 6.4)	8"-1" (2,47mm)	7"-8" (2,30mm)
L8	4" x 3 1/2" x 1/4" (102 x 89 x 6.4)	8"-9" (2,66mm)	8"-1" (2,48mm)
L9	4 7/8" x 3 1/2" x 5/16" (127 x 89 x 7.9)	10"-10" (3,31m)	10"-11" (3,03m)
L10	4 7/8" x 3 1/2" x 3/8" (127 x 89 x 11)	11"-9" (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 SCHEDULE

CONFORMING TO SECTIONS 9.5.11, 9.6, 9.7.2.1, 9.7.5.2 & 9.10.13.10

	1	EXTERIOR	2'-0" x 6'-8" x 1-3/4" (815 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)
1A	EXTERIOR	2'-10" x 6'-8" x 1-3/4" (865 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)	
1B	EXTERIOR	3'-0" x 6'-8" x 1-3/4" (915 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)	
1C	EXTERIOR	2'-6" x 6'-8" x 1-3/4" (815 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)	
1D	EXTERIOR	2'-6" x 6'-8" x 1-3/4" (815 x 2030 x 45) INS. MIN. R4 (RSI 0.7) (SEE HEXT NOTE 20)	
1E	EXTERIOR	3'-0" x 6'-8" x 1-3/4" (915 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)	
1F	EXTERIOR	2'-6" x 6'-8" x 1-3/4" (815 x 2030 x 45) INSULATED MIN. R4 (RSI 0.7)	
2	EXTERIOR	2'-6" x 6'-8" x 1-3/4" (815 x 2030 x 45) MIN. FIN. R4, DOOR FRAME WITH APP. SELF-CLOSING DEVICE.	
2A	INTERIOR	2'-6" x 6'-8" x 1-3/8" (815 x 2030 x 35)	
3	INTERIOR	2'-6" x 6'-8" x 1-3/8" (815 x 2030 x 35)	
3A	INTERIOR	2'-4" x 6'-8" x 1-3/8" (710 x 2030 x 35)	
4	INTERIOR	2'-6" x 6'-8" x 1-3/8" (815 x 2030 x 35)	
4A	INTERIOR	2'-2" x 6'-8" x 1-3/8" (660 x 2030 x 35)	
5	INTERIOR	1'-6" x 6'-8" x 1-3/8" (460 x 2030 x 35)	

PROVIDE 8"-0" HIGH INTERIOR DOORS FOR ALL 1'-0" CEILING CONDITIONS

3.4. ACRONYMS

ABB	ABOVE FINISHED FLOOR	JUST	JOIST
BBFM	BEAM BY FLOOR MANUFACTURER	LN	LINEN CLOSET
BG	FIXED GLASS W/ BLACK BACKING	LVL	LAMINATED VENEER LUMBER
BM	BEAM	OTBA	OPEN TO BELOW/ABOVE
BBFM	BEAM BY ROOF MANUFACTURER	PL	PLATE LOAD
CRF	CONVENTIONAL ROOF FRAMING	PLT	PLANT
C/W	COMPLETE WITH	PT	PRESSURE TREATED
D/UT	DOUBLE JOIST/ TRIPLE JOIST	PWD	PAINTED
DO	DO OVER	POW	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
HB	HOSE BIB	WD	WOOD
HRV	HEAT RETURN VENTILATION UNIT	WIC	WALK IN CLOSET
HWT	HOT WATER TANK	WP	WEATHER PROOF

3.5. SYMBOLS

ALL ELECTRICAL FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 9.34.

CLASS 'B' VENT	EXHAUST VENT
DUPLEX OUTLET (12" HIGH)	DUPLEX OUTLET (HEIGHT AS NOTED) A.F.F.
HEAVY DUTY OUTLET	SWITCH (2/3/4 WAY)
POT LIGHT	LIGHT FIXTURE (CEILING MOUNTED)
LIGHT FIXTURE (PULL CHAIN)	LIGHT FIXTURE (WALL MOUNTED)
CABLE T.V. JACK	TELEPHONE JACK
CENTRAL VACUUM OUTLET	CHANDELIER (CEILING MOUNTED)

3.5.1 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 MIN. ALARMS SHALL HAVE A VISUAL SIGNALING COMPONENT AS PER THE NATIONAL FIRE ALARM AND SIGNALING CODE 72.

3.5.2 CMD CARBON MONOXIDE ALARM (9.33.4) CHECK LOCAL BY-LAWS FOR REQUIREMENTS. A CARBON MONOXIDE ALARM(S) CONFORMING TO CAN/CSA-6.19 SHALL BE INSTALLED ON OR NEAR THE CEILING IN EACH DWELLING UNIT ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARMS SHALL BE PERMANENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS AUDIBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

3.5.3 SB SOLID BEARING (BUILT-UP WOOD COLUMNS AND STUD POSTS) THE WIDTH OF A WOOD COLUMN SHALL NOT BE LESS THAN THE WIDTH OF SUPPORTED MEMBER. BUILT-UP WOOD COLUMNS SHALL BE NAILED TOGETHER WITH NOT LESS THAN 3" (76) NAILS SPACED NOT MORE THAN 11 3/4" (300) O.C. THE NUMBER OF STUDS IN 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 SHEILD

EXPOSED BUILDING FACE - O.B.C. 9.10.14, OR 9.10.15, REFER TO HEXT NOTE 35, & DETAILS FOR TYPE AND SPECIFICATIONS.

1 HR. PARTY WALL REFER TO HEXT NOTE 40.

2 HR. FIREWALL REFER TO HEXT NOTE 40A.

SECTION 4.0. CLIMATIC DATA

DESIGN SNOW LOAD (9.4.2.2): **1.01 kPa**

WIND PRESSURE (q50) (SB-1.2.): **0.44 kPa**

STAMP

LICENSED PROFESSIONAL ENGINEER

A. KONG

100184942

July 15, 2022

PROVINCE OF ONTARIO

100 COMMERCE VALLEY DR. W. THORNHILL, ONTARIO CANADA L3T 0A1 TEL: 1-905-882-4211 FAX: 1-905-822-0555 WWW.WSPGROUP.CA