



ELEVATION 'A'



ELEVATION 'B'

TYPE 'B' - 3101-END 2

SB-12 ENERGY EFFICIENCY DESIGN MATRIX

PRESCRIPTIVE COMPLIANCE		SB-12 (SECTION 3.1.1) TABLE 3.1.1.2.A	
PACKAGE A1		SPACE HEATING FUEL	
		<input checked="" type="checkbox"/> GAS	<input type="checkbox"/> OIL
		<input type="checkbox"/> ELECTRIC	<input type="checkbox"/> PROPANE
		<input type="checkbox"/> EARTH	<input type="checkbox"/> SOLID FUEL
BUILDING COMPONENT	REQUIRED	PROPOSED	
INSULATION RSI (R) VALUE			
CEILING W/ ATTIC SPACE	10.56 (R60)	10.56 (R60)	
CEILING W/O ATTIC SPACE	5.46 (R31)	5.46 (R31)	
EXPOSED FLOOR	5.46 (R31)	5.46 (R31)	
WALLS ABOVE GRADE	3.87 (R22)	3.87 (R22)	
BASEMENT WALLS	3.52 ci (R20 ci) *	3.52 ci (R20 ci) *	
* PROPOSED VALUES MAY BE SUBSTITUTED W/ 2.11+1.76ci (R12+R10ci)			
BELOW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE	-	-	
EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE	1.76 (R10)	1.76 (R10)	
HEATED SLAB OR SLAB ≤ 600mm BELOW GRADE	1.76 (R10)	1.76 (R10)	
WINDOWS & DOORS			
WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE)	1.6	1.6	
SKYLIGHTS (MAX. U-VALUE)	2.8	2.8	
APPLIANCE EFFICIENCY			
SPACE HEATING EQUIP. (AFUE%)	96%	96%	
HRV EFFICIENCY (%)	75%	75%	
DHW HEATER (EF)	0.8	0.8	

- 1 - TITLE PAGE
- 2 - BASEMENT PLAN, ELEV. 'A' & 'B'
- 3 - GROUND FLOOR PLAN, ELEV. 'A'
- 4 - SECOND FLOOR PLAN, ELEV. 'A'
- 5 - PARTIAL GROUND & SECOND FLOOR PLANS, ELEV. 'B'
- 6 - PARTIAL FLOOR PLANS, ELEV. 'A' & 'B' W/ LOGGIA
- 7 - FRONT ELEVATION 'A' & 'B'
- 8 - RIGHT SIDE ELEVATION 'A'
- 9 - RIGHT SIDE ELEVATION 'B'
- 9A - RIGHT SIDE & REAR ELEVATION 'A' & 'B' W/ LOGGIA
- 10 - REAR ELEVATION 'A' & 'B'
- 11 - RIGHT SIDE UPGRADE ELEVATION 'A'
- 12 - RIGHT SIDE UPGRADE ELEVATION 'B'
- 12A - RIGHT SIDE & REAR UPGRADE ELEVATION 'A' W/ LOGGIA
- 13 - REAR UPGRADE ELEVATION 'A'
- 13A - RIGHT SIDE & REAR UPGRADE ELEVATION 'B' W/ LOGGIA
- 14 - REAR UPGRADE ELEVATION 'B'
- 15 - CROSS SECTION 'A' - 'A'
- 16 - CONSTRUCTION NOTES
- 17 - CONSTRUCTION NOTES

REFER TO
MARKUPS

AREA CALCULATIONS	EL. 'A'	EL. 'A'	EL. 'A'	EL. 'A'	EL. 'B'	EL. 'B'	EL. 'B'	EL. 'B'
	STD	STD W/ LOGGIA	STD -INT W/ F.P.	STD -INT W/ F.P.& LOGGIA	STD -INT	STD W/ LOGGIA	STD -INT W/ F.P.	STD -INT W/ F.P.& LOGGIA
GROUND FLOOR AREA	720 sq. ft.	720 sq. ft.	727 sq. ft.	727 sq. ft.	720 sq. ft.	720 sq. ft.	727 sq. ft.	727 sq. ft.
SECOND FLOOR AREA	1174 sq. ft.	1174 sq. ft.	1174 sq. ft.	1174 sq. ft.	1171 sq. ft.	1171 sq. ft.	1171 sq. ft.	1171 sq. ft.
SUBTOTAL	1894 sq. ft.	1894 sq. ft.	1901 sq. ft.	1901 sq. ft.	1891 sq. ft.	1891 sq. ft.	1898 sq. ft.	1898 sq. ft.
DEDUCT ALL OPEN AREAS	41 sq. ft.	41 sq. ft.	41 sq. ft.	41 sq. ft.	41 sq. ft.	41 sq. ft.	41 sq. ft.	41 sq. ft.
TOTAL NET AREA	1853 sq. ft.	1853 sq. ft.	1860 sq. ft.	1860 sq. ft.	1850 sq. ft.	1850 sq. ft.	1857 sq. ft.	1857 sq. ft.
	(172.15 sq. m.)	(172.15 sq. m.)	(172.80 sq. m.)	(172.80 sq. m.)	(171.87 sq. m.)	(171.87 sq. m.)	(172.52 sq. m.)	(172.52 sq. m.)
FINISHED BASEMENT AREA	463 sq. ft.	463 sq. ft.	470 sq. ft.	470 sq. ft.	463 sq. ft.	463 sq. ft.	470 sq. ft.	470 sq. ft.
COVERARGE	1178 sq. ft.	1178 sq. ft.	1185 sq. ft.	1185 sq. ft.	1178 sq. ft.	1178 sq. ft.	1185 sq. ft.	1185 sq. ft.
W/O/UT PORCH	(109.44 sq. m.)	(109.44 sq. m.)	(110.09 sq. m.)	(110.09 sq. m.)	(109.44 sq. m.)	(109.44 sq. m.)	(110.09 sq. m.)	(110.09 sq. m.)
COVERARGE	1246 sq. ft.	1385 sq. ft.	1260 sq. ft.	1253 sq. ft.	1246 sq. ft.	1385 sq. ft.	1260 sq. ft.	1253 sq. ft.
W/ PORCH	(115.76 sq. m.)	(128.67 sq. m.)	(117.06 sq. m.)	(116.41 sq. m.)	(115.76 sq. m.)	(128.67 sq. m.)	(117.06 sq. m.)	(116.41 sq. m.)
WINDOW / WALL AREA CALCULATIONS	EL. 'A'	EL. 'A'	EL. 'A'	EL. 'A'	EL. 'B'	EL. 'B'	EL. 'B'	EL. 'B'
	STD. PLAN	STD W/ LOGGIA	STD. W/ F.P.	STD. W/ F.P.& LOGGIA	STD. PLAN	STD W/ LOGGIA	STD. W/ F.P.	STD. W/ F.P.& LOGGIA
GROSS WALL AREA	3066 sq. ft.	3066 sq. ft.	3066 sq. ft.	3066 sq. ft.	3061 sq. ft.	3061 sq. ft.	3061 sq. ft.	3061 sq. ft.
	(284.84 sq. m.)	(284.84 sq. m.)	(284.84 sq. m.)	(284.84 sq. m.)	(284.38 sq. m.)	(284.38 sq. m.)	(284.38 sq. m.)	(284.38 sq. m.)
GROSS WINDOW AREA	288.8 sq. ft.	288.8 sq. ft.	258.8 sq. ft.	258.8 sq. ft.	297.6 sq. ft.	297.6 sq. ft.	267.6 sq. ft.	332.92 sq. ft.
(INCL. GLASS DOORS & SKYLIGHTS)	(26.83 sq. m.)	(26.83 sq. m.)	(24.04 sq. m.)	(24.04 sq. m.)	(27.65 sq. m.)	(27.65 sq. m.)	(24.86 sq. m.)	(30.93 sq. m.)
TOTAL WINDOW %	9.42 %	9.42 %	8.44 %	8.44 %	9.72 %	9.72 %	8.74 %	10.88 %

GOLDPARK
WORTH MORE™

PINE VALLEY
FOREVERGREEN

HUNT
DESIGN ASSOCIATES INC.
www.huntdesign.ca

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON

TYPE 'B' - 3101-END 2
REV.2022.07.11

Drawn By: JMc Checked By: AW Scale: 3/16"=1'-0" File Number: 217014WT3101-END2.dwg Page Number: 1 of 17
8966 Woodbine Ave., Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326

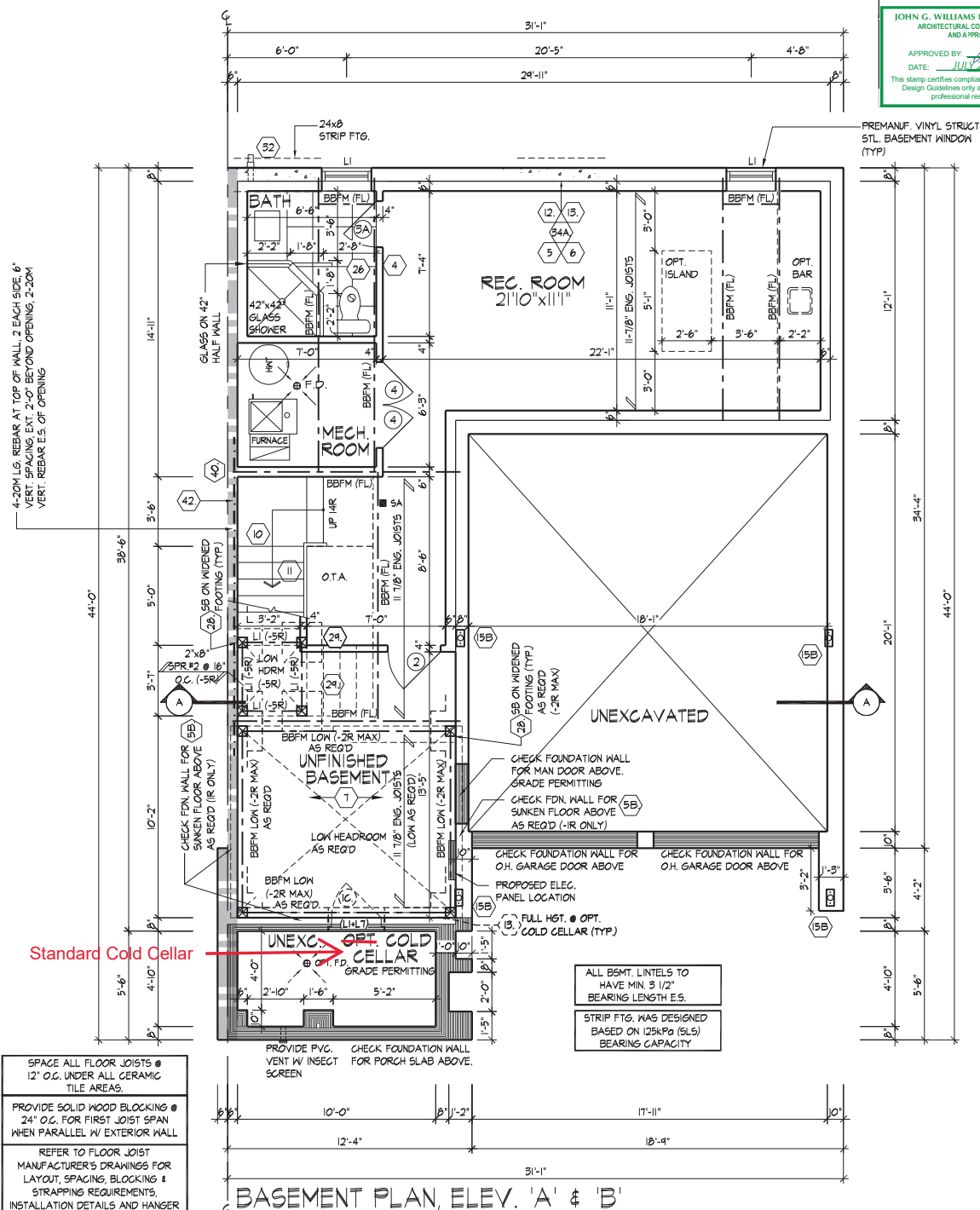
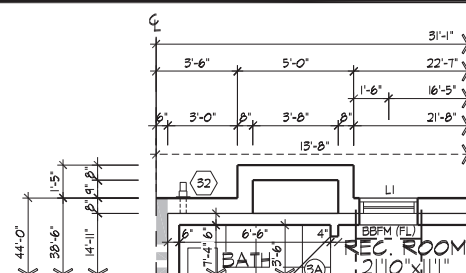
THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN AND HAS THE QUALIFICATIONS AND HEREIN THE REQUIRED PROFESSIONAL DESIGNER'S REGISTRATION CODE TO BE A DESIGNER.
Qualification Information:
Allen Whiting 23177
TIME: 23177
REVISION INFORMATION:
HUNT DESIGN ASSOCIATES INC. 19695

All drawings specifications related documents and design are the copyright property of Hunt Design Associates (H.D.A.). Reproduction of this property in whole or in part is strictly prohibited without H.D.A.'s written permission. H.D.A. assumes no responsibility or liability for this property unless it bears the appropriate BCIN number and original signature(s).



PARTIAL OPT. BASEMENT FOR STRUCTURAL ONLY. EXCLUDING
PLAN, ELEV. 'A' & 'B' ENGINEERED ROOF TRUSS, FLOOR
JOIST, AND FLOOR LVL BEAM DESIGN.
W/ GAS FIREPLACE ABOVE

This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.



Standard Cold Cellar

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

BASEMENT PLAN, ELEV. 'A' & 'B'


BASEMENT PLAN, ELEV. 'A' & 'B'

TYPE 'B' - 3101-END 2

REV.2022.07.11

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.

QUANTIFICATION INFORMATION

Allan Whiting		2317
NAME	SIGNATURE	BC
REGISTRATION INFORMATION		
HUNT DESIGN ASSOCIATES INC		1066

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

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON

Drawn By	Checked By	Scale	File Number
JMc	AW	3/16"=1'-0"	217014WT3101-E
8966 Woodbine Ave. Markham, ON L3R 0J7 T 905 737 5133 F 905 737 7326			

File Number
217014WT3101-END2.dwg
5133 E 905 737 7326

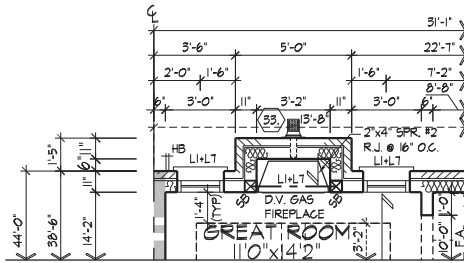
Page Number
2 of 17

All drawings specifications related documents and design are the copyright property of Hunt Design Associates (H.D.A.). Reproduction of this property in whole or in part is strictly prohibited without H.D.A.'s written permission. H.D.A. assumes no responsibility or liability for this property unless it bears the appropriate BOM number and original signature.



wsp

1801 COMMERCE VALLEY DR. W.
THORNHILL, ONTARIO CANADA L3T 0A1
TEL: 1-855-852-4217 FAX: 1-855-852-0859 WWW.WSPGROUP.CA



PARTIAL OPT. GROUND
PLAN, ELEV. 'A' & 'B'
W/ GAS FIREPLACE

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

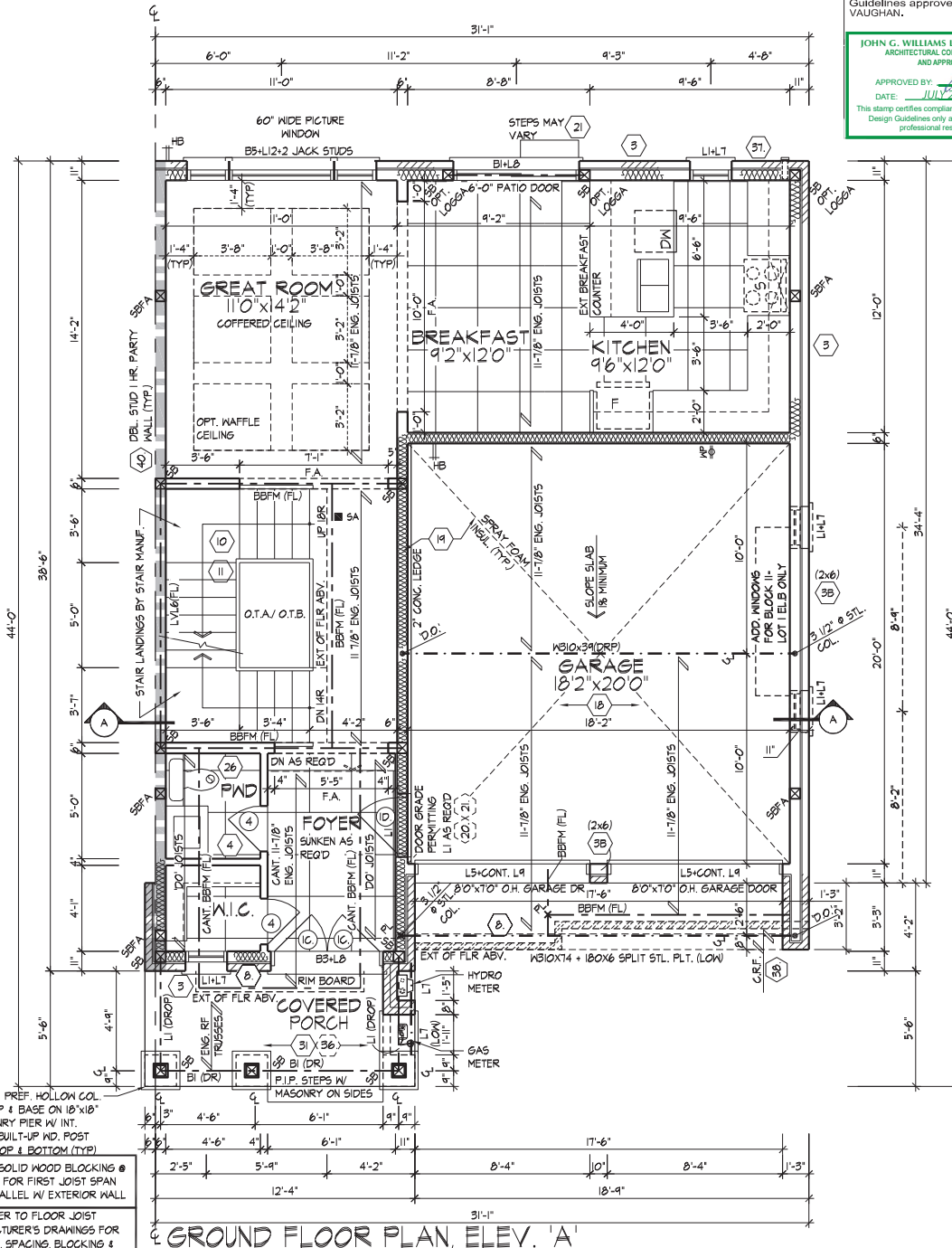
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements including zoning provisions and any provisions in the subdivision agreement. The Control Architect is not responsible 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.

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.



10'x10' PREF. HOLLOW COL.
W/ CAP & BASE ON 18"x18"
MASONRY PIER W/ INT.
6"x6" BUILT-UP WD. POST
TIED TOP & BOTTOM (TYP)

PROVIDE SOLID WOOD JOIST
MANUFACTURER'S DRAWINGS FOR
LAYOUT, SPACING, BLOCKING &
STRAPPING REQUIREMENTS,
INSTALLATION DETAILS AND HANGER
SIZES, & SUBFLOOR THICKNESS

REFER TO FLOOR JOIST
MANUFACTURER'S DRAWINGS FOR
LAYOUT, SPACING, BLOCKING &
STRAPPING REQUIREMENTS,
INSTALLATION DETAILS AND HANGER
SIZES, & SUBFLOOR THICKNESS

SPACE ALL FLOOR JOISTS @
12' O.C. UNDER ALL CERAMIC
TILE AREAS.

GROUND FLOOR PLAN, ELEV. 'A'

AWHITING | MON JUL 11 22 12:11 PM | C:\PROJECTS\217014\GOLDPARK HOMES\217014\WT3\01-5-25-21.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
Allen Whiting 23177
TIME
REGISTRATION INFORMATION
HUNT DESIGN ASSOCIATES INC. 19695

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

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON

Drawn By: JMc
Checked By: AW
Scale: 3/16"=1'-0"
8966 Woodbine Ave, Markham, ON L3R 0J7
T 905.737.5133 F 905.737.7326

TYPE 'B' - 3101-END 2
REV. 2022.07.11

217014WT3101-END2.dwg
3 of 17

All drawings specifications related documents and design are the copyright property of Hunt Design Associates (P.D.A.). Reproduction of this property in whole or in part is strictly prohibited without H.D.A.'s written permission. H.D.A. assumes no responsibility or liability for this property unless it bears the appropriate BCIN number and original signature(s).



180 COMMERCE VALLEY DR. W.
THORNHILL, ONTARIO CANADA L3T 0A1
TEL: 1-855-882-4217 FAX: 1-855-882-0859 WWW.WSPGROUP.CA

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

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.

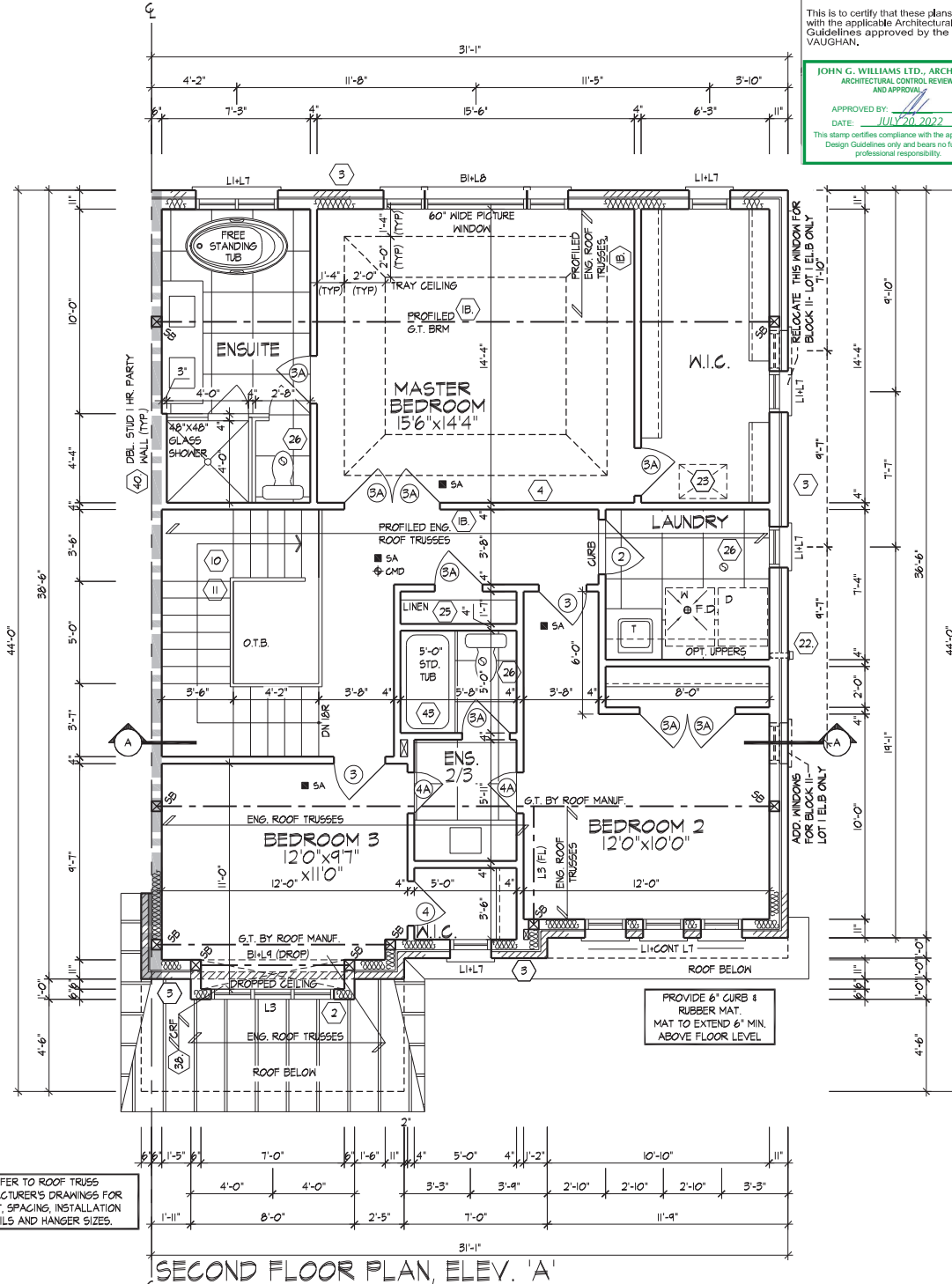
This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the City of VAUGHAN.

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

APPROVED BY:

DATE: JUL 20, 2022

This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.



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

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

SECOND FLOOR PLAN, ELEV. 'A'

SECOND FLOOR PLAN, ELEV. 'A'

AWHITING | MON JUL 11 2022 12:11 PM | K:\PROJECTS\2017\21701-GOLDPARK HOMES\21701-4WTS\01-5L2-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
Allen Whiting 23177
TIME
REVISION INFORMATION
HUNT DESIGN ASSOCIATES INC. 19895

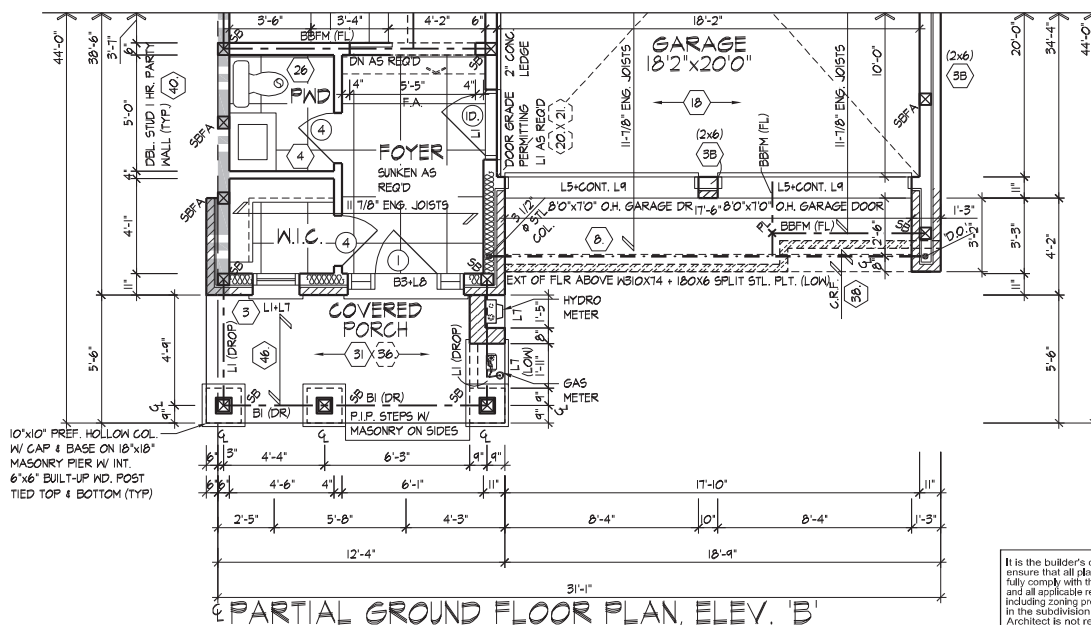
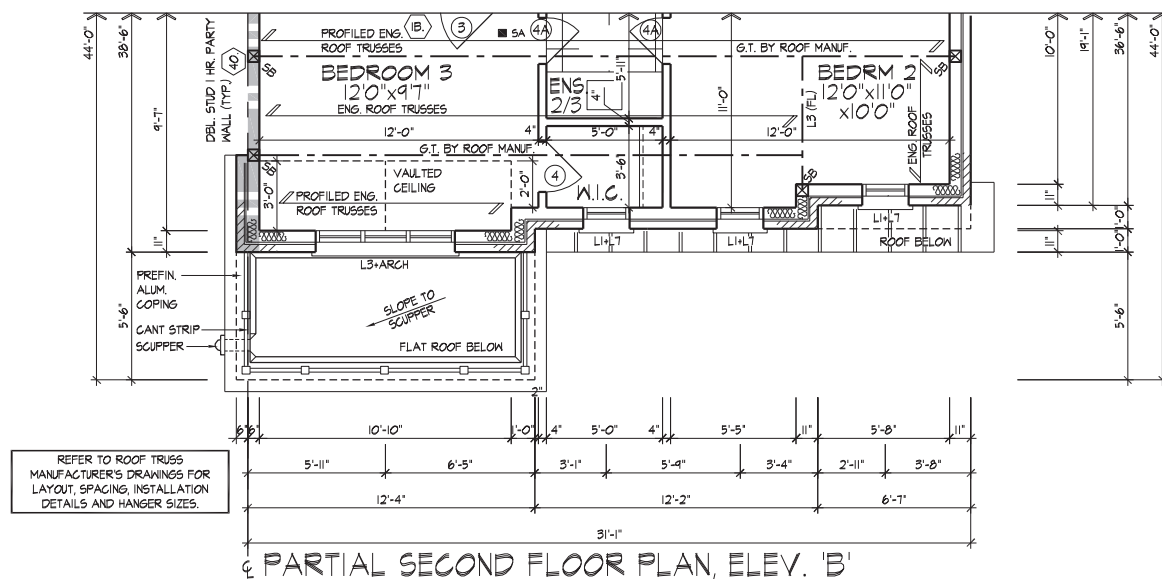
HUNT
DESIGN ASSOCIATES INC.
www.hunt-design.ca

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON
Drawn By JMc
Checked By AW
Scale 3/16"=1'-0"

TYPE 'B' - 3101-END 2
REV.2022.07.11
Rev Number
217014WTS3101-END2.dwg
F 905.737.7326
Page Number
4 of 17

All drawings specifications related documents and design are the copyright property of Hunt Design Associates (H.D.A.). Reproduction of this property in whole or in part is strictly prohibited without H.D.A.'s written permission. H.D.A. assumes no responsibility or liability for this property unless it bears the appropriate BCIN number and original signature(s).

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



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.

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

APPROVED BY: _____
DATE: 11 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

PARTIAL GROUND & SECOND FLOOR PLANS, ELEV. 'B'

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS. VAUGHAN ON

TYPE 'B' - 3101-END 2
REV.2022.07.11

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		231
NAME	<u>SIGNATURE</u>	BC
REGISTRATION INFORMATION		
HUNT DESIGN ASSOCIATES INC.		198

HUNT 
DESIGN ASSOCIATES INC.
www.huntdesign.ca

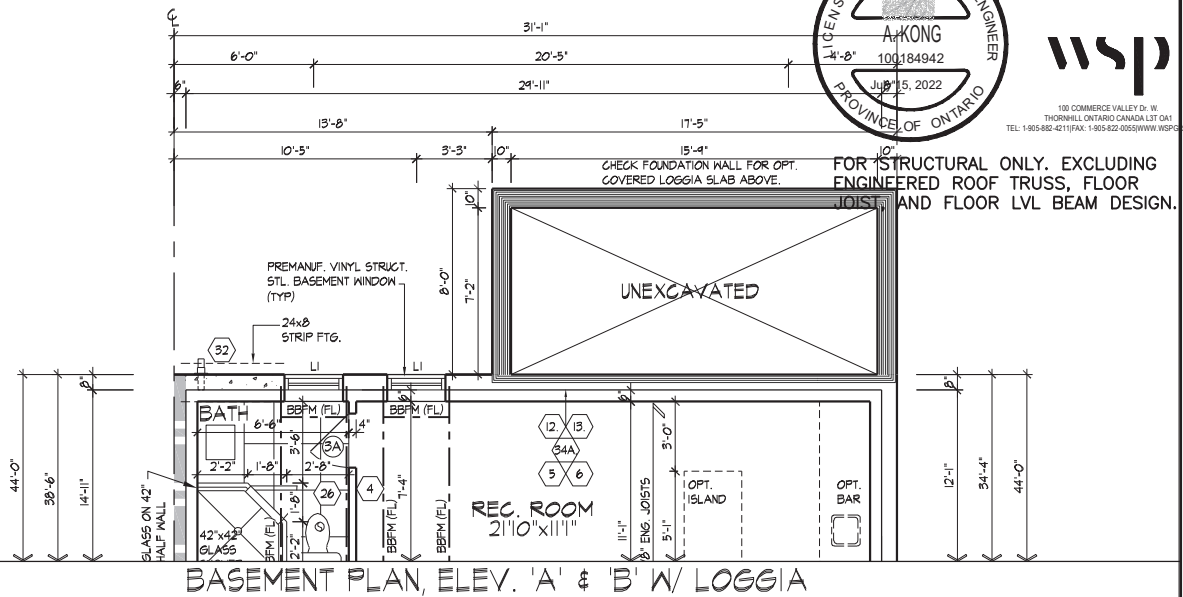
Drawn By	Checked By	Scale	File Number
JMc	AW	3/16"=1'-0"	217014WT3101-E
8966 Woodbine Ave. Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326			

Page Number
5 of 17

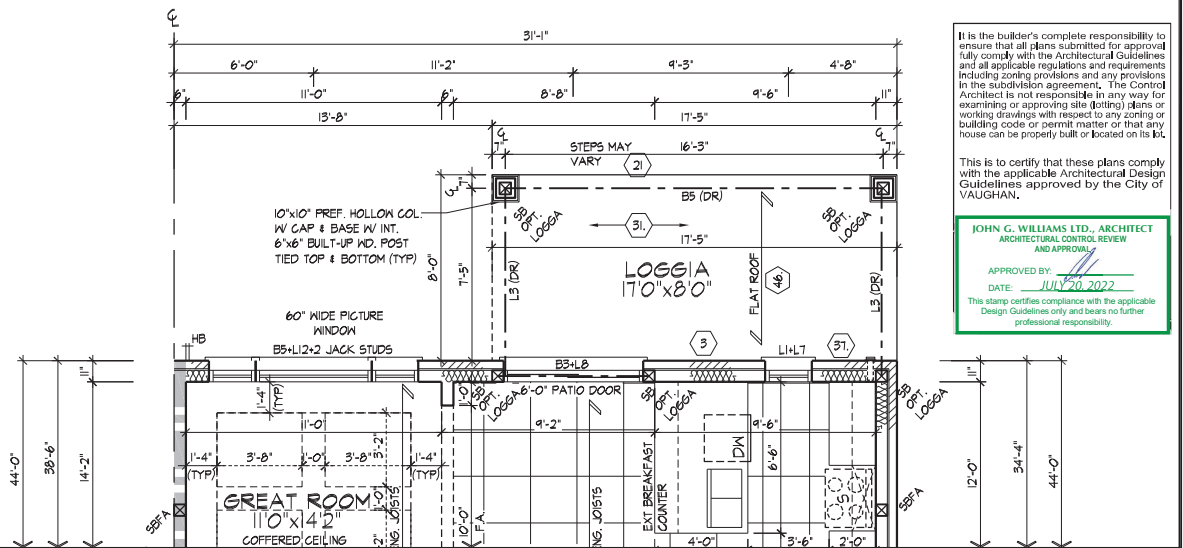
All drawings specifications related documents and design are the copyright property of Hunt Design Associates (H.D.A.). Reproduction of this property in whole or in part is strictly prohibited without H.D.A.'s written permission. H.D.A. assumes no responsibility or liability for this property unless it bears the appropriate BOM number and original signature.



1801 COMMERCE VALLEY DR. W.
THORNHILL, ONTARIO CANADA L3T 0A1
TEL: 1-855-852-4217 FAX: 1-855-852-0055 WWW.WSPGROUP.CA

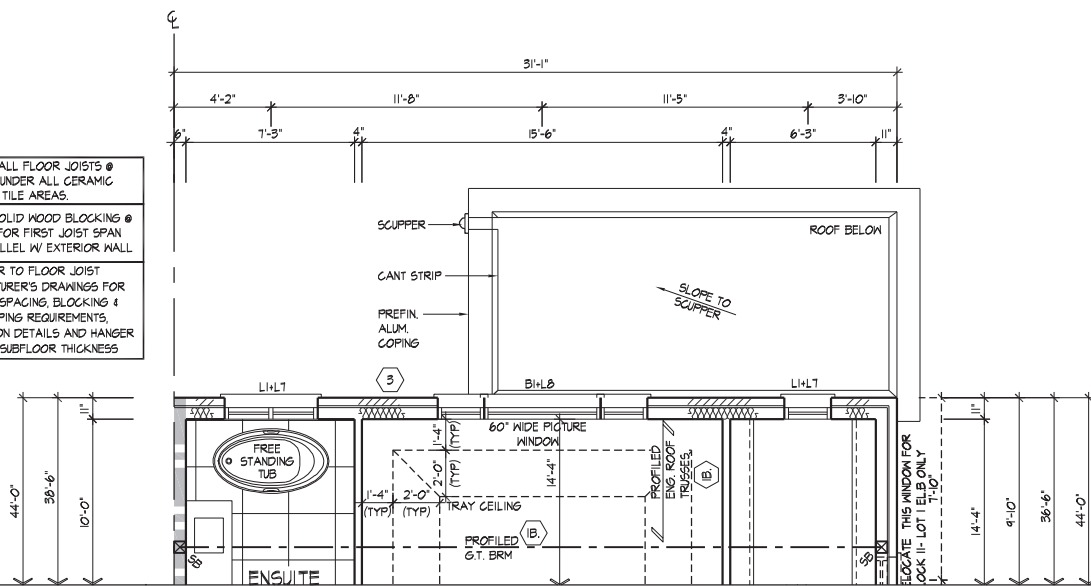


BASEMENT PLAN, ELEV. 'A' & 'B' W/ LOGGIA



GROUND FLOOR PLAN, ELEV. 'A' & 'B' W/ LOGGIA

- 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.



SECOND FLOOR PLAN, ELEV. 'A' & 'B' W/ LOGGIA

PARTIAL FLOOR PLANS, ELEV. 'A' & 'B' W/ LOGGIA

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
HUNT DESIGN ASSOCIATES INC.
19695

HUNT
DESIGN ASSOCIATES INC.
www.huntdesign.ca

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON

TYPE 'B' - 3101-END 2
REV.2022.07.11

Drawn By: JMc
Checked By: AW
Scale: 3/16"=1'-0"
8966 Woodbine Ave, Markham, ON L3R 0J7
T 905.737.5133 F 905.737.7326

File Number: 217014WT3101-END2.dwg

Page Number: 6 of 17

All drawings specifications related documents and design are the copyright property of Hunt Design Associates (H.D.A.). Reproduction of this property in whole or in part is strictly prohibited without H.D.A.'s written permission. (H.D.A. assumes no responsibility or liability for this property unless it bears the appropriate BCIN number and original signature.)

FRONT ELEVATION B

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.

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.

FRONT ELEVATION 'A' & 'B'

TYPE 'B' - 3101-END 2

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS. VAUGHAN ON

Drawn By	Checked By	Scale	File Number
JMc	AW	3/16"=1'-0"	217014WT3101-E
8966 Woodbine Ave. Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326			

File Number
217014WT3101-END2.dwg

Page Number
7 of 17

WWWHITTING | MON JUL 11/22 02:11 PM | K:\PROJECTS\2017\217014.GOLD\WORKING\TOWNS\217014\W73101-END-2.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 2317

NAME SIGNATURE BC

REGISTRATION INFORMATION

HUNT DESIGN ASSOCIATES INC. 1969

WINDOW SUMMARY

REFER TO FRONT
ELEVATION FOR TYPICAL
NOTES & INFORMATION

FINLAND: FINLE BOARD
(CANAMOULD:

24"x10" PRECAST CONC. -

CONC. ACCENT (TY

PREFIN. CEMENT BRD. —

CEMENT BRD. TRIM (TYP.)

CAULKING BEYOND (TYP)

4.1. DOTTING WITH A QUINCE

W/ CAULKING TO MATCH
MASONRY COLOUR (TYP)

STONE VENEER (TYP.) —

HYDRO MEIER —

GAS METER _____

1000000

— — —

[illegible]

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

APPROVED BY: _____
DATE: JULY 20, 2022

This stamp certifies compliance with the applicable Design Guidelines only and bears no further professional responsibility.

TYPE 'B' - 3101-END 2
REV.2022.07.11

DESIGN BY: JMc CHECKED BY: AW SCALE: 3/16" = 1'-0"

DESIGN BY: JMc CHECKED BY: AW SCALE: 3/16" = 1'-0"

8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5

File Number: 217014WT3101-END2.dwg Page Number: 8 of 17

133 F 905.737.7326

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

APPROVED BY: 
DATE: JULY 20, 2022

This stamp certifies compliance with the applicable
Design Guidelines only and bears no further
professional responsibility.



678.65 sq ft
63.05 sq m

ROOF OVERHANGS TO BE 12"
UNLESS NOTED OTHERWISE

REFER TO FRONT
ELEVATION FOR TYPICAL
NOTES & INFORMATION

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.



TYPE 'B' - 3101-END 2
REV.2022.07.11

Number	Page Number
01-END2.dwg	10 of 11
7326	

REFER TO FRONT
ELEVATION FOR TYPICAL
NOTES & INFORMATION

The graph shows a sharp increase in the number of people with a university degree from 1970 to 1990. The number of people with a university degree rose from approximately 10 million in 1970 to about 25 million in 1990.

[illegible]

EXTENTS OF SPATIAL
CALCULATIONS.
REFER TO WINDOW SUMMARY FOR
ADDITIONAL INFORMATION

RIGHT SIDE ELEVATION 'A' UPGRADE (BLOCK 1)

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.


RIGHT SIDE UPGRADE ELEVATION 'A'
17014 TYPE 'B' - 3101-END 2
 JAN ON REV.2022.07.11

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON

Drawn By	Checked By	Scale	File Number
JMc	AW	3/16"=1'-0"	217014WT3101-
8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7321			

AWHITTING | MON JUL 11/22 02:11 PM | K:\PROJECTS\2017\217014_GOLD\MWORKING\TONNS\217014\VT3101-END-2.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		2317
Allan Whiting	<u>SIGNATURE</u>	BCI
REGISTRATION INFORMATION		
HUNT DESIGN ASSOCIATES INC.		1969

OR

JOHN G. WILLIAMS LTD., ARCHITECT

UPGRADE ELEVATION

217014 TYPE 'B' - 3101-END 2
HAN ON REV 2022 07 11

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

Number Page Number
101-END2.dwg 12 of 17

THE U
THE C
CODE

HUNT DESIGN ASSOCIATES INC. 1969

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

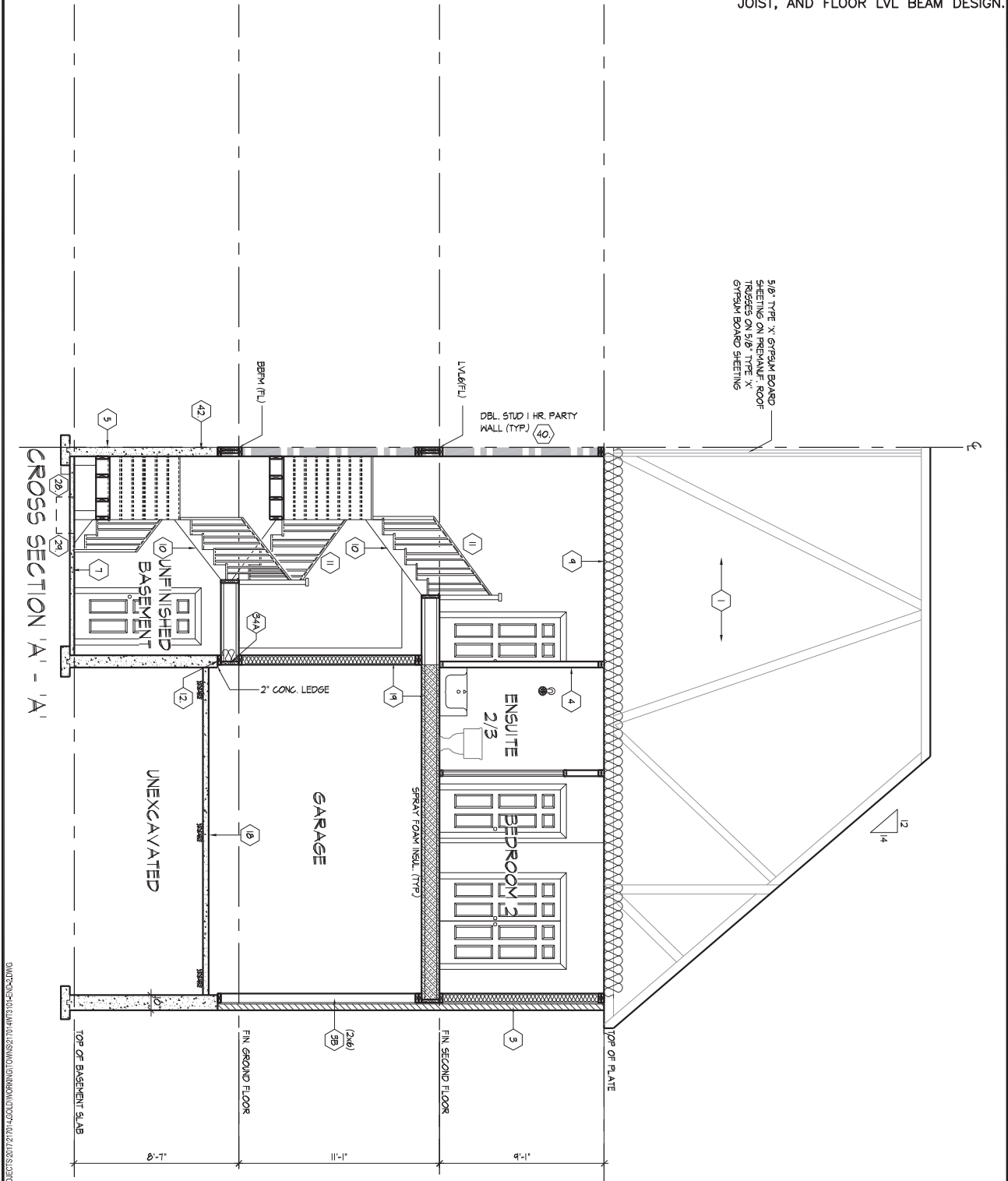
APPROVED BY: [Signature]
DATE: JULY 20, 2022

This stamp certifies compliance with the applicable
Design Guidelines only and bears no further
professional responsibility.



100 COMMERCE VALLEY DR. W.
THORNHILL, ONTARIO CANADA L3T 0A1
TEL: 1-855-852-4211 FAX: 1-855-852-0359 WWW.WSPGROUP.CA

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



AW:HTM | MON JUL 11 2022 11:41 PM | C:\PROJECTS\217014\GOLDPARK HOMES\TOWNSHIP\217014\WT3101-END2.DWG

CROSS SECTION 'A' - '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 CODE TO BE A DESIGNER.
QUALIFICATION INFORMATION
Allan Whiting
23177
19895

HUNT
DESIGN ASSOCIATES INC.
www.huntdesign.ca

GOLDPARK HOMES - 217014
PINE VALLEY TOWNS, VAUGHAN ON

Drawn By: JMc
Checked By: AW
Scale: 3/16"=1'-0"
8966 Woodbine Ave, Markham, ON L3R 0J7
T 905.737.5133 F 905.737.7326

TYPE 'B' - 3101-END 2
REV. 2022.07.11

File Number: 217014WT3101-END2.dwg
Page Number: 15 of 17

All drawings specifications related documents and design are the copyright property of Hunt Design Associates (H.D.A.). Reproduction of this property in whole or in part is strictly prohibited without H.D.A.'s written permission. (H.D.A. assumes no responsibility or liability for this property unless it bears the appropriate BCIN number and original signature.)

SECTION 1.0. CONSTRUCTION NOTES

- 1 ROOF CONSTRUCTION** (9.19, 9.23.13, 9.23.15)
NO. 210 (1025 KG/M2) ASPHALT SHINGLES, 3/8" (9.5) PLYWOOD SHEATHING WITH 1/4" CLIPS, APPROVED WOOD TRUSSES @ 24" (610) O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND 24" (610) BEYOND FACE OF ROOF AND MIN. 12" (305) BEYOND INNER FACE OF EXTERIOR WALL, 2x4x(38x89) TRUSS BRACING @ 6'-0" (1830) O.C. AT BOTTOM CHORD, PREFIN. ALUM. EAVESTROUGH, FASCIA, RAIL, AND VENTED SOFFIT, ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH MIN. 25% OF REQUIRED OPENINGS LOCATED AT TOP OF SPACE & MIN. 25% OF REQUIRED OPENINGS LOCATED AT BOTTOM OF SPACE, EAVESTROUGH TO BE 4" MIN. WITH RAIL DISCHARGING OUT TO CONCRETE SPLASH PADS OR PER MUNICIPAL REQUIREMENTS, TOWNHOUSES TO HAVE 9" MIN. EAVESTROUGH WITH ELEC. TRACED HEATER CABLE ALONG EAVESTROUGH AND DOWN RAIL.
- 1A ICE AND WATER SHIELD**
PROVIDE ICE AND WATER SHIELDING IN THE AREAS IDENTIFIED, THE ICE AND WATER SHIELD SHALL BE A SELF-ADHERING AND SELF SEALING MEMBRANE, SIDE LAPS MUST 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 PROVIDED AND/OR STEPPED AT RAISED COFFER/TRAY CEILINGS, AND/OR TRAY CEILINGS SHALL BE SHEATHED ON 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, 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. 9.23.7, 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, 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) EXT. GRADE SHEATHING ON STUDS CONFORMING TO O.B.C. (9.23.10.1, 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 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL TIES @ 18" (460) 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, STUDS CONFORMING TO O.B.C. (9.23.10.1, 1) & SECTION 1.1., INSULATION AND 6 MIL POLYETHYLENE VAPOR 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 (9.23.16.3, 1.1)) (REFER TO 35 NOTE AS REQ.)
- 3A BRICK VENEER WALL CONSTRUCTION (2x6") W/ CONTIN. INSULATION**
3 1/2" (90) BRICK VENEER 1" (25) AIR SPACE, 7/8"x7"x0.03" (22x180x0.76) GALV. METAL TIES @ 18" (460) 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, 1) & SECTION 1.1., INSULATION AND 6 MIL POLYETHYLENE VAPOR 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) OVER RIGID INSULATION (9.23.16.3, 1.1)) (REFER TO 35 NOTE AS REQ.)
- 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 @ 18" (460) 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, 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 (9.23.16.3, 1.1)) (REFER TO 35 NOTE AS REQ.)
- 4 INTERIOR STUD PARTITIONS** (9.23.9.8, 9.23.10)
BEARING PARTITIONS SHALL BE A MINIMUM 2x4" (38x89) @ 18" (460) O.C. FOR 2 STOREY AND 1/2" (605) 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 @ 31" (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, 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. 9.23.7, 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, 1) & SECTION 1.1., INSULATION AND 6 MIL POLYETHYLENE VAPOR BARRIER WITH APPROVED CONT. AIR BARRIER, 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH, (9.23.)
- 5 FOUNDATION WALL FOOTINGS**
POURED CONCRETE FOUNDATION WALLS AS PER CHART BELOW ON CONTINUOUS REINFORCED 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 OF 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'-4" (4905) SHALL BE SIZED IN ACCORDANCE WITH 9.15.3.4 (1) (2) OF THE O.B.C. REFER TO CHART BELOW FOR RESPECTIVE SIZES, 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, 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" (3.0m) UN-SUPPORTED HEIGHT UNLESS OTHERWISE NOTED, (9.15.4.2, 1.1)

UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2)		
HEIGHT	THICKNESS	MAX. HEIGHT FROM FIN. SLAB TO GRADE
10' (3.0m)	12" (305)	≤ 2.5m
12' (3.6m)	14" (355)	≤ 2.5m
14' (4.2m)	16" (406)	≤ 2.5m
16' (4.8m)	18" (457)	≤ 2.5m
18' (5.4m)	20" (508)	≤ 2.5m
20' (6.0m)	22" (559)	≤ 2.5m
22' (6.6m)	24" (610)	≤ 2.5m
24' (7.2m)	26" (661)	≤ 2.5m
26' (7.8m)	28" (712)	≤ 2.5m
28' (8.4m)	30" (762)	≤ 2.5m
30' (9.0m)	32" (813)	≤ 2.5m
32' (9.6m)	34" (864)	≤ 2.5m
34' (10.2m)	36" (915)	≤ 2.5m
36' (10.8m)	38" (966)	≤ 2.5m
38' (11.4m)	40" (1017)	≤ 2.5m
40' (12.0m)	42" (1068)	≤ 2.5m
42' (12.6m)	44" (1119)	≤ 2.5m
44' (13.2m)	46" (1170)	≤ 2.5m
46' (13.8m)	48" (1221)	≤ 2.5m
48' (14.4m)	50" (1272)	≤ 2.5m
50' (15.0m)	52" (1323)	≤ 2.5m
52' (15.6m)	54" (1374)	≤ 2.5m
54' (16.2m)	56" (1425)	≤ 2.5m
56' (16.8m)	58" (1476)	≤ 2.5m
58' (17.4m)	60" (1527)	≤ 2.5m
60' (18.0m)	62" (1578)	≤ 2.5m
62' (18.6m)	64" (1629)	≤ 2.5m
64' (19.2m)	66" (1680)	≤ 2.5m
66' (19.8m)	68" (1731)	≤ 2.5m
68' (20.4m)	70" (1782)	≤ 2.5m
70' (21.0m)	72" (1833)	≤ 2.5m
72' (21.6m)	74" (1884)	≤ 2.5m
74' (22.2m)	76" (1935)	≤ 2.5m
76' (22.8m)	78" (1986)	≤ 2.5m
78' (23.4m)	80" (2037)	≤ 2.5m
80' (24.0m)	82" (2088)	≤ 2.5m
82' (24.6m)	84" (2139)	≤ 2.5m
84' (25.2m)	86" (2190)	≤ 2.5m
86' (25.8m)	88" (2241)	≤ 2.5m
88' (26.4m)	90" (2292)	≤ 2.5m
90' (27.0m)	92" (2343)	≤ 2.5m
92' (27.6m)	94" (2394)	≤ 2.5m
94' (28.2m)	96" (2445)	≤ 2.5m
96' (28.8m)	98" (2496)	≤ 2.5m
98' (29.4m)	100" (2547)	≤ 2.5m
100' (30.0m)	102" (2598)	≤ 2.5m
102' (30.6m)	104" (2649)	≤ 2.5m
104' (31.2m)	106" (2700)	≤ 2.5m
106' (31.8m)	108" (2751)	≤ 2.5m
108' (32.4m)	110" (2802)	≤ 2.5m
110' (33.0m)	112" (2853)	≤ 2.5m
112' (33.6m)	114" (2904)	≤ 2.5m
114' (34.2m)	116" (2955)	≤ 2.5m
116' (34.8m)	118" (3006)	≤ 2.5m
118' (35.4m)	120" (3057)	≤ 2.5m
120' (36.0m)	122" (3108)	≤ 2.5m
122' (36.6m)	124" (3159)	≤ 2.5m
124' (37.2m)	126" (3210)	≤ 2.5m
126' (37.8m)	128" (3261)	≤ 2.5m
128' (38.4m)	130" (3312)	≤ 2.5m
130' (39.0m)	132" (3363)	≤ 2.5m
132' (39.6m)	134" (3414)	≤ 2.5m
134' (40.2m)	136" (3465)	≤ 2.5m
136' (40.8m)	138" (3516)	≤ 2.5m
138' (41.4m)	140" (3567)	≤ 2.5m
140' (42.0m)	142" (3618)	≤ 2.5m
142' (42.6m)	144" (3669)	≤ 2.5m
144' (43.2m)	146" (3720)	≤ 2.5m
146' (43.8m)	148" (3771)	≤ 2.5m
148' (44.4m)	150" (3822)	≤ 2.5m
150' (45.0m)	152" (3873)	≤ 2.5m
152' (45.6m)	154" (3924)	≤ 2.5m
154' (46.2m)	156" (3975)	≤ 2.5m
156' (46.8m)	158" (4026)	≤ 2.5m
158' (47.4m)	160" (4077)	≤ 2.5m
160' (48.0m)	162" (4128)	≤ 2.5m
162' (48.6m)	164" (4179)	≤ 2.5m
164' (49.2m)	166" (4230)	≤ 2.5m
166' (49.8m)	168" (4281)	≤ 2.5m
168' (50.4m)	170" (4332)	≤ 2.5m
170' (51.0m)	172" (4383)	≤ 2.5m
172' (51.6m)	174" (4434)	≤ 2.5m
174' (52.2m)	176" (4485)	≤ 2.5m
176' (52.8m)	178" (4536)	≤ 2.5m
178' (53.4m)	180" (4587)	≤ 2.5m
180' (54.0m)	182" (4638)	≤ 2.5m
182' (54.6m)	184" (4689)	≤ 2.5m
184' (55.2m)	186" (4740)	≤ 2.5m
186' (55.8m)	188" (4791)	≤ 2.5m
188' (56.4m)	190" (4842)	≤ 2.5m
190' (57.0m)	192" (4893)	≤ 2.5m
192' (57.6m)	194" (4944)	≤ 2.5m
194' (58.2m)	196" (4995)	≤ 2.5m
196' (58.8m)	198" (5046)	≤ 2.5m
198' (59.4m)	200" (5097)	≤ 2.5m
200' (60.0m)	202" (5148)	≤ 2.5m
202' (60.6m)	204" (5199)	≤ 2.5m
204' (61.2m)	206" (5250)	≤ 2.5m
206' (61.8m)	208" (5301)	≤ 2.5m
208' (62.4m)	210" (5352)	≤ 2.5m
210' (63.0m)	212" (5403)	≤ 2.5m
212' (63.6m)	214" (5454)	≤ 2.5m
214' (64.2m)	216" (5505)	≤ 2.5m
216' (64.8m)	218" (5556)	≤ 2.5m
218' (65.4m)	220" (5607)	≤ 2.5m
220' (66.0m)	222" (5658)	≤ 2.5m
222' (66.6m)	224" (5709)	≤ 2.5m
224' (67.2m)	226" (5760)	≤ 2.5m
226' (67.8m)	228" (5811)	≤ 2.5m
228' (68.4m)	230" (5862)	≤ 2.5m
230' (69.0m)	232" (5913)	≤ 2.5m
232' (69.6m)	234" (5964)	≤ 2.5m
234' (70.2m)	236" (6015)	≤ 2.5m
236' (70.8m)	238" (6066)	≤ 2.5m
238' (71.4m)	240" (6117)	≤ 2.5m
240' (72.0m)	242" (6168)	≤ 2.5m
242' (72.6m)	244" (6219)	≤ 2.5m
244' (73.2m)	246" (6270)	≤ 2.5m
246' (73.8m)	248" (6321)	≤ 2.5m
248' (74.4m)	250" (6372)	≤ 2.5m
250' (75.0m)	252" (6423)	≤ 2.5m
252' (75.6m)	254" (6474)	≤ 2.5m
254' (76.2m)	256" (6525)	≤ 2.5m
256' (76.8m)	258" (6576)	≤ 2.5m
258' (77.4m)	260" (6627)	≤ 2.5m
260' (78.0m)	262" (6678)	≤ 2.5m
262' (78.6m)	264" (6729)	≤ 2.5m
264' (79.2m)	266" (6780)	≤ 2.5m
266' (79.8m)	268" (6831)	≤ 2.5m
268' (80.4m)	270" (6882)	≤ 2.5m
270' (81.0m)	272" (6933)	≤ 2.5m
272' (81.6m)	274" (6984)	≤ 2.5m
274' (82.2m)	276" (7035)	≤ 2.5m
276' (82.8m)	278" (7086)	≤ 2.5m
278' (83.4m)	280" (7137)	≤ 2.5m
280' (84.0m)	282" (7188)	≤ 2.5m
282' (84.6m)	284" (7239)	≤ 2.5m
284' (85.2m)	286" (7290)	≤ 2.5m
286' (85.8m)	288" (7341)	≤ 2.5m
288' (86.4m)	290" (7392)	≤ 2.5m
290' (87.0m)	292" (7443)	≤ 2.5m
292' (87.6m)	294" (7494)	≤ 2.5m
294' (88.2m)	296" (7545)	≤ 2.5m
296' (88.8m)	298" (7596)	≤ 2.5m
298' (89.4m)	300" (7647)	≤ 2.5m
300' (90.0m)	302" (7698)	≤ 2.5m
302' (90.6m)	304" (7749)	≤ 2.5m
304' (91.2m)	306" (7800)	≤ 2.5m
306' (91.8m)	308" (7851)	≤ 2.5m
308' (92.4m)	310" (7902)	≤ 2.5m
310' (93.0m)	312" (7953)	≤ 2.5m
312' (93.6m)	314" (8004)	≤ 2.5m
314' (94.2m)	316" (8055)	≤ 2.5m
316' (94.8m)	318" (8106)	≤ 2.5m
318' (95.4m)	320" (8157)	≤ 2.5m
320' (96.0m)	322" (8208)	≤ 2.5m
322' (96.6m)	324" (8259)	≤ 2.5m
324' (97.2m)	326" (8310)	≤ 2.5m
326' (97.8m)	328" (8361)	≤ 2.5m
328' (98.4m)	330" (8412)	≤ 2.5m
330' (99.0m)	332" (8463)	≤ 2.5m
332' (99.6m)	334" (8514)	≤ 2.5m
334' (100.2m)	336" (8565)	≤ 2.5m
336' (100.8m)	338" (8616)	≤ 2.5m
338' (101.4m)	340" (8667)	≤ 2.5m
340' (102.0m)	342" (8718)	≤ 2.5m
342' (102.6m)	344" (8769)	≤ 2.5m
344' (103.2m)	346" (8820)	≤ 2.5m
346' (103.8m)	348" (8871)	≤ 2.5m
348' (104.4m)	350" (8922)	≤ 2.5m
350' (105.0m)	352" (8973)	≤ 2.5m
352' (105.6m)	354" (9024)	≤ 2.5m
354' (106.2m)	356" (9075)	≤ 2.5m
356' (106.8m)	358" (9126)	≤ 2.5m
358' (107.4m)	360" (9177)	≤ 2.5m
360' (108.0m)	362" (9228)	≤ 2.5m
362' (108.6m)	364" (9279)	≤ 2.5m
364' (109.2m)	366" (9330)	≤ 2.5m
366' (109.8m)	368" (9381)	≤ 2.5m
368' (110.4m)	370" (9432)	≤ 2.5m
370' (111.0m)	372" (9483)	≤ 2.5m
372' (111.6m)	374" (9534)	≤ 2.5m
374' (112.2m)	376" (9585)	≤ 2.5m
376' (112.8m)	378" (9636)	≤ 2.5m
378' (113.4m)	380" (9687)	≤ 2.5m
380' (114.0m)	382" (9738)	≤ 2.5m
382' (114.6m)	384" (9789)	≤ 2.5m
384' (115.2m)	386" (9840)	≤ 2.5m
386' (115.8m)	388" (9891)	≤ 2.5m
388' (116.4m)	390" (9942)	≤ 2.5m
390' (117.0m)	392" (9993)	≤ 2.5m
392' (117.6m)	394" (10044)	≤ 2.5m
394' (118.2m)	396" (10095)	≤ 2.5m
396' (118.8m)	398" (10146)	≤ 2.5m
398' (119.4m)	400" (10197)	≤ 2.5m
400' (120.0m)	402" (10248)	≤ 2.5m
402' (120.6m)	404" (10299)	≤ 2.5m
404' (121.2m)	406" (10350)	≤ 2.5m
406' (121.8m)	408" (10401)	≤ 2.5m
408' (122.4m)	410" (10452)	≤ 2.5m
410' (123.0m)	412" (10503)	≤ 2.5m
412' (123.6m)	414" (10554)	≤ 2.5m
414' (124.2m)	416" (10605)	≤ 2.5m
416' (124.8m)	418" (10656)	≤ 2.5m
418' (125.4m)	420" (10707)	≤ 2.5m
420' (126.0m)	422" (10758)	≤ 2.5m
422' (126.6m)	424" (10809)	≤ 2.5m
424' (127.2m)	426" (10860)	≤ 2.5m
426' (127.8m)	428" (10911)	≤ 2.5m
428' (128.4m)	430" (10962)	≤ 2.5m
430' (129.0m)	432" (11013)	≤ 2.5m
432' (129.6m)	434" (11064)	≤ 2.5m
434' (130.2m)	436" (11115)	≤ 2.5m
436' (130.8m)	438" (11166)	≤ 2.5m
438' (131.4m)	440" (11217)	≤ 2.5m
440' (132.0m)	442" (11268)	≤ 2.5m
442' (132.6m)	444" (11319)	≤ 2.5m
444' (133.2m)	446" (11370)	≤ 2.5m
446' (133.8m)	448" (11421)	≤ 2.5m
448' (134.4m)	450" (11472)	≤ 2.5m
450' (135.0m)	452" (11523)	≤ 2.5m
452' (135.6m)	454" (11574)	≤ 2.5m
454' (136.2m)	456" (11625)	≤ 2.5m
456' (136.8m)	458" (11676)	≤ 2.5m
458' (137.4m)	460" (11727)	≤ 2.5m
460' (138.0m)	462" (11778)	≤ 2.5m
462' (138.6m)	464" (11829)	≤ 2.5m
464' (139.2m)	466" (11880)	≤ 2.5m
466' (139.8m)	468" (11931)	≤ 2.5m
468' (140.4m)	470" (11982)	≤ 2.5m
470' (141.0m)	472" (12033)	≤ 2.5m
472' (141.6m)	474" (12084)	≤ 2.5m
474' (142.2m)	476" (12135)	≤ 2.5m
476' (142.8m)	478" (12186)	≤ 2.5m
478' (143.4m)	480" (12237)	≤ 2.5m
480' (144.0m)	482" (12288)	≤ 2.5m
482' (144.6m)	484" (12339)	≤ 2.5m
484' (145.2m)	486" (12390)	≤ 2.5m
486' (145.8m)	488" (12441)	≤ 2.5m
488' (146.4m)	490" (12492)	≤ 2.5m
490' (147.0m)	492" (12543)	≤ 2.5m
492' (147.6m)	494" (12594)	≤ 2.5m
494' (148.2m)	496" (12645)	≤ 2.5m
496' (148.8m)	498" (12696)	≤ 2.5m
498' (149.4m)	500" (12747)	≤ 2.5m
500' (150.0m)	502" (12798)	≤ 2.5m
502' (150.6m)	504" (12849)	≤ 2.5m
504' (151.2m)	506" (12900)	≤ 2.5m
506' (151.8m)	508" (12951)	≤ 2.5m
508' (152.4m)	510" (13002)	≤ 2.5m
510' (153.0m)	512" (13053)	≤ 2.5m
512' (153.6m)	514" (13104)	≤ 2.5m
514' (154.2m)	516" (13155)	≤ 2.5m
516' (154.8m)	518" (13206)	≤ 2.5m
518' (155.4m)	520" (13257)	≤ 2.5m
520' (156.0m)	522" (13308)	≤ 2.5m
522' (156.6m)	524" (13359)	≤ 2.5m
524' (157.2m)	526" (13410)	≤ 2.5m
526' (157.8m)	528" (13461)	≤ 2.5m
528' (158.4m)	530" (13512)	≤ 2.5m
530' (159.0m)	532" (13563)	≤ 2.5m
532' (159.6m)	534" (13614)	≤ 2.5m
534' (160.2m)	536" (13665)	≤ 2.5m
536' (160.8m)	538" (13716)	≤ 2.5m
538' (161.4m)	540" (13767)	≤ 2.5m
540' (162.0m)	542" (13818)	≤ 2.5m
542' (162.6m)	544" (13869)	≤ 2.5m
544' (163.2m)	546" (13920)	≤ 2.5m
546' (163.8m)	548" (13971)	≤ 2.5m
548' (164.4m)	550" (14022)	≤ 2.5m
550' (165.0m)	552" (14073)	≤ 2.5m
552' (165.6m)	554" (14124)	≤ 2.5m
554' (166.2m)	556" (14175)	≤ 2.5m
556' (166.8m)	558" (14226)	≤ 2.5m
558' (167.4m)	560" (14277)	≤ 2.5m
560' (168.0m)	562" (14328)	≤ 2.5m
562' (168.6m)	564" (14379)	≤ 2.5m
564' (169.2m)	566" (14430)	≤ 2.

