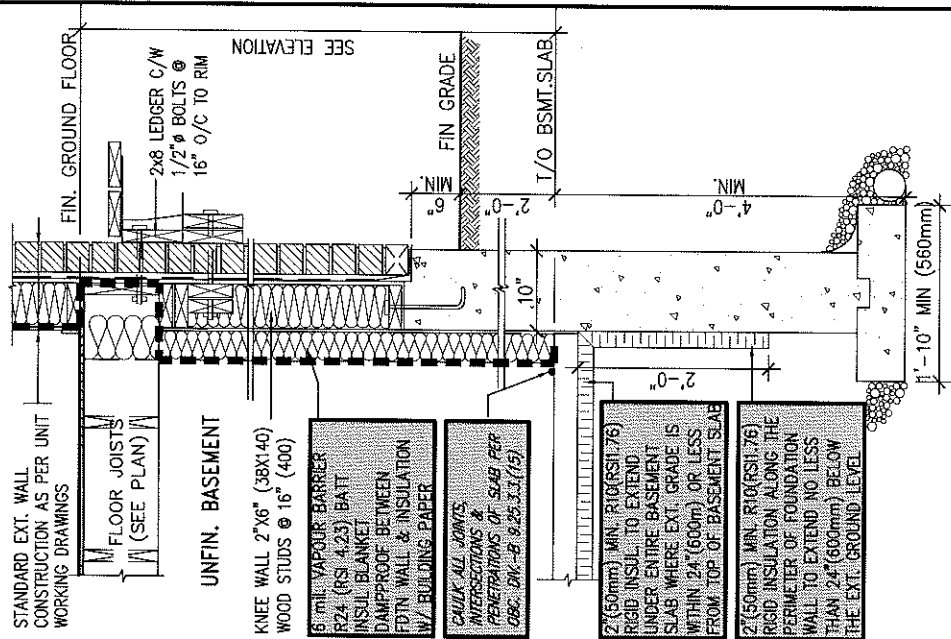
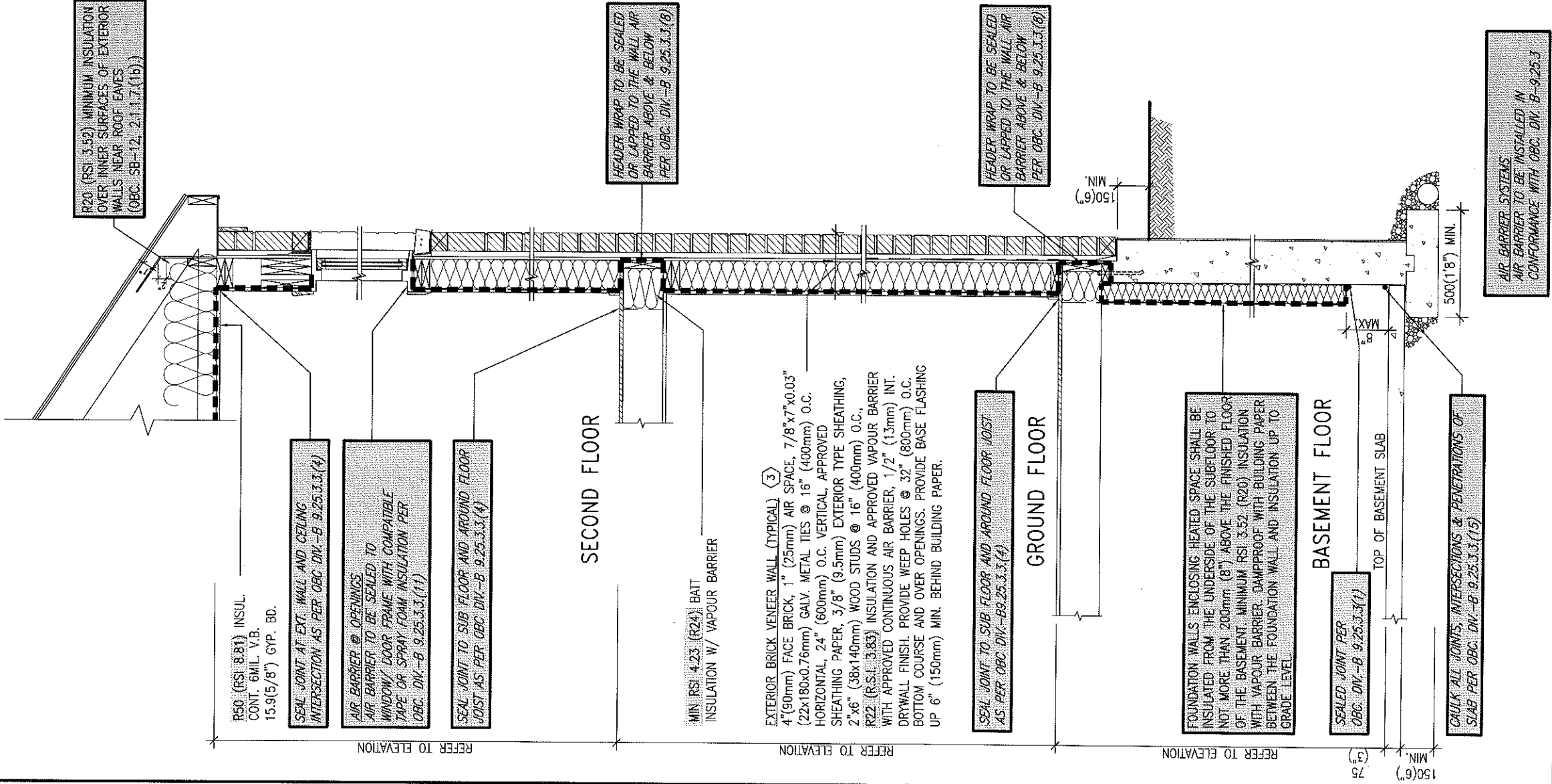


THE MINIMAL THERMAL PERFORMANCE OF BUILDING ENVELOPE AND EQUIPMENT SHALL CONFORM TO THE FOLLOWING SB-12 COMPLIANCE PACKAGE AS PER OBC SUPPLEMENTARY STANDARD SB-12, SECTION 2.1.1.1

USE SB-12 COMPLIANCE PACKAGE (I):		
COMPONENT	I	Notes:
Ceiling with Attic Space		
Minimum RSI (R) value	8.81 (R50)	BLOWN - LOOSE
Ceiling without Attic Space	5.46 (R31)	BATT or SPRAY
Minimum RSI (R) value		
Exposed Floor	5.46 (R31)	BATT or SPRAY
Minimum RSI (R) value		
Walls Above Grade	3.87 (R22)	6" R22 BATT
Minimum RSI (R) value		
Basement Walls	3.52 (R20)	6" R20 BLANKET
Minimum RSI (R) value		
Edge of Below Grade Slab	1.76 (R10)	RIGID INSUL
Minimum RSI (R) value		
Minimum RSI (R) value		
Windows & Sliding glass Doors	1.8	DOUBLE PANE LOW EMISSIVITY
Maximum U-value		
Skylights	2.8	DOUBLE PANE LOW EMISSIVITY
Maximum U-value		
Space Heating Equipment Minimum AFUE	92%	NATURAL GAS
Hot Water Heater Minimum EF	0.62	NATURAL GAS
HRV		
Minimum Efficiency	55%	-

EW3 TYPICAL EXT. WALL AIR BARRIER CONTINUITY
CN5 SECTION W/ BRICK VENEER SCALE: 1/2" = 1'-0"



SECTION AT W.O.D/W.O.B.

1

AIR BARRIER FOR SB-12

JAN 2012

By

No.

Revision

Date

By

Contractor must verify all dimensions on the job and report any discrepancy to the architect before proceeding with the work. All drawings and specifications are instruments of service and the property of the architect which must be returned at the completion of the work.

Drawings are NOT to be scaled.

Viljoen Architect Inc.

BCDN: 674

300 A Wilson Avenue

Toronto, Ontario

M3H 1S8

TEL: (416) 630-2255

FAX: (416) 630-4782

EMAIL: info@viljoenarch.com

ONTARIO ASSOCIATION OF ARCHITECTS

Kenneth Viljoen

2393

LICENCE

Client

PHOENIX HOMES

Project Name

SHADOW RIDGE ESTATES

OSGOODE, ONTARIO

Sheet Title

DETAILS

COMPLIANCE PACKAGE CRITERIA

Drawn By

VAI

Checked By

X

Project No.

06087

Scale

1:1

Date

JANUARY 2012

Drawing No.

CN2

File Name

AIR BARRIER PAK 1

brian - H:\ARCHIVE\WORKING\2006\06087.PHO\SB12\AIR BARRIER PKG-1.dwg - Mon, Feb 27 2012 - 4:12 PM

STUD WALL REINFORCEMENT FOR FUTURE GRAB BARS IN MAIN BATHROOM

REINFORCEMENT OF STUD WALLS SHALL BE INSTALLED ADJACENT TO WATER CLOSETS AND SHOWER OR BATHTUB IN MAIN BATHROOM.

FUTURE GRAB BARS TO BE MOUNTED TO RESIST HORIZ. AND VERT. LOADS OF 1.3 KN (300 lb)

REFER TO OBC. 9.5.2.3, 3.8.3.8.(1)(d) & 3.8.3.13.(1)(f). AND DETAILS PROVIDED.

1 VERTICAL STUDS

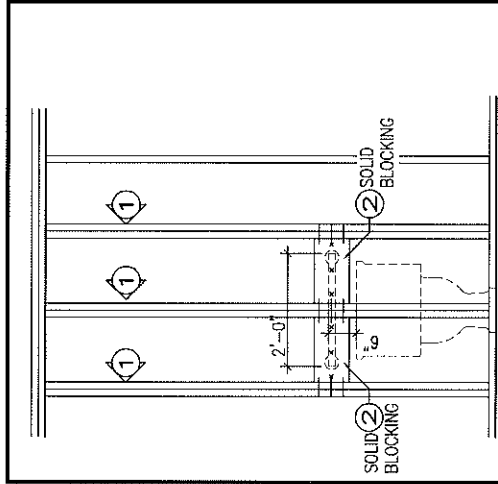
9'-0" HIGH CEILINGS
2/2"x6" SPR. #2 OR
3/2"x4" SPR. #2

VERTICAL STUDS

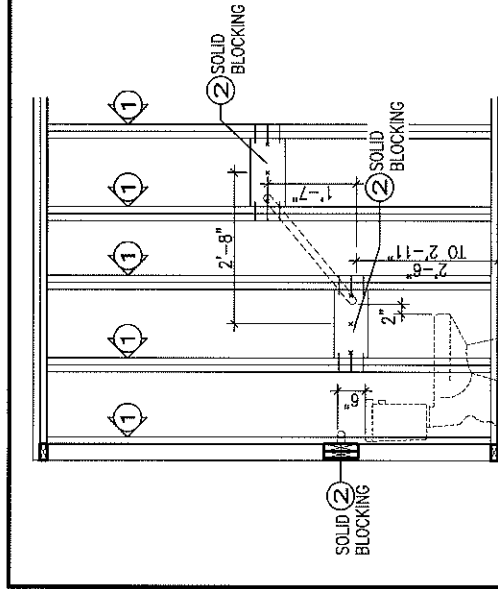
8'-0" HIGH CEILINGS
2/2"x6" SPR. #2 OR
3/2"x4" SPR. #2

2 SOLID BLOCKING

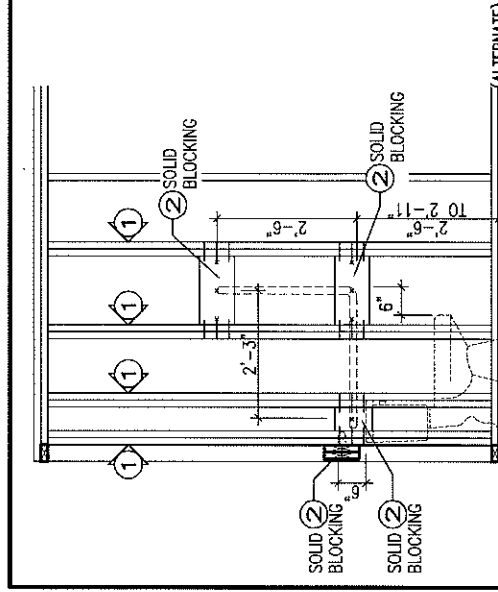
2/2"x8" SPR. #2 NAILED WITH 3-ROWS
OF 3" LONG COMMON NAILS @ 6" O.C.
AND END NAILED TO STUDS WITH
3/2"x4" SPR. #2 (4" WALL) 6-3 1/2" LONG COMMON NAILS



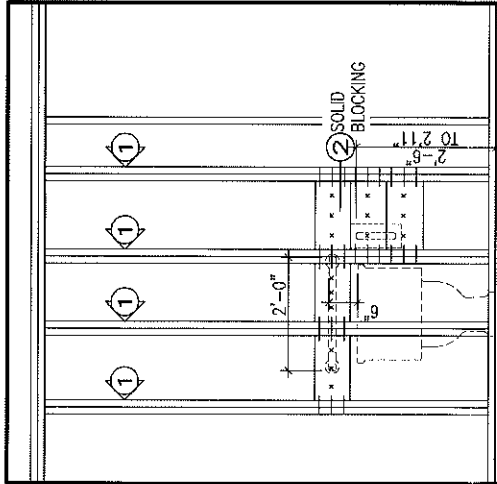
GB1 FUTURE GRAB BAR
(BACK WALL)
@ TOILET



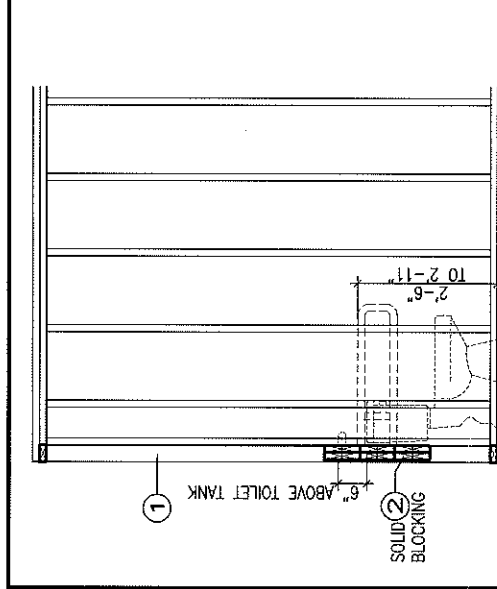
GB1A FUTURE DIAGONAL GRAB BAR
DETAIL



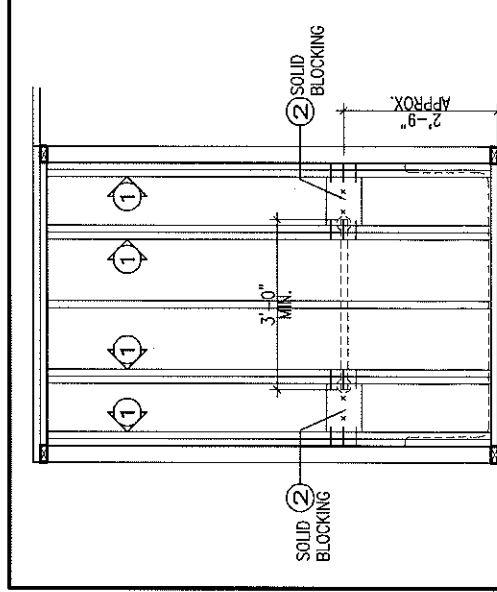
GB1B FUTURE L-SHAPED GRAB BAR
(ALTERNATE)
DETAIL



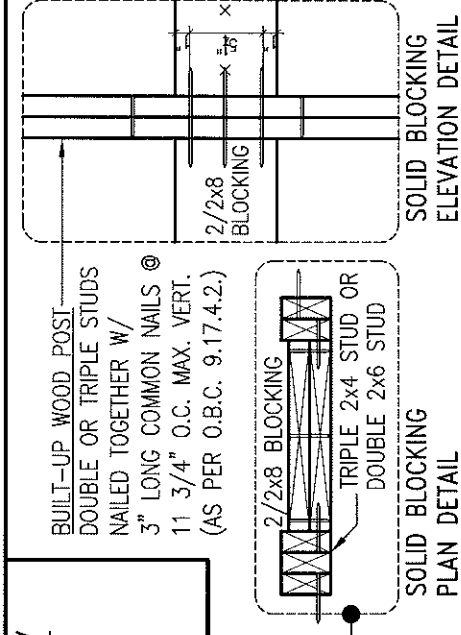
GB2 FUTURE U-SHAPED GRAB
BAR @ TOILET W/
REAR GRAB BAR (REAR VIEW)



GB2 FUTURE U-SHAPED GRAB
BAR @ TOILET W/ REAR GRAB BAR
(SIDE VIEW)



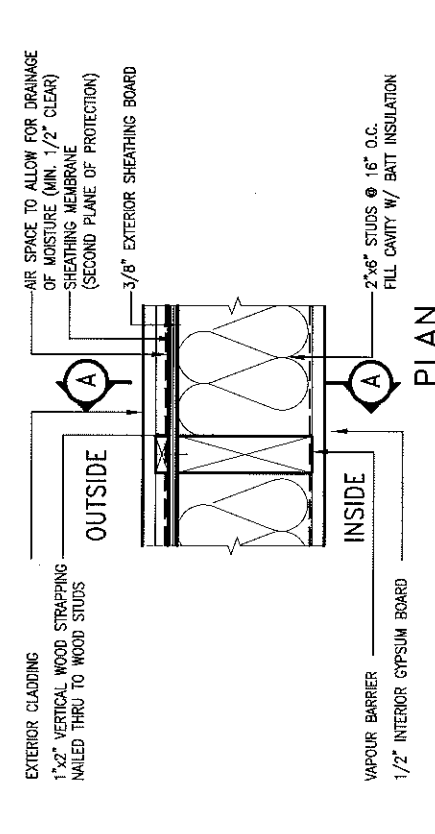
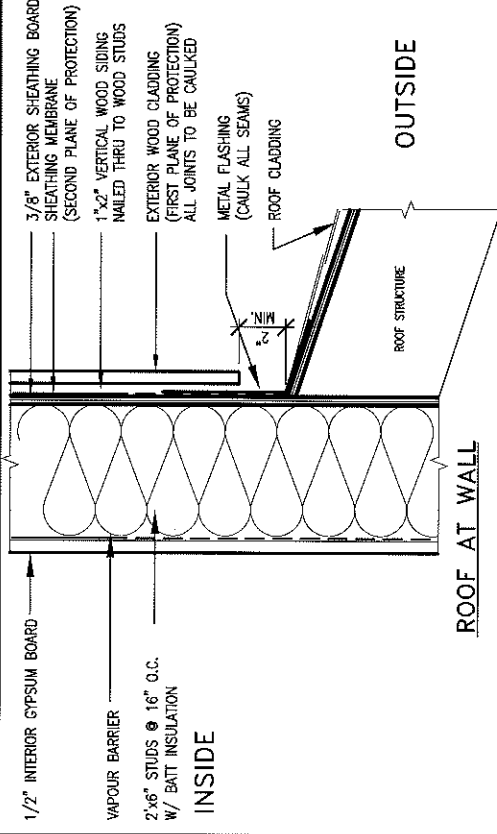
GB3 FUTURE GRAB BAR IN
SHOWER / BATHTUB
(SIDE VIEW)



SOLID BLOCKING
PLAN DETAIL

SOLID BLOCKING
ELEVATION DETAIL

OBC 2006



EXTERIOR WOOD CLADDING WALL ASSEMBLY

MAX. HEIGHT FOR 2"x4" GARAGE WALL IS AS FOLLOWS:

- 2"x4" @ 16" O.C. - 9'-10"
- 2-2"x4" @ 12" O.C. - 10'-9"
- 3-2"x4" @ 16" O.C. - 11'-2"
- 3-2"x4" @ 12" O.C. - 12'-4"

NOTES:

- FOR ROOF DESIGN SNOW LOAD OF 2.6 KPa
- SUPPORTED ROOF TRUSS LENGTH OF 6.0m AND FLOOR JOIST LENGTH OF 2.5m OF ONE FLOOR
- PROVIDE HORIZONTAL SOLID BLOCKING
- 1200 O.C. (4'-0")
- OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE

** MAX. HEIGHT FOR 2"x6" EXTERIOR WALL IS AS FOLLOWS:

- 2"x6" @ 16" O.C. - 12'-6"
- 2"x6" @ 12" O.C. - 13'-10"
- 2-2"x6" @ 16" O.C. - 15'-0"
- 2-2"x6" @ 12" O.C. - 17'-4"

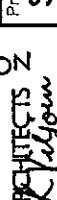
MAX. HEIGHT FOR 2"x8" EXTERIOR WALL IS AS FOLLOWS:

- 2"x8" @ 16" O.C. - 16'-0"
- 2"x8" @ 12" O.C. - 17'-9"
- 2-2"x8" @ 16" O.C. - 20'-4"
- 2-2"x8" @ 12" O.C. - 22'-4"

NOTES:

- FOR ROOF DESIGN SNOW LOAD OF 2.6 KPa
- SUPPORTED ROOF TRUSS LENGTH OF 6.0m ONLY.
- PROVIDE HORIZONTAL SOLID BLOCKING
- 1200 O.C. (4'-0")
- PROVIDE A MINIMUM OF 9.5mm (3/8") PLYWOOD OR OSB EXTERIOR SHEATHING ON THE EXTERIOR FACE AND 12.5mm (1/2") GYPSUM BOARD ON THE INTERIOR FACE.
- WALL FRAMING SHALL CONFORM TO OBC 9.2.3.10.1.(2)

** STUD INFORMATION TAKEN FROM OBC TABLE A-30

						Client		PHOENIX HOMES		Sheet Title	
								SHADOW RIDGE ESTATE		CONSTRUCTION DETAILS	
								OSGOODE, ONTARIO		Drawn By	
								UNIT S3		Project No.	
								UNIT S3		06087	
								UNIT S3		Date	
								UNIT S3		FEBRUARY 2007	
								UNIT S3		File Name	
								UNIT S3		06087-S3	
								UNIT S3		Drawing No.	
								UNIT S3		C2	
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			
								UNIT S3			

Viljoen Architect Inc.

BCDN: 674

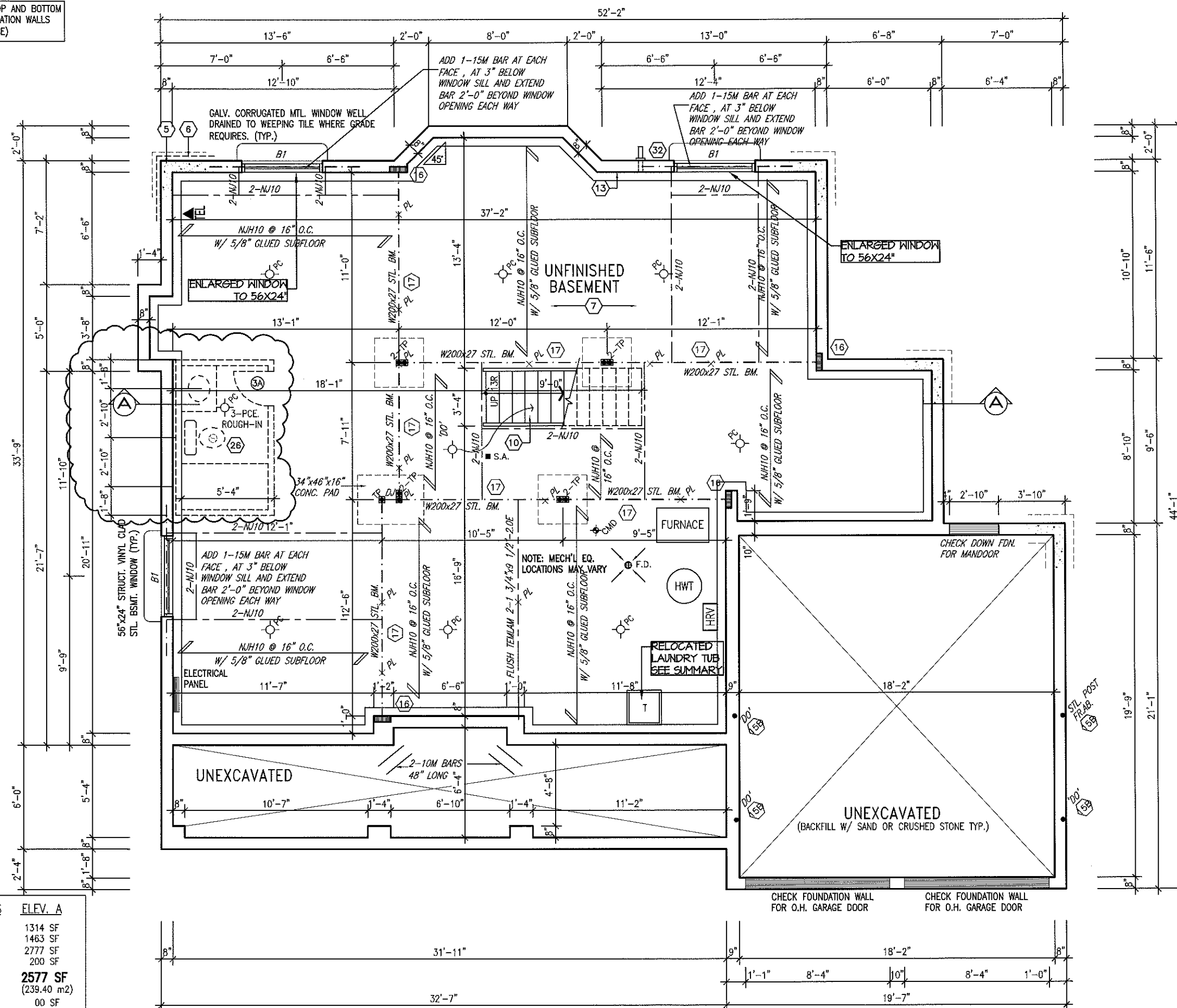
300 A Wilson Avenue
Toronto, Ontario
M3H 1S8
TEL: (416) 630-2255
FAX: (416) 630-4782
EMAIL: info@viljoenarch.com



No.	Revision	Date	By
3	REVISED AS PER ENGINEER'S COMMENTS AND ISSUED FOR CONSTRUCTION	JAN. 9/08	IV
2	REVISED AS PER TRUSS & FLOOR COORD.	OCT. 24/07	CL
1	ISSUED FOR CLIENT REVIEW, TRUSS & FLOOR DESIGN	FEB. 20/07	TDS

Contractor must verify all dimensions on the job and report any discrepancy to the architect before proceeding with the work. All drawings and specifications are instruments of service and the property of the architect which must be returned at the completion of the work. Drawings are NOT to be scaled.

NOTE: PROVIDE 2-10M TOP AND BOTTOM BARS ALL AROUND FOUNDATION WALLS (UNLESS NOTED OTHERWISE)



AREA CALCULATIONS	
GROUND FLOOR AREA	1314 SF
SECOND FLOOR AREA	1463 SF
SUBTOTAL	2777 SF
DEDUCT ALL OPEN AREAS	200 SF
TOTAL NET AREA	2577 SF
	(239.40 m ²)
FINISHED BSMT AREA	00 SF
COVERAGE	1720 SF
W/OUT PORCH	(159.79 m ²)
COVERAGE	1922 SF
W/ PORCH	(178.55 m ²)

BASEMENT PLAN-A

Footprint: 53-A	Sheet Title: BASEMENT-A
Drawn by: TD5	Checked by: OF
Date: FEB. 2007	Scale: 3/16"=1'
Sheet no: 1A	6

2 REV. AS PER CONST. SUMMARY	AUG23-13	SD
1 REV. AS PER CONST. SUMMARY	JUL24-13	SD
No. Description	Date	By
REVISIONS		

BABYLONIAN-2007-A
SITE: SHADOW RIDGE2
LOT NUMBER: 75
CIVIC ADDRESS: 6552 WATERDOWN ST.

Viljoen Architect Inc.
 300 A Wilson Avenue
 North York, Ontario
 M3H 1S8
 TEL: (416) 630-2255
 FAX: (416) 630-4782

