GENERAL NOTES

LUMBER

See Structural Notes for details.

CONCRETE

See Structural Notes for details.

GENERAL

1. General Contractor to check and verify all drawings, dimensions, and elevations before commencing work. Report any discrepancy to the Designer.

- 2. Drawings are not to be scaled.
- 3. Construction methods and technologies to confirm requirements of BCBD 2012.

4. materials to be use in strict accordance with manufacturer's recommendations. 5. Tree removal to be confirmed by local authorities.

6. General Contractor shell pass all necessary inspections.

VENTILATION

- 1. Uniformly distribute ventilation to flat and vaulted roofs to 1/150 of insulated ceiling area. Venting is required to be two-way.
- 2. Min. 2 x 2 cross-purlins to flat, vaulted ceilings, and decks over living areas to conform to #9.19.1.2. 3. Provide min. 2 ¹/₂" clearance between roof sheathing and insulation #9.19.1.3. Provide min. 1" clearance between insulation
- and top of roof joists. 4. Ventilate attics to 1/300 of insulated ceiling area.
- 5. Roof vents must be uniformly distributed with a minimum of 25% at base and 25% in rooftop.
- 6. Provide attic hatch of 3.4sf in area with no dimensions less than 1'10"
- 7. Submit Mechanical Ventilation/Air Conditioning design and letter of supervision by Professional Engineer, certified HRAI or HVC Technician. 8. Continuous or intermittent exhaust fans are required to all bathrooms and kitchens as per #9.32.3.3.

INSULATION

- 1. Insulation where subject to mechanical damage is to be covered as per #9.25.2.3.(7) with drywall or equivalent (e.g. crawl storage areas).
- 2. Minimum insulation values R20 walls, R28 for flat or vaulted ceilings, and R40 for attic spaces. 3. Ceiling and walls to have 6 mil U.V. poly fully caulked as per # 9.25.
- 4. R10 rigid insulation required around unheated slabs on grade; 20" vertical or horizontal from bottom edge of slab.
- 5. R12 rigid insulation required under entire slab area and a thermal break at the exterior walls for slabs with radiant heating.

STAIRS

- 1. Straight stair: Rise min. 5" max. 7.87" Run min. 8.25" max. 14"
- 2. Maximum 1" nosing on stair treads.
- 3. Minimum headroom is 6'-5" from a line through nosings, measured vertically. 4. Handrail to be between 32" to 38" from a line, measured vertically, through nosing.
- 5. Primary stair minimum width 2'-10".
- 6. Handrail req'd. on interior stairs with three or more risers.
- 7. Handrail as a guard is to be between 36" and 42".

CHIMNEY & FIREPLACES

- 1. Minimum 2" clearance between chimney and combustible framing.
- 2. Minimum 4" clearance between fireplace and combustible framing.
- 3. Hard wired C.O. detectors are required in each bedroom or within 5 meters of each bedroom door in conformance with #9.32.4.2 GUARDRAILS

- 1. Guardrails to be a minimum 42" exterior and 36" interior height.
- 2. No member facilitating climbing permitted from 5.5" to 36" above the floor or walking surface (in all guards).
- 3. Maximum 4" opening in all stair, deck and balcony guards (interior and exterior).
- 4. All glass guards to have top cap unless approved by Prof. Engineer. 5. A minimum of 36" in height is permitted for decks within 5'-11" of grade.
- 6. Guard required to all drops exceeding 24" where access is provided (e.g. window wells).
- 7. Guard required where the adjacent surface within 4'-0" m of the walking surface has a slope of more than 1 in 2.

GLAZING

- 1. Glass in windows and doors to be double-glazed.
- 2. Glass in entrance, shower and sliding doors, and windows within 8" of floors and within 36" of deadbolts are all to be safety glass. 3. Sidelights 20"+ in width are to be safety glass.
- 4. Windows in walls enclosing shower or tubs are to be safety glass and be located above the waterproof wall finish height.
- 5. The bottom of an openable window in a bedroom is not to exceed 4'-11" above the floor, and have a min. opening width of 15" with an area of 3.75sf,
- unless the house is sprinklered.
- 6. Windows over stairs, ramps and landings that extend to less than 36" above the surface shall be protected with guards
- or be non-openable and designed to #4.1.5.15. 7. Window wells are to be 22" minimum width when required as a bedroom egress.
- 8. Bedroom windows required as exits must maintain the required opening during an emergency without the need for additional support in conformance with #9.7.1.2.2.b.

9. Where a protective enclosure is installed over a window well, it shall be openable from the inside without the use of keys, tools, or special knowledge.

MOISTURE PROTECTION

- 1. Provide flashing between horizontal intersections of differing wall finishes. All flashing to slope away from the building a minimum of 6%.
- 2. Provide flashing at all wall-roof junctions, including parapets for solid guards on decks. 3. Rainscreen assembly required for all buildings, with a minimum capillary break of 3/8".
- 4. All platforms are roofs.
- 5. All roofs must slope 1 in 50 away from walls, this includes parapet walls surrounding decks.
- 6. 6" clearance required between deck membranes & floor.

MISCELLANEOUS

- 1. Lino or equal required to bathroom floors.
- 2. Waterproof wallboard required as tile base around tubs and showers.
- 3. 5/8" Drywall required to ceiling members at 24" o.c.
- 4. Provide 8" clearance between grade and siding. 5. Damp-proofing slabs, including crawl spaces, are to be 6 mil "UV" poly.
- 6. Furnace and laundry room door width of 2'-8" min.
- 7. N.R.P. hinges required for outswing exterior doors.
- 8. Hardwired and interconnected smoke alarms required on every floor level differing by 36", within 16'-4" of bedroom doors, and within 50'-0" of each other.
- 9. A 5lb A.B.C. dry chemical fire extinguisher is required @ kitchen area.
- 10. Heating and air conditioning equipment must be secured to the building to resist overturning and displacement. 11. Doors between garage and dwelling are to be a self-closing and weather-stripped solid core door.

10.019121000		
PROPERTY ADDRESS: 2950 ROSEBERY AVE. DISTRICT OF V	VEST VANCOUVER B.C.	
ZONING:		
RS-2 LOT SIZE: 79,351.00 sq. ft. = 7,371.7	0 m2	
FAR: 35% = 23,805.30 sq. ft. = 2,211	.51 m2	
EXISTING AREAS:		
MAIN DWELLING, GROUND LEVEL:	6,011.28 sq.ft. = 558.45 m2	
INDOOR SWIMMING POOL:	2,664.28 sq.ft. = 247.51 m2	
ENCLOSED WALKWAY:	390.00 sq.ft. = 36.23 m2	
DETACHED SECONDARY SUITE FAR:	ALLOWED: 111.5 m2 = 1,200.21	. sq. ft.
PROPOSED:		
MAIN FLOOR:	1,00)6.30 sq ft = 93.48 m2
LOFT:	1	93.50 sq ft = 17.97 m2
TOTAL	1,19	99.80 sq ft = 111.45m2
LOT COVERAGE: ALLOWED 30% 23, EXISTING: 10,070.64 sq.ft. = 935.5	805.30 sq.ft. = 2,211.57 m2 6 m2 = 12.69%	
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LOT COVERAGE: ALLOWED 30% 23, EXISTING: 10,070.64 sq.ft. = 935.5 ADDED: 1,962.94 sq.ft. = 182.3 TOTAL: 12,033.58 sq.ft. = 1,117.9 COACH HOUSE SETBACKS FROM EXISTING DWELLING: FROM INDOOR SWIMMING POOL	805.30 sq.ft. = 2,211.57 m2 6 m2 = 12.69% 5 m2 91 m2 = 15.16%	147.24' = 44.88 153.67' = 46.84
LOT COVERAGE: ALLOWED 30% 23, EXISTING: 10,070.64 sq.ft. = 935.5 ADDED: 1,962.94 sq.ft. = 182.3 TOTAL: 12,033.58 sq.ft. = 1,117.9 COACH HOUSE SETBACKS FROM EXISTING DWELLING: FROM INDOOR SWIMMING POOL FRONT PROPERTY LINE:	805.30 sq.ft. = 2,211.57 m2 6 m2 = 12.69% 5 m2 91 m2 = 15.16% <u>PROPOSED:</u>	147.24' = 44.88 153.67' = 46.84 195.47" = 59.58
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LOT COVERAGE: ALLOWED 30% 23, EXISTING: 10,070.64 sq.ft. = 935.5 ADDED: 1,962.94 sq.ft. = 182.3 TOTAL: 12,033.58 sq.ft. = 1,117.9 COACH HOUSE SETBACKS FROM EXISTING DWELLING: FROM INDOOR SWIMMING POOL FRONT PROPERTY LINE: FROM GARAGE: 4.00'= 1.22m SIDES: 4.00'= 1.22m	805.30 sq.ft. = 2,211.57 m2 6 m2 = 12.69% 5 m2 91 m2 = 15.16% <u>PROPOSED:</u> <u>PROPOSED:</u> <u>PROPOSED:</u> <u>PROPOSED:</u>	147.24' = 44.88 153.67' = 46.84 195.47' = 59.58 7.41' = 2.26 SIDE: 4.00' = 1.22
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GRADE CALCULATIONS

MAIN	BUILDING								
Finish	grade				Natu	iral Grade			
	Elev 1	Elev 2	Length	average		Elev 1	Elev 2	Length	average
A	274.5	274.5	13.08	3590.46	A	274.52	274.45	13.08	3590.26
в	274.5	274.5	16.92	4644.54	в	274.45	274.7	16.92	4645.81
c	274.5	274.5	8.17	2242.67	C	274.7	274.8	8.17	2244.71
D	274.5	274.5	19.92	5468.04	D	274.8	275.25	19.92	5478.50
Ē	274.5	274.5	2	549.00	E	275.25	275.3	2	550.55
É	274.5	274.5	10.04	2755.98	F	275.3	273.5	10.04	2754.98
G	274.5	274.5	23.46	6439.77	G	273.5	273.85	23.46	6420.42
H	274.5	274.5	10.04	2755.98	н	273.85	273.9	10.04	2749.71
	274.5	274.5	1.17	321.17	í.	273.9	274.15	1.17	320.61
	274.5	274.5	7.96	2185.02	1	274.15	274.6	7.96	2184.03
έ.	274.5	274.5	3.25	892.13	к	274.6	274.6	3.25	892.45
ě.	274.5	274.5	11.25	3088.13	L	274.6	274.65	11.25	3089.53
M	274.5	274.5	3.25	892.13	M	274.65	274.6	3.25	892.53
N	274.5	274.5	11.08	3041.46	N	274.6	274.57	11.08	3042.40
D	274.5	274.5	5.37	1474.07	0	274.57	274.55	5.37	1474.39
	274.5	274.5	6.54	1795.23	Р	274.55	274.52	6.54	1795.46
			153.50	42135.75	274.50			153.50	42126.32
GARAC	3E								
ə1	281	281	0.67	188.27	а	280.7	274.6	24	6663.60
a2	275	274.5	2.08	571.48					
a3	274.5	274.5	21.25	5833.13					
Б	274.5	274.5	21	5764.50	ь	274.6	274.85	21	5769.23
2	274.5	279.25	24	6645.00	C	274.85	279.25	24	6649.20
d	279.25	281	. 21	5882.63	d	279.25	280.7	21	5879.48
			90.00	24885.00	276.50			90.00	24961.50

274.44

277.35

PROJECT 2950 Rosebery Ave, West Vancouver TITLE General Notes/ Zoning Information/ Grades Calculations Author Checker DATE

20Aug22

NO.

SCALE

NOTES

REVISION

PROJECT:

DRAWING NO.





 $\underbrace{1}_{1/4"} = 1'-0"$





NOTES	
NOTES	
REVISION	NO.
2950 Rosebe West Vanc	ery Ave, ouver
Roof Pl	an
DRAWN REVIE	WED NA
DATE	20Aug22
SCALE	a / A !!
PROJECT:	1/4" = 1'-0"
DRAWING NO.	





1 <u>Cross - Section</u> 1/4" = 1'-0"

NOTICE: FOR DESIGN LOADS, LOCATION AND DETAILS OF STRUCTURAL ELEMENTS, INCLUDING: LOAD-BEARING WALLS, SHEAR WALLS, FOOTINGS, FOUNDATION WALLS, POSTS, BEAMS, JOISTS AND LINTELS SEE STRUCTURAL SET OF DRAWINGS AND NOTES.

<u>ESW</u>	Exterior Siding Wall	TYPICAL	ROOF ASSEMBLY
• • • • • • • • • • • • •	HardyBoard Horizontal Siding (Optional LongBoard Aluminum Siding) 1" x 4" Strapping Tyvek HouseWrap Membrane 1/2" Plywood Sheathing 2" x 6" Studs 16" O.C. Double Top Plate Double Bottom Plate R-22 Insulation Min. 6 MIL Poly on Warm Side of Insulation	• • • •	RODFING 1/2" Plywood Sheathing Roof Joists (See Structural No Insulation R-28 min. Vapor Barrier 6 MIL. Poly 6" Ov 1/2" Drywall Ceilings
•	1/2" GYPSUM WALLBOARD	TYPICAL	DECK OVER LIVING SPACE ASSEMBLY
<u>W1</u> T	TYPICAL INTERIOR WALL :	• • • •	DECKING TORCH-ON ROOFING 1/2" PLYWOOD SHEATHING ROOF JOISTS (SEE STRUCTURAL NO INSULATION R-28 MIN., 4" TYPE 2 F VAPOR BARRIER 6 MIL. POLY 6" OV
• • •	2" x 4" Studs 16" O.C. Double Top Plate Double Bottom Plate for Concrete Topping 1/2" Gypsum Wall Board on Each Side	•	1/2" Drywall Ceilings

LBW TYPICAL INTERIOR LOAD BEARING WALL :

- 2" x 6" Studs 16" D.C. DOUBLE TOP PLATE
- DOUBLE BOTTOM PLATE FOR CONCRETE TOPPING 1/2" GYPSUM WALL BOARD ON EACH SIDE

ITES AND SHOP DRAWINGS) VERLAP SEALED

- FIRE RATED TORCH-ON ROOFING 1/2" PLYWOOD SHEATHING

DTES AND SHOP DRAWINGS) POLYURETHANE SPRAY ROAM INSULATION 2.09 LB/SQ.FT.; R=7.4/INCH /ERLAP SEALED

GENERAL NOTES

LUMBER

SEE STRUCTURAL NOTES FOR DETAILS.

CONCRETE

SEE STRUCTURAL NOTES FOR DETAILS.

GENERAL

TO THE DESIGNER.

2. DRAWINGS ARE NOT TO BE SCALED.

3. CONSTRUCTION METHODS AND TECHNOLOGIES TO CONFIRM REQUIREMENTS OF BCBD 2018. 4. MATERIALS TO BE USE IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

5. TREE REMOVAL TO BE CONFIRMED BY LOCAL AUTHORITIES.

6. GENERAL CONTRACTOR SHELL PASS ALL NECESSARY INSPECTIONS.

INSULATION

1. Insulation where subject to mechanical damage is to be covered as per #9.25.2.3.(7) with drywall or equivalent (e.g. crawl storage areas). 2. MINIMUM INSULATION VALUES R2D WALLS, R28 FOR FLAT OR VAULTED CEILINGS, AND R40 FOR ATTIC SPACES. 3. Ceiling and walls to have 6 mil U.V. poly fully caulked as per # 9.25. 4. R10 rigid insulation required around unheated slabs on grade; 20" vertical or horizontal from bottom edge of slab.

STAIRS

1. Straight stair: Rise min. 5" max. 7.87" Run min. 8.25" max. 14"

2. MAXIMUM 1["] NOSING ON STAIR TREADS.

3. MINIMUM HEADROOM IS 6-5" FROM A LINE THROUGH NOSINGS, MEASURED VERTICALLY 4. Handrail to be between $32^{"}$ to $38^{"}$ from a line, measured vertically, through nosing.

5. WINDERS TO CONFORM TO 9.8.4.5.

6. PRIMARY STAIR MINIMUM WIDTH 2-10". 7. Stairs $43^{"}$ in width or greater require 2 handrails. 8. HANDRAIL RED.D. ON INTERIOR STAIRS WITH THREE OR MORE RISERS, AND EXTERIOR STAIRS WITH FOUR OR MORE RISERS. 9. Handrail as a guard is to be between $36^{"}$ and $38^{"}$.

GUARDRAILS

1. Guardrails to be a minimum $42^{"}$ exterior and $36^{"}$ interior height. 2. No member facilitating climbing permitted from 5.5" to 36" above the floor or walking surface (in all guards).

3. Maximum 4" opening in all stair, deck and balcony guards (interior and exterior).

4. All glass guards to have top cap unless approved by Prof. Engineer. 5. A minimum of 36" in height is permitted for decks within 5'-11" of grade.

6. Guard required to all drops exceeding $24^{"}$ where access is provided (e.g. window wells). 7. Guard required where the adjacent surface within $4^{ ext{-O}^{ ext{H}}}$ m of the walking surface has a slope of more than 1 in 2.

GLAZING

1. GLASS IN WINDOWS AND DOORS TO BE DOUBLE-GLAZED. 2. Glass in entrance, shower and sliding doors, and windows within 8" of floors and within 36" of deadbolts are all to be safety glass.

3. SIDELIGHTS $20^{"+}$ in width are to be safety glass. 4. WINDOWS IN WALLS ENCLOSING SHOWER OR TUBS ARE TO BE SAFETY GLASS AND BE LOCATED ABOVE THE WATERPROOF WALL FINISH HEIGHT. 5. Windows over stairs, ramps and landings that extend to less than 36" above the surface shall be protected with guards OR BE NON-OPENABLE AND DESIGNED TO #4.1.5.15.

MOISTURE PROTECTION

1. PROVIDE FLASHING BETWEEN HORIZONTAL INTERSECTIONS OF DIFFERING WALL FINISHES. ALL FLASHING TO SLOPE AWAY FROM THE BUILDING A MINIMUM OF 6%.

2. PROVIDE FLASHING AT ALL WALL-ROOF JUNCTIONS, INCLUDING PARAPETS FOR SOLID GUARDS ON DECKS. 3. Rainscreen assembly required for all buildings, with a minimum capillary break of $3/8^{\circ}.$ 4. ALL PLATFORMS ARE ROOFS.

5. All roofs must slope 1 in 50 away from walls, this includes parapet walls surrounding decks. 6. 6[°] Clearance required between deck membranes & floor.

MISCELLANEOUS

1. LIND OR EQUAL REQUIRED TO BATHROOM FLOORS.

2. WATERPROOF WALLBOARD REQUIRED AS TILE BASE AROUND TUBS AND SHOWERS. 3. 5/8" DRYWALL REQUIRED TO CEILING MEMBERS AT 24" D.C.

4. PROVIDE 8" CLEARANCE BETWEEN GRADE AND SIDING.

5. Damp-proofing slabs, including crawl spaces, are to be 6 mil "UV" poly.

6. N.R.P. HINGES REQUIRED FOR OUTSWING EXTERIOR DOORS. 7. HARDWIRED AND INTERCONNECTED SMOKE ALARMS REQUIRED ON EVERY FLOOR LEVEL DIFFERING BY 36", WITHIN 16'-4" OF BEDROOM DOORS,

AND WITHIN 50'-0'' of each other.

B. A 5LB A.B.C. DRY CHEMICAL FIRE EXTINGUISHER IS REQUIRED @ KITCHEN AREA.

5. R12 RIGID INSULATION REQUIRED UNDER ENTIRE SLAB AREA AND A THERMAL BREAK AT THE EXTERIOR WALLS FOR SLABS WITH RADIANT HEATING.

1. GENERAL CONTRACTOR TO CHECK AND VERIFY ALL DRAWINGS, DIMENSIONS, AND ELEVATIONS BEFORE COMMENCING WORK. REPORT ANY DISCREPANCY

NOTES

REVISION

NO.

SCALE

20Aug22

2950 Rosebery Ave,

West Vancouver

Building Section

REVIEWED

PROJECT:

PROJECT

TITLE

DRAWN

DATE

IG

1/4" = 1'-0"

NA

DRAWING NO.



1 North (Front) Elevation 1/4" = 1'-0"



2 East (Left) Elevation 1/4" = 1'-0"

BUILDING IS SPRINKLERED THROUGHOUT- OCCUPANCY GROUP C MAIN BUILDING TABLE 9.10.14.4.-A

SPATIAL SEPARATION EAST WALL : LIMITING DISTANCE: 87.30 ft = 26.61 m (HALF DISTANCE BETWEEN POOL HOUSE AND COACH HOUSE) EXPOSED BUILDING FACE: 254.04 sq ft = 23.60 m2 ALLOWED AREA OF UNPROTECTED OPENINGS: 100% = 23.60 m2 PROPOSED AREA OF UNPROTECTED OPENINGS: 27.5 sq ft 2.55 m2 = 10.8%



PROJECT 2950 Rosebery Ave, West Vancouver TITLE Front & Left Elevations REVIEWED DRAWN

	IG	NA
DATE		
		20Aug22
SCALE		
		1/4" = 1'-0"

PROJECT:

NOTES

REVISION

DRAWING NO.



NO.



1 South (Rear) Elevation 1/4" = 1'-0"



2 West (Right) Elevation 1/4" = 1'-0"

BUILDING IS SPRINKLERED THROUGHOUT MAIN BUILDING TABLE 3.10.14.4.-B

SPATIAL SEPARATION WEST WALL: LIMITING DISTANCE: 4.00 ft = 1.22 m MAXIMUM AREA OF INDIVIDUAL UNPROTECTED OPENING FOR 1.2 m LIMITING DISTANCE IS 0.35 m2 PROPOSED: 4 UNITS OF 3.5 SQ.SF. =0.35 m2



PROJECT 2950 Rosebery Ave, West Vancouver TITLE

Rear & Right Elevations

DRAWN		REVIEWED	
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DATE			
			20Aug22
SCALE			
			1/4" = 1'-0"
	-		

PROJECT:

NOTES

REVISION

DRAWING NO.



NO.



1 3D View Front 1



3 3D View Front 2



2 3D View Rear 1



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6 Garage Roof Plan 1/4" = 1'-0"















NOTES	NO.
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West Vanco	uver
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Garage	
DRAWN REVIEWEI	
Author	Checke
Author	Checke
Author	Checke 20Aug2
Author DATE SCALE	Checke 20Aug2 1/4" = 1'-0





1 Driveway Profile 1" = 10'-0"





GRADE CHANGE 8-14%

NOTES NO. REVISION PROJECT 2950 Rosebery Ave, West Vancouver TITLE Driveway Profile DRAWN REVIEWED IG NA DATE 20Aug22 SCALE 1" = 10'-0" PROJECT:

DRAWING NO.

