



NYPH 2020 Technic	cal Workshops					de	esign PH	φ
	DesignPH SketchUp PHPP Ventilati	ion						
	DesignPH 2.0 A Powerful Tool	NYPH Members	General Admission	PHI CEUs				
	MODULE 01 BASIC FOR EVERYONE							
May 19th	01_Workflow: Modeling, Required Tools	Free	\$ 15	1.0 EC 🦻				
June 2nd	02_Solar: Location, Orientation, Axes, Shadow	Free	\$ 15	1.0 EC				
1-	MODULE 02 ADVANCED FOR PASSIVE HOUSE DESIGNE	2						
June 16th	03_Face Assignments: Exposure Type, U-Values, Creating Assemblies	Free	\$ 15	TBD				
TBD	04_Face Assignments: Below Grade, Shading Context, Non- Thermal Faces	Free	\$ 15	TBD				
	05_Assignments: Thermal Bridge, TFA Surface	Free	\$ 15	TBD				
	06_Window: Modeling, Components, Mullions and Reveals	Free	\$ 15	TBD				
	07_Window: Editing and Adjusting, Curtain Walls, Shading	Free	\$ 15	TBD				
	MODULE 03 PROFESSIONAL FOR ENERGY MODELERS							
	08_Analysis: Run Simulations, Results Tracker	TBD	\$ 15	TBD				
	09_Shading: Analyzing Window Radiation, Trees and Irregular Shading	TBD	\$ 15	TBD				
	10_PHPP: Exporting .PPP File, Importing .PPP File, Finish off the model in PHPP	TBD	\$ 15	TBD				
3/55					NY	PH NEW YORK PASSIVE HOUSE	bldgtyp	



DesignPH Review

Requirements	design PH $arphi$
 What you'll need: A copy of the DesignPH 2.0 plugin Sketchup 3-D modeling software A copy of the PHPP v.8 or 9 (and Excel) 	
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https://foursevenfive.	com/designph-2-0/	designPH 🌮
C G D C C BUILD LIKE T FIGH FROOMANCE BUILDING SUPPLY PRODUCTS / DESIGN AND TESTI HOME / PRODUCTS / DESIGN AND TESTI COSIGN PH 2.0 Products / DESIGN AND TESTI COSIGN PH 2.0 Products / DESIGN AND TESTI COSIGN PH 2.0 Products / DESIGN AND TESTI	E FUTURE DEPENDS ON IT	
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Exten	sion Manager	Home	Manage ╹		Ed M. 👤	✨
,	Extension Name			Author	Enable Disable	
2	Advanced Camera Tools Signed			SketchUp	Enabled	>
•	designPH 2.0.06 Signed			Dave Edwards, Harald Malzer, Dragos Arnautu	Enabled	>
	dPH+ Rooms			Ed May, bldgtyp, llc	Enabled	>
	dPH+ Windows			Ed May, bldgtyp, llc	Enabled	>
Ð	Dynamic Components Signed			SketchUp	Enabled	>
2_	Ruby Code Editor Signed			Alexander C. Schreyer, www.alexschreyer.net	Enabled	>
	Sandbox roots Signed Install Extension			SketchUp	Enabled	>

Start Desig	gnPH Plugin [Each t	ime you run Sketo	chup]
	2.0.06, registered to: ed.may [Unregister 2.0] [Help & St Overview Results Heat balance Clim V Heat balance	designPH main upport] [Wiki Manual] [Language: EN [2] late Vent.+IHG Areas U-value editor	Assemblies Components Shading Export
∿8 ⊘ 9	▼ Project overview Climate was changed, please re-analyse the model to The model has not been analysed! Climate Building type	p update the results! New York	change
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2								
2	R	S	Z	AA	AB	AC	AD	AE
15	Quan- tity	Description	Height of the shading object	Horizontal distance	Window reveal depth	Distance from glazing edge to reveal	Overhang depth	Distance from upper glazing edge to overhang
16			h _{Hori} [m]	d _{Hori} [m]	o _{Reveal} [m]	d _{Reveal} [m]	o _{over} [m]	d _{over} [m]
17	1	C1 - Lift and Slide	11.58	27.26	99.99	1.00	1.35	0.37
18	1	C2 - Lift and Slide	11.59	27.38	99.99	1.00	1.47	0.37
19	1	C3 - Lift and Slide	11.59	27.38	99.99	1.00	1.47	0.37
20	1	C4 - Lift and Slide	11.58	27.26	99.99	1.00	1.35	0.37
21	1	G1 - Lift and Slide	8.82	27.26	0.74	2.38	0.13	0.21
22	1	G2 - Lift and Slide	8.82	27.38	0.86	2.34	0.25	0.20
23	1	G3 - Lift and Slide	8.82	27.38	0.86	2.34	0.25	0.20
24	1	G4 - Lift and Slide	8.82	27.26	0.74	2.38	0.13	0.21
25	1	K - Tilt-Turn	5.25	29.10	1.67	2.54	0.15	0.14
26	1	L - Balcony Door	5.63	29.10	50.07	0.56	0.15	0.15
27	1	M - Tilt-Turn	5.21	29.10	50.07	0.56	0.15	0.14
28	1	P - Tilt-Turn	1.86	29.10	1.67	2.57	0.28	0,45
29	1	Q - Tilt-Turn	1.86	29.10	50.07	0.56	0.28	0.45
30	1	R - Tilt-Turn	1.86	29.10	50.07	0.56	0.28	0.45
31	1	A - Door	99.99	1.00	99.99	1.00	99.99	1.00
32	1	B - Fixed	99.99	1.00	99.99	1.00	99.99	1.00
33	1	D - Vestibule	99.99	1.00	99.99	1.00	99.99	1.00
34	1	E-Left - French Door	9.09	20.90	50.07	0.81	3.16	4.60
			0.00	20.00				

































