#	Workshop	Date	TOPIC	Timestamp (approx.)	Length (approx.)	Description	Presenter	Audience	Slides & other resources
1	Workshop 2	November 26, 2021	**What is a project?**		26 min	- What's involved in a project like housing development from beginning to middle to end. - Model formation. - Resources required within project delivery. - Framework around beginning, middle and end of development.	Benjie Nycum with Hadrian Laing	**All audiences**	
2	Workshop 3	December 7, 2021	**The Centre Plan**		23 min	The set of zoning restrictions on what you're allowed to do and build on your property. Why do we have zoning? What's the vision for Halifax in terms of the built environment?	Marcel Tarnogorski and Hadrian Laing, with Benjie Nycum	- Specific to the Halifax, Nova Scotia - **All audieneces** may find relevance in understanding city planning through this example	
			Introduction to the Centre Plan	0 - 7:00	7 min		Marcel Tarnogorski		
			Interactive online tool	7:00 - 10:27	3.5 min	Introducing and exploring the online interactive Centre Plan tool openly accessible to all.	Hadrian Laing, Benjie Nycum, Marcel Tarnogorski		https://hrm.maps.arcgis.com/apps/instant/lookup/index.html?appid=030dd8e387fb4be8a144b446cddbef88
			Parking requirements	10:27 - 11:52	1.5 min		Marcel Tarnogorski, Benjie Nycum		
			Zoning Envelope	11:52 - 14:17	2.5 min		Marcel Tarnogorski		
			Question: How is the amount of residential vs. commercial determined?	14:17 - 15:07	1 min		Marcel Tarnogorski		
			Question: What is the Centre Plan trying to accomplish in Dartmouth?	15:07 - 20:48	5.5 min		Marcel Tarnogorski		
			Question: What does the Centre Plan tell us about how the City is thinking about affordable housing?	20:48 - 23:30	3 min		Marcel Tarnogorski, Hadrian Laing		
3	Workshop 3	December 7, 2021	**Overview of two key resources**		9 min	Overview of key concepts from two recent reports on affordable houisng	Hadrian Laing	Specific to Nova Scotia in 2021 (both reports released spring 2021)	Slidedeck
			Resource 1: Keys to a Housing Secure Future for all Nova Scotians	0 - 2:27	2.5 min				https://policyalternatives.ca/publications/reports/keys-housing-secure-future-all-nova-scotians
			Resource 2: Charting a new course for affordable housing in Nova Scotia	2:27 - 8:57	6.5 min	Includes a conversation about affordability vs. cost		**All audiences** may find relevance in the conversation about affordability vs. cost	https://beta.novascotia.ca/sites/default/files/documents/1-2679/charting-new-course-affordable-housing-nova-scotia-en.pdf
4	Workshop 6	Jan 25, 2022	**Pre-design phase**		10 min	Definitions: business case, feasibility study Services Goals RAIC resources for reference	Hadrian Laing	**All audiences**	1. Slidedeck 2. RAIC Chapter 6.1 Pre-Design 3. Canadian Handbook of Practice for Architects

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5	Workshop 9	March 22, 2022	CMHC presentation	0 - 28:31	28 min	- National Housing Strategy - Guiding Principles - Phases of development and CMHC product offerings - Prioritization criteria - SEED Funding - National Housing Co-Investment Fund - Partnerships - Successful project examples	Marina Sloutsky, Outreach and Project Development, CMHC	All audiences within Canada (CMHC is a Canadian-wide funder)	1. Slidedeck 2. NHS Funded Projects in NS up to Dec 2021 3. Community Housing Transformation Centre grants 4. FCM's Early Planning Grant 5. Housing Market Information Portal breaks the region down into: - Dartmouth South - Dartmouth North - Dartmouth East
			Questions & discussion	28 - 38:30	10 min	Topics covered include: what level of detail is needed for projects to be able to work with CMHC?, at what point in the project is support available?, threshold of affordability, feasibility, 30% non-residential allowed, CMHC Innovation fund	Hadrian Laing & Marina Sloutsky		
6	Workshop 10	April 19, 2022	Cost planning & control		51 min	- How construction cost estimating and budgeting form part of the building planning, construction and design process. - How and when to utilize different cost strategies and the expected accuracy. - Apply this knowledge and understanding to design problems. - Questions and discussion	Benjie Nycum	All audiences	Altus Annual Canadian Cost Guides
7	Workshop 11	May 10, 2022	Schematic design phase		10 min	- recap of pre-design phase - discussion about this phase in the development journey - schematic design phase elements	Hadrian Laing	All audiences	1. Slidedeck 2. RAIC Chapter 6.2 Schematic Design 3. https://chop.raic.ca/chapter-6.2
8	Workshop 13	June 14, 2022	Creating compelling stories		47 min	- What is an architectural narrative? Is it 'just' a story or a design tool? - Why have an architectural narrative? - Use of architectural narrative - How to use your compelling story - Risks to an architectural narrative - Video: Kate Wagner on McMansions: The houses that people love to hate (~22 min) - Creating your architectural narrative - Video: TED Talk by Alejandro Aravena: My architectural philosophy? Bring the community into the process (~39 min)	Hadrian Laing	All audiences	Slidedeck
9	Workshop 14	July 12, 2022	Project teams & contracts		50 min	- Difference between engineers and architects - Key value that an architect brings: what is it that architects do? - The people on a project, the teams on a project - Project construction delivery methods	Benjie Nycum	All audiences	
			Engineers and architects	~ 5 - 8	3 min	Difference between engineers and architects			
			Architects	~ 8 - 12:25	4.5 min	Key value that an architect brings: what is it that architects do?			
			The people on the project	12:26 - 16:07	3.5 min	The people on a project, the teams on a project: - Architect Team - Design Team - Project Team - Influencers			
			The design phases in a project	16:08 - 22	6 min	Formalized standard process of designing a project: in the industry there are standard phases - cycles of intensity and lulls through the life of a project - projects as iterative			

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			Construction contracts	22 - 26:09	4 min	- The types of construction contracts that are held between clients and builders - Standard construction contracts			
			Project delivery	26:10 - 46:50	20 min	- Construction contract delivery - Terminology - Diagrams of project delivery, contracts and relationships between teams			
			Final comments	~47 - 49:05	2 min	- Decolonizing, DEI lens, inclusion, storytelling, conflict managment - Concluding comments			
10	Workshop 15	July 26, 2022	Conversations with affordable housing funders		22 min	Overview of funds offered through different organizations/institutions		- Specific to Nova Scotia - **All audiences within Canada** (2 Canada-wide funders and one Nova Scotia-specific)	Slidedeck
			Introductions	0 - 2:56	3 min	Introductions of each organizational representative	Hadrian Laing, Renée Hébert, Adrian Mason, Marina Sloutsky and Jeremy Tessier		
			Community Housing Transformation Centre	2:57 - 7:15	4 min	Overview of funds offered through the Centre: - Sector Transformation Fund – Local Projects - Sector Transformation Fund – Sectoral Impact Projects - Community-based Tenant Initiatives - Community Housing Growth Fund	Renée Hébert		- Awarded Grants (highlights) - Frequently asked questions - Partnership with the Federation of Canadian Municipalities (FCM)
			Housing Nova Scotia: Housing Development and Partnerships	7:16 - 13:13	6 min	Overview of relevant funds offered: - Nova Scotia Community Housing Growth Fund - Land for Housing Initiative - Affordable Housing Development Program - Community Housing Acquisition Program	Adrian Mason		
			Canada Mortgage and Housing Corporation (CHMC): Outreach and project development	13:20 - 16:58	3.5 min	- Contiuum of support: reach out early and often - Regional specialist - Lots of resources and guides in house for sharing	Marina Sloutsky and Jeremy Tessier		Refer to CMHC presentation (#5 above) and resources
			Overview of AHDN project	17:02 - 22:30	5.5 min	Overview of the Navigators role in the Affordable Housing Development Navigator Project	Hadrian Laing		