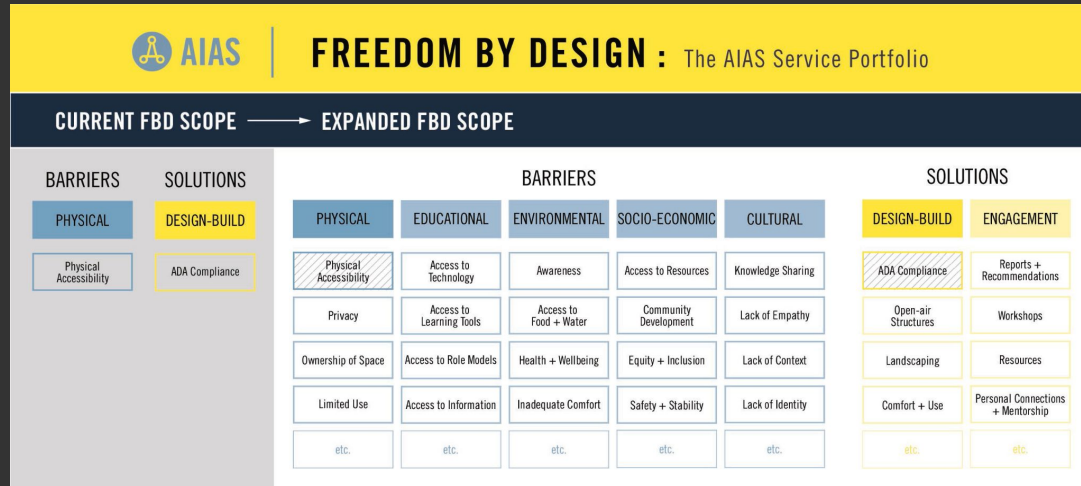

How to FBD

AIAS LEADERSHIP DAY | RE-FOCUSING

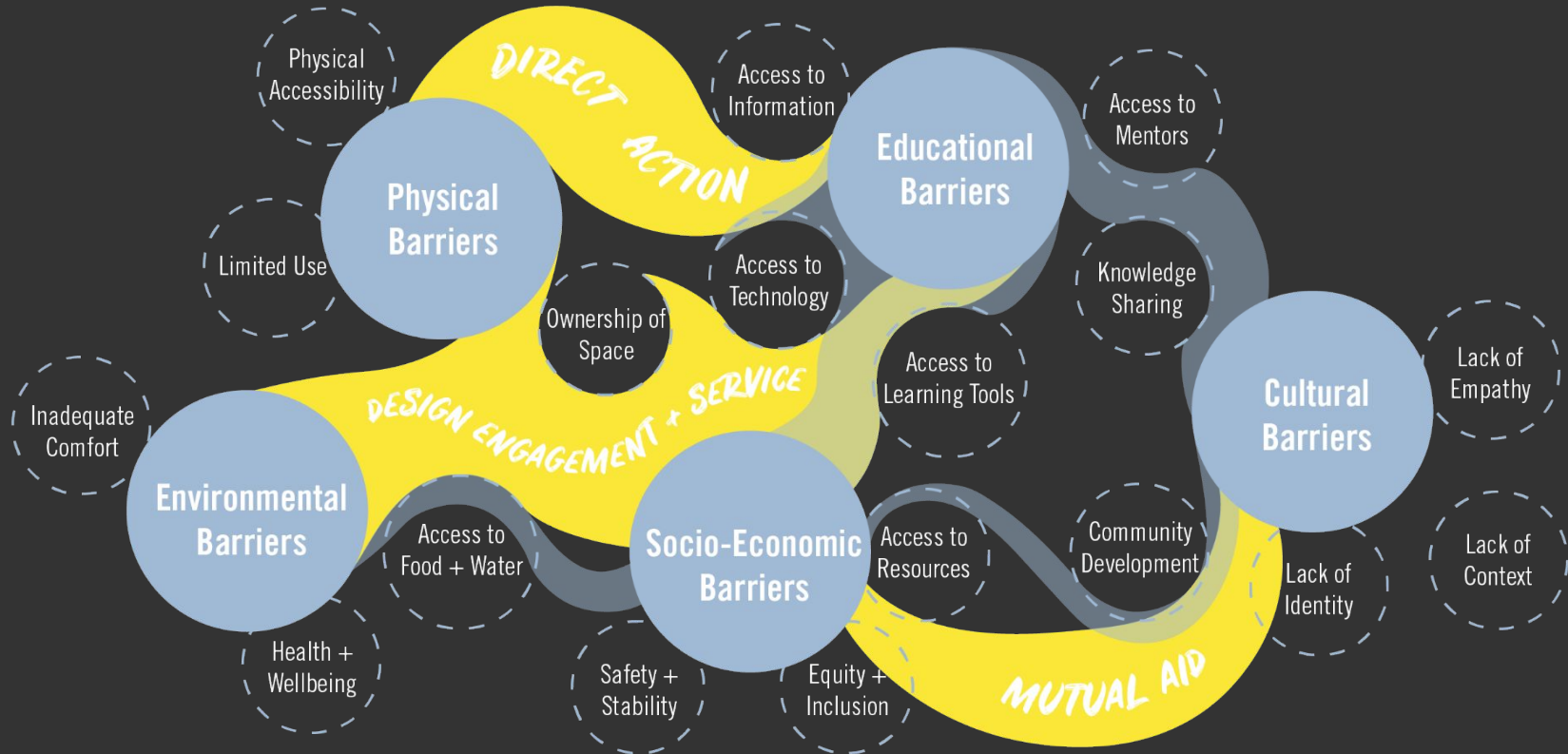
– Freedom By Design - A Brief History

- Established in 2004 by Brad Buchanan as a pilot program in the AIAS
- Six AIAS chapters initially joined the pilot
- Since then, FBD has continued to grow and expand across the world
 - Helping more people in more places by addressing barriers with design solutions
 - Expanding the original scope of FBD



– Revamping FBD - Present

The FBD scope in a new perspective



This list is **NOT**
exhaustive, FBD
projects can take
shape in many
different ways!

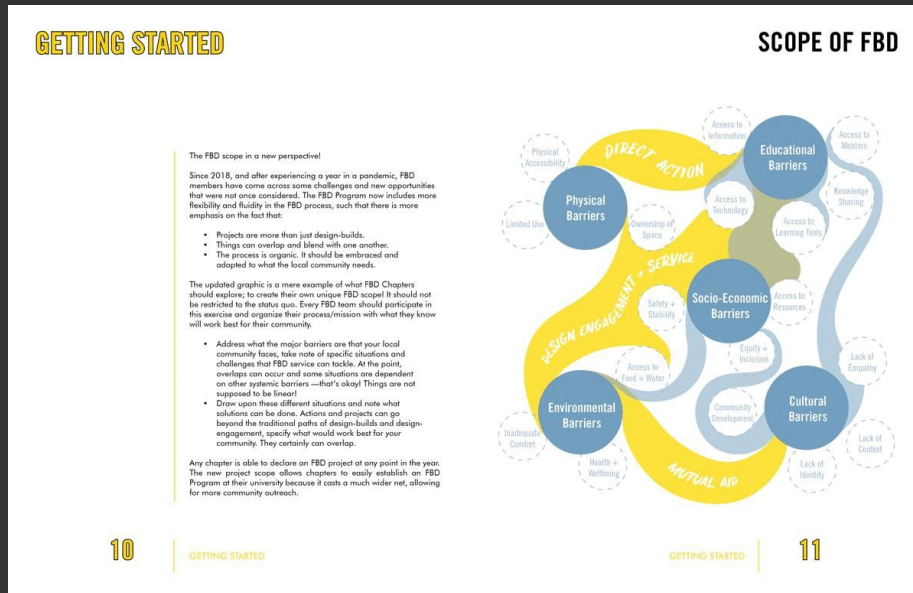
Project Types

- **Service:**
 - Small one-day projects/events. Rooted in volunteering and direct mutual aid
 - **Design Engagement:**
 - Community-driven initiatives. May look very similar to design-builds, but the end result does not need to be a physical/built object
 - **Design-Build:**
 - Typical architecture/design approach
-

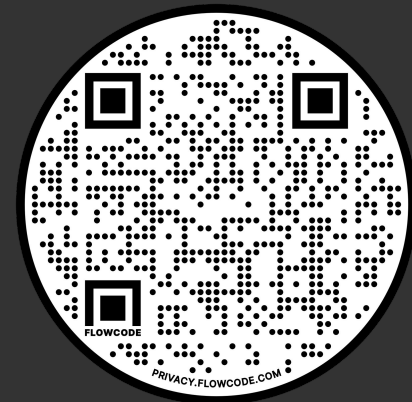
– The 2021 FBD Manual

What you can do with this new manual...

- The *Scope of FBD* and *FBD Process* are interactive practices to help in navigating where and how you can better your chapter and move forward with projects



FBD Manual Download



SCAN ME!



REALTIME SHARE-OUT!

Documentation | Project Management | AXP Hours

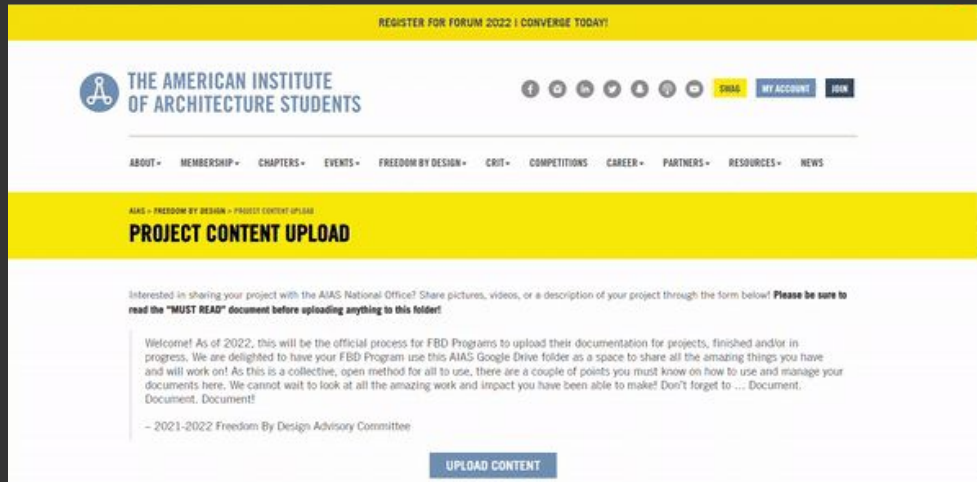
– Documentation

The process to uploading content!

- Easy access + sharing
- No stress

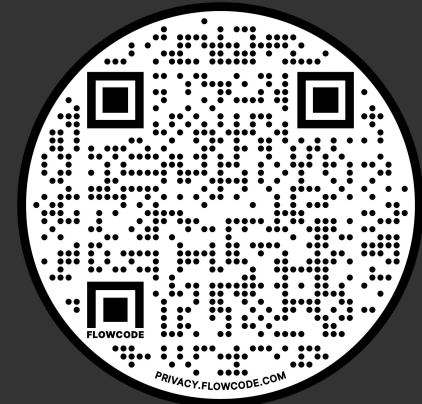
Through the use of google drive we can focus on:

- Continuous documentation
- Uploading in-progress + unfinished work
- Connecting + learning from one another



aias.org/freedom-by-design/freedom-by-design-content-upload/

Project Content Upload



SCAN ME!

– Financing + Project Management

Declare your project

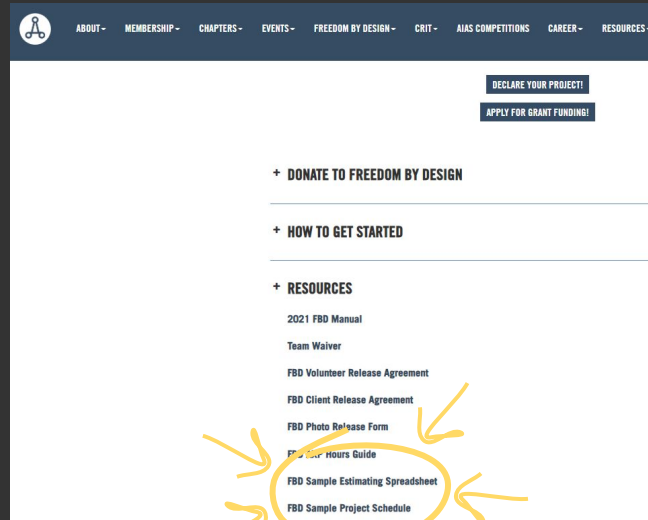
- New + flexible form

NCARB grants

- Attend FBDAC-run training sessions (Grassroots/Leadership Day)
- All-year round
- Design-builds only

Guides for management

- Project Schedule
- Budget Estimate



(Insert object to be built here)

Material	Number needed	Cost\$/Unit	Total Cost of Material	Overall Total Cost Per Assembly	# of Assemblies	Total Assembly Cost	Total Project Cost (\$)
Material 1	2	\$1.00	\$2.00	\$2.00	1	\$2.00	\$2.00
Material 2	4	\$1.00	\$4.00	\$6.00	1	\$6.00	
Material 3	1	\$1.00	\$1.00	\$7.00	1	\$7.00	
Material 4	1	\$1.00	\$1.00	\$8.00	1	\$8.00	
Material 5	2	\$1.00	\$2.00	\$10.00	1	\$10.00	
Material 6	1	\$1.00	\$1.00	\$11.00	1	\$11.00	
Material 7	1	\$1.00	\$1.00	\$12.00	1	\$12.00	
Material 8	1	\$1.00	\$1.00	\$13.00	1	\$13.00	
Material 9	1	\$1.00	\$1.00	\$14.00	1	\$14.00	

(Insert object to be built here)

Material	Number needed	Cost\$/Unit	Total Cost of Material	Overall Total Cost Per Assembly	# of Assemblies	Total Assembly Cost	Total Project Cost (\$)
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Material 4	1	\$1.00	\$1.00	\$8.00	1	\$8.00	
Material 5	2	\$1.00	\$2.00	\$10.00	1	\$10.00	
Material 6	1	\$1.00	\$1.00	\$11.00	1	\$11.00	
Material 7	1	\$1.00	\$1.00	\$12.00	1	\$12.00	
Material 8	1	\$1.00	\$1.00	\$13.00	1	\$13.00	
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Material 8	1	\$1.00	\$1.00	\$13.00	1	\$13.00	
Material 9	1	\$1.00	\$1.00	\$14.00	1	\$14.00	

Duration (days)	Start Date	End Date	Project Timeline
1	June 1, 2022	June 1, 2022	
2	June 2, 2022	June 2, 2022	
3	June 3, 2022	June 3, 2022	
4	June 4, 2022	June 4, 2022	
5	June 5, 2022	June 5, 2022	
6	June 6, 2022	June 6, 2022	
7	June 7, 2022	June 7, 2022	
8	June 8, 2022	June 8, 2022	
9	June 9, 2022	June 9, 2022	
10	June 10, 2022	June 10, 2022	
11	June 11, 2022	June 11, 2022	
12	June 12, 2022	June 12, 2022	
13	June 13, 2022	June 13, 2022	
14	June 14, 2022	June 14, 2022	
15	June 15, 2022	June 15, 2022	
16	June 16, 2022	June 16, 2022	
17	June 17, 2022	June 17, 2022	
18	June 18, 2022	June 18, 2022	
19	June 19, 2022	June 19, 2022	
20	June 20, 2022	June 20, 2022	
21	June 21, 2022	June 21, 2022	
22	June 22, 2022	June 22, 2022	
23	June 23, 2022	June 23, 2022	
24	June 24, 2022	June 24, 2022	
25	June 25, 2022	June 25, 2022	
26	June 26, 2022	June 26, 2022	
27	June 27, 2022	June 27, 2022	
28	June 28, 2022	June 28, 2022	
29	June 29, 2022	June 29, 2022	
30	June 30, 2022	June 30, 2022	
31	July 1, 2022	July 1, 2022	
32	July 2, 2022	July 2, 2022	
33	July 3, 2022	July 3, 2022	
34	July 4, 2022	July 4, 2022	
35	July 5, 2022	July 5, 2022	
36	July 6, 2022	July 6, 2022	
37	July 7, 2022	July 7, 2022	
38	July 8, 2022	July 8, 2022	
39	July 9, 2022	July 9, 2022	
40	July 10, 2022	July 10, 2022	
41	July 11, 2022	July 11, 2022	
42	July 12, 2022	July 12, 2022	
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56	July 26, 2022	July 26, 2022	
57	July 27, 2022	July 27, 2022	
58	July 28, 2022	July 28, 2022	
59	July 29, 2022	July 29, 2022	
60	July 30, 2022	July 30, 2022	
61	August 1, 2022	August 1, 2022	
62	August 2, 2022	August 2, 2022	
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64	August 4, 2022	August 4, 2022	
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66	August 6, 2022	August 6, 2022	
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70	August 10, 2022	August 10, 2022	
71	August 11, 2022	August 11, 2022	
72	August 12, 2022	August 12, 2022	
73	August 13, 2022	August 13, 2022	
74	August 14, 2022	August 14, 2022	
75	August 15, 2022	August 15, 2022	
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77	August 17, 2022	August 17, 2022	
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82	August 22, 2022	August 22, 2022	
83	August 23, 2022	August 23, 2022	
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89	August 29, 2022	August 29, 2022	
90	August 30, 2022	August 30, 2022	
91	September 1, 2022	September 1, 2022	
92	September 2, 2022	September 2, 2022	
93	September 3, 2022	September 3, 2022	
94	September 4, 2022	September 4, 2022	
95	September 5, 2022	September 5, 2022	
96	September 6, 2022	September 6, 2022	
97	September 7, 2022	September 7, 2022	
98	September 8, 2022	September 8, 2022	
99	September 9, 2022	September 9, 2022	
100	September 10, 2022	September 10, 2022	

aiaa.org/freedom-by-design/

— AXP

Build Your Community AND your architectural experience? What more can you want!

- FBD projects allow students to earn AXP credit, which is a big step toward licensure
- Need proof to show the AIAS 501c(3)? Use our non-profit tax status letter!
 - <https://www.aias.org/membership/aias-non-profit-tax-status-letter/>

FREEDOM BY DESIGN AXP GUIDE

Register FBD Program with NCARB

- Freedom by Design Programs must be **registered** with NCARB as a "Community Based Design Center".

Qualify as an Approved Community Based Design Center

- Email NCARB at "ayd@ncarb.org" with proof showing the AIAS 501c(3) status.
 - **FOR THE AIAS 501c(3) LETTER CLICK HERE**
- Have a relationship with an architect who can exercise direct supervision and serve as the designated AXP Supervisor for the organization.

Establish Personal NCARB Record

- Head to ncarb.org and establish your NCARB Record. This is what you will use for the rest of your career in pursuit of licensure!

Navigate to the "Experience" tab on your NCARB Record.

Select "New AXP Experience Report"

Select "AXP Experience Setting 0: Other Experiences"

Select Community-Based Design Center/Collaborative

Find your FBD Program and Enter Start Dates, Supervisor, and Average Hours per Week

Enter hours into specific AXP categories

Submit for Approval!

FREEDOM BY DESIGN AXP GUIDE

Experience Setting "0"

- Experience Setting "0" is any experience gained **OUTSIDE** of an architecture firm.
- Freedom By Design falls under Experience Setting "0" as it is classified as a Community Based Design Center by NCARB.
- An individual is able to log up to 320 hours under this classification in any AXP Experience Area.

What Can Be Counted for AXP Hours?

- In a Design-Build project, everything from programming to final documentation can be classified into one of the experience areas below.

Practice Management / Project Management

- Working with building codes
- Preparing proposals to clients
- Producing a project estimate and schedule
- Coordinating design work of team members, progress meetings

Programming & Analysis

- Determining impact of environmental, zoning, and other regulations on project site.
- Establish project design goals.

Project Planning & Design

- Present ideas to client orally, present design alternatives for client review
- Select materials based on technical properties and aesthetic requirements

Project Development & Documentation

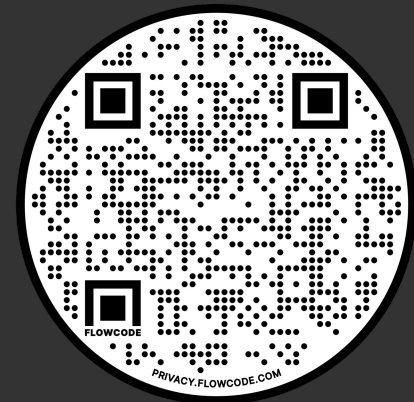
- Communicate design ideas to the client graphically
- Communicate design ideas to client with 2D & 3D software

Construction & Evaluation

- Manage project close-out procedures and documentation
- Complete field reports to document field observations from construction site visit

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AXP Guide Download



SCAN ME!

aias.org/wp-content/uploads/2022/07/AIAS-FBDAC-AXP-GUIDE.pdf

Q & A

What is FBD? + Looking for Projects? + Management + Finance + AXP

REACH OUT!



Check out the FBD home page!



freedom@aias.org



[@aias_fbd_national](https://www.instagram.com/aias_fbd_national)



[#freedombydesign](#)
in your quad's slack



FBDAC members +
your quad liaison(s)



Pod Calls +
Fireside Chats