



Housing Innovation in Rural Ontario: Small Homes, Big Impacts



LEARNING OBJECTIVE:



INNOVATION



PARTNERSHIPS



3D HOMES/ MODULAR BUILDS



CONCLUSION: BE BOLD



ABOUT US

THE BRIDGE YOUTH RESOURCE IS A YOUTH SERVING ORGANIZATION FOR INDIVIDUALS AGES 14-24 WHERE PROGRAMMING IN COLLABORATION WITH PARTNERS CENTRES AROUND EDUCATION AND JOB SUPPORT, MENTAL HEALTH AND ADDICTION SERVICES, LIFE AND COPING SKILLS, AND SOCIAL INCLUSION ACTIVITIES.

THE FACILITY ALSO HAS SUPPORT FOR THOSE EXPERIENCING HOMELESSNESS OR HOUSING INSTABILITY THROUGH THE QUIRING FAMILY FRESH START SUPPORTIVE HOUSING FACILITY FOR YOUTH AGES 16-24.



PHASE 3



PHASE 3

IMAGING ALSO
REFLECTS THE
COMPLETION OF PHASE
TWO, THE QUIRING
FAMILY FRESH START
HOUSING FACILITY

Habitat for Humanity Windsor-Essex









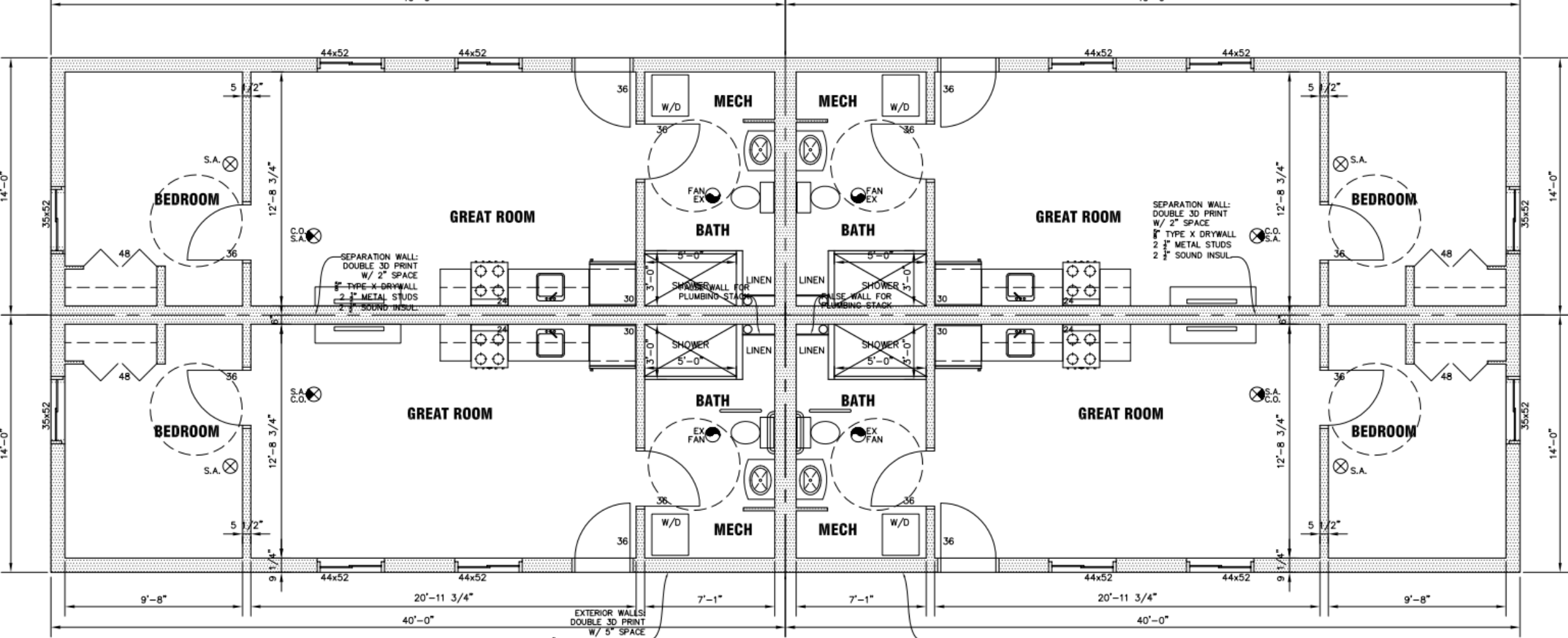


UNIT 1

40'-0"

UNIT 2

40'-0"



UNIT 3

40'-0"

UNIT 4

40'-0"

EXTERIOR WALLS:
DOUBLE 3D PRINT
W/ 5" SPACE
5" SPRAY-FOAM INSUL.

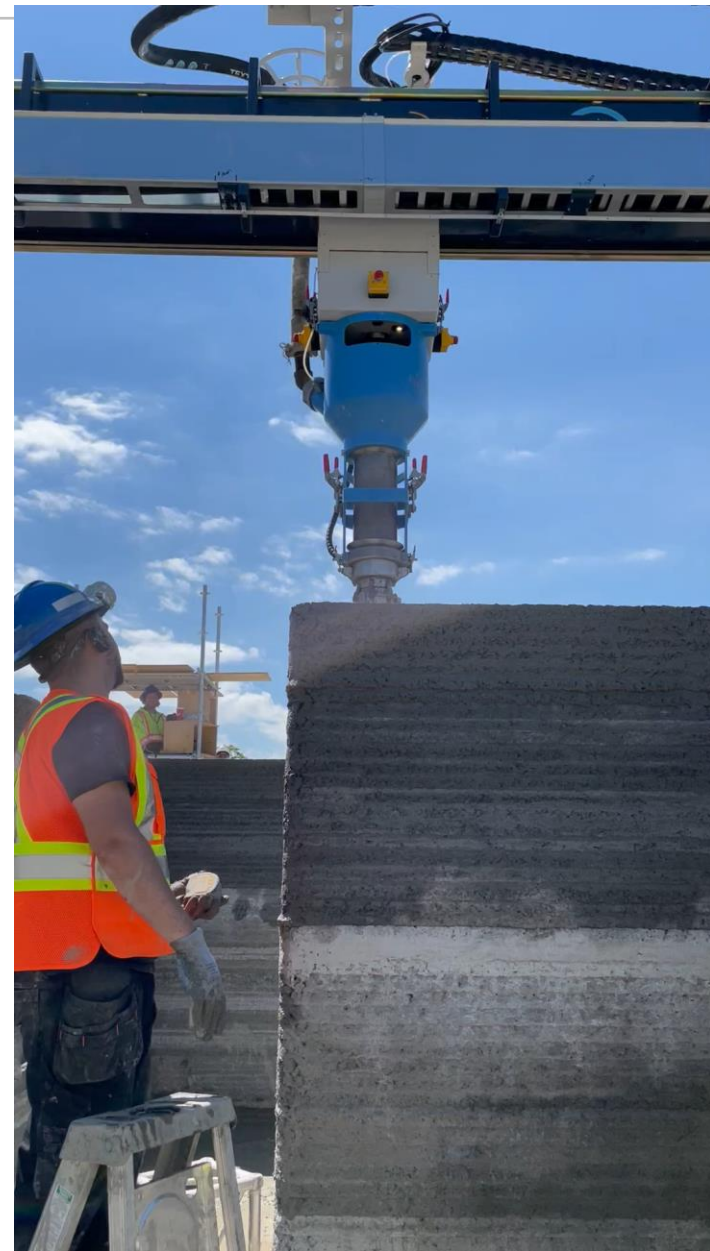
EXTERIOR WALLS:
DOUBLE 3D PRINT
W/ 5" SPACE
5" SPRAY-FOAM INSUL.

SEPARATION WALL:
DOUBLE 3D PRINT
W/ 2" SPACE
1" TYPE X DRYWALL
2" METAL STUDS
2" SOUND INSUL.

OUTCOMES

WE DID IT!

- ADVANCEMENTS DURING PROJECT
- LAB RESEARCH ONGOING
- RESULTS WILL BE PUBLISHED







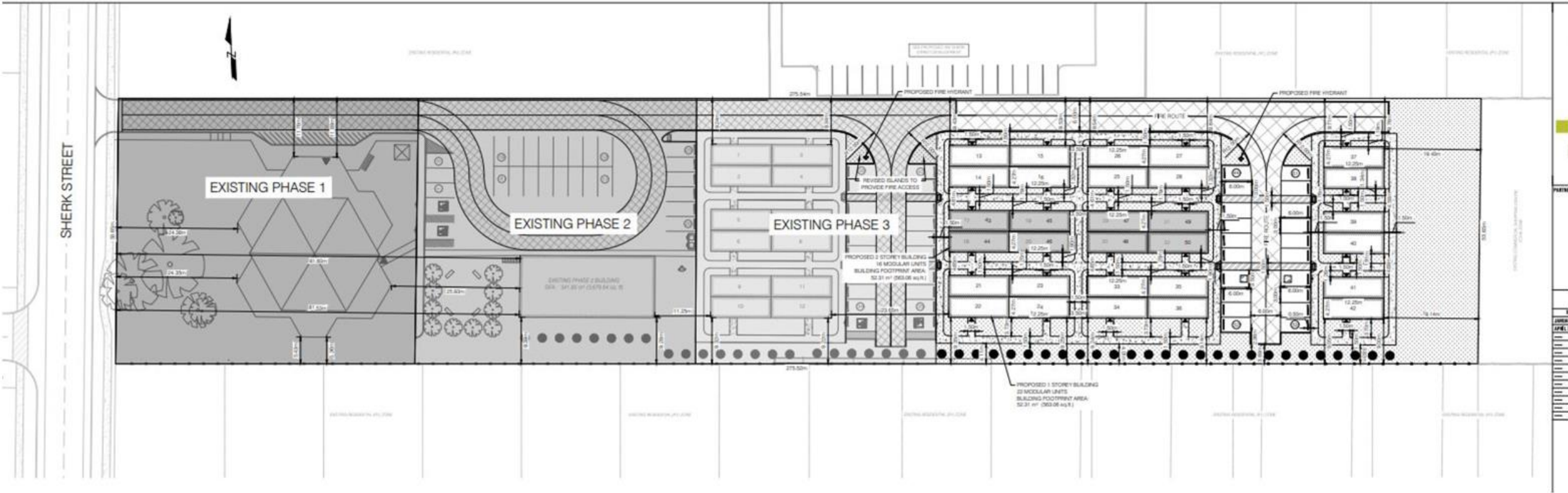
Historic

FIRST 3D PRINTED HOUSE FOR RESIDENTIAL USE




FIRST MULTI-UNIT IN NORTH AMERICA

FIRST IN NORTH AMERICA BUILT WITH CONCRETE

PHASE 4



THE DEVELOPMENT WILL HAVE:

-  **AFFORDABLE, MID-LEVEL AND MARKET RATE RENTALS**
-  **INCLUSIVE OF 48 HOMES PLUS 2 STORAGE UNITS**
-  **SUPPORT THE BRIDGE IN ITS PATH TO SELF-SUSTAINABILITY BY OFF-SETTING PROJECTED OPERATIONAL DEFICITS**



Talbot St.

300 TOWNS & APARTMENTS

30% AFFORDABLE

COMMUNITY OWNERSHIP

MIXED INCOME COMMUNITY

PROVEN BENEFITS:

- ACCESS TO OPPORTUNITIES
- REDUCED STIGMATIZATION
- SUPPORTIVE SOCIAL NETWORKS
- INCREASED SAFETY
- BETTER HOUSING QUALITY

HABITAT WILL:

- REDUCE COST OF ENTIRE PROJECT
- SUPPORT HABITAT FAMILIES
- ACTIVE COMPONENT OF COMMUNITY DEVELOPMENT





PARTNERSHIPS MATTER, BUILDING STRONG WORKING RELATIONSHIPS IS AN EFFECTIVE WAY TO ACHIEVE MUTUAL GOALS



BE BOLD AND INNOVATIVE ESPECIALLY IN A RURAL COMMUNITY

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