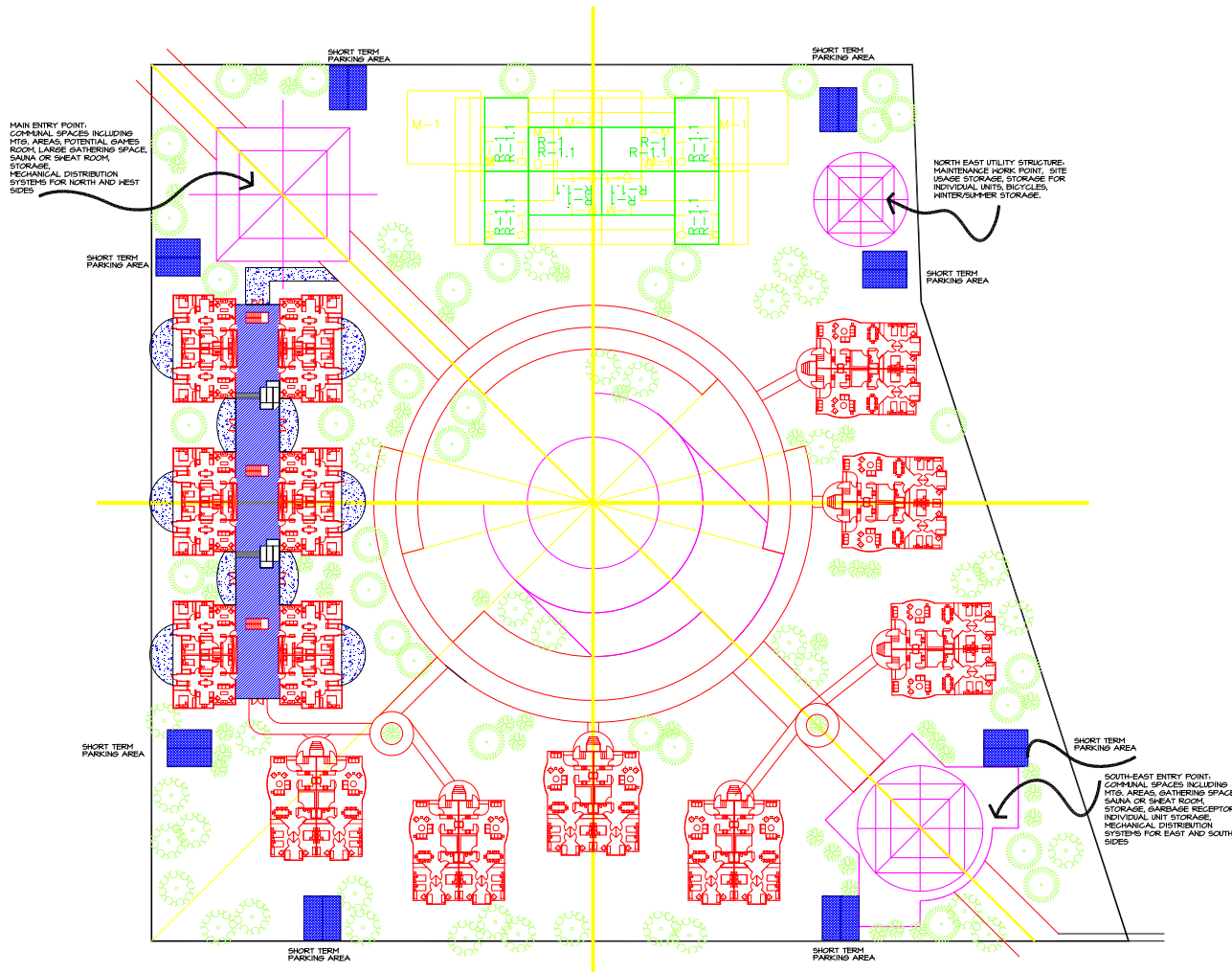
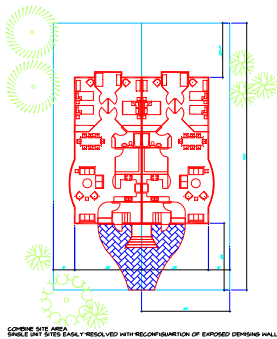
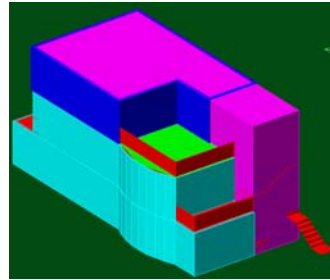


MULTIPLIX: Site Plan

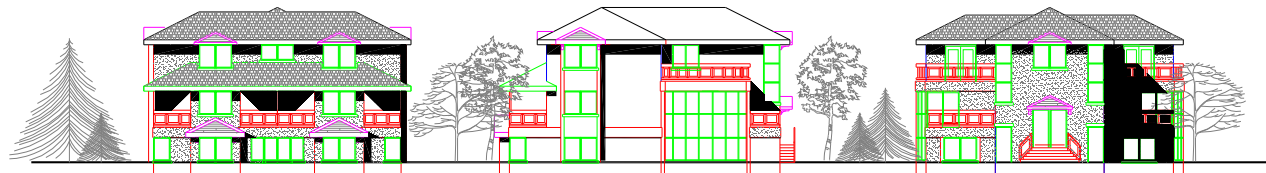
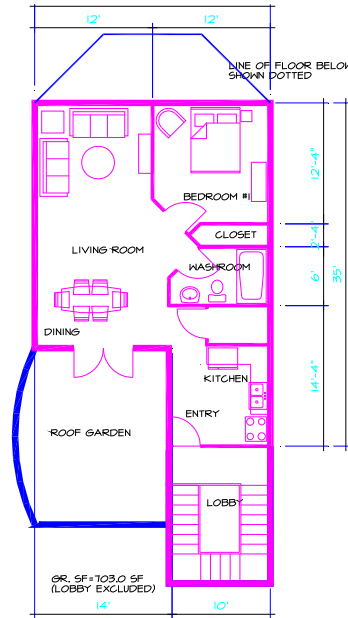
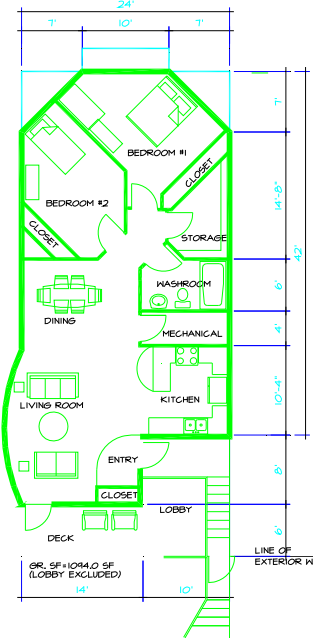
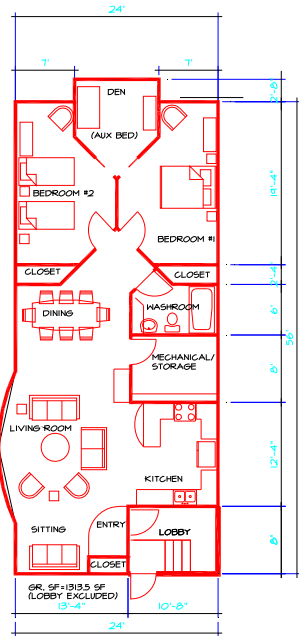


- A RADIAL PLAN TO THE SITE THOROUGHFARE. THE PAIRED UNITS ARE NORTH/SOUTH ORIENTATION BASED ON DESIGN RECOMMENDATIONS.
- VARIED UNIT DEVELOPMENT FROM STACKED (LEGO) TO PAIRED TO COMMUNAL UNITS. ALLOWS FOR OPPORTUNITIES IN HOUSING TYPE AND LIVING ARRANGEMENTS
- WATER ELEMENT INCLUDED ON THE SE QUADRANT OF THE CIRCULATION CORE.
- SIDEWALKS/PATHS REFLECT THE SOLAR SOLSTICE (SEE PREVIOUS STUDIES)
- RESIDENCES ALLOW FOR OPTIMUM EXPOSURE TO SUN WHILE PROVIDING A BREAK IN WIND PATTERNS (NO CLEAR PATH OR LINE OF SIGHT FOR TRAVEL)
- SHORT TERM PARKING ILLUSTRATED SINCE THE PIZZA GUY HAS TO PARK SOMEWHERE DURING DELIVERIES. CAN ALSO BE USED FOR PICKING UP/DROPPING OFF RESIDENTS.

MULTIPLEX: Paired Units

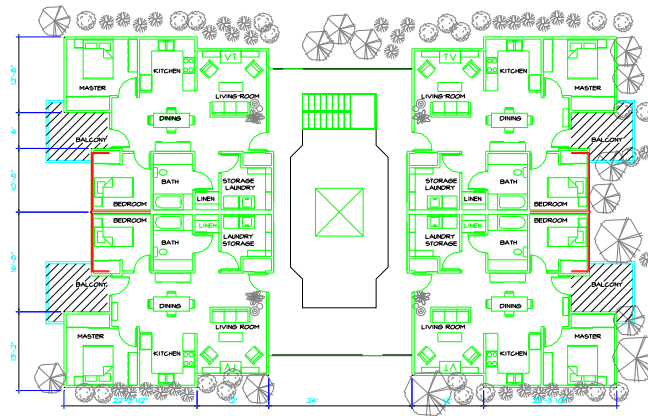
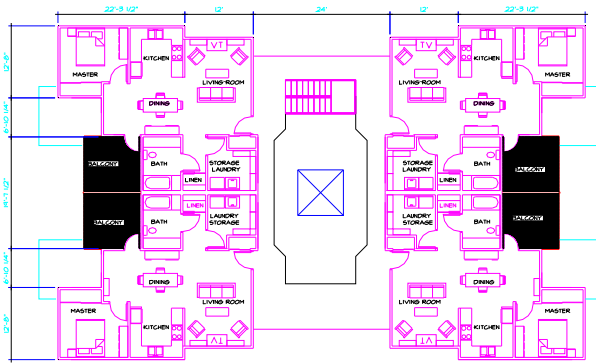


CONFORM SITE AREA
SINGLE UNIT SIZES FINALLY RESOLVED WITH RECONFIGURATION OF EXPOSED COMMON HALL



- It presents opportunities for development into infill housing scenarios. Standard residential construction keeps the technical details simple.
- The basics of this concept are:
 - Five bedrooms plus den per lot area
 - Total units on site = 14 (7 paired lot areas)
 - Total bedrooms = 70 (+ 14 den/aux bedroom areas)
 - Three storeys
 - Walk-up entrance
 - Round elements (Aboriginal influence) incorporated into planning (glazing) and site layout
 - Incorporates roof garden concept on upper level.
 - Stepped planned development reduces overall massing on site

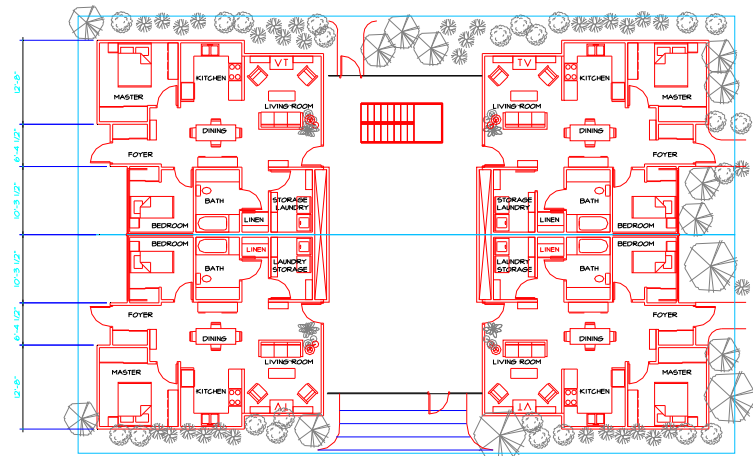
MULTIPLY: Communal Units



- This concept is derived from thoughts based on the communal aspects available between individual housing units.
- It presents some opportunities for development into infill housing scenarios, though the footprint is quite large on each lot area. Standard residential construction keeps the technical details simple.

The basics of this concept are:

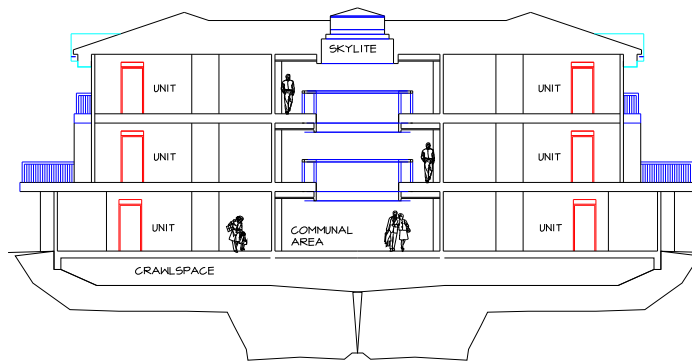
- Ten bedrooms per side (assumed lot area).
- Total units on site = 6 (6 paired lot areas)
- Total bedrooms = 60
- Walk-up entrance on interior for upper storeys. Main floor can enter through atrium or separate exterior entrance.



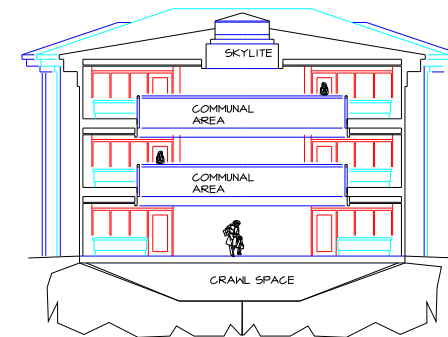
MULTIPLEX: Communal Unit Elevations/Sections



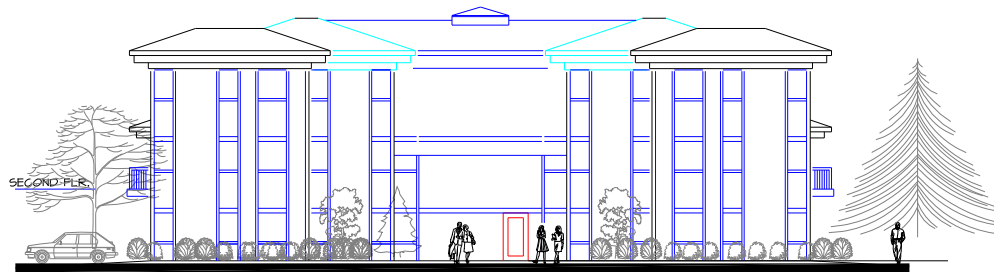
- This concept is derived from thoughts based on the communal aspects available between individual housing units.
- Areas adjacent atrium could be designed with operable wall units to allow opening up of suites direct to atrium areas. (Communal gathering options)
- Atria of adjacent units could be linked for a central spine, creating a common corridor serving multiple units (See HUB Mall, University of Alberta, Edmonton, Alta)



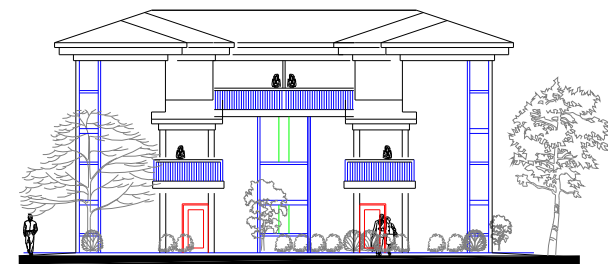
LONG SECTION



CROSS-SECTION



SIDE ELEVATION

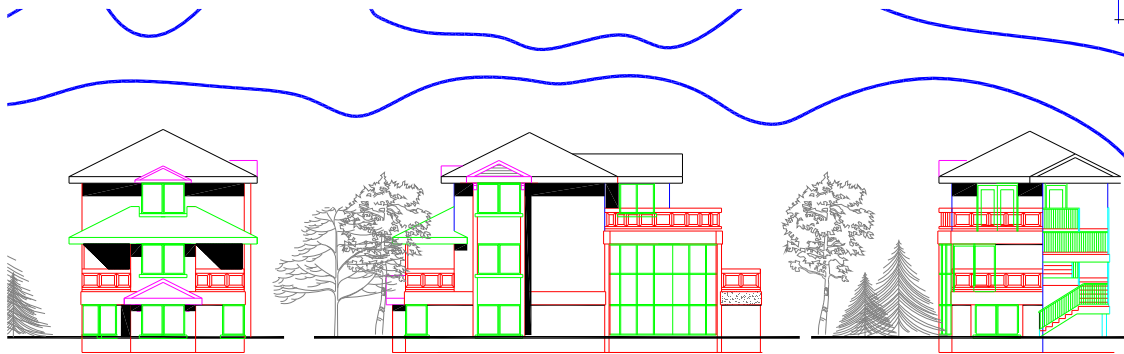
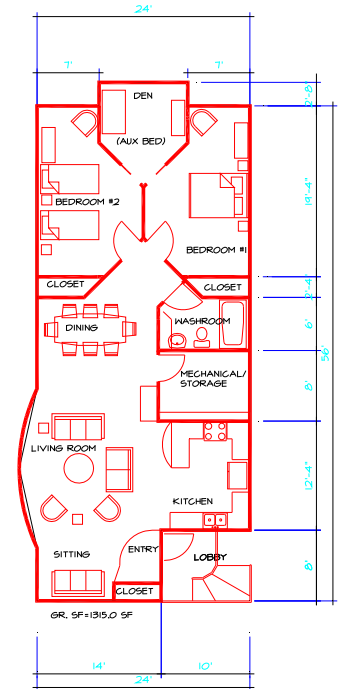
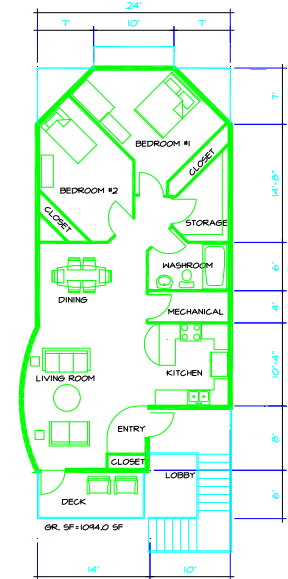
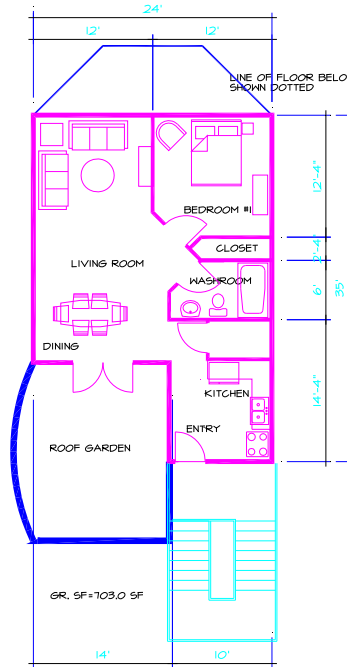


LIVING UNIT COMMUNAL SPACE LIVING UNIT

MULTIPLEX: Stand Alone Unit



- Stand-alone opportunities for development into infill housing scenarios. Lot size of 33' x 110'
- Standard residential construction keeps the technical details simple.
- The basics of this concept are:
- Five bedrooms plus den per lot area
- Three storeys
- Walk-up entrance
- Round elements (Aboriginal influence) incorporated into planning (glazing)
- Incorporates roof garden concept on upper level.
- Stepped planned development reduces overall massing on site
- Floor plates aligned to distribute loading and ease of installation for systems
- Storage/Mechanical area to house in-unit boiler with separate exhaust fan



MULTIPLEX: Communal Stand-alone unit



- Opportunities for development into infill housing scenarios, though the footprint is quite large on each lot area. Standard residential construction keeps the technical details simple.

The basics of this concept are:

- Ten bedrooms per pair (assumed paired lot area).
- Walk-up entrance on exterior. Main floor enters at grade.

