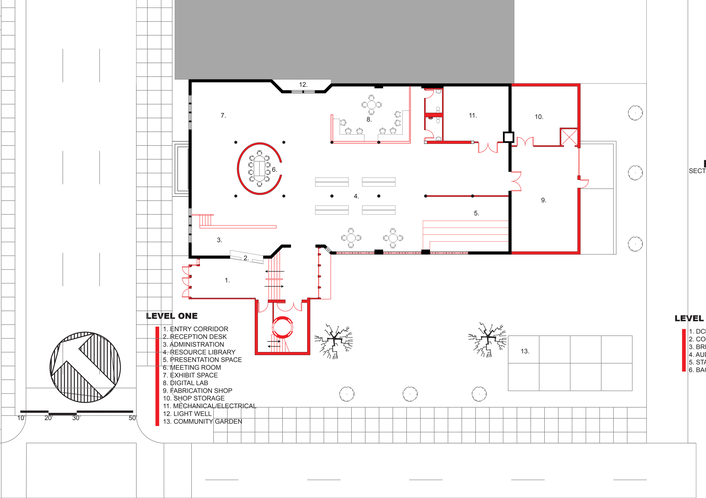
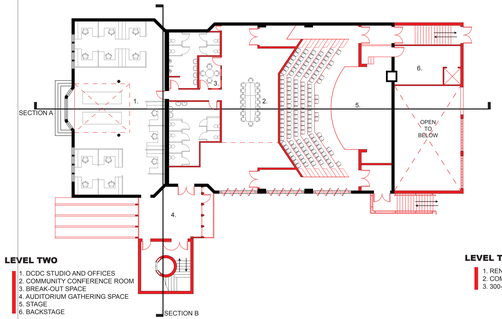


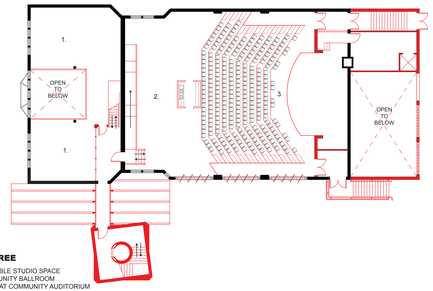
LEVEL ONE

1. ENTRY CORRIDOR
2. RECEPTION DESK
3. ADMINISTRATION
4. RESOURCE LIBRARY
5. PRESENTATION SPACE
6. MEETING ROOM
7. EXHIBIT SPACE
8. DIGITAL LAB
9. FABRICATION SHOP
10. SHOP STORAGE
11. MECHANICAL/ELECTRICAL
12. LIGHT WELL
13. COMMUNITY GARDEN



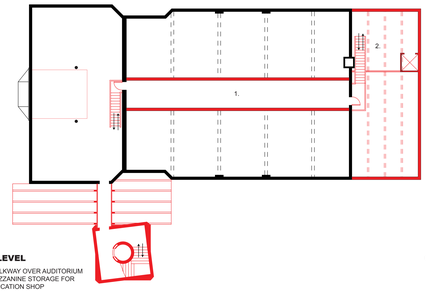
LEVEL TWO

1. DCDC STUDIO AND OFFICES
2. COMMUNITY CONFERENCE ROOM
3. BREAK-OUT SPACE
4. AUDITORIUM GATHERING SPACE
5. STAGE
6. BACKSTAGE



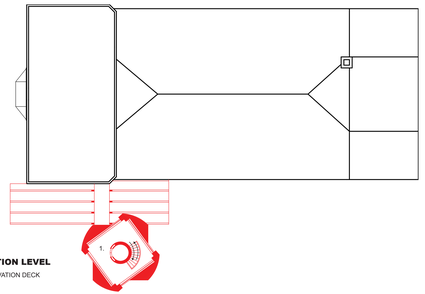
LEVEL THREE

1. RENTABLE STUDIO SPACE
2. COMMUNITY BALLROOM
3. 300-SEAT COMMUNITY AUDITORIUM



ATTIC LEVEL

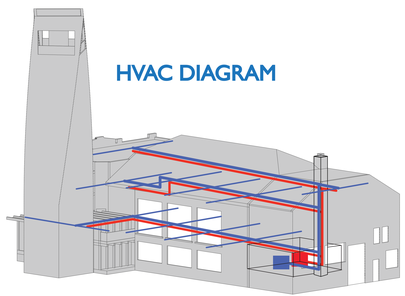
1. WALKWAY OVER AUDITORIUM
2. MEZZANINE STORAGE FOR FABRICATION SHOP



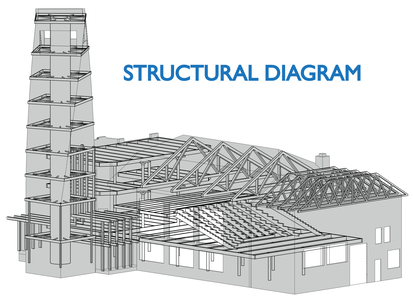
OBSERVATION LEVEL

1. OBSERVATION DECK

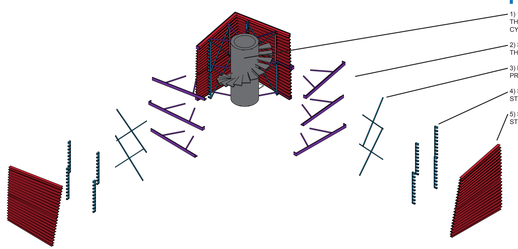
HVAC DIAGRAM



STRUCTURAL DIAGRAM



TOWER STRUCTURE DIAGRAM



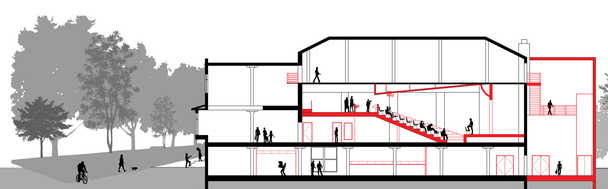
1) 1'-6" THICK REINFORCED CONCRETE CORE PROVIDES THE PRIMARY STRUCTURE AND HOUSES THE CYLINDRICAL ELEVATOR SHAFT

2) STEEL BEAMS SPACED EVERY 10 FEET ATTACH TO THE CORE AND SUPPORT I-BEAMS

3) RECTANGULAR TUBULAR STEEL X-BRACING PROVIDED RIGIDITY

4) STEEL CLIPS BACKED BY RECTANGULAR TUBULAR STEEL ARE WELDED TO THE I-BEAMS

5) STEEL I-BEAMS, REUSED FROM DEMOLISHED STRUCTURES FROM THE DETROIT AREA



SECTION A

SECTION B

ARCH 772 - DESIGN THESIS
SPRING SEMESTER 2014
DANE P. ANDERSEN
PROF. MIKE CHRISTENSON
SOFTWARE USED:

EARLY PROCESS MODELS