

A watercolor illustration of a city street scene. On the left, there are several buildings in shades of blue and green. On the right, a purple signpost stands with a red octagonal stop sign at the top and a red arrow sign pointing left below it. The background is a light green wash.

E - PORTFOLIO

AYESHA AKBAR

AICHASAAD92@GMAIL.COM
(414) 400- 3386

AYESHA AKBAR'S ARCHITECTURAL WORK

INTRODUCTION :

Resume

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AYESHA AKBAR

OBJECTIVE

Use my Architectural skills and knowledge to work and serve the community with regards to Residential/Commercial or Landscape architecture and construction. To pursue an ongoing development of thinking and practicing as a Designer/Architect.

EDUCATION

2015 - Present Milwaukee Area Technical College Milwaukee, WI
Associate of Applied Science – Architectural Technology
▪ Expected graduation, May 2016

2011 – 2015 University of Bahrain Isa Town, Bahrain
Architectural and Civil Engineering (Bsc. 4th year)

2007 – 2010 Bahria College Karachi, Pakistan
▪ Highschool degree

EXPERIENCE

Jun 2014 – Sep 2014 Jameel Khalfan Architects Isa Town, Bahrain
▪ Internship duties: CAD technician and site visits

TECHNICAL SKILLS

Proficient in the use of AutoCAD, REVIT, Photoshop, 3Ds max, Microsoft office

Fluent in speaking English, French and Urdu

INTERESTS

Arts, sports, cooking

RESUME

WHEN PUBLIC SPACES ARE NOT SO PUBLIC

Ayesha Akbar

University of Bahrain, Bahrain

Abstract

Public spaces have long been the main element of the urban structure. However, the social and spatial configuration of the contemporary city have radically transformed the role of public space. Privatization schemes and the concept of individual liberties have created new grounds for public life, misrepresenting the traditional urban public spaces. This paper revives the importance of public spaces, its role in the urban structure and how our current generation's way of life has affected these places. It investigates 'Bahrain Pearling Path' and examines its users and its non-users, how this public space has affected both the locals and visitors by interviewing them on site and off site. In my research, the main issue is the absence of the communication bridge between the locals of the route and the visitors. This paper will examine the reasons behind the absence of this bridge both architecturally and behaviour wise.

Keywords: public spaces, privatization schemes, Bahrain Pearling Path, architecture, behaviour.

RESEARCH
REPORT

**WATER WALL:
Thermal Storage Tubes**
Section 13-12-28



**SPECIFICATION
WRITING**

Ayesha Akbar
Milwaukee Area Technical College, Architectural
Technology

Z-Building Cost Estimate

Ayesha Akbar, 2/4/2016

Civil 132

Building Description

- Class of construction: Economy
- Type of Residence: Bi-level
- Specification Highlights: 2 bathrooms + 1 half bath
Hot air heat

Building envelope

- Exterior Wall System: Brick Veneer - Wood Frame
- Living (habitable) areas: **1824** square feet
- Base costs/ sq f. of living area: \$ **84.05**

$$1824 \text{ sq. ft.} \times \$ 84.05 = \$ 153,307.2$$

COST
ESTIMATE

IBC Building Code Compliance
The YWCA - Womens Enterprise Center - Milwaukee, WI

IBC Category	Existing/Proposed	Code Allowance	Reference
1. <u>Occupancy Classification</u>	Type E & B : Lower level: Education First floor: Education Second floor: Business	non-hazardous business	IBC Table 4.7 (Chapter 3)
2. <u>Fire Protection</u>	Active sprinkler system	Not required by code	IBC Chapter 9 (Chapter 9)
3. <u>Height</u>	2 Stories/ 32' - 1" Lower level: partially below grade	Sprinklered : 6 stories/ 85' Not sprinklered : 5 stories	IBC Table 504.3 and 504.4
4. <u>Area</u>	Lower level: 12, 986 sq ft First floor: 12, 776 sq ft Second floor: 12, 924 sq ft Total Area: 38, 686 sq ft	Type B - SM with code: 85,500 sq ft Type E - SM with code: 70,500 sq ft	IBC Table 506.2

IBC
CODES



Generated by COMcheck-Web Software

Envelope Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
 Project Title: C'Store Gas Station
 Project Type: New Construction

Construction Site: _____ Owner/Agent: _____ Designer/Contractor: _____

Building Location (for weather data): Milwaukee, Wisconsin
 Climate Zone: 6a
 Vertical Glazing / Wall Area Pct.: **28%**

<u>Building Use: Activity Type(s)</u>	<u>Floor Area</u>
1-Convenience store (Retail) : Nonresidential	2400

Section 2: Envelope Assemblies and Requirements Checklist

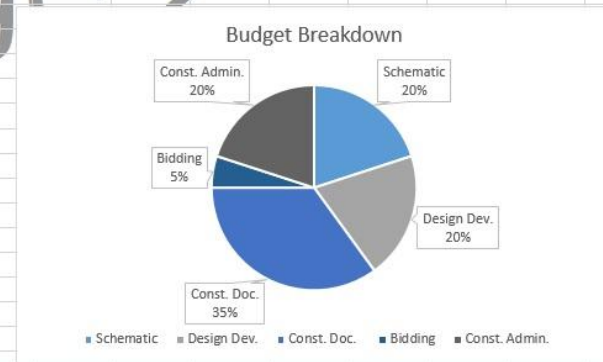
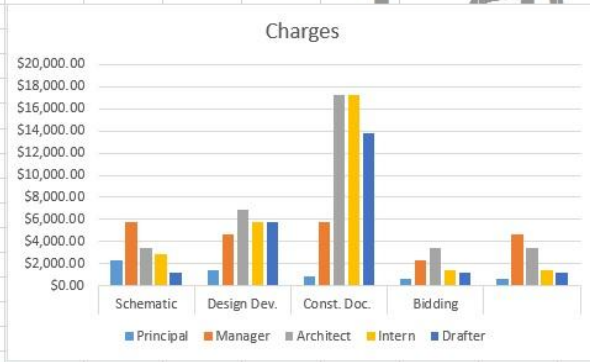
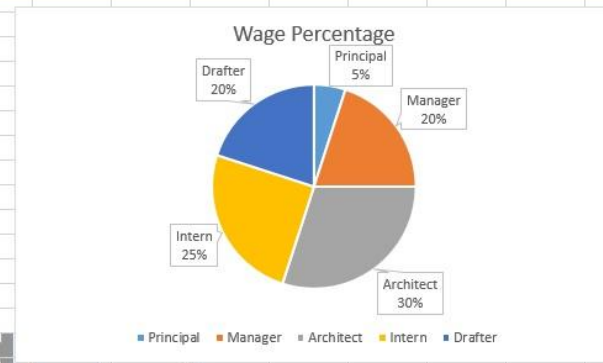
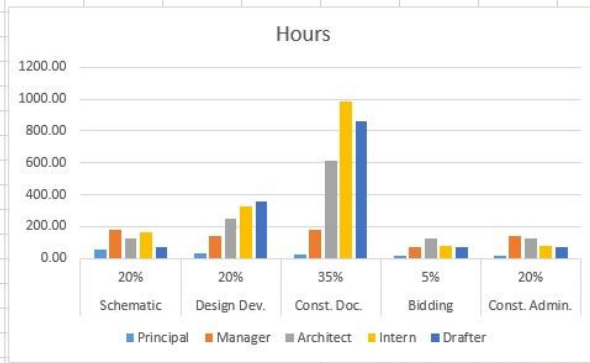
Envelope PASSES: Design 4% better than code.

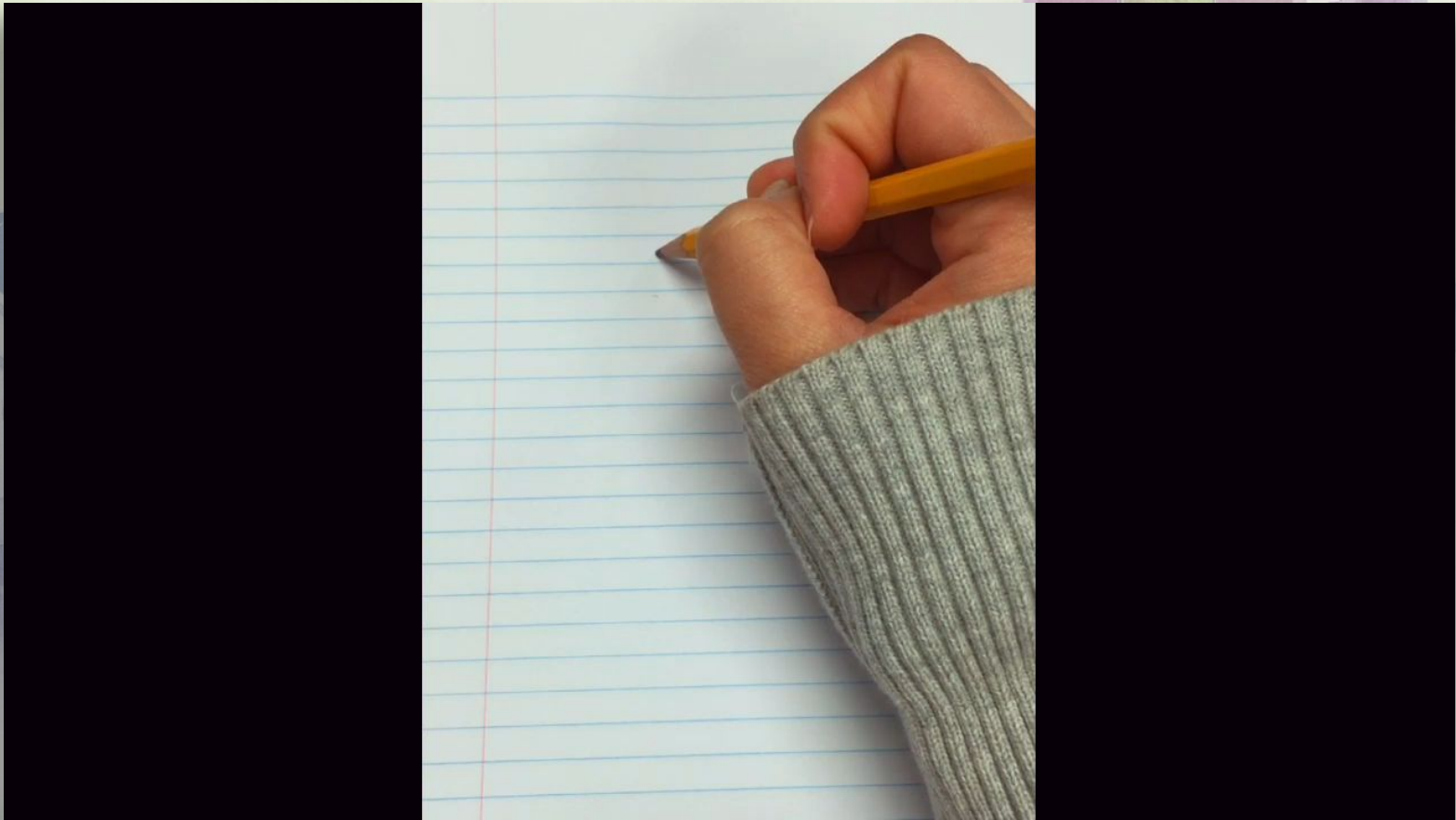
Envelope Assemblies:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
----------------------------	-------------------------	----------------	---------------	-------------------	--------------------

COMCHECK

CHARTS...



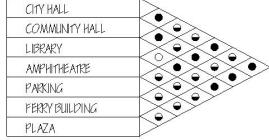




FREE HAND
SKETCH

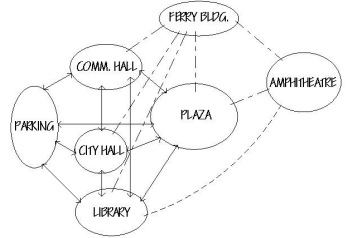
H

MATRIX - Space Relationships



KEY

DESIRABLE	●
NEUTRAL	○
UNDESIRABLE	○



KEY

DESIRABLE	———
NEUTRAL	- - - - -
UNDESIRABLE

MATC METRO AREA TRANSPORTATION CENTER	Owner	Martin		
	Plaza Design	Frederick	10/9/2016	NO1
		Ray	10/9/2016	
		Travis	10/9/2016	
		Kevin	11/20/17	

MATC METRO AREA TRANSPORTATION CENTER	Owner	Public Program		
	Plaza Design	Frederick	10/9/2016	NO2
		Ray	10/9/2016	
		Travis	10/9/2016	
		Kevin	11/20/17	

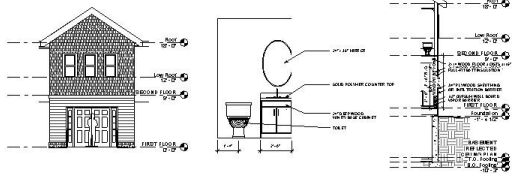
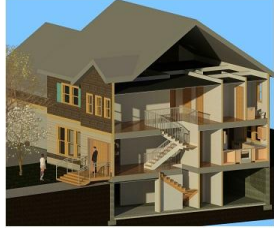


HAND DRAWN :
**PLAZA
DESIGN**

HAND
DRAWN:



ARTIST'S
VILLA



NON-CLEAR TECHNICAL DRAWING

Contain:
 Project:
 Name:
 Date:
 Contain:
 Project:
 Name:
 Date:
 Contain:
 Project:
 Name:
 Date:

REV	DATE	DESCRIPTION

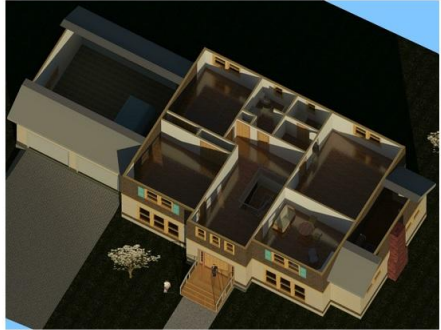
**John Brown
New Residence
TITLE SHEET**

Project: 20240401-100
 Date: 08/2024
 Title: JOHN BROWN
 Scale: 1/8" = 1'-0"
A101.1
 Size: A-ARCHITECTURE

John Brown
 New Residence
FIRST FLOOR PLAN
 A101.5

John Brown
 New Residence
SECOND FLOOR PLAN
 A101.6

REVIT:
RESIDENTIAL



Architecture Technology Program

- Course:
- Section:
- Topic:
- Unit:
- Lesson:
- Activity:
- Assessment:
- Resources:
- Notes:
- Other:

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

DATE: _____

BY: _____

NO. _____

REV. _____

John Brown
New Residence
INTERIOR 3D VIEWS
AND BOX CUTS

Author: _____
Date: _____
Scale: _____
Project: _____
Title: _____
A101.12

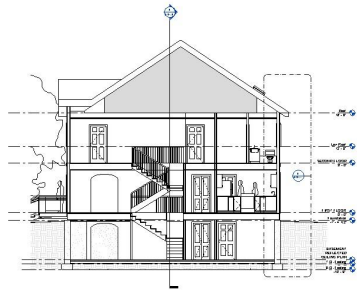


Architecture Technology Program

- Course:
- Section:
- Topic:
- Unit:
- Lesson:
- Activity:
- Assessment:
- Resources:
- Notes:
- Other:

John Brown
New Residence
BUILDING SECTION

A101.8



Building Section



Architecture Technology Program

- Course:
- Section:
- Topic:
- Unit:
- Lesson:
- Activity:
- Assessment:
- Resources:
- Notes:
- Other:

John Brown
New Residence
BUILDING SECTION-2

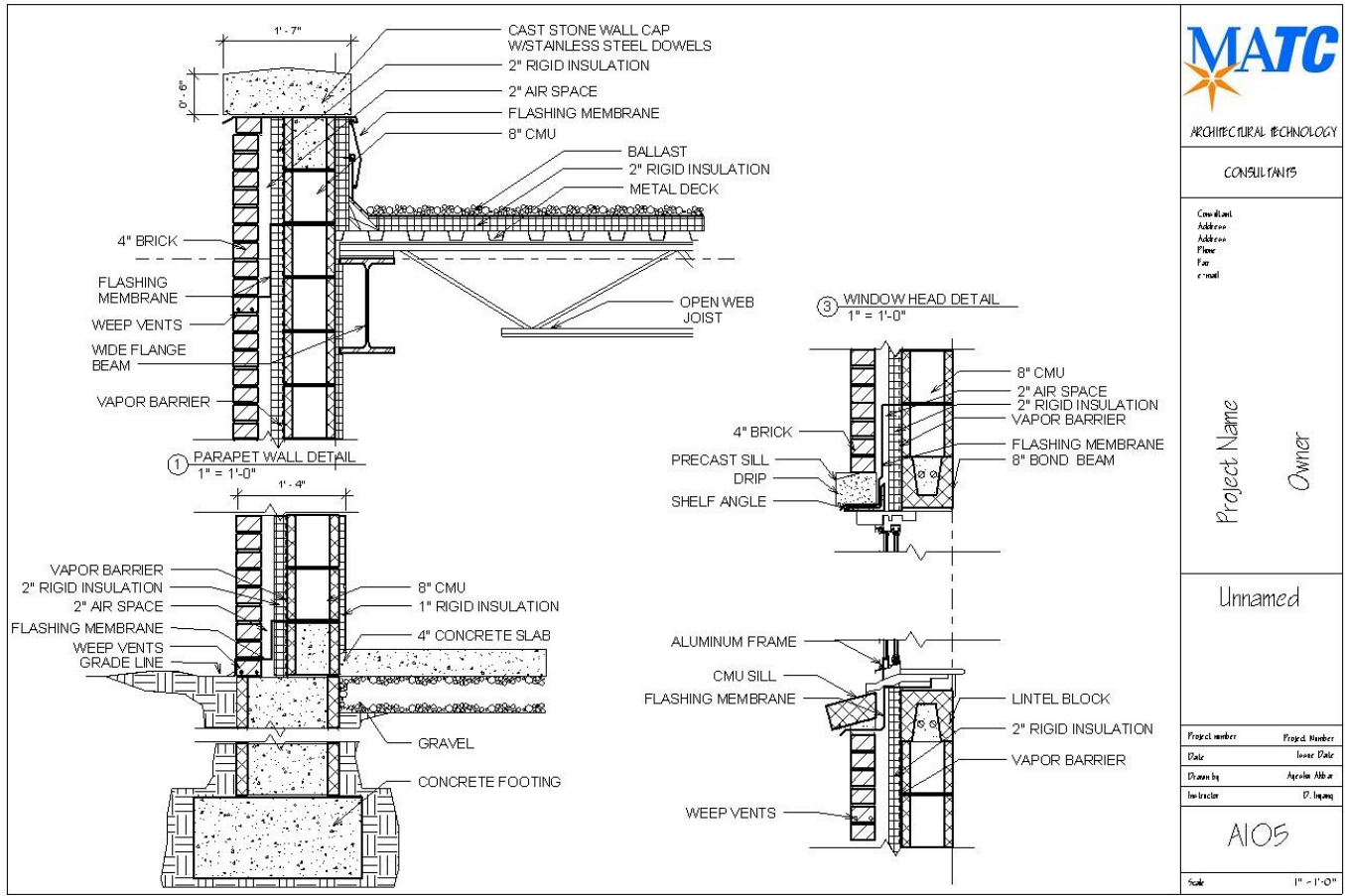
A101.9



Building Section

RESIDENTIAL

DETAILS



CONSULTANTS

Consultant
 Address
 Phone
 Fax
 e-mail

Project Name

Owner

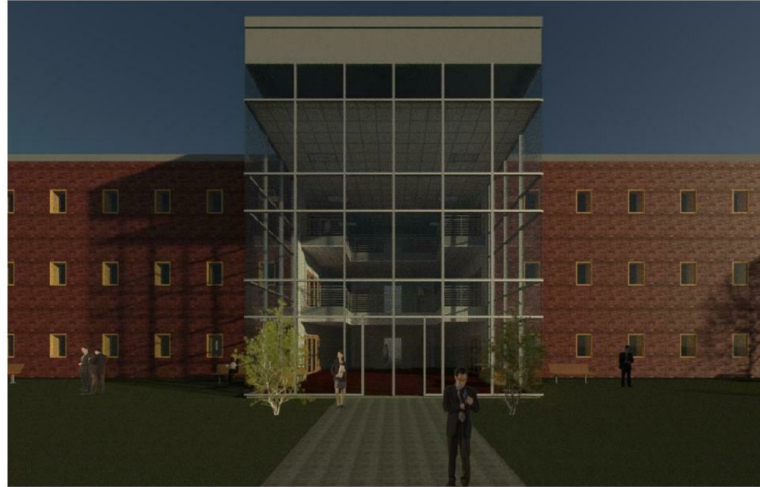
Unnamed

Project number	Project Number
Date	Issue Date
Drawn by	Approved By
Instructor	D. Ingram

A105

Scale 1" = 1'-0"

REVIT:
COMMERCIAL



ARCHITECTURAL TECHNOLOGY

CONSULTANTS

Consultant
Address
Address
Phone
Fax
e-mail

Office Building

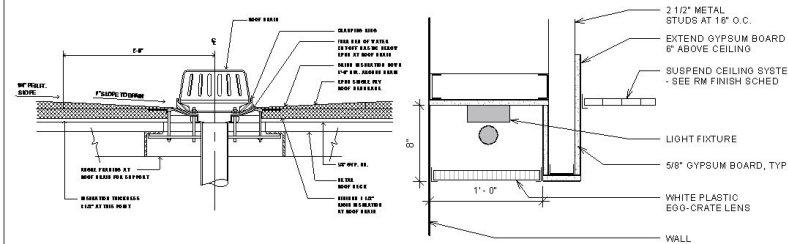
Daniel John Stone

Cover Sheet

Project number	Project Number
Date	2 / 29 / 2016
Drawn by	Alexia Alvar
Instructor	D. Huang

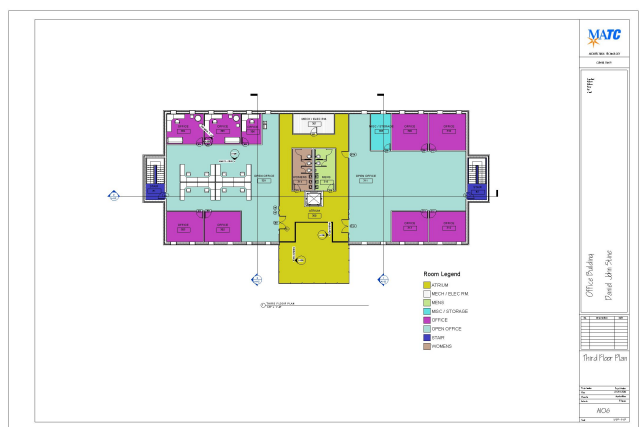
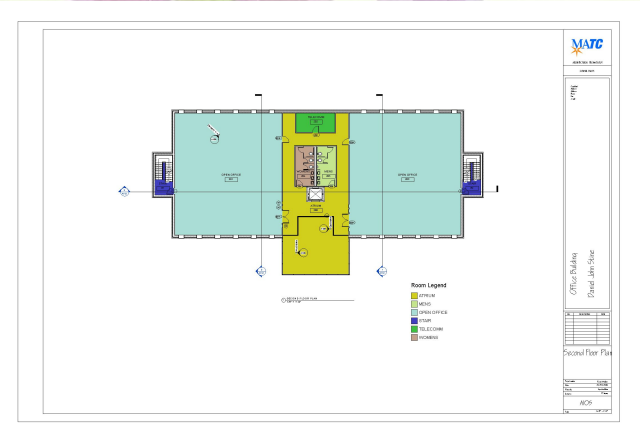
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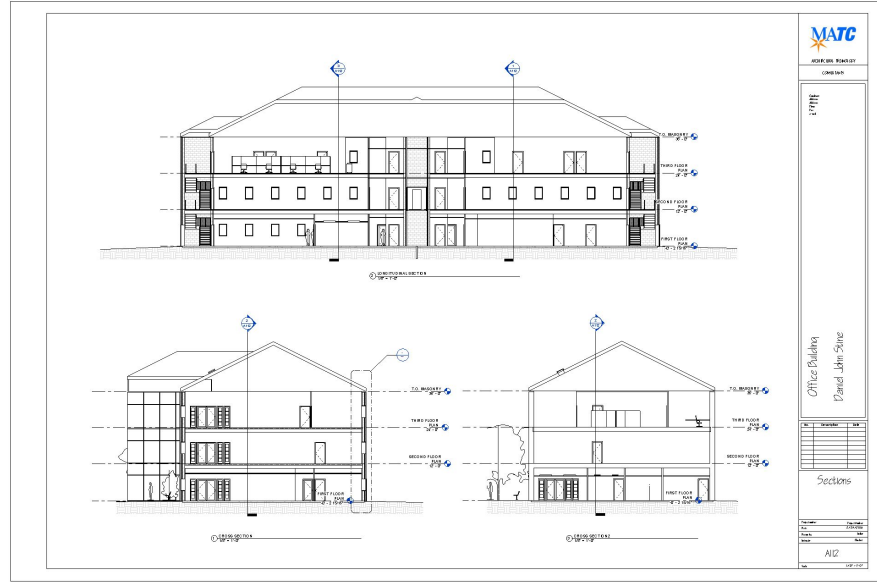
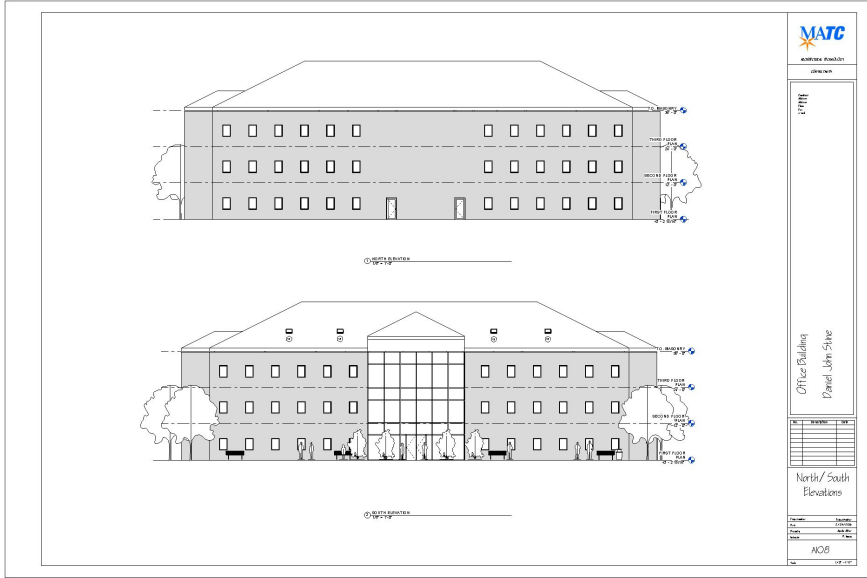
Scale: As indicated



REVIT:

COMMERCIAL





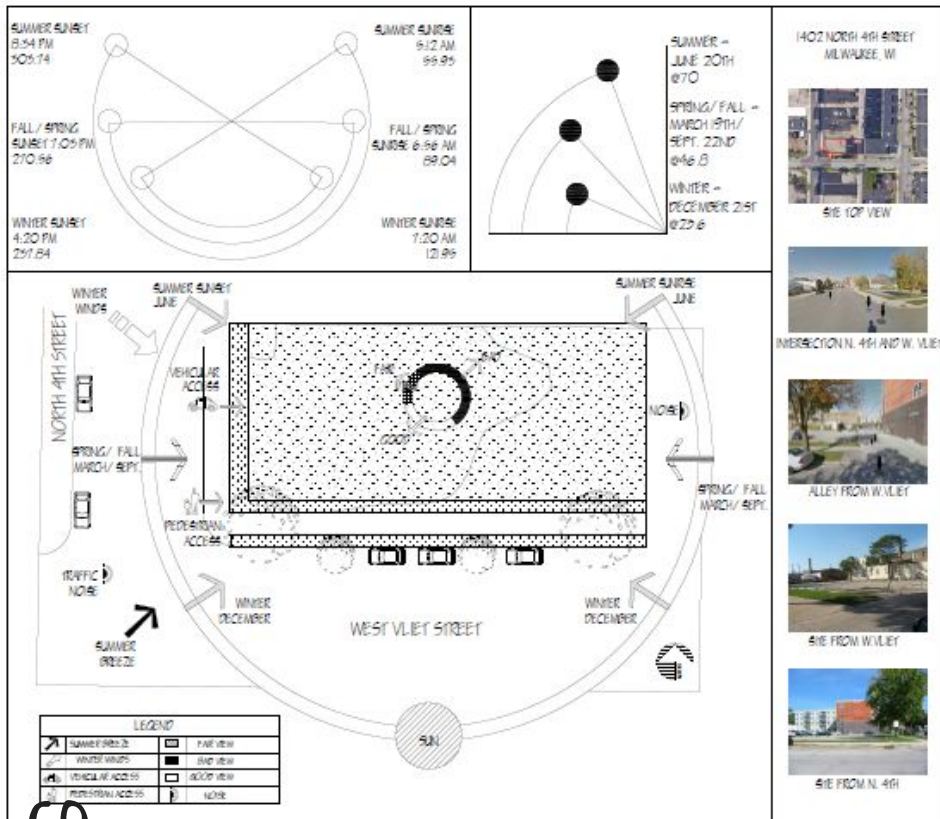
REVIT:
COMMERCIAL

THE C'STOTE.CO
 AYESHA AKBAR



SHEET NUMBER	SHEET NAME	SHEET NUMBER	SHEET NAME	SHEET NUMBER	SHEET NAME
	COVER SHEET		COVER SHEET	A100	SCHEDULES
A100	SITE ANALYSIS	A105	BUILDING SECTIONS	A101	BOX CUTS
A101	SITE PLAN/LEGEND	A106	INTERIOR ELEVATIONS		
A102	FOUNDATION PLAN	A107	WALL DETAILS		
A103	FIRST FLOOR PLAN	A108	RENDERINGS		
A104	EXTERIOR ELEVATIONS	A109	RENDERINGS		

REVIT:
 THE C'STOTE.CO



MATC
ARCHITECTURAL
TECHNOLOGY
PROGRAM

CONSULTANTS



CAPSTONE PROJECT

SITE ANALYSIS

ADMINISTRATION

ADVISORS

PROFESSOR

DESIGN

CAD DESIGN

TRAINING AND

CREATED BY: S. HARRIS

SHEET TITLE

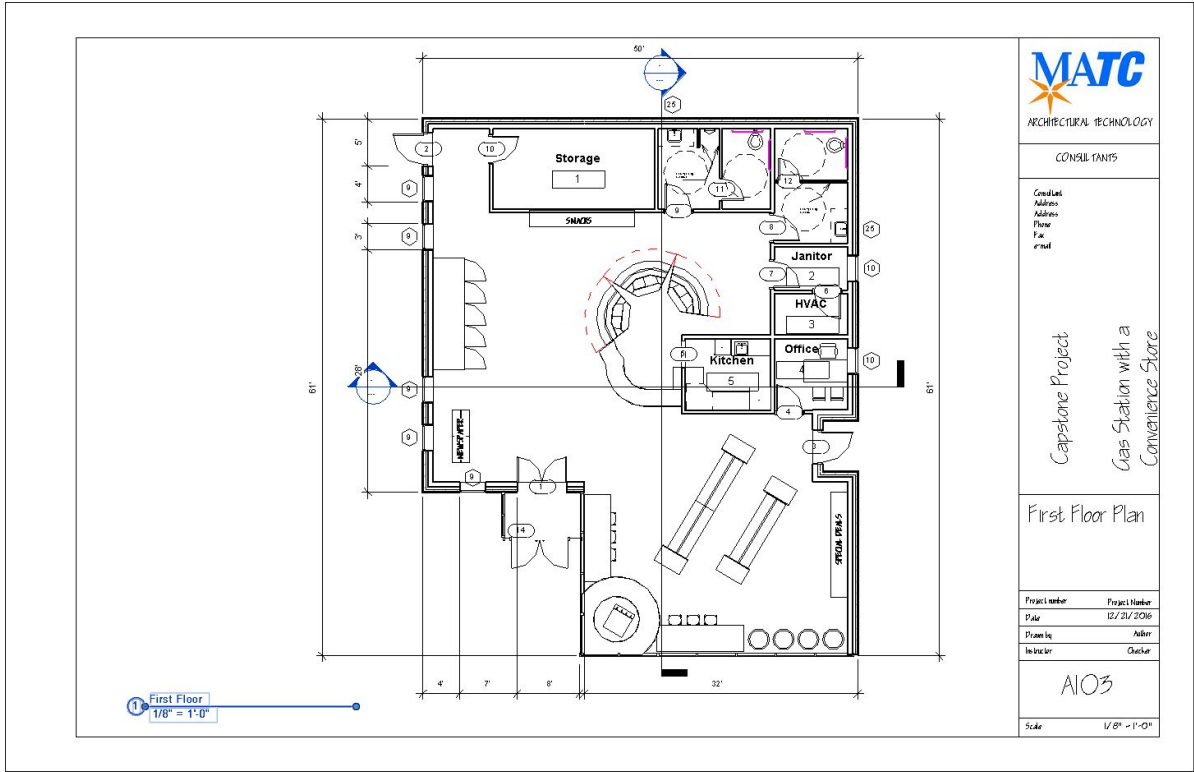
ARCH 104

ARCHITECTURAL THEORY

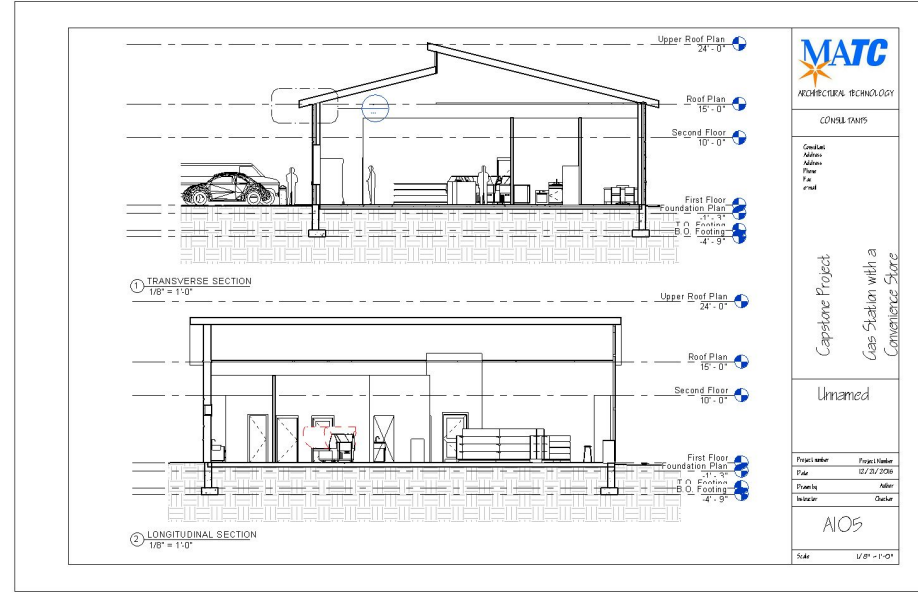
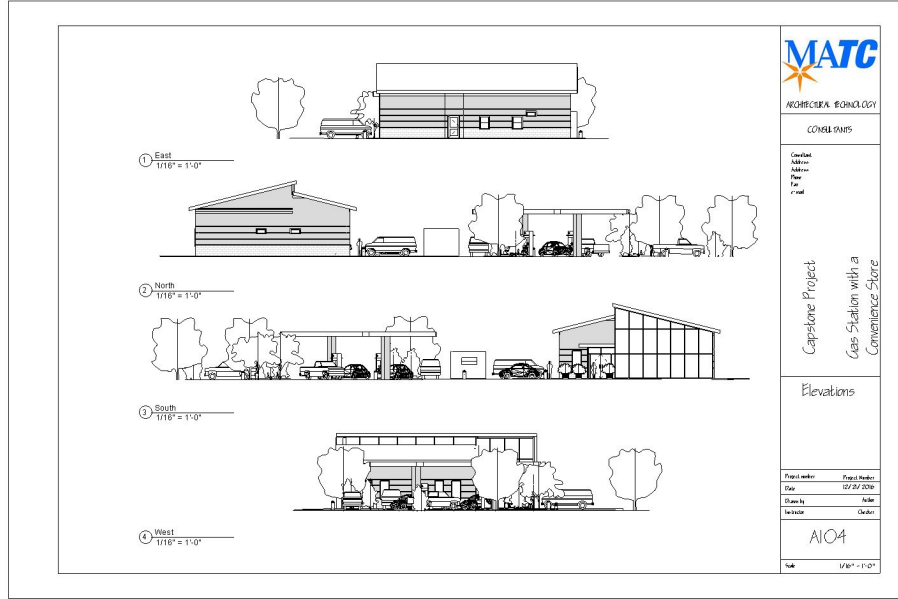
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SHEET NUMBER

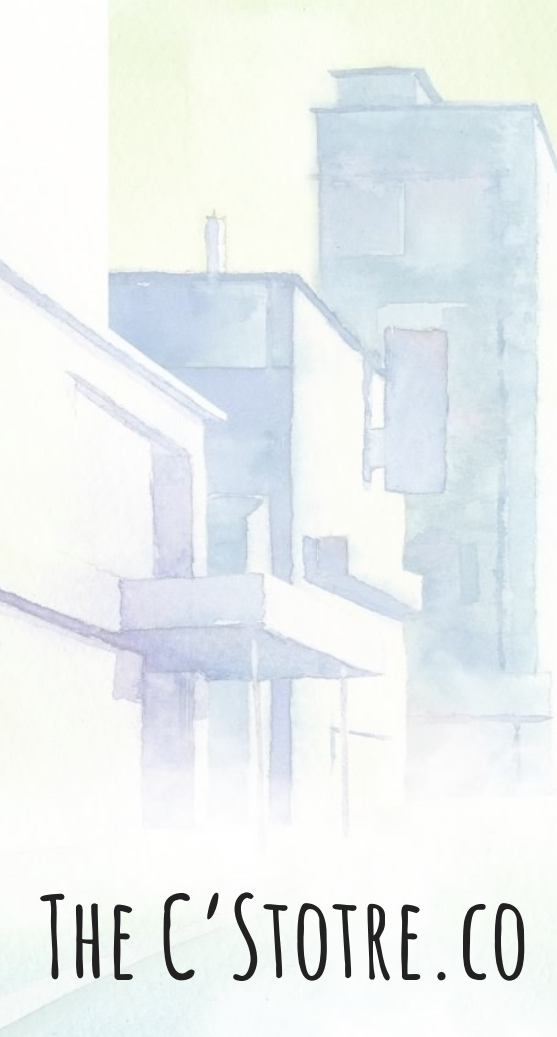
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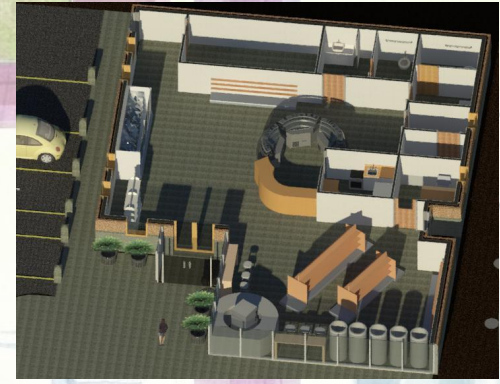
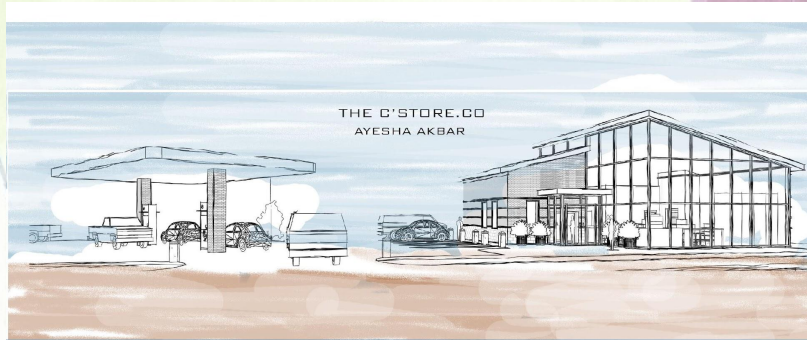
THE C'STOTRE.CO



THE C'STOTRE.CO



THE C'STOTRE.CO



Cost Estimate

Gas Station with a Convenience Store - Capstone Project

Foundation

Foundations: 896 sq. ft. x 4.32 = 3,870

Slab on grade: 2600 sq. ft. x 7.29 = 18,954

Roof

Roof : 2808 sq. ft. x 6.61 = 18,560

Exterior

Walls: 3915 sq. ft. x 24.28 = 73,204

Doors: 2 x 2,776 = 5,552

Windows: 40 X 41.50 = 1,660

THE C'STORE.CO

(COST ESTIMATE)

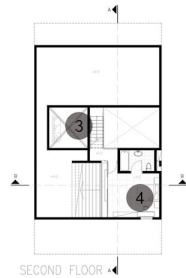
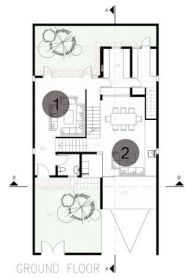
AFFORDABLE HOUSING

UNIVERSITY OF BAHRAIN
COLLEGE OF ENGINEERING- ARCHITECTURE

"THE SUSTAINABLE AFFORDABLE HOUSE FOR BAHRAIN"

Designing houses for today and tomorrow...

RENDERED IMAGES



01



02



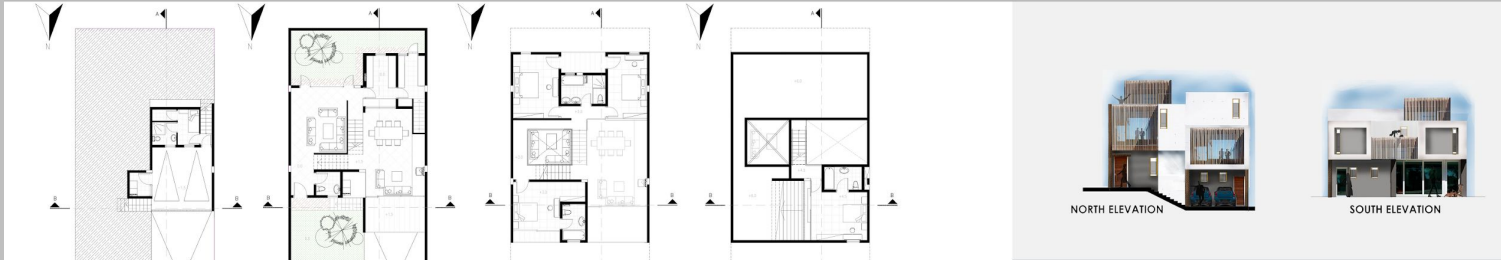
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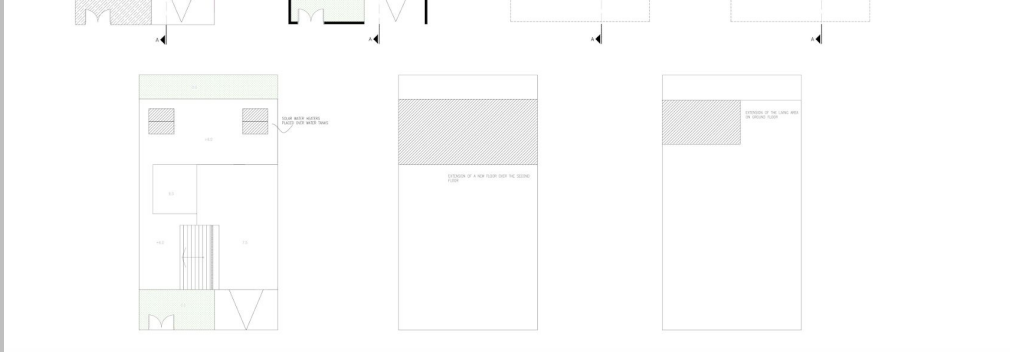
04



BASEMENT FLOOR - 1:100 GROUND FLOOR - 1:100 FIRST FLOOR - 1:100 SECOND FLOOR - 1:100



NORTH ELEVATION - 1:100 SOUTH ELEVATION - 1:100



SITE PLAN - 1:100 FUTURE EXTENSION FUTURE EXTENSION



SECTION A-A - 1:100 SECTION B-B - 1:100

A watercolor illustration of a city street scene. On the left, there are several buildings in shades of blue and green. In the foreground, a street sign on a purple pole is visible, featuring a white arrow pointing left. The background is a soft, light green wash.

APPENDIX

[APPENDIX\CostEstimate.pdf](#)
[APPENDIX\FINCOMcheck-Web compliance report 20161222 081814 242 .PDFAPPENDIX](#)
[APPENDIX\zbuildingcostestimate.pdf](#)
[APPENDIX\IBCBuildingCodeCompliance.pdf](#)
[APPENDIX\WATERWALLS.docx.pdf](#)
[APPENDIX\Commercial](#)
[APPENDIX\The C'Store.co](#)