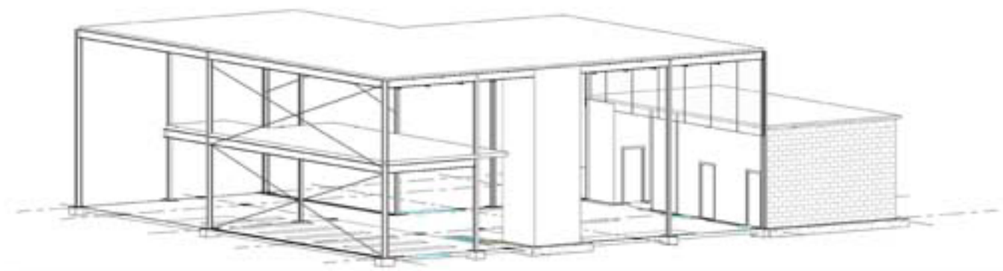
SPECIAL COLLECTIONS LIBRARY EXTENSION



DRAWING INDEX

ARCHITECTURAL

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A-2.1	First Floor Plan
A-2.2	Mezzanine Floor Plan
A-3.1	Reflected Ceiling Plan
A-4.1	Exterior Elevations
A-4.2	Exterior Elevations
A-5.1	Building Sections
A-6.1	Exterior Wall Sections
A-7.1	Details
A-8.1	Finish/ Door Schedule and Interior Partitions

STRUCTURAL

S-1.1	Foundation Plan
S-1.2	Mezzanine Framing Plan
S-1.3	Roof Framing Plan

CITY OF GAINESVILLE
ARC3463
MATERIALS AND METHODS II
UNIVERSITY OF FLORIDA

CITY OF GAINESVILLE

4,947 SQ. FT
LEED CERTIFIED

SUSTAINABLE SITES

Prereq 1	Construction Activity Pollution Prevention
Credit 1	Site Selection
Credit 3	Brownfield Redevelopment
Credit 4.1	Alternative Transportation, Public Transportation Access
Credit 4.4	Alternative Transportation, Parking Capacity
Credit 5.1	Site Development, Protect or Restore Habitat
Credit 5.2	Site development, Maximize Open Space
Credit 6.2	Stormwater Design, Quality Control
Credit 8	Light Pollution Reduction

WATER EFFICIENCY

Credit 1.1	Water Efficient Landscaping, Reduce by 50%
Credit 3.2	Water Use Reduction, 30% Reduction

ENERGY AND ATMOSPHERE

Prereq 1	Fundamental Commissioning of the Building Energy Systems
Prereq 2	Minimum Energy Performance
Prereq 3	Fundamental Refrigerant Management
Credit 3	Enhanced Commissioning

ENERGY AND ATMOSPHERE CONTINUED

Credit 4	Enhanced Refrigerant Management
Credit 5	Measurement and Verification
Credit 6	Green Power

MATERIALS AND RESOURCES

Prereq 1	Storage and Collection of Recyclables
Credit 2.1	Construction Waste Management, Divert 50% from Disposal
Credit 4.2	Recycled Content, 20% (post-consumer + 1/2 pre-consumer)
Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured
Credit 6	Rapidly Renewable Materials
Credit 7	Certified Wood

INDOOR ENVIRONMENTAL QUALITY

Prereq 1	Minimum IAQ Performance
Prereq 2	Environmental Tobacco Smoke (ETS) control
Credit 4.2	Low-Emitting Materials, Paints and Coatings
Credit 4.4	Low-Emitting Materials, Composite Wood and Agrifiber Products
Credit 8.1	Daylight and Views, Daylight 75% of Spaces

PROJECT TOTALS 29 Points (certified)

KTLLM ARCHITECTS

KATIE JOHNSON
THUY-TIEN MAC
LINDSAY EVANS
LEDIA DURMISHAJ
MISAGH ABDOLISEISAN

PROJECT DESCRIPTION

A new 4,947 gross sq. ft. two story Assembly (A-3) building to be constructed on the property adjacent to the existing public library, located in Alachua County at the corner of 12th Street and 11th Street.

DUE DATE: 06 AUGUST, 2010

BUILDING CODES

Florida Building Code 2004
NFPA 101 and NFPA 1
Florida Accessibility Code for Building Construction
USGBC LEED Rating System

BUILDING OCCUPANCY

Florida Building Code
Occupancy Classification: Assembly A-3

BUILDING CONSTRUCTION TYPE

Required Type of Construction: V-B

PROJECT DETAILS

HIGHEST POINT: +25' 4" AT METAL CLADDING

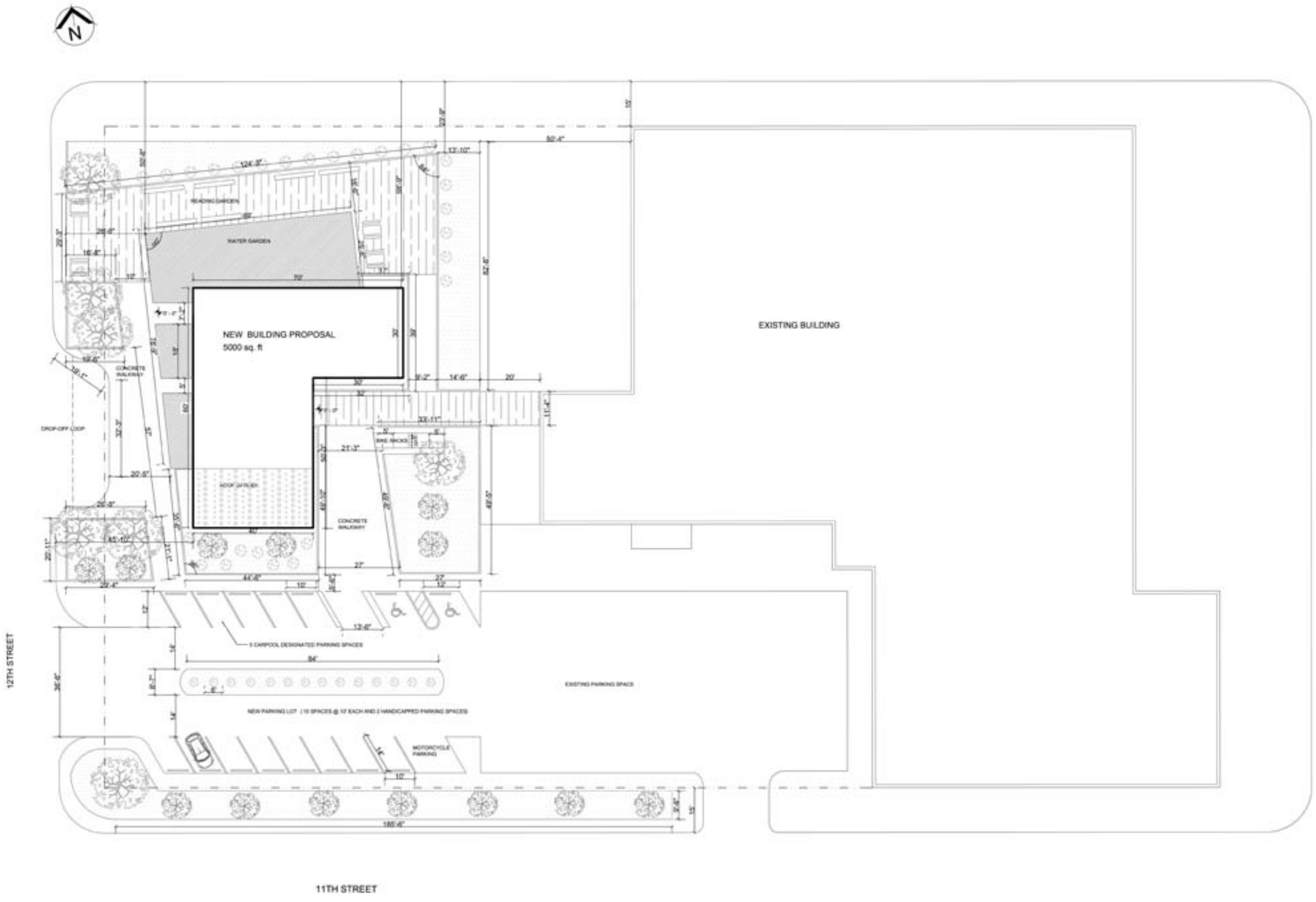
Reading space	SQ. 3446
Stack area	SQ. 740
Storage/ Mechanical	SQ. 761
TOTAL GROSS SQ. FT. (air-conditioned space)	SQ. 4947

FIRE PROTECTION SYSTEMS

BY OTHERS
a supervised / monitored detection system shall be designed, specified, installed and maintained by the owner as required by authorities having jurisdiction over that of the project.

LAND DEVELOPMENT REGULATIONS

ZONING
Alachua County
WATER MANAGEMENT
St. John's Water Management District



Special Collection Library Extension

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LEGEND

- LIVE OAK
- GERIGER TREE
- FIREBUSH-HAMELA PATENS
- LICANIA MICHAUXII PRANCE
- GRASS
- WOOD

University of Florida

Gainesville, FL

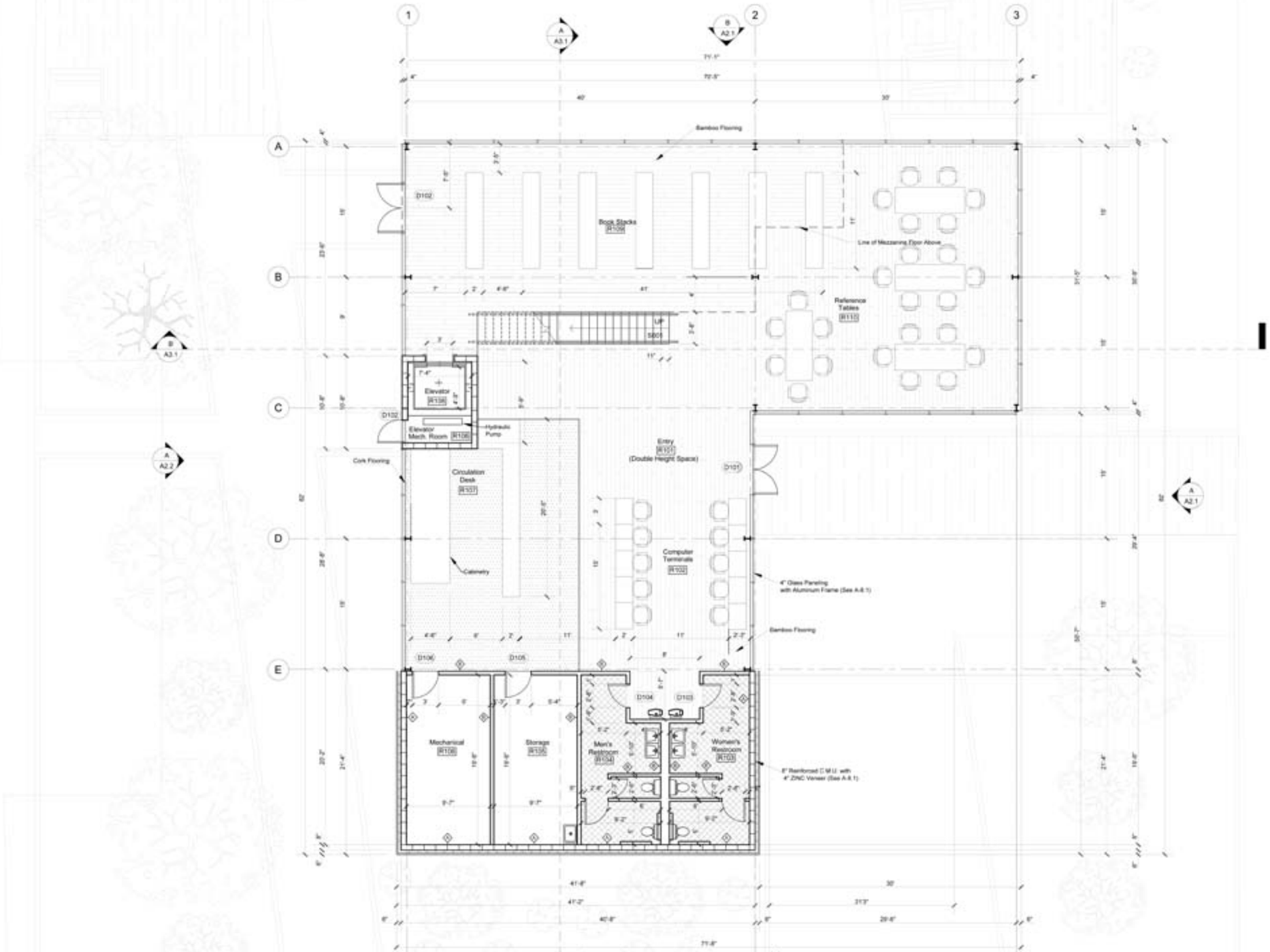
Site Plan

Project number	2000.01
Date	06 August, 2010

A - 1.1

Scale 1/16" = 1'-0"

06 August, 2010



A FIRST FLOOR PLAN
3/16"= 1'-0"

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LEGEND

- R101 ROOM TAG
- WALL TAG
- D101 DOOR TAG
- CERAMIC TILE FLOORING
- CORK FLOORING
- DOOR TAG

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Gainesville, FL

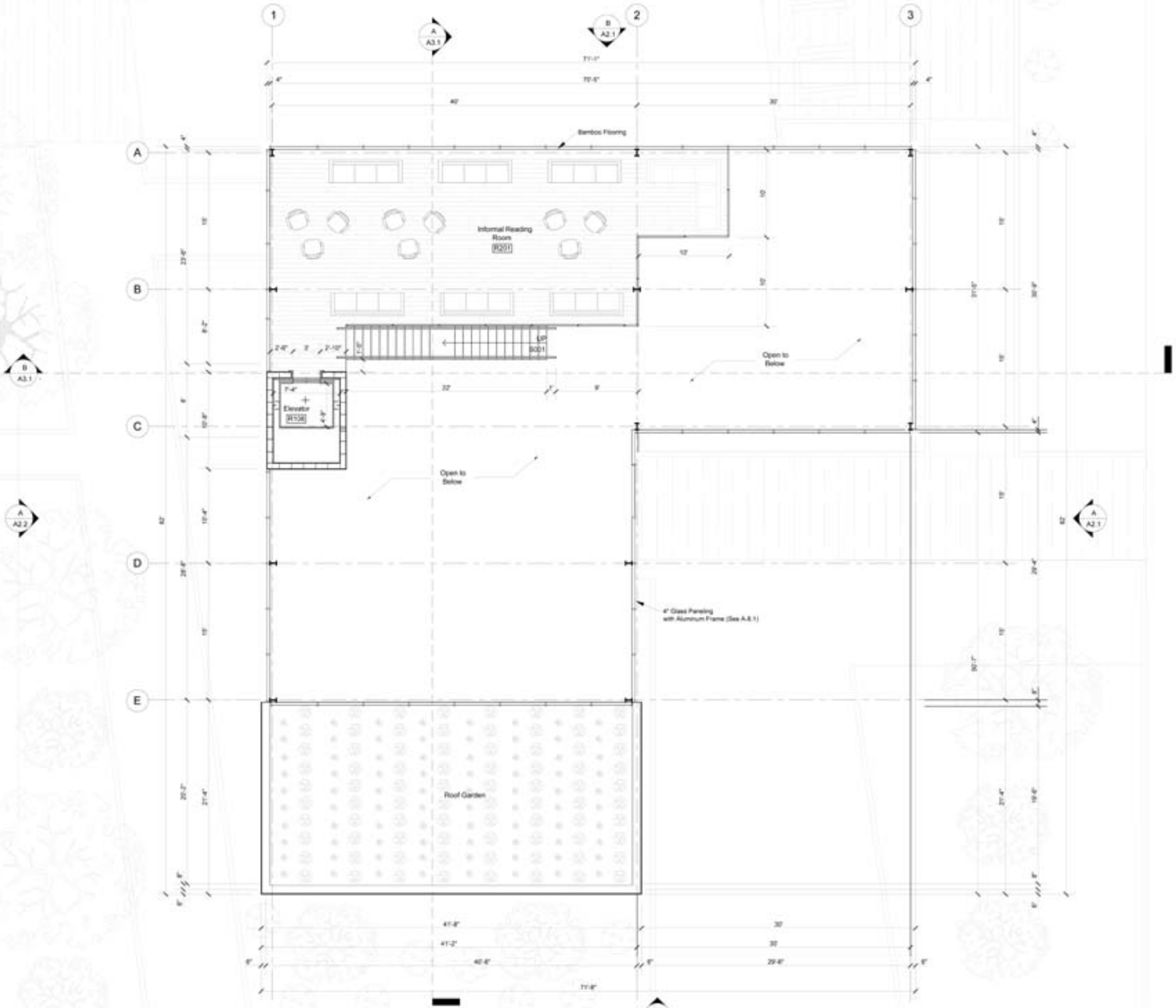
First Floor Plan: Entry Level

Project number	2000.01
Date	06 August, 2010

A - 2.1

Scale 3/16" = 1'-0"

06 August, 2010



B MEZZANINE FLOOR PLAN
3/16"= 1'-0"

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LEGEND

- R101 ROOM TAG
- WALL TAG
- D101 DOOR TAG
- CERAMIC TILE FLOORING
- CORK FLOORING
- DOOR TAG

University of Florida

Gainesville, FL

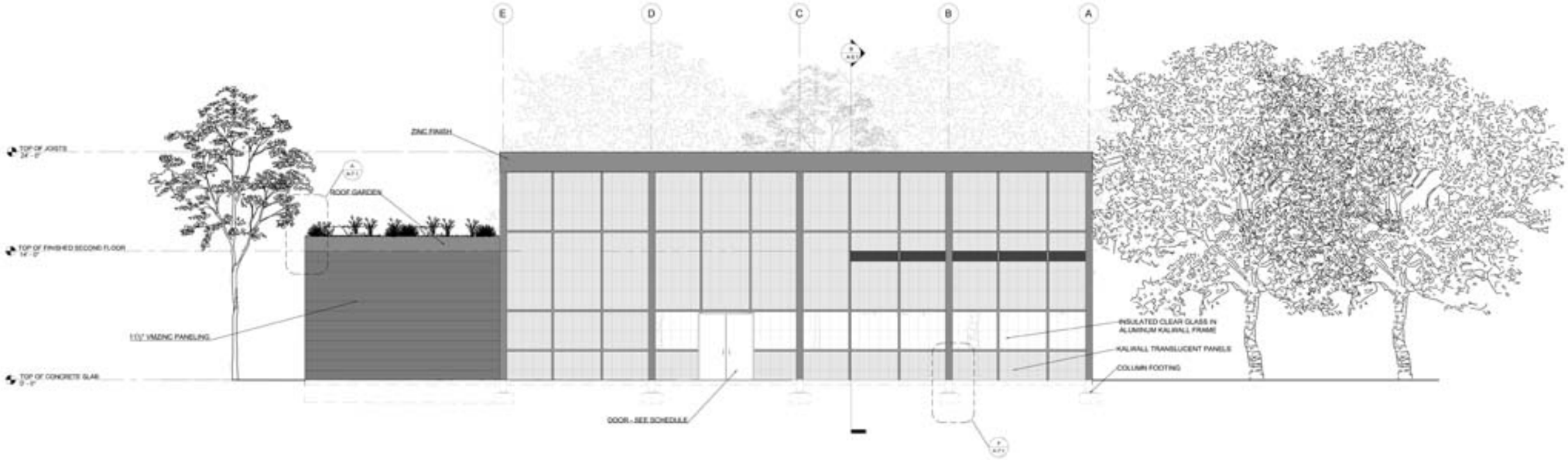
Second Floor Plan: Mezzanine Level

Project number	2000.01
Date	06 August, 2010

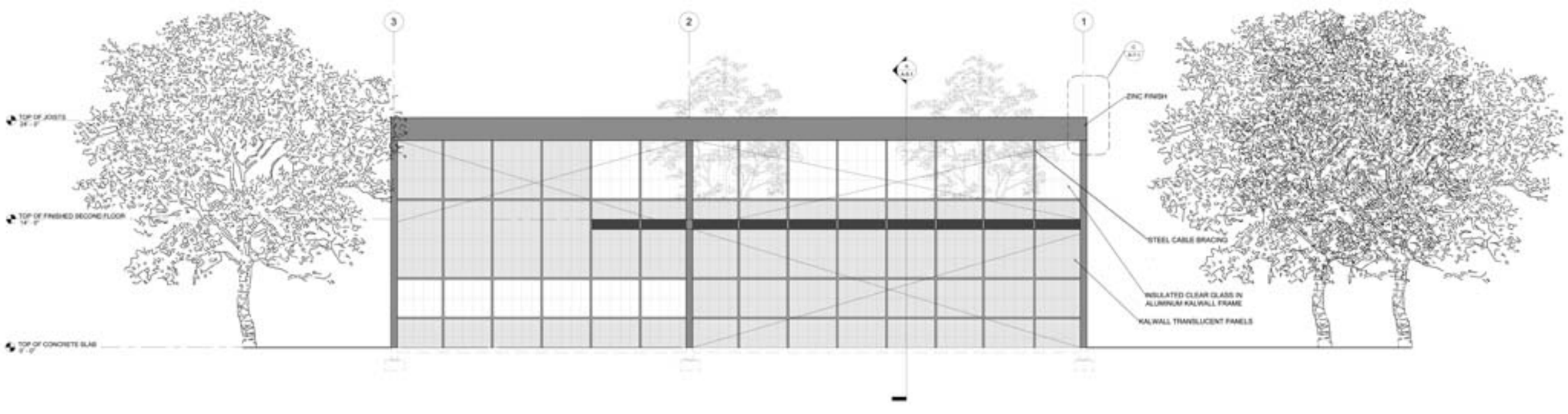
A - 2.2

Scale	3/16" = 1'-0"

06 August, 2010



A EAST ELEVATION
$\frac{3}{16}$" = 1'0"



B NORTH ELEVATION
$\frac{3}{16}$" = 1'0"

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No.	Description	Date

University of Florida

Gainesville, FL

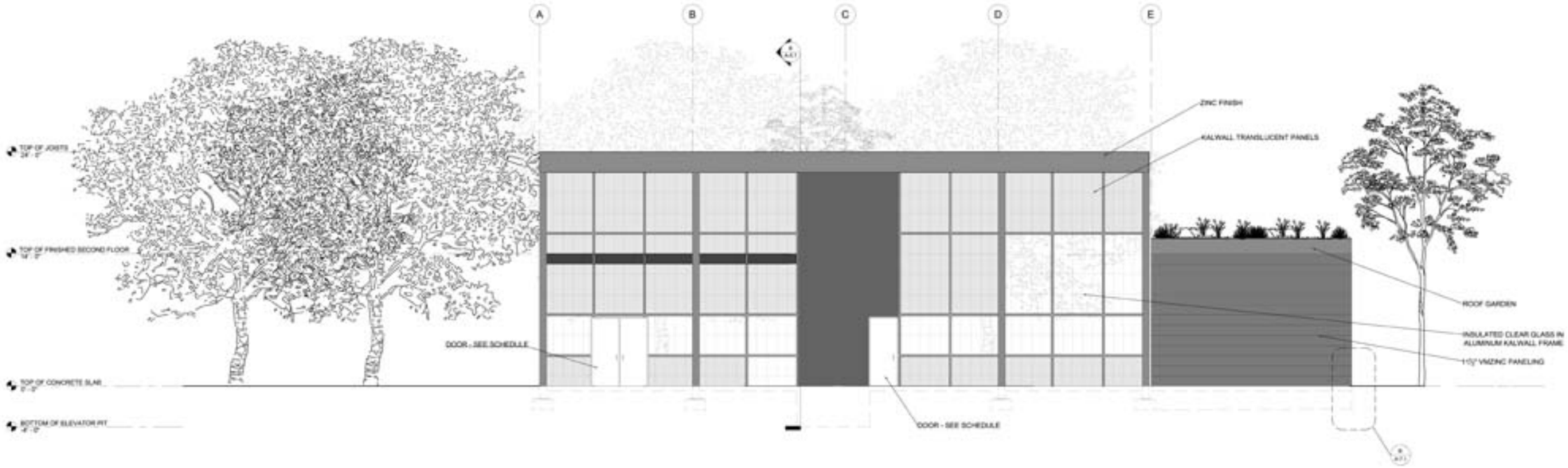
Elevations

Project number	2000.01
Date	06 August, 2010

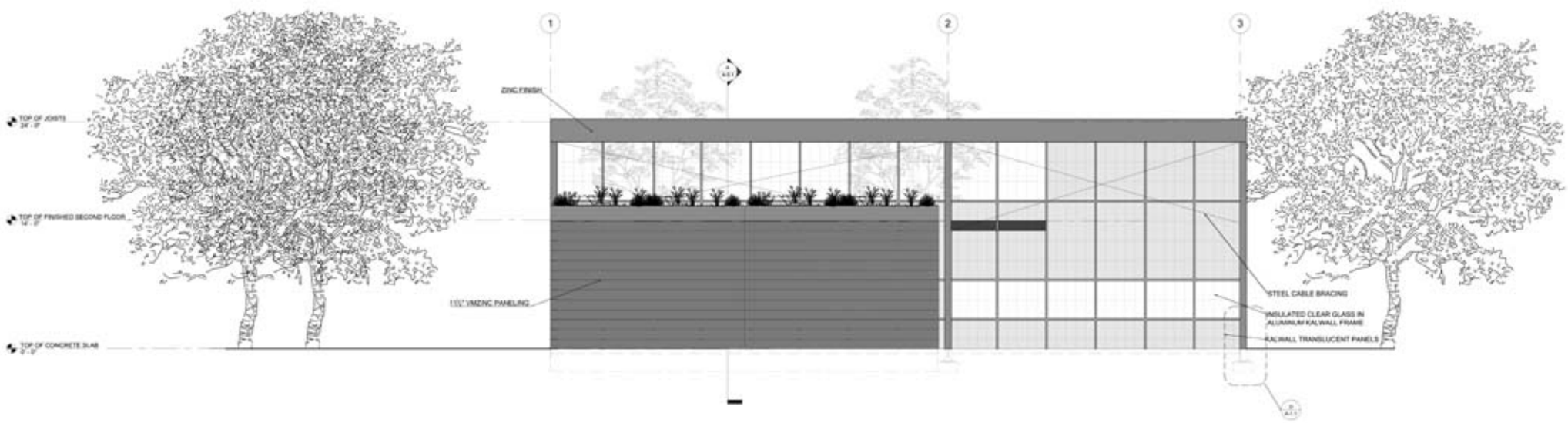
A - 4.1

Scale 3/16" = 1'-0"

06 August, 2010



A WEST ELEVATION
1/8" = 1'0"



B SOUTH ELEVATION
1/8" = 1'0"

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No.	Description	Date

University of Florida

Gainesville, FL

Elevations

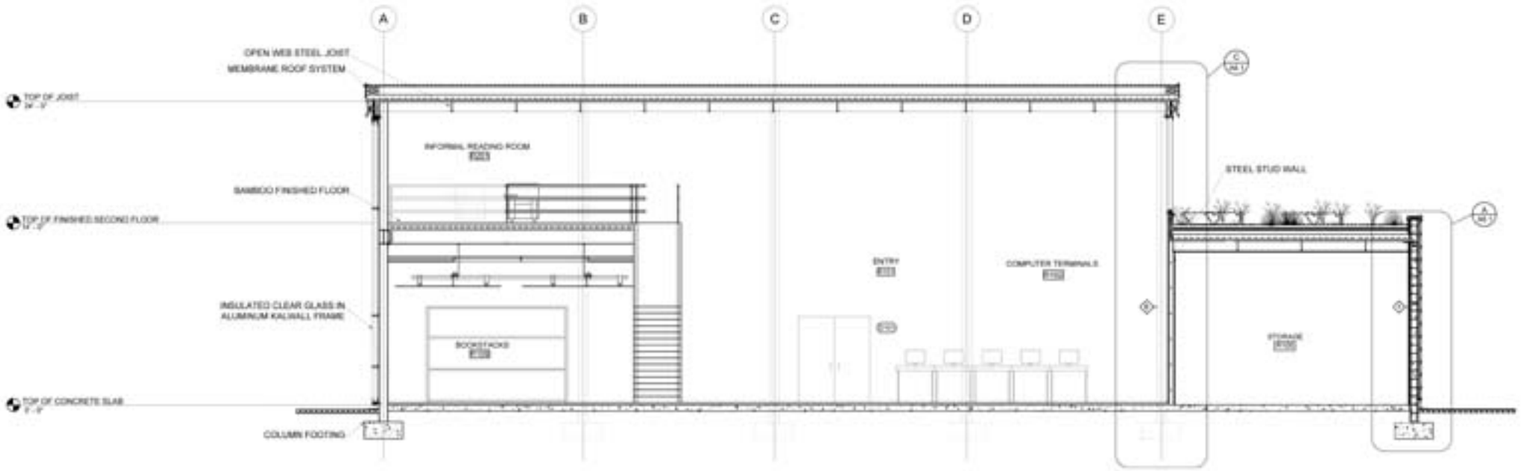
Project number 2000.01

Date 06 August, 2010

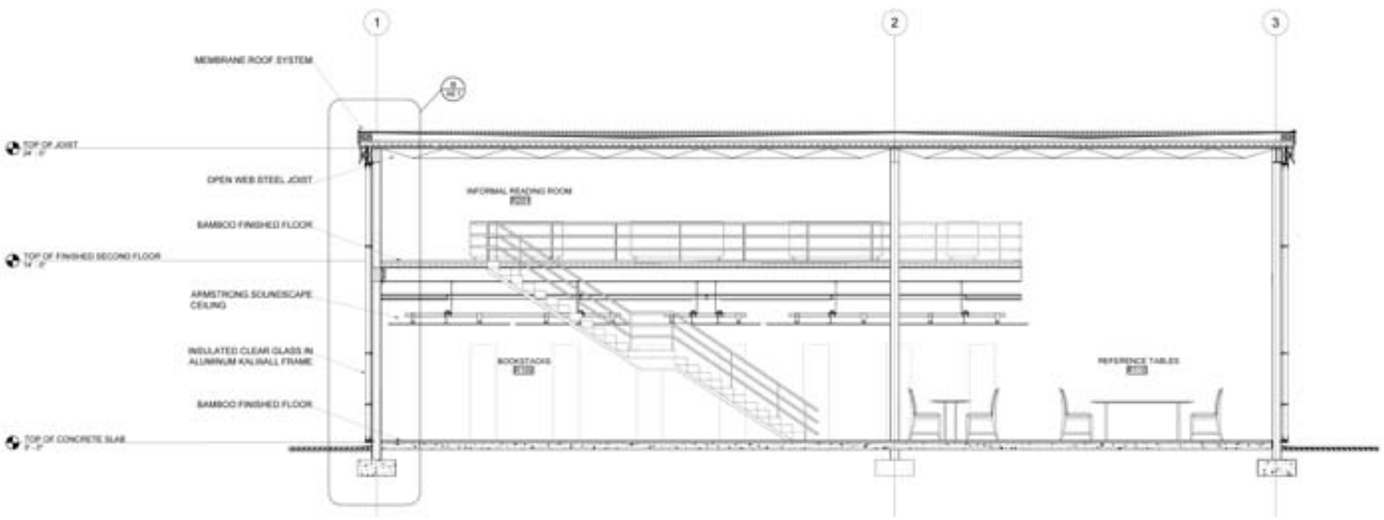
A - 4.2

Scale 3/16" = 1'-0"

06 August, 2010



A BUILDING SECTION
3/16" = 1'-0"



B BUILDING SECTION
3/16" = 1'-0"

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No.	Description	Date

University of Florida

Gainesville, FL

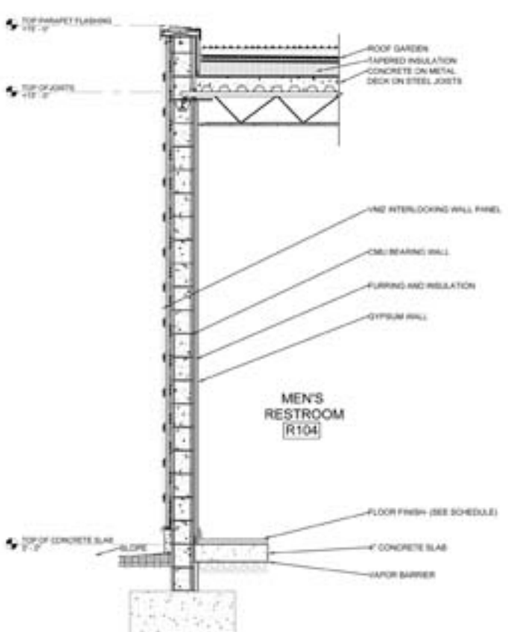
Building Sections

Project number	2000.01
Date	06 August, 2010

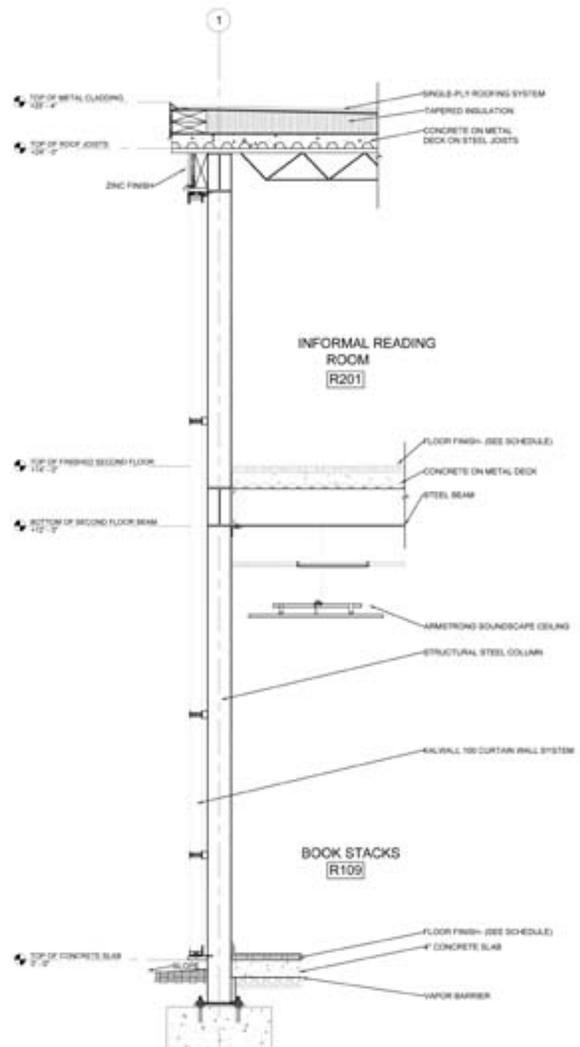
A - 5.1

Scale 3/16" = 1'-0"

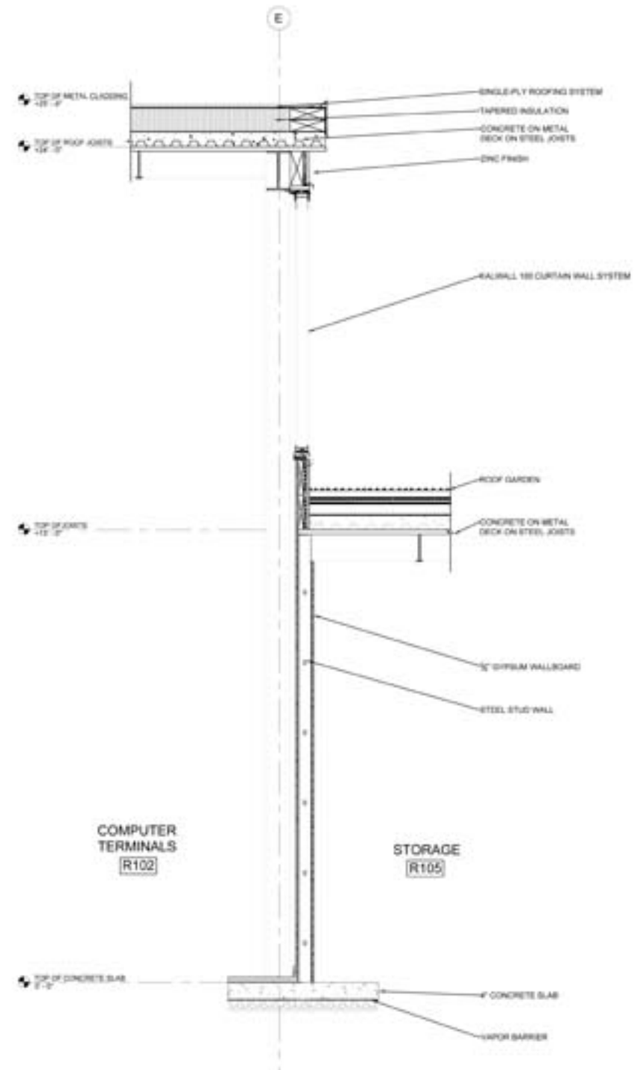
06 August, 2010



A WALL SECTION
1/2" = 1'-0"



B WALL SECTION
1/2" = 1'-0"



C WALL SECTION
1/2" = 1'-0"

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No.	Description	Date

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Gainesville, FL

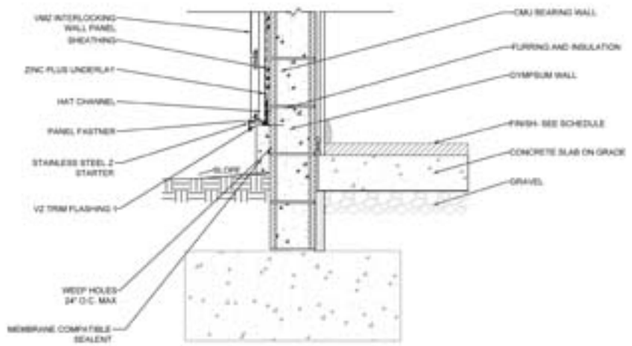
Wall Sections

Project number	2000.01
Date	06 August, 2010

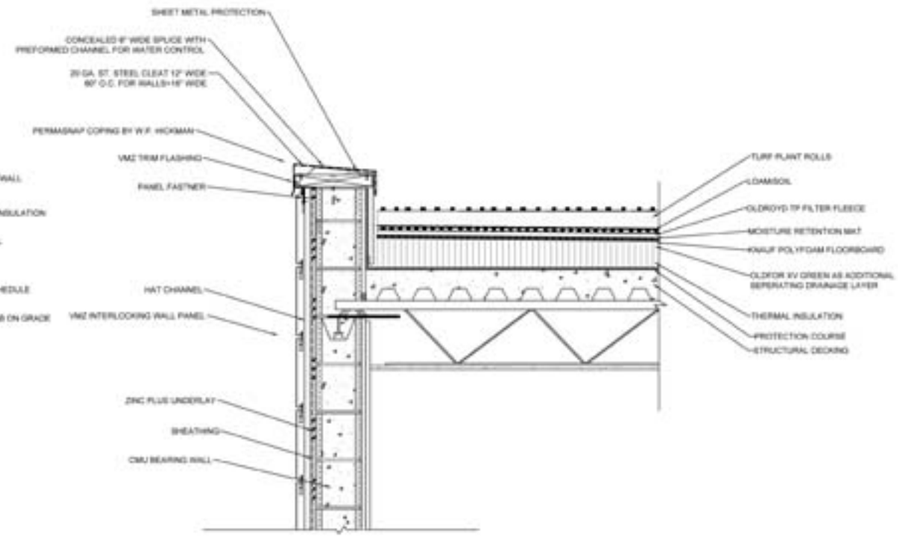
A - 6.1

Scale 1/2" = 1'-0"

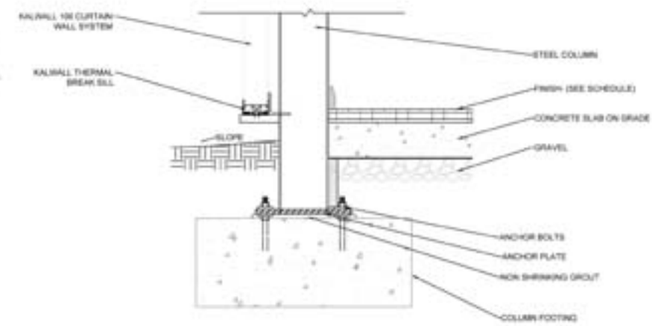
06 August, 2010



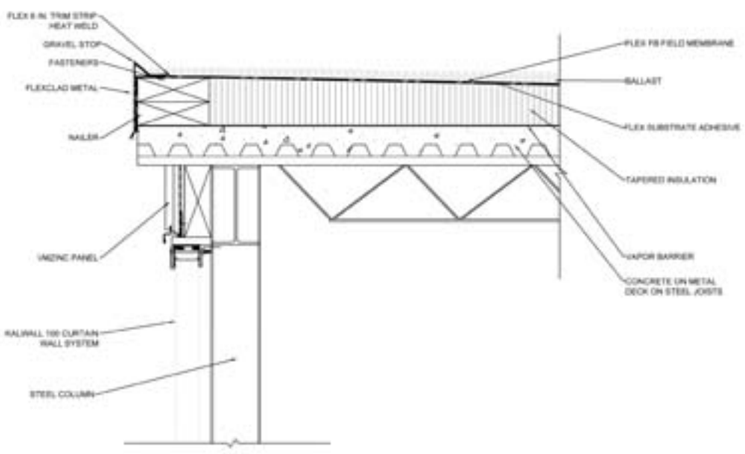
A MASONRY FOUNDATION DETAIL
1" = 1'-0"



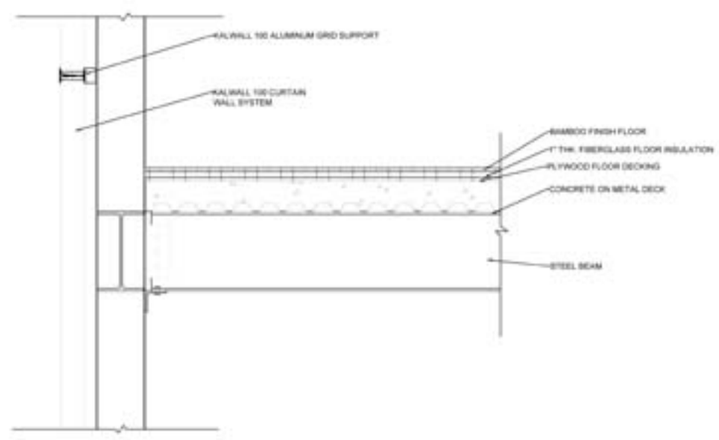
B MASONRY ROOF DETAIL
1" = 1'-0"



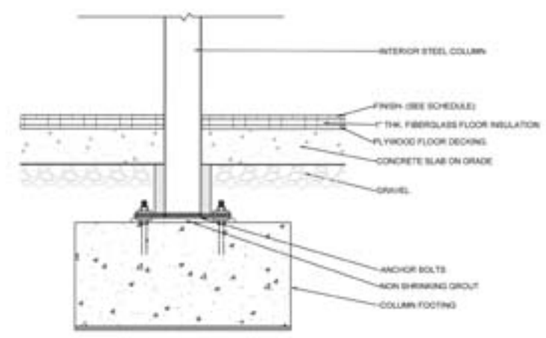
C STEEL COLUMN FOOTING DETAIL
1" = 1'-0"



D STEEL COLUMN ROOF DETAIL
1" = 1'-0"



E STEEL COLUMN BEAM JOINT DETAIL
1" = 1'-0"



F INTERIOR COLUMN FOUNDATION DETAIL
1" = 1'-0"

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Description	Date

University of Florida

Gainesville, FL

Details

Project number	2000.01
Date	06 August, 2010

A - 7.1

Scale 1" = 1'-0"

06 August, 2010

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME/ STAIR NO.	FLOOR		WALL BASE	WALLS								CEILING			REMARKS
					NORTH		EAST		SOUTH		WEST					
		MATERIAL	FINISH		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HT.	
FLOOR: LOWER LEVEL																
R101	ENTRY	SOG	Bamboo Floor	WD	—	—	GL/AL	—	—	—	—	—	EX	—	21'-0"	
R102	COMPUTER TERMINALS	SOG	Bamboo Floor	WD	—	—	GL/AL	—	—	—	—	—	EX	—	21'-0"	
R103	WOMEN'S RESTROOM	SOG	Ceramic Tile	Ceramic Tile	GWB	PTD	Zinc/CMU	PTD	Zinc/CMU	PTD	GWB	PTD	EX	—	12'-7"	
R104	MEN'S RESTROOM	SOG	Ceramic Tile	Ceramic Tile	GWB	PTD	GWB	PTD	Zinc/CMU	PTD	GWB	PTD	EX	—	12'-7"	
R105	STORAGE	SOG	Sealer	—	GWB	PTD	GWB	PTD	Zinc/CMU	PTD	GWB	PTD	EX	—	12'-7"	
R106	MECHANICAL	SOG	Sealer	—	GWB	PTD	GWB	PTD	Zinc/CMU	PTD	ZINC	PTD	EX	—	12'-7"	
R107	CIRCULATION DESK	SOG	Cork	WD	—	—	GL/AL	—	—	—	—	—	EX	—	21'-0"	
R108	ELEVATOR	SOG	Ceramic Tile	Ceramic Tile	ST	—	CMU	WD	CMU	WD	CMU	WD	EX	—	8'-0"	
R109	BOOK STACKS	SOG	Bamboo Floor	WD	GL/AL	—	—	—	—	—	GL/AL	—	ACC	—	8'-9"	Acoustical
R110	REFERENCE TABLES	SOG	Bamboo Floor	WD	GL/AL	—	GL/AL	—	GL/AL	—	—	—	EX	—	21'-0"	
R111	ELEVATOR MECHANICAL	SOG	Sealer	—	CMU	PTD	CMU	PTD	CMU	PTD	CMU	PTD	GWD	—	21'-0"	
S001	STAIR TO MEZZANINE	WD/Zinc	Bamboo Floor													
FLOOR: MEZZANINE LEVEL																
R201	INFORMAL READING ROOM	Conc	Bamboo Floor	WD	GL/AL	—	—	—	GL/AL	—	GL/AL	—	EX	—	8'-0"	

MATERIAL, FINNISH, AND DOOR ABBREVIATIONS

ACC	Acoustical Ceiling Cloud
Al	Aluminum
CMU	Concrete Masonry Unit
Conc	Concrete
EX	Exposed
Gl	Glass
GWB	Gypsum Wall Board
M	Metal
PTD	Painted
SOG	Slab On Grade
ST	Steel
WD	Wood

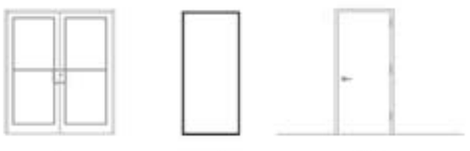
DOOR SCHEDULE

FLOOR: LOWER LEVEL

Door No.	FROM/TO	DOOR SIZE			DOOR TYPE		FRAME TYPE			HARDWARE SET NO.	LABEL	REMARKS
		THICK	WIDTH	HEIGHT	TYPE	MATERIAL	MATERIAL	DETAILS	THRESHOLD			
D101	EXTERIOR/ ENTRY	1 3/4"	3'-0"	8'-0"	A	GL	AL	A-4.1	DETAIL 1			
D102	EXTERIOR/ BOOK STACKS	1 3/4"	3'-0"	8'-0"	A	GL	AL	A-4.2	DETAIL 1			
D103	COMPUTER TERMINALS/ WOMEN'S RESTROOM	1 3/4"	3'	8'-0"	B	WD	WD		DETAIL 2			
D104	COMPUTER TERMINALS/ MEN'S RESTROOM	1 3/4"	3'	8'-0"	B	WD	WD		DETAIL 2			
D105	CIRCULATION DESK/ STORAGE	1 3/4"	3'	8'-0"	C	M	M		DETAIL 3			45 Minute Fire Rated
D106	CIRCULATION DESK/ MECHANICAL	1 3/4"	3'	8'-0"	C	M	M		DETAIL 3			45 Minute Fire Rated
D107	ELEVATOR MECHANICAL	1 3/4"	3'	8'-0"	C	M	M	A-4.2	DETAIL 3			45 Minute Fire Rated

DOOR TYPES

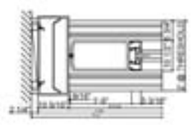
1/4"=1'-0"



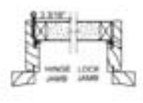
A
DOUBLE ACTING DOORS

B
IN-SWING SINGLE DOOR

C
SINGLE DOOR



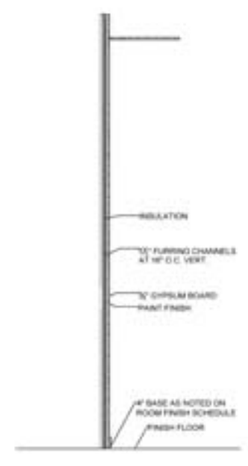
DETAIL 1
1/2"=1'-0"



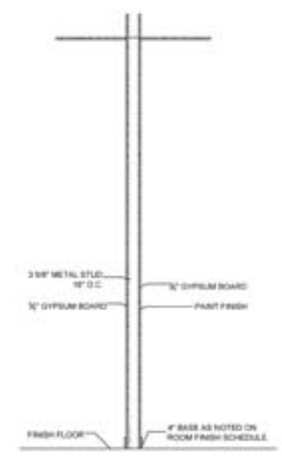
DETAIL 2
3"=1'-0"

DOOR STILE DETAIL

DETAIL 3
6"=1'-0"



A CMU INTERIOR FINISH
3/4" = 1'-0"



B METAL STUD PARTITION
3/4" = 1'-0"

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No.	Description	Date

University of Florida

Gainesville, FL

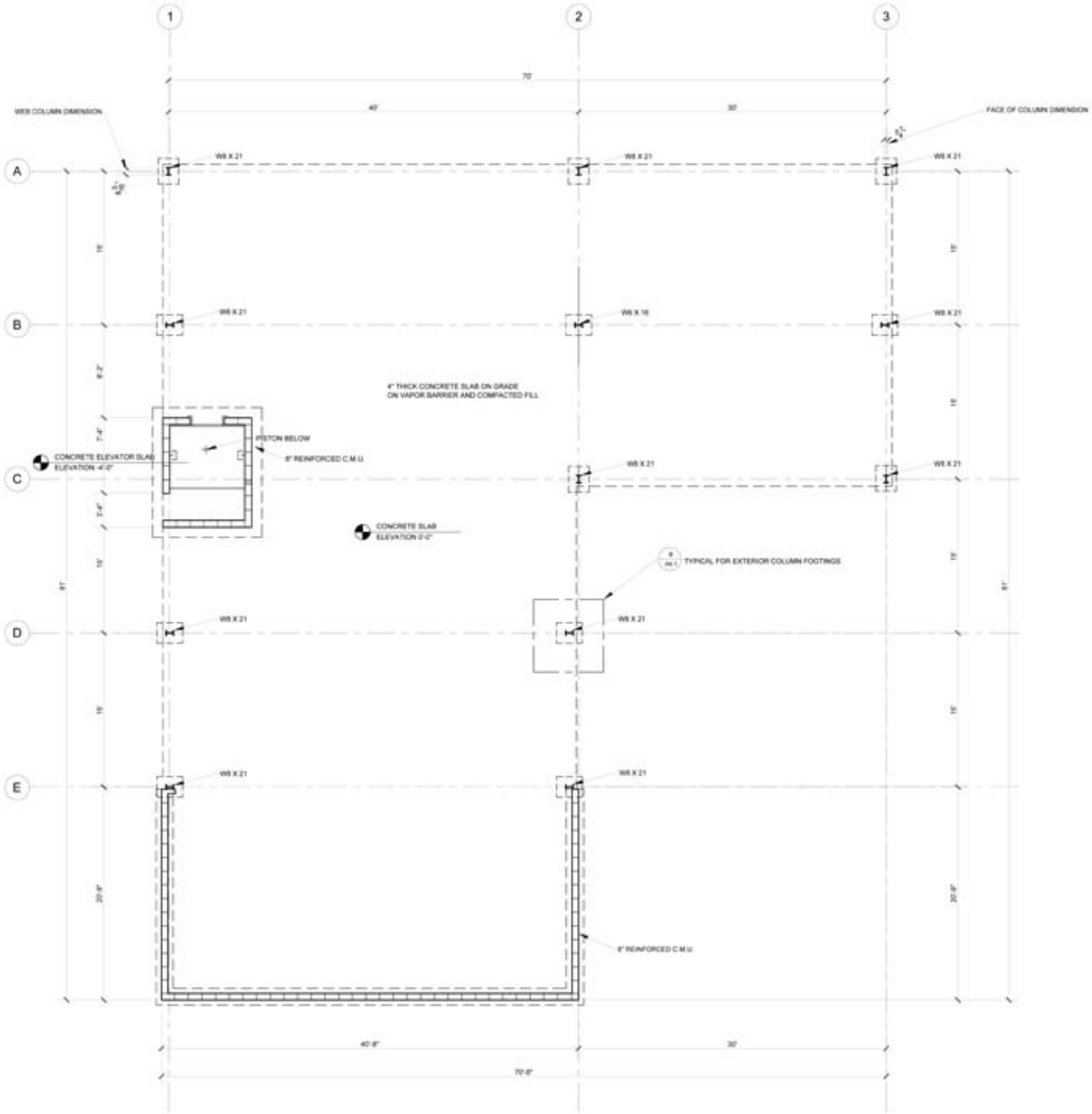
Finish and Door Schedule

Project number	2000.01
Date	06 August, 2010

A - 8.1

Scale 1/2" = 1'-0"

06 August, 2010



A FOUNDATION PLAN
3/16"= 1'-0"

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No.	Description	Date

University of Florida

Gainesville, FL

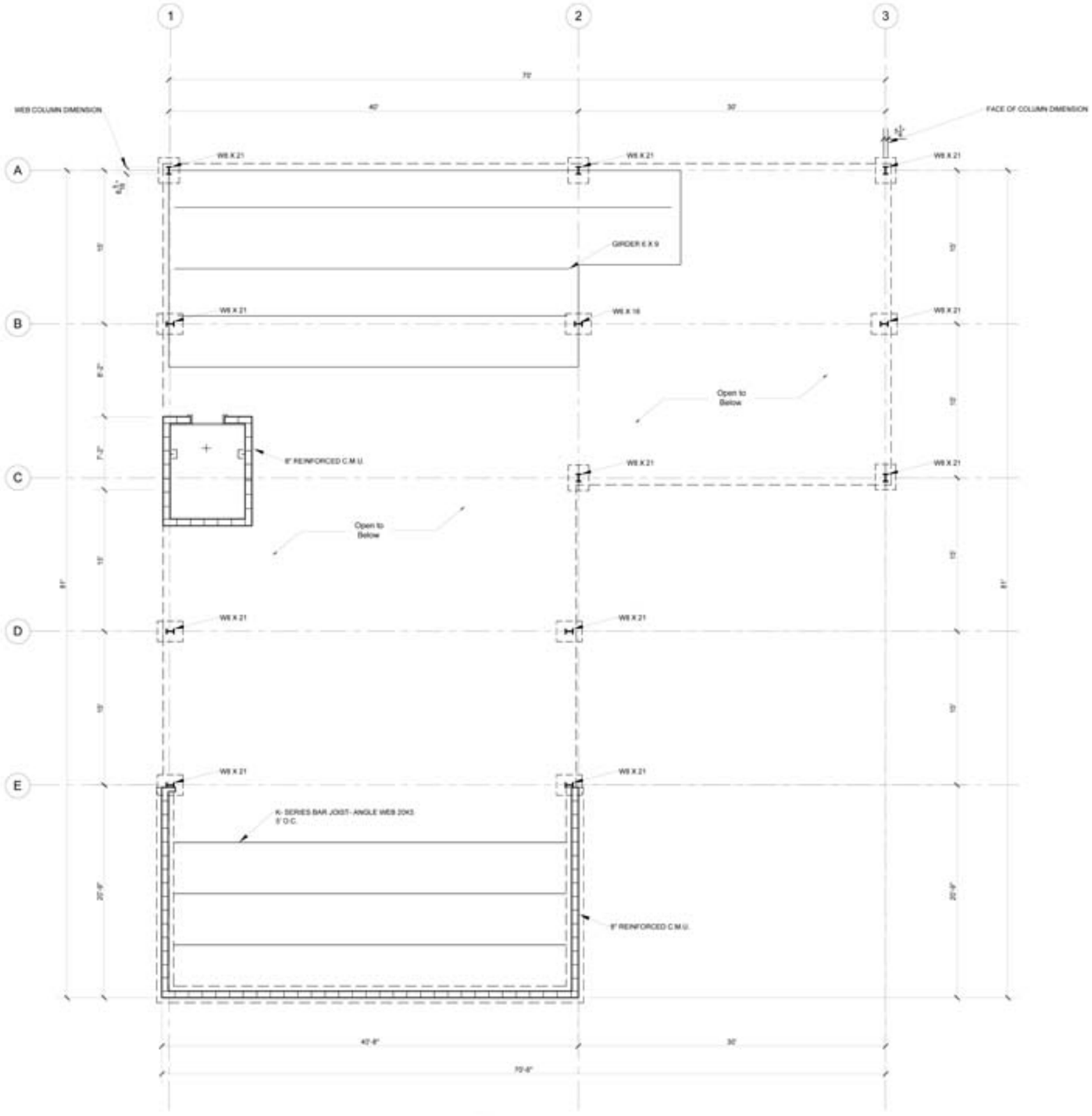
Foundation Plan

Project number	2000.01
Date	06 August, 2010

S - 1.1

Scale 3/16" = 1'-0"

06 August, 2010



B MEZZANINE FRAMING PLAN
3/16" = 1'-0"

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No.	Description	Date

University of Florida

Gainesville, FL

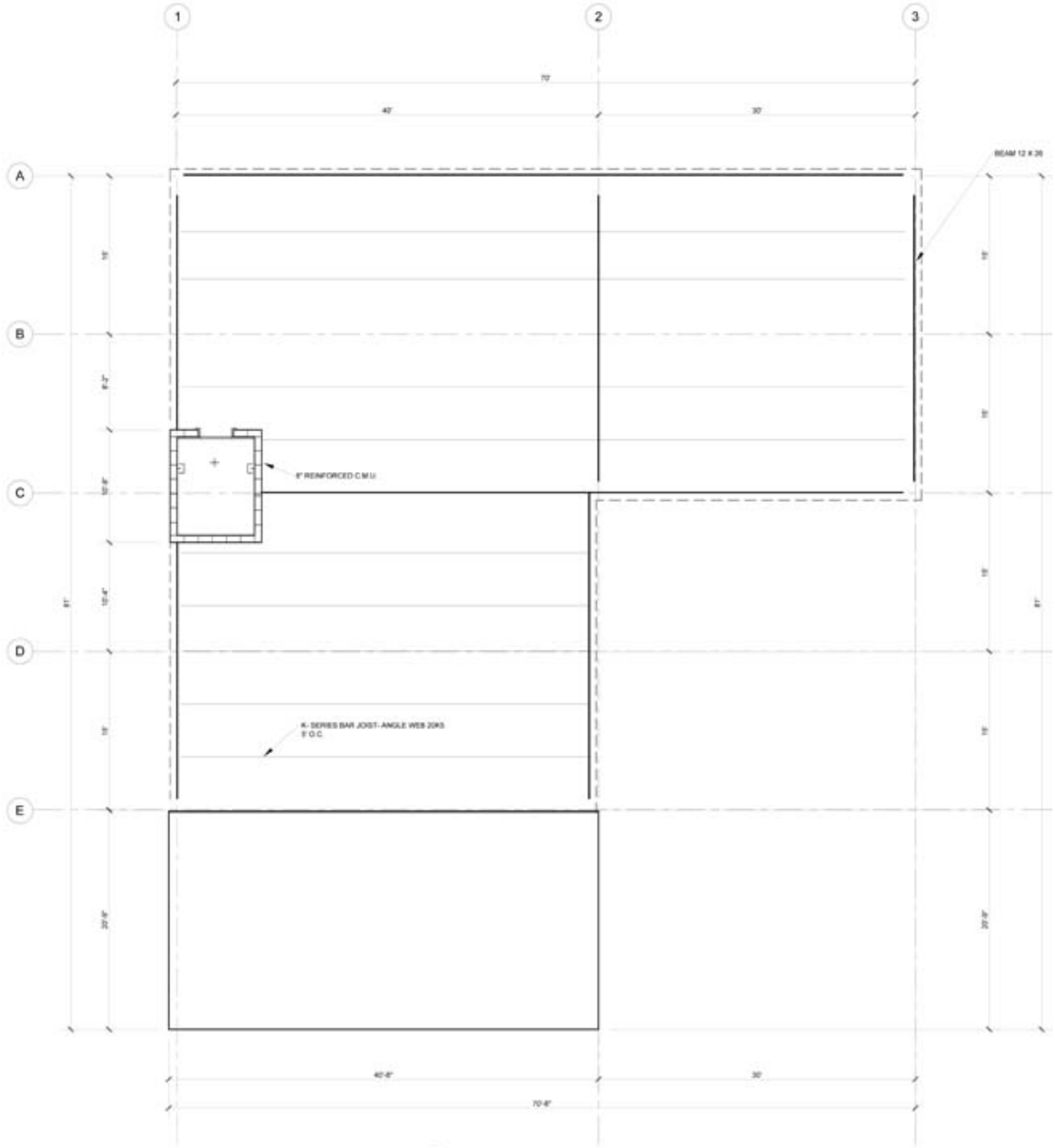
Mezzanine Framing Plan

Project number	2000.01
Date	06 August, 2010

S - 1.2

Scale 3/16" = 1'-0"

06 August, 2010



C ROOF FRAMING PLAN
3/16"= 1'-0"

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No.	Description	Date

University of Florida

Gainesville, FL

Roof Framing Plan

Project number	2000.01
Date	06 August, 2010

S - 1.3

Scale 3/16" = 1'-0"

06 August, 2010