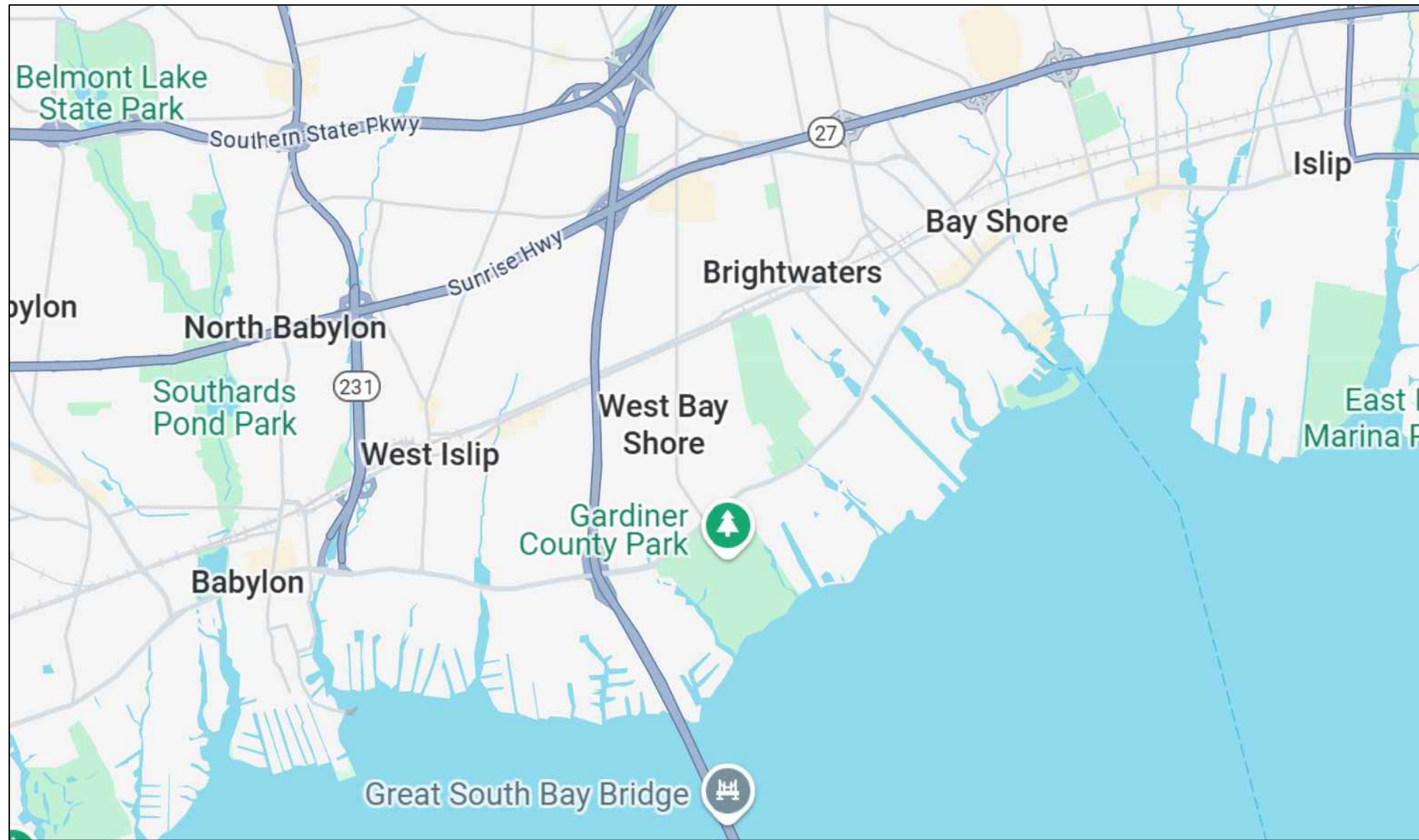




Town of Islip
Geographic Table Design Requirements
For Commercial and Residential Permits
2020 NYS Uniform Code

The Town of Islip is within a hurricane prone region, Climate Zone 4a.

TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA													
GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topographic Effects	Special Wind Region	Wind-Born Debris Zone		Weathering	Frost Line Depth	Termite					
20	130 Vult	no	no	1 Mile from Coast and Fire Island	B	Severe	BOF 3 FT BFG	Mod To Heavy	See Below	Yes	Call the Plans Examiners Office	599	51° F

MANUAL J CRITERIA REQUIRED IN SUBMITTED CALCULATIONS							
ELEVATION	LAT	WINTER HEATING	SUMMER COOLING	ALTITUDE CORRECTION FACTOR	INDOOR DESIGN TEMP	DESIGN TEMPERATURE COOLING	HEATING TEMPERATURE DIFFERENCE
108 FT	41° N	15° F	86° F	1.00	70° F	75° F	55° F
Cooling Temperature Difference	Wind Velocity Heating	Wind Velocity Cooling	Coincident Wet Bulb	Daily Range	Winter Humidity	Summer Humidity	
11° F	15 MPH	7.5 MPH	72° F	Medium (M)	40%	32 GR @50% RH	

IBC CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA													
GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topographic Effects	Special Wind Region	Wind-Born Debris Zone		Weathering	Frost Line Depth	Termite					
20	130 Vult	No	No	1 Mile from Coast and Fire Island	B	Severe	BOF 3 FT BFG	Mod To Heavy	See Below	Yes	Call the Plans Examiners Office	599	51° F

- Winter Design Temp:
- Interior spaces intended for human occupancy shall be provided with an indoor temperature of not less than 68° F at a point 3 feet above the floor on the design heating day
 - System design shall be based on max 72° F heating, minimum 75° F cooling
 - Degree days (NY LaGuardia) 4811, Winter Design Temp 15° F, Dry Bulb 69° F, Wet Bulb 75° F (2020 IPC Appendix D)
 - As per NYSBC 2020 Chapter 16 section 1609 and ASCE 7 2016, wind exposure category and surface roughness is B
 - Use C for both South Shore and Fire Island

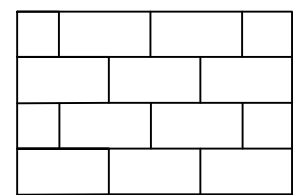
GENERAL NOTES:

- GENERAL NOTES APPLY TO ALL DRAWINGS
- DO NOT SCALE DRAWINGS. ANY DIMENSIONAL INFORMATION REQUIRED WHICH IS NOT INDICATED ON DRAWING DIMENSION STRINGS SHALL BE OBTAINED FROM THE ARCHITECT.
- DIMENSIONS SHOWN ARE FINISH SURFACE OF EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS (I.E. EXISTING MATERIALS, FRAMING MEMBER SIZES AND LOCATIONS, METHODS OF CONSTRUCTION). IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT BEFORE PROCEEDING WITH WORK.
- CONTRACTOR SHALL PAY ALL PERMIT FEES.
- CONTRACTOR SHALL MAINTAIN THE IMMEDIATE CONSTRUCTION SITE IN A SECURE, CLEAN AND SAFE MANNER.
- PROTECTION: CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR TAKING ALL STEPS NECESSARY TO PROTECT THE PUBLIC FROM INJURY AND ADJACENT PROPERTY DAMAGES DURING CONSTRUCTION AS REQUIRED BY LOCAL CODES.
- REPAIR ALL EXISTING CONSTRUCTION AFFECTED BY NEW WORK TO ITS ORIGINAL CONDITION

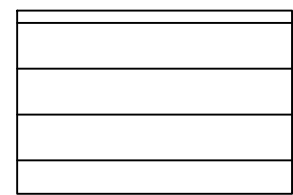
TYPICAL ABBREVIATIONS

A/C: Air Conditioner
A.C.: Asphaltic Concrete
ACI: American Concrete Institute
Acous.: Acoustical
ADA: Americans with Disabilities Act of 1992
Adj.: Adjustable
Bd.: Board
Brz.: Bronze
Cab.: Cabinet
BV: Cadmium or Computer-Aided Drafting
C.C.: Center to Center
C.D.: Construction Document
Cem.: Cement
Cer.: Ceramic
C.I.: Cast Iron
CL.: Closet
FRPF: Fireproof
FS: Far Side
FT.: Feet or Foot
FTG: Fitting
GA.: Gauge
Galv.: Galvanized
G.C.: Gen
Int.: Interior
Inv.: Invert

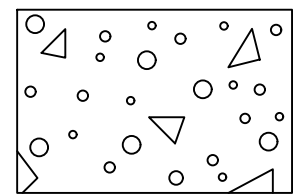
DRAWING SYMBOLS



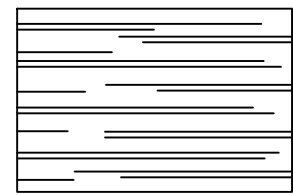
BRICK



VINYL SIDING



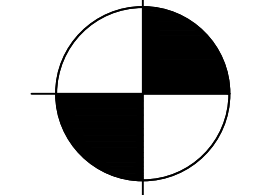
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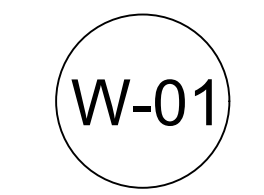
SHINGLES



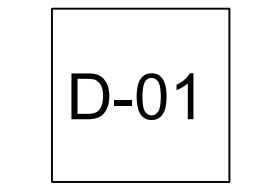
SECTION MARKER



HEIGHT MARKER



WINDOW MARKER



DOOR MARKER

OWNER
STEVE MADDEN
(917)-345-7631
SMADDEN@GMAIL.COM

CONTRACTOR
TONY SOPRANO
(973)-891-0457
BADABING@GMAIL.COM

ARCHITECT
PHILIP ODDO
(631)-572-2036
PODDO03@GMAIL.COM

ARCHITECURAL	
SHEET NUMBER	CONTENTS
A-100	COVER SHEET
A-101	GENERAL NOTES
A-102	FOUNDATION PLAN
A-103	FIRST FLOOR PLAN
A-104	SECOND FLOOR PLAN
A-105	ROOF PLAN
A-106	ELEVATIONS
A-107	LONGITUDINAL SECTION
A-108	CROSS SECTION
A-109	GARAGE SECTION
A-110	INTERIOR ELEVATIONS
A-111	PLUMBING RISER DIAGRAM
A-112	ELECTRICAL DIAGRAM

PODDO DESIGNERS

FARMINGDALE STATE
COLLEGE DEPARTMENT OF
ARCHITECTURE AND
CONSTRUCTION
MANAGEMENT

PROJECT 1: RESIDENTIAL CONSTRUCTION
DOCUMENTS

NAME: PHILIP ODDO
PROFESSOR: JOSEPH M. CLEMENS
CLASS: ARC 310
DATE: 3/28/25

COVER SHEET

A-100

WINDOW SCHEDULE				
WINDOW NUMBER	WINDOW TYPE	LOCATION	SIZE	COMPANY
W-01	A	LIVING	2'-6" X 4'-0"	ANDERSON 2846
W-02	A	LIVING	2'-6" X 4'-0"	ANDERSON 2846
W-03	B	FOYER	1'-0" X 6'-8"	CUSTOM 1
W-04	B	FOYER	1'-0" X 6'-8"	CUSTOM 1
W-05	C	BKR	2'-0" X 4'-0"	ANDERSON 2040
W-06	D	BKR	3'-0" X 4'-0"	ANDERSON 3040
W-07	C	BKR	2'-0" X 4'-0"	ANDERSON 2040
W-08	D	KITCHEN	3'-0" X 4'-0"	ANDERSON 3040
W-09	C	DINING	2'-0" X 4'-0"	ANDERSON 2040
W-10	C	DINING	2'-0" X 4'-0"	ANDERSON 2040
W-11	A	BEDROOM 2	2'-6" X 4'-0"	ANDERSON 2846
W-12	A	BEDROOM 2	2'-6" X 4'-0"	ANDERSON 2846
W-13	D	FOYER ABOVE	3'-0" X 4'-0"	ANDERSON 3040
W-14	D	FOYER ABOVE	3'-0" X 4'-0"	ANDERSON 3040
W-15	C	BEDROOM 3	2'-6" X 4'-0"	ANDERSON 2040
W-16	C	BEDROOM 3	2'-6" X 4'-0"	ANDERSON 2040
W-17	C	BEDROOM 3	2'-6" X 4'-0"	ANDERSON 2040
W-18	C	BEDROOM 1	2'-6" X 4'-0"	ANDERSON 2040
W-19	C	BEDROOM 1	2'-6" X 4'-0"	ANDERSON 2040
W-20	E	BASEMENT	2'-0" X 2'-0"	CUSTOM 2
W-21	E	BASEMENT	2'-0" X 2'-0"	CUSTOM 2
W-22	E	BASEMENT	2'-0" X 2'-0"	CUSTOM 2

DOOR SCHEDULE				
DOOR NUMBER	DOOR TYPE	LOCATION	SIZE	COMPANY
D-01	A	FOYER	3'-0" X 7'-0"	EXTERIOR DOOR
D-02	A	FAMILY	3'-0" X 7'-0"	EXTERIOR DOOR
D-03	B	GARAGE	3'-0" X 7'-0"	INTERIOR DOOR
D-04	C	HALF-BATH	2'-6" X 6'-8"	INTERIOR DOOR
D-05	B	BASEMENT	3'-0" X 7'-0"	INTERIOR DOOR
D-06	C	CLOSET	2'-6" X 6'-8"	INTERIOR DOOR
D-07	D	BEDROOM 3	2'-10" X 6'-8"	INTERIOR DOOR
D-08	E	WIC	3'-0" X 6'-8"	BIFOLD DOOR
D-09	F	M.BATH	3'-0" X 6'-8"	POCKET DOOR
D-10	C	BATH CL.	2'-6" X 6'-8"	INTERIOR DOOR
D-11	C	LINEN CL.	2'-6" X 6'-8"	INTERIOR DOOR
D-12	G	WASH	6'-0" X 6'-8"	BIFOLD DOOR
D-13	C	BATH	2'-6" X 6'-8"	INTERIOR DOOR
D-14	D	BEDROOM 1	2'-10" X 6'8"	INTERIOR DOOR
D-15	H	BEDROOM 1 CL.	3'-0" X 6'-8"	BIFOLD DOOR
D-16	H	BEDROOM 1 CL.	3'-0" X 6'-8"	BIFOLD DOOR
D-17	D	BEDROOM 2	2'-10" X 6'8"	INTERIOR DOOR
D-18	H	BEDROOM 2 CL.	3'-0" X 6'-8"	BIFOLD DOOR
D-19	H	BEDROOM 2 CL.	3'-0" X 6'-8"	BIFOLD DOOR

ROOM FINISH SCHEDULE				
ROOM	FLOOR	WALL	CIELING	NOTES
LIVING	HARDWOOD	GYP. BOARD	GYP. BOARD	N.A.
FOYER	HARDWOOD	GYP. BOARD	GYP. BOARD	N.A.
GARAGE	CONCRETE	GYP. BOARD	GYP. BOARD	N.A.
FAMILY	HARDWOOD	GYP. BOARD	GYP. BOARD	N.A.
BRK	HARDWOOD	GYP. BOARD	GYP. BOARD	N.A.
KITCHEN	TILE	GYP. BOARD	GYP. BOARD	N.A.
HALF-BATH	TILE	GYP. BOARD	GYP. BOARD	N.A.
DINING	HARDWOOD	GYP. BOARD	GYP. BOARD	N.A.
HALLWAY	HARDWOOD	GYP. BOARD	GYP. BOARD	N.A.
BEDROOM 3	CARPET	GYP. BOARD	GYP. BOARD	N.A.
WIC	CARPET	GYP. BOARD	GYP. BOARD	N.A.
M.BATH	TILE	GYP. BOARD	GYP. BOARD	N.A.
WASH	HARDWOOD	GYP. BOARD	GYP. BOARD	PREP FOR WATER
BATH	TILE	GYP. BOARD	GYP. BOARD	N.A.
BEDROOM 1	CARPET	GYP. BOARD	GYP. BOARD	N.A.
BEDROOM 2	CARPET	GYP. BOARD	GYP. BOARD	N.A.

PODDO
DESIGNERS

FARMINGDALE STATE
COLLEGE DEPARTMENT OF
ARCHITECTURE AND
CONSTRUCTION
MANAGEMENT

PROJECT 1: RESIDENTIAL CONSTRUCTION
DOCUMENTS

NAME: PHILIP ODDO
PROFESSOR: JOSEPH M. CLEMENS
CLASS: ARC 310
DATE: 3/28/25

GENERAL NOTES

A-101

PODDO
DESIGNERS

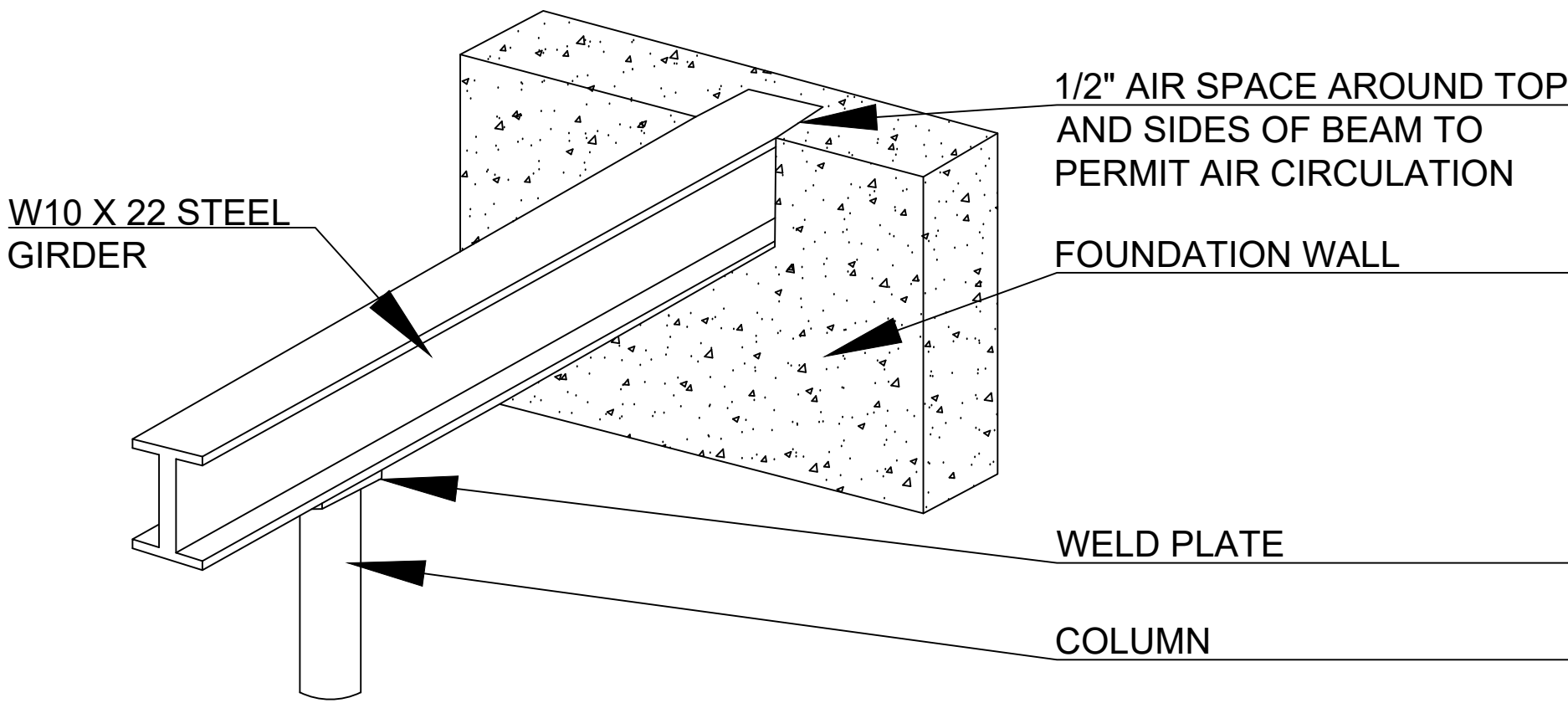
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COLLEGE DEPARTMENT OF
ARCHITECTURE AND
CONSTRUCTION
MANAGEMENT

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DOCUMENTS

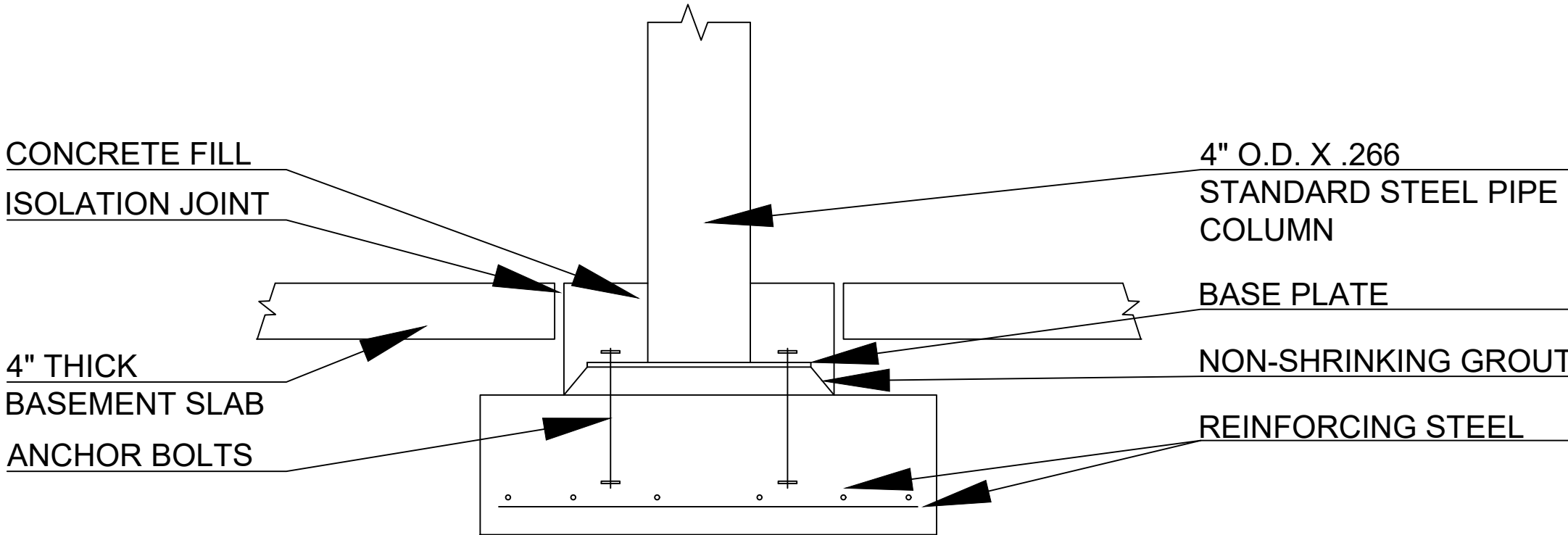
NAME: PHILIP ODDO
PROFESSOR: JOSEPH M. CLEMENS
CLASS: ARC 310
DATE: 3/28/25

FOUNDATION PLAN

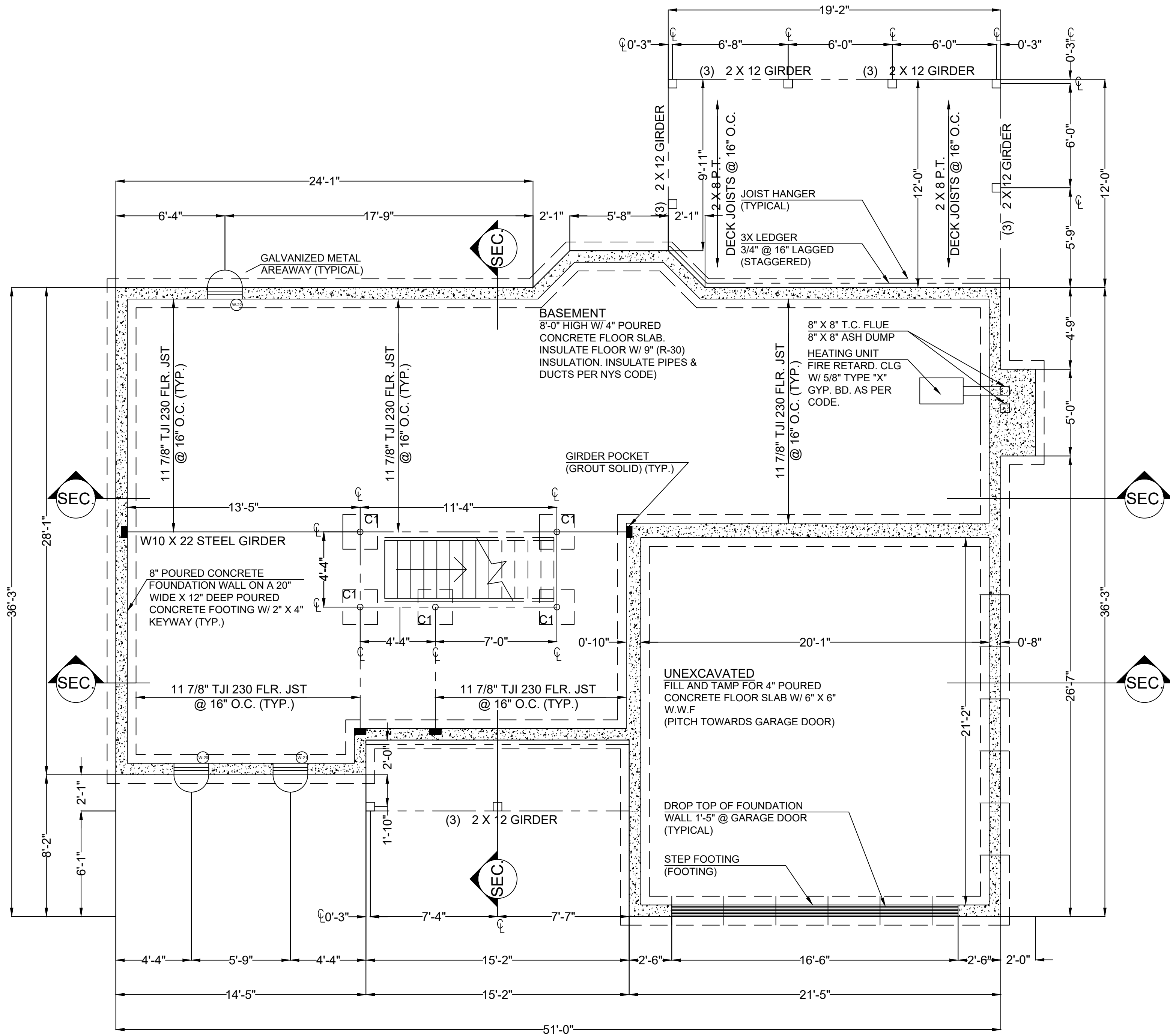
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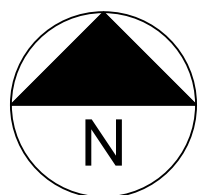
② GIRDER POCKET
SCALE: N.A.



③ FOOTING @ BASEMENT COLUMN
SCALE: N.A.



① FOUNDATION PLAN
1/4" = 1'-0"



PODDO
DESIGNERS

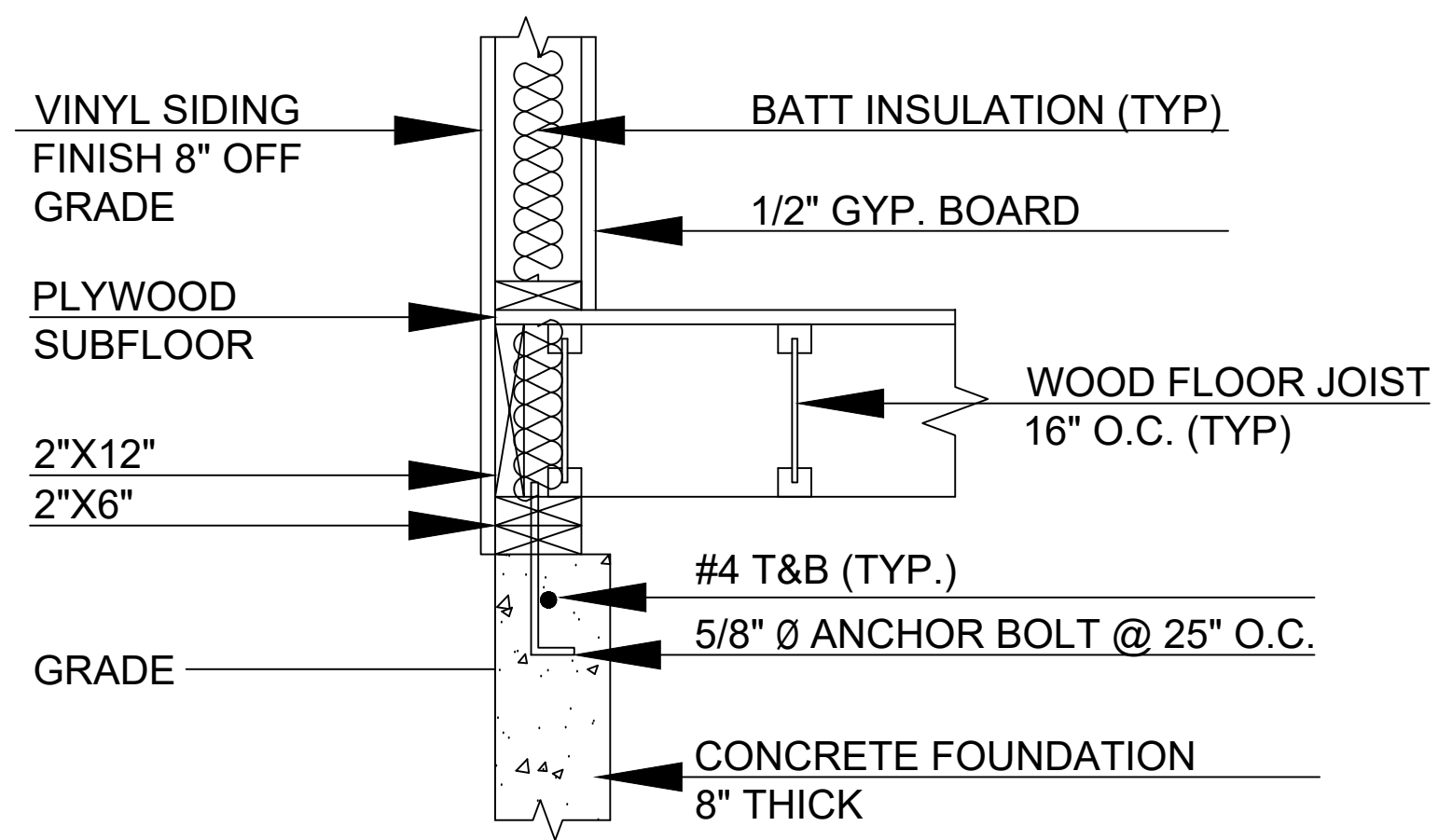
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MANAGEMENT

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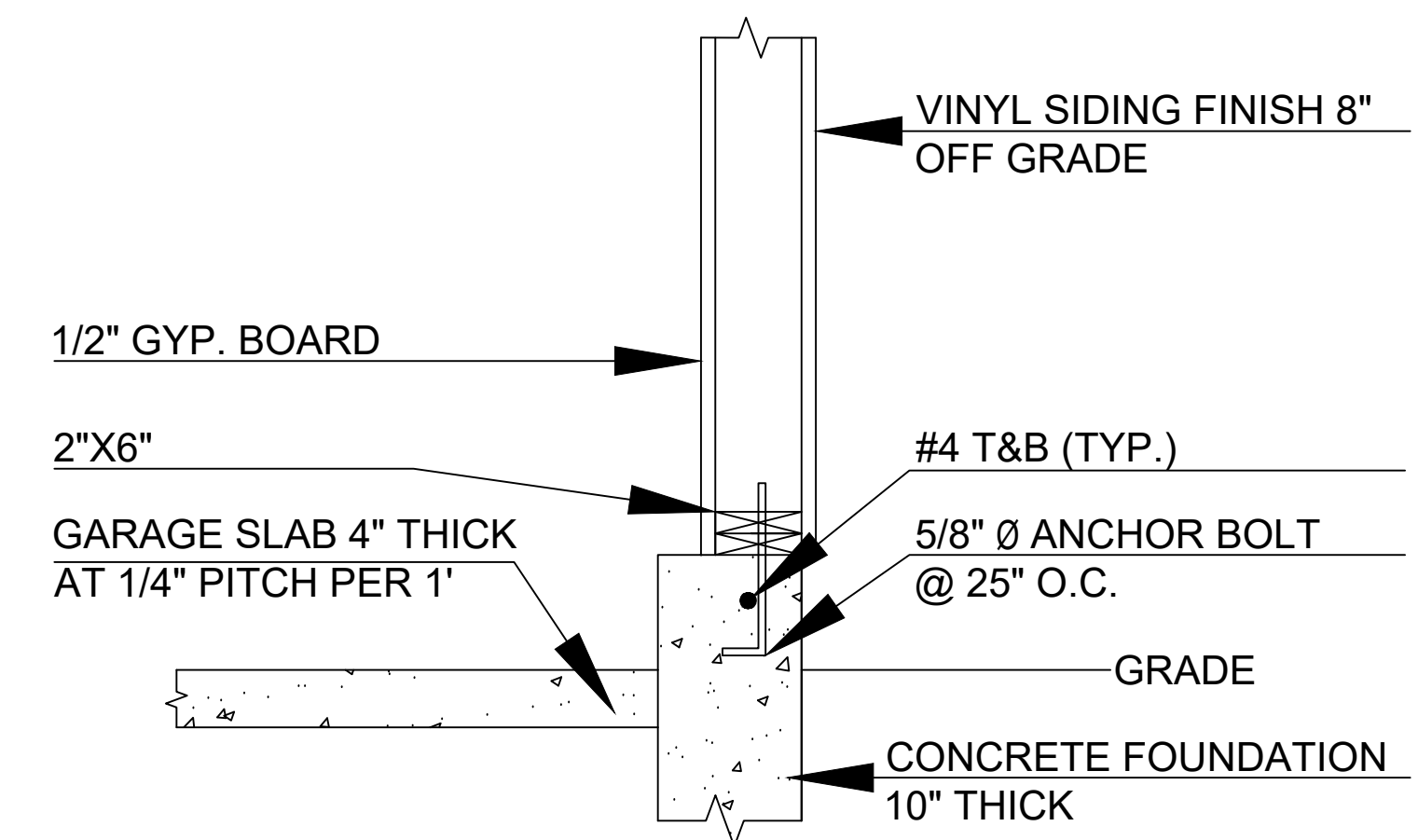
NAME: PHILIP ODDO
PROFESSOR: JOSEPH M. CLEMENS
CLASS: ARC 310
DATE: 3/28/25

FIRST FLOOR PLAN

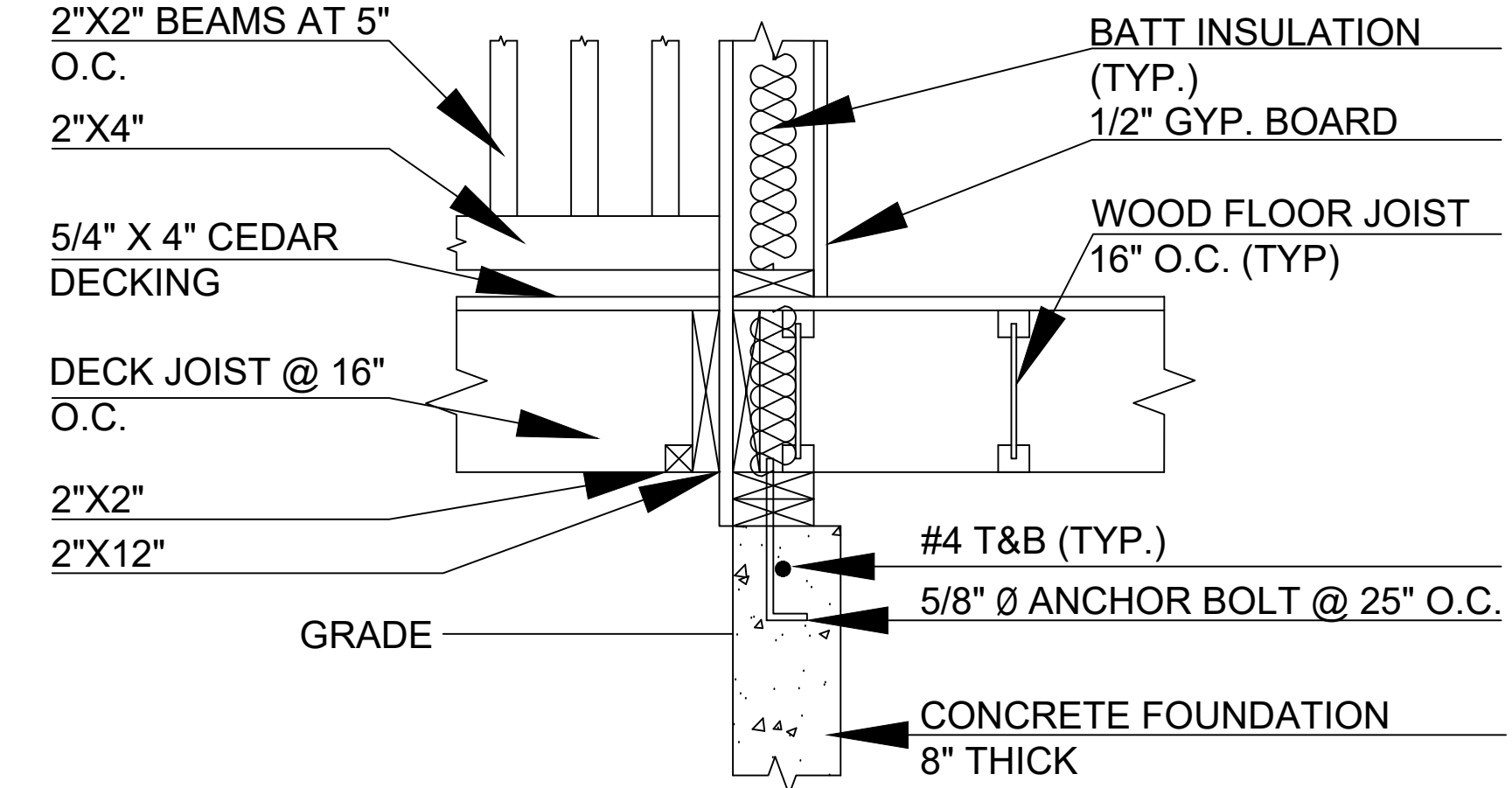
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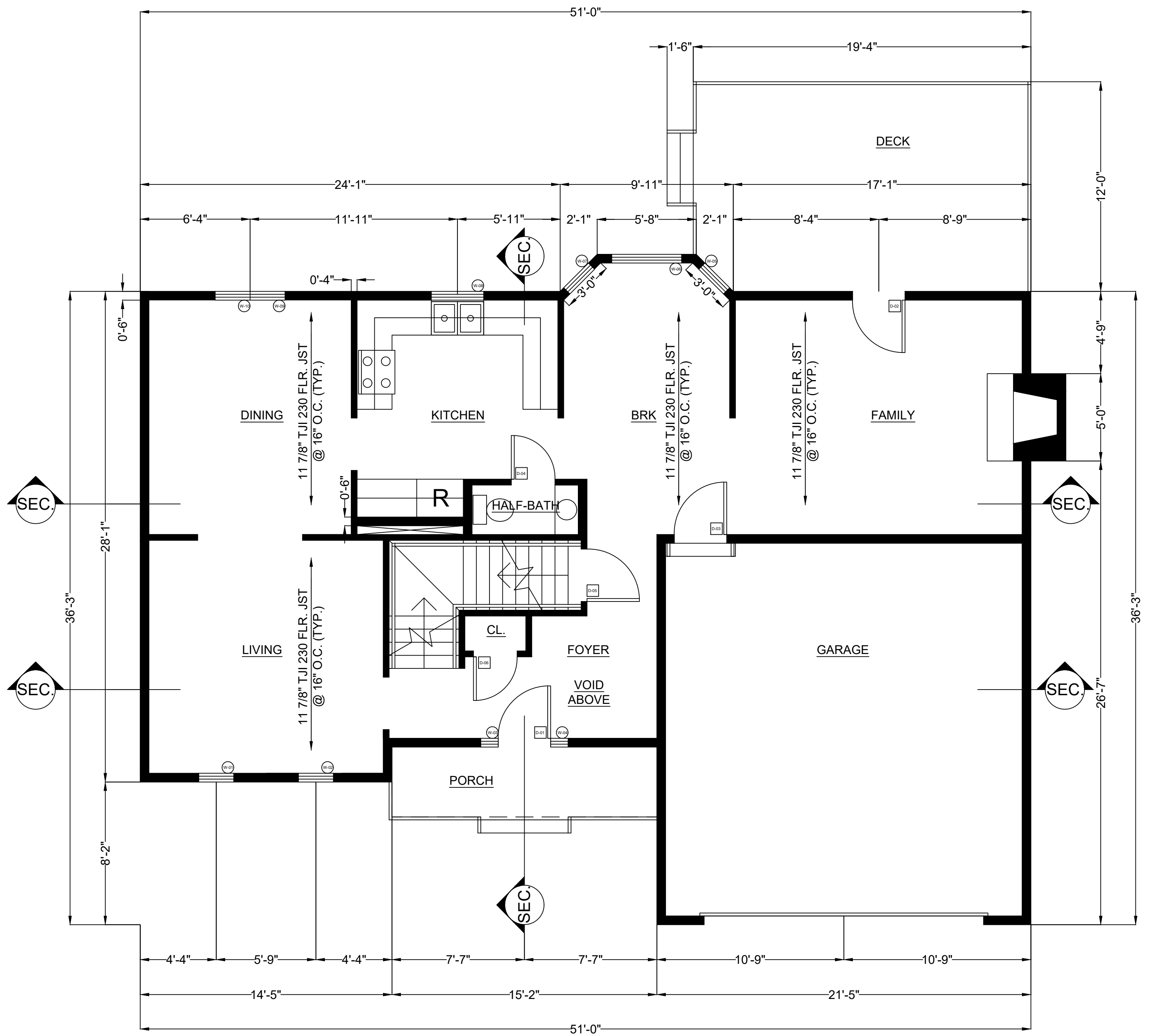
2 EXTERIOR WALL DETAIL (TYP.)
1" = 1'-0"



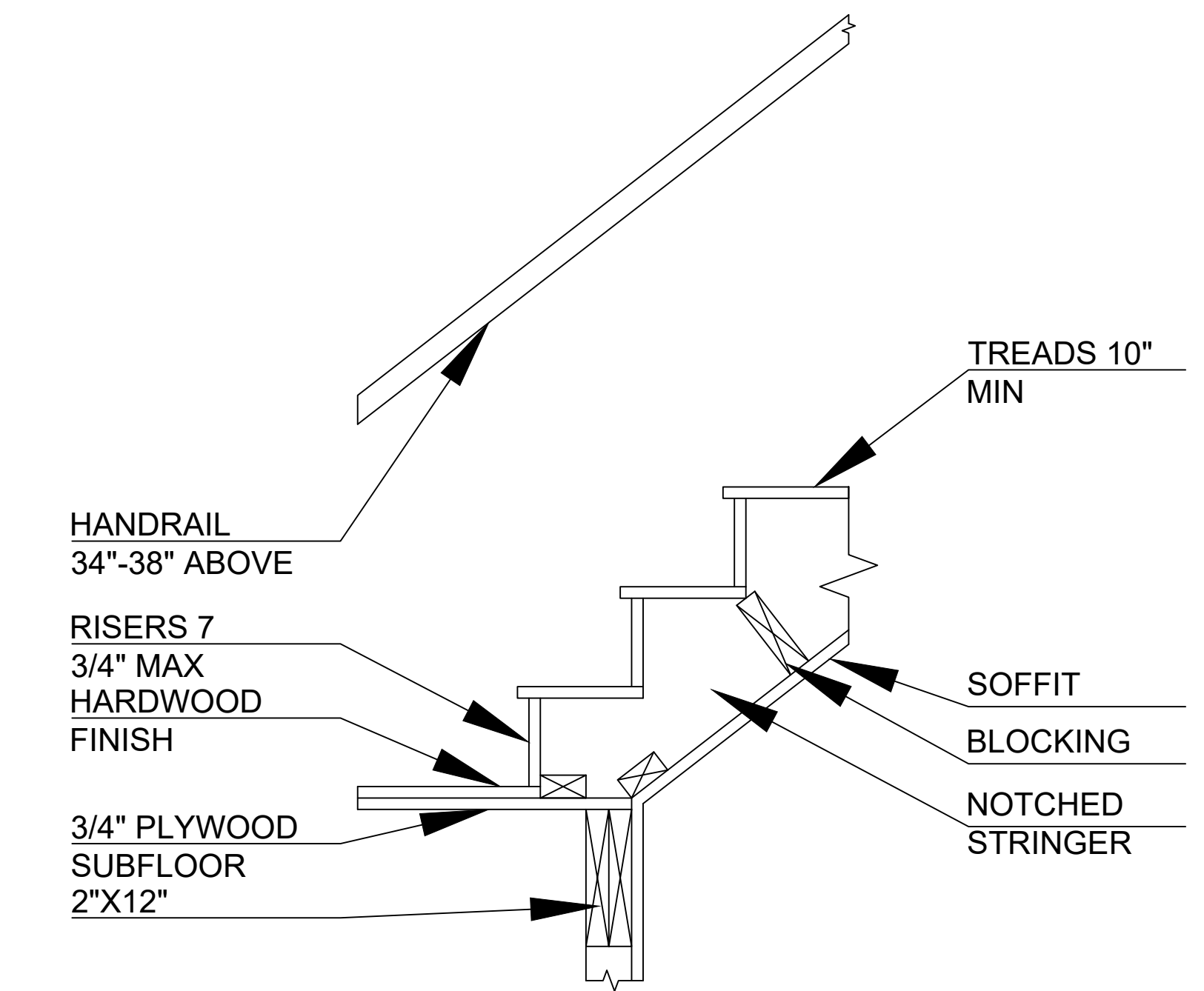
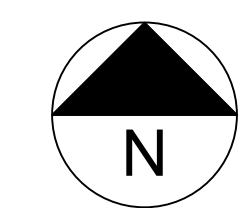
3 EXTERIOR WALL DETAIL @ GARAGE (TYP.)
1" = 1'-0"



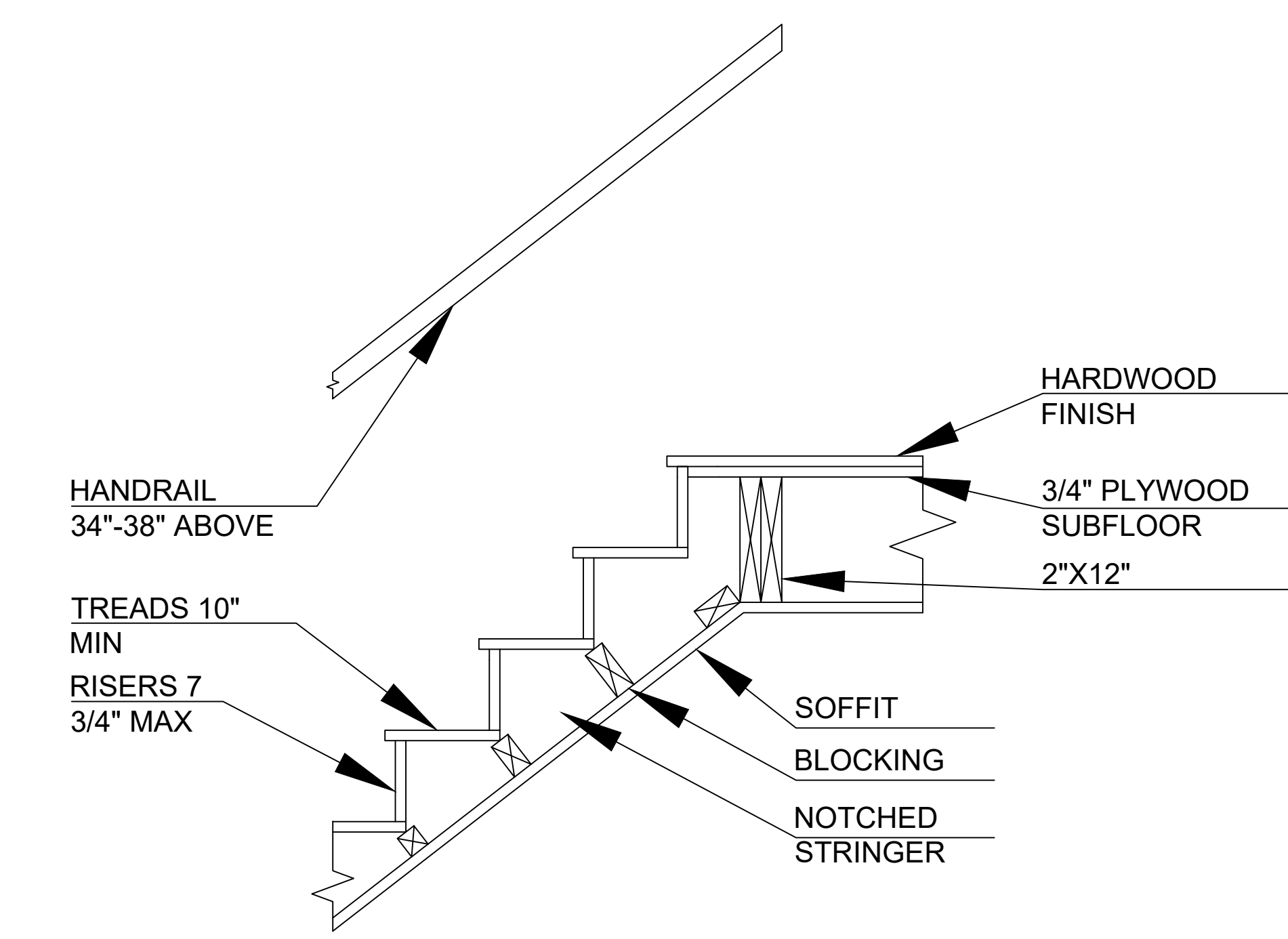
4 WALL DETAIL @ PORCH (TYP.)
1" = 1'-0"



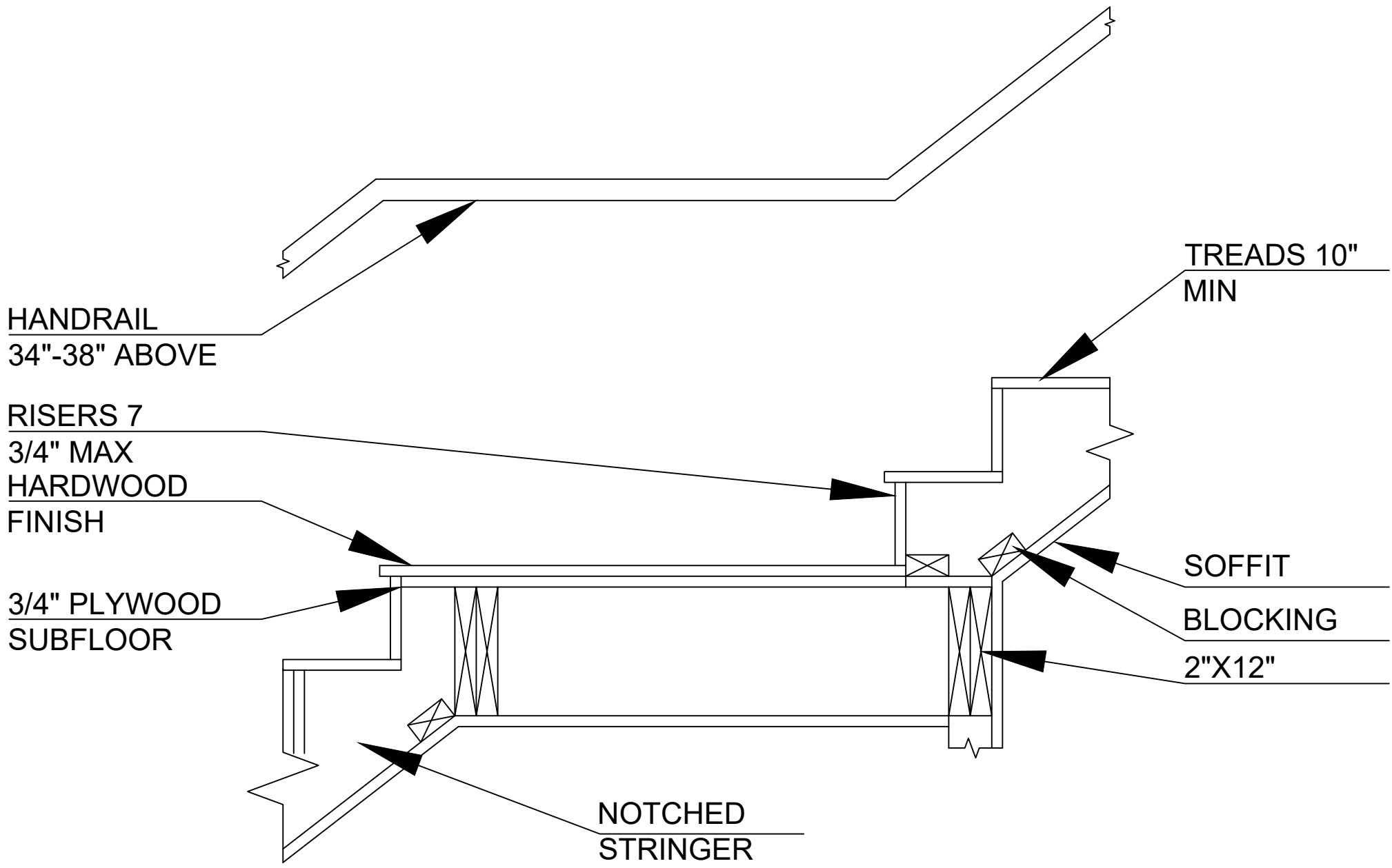
1 FIRST FLOOR PLAN
1/4" = 1'-0"



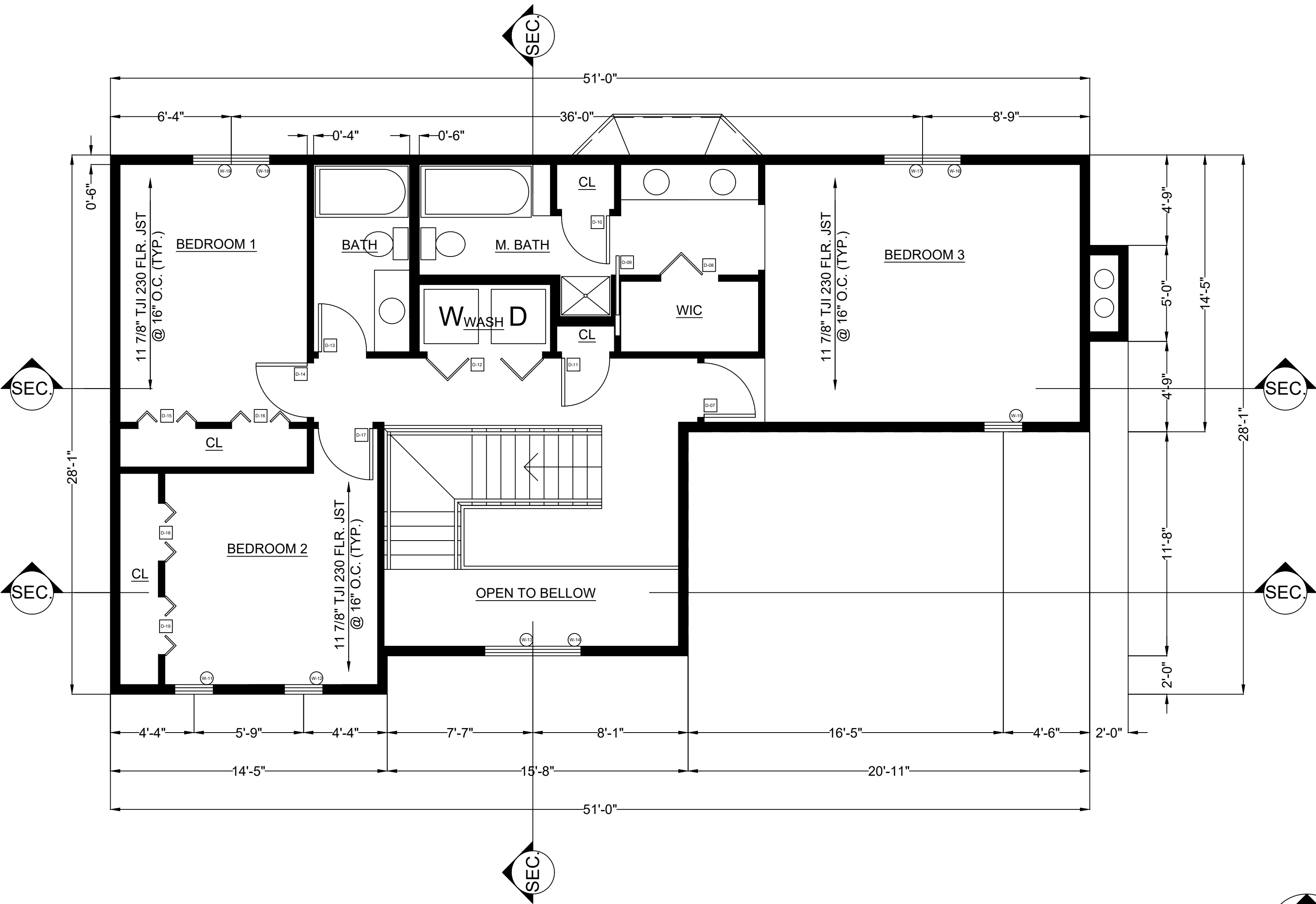
5 B.O. STAIR DETAIL
1" = 1'-0"



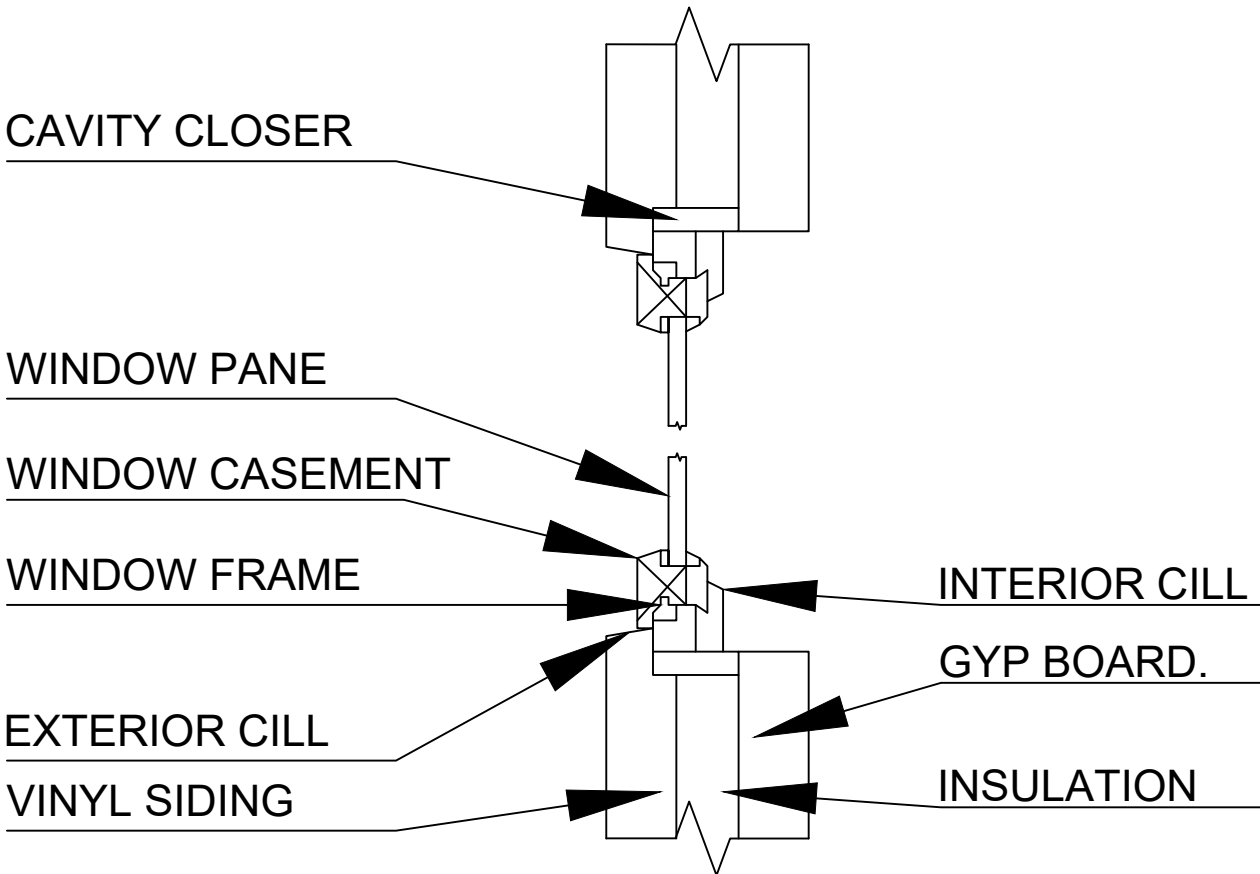
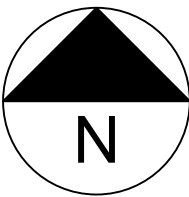
6 T.O. STAIR DETAIL
1" = 1'-0"



② MIDDLE STAIR DETAIL
1" = 1'-0"



① SECOND FLOOR PLAN
1/4" = 1'-0"



① TYPICAL WINDOW DETAIL
1" = 1'-0"

PODDO
DESIGNERS

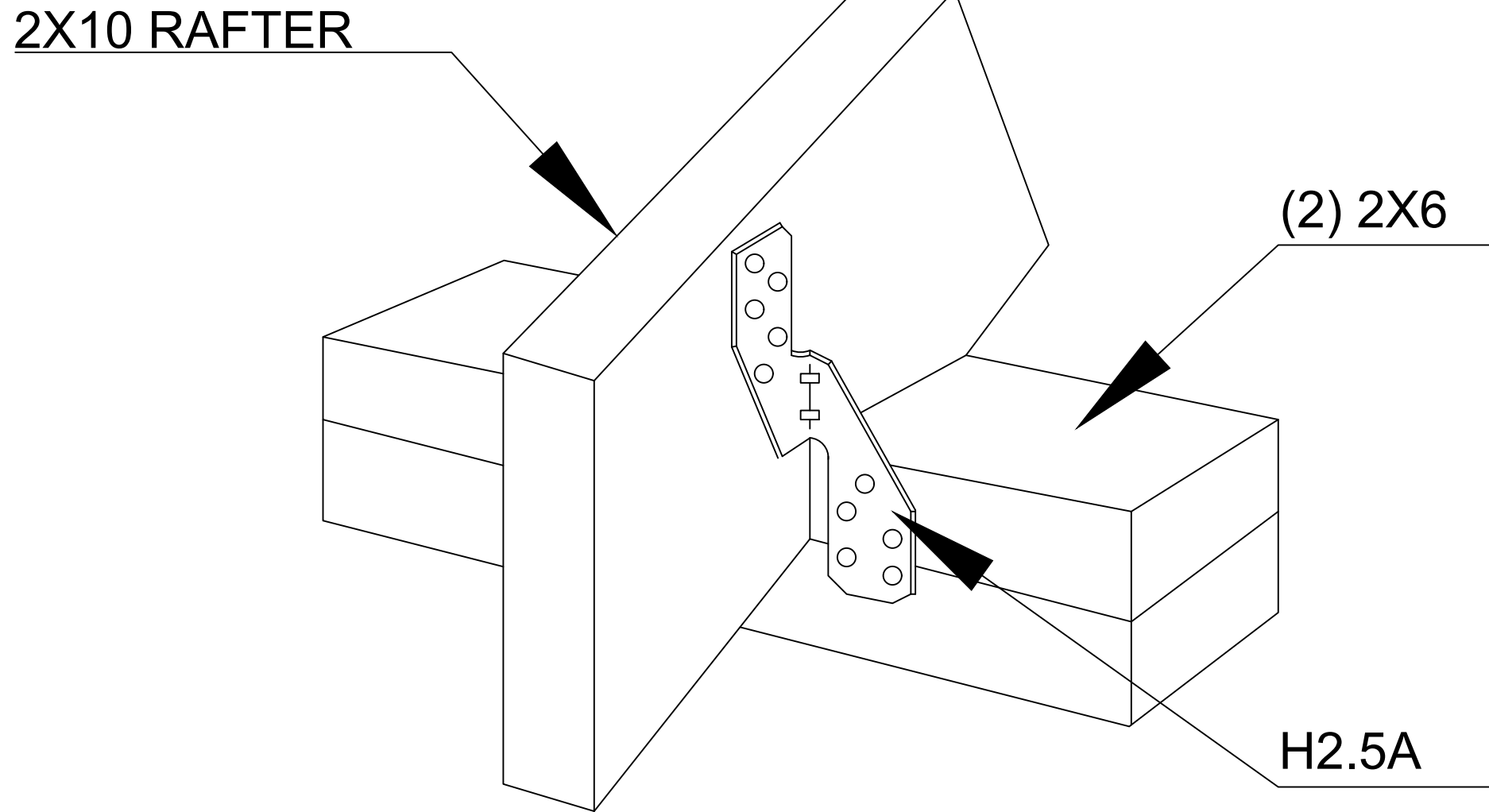
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MANAGEMENT

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DOCUMENTS

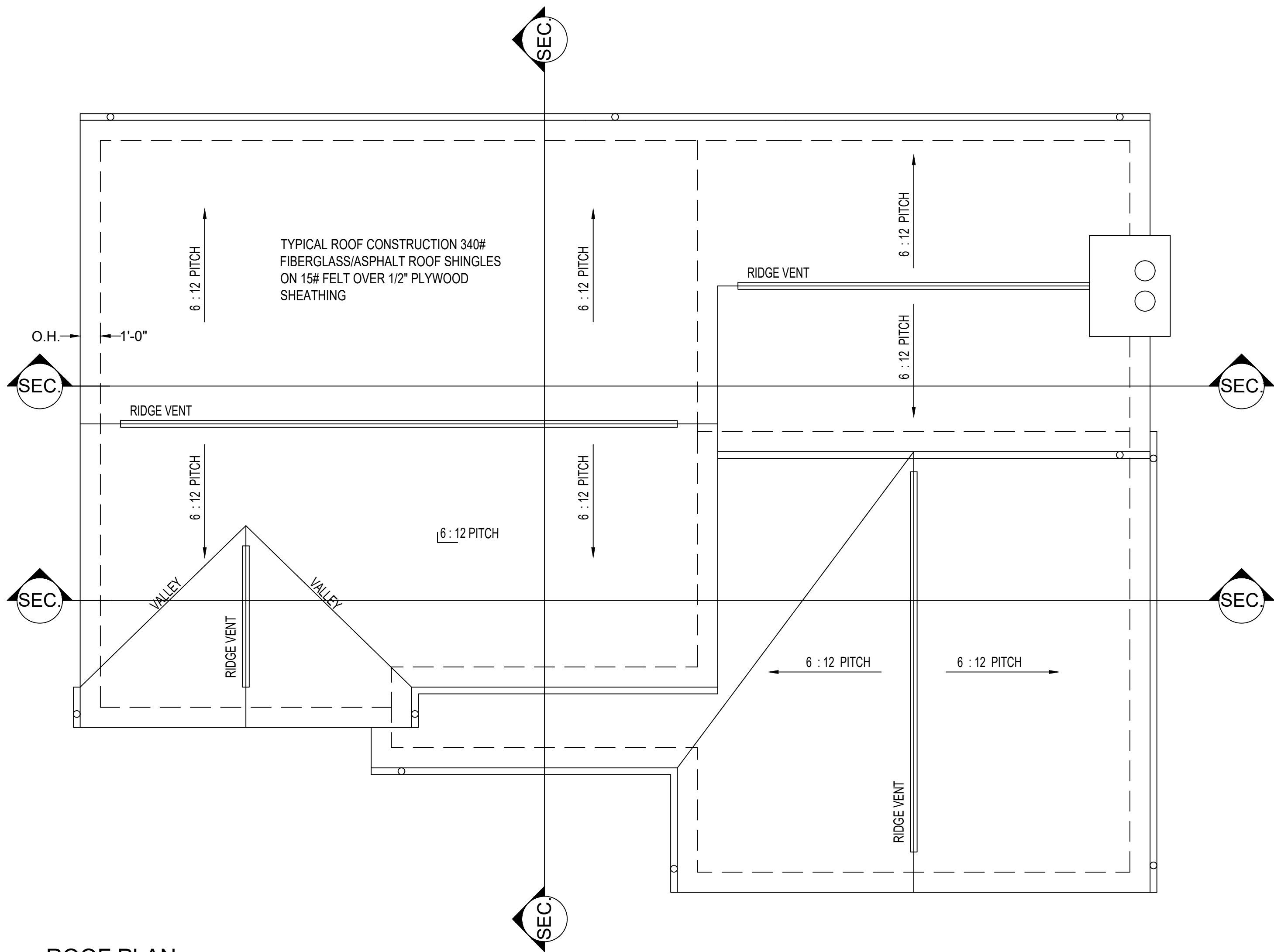
NAME: PHILIP ODDO
PROFESSOR: JOSEPH M. CLEMENS
CLASS: ARC 310
DATE: 3/28/25

ROOF PLAN

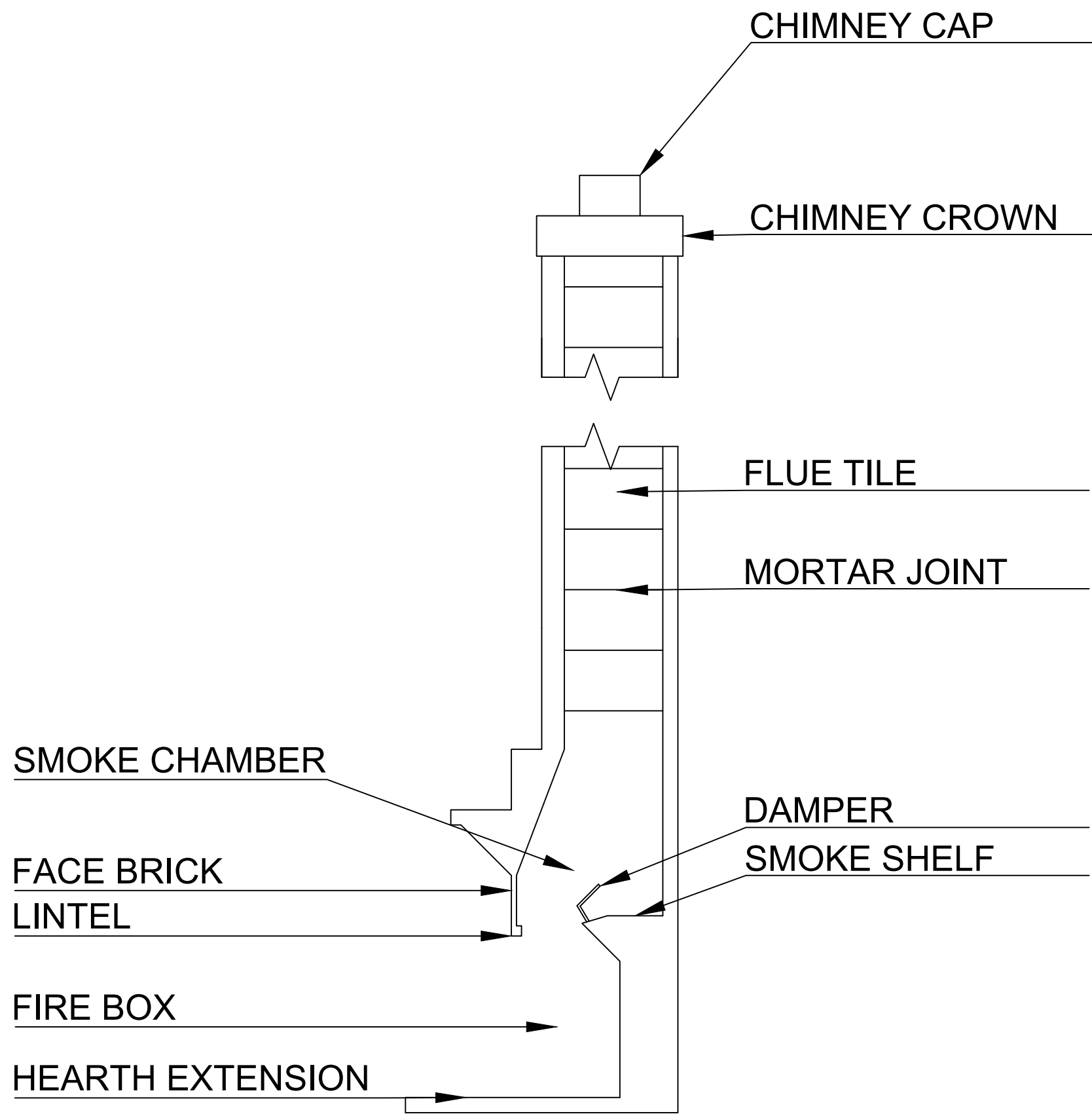
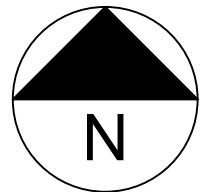
A-105



② SIMPSON STRONG TIE H2.5A TRUSS/RAFTER
SCALE: N.A.



① ROOF PLAN
1/4" = 1'-0"



③ FIREPLACE DETAIL
1/2" = 1'-0"

PODDO
DESIGNERS

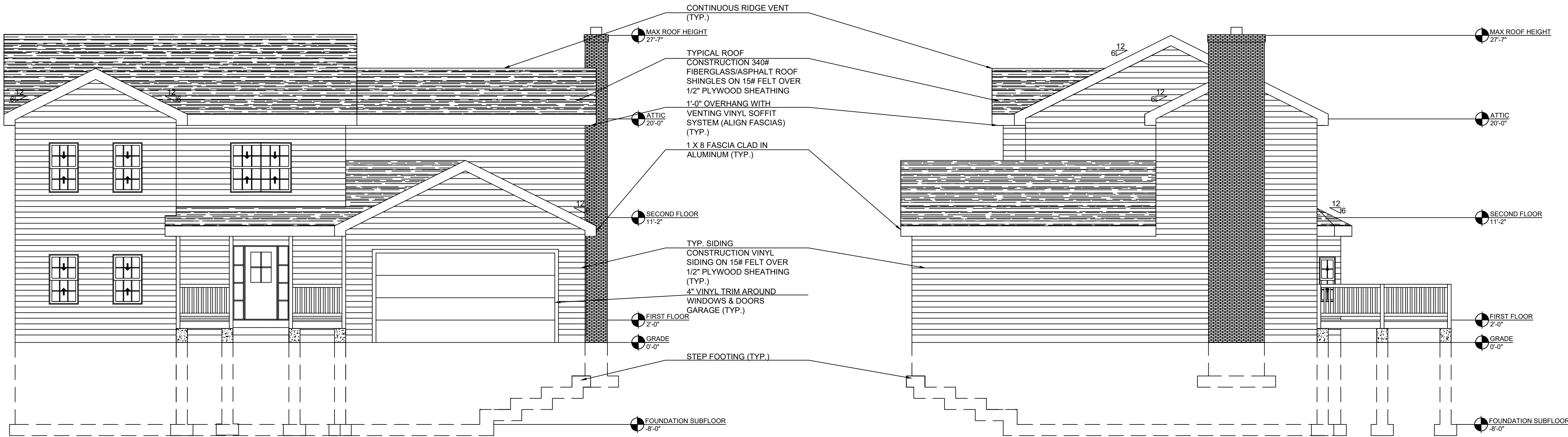
FARMINGDALE STATE
COLLEGE DEPARTMENT OF
ARCHITECTURE AND
CONSTRUCTION
MANAGEMENT

PROJECT 1: RESIDENTIAL CONSTRUCTION
DOCUMENTS

NAME: PHILIP ODDO
PROFESSOR: JOSEPH M. CLEMENS
CLASS: ARC 310
DATE: 3/28/25

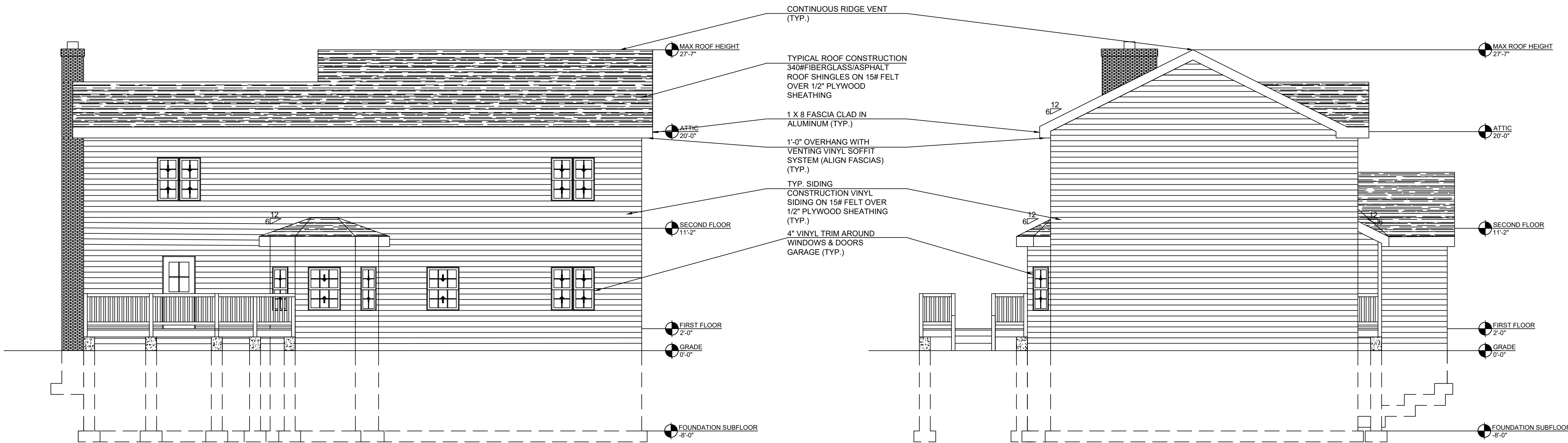
ELEVATIONS

A-106



① NORTH FACING ELEVATION
3/16" = 1'-0"

② WEST FACING ELEVATION
3/16" = 1'-0"



③ SOUTH FACING ELEVATION
3/16" = 1'-0"

④ EAST FACING ELEVATION
3/16" = 1'-0"

PODDO
DESIGNERS

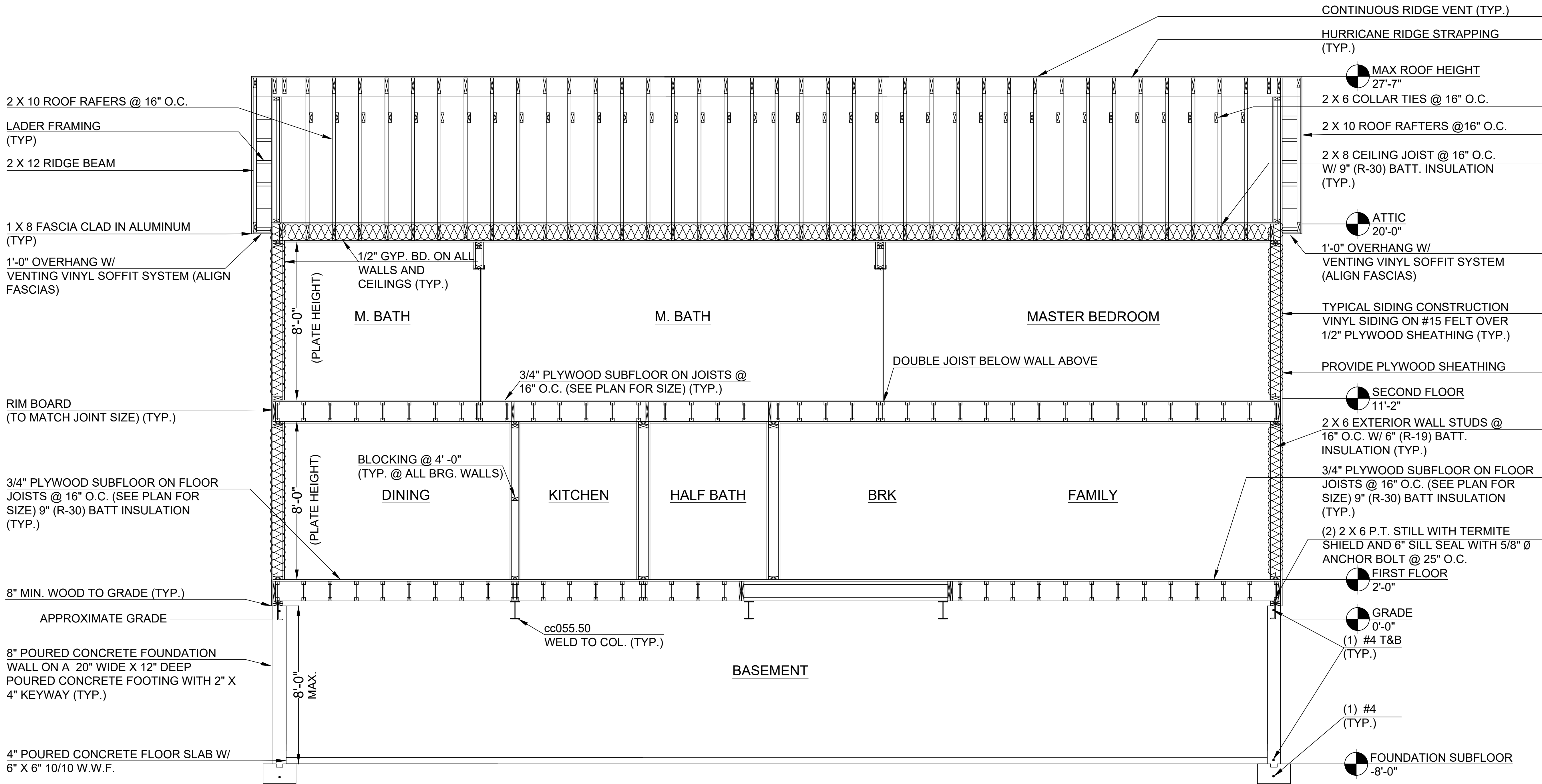
FARMINGDALE STATE
COLLEGE DEPARTMENT OF
ARCHITECTURE AND
CONSTRUCTION
MANAGEMENT

PROJECT 1: RESIDENTIAL CONSTRUCTION
DOCUMENTS

NAME: PHILIP ODDO
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CLASS: ARC 310
DATE: 3/28/25

LONGITUDINAL
SECTION

A-107



1 LONGITUDINAL SECTION
3/8" = 1'-0"

PODDO
DESIGNERS

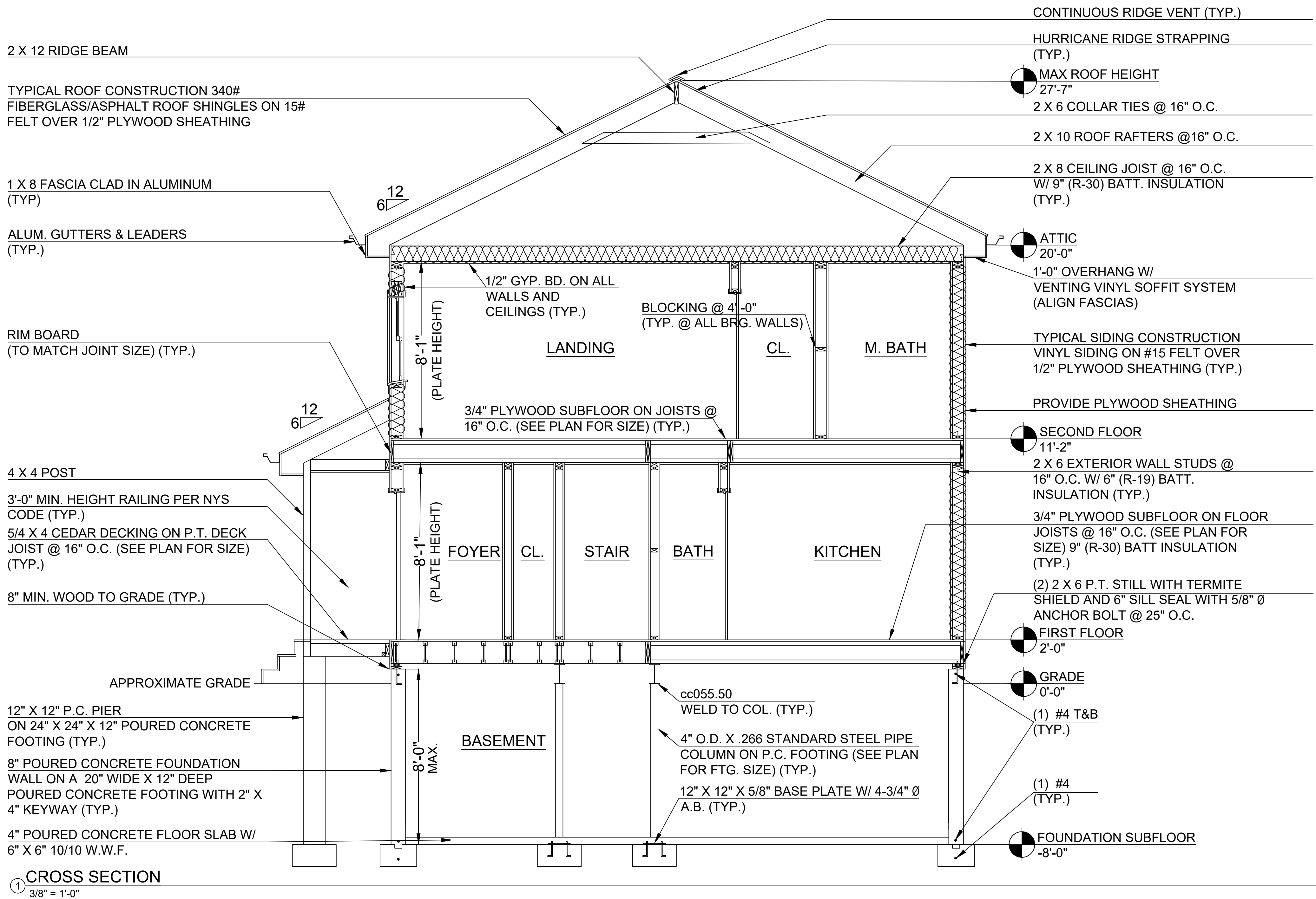
FARMINGDALE STATE
COLLEGE DEPARTMENT OF
ARCHITECTURE AND
CONSTRUCTION
MANAGEMENT

PROJECT 1: RESIDENTIAL CONSTRUCTION
DOCUMENTS

NAME: PHILIP ODDO
PROFESSOR: JOSEPH M. CLEMENS
CLASS: ARC 310
DATE: 3/28/25

CROSS-SECTION

A-108



PODDO
DESIGNERS

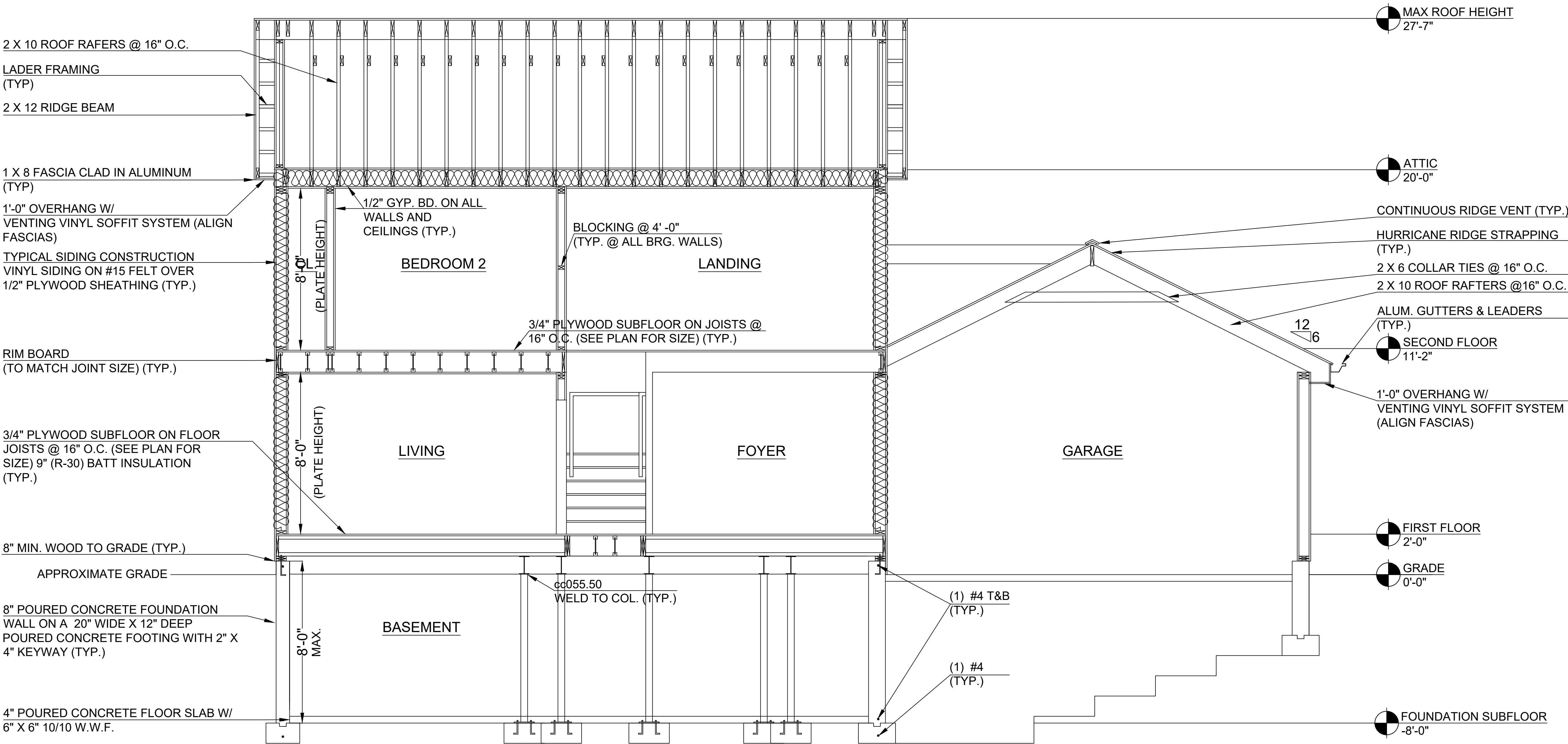
FARMINGDALE STATE
COLLEGE DEPARTMENT OF
ARCHITECTURE AND
CONSTRUCTION
MANAGEMENT

PROJECT 1: RESIDENTIAL CONSTRUCTION
DOCUMENTS

NAME: PHILIP ODDO
PROFESSOR: JOSEPH M. CLEMENS
CLASS: ARC 310
DATE: 3/28/25

GARAGE SECTION

A-109



① GARAGE SECTION
3/8" = 1'-0"

PODDO
DESIGNERS

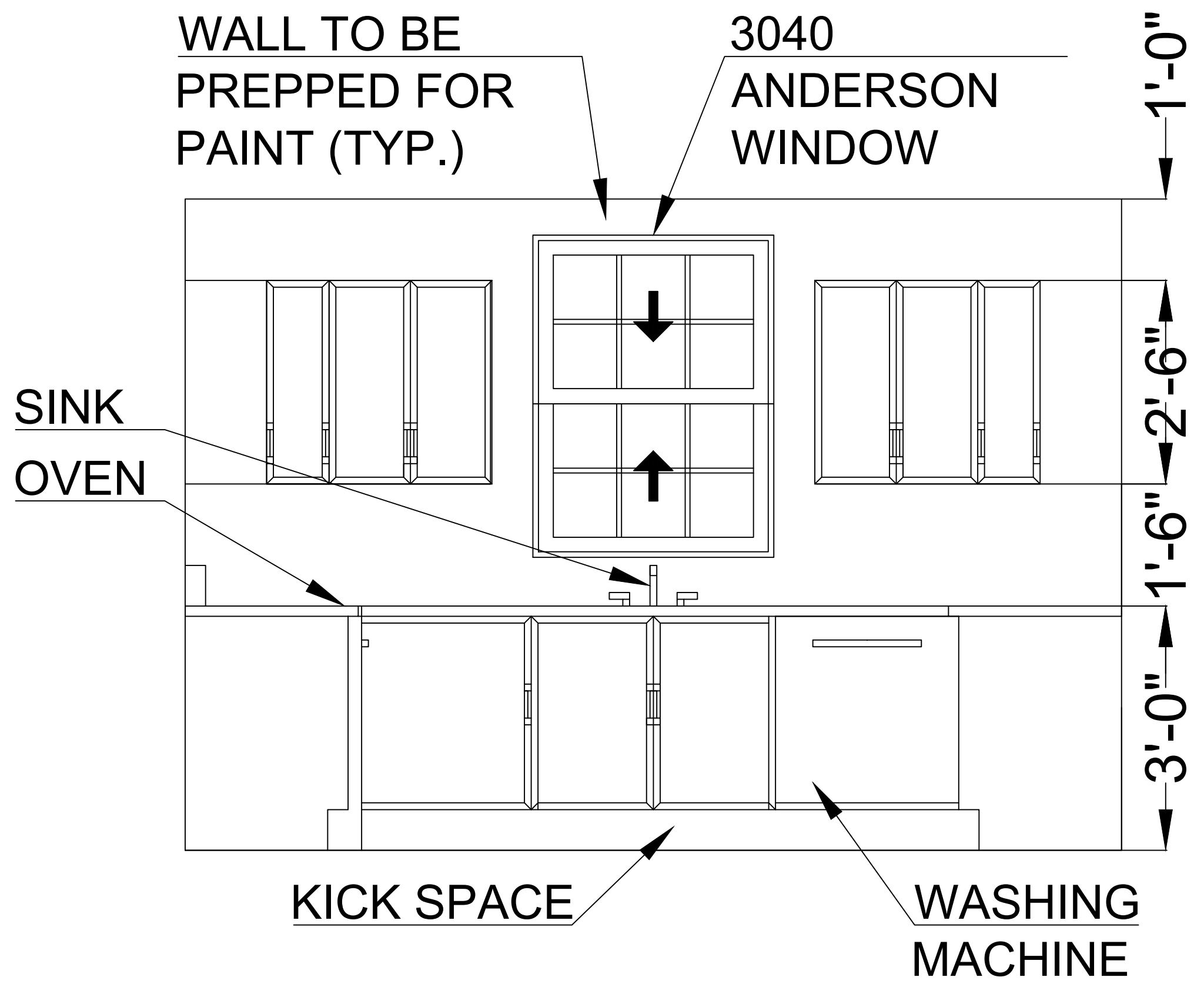
FARMINGDALE STATE
COLLEGE DEPARTMENT OF
ARCHITECTURE AND
CONSTRUCTION
MANAGEMENT

PROJECT 1: RESIDENTIAL CONSTRUCTION
DOCUMENTS

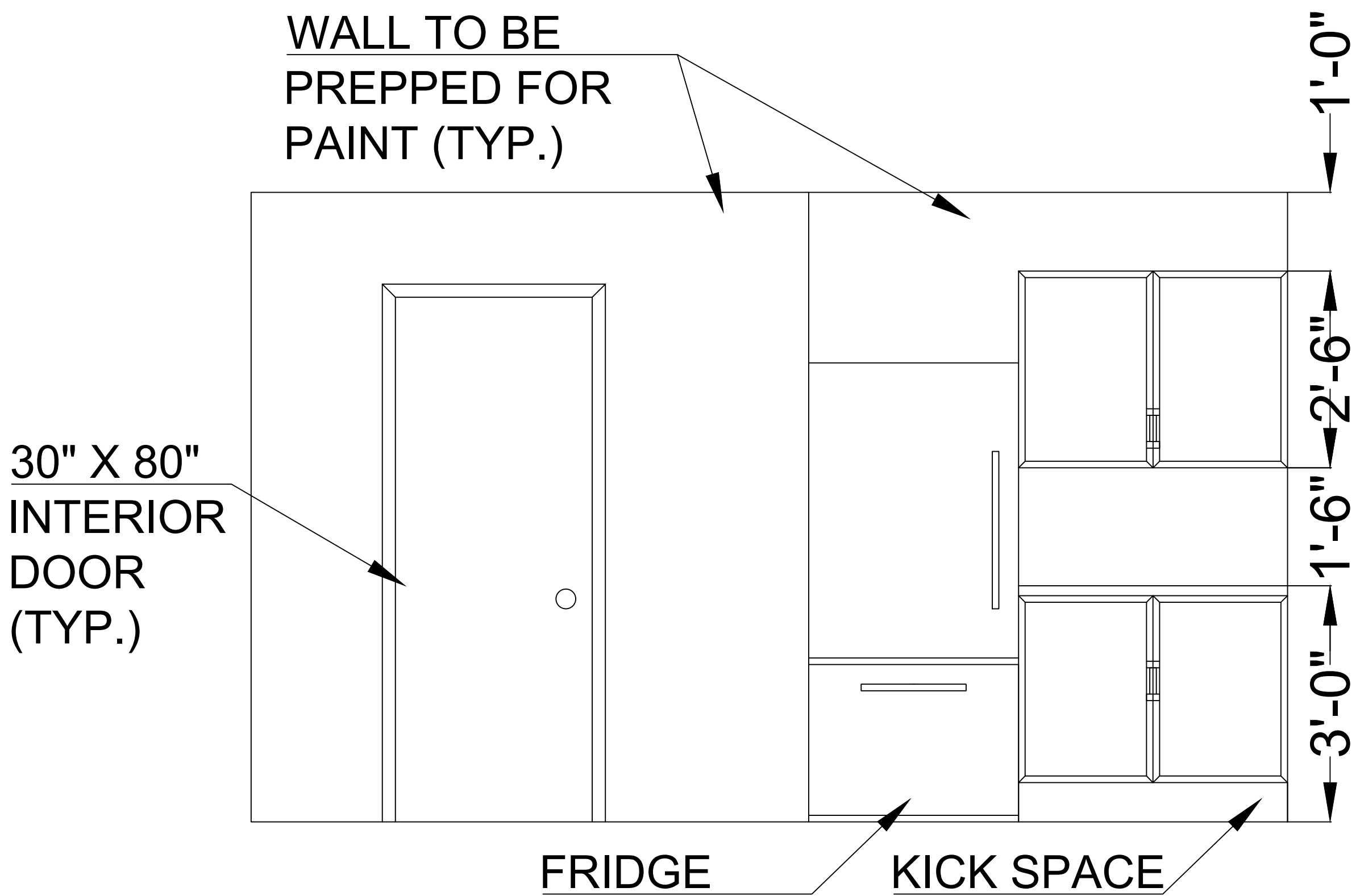
NAME: PHILIP ODDO
PROFESSOR: JOSEPH M. CLEMENS
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DATE: 3/28/25

INTERIOR ELEVATIONS

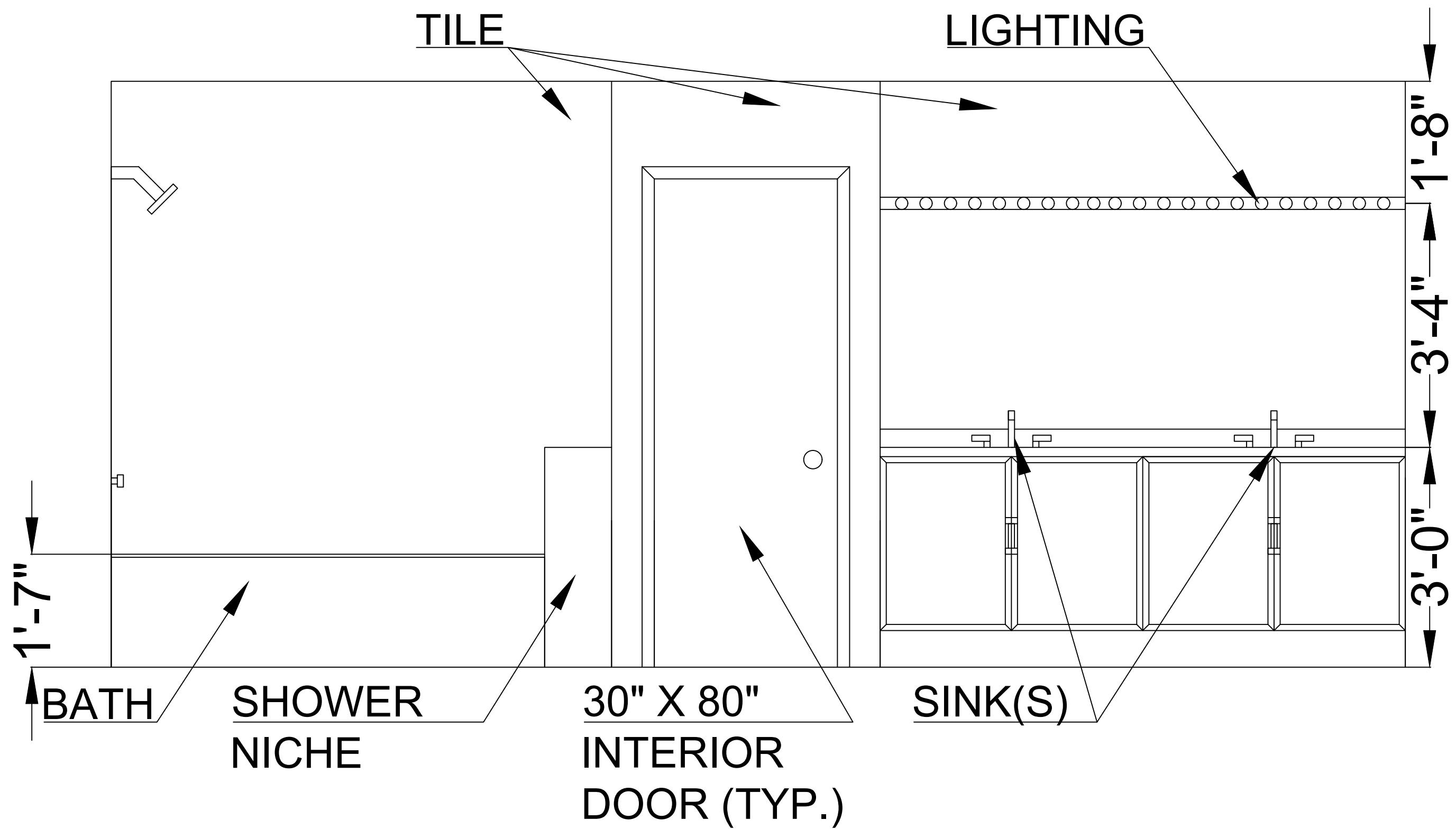
A-110



① KITCHEN FRONT ELEVATION
3/4" = 1'-0"



② KITCHEN BACK ELEVATION
3/4" = 1'-0"



③ MASTER BATH ELEVATION
3/4" = 1'-0"

PODDO
DESIGNERS

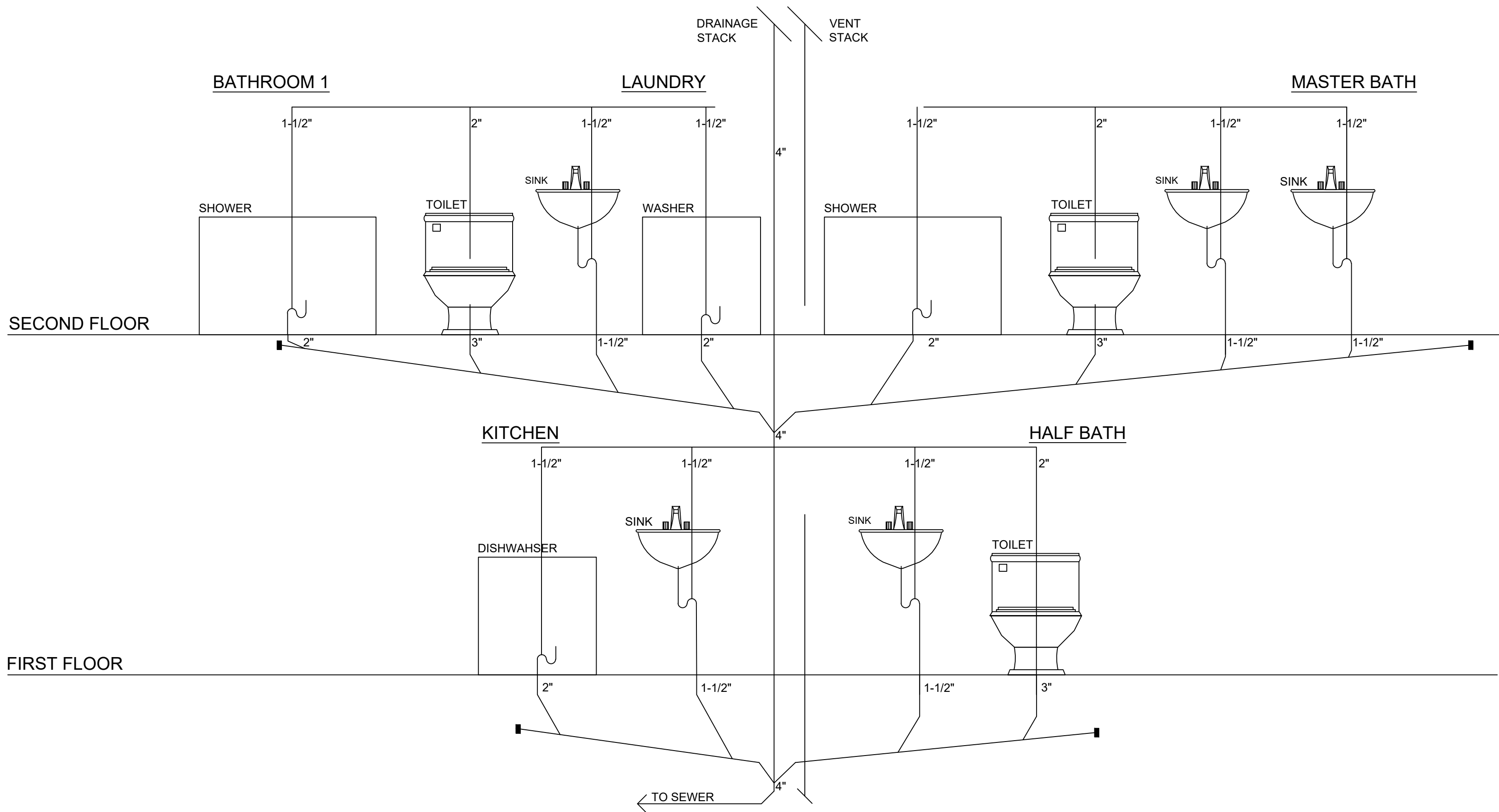
FARMINGDALE STATE
COLLEGE DEPARTMENT OF
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CONSTRUCTION
MANAGEMENT

PROJECT 1: RESIDENTIAL CONSTRUCTION
DOCUMENTS

NAME: PHILIP ODDO
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CLASS: ARC 310
DATE: 3/28/25

PLUMBING RISER

A-111



1 PLUMBING RISER
NTS

PODDO
DESIGNERS

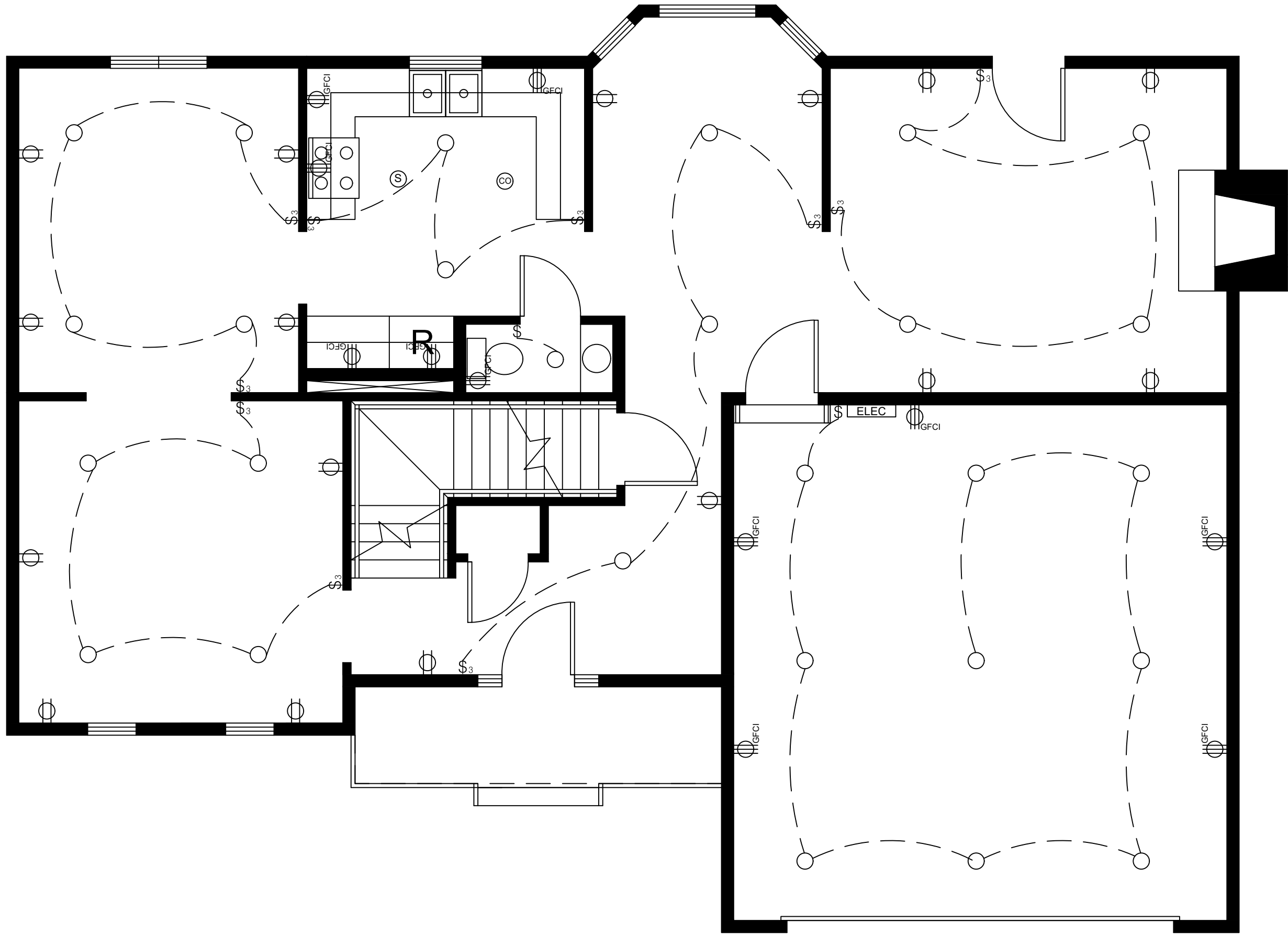
FARMINGDALE STATE
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PROJECT 1: RESIDENTIAL CONSTRUCTION
DOCUMENTS

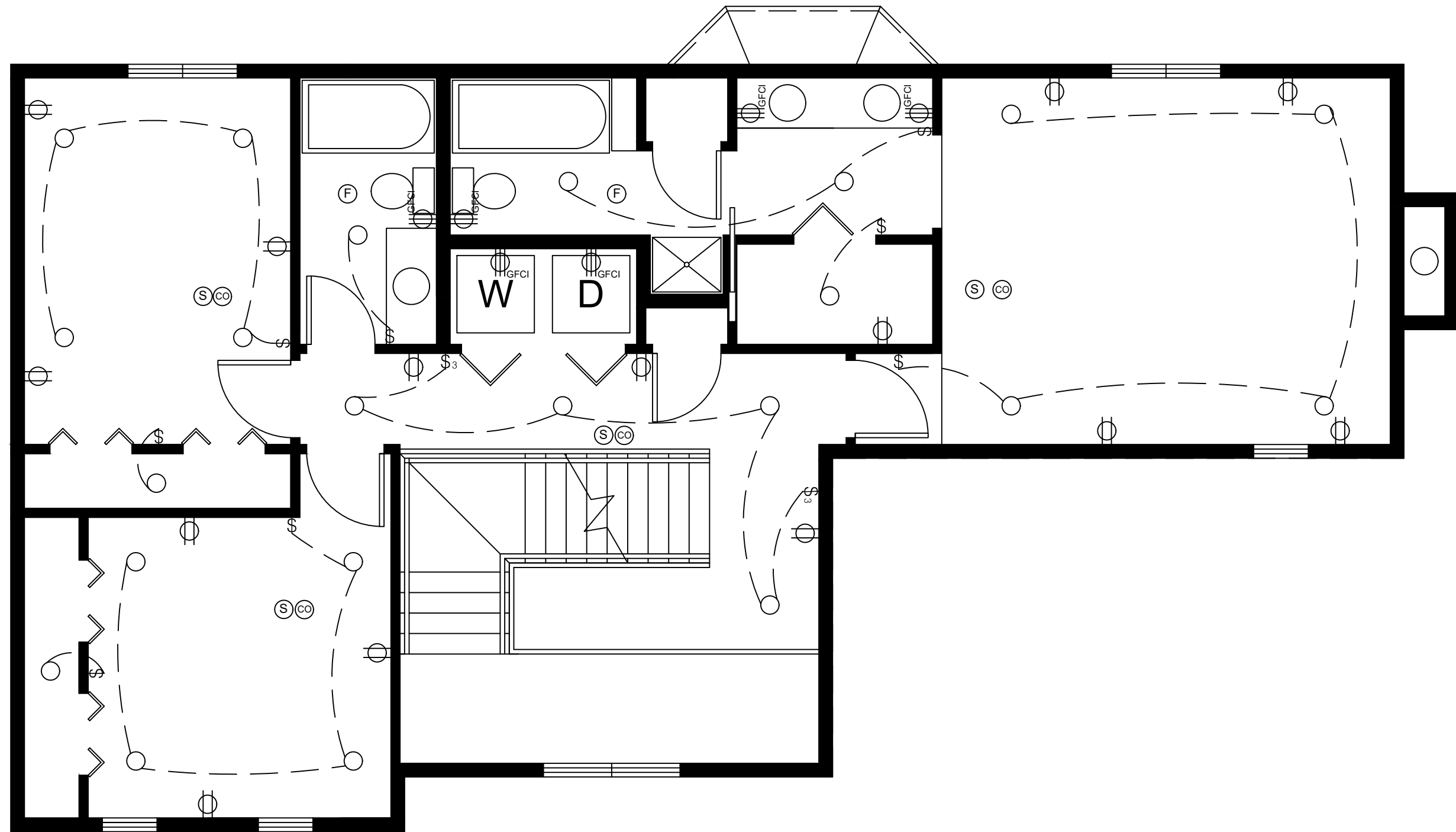
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CLASS: ARC 310
DATE: 3/28/25

ELECTRICAL DIAGRAM

A-112



① FIRST FLOOR ELECTRICAL DIAGRAM
1/4" = 1'-0"



② SECOND FLOOR ELECTRICAL DIAGRAM
1/4" = 1'-0"

ELECTRICAL SYMBOL LEGEND

	DUPLEX OUTLET
	GFCI OUTLET
	SINGLE SWITCH
	THREE WAY SWITCH
	SMOKE DETECTOR
	CO2 DETECTOR
	EXHAUST FAN
	RECESSED LIGHT FIXTURES
	CONNECTION
	ELECTRICAL BOX